

# FCC Test Report

**FCC ID** : H8NSAX1V1K  
**Equipment** : WiFi 6 Router  
**Model Name** : SAX1V1K  
**Applicant** : ASKEY COMPUTER CORPORATION  
10F, No. 119, Jiankang Road, Zhonghe Dist., New Taipei City,  
Taiwan  
**Manufacturer** : ASKEY COMPUTER CORPORATION  
10F, No. 119, Jiankang Road, Zhonghe Dist., New Taipei City,  
Taiwan  
**Standard** : 47 CFR FCC Part 15.407

The product was received on Aug. 30, 2019, and testing was started from Aug. 30, 2019 and completed on May 26, 2020. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The 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: Allen Lin

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

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



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### Summary of Test Result

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

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

Reviewed by: Sam Tsai

Report Producer: Amber Chiu



# 1 General Description

## 1.1 Information

### 1.1.1 RF General Information

| Frequency Range (MHz) | IEEE Std. 802.11                   | Ch. Frequency (MHz) | Channel Number |
|-----------------------|------------------------------------|---------------------|----------------|
| 5150-5250             | a, n (HT20), ac (VHT20), ax(HEW20) | 5180-5240           | 36-48 [4]      |
| 5725-5850             |                                    | 5745-5825           | 149-165 [5]    |
| 5150-5250             | n (HT40), ac (VHT40), ax (HEW40)   | 5190-5230           | 38-46 [2]      |
| 5725-5850             |                                    | 5755-5795           | 151-159 [2]    |
| 5150-5250             | ac (VHT80), ax (HEW80)             | 5210                | 42 [1]         |
| 5725-5850             |                                    | 5775                | 155 [1]        |

### Non - Beamforming

| Band          | Mode           | BWch (MHz) | Nant |
|---------------|----------------|------------|------|
| 5.15-5.25GHz  | 802.11a        | 20         | 4TX  |
| 5.725-5.85GHz | 802.11a        | 20         | 4TX  |
| 5.15-5.25GHz  | 802.11ac VHT20 | 20         | 4TX  |
| 5.725-5.85GHz | 802.11ac VHT20 | 20         | 4TX  |
| 5.15-5.25GHz  | 802.11ac VHT40 | 40         | 4TX  |
| 5.725-5.85GHz | 802.11ac VHT40 | 40         | 4TX  |
| 5.15-5.25GHz  | 802.11ac VHT80 | 80         | 4TX  |
| 5.725-5.85GHz | 802.11ac VHT80 | 80         | 4TX  |
| 5.15-5.25GHz  | 802.11ax HEW20 | 20         | 4TX  |
| 5.725-5.85GHz | 802.11ax HEW20 | 20         | 4TX  |
| 5.15-5.25GHz  | 802.11ax HEW40 | 40         | 4TX  |
| 5.725-5.85GHz | 802.11ax HEW40 | 40         | 4TX  |
| 5.15-5.25GHz  | 802.11ax HEW80 | 80         | 4TX  |
| 5.725-5.85GHz | 802.11ax HEW80 | 80         | 4TX  |



Beamforming

| Band          | Mode              | BWch (MHz) | Nant |
|---------------|-------------------|------------|------|
| 5.15-5.25GHz  | 802.11ac VHT20-BF | 20         | 4TX  |
| 5.725-5.85GHz | 802.11ac VHT20-BF | 20         | 4TX  |
| 5.15-5.25GHz  | 802.11ac VHT40-BF | 40         | 4TX  |
| 5.725-5.85GHz | 802.11ac VHT40-BF | 40         | 4TX  |
| 5.15-5.25GHz  | 802.11ac VHT80-BF | 80         | 4TX  |
| 5.725-5.85GHz | 802.11ac VHT80-BF | 80         | 4TX  |
| 5.15-5.25GHz  | 802.11ax HEW20-BF | 20         | 4TX  |
| 5.725-5.85GHz | 802.11ax HEW20-BF | 20         | 4TX  |
| 5.15-5.25GHz  | 802.11ax HEW40-BF | 40         | 4TX  |
| 5.725-5.85GHz | 802.11ax HEW40-BF | 40         | 4TX  |
| 5.15-5.25GHz  | 802.11ax HEW80-BF | 80         | 4TX  |
| 5.725-5.85GHz | 802.11ax HEW80-BF | 80         | 4TX  |

Note:

- ♦ 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ VHT20, VHT40, VHT800, use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- ♦ HEW20, HEW40, HEW80 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ BWch is the nominal channel bandwidth.
- ♦ The resource unit of HEW 20, HEW 40, HEW 80 only support full loading.



1.1.2 Antenna Information

| Ant. | Brand   | Model Name | Antenna Type | Connector |
|------|---------|------------|--------------|-----------|
| 1    | Airgain | -          | PCB antenna  | N/A       |
| 2    | Airgain | -          | PCB antenna  | N/A       |
| 3    | Airgain | -          | PCB antenna  | N/A       |
| 4    | Airgain | -          | PCB antenna  | N/A       |
| 5    | Airgain | -          | PCB antenna  | N/A       |
| 6    | Airgain | -          | PCB antenna  | N/A       |
| 7    | Airgain | -          | PCB antenna  | N/A       |
| 8    | Airgain | -          | PCB antenna  | N/A       |

| Ant.    | Gain (dBi) |          |          |         |     |
|---------|------------|----------|----------|---------|-----|
|         | Peak Gain  |          |          |         |     |
|         | 2.4G       | 5G       |          |         |     |
| U-NII-1 |            | U-NII-2A | U-NII-2C | U-NII-3 |     |
| 1~4     | 4.4        | -        | -        | -       | -   |
| 5~8     | -          | 4.7      | 5.2      | 5.7     | 5.7 |

| Ant.    | Gain (dBi)      |          |          |         |     |
|---------|-----------------|----------|----------|---------|-----|
|         | Correlated Gain |          |          |         |     |
|         | 2.4G            | 5G       |          |         |     |
| U-NII-1 |                 | U-NII-2A | U-NII-2C | U-NII-3 |     |
| 1~4     | 6.9             | -        | -        | -       | -   |
| 5~8     | -               | 6.9      | 6.6      | 6.9     | 6.8 |

Note 1: The EUT has eight antennas.

**For 2.4GHz function:**

For IEEE 802.11 b/g/n/ac/ax mode (4TX/4RX)

Ant. 1 ~4 could transmit/receive simultaneously.

**For 5GHz function:**

For IEEE 802.11 a/n/ac/ax mode (4TX/4RX)

Ant. 5 ~8 could transmit/receive simultaneously.



1.1.3 EUT Information

| Operational Condition               |   |                  |                                     |                       |
|-------------------------------------|---|------------------|-------------------------------------|-----------------------|
| EUT Power Type                      | From AC Adapter   |                  |                                     |                       |
| EUT Function                        | <input type="checkbox"/>  | Outdoor AP       | <input checked="" type="checkbox"/> | Indoor AP             |
|                                     | <input type="checkbox"/>  | Fixed P2P AP     | <input type="checkbox"/>            | Outdoor/Indoor Client |
| Beamforming Function                | <input checked="" type="checkbox"/>   | With beamforming | <input type="checkbox"/>            | Without beamforming   |
| 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

Non - Beamforming

| Mode                           | DC    | DCF(dB) | T(s)   | VBW(Hz) ≥ 1/T |
|--------------------------------|-------|---------|--------|---------------|
| 802.11a_Nss1,(6Mbps)_4TX       | 0.942 | 0.26    | 1.978m | 1k            |
| 802.11ac VHT20_Nss1,(MCS0)_4TX | 0.94  | 0.27    | 5.43m  | 300           |
| 802.11ac VHT40_Nss1,(MCS0)_4TX | 0.874 | 0.58    | 5.43m  | 300           |
| 802.11ac VHT80_Nss1,(MCS0)_4TX | 0.922 | 0.35    | 5.43m  | 300           |
| 802.11ax HEW20_Nss1,(MCS0)_4TX | 0.935 | 0.29    | 5.447m | 300           |
| 802.11ax HEW40_Nss1,(MCS0)_4TX | 0.946 | 0.24    | 5.447m | 300           |
| 802.11ax HEW80_Nss1,(MCS0)_4TX | 0.938 | 0.28    | 5.447m | 300           |

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





Beamforming

| Mode   | DC    | DCF(dB) | T(s)   | VBW(Hz) ≥ 1/T |
|--|-------|---------|--------|---------------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_4TX                    | 0.935 | 0.29    | 1.949m | 1k            |
| 802.11ac VHT40-BF_Nss1,(MCS0)_4TX                    | 0.908 | 0.42    | 1.877m | 1k            |
| 802.11ac VHT80-BF_Nss1,(MCS0)_4TX                    | 0.908 | 0.42    | 1.737m | 1k            |
| 802.11ac<br>VHT80+80-BF_Nss1,(MCS0)_2TX(Port1&Port2) | 0.933 | 0.3     | 1.949m | 1k            |
| 802.11ax HEW20-BF_Nss1,(MCS0)_4TX                    | 0.774 | 1.11    | 1.765m | 1k            |
| 802.11ax HEW40-BF_Nss1,(MCS0)_4TX                    | 0.841 | 0.75    | 1.765m | 1k            |
| 802.11ax HEW80-BF_Nss1,(MCS0)_4TX                    | 0.846 | 0.73    | 1.779m | 1k            |
| 802.11ax<br>HEW80+80-BF_Nss1,(MCS0)_2TX(Port1&Port2) | 0.91  | 0.41    | 1.952m | 1k            |

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

## 1.2 Testing Applied Standards

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

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

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

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

## 1.3 Testing Location Information

| Testing Location                           |          |   |
|--|----------|---|
| <input checked="" type="checkbox"/>        | HWA YA   | ADD : No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)<br>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.)<br>TEL : 886-3-656-9065      FAX : 886-3-656-9085          |
| Test site Designation No. TW0006 with FCC. |          |   |
| <input checked="" type="checkbox"/>        | Wen Shan | ADD : No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)<br>TEL : 886-3-318-0787      FAX : 886-3-318-0287 |
| Test site Designation No. TW1097 with FCC. |          |   |

| Test Condition | Test Site No. | Test Engineer | Test Environment     | Test Date  |
|----------------|---------------|---------------|----------------------|--|
| AC Conduction  | CO04-HY       | Edward Wang   | 22.3~24.5°C / 62~68% | 06/May/2020  |
| RF Conducted   | TH01-HY       | Barry Hsiao   | 22.5~25.8°C / 51~67% | 19/Sep/2019~<br>26/May/2020                                |
| Radiated       | 03CH09-HY     | Lego Lin      | 20.3~23.1°C / 55~61% | 30/Aug/2019~<br>27/Sep/2019<br>28/Apr/2020~<br>21/May/2020 |



### 1.4 Measurement Uncertainty

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

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



## 2 Test Configuration of EUT

### 2.1 Test Condition

| Condition Item | Abbreviation/Remark | Remark |
|----------------|---------------------|--------|
| TnomVnom       | Tnom                | 20°C   |
| -              | Vnom                | 120V   |

### 2.2 Test Channel Mode

|                       |      |
|-----------------------|------|
| Test Software Version | QSPR |
|-----------------------|------|

#### Non - Beamforming

| Mode                           | Power Setting |
|--------------------------------|---------------|
| 802.11a_Nss1,(6Mbps)_4TX       | -             |
| 5180MHz                        | 21.5          |
| 5200MHz                        | 22.5          |
| 5240MHz                        | 23.5          |
| 5745MHz                        | 24            |
| 5785MHz                        | 24            |
| 5825MHz                        | 24.5          |
| 802.11ac VHT20_Nss1,(MCS0)_4TX | -             |
| 5180MHz                        | 22            |
| 5200MHz                        | 22.5          |
| 5240MHz                        | 23.5          |
| 5745MHz                        | 24            |
| 5785MHz                        | 24            |
| 5825MHz                        | 24.5          |
| 802.11ac VHT40_Nss1,(MCS0)_4TX | -             |
| 5190MHz                        | 20.5          |
| 5230MHz                        | 24            |
| 5755MHz                        | 24            |
| 5795MHz                        | 24            |
| 802.11ac VHT80_Nss1,(MCS0)_4TX | -             |
| 5210MHz                        | 18.5          |
| 5775MHz                        | 22            |
| 802.11ax HEW20_Nss1,(MCS0)_4TX | -             |
| 5180MHz                        | 22.5          |



| Mode                           | Power Setting |
|--------------------------------|---------------|
| 5200MHz                        | 22.5          |
| 5240MHz                        | 23            |
| 5745MHz                        | 24            |
| 5785MHz                        | 24            |
| 5825MHz                        | 24.5          |
| 802.11ax HEW40_Nss1,(MCS0)_4TX | -             |
| 5190MHz                        | 18.5          |
| 5230MHz                        | 24            |
| 5755MHz                        | 24            |
| 5795MHz                        | 24            |
| 802.11ax HEW80_Nss1,(MCS0)_4TX | -             |
| 5210MHz                        | 17.5          |
| 5775MHz                        | 21.5          |

**Beamforming**

| Mode                              | Power Setting |
|-----------------------------------|---------------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_4TX | -             |
| 5180MHz                           | 26.5          |
| 5200MHz                           | 28.5          |
| 5240MHz                           | 28.5          |
| 5745MHz                           | 25.5          |
| 5785MHz                           | 28.5          |
| 5825MHz                           | 26.5          |
| 802.11ac VHT40-BF_Nss1,(MCS0)_4TX | -             |
| 5190MHz                           | 27.5          |
| 5230MHz                           | 27.5          |
| 5755MHz                           | 28            |
| 5795MHz                           | 27.5          |
| 802.11ac VHT80-BF_Nss1,(MCS0)_4TX | -             |
| 5210MHz                           | 23            |
| 5775MHz                           | 28            |
| 802.11ax HEW20-BF_Nss1,(MCS0)_4TX | -             |
| 5180MHz                           | 26.5          |
| 5200MHz                           | 28.5          |
| 5240MHz                           | 28.5          |




| Mode                              | Power Setting |
|-----------------------------------|---------------|
| 5745MHz                           | 28.5          |
| 5785MHz                           | 27.5          |
| 5825MHz                           | 26.5          |
| 802.11ax HEW40-BF_Nss1,(MCS0)_4TX | -             |
| 5190MHz                           | 27.5          |
| 5230MHz                           | 27.5          |
| 5755MHz                           | 28            |
| 5795MHz                           | 27.5          |
| 802.11ax HEW80-BF_Nss1,(MCS0)_4TX | -             |
| 5210MHz                           | 23            |
| 5775MHz                           | 28            |

### 2.3 The Worst Case Measurement Configuration

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

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

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

| The Worst Case Mode for Following Conformance Tests                                   |                                    |
|---|------------------------------------|
| Tests Item  | Simultaneous Transmission Analysis |
| Operating Mode  | CTX                                |
| 1   | WLAN 2.4GHz + WLAN 5GHz            |
| Refer to Sporton Test Report No.: FA9N1813-01 for Co-location RF Exposure Evaluation. |                                    |

## 2.4 Accessories

| Accessories  |              |  |            |                  |
|--------------|--------------|--|------------|------------------|
| AC Adapter 1 | Brand Name   | FLYPOWER   | Model Name | PS36L120K3000UD  |
|              | Power Rating | I/P: 100 - 120Vac, 1.0 A, O/P: 12.0 Vdc, 3.0 A         |            |                  |
|              | Power Cord   | 1.5 meter, Non-Shielded cable, w/o ferrite core        |            |                  |
| AC Adapter 2 | Brand Name   | Sunny  | Model Name | SYS1620L-3612-W2 |
|              | Power Rating | I/P: 90 - 135Vac, 47-63Hz, 1.5 A, O/P: 12.0 Vdc, 3.0 A |            |                  |
|              | Power Cord   | 1.5 meter, Non-Shielded cable, w/o ferrite core        |            |                  |
| RJ45 Cable   | Cable        | 1.75 meter, non-shielded cable, w/o ferrite core       |            |                  |

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

## 2.5 Support Equipment

| Support Equipment – Conducted |                       |            |              |        |        |
|-------------------------------|-----------------------|------------|--------------|--------|--------|
| No.                           | Equipment             | Brand Name | Model Name   | FCC ID | Remark |
| 1                             | Notebook              | DELL       | E5410        | -      | -      |
| 2                             | Adapter for NB        | DELL       | HA65NM130    | -      | -      |
| 3                             | Notebook for BF       | DELL       | E5410        | -      | -      |
| 4                             | Adapter for NB for BF | DELL       | HA65NM130    | -      | -      |
| 5                             | Client                | Askey      | RT5010W-D187 | -      | -      |

Note: Support equipment No.5 was provided by customer.

| Support Equipment – AC Conduction |                           |            |              |        |        |
|-----------------------------------|---------------------------|------------|--------------|--------|--------|
| No.                               | Equipment                 | Brand Name | Model Name   | FCC ID | Remark |
| 1                                 | Notebook                  | Dell       | PP13S        | -      | -      |
| 2                                 | Adapter for NB            | Dell       | AA90PM111    | -      | -      |
| 3                                 | RJ-45 cable               | Power sync | CAT-6E-10    | -      | -      |
| 4                                 | Notebook (Remote)         | Dell       | PP13S        | -      | -      |
| 5                                 | Adapter for NB (Remote)   | Dell       | AA90PM111    | -      | -      |
| 6                                 | Client (Remote)           | Askey      | RT5010W-D187 | -      | -      |
| 7                                 | RJ-45 cable (Remote)      | Power sync | CAT-6E--01   | -      | -      |
| 8                                 | AC Power Cablex3 (Remote) | Power sync | PW-GPC180-3  | -      | -      |

Note: Support equipment No.6 was provided by customer.

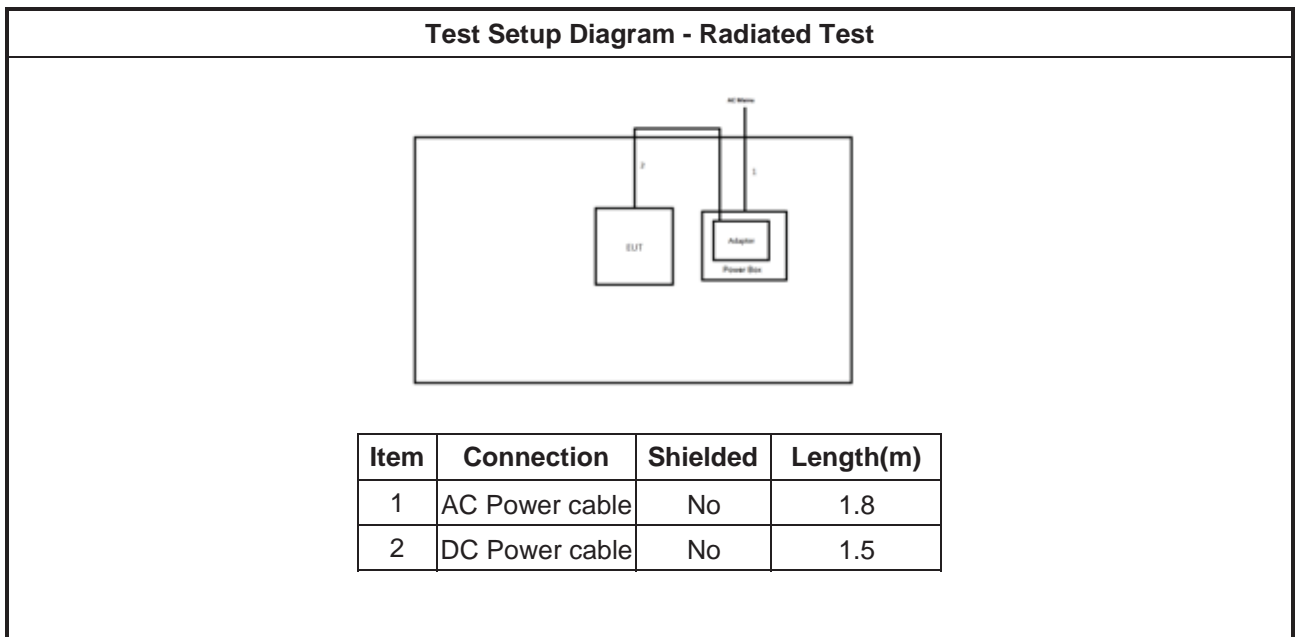
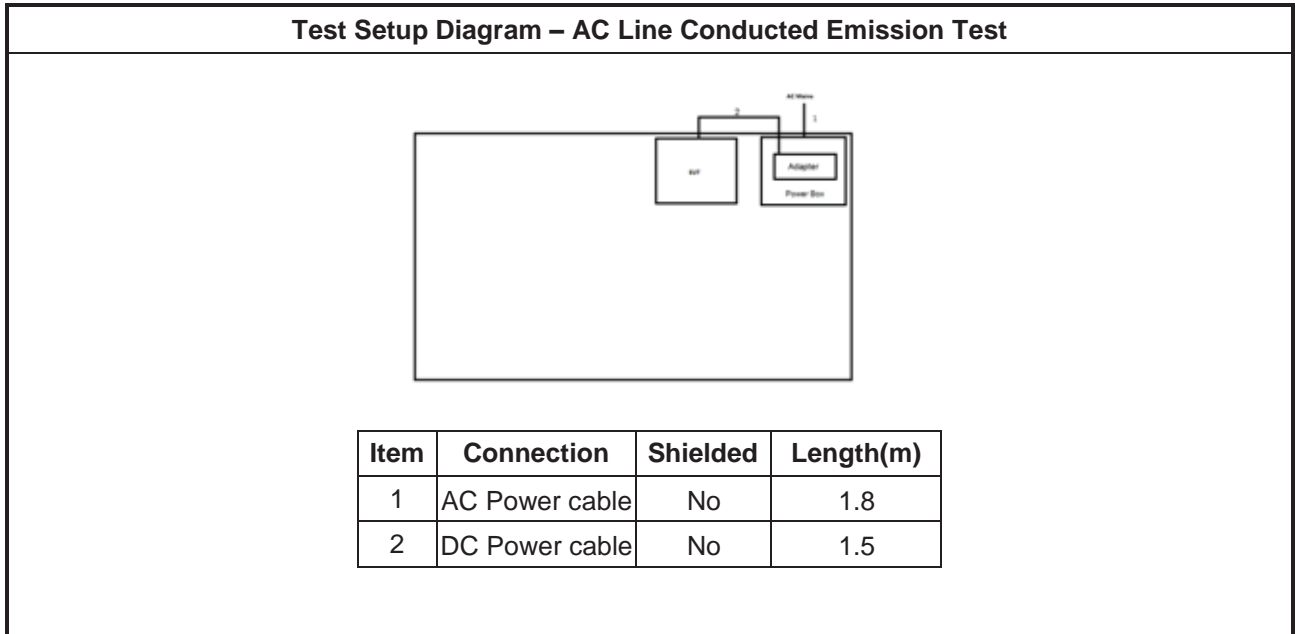




| Support Equipment – Radiated |                           |            |              |        |        |
|------------------------------|---------------------------|------------|--------------|--------|--------|
| No.                          | Equipment                 | Brand Name | Model Name   | FCC ID | Remark |
| 1                            | Notebook                  | Dell       | PP13S        | -      | -      |
| 2                            | Adapter for NB            | Dell       | AA90PM111    | -      | -      |
| 3                            | RJ-45 cable               | Power sync | CAT-6E-10    | -      | -      |
| 4                            | Notebook (Remote)         | Dell       | PP13S        | -      | -      |
| 5                            | Adapter for NB (Remote)   | Dell       | AA90PM111    | -      | -      |
| 6                            | Client (Remote)           | Askey      | RT5010W-D187 | -      | -      |
| 7                            | RJ-45 cable (Remote)      | Power sync | CAT-6E--01   | -      | -      |
| 8                            | AC Power Cablex3 (Remote) | Power sync | PW-GPC180-3  | -      | -      |

Note: Support equipment No.6 was provided by customer.

## 2.6 Test Setup Diagram





### 3 Transmitter Test Result

#### 3.1 AC Power-line Conducted Emissions

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

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

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

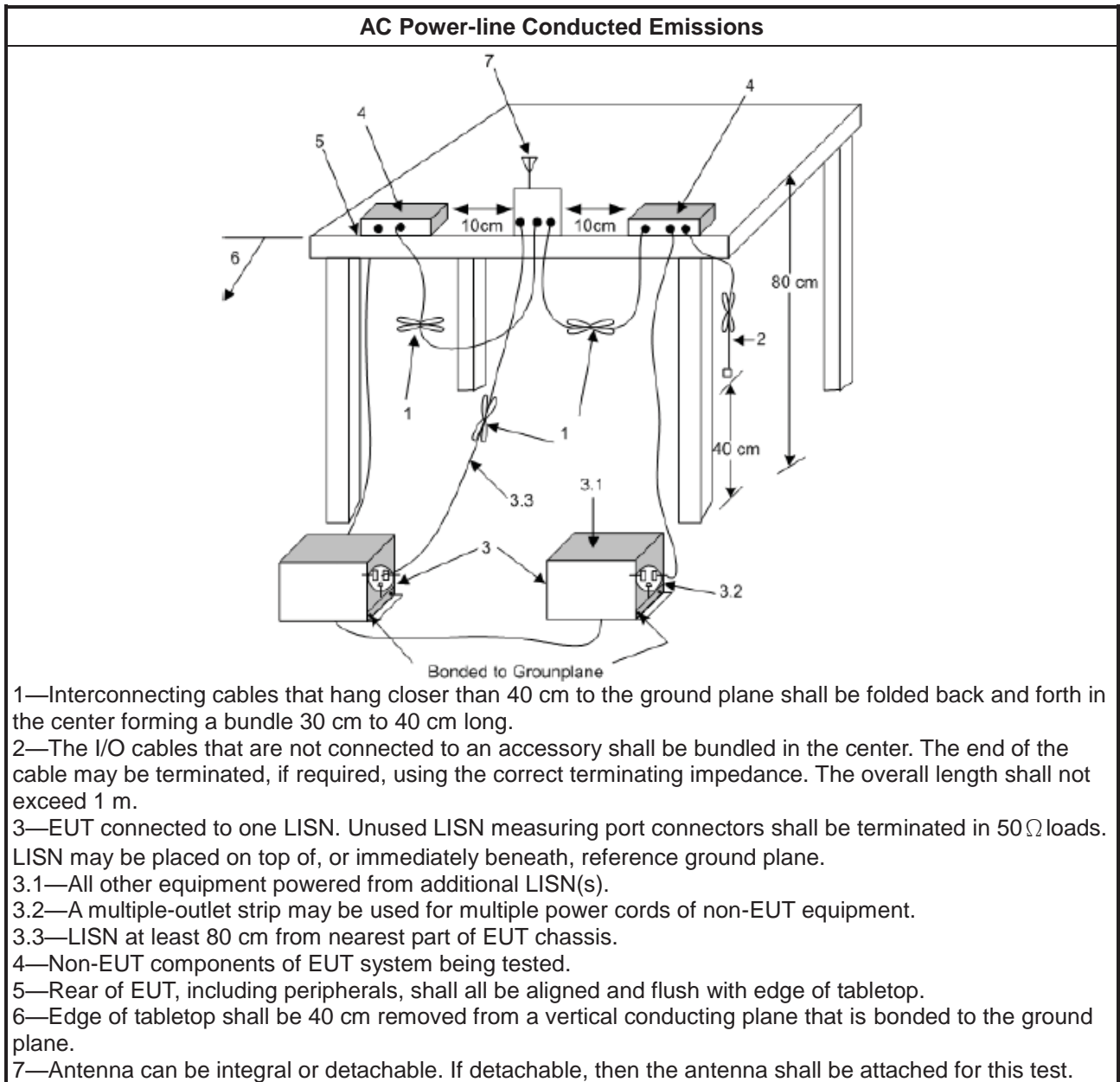
##### 3.1.2 Measuring Instruments

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

##### 3.1.3 Test Procedures

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

### 3.1.4 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 type="checkbox"/>            | For the 5.25-5.35 GHz band, N/A                                     |
| <input type="checkbox"/>            | For the 5.47-5.725 GHz band, N/A                                    |
| <input checked="" type="checkbox"/> | For the 5.725-5.85 GHz band, 6 dB emission bandwidth $\geq$ 500kHz. |

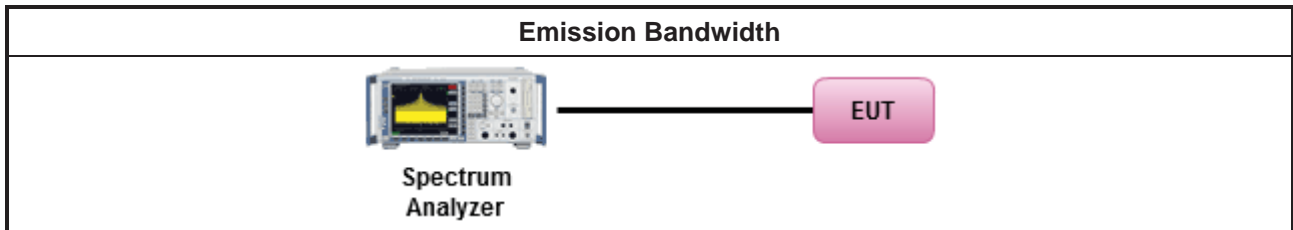
#### 3.2.2 Measuring Instruments

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

#### 3.2.3 Test Procedures

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

#### 3.2.4 Test Setup



#### 3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B



### 3.3 Maximum Conducted Output Power

#### 3.3.1 Maximum Conducted Output Power Limit

| Maximum Conducted Output Power Limit   |  |
|--|--|
| <b>UNII Devices</b>  |  |
| <input checked="" type="checkbox"/> For the 5.15-5.25 GHz band:  |  |
|  | <ul style="list-style-type: none"> <li>▪ Outdoor AP: the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 6)</math>. e.i.r.p. at any elevation angle above 30 degrees <math>\leq 125mW</math> [21dBm]</li> <li>▪ Indoor AP: the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 6)</math></li> <li>▪ Point-to-point AP: the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W. If <math>G_{TX} &gt; 23</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 23)</math>.</li> <li>▪ Mobile or Portable Client: the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 250 mW. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 24 - (G_{TX} - 6)</math>.</li> </ul> |
| <input 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 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.   |  |

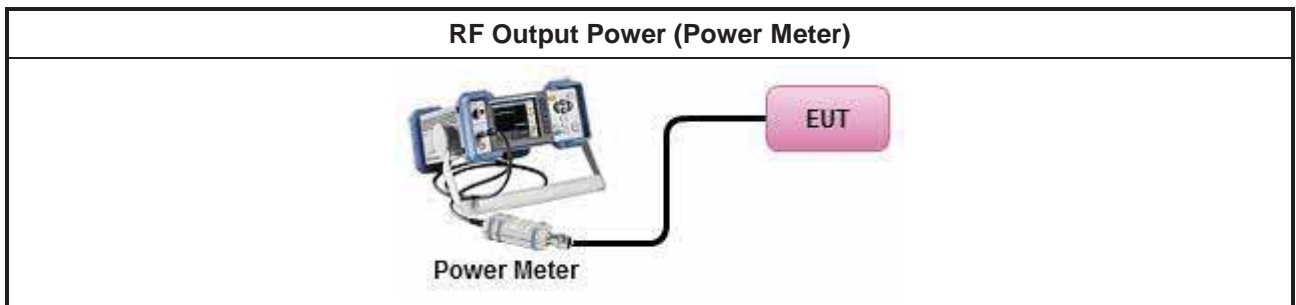
### 3.3.2 Measuring Instruments

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

### 3.3.4 Test Setup



### 3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C



### 3.4 Peak Power Spectral Density

#### 3.4.1 Peak Power Spectral Density Limit

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

#### 3.4.2 Measuring Instruments

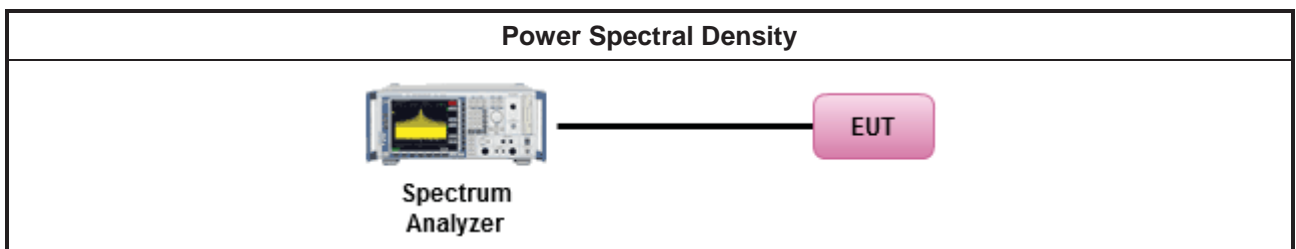
Refer a test equipment and calibration data table in this test report.



### 3.4.3 Test Procedures

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

### 3.4.4 Test Setup



### 3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

### 3.5 Unwanted Emissions

#### 3.5.1 Transmitter Radiated Unwanted Emissions Limit

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

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

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

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

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

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

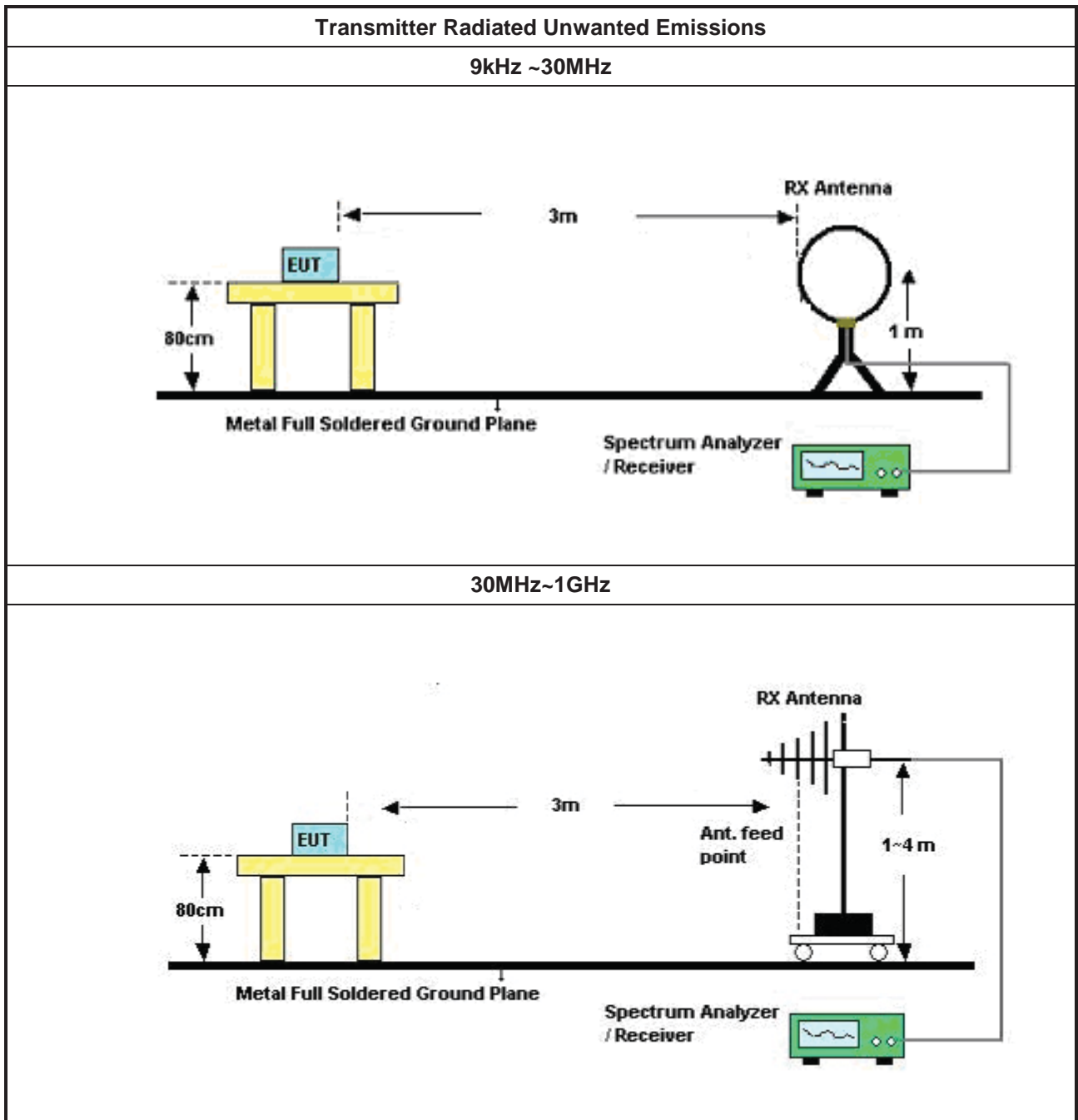
### 3.5.2 Measuring Instruments

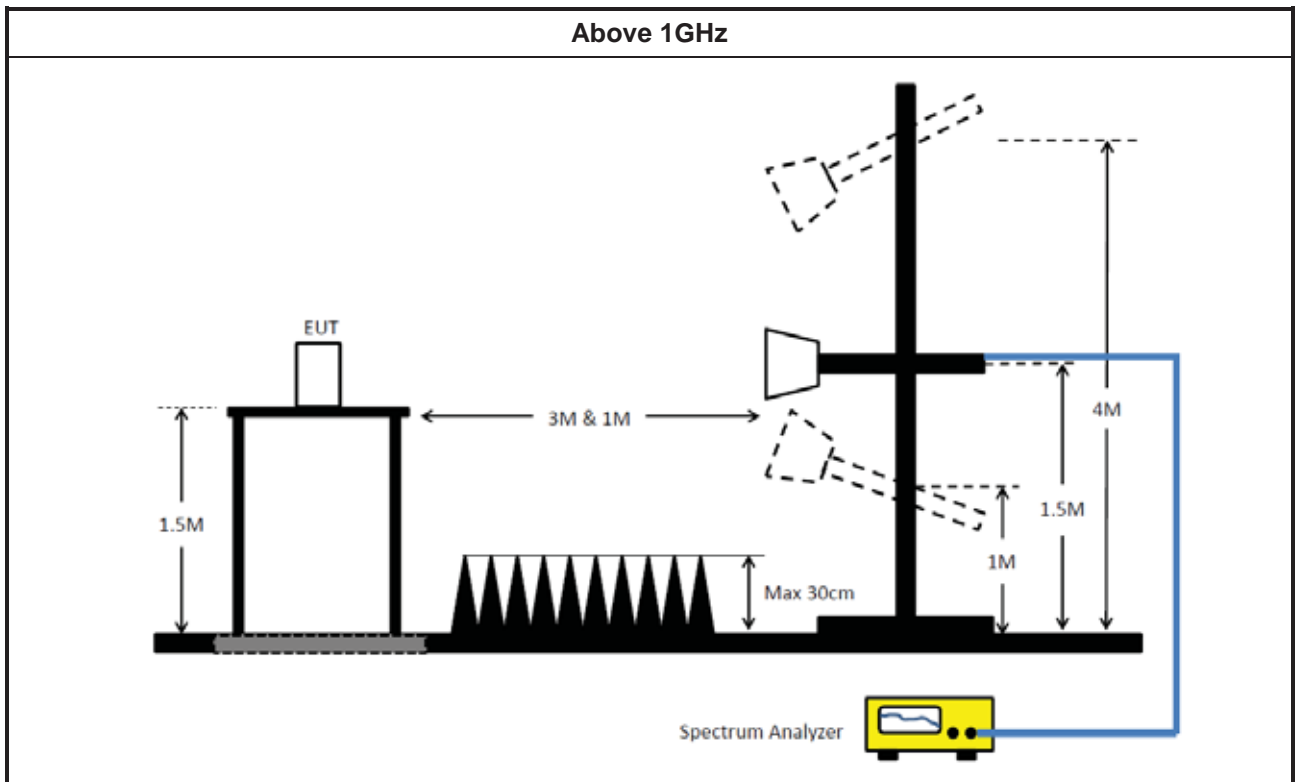
Refer a test equipment and calibration data table in this test report.

### 3.5.3 Test Procedures

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

### 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



## 4 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          | ESR3        | 102051     | 9kHz ~ 3.6GHz       | 28/May/2019      | 27/May/2020          |
| LISN                                 | R&S          | ENV216      | 101295     | 9kHz ~ 30MHz        | 04/Nov/2019      | 03/Nov/2020          |
| RF Cable-CON                         | MTJ          | RG142       | CB002-CO   | 9kHz ~ 200MHz       | 12/Sep/2019      | 11/Sep/2020          |
| 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      | 24/Sep/2019      | 23/Sep/2020          |

**NCR : Non-Calibration Require**

### Instrument for Conducted Test

| Instrument                     | Manufacturer | Model No. | Serial No. | Spec.        | Calibration Date | Calibration Due Date |
|--------------------------------|--------------|-----------|------------|--------------|------------------|----------------------|
| Signal Analyzer                | R&S          | FSV40     | 101500     | 10Hz~40GHz   | 15/Aug/2019      | 14/Aug/2020          |
| SMB100A<br>Signal<br>Generator | R&S          | SMB100A03 | 181147     | 100kHz~40GHz | 12/Nov/2018      | 11/Nov/2020          |
| Power Sensor                   | Anritsu      | MA2411B   | 0917017    | 300MHz~40GHz | 17/Feb/2020      | 16/Feb/2021          |
| Power Meter                    | Anritsu      | ML2495A   | 0949003    | 300MHz~40GHz | 17/Feb/2020      | 16/Feb/2021          |
| Power Sensor                   | Anritsu      | MA2411B   | 0917017    | 300MHz~40GHz | 19/Feb/2019      | 18/Feb/2020          |
| Power Meter                    | Anritsu      | ML2495A   | 0949003    | 300MHz~40GHz | 19/Feb/2019      | 18/Feb/2020          |



**Instrument for Radiated Test**

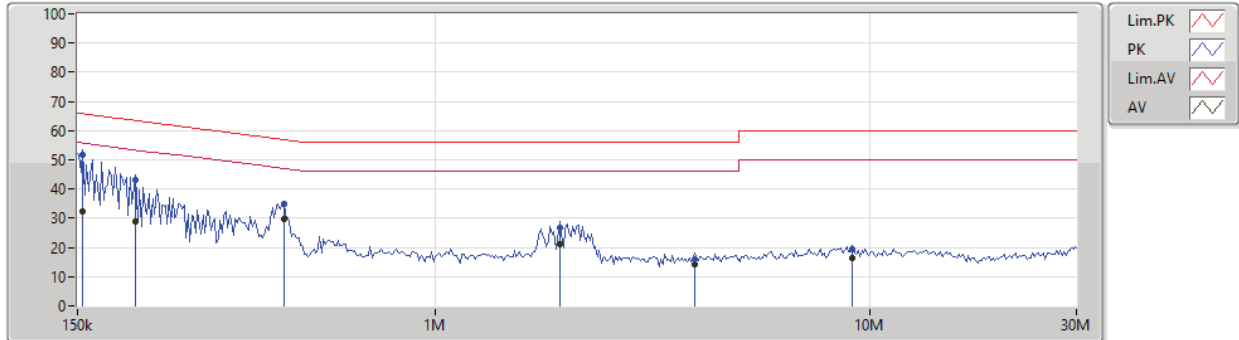
| Instrument                       | Manufacturer | Model No.             | Serial No.           | Spec.          | Calibration Date | Calibration Due Date |
|----------------------------------|--------------|-----------------------|----------------------|----------------|------------------|----------------------|
| 3m Semi Anechoic Chamber         | TDK          | SAC-3M                | 03CH09-HY            | 30MHz ~ 1GHz   | 27/Mar/2020      | 26/Mar/2021          |
| 3m Semi Anechoic Chamber         | TDK          | SAC-3M                | 03CH09-HY            | 30MHz ~ 1GHz   | 20/Mar/2019      | 19/Mar/2020          |
| 3m Semi Anechoic Chamber         | TDK          | SAC-3M                | 03CH09-HY            | 1GHz ~ 18GHz   | 19/Mar/2020      | 18/Mar/2021          |
| 3m Semi Anechoic Chamber         | TDK          | SAC-3M                | 03CH09-HY            | 1GHz ~ 18GHz   | 20/Mar/2019      | 19/Mar/2020          |
| Microwave Preamplifier           | Agilent      | 8449B                 | 3008A02373           | 1GHz ~ 26.5GHz | 23/Oct/2019      | 22/Oct/2020          |
| Microwave Preamplifier           | Agilent      | 8449B                 | 3008A02096           | 1GHz ~ 26.5GHz | 03/Sep/2020      | 02/Sep/2021          |
| Amplifier                        | EMC          | EMC9135               | 980232               | 9kHz~1GHz      | 22/Apr/2019      | 21/Apr/2020          |
| Amplifier                        | EMC          | EMC9135               | 980232               | 9kHz~1GHz      | 14/Apr/2020      | 13/Apr/2021          |
| EMI Test Receiver                | R&S          | ESR3                  | 102051               | 9kHz ~ 3.6GHz  | 27/May/2020      | 26/May/2021          |
| EXA Signal Analyzer              | KEYSIGHT     | N9010A                | MY54200885           | 10Hz ~ 44GHz   | 07/Aug/2019      | 06/Aug/2020          |
| Bilog Antenna & 5dB Attenuator   | TESEQ & MTJ  | CBL6111D & MTJ6102-05 | 35418 / 3            | 30MHz~1GHz     | 04/Oct/2018      | 03/Oct/2019          |
| Bilog Antenna & 5dB Attenuator   | TESEQ & MTJ  | CBL6111D & MTJ6102-05 | 35418 / 3            | 30MHz~1GHz     | 11/Oct/2019      | 10/Oct/2020          |
| Double Ridged Guide Horn Antenna | SCHWARZBECK  | BBHA 9120 D           | BBHA9120 D 1534      | 1GHz~18GHz     | 22/May/2019      | 21/May/2020          |
| Preamplifier                     | MITEQ        | TTA1840-35-HG         | 1864481              | 18GHz ~ 40GHz  | 04/Aug/2020      | 03/Aug/2021          |
| Loop Antenna                     | TESEQ        | HLA 6120              | 31244                | 9kHz-30MHz     | 15/Mar/2019      | 14/Mar/2020          |
| Loop Antenna                     | TESEQ        | HLA 6120              | 31244                | 9kHz-30MHz     | 16/Mar/2020      | 15/Mar/2021          |
| RF Cable-R03m                    | Jye Bao      | RG142                 | CB031+324530/4       | 30MHz~1GHz     | 13/Mar/2019      | 12/Mar/2020          |
| RF Cable-R03m                    | Jye Bao      | RG142                 | CB031+324530/4       | 30MHz~1GHz     | 12/Feb/2020      | 11/Feb/2021          |
| RF Cable-R03m                    | HUBER+SUHNER | SUCOFLEX104           | SN 556626/4 + 556627 | 1GHz ~ 40GHz   | 13/Mar/2019      | 12/Mar/2020          |
| RF Cable-R03m                    | HUBER+SUHNER | SUCOFLEX104           | SN 556626/4 + 556627 | 1GHz ~ 40GHz   | 12/Feb/2020      | 11/Feb/2021          |



AC Power-line Conducted Emissions Result

|                    |                           |             |         |
|--------------------|---------------------------|-------------|---------|
| Operating Mode     | 1                         | Power Phase | Neutral |
| Operating Function | Adapter mode ; WIFI 5G TX |             |         |

06/05/2020



| Type | Freq (Hz) | Level (dBuV) | Limit (dBuV) | Margin (dB) | Factor (dB) | Condition | Comment | Raw (dBuV) | LISN (dB) | CL (dB) | AT (dB) |
|------|-----------|--------------|--------------|-------------|-------------|-----------|---------|------------|-----------|---------|---------|
| QP   | 154.545k  | 51.80        | 65.75        | -13.95      | 19.63       | Neutral   | "Worst" | 32.17      | 9.65      | 0.11    | 9.87    |
| AV   | 154.545k  | 32.17        | 55.75        | -23.58      | 19.63       | Neutral   | -       | 12.54      | 9.65      | 0.11    | 9.87    |
| QP   | 204.199k  | 43.07        | 63.44        | -20.37      | 19.62       | Neutral   | -       | 23.45      | 9.64      | 0.11    | 9.87    |
| AV   | 204.199k  | 29.02        | 53.44        | -24.42      | 19.62       | Neutral   | -       | 9.40       | 9.64      | 0.11    | 9.87    |
| QP   | 448.17k   | 34.95        | 56.92        | -21.97      | 19.63       | Neutral   | -       | 15.32      | 9.63      | 0.13    | 9.87    |
| AV   | 448.17k   | 29.61        | 46.92        | -17.31      | 19.63       | Neutral   | -       | 9.98       | 9.63      | 0.13    | 9.87    |
| QP   | 1.935M    | 26.59        | 56.00        | -29.41      | 19.67       | Neutral   | -       | 6.92       | 9.65      | 0.15    | 9.87    |
| AV   | 1.935M    | 21.15        | 46.00        | -24.85      | 19.67       | Neutral   | -       | 1.48       | 9.65      | 0.15    | 9.87    |
| QP   | 3.961M    | 16.02        | 56.00        | -39.98      | 19.73       | Neutral   | -       | -3.71      | 9.66      | 0.19    | 9.88    |
| AV   | 3.961M    | 14.15        | 46.00        | -31.85      | 19.73       | Neutral   | -       | -5.58      | 9.66      | 0.19    | 9.88    |
| QP   | 9.137M    | 19.50        | 60.00        | -40.50      | 19.84       | Neutral   | -       | -0.34      | 9.70      | 0.26    | 9.88    |
| AV   | 9.137M    | 16.55        | 50.00        | -33.45      | 19.84       | Neutral   | -       | -3.29      | 9.70      | 0.26    | 9.88    |

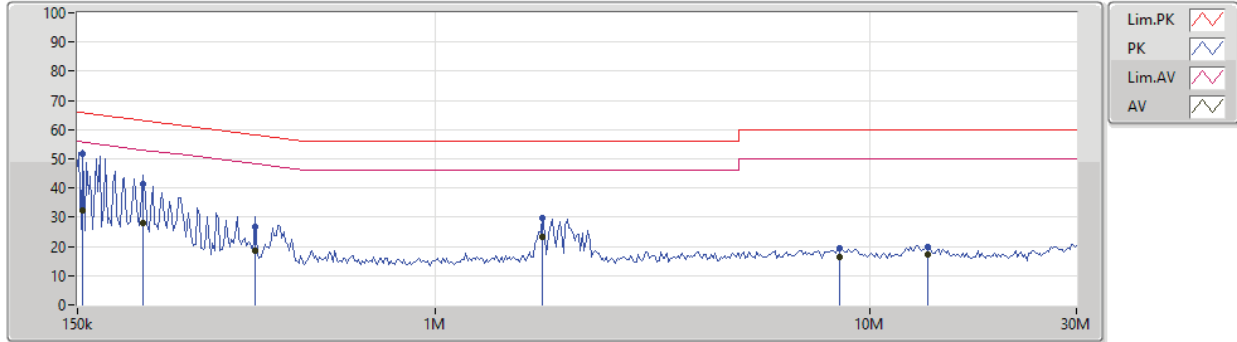




AC Power-line Conducted Emissions Result

|                    |                           |             |      |
|--------------------|---------------------------|-------------|------|
| Operating Mode     | 1                         | Power Phase | Line |
| Operating Function | Adapter mode ; WIFI 5G TX |             |      |

06/05/2020



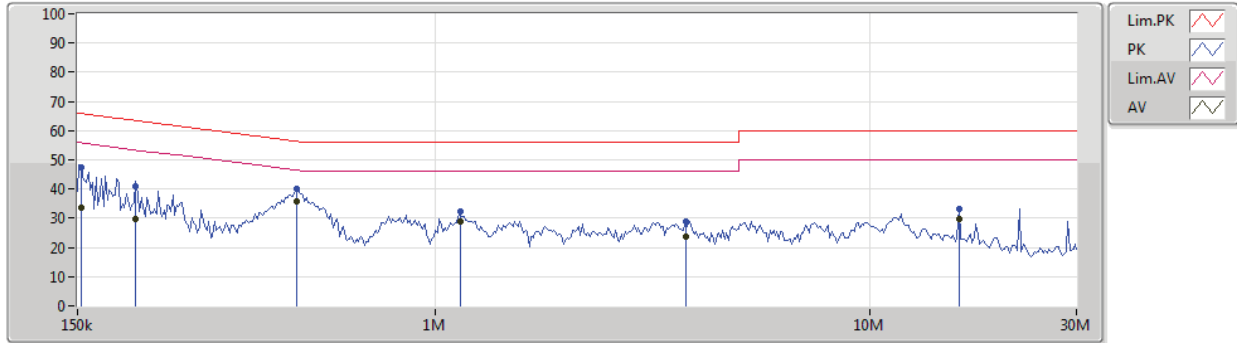
| Type | Freq (Hz) | Level (dBuV) | Limit (dBuV) | Margin (dB) | Factor (dB) | Condition | Comment | Raw (dBuV) | LISN (dB) | CL (dB) | AT (dB) |
|------|-----------|--------------|--------------|-------------|-------------|-----------|---------|------------|-----------|---------|---------|
| QP   | 154.545k  | 51.90        | 65.75        | -13.85      | 19.64       | Line      | "Worst" | 32.26      | 9.66      | 0.11    | 9.87    |
| AV   | 154.545k  | 32.21        | 55.75        | -23.54      | 19.64       | Line      | -       | 12.57      | 9.66      | 0.11    | 9.87    |
| QP   | 212.49k   | 41.28        | 63.11        | -21.83      | 19.63       | Line      | -       | 21.65      | 9.65      | 0.11    | 9.87    |
| AV   | 212.49k   | 27.90        | 53.11        | -25.21      | 19.63       | Line      | -       | 8.27       | 9.65      | 0.11    | 9.87    |
| QP   | 386.031k  | 26.65        | 58.14        | -31.49      | 19.64       | Line      | -       | 7.01       | 9.64      | 0.13    | 9.87    |
| AV   | 386.031k  | 18.42        | 48.14        | -29.72      | 19.64       | Line      | -       | -1.22      | 9.64      | 0.13    | 9.87    |
| QP   | 1.769M    | 29.60        | 56.00        | -26.40      | 19.66       | Line      | -       | 9.94       | 9.65      | 0.14    | 9.87    |
| AV   | 1.769M    | 23.18        | 46.00        | -22.82      | 19.66       | Line      | -       | 3.52       | 9.65      | 0.14    | 9.87    |
| QP   | 8.523M    | 19.27        | 60.00        | -40.73      | 19.81       | Line      | -       | -0.54      | 9.68      | 0.25    | 9.88    |
| AV   | 8.523M    | 16.37        | 50.00        | -33.63      | 19.81       | Line      | -       | -3.44      | 9.68      | 0.25    | 9.88    |
| QP   | 13.604M   | 19.94        | 60.00        | -40.06      | 19.85       | Line      | -       | 0.09       | 9.67      | 0.30    | 9.88    |
| AV   | 13.604M   | 17.04        | 50.00        | -32.96      | 19.85       | Line      | -       | -2.81      | 9.67      | 0.30    | 9.88    |



AC Power-line Conducted Emissions Result

|                    |                                |             |         |
|--------------------|--------------------------------|-------------|---------|
| Operating Mode     | 1                              | Power Phase | Neutral |
| Operating Function | AC Adapter mode ;WIFI 5G-BF TX |             |         |

06/05/2020



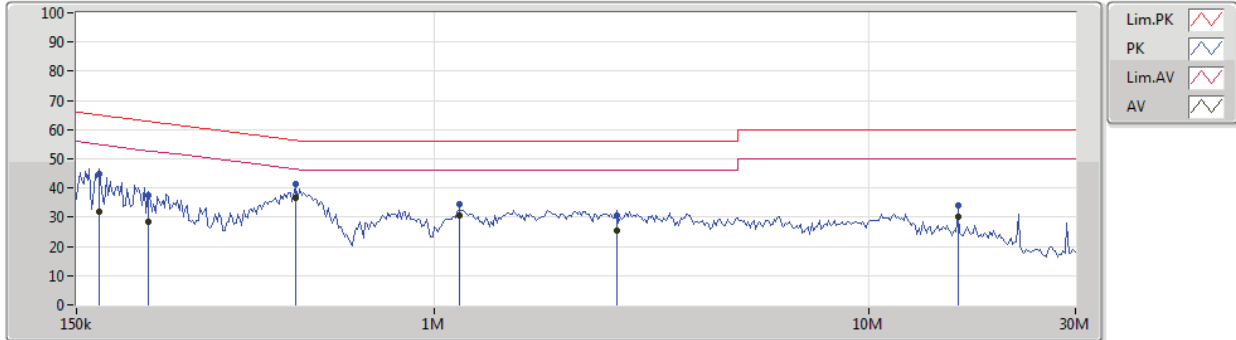
| Type | Freq (Hz) | Level (dBuV) | Limit (dBuV) | Margin (dB) | Factor (dB) | Condition | Comment | Raw (dBuV) | LISN (dB) | CL (dB) | AT (dB) |
|------|-----------|--------------|--------------|-------------|-------------|-----------|---------|------------|-----------|---------|---------|
| QP   | 153.015k  | 47.58        | 65.83        | -18.25      | 19.63       | Neutral   | -       | 27.95      | 9.65      | 0.11    | 9.87    |
| AV   | 153.015k  | 33.66        | 55.83        | -22.17      | 19.63       | Neutral   | -       | 14.03      | 9.65      | 0.11    | 9.87    |
| QP   | 204.199k  | 40.97        | 63.44        | -22.47      | 19.62       | Neutral   | -       | 21.35      | 9.64      | 0.11    | 9.87    |
| AV   | 204.199k  | 29.84        | 53.44        | -23.60      | 19.62       | Neutral   | -       | 10.22      | 9.64      | 0.11    | 9.87    |
| QP   | 480.498k  | 40.26        | 56.33        | -16.07      | 19.63       | Neutral   | -       | 20.63      | 9.63      | 0.13    | 9.87    |
| AV   | 480.498k  | 35.71        | 46.33        | -10.62      | 19.63       | Neutral   | "Worst" | 16.08      | 9.63      | 0.13    | 9.87    |
| QP   | 1.142M    | 32.52        | 56.00        | -23.48      | 19.63       | Neutral   | -       | 12.89      | 9.63      | 0.12    | 9.88    |
| AV   | 1.142M    | 28.91        | 46.00        | -17.09      | 19.63       | Neutral   | -       | 9.28       | 9.63      | 0.12    | 9.88    |
| QP   | 3.769M    | 28.84        | 56.00        | -27.16      | 19.72       | Neutral   | -       | 9.12       | 9.66      | 0.18    | 9.88    |
| AV   | 3.769M    | 23.92        | 46.00        | -22.08      | 19.72       | Neutral   | -       | 4.20       | 9.66      | 0.18    | 9.88    |
| QP   | 16.112M   | 33.21        | 60.00        | -26.79      | 19.91       | Neutral   | -       | 13.30      | 9.71      | 0.32    | 9.88    |
| AV   | 16.112M   | 29.61        | 50.00        | -20.39      | 19.91       | Neutral   | -       | 9.70       | 9.71      | 0.32    | 9.88    |



AC Power-line Conducted Emissions Result

|                    |                                |             |      |
|--------------------|--------------------------------|-------------|------|
| Operating Mode     | 1                              | Power Phase | Line |
| Operating Function | AC Adapter mode ;WIFI 5G-BF TX |             |      |

06/05/2020



| Type | Freq (Hz) | Level (dBuV) | Limit (dBuV) | Margin (dB) | Factor (dB) | Condition | Comment | Raw (dBuV) | LISN (dB) | CL (dB) | AT (dB) |
|------|-----------|--------------|--------------|-------------|-------------|-----------|---------|------------|-----------|---------|---------|
| QP   | 169.024k  | 44.71        | 65.01        | -20.30      | 19.64       | Line      | -       | 25.07      | 9.66      | 0.11    | 9.87    |
| AV   | 169.024k  | 31.71        | 55.01        | -23.30      | 19.64       | Line      | -       | 12.07      | 9.66      | 0.11    | 9.87    |
| QP   | 218.929k  | 37.56        | 62.86        | -25.30      | 19.63       | Line      | -       | 17.93      | 9.65      | 0.11    | 9.87    |
| AV   | 218.929k  | 28.47        | 52.86        | -24.39      | 19.63       | Line      | -       | 8.84       | 9.65      | 0.11    | 9.87    |
| QP   | 480.498k  | 41.30        | 56.33        | -15.03      | 19.64       | Line      | -       | 21.66      | 9.64      | 0.13    | 9.87    |
| AV   | 480.498k  | 36.62        | 46.33        | -9.71       | 19.64       | Line      | "Worst" | 16.98      | 9.64      | 0.13    | 9.87    |
| QP   | 1.142M    | 34.28        | 56.00        | -21.72      | 19.64       | Line      | -       | 14.64      | 9.64      | 0.12    | 9.88    |
| AV   | 1.142M    | 30.61        | 46.00        | -15.39      | 19.64       | Line      | -       | 10.97      | 9.64      | 0.12    | 9.88    |
| QP   | 2.634M    | 30.69        | 56.00        | -25.31      | 19.68       | Line      | -       | 11.01      | 9.65      | 0.16    | 9.87    |
| AV   | 2.634M    | 25.35        | 46.00        | -20.65      | 19.68       | Line      | -       | 5.67       | 9.65      | 0.16    | 9.87    |
| QP   | 16.112M   | 33.96        | 60.00        | -26.04      | 19.86       | Line      | -       | 14.10      | 9.66      | 0.32    | 9.88    |
| AV   | 16.112M   | 30.08        | 50.00        | -19.92      | 19.86       | Line      | -       | 10.22      | 9.66      | 0.32    | 9.88    |



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)_4TX       | 22.71M           | 16.462M         | 16M5D1D  | 18.63M           | 16.342M         |
| 802.11ac VHT20_Nss1,(MCS0)_4TX | 21.21M           | 17.661M         | 17M7D1D  | 19.41M           | 17.571M         |
| 802.11ac VHT40_Nss1,(MCS0)_4TX | 40.56M           | 36.162M         | 36M2D1D  | 39.78M           | 35.982M         |
| 802.11ac VHT80_Nss1,(MCS0)_4TX | 81.84M           | 75.442M         | 75M4D1D  | 81.48M           | 75.322M         |
| 802.11ax HEW20_Nss1,(MCS0)_4TX | 22.08M           | 18.951M         | 19M0D1D  | 20.49M           | 18.771M         |
| 802.11ax HEW40_Nss1,(MCS0)_4TX | 41.22M           | 37.781M         | 37M8D1D  | 40.32M           | 37.601M         |
| 802.11ax HEW80_Nss1,(MCS0)_4TX | 82.56M           | 77.121M         | 77M1D1D  | 82.2M            | 76.882M         |
| 5.725-5.85GHz                  | -                | -               | -        | -                | -               |
| 802.11a_Nss1,(6Mbps)_4TX       | 16.29M           | 16.522M         | 16M5D1D  | 11.04M           | 16.342M         |
| 802.11ac VHT20_Nss1,(MCS0)_4TX | 17.49M           | 17.601M         | 17M6D1D  | 15.54M           | 17.541M         |
| 802.11ac VHT40_Nss1,(MCS0)_4TX | 36.36M           | 36.162M         | 36M2D1D  | 33.42M           | 36.042M         |
| 802.11ac VHT80_Nss1,(MCS0)_4TX | 74.64M           | 75.802M         | 75M8D1D  | 72M              | 75.442M         |
| 802.11ax HEW20_Nss1,(MCS0)_4TX | 19.02M           | 19.01M          | 19M0D1D  | 15.69M           | 18.801M         |
| 802.11ax HEW40_Nss1,(MCS0)_4TX | 37.74M           | 37.721M         | 37M7D1D  | 35.04M           | 37.601M         |
| 802.11ax HEW80_Nss1,(MCS0)_4TX | 77.88M           | 77.241M         | 77M2D1D  | 73.08M           | 77.001M         |

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

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

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

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



Result

| Mode                           | Result | Limit (Hz) | Port 1-N dB (Hz) | Port 1-OBW (Hz) | Port 2-N dB (Hz) | Port 2-OBW (Hz) | Port 3-N dB (Hz) | Port 3-OBW (Hz) | Port 4-N dB (Hz) | Port 4-OBW (Hz) |
|--------------------------------|--------|------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|
| 802.11a_Nss1,(6Mbps)_4TX       | -      | -          | -                | -               | -                | -               | -                | -               | -                | -               |
| 5180MHz                        | Pass   | Inf        | 19.17M           | 16.432M         | 18.84M           | 16.372M         | 18.87M           | 16.372M         | 19.32M           | 16.402M         |
| 5200MHz                        | Pass   | Inf        | 18.63M           | 16.432M         | 18.87M           | 16.372M         | 19.47M           | 16.342M         | 19.32M           | 16.372M         |
| 5240MHz                        | Pass   | Inf        | 18.99M           | 16.372M         | 19.32M           | 16.372M         | 22.71M           | 16.462M         | 20.58M           | 16.402M         |
| 5745MHz                        | Pass   | 500k       | 15.93M           | 16.432M         | 16.29M           | 16.462M         | 15.66M           | 16.402M         | 16.29M           | 16.372M         |
| 5785MHz                        | Pass   | 500k       | 15.24M           | 16.342M         | 15.93M           | 16.402M         | 15.72M           | 16.402M         | 16.29M           | 16.402M         |
| 5825MHz                        | Pass   | 500k       | 16.29M           | 16.522M         | 15.87M           | 16.372M         | 11.04M           | 16.402M         | 15.66M           | 16.372M         |
| 802.11ac VHT20_Nss1,(MCS0)_4TX | -      | -          | -                | -               | -                | -               | -                | -               | -                | -               |
| 5180MHz                        | Pass   | Inf        | 19.74M           | 17.661M         | 19.41M           | 17.601M         | 20.55M           | 17.571M         | 19.95M           | 17.631M         |
| 5200MHz                        | Pass   | Inf        | 19.62M           | 17.571M         | 19.71M           | 17.631M         | 20.31M           | 17.661M         | 19.71M           | 17.631M         |
| 5240MHz                        | Pass   | Inf        | 20.19M           | 17.601M         | 19.98M           | 17.661M         | 20.73M           | 17.661M         | 21.21M           | 17.631M         |
| 5745MHz                        | Pass   | 500k       | 16.92M           | 17.571M         | 15.54M           | 17.571M         | 17.28M           | 17.571M         | 16.89M           | 17.541M         |
| 5785MHz                        | Pass   | 500k       | 16.02M           | 17.571M         | 17.28M           | 17.601M         | 16.29M           | 17.601M         | 16.89M           | 17.571M         |
| 5825MHz                        | Pass   | 500k       | 17.22M           | 17.541M         | 17.49M           | 17.601M         | 16.68M           | 17.571M         | 16.92M           | 17.601M         |
| 802.11ac VHT40_Nss1,(MCS0)_4TX | -      | -          | -                | -               | -                | -               | -                | -               | -                | -               |
| 5190MHz                        | Pass   | Inf        | 40.38M           | 36.03M          | 39.9M            | 35.982M         | 40.5M            | 36.126M         | 39.9M            | 36.078M         |
| 5230MHz                        | Pass   | Inf        | 40.2M            | 36.102M         | 40.56M           | 36.162M         | 40.14M           | 36.162M         | 39.78M           | 36.102M         |
| 5755MHz                        | Pass   | 500k       | 36.36M           | 36.102M         | 34.98M           | 36.042M         | 35.64M           | 36.102M         | 33.42M           | 36.102M         |
| 5795MHz                        | Pass   | 500k       | 34.8M            | 36.042M         | 36.3M            | 36.102M         | 35.94M           | 36.162M         | 35.58M           | 36.102M         |
| 802.11ac VHT80_Nss1,(MCS0)_4TX | -      | -          | -                | -               | -                | -               | -                | -               | -                | -               |
| 5210MHz                        | Pass   | Inf        | 81.84M           | 75.322M         | 81.48M           | 75.442M         | 81.84M           | 75.322M         | 81.6M            | 75.442M         |
| 5775MHz                        | Pass   | 500k       | 72M              | 75.442M         | 73.8M            | 75.682M         | 74.64M           | 75.802M         | 73.08M           | 75.442M         |
| 802.11ax HEW20_Nss1,(MCS0)_4TX | -      | -          | -                | -               | -                | -               | -                | -               | -                | -               |
| 5180MHz                        | Pass   | Inf        | 20.58M           | 18.771M         | 21.42M           | 18.891M         | 22.08M           | 18.951M         | 20.52M           | 18.921M         |
| 5200MHz                        | Pass   | Inf        | 21.3M            | 18.921M         | 20.97M           | 18.921M         | 20.64M           | 18.861M         | 20.7M            | 18.891M         |
| 5240MHz                        | Pass   | Inf        | 20.76M           | 18.921M         | 20.49M           | 18.891M         | 20.64M           | 18.771M         | 21.75M           | 18.921M         |
| 5745MHz                        | Pass   | 500k       | 18.6M            | 18.891M         | 15.69M           | 18.801M         | 18.78M           | 18.981M         | 17.22M           | 18.831M         |
| 5785MHz                        | Pass   | 500k       | 16.44M           | 18.801M         | 19.02M           | 18.951M         | 17.52M           | 18.891M         | 18.69M           | 18.891M         |
| 5825MHz                        | Pass   | 500k       | 18.99M           | 19.01M          | 18.66M           | 18.951M         | 17.79M           | 18.921M         | 16.62M           | 18.861M         |
| 802.11ax HEW40_Nss1,(MCS0)_4TX | -      | -          | -                | -               | -                | -               | -                | -               | -                | -               |
| 5190MHz                        | Pass   | Inf        | 40.56M           | 37.661M         | 40.5M            | 37.601M         | 40.68M           | 37.601M         | 40.68M           | 37.661M         |
| 5230MHz                        | Pass   | Inf        | 40.32M           | 37.601M         | 40.92M           | 37.721M         | 41.22M           | 37.721M         | 40.38M           | 37.781M         |
| 5755MHz                        | Pass   | 500k       | 37.56M           | 37.721M         | 37.38M           | 37.661M         | 36.24M           | 37.721M         | 35.04M           | 37.601M         |
| 5795MHz                        | Pass   | 500k       | 37.38M           | 37.601M         | 37.44M           | 37.721M         | 37.74M           | 37.721M         | 37.26M           | 37.721M         |
| 802.11ax HEW80_Nss1,(MCS0)_4TX | -      | -          | -                | -               | -                | -               | -                | -               | -                | -               |
| 5210MHz                        | Pass   | Inf        | 82.32M           | 76.882M         | 82.32M           | 76.882M         | 82.56M           | 77.121M         | 82.2M            | 77.121M         |
| 5775MHz                        | Pass   | 500k       | 76.68M           | 77.001M         | 77.88M           | 77.241M         | 76.92M           | 77.121M         | 73.08M           | 77.121M         |

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

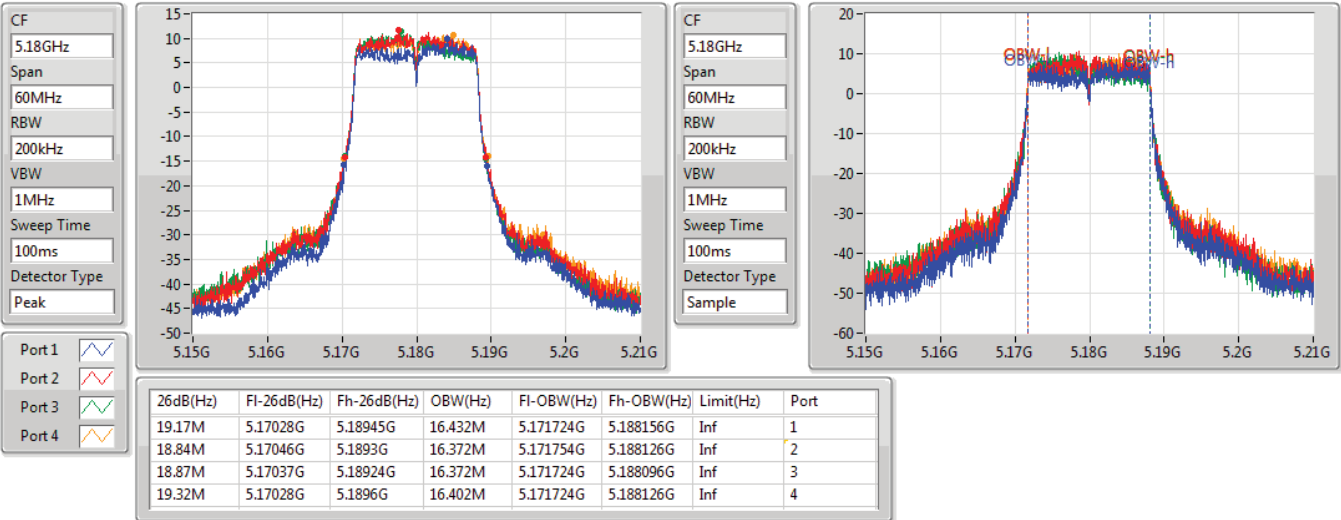
Port X-OBW = Port X 99% occupied bandwidth;

802.11a\_Nss1,(6Mbps)\_4TX

EBW

5180MHz

23/09/2019

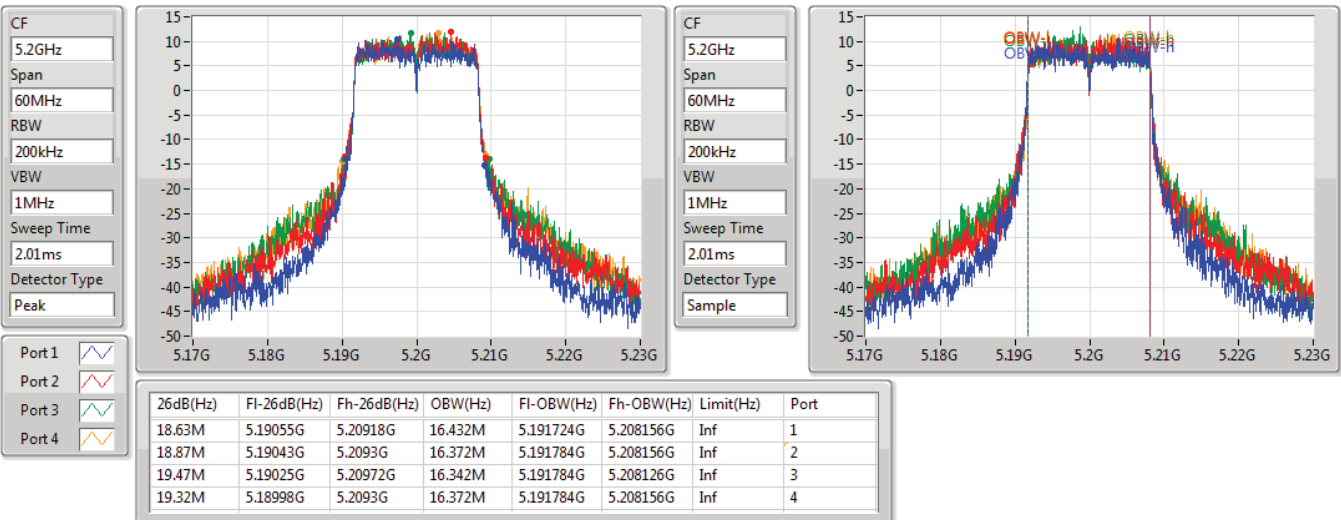


802.11a\_Nss1,(6Mbps)\_4TX

EBW

5200MHz

08/10/2019

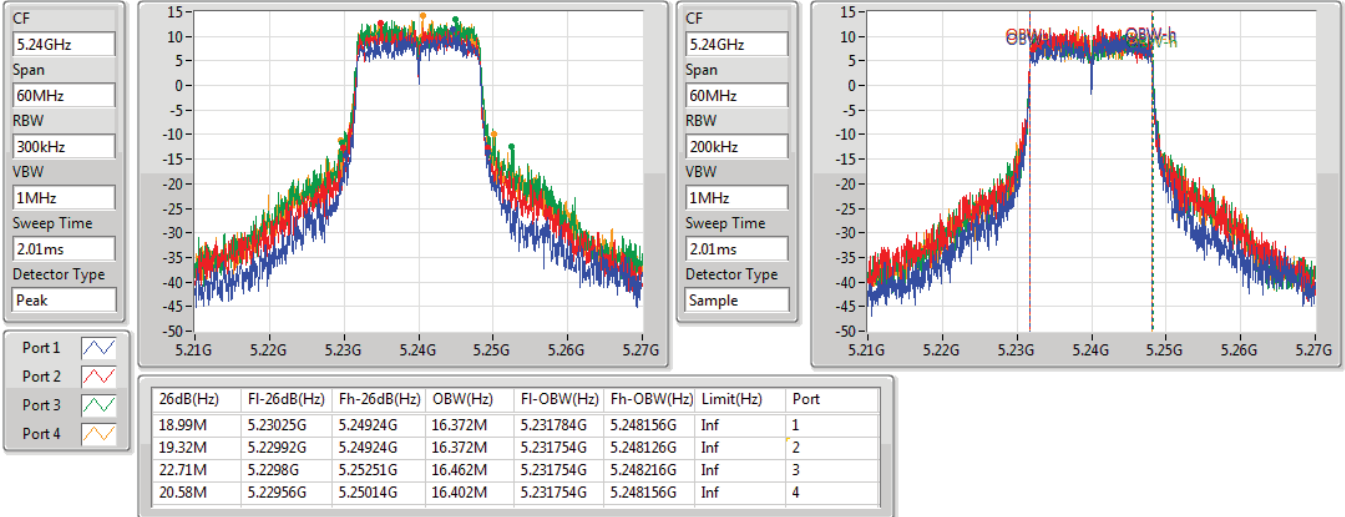


802.11a\_Nss1,(6Mbps)\_4TX

EBW

5240MHz

08/10/2019

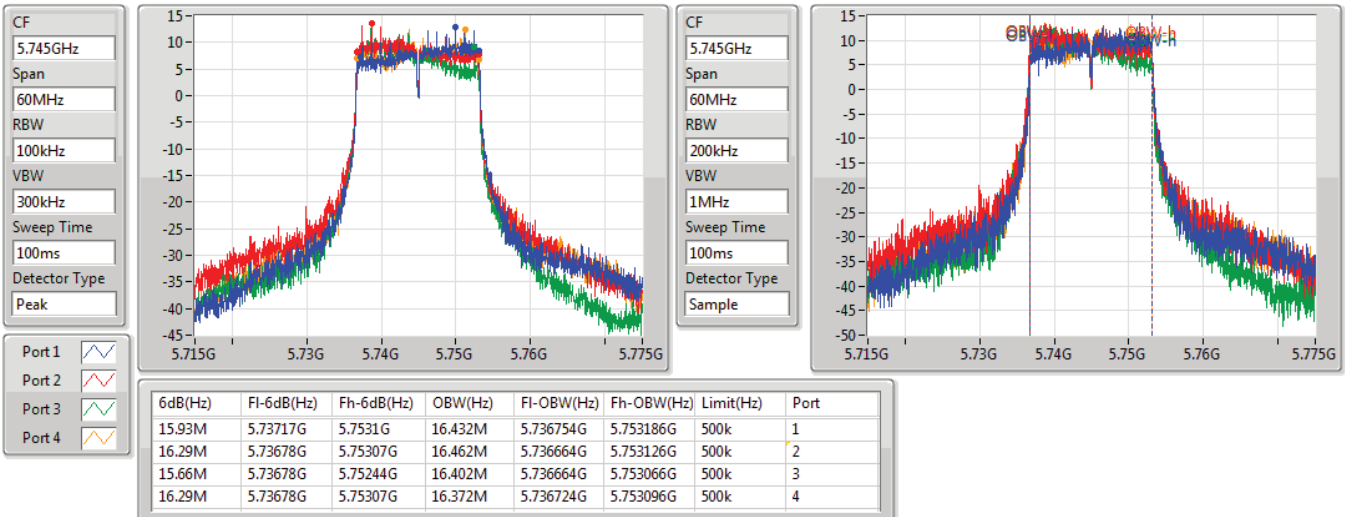


802.11a\_Nss1,(6Mbps)\_4TX

EBW

5745MHz

19/09/2019



802.11a\_Nss1,(6Mbps)\_4TX

EBW

5785MHz

19/09/2019

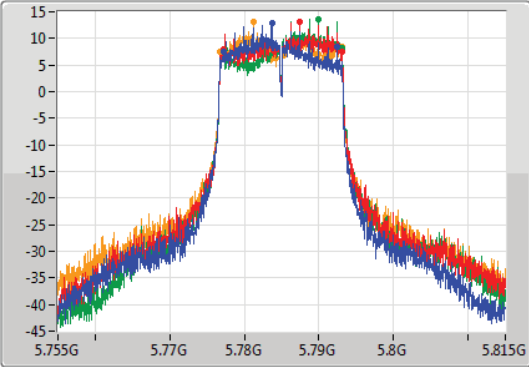
CF: 5.785GHz  
 Span: 60MHz  
 RBW: 100kHz  
 VBW: 300kHz  
 Sweep Time: 100ms  
 Detector Type: Peak

Port 1:

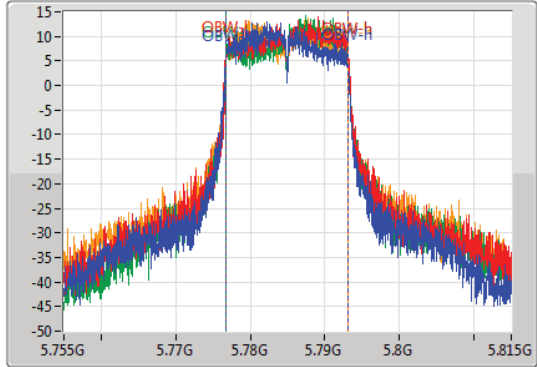
Port 2:

Port 3:

Port 4:



CF: 5.785GHz  
 Span: 60MHz  
 RBW: 200kHz  
 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 |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 15.24M  | 5.77717G   | 5.79241G   | 16.342M | 5.776724G  | 5.793066G  | 500k      | 1    |
| 15.93M  | 5.77717G   | 5.7931G    | 16.402M | 5.776754G  | 5.793156G  | 500k      | 2    |
| 15.72M  | 5.77738G   | 5.7931G    | 16.402M | 5.776754G  | 5.793156G  | 500k      | 3    |
| 16.29M  | 5.77681G   | 5.7931G    | 16.402M | 5.776754G  | 5.793156G  | 500k      | 4    |

802.11a\_Nss1,(6Mbps)\_4TX

EBW

5825MHz

19/09/2019

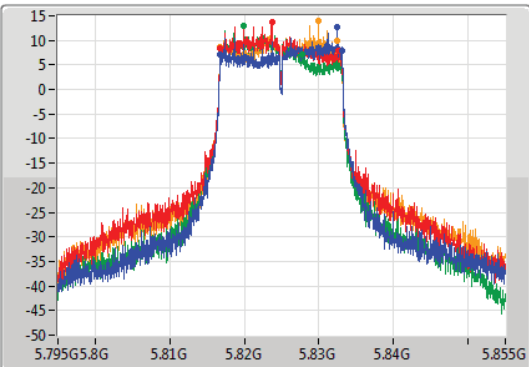
CF: 5.825GHz  
 Span: 60MHz  
 RBW: 100kHz  
 VBW: 300kHz  
 Sweep Time: 100ms  
 Detector Type: Peak

Port 1:

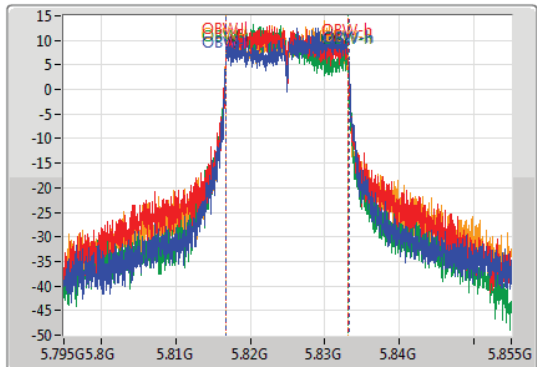
Port 2:

Port 3:

Port 4:



CF: 5.825GHz  
 Span: 60MHz  
 RBW: 200kHz  
 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 |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 16.29M  | 5.81681G   | 5.8331G    | 16.522M | 5.816694G  | 5.833216G  | 500k      | 1    |
| 15.87M  | 5.81681G   | 5.83268G   | 16.372M | 5.816724G  | 5.833096G  | 500k      | 2    |
| 11.04M  | 5.81678G   | 5.82782G   | 16.402M | 5.816694G  | 5.833096G  | 500k      | 3    |
| 15.66M  | 5.81681G   | 5.83247G   | 16.372M | 5.816694G  | 5.833066G  | 500k      | 4    |



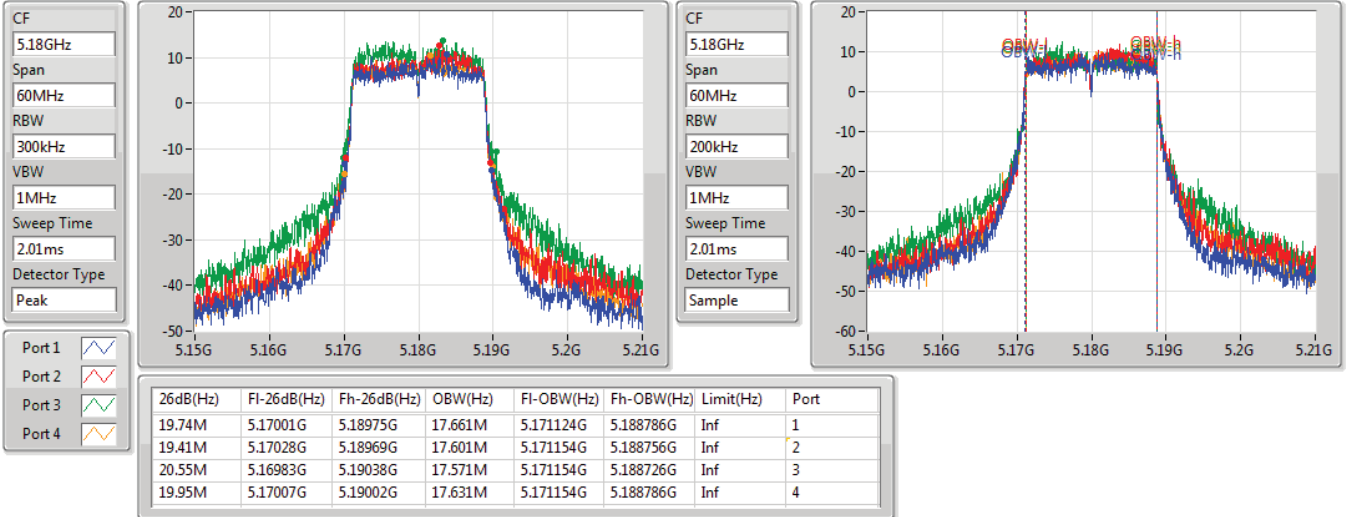


802.11ac VHT20\_Nss1,(MCS0)\_4TX

EBW

5180MHz

08/10/2019

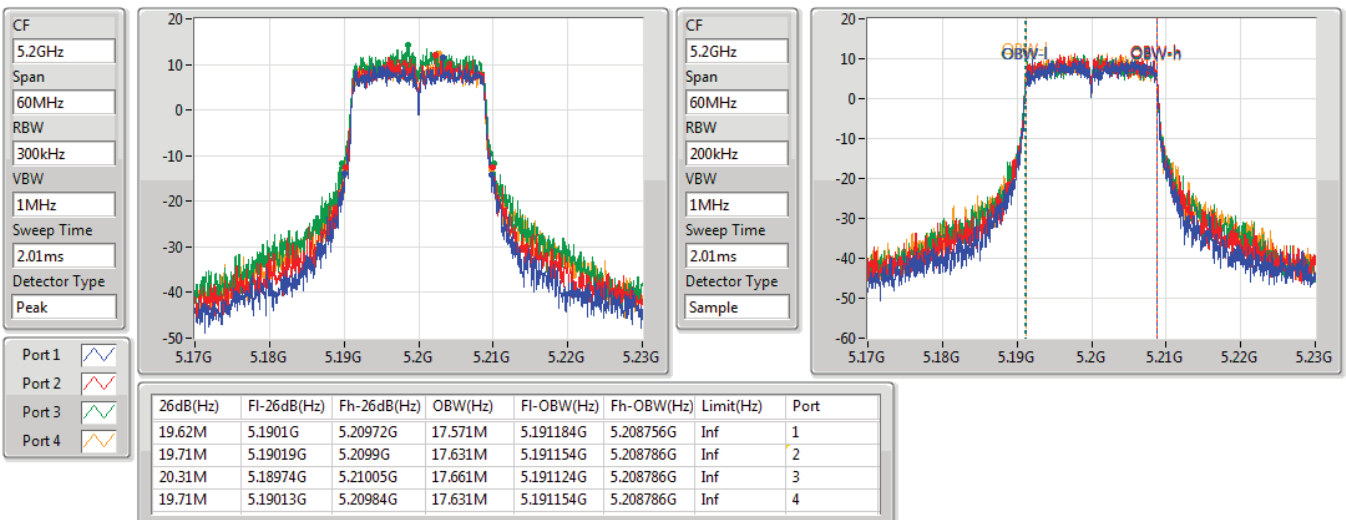


802.11ac VHT20\_Nss1,(MCS0)\_4TX

EBW

5200MHz

08/10/2019



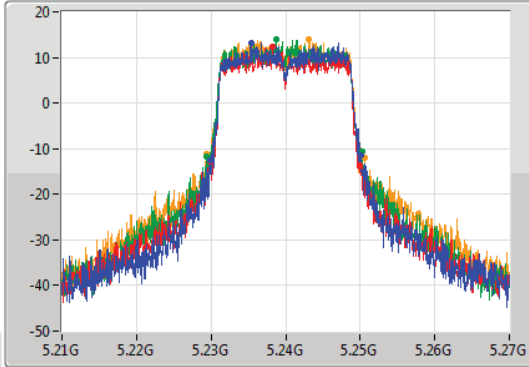
802.11ac VHT20\_Nss1,(MCS0)\_4TX

EBW

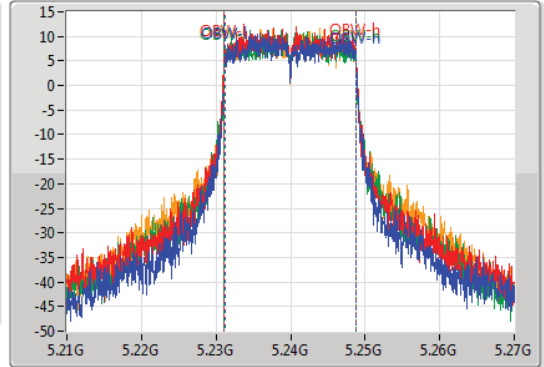
5240MHz

08/10/2019

CF  
5.24GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
2.01ms  
Detector Type  
Peak



CF  
5.24GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
2.01ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 20.19M   | 5.22995G    | 5.25014G    | 17.601M | 5.231184G  | 5.248786G  | Inf       | 1    |
| 19.98M   | 5.22995G    | 5.24993G    | 17.661M | 5.231124G  | 5.248786G  | Inf       | 2    |
| 20.73M   | 5.22947G    | 5.2502G     | 17.661M | 5.231124G  | 5.248786G  | Inf       | 3    |
| 21.21M   | 5.22941G    | 5.25062G    | 17.631M | 5.231154G  | 5.248786G  | Inf       | 4    |

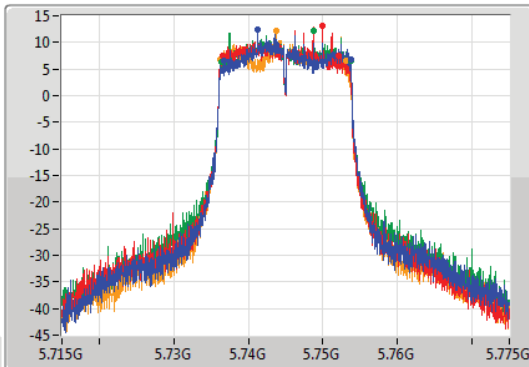
802.11ac VHT20\_Nss1,(MCS0)\_4TX

EBW

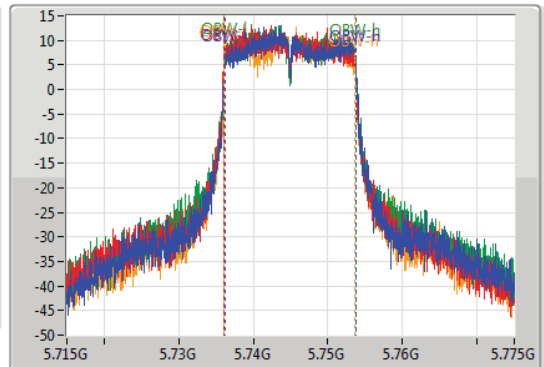
5745MHz

19/09/2019

CF  
5.745GHz  
Span  
60MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.745GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 16.92M  | 5.73681G   | 5.75373G   | 17.571M | 5.736154G  | 5.753726G  | 500k      | 1    |
| 15.54M  | 5.73657G   | 5.75211G   | 17.571M | 5.736124G  | 5.753696G  | 500k      | 2    |
| 17.28M  | 5.73645G   | 5.75373G   | 17.571M | 5.736154G  | 5.753726G  | 500k      | 3    |
| 16.89M  | 5.73618G   | 5.75307G   | 17.541M | 5.736124G  | 5.753666G  | 500k      | 4    |

802.11ac VHT20\_Nss1,(MCS0)\_4TX

EBW

5785MHz

19/09/2019

CF  
5.785GHz

Span  
60MHz

RBW  
100kHz

VBW  
300kHz

Sweep Time  
100ms

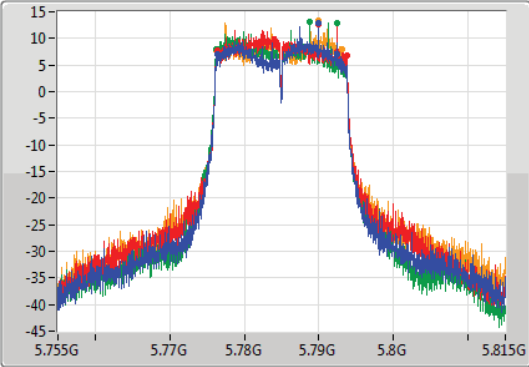
Detector Type  
Peak

Port 1

Port 2

Port 3

Port 4



CF  
5.785GHz

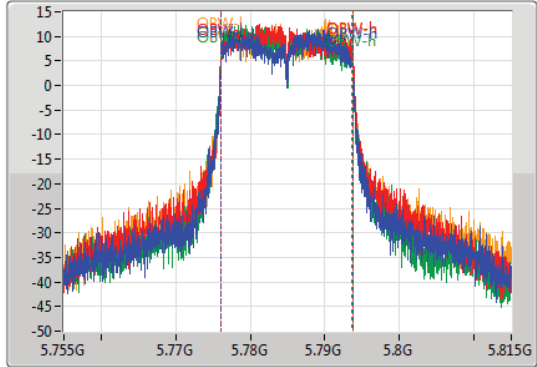
Span  
60MHz

RBW  
200kHz

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 |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 16.02M  | 5.77645G   | 5.79247G   | 17.571M | 5.776124G  | 5.793696G  | 500k      | 1    |
| 17.28M  | 5.77642G   | 5.7937G    | 17.601M | 5.776124G  | 5.793726G  | 500k      | 2    |
| 16.29M  | 5.77618G   | 5.79247G   | 17.601M | 5.776064G  | 5.793666G  | 500k      | 3    |
| 16.89M  | 5.77618G   | 5.79307G   | 17.571M | 5.776124G  | 5.793696G  | 500k      | 4    |

802.11ac VHT20\_Nss1,(MCS0)\_4TX

EBW

5825MHz

19/09/2019

CF  
5.825GHz

Span  
60MHz

RBW  
100kHz

VBW  
300kHz

Sweep Time  
100ms

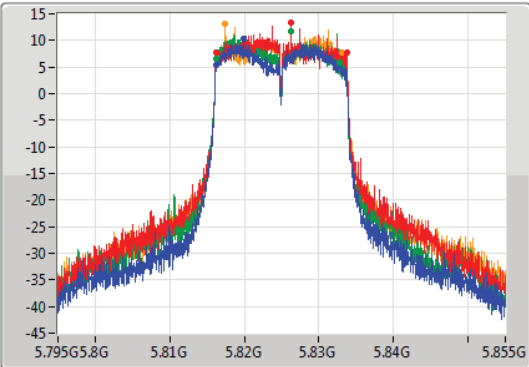
Detector Type  
Peak

Port 1

Port 2

Port 3

Port 4



CF  
5.825GHz

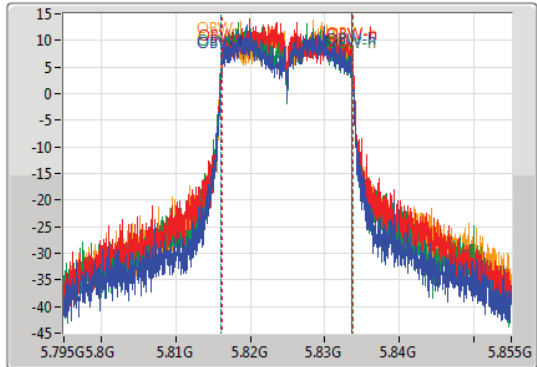
Span  
60MHz

RBW  
200kHz

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 |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 17.22M  | 5.81615G   | 5.83337G   | 17.541M | 5.816124G  | 5.833666G  | 500k      | 1    |
| 17.49M  | 5.81621G   | 5.8337G    | 17.601M | 5.816154G  | 5.833756G  | 500k      | 2    |
| 16.68M  | 5.81615G   | 5.83283G   | 17.571M | 5.816094G  | 5.833666G  | 500k      | 3    |
| 16.92M  | 5.81618G   | 5.8331G    | 17.601M | 5.816124G  | 5.833726G  | 500k      | 4    |

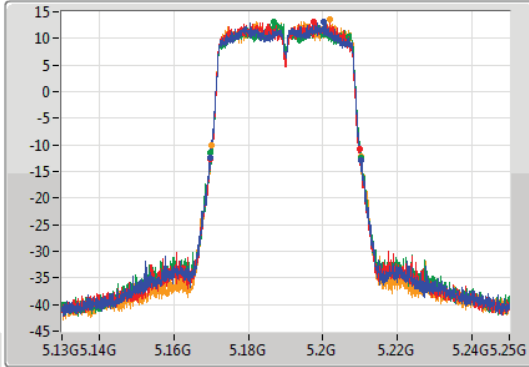
802.11ac VHT40\_Nss1,(MCS0)\_4TX

EBW

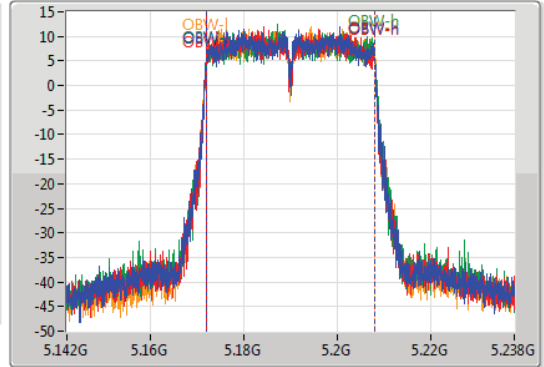
5190MHz

19/05/2020

CF  
5.19GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.19GHz  
Span  
96MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 40.38M   | 5.16978G    | 5.21016G    | 36.03M  | 5.171961G  | 5.207991G  | Inf       | 1    |
| 39.9M    | 5.1699G     | 5.2098G     | 35.982M | 5.171961G  | 5.207943G  | Inf       | 2    |
| 40.5M    | 5.16984G    | 5.21034G    | 36.126M | 5.171961G  | 5.208087G  | Inf       | 3    |
| 39.9M    | 5.1702G     | 5.2101G     | 36.078M | 5.171961G  | 5.208039G  | Inf       | 4    |

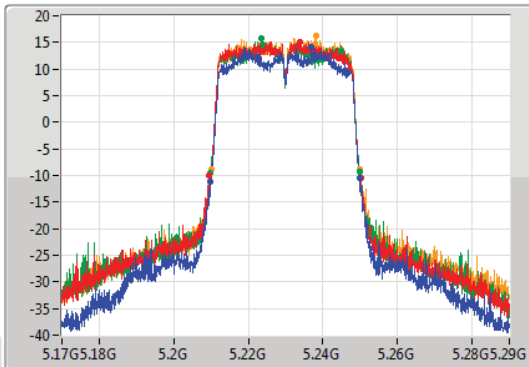
802.11ac VHT40\_Nss1,(MCS0)\_4TX

EBW

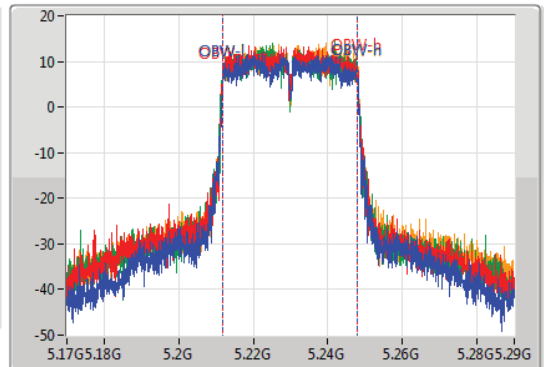
5230MHz

23/09/2019

CF  
5.23GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.23GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 40.2M    | 5.20972G    | 5.24992G    | 36.102M | 5.211889G  | 5.247991G  | Inf       | 1    |
| 40.56M   | 5.2096G     | 5.25016G    | 36.162M | 5.211829G  | 5.247991G  | Inf       | 2    |
| 40.14M   | 5.20984G    | 5.24998G    | 36.162M | 5.211769G  | 5.247931G  | Inf       | 3    |
| 39.78M   | 5.21008G    | 5.24986G    | 36.102M | 5.211889G  | 5.247991G  | Inf       | 4    |

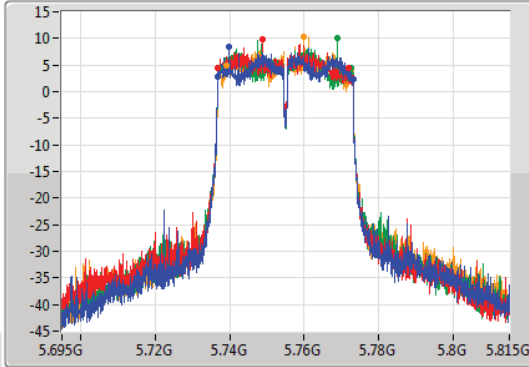
802.11ac VHT40\_Nss1,(MCS0)\_4TX

EBW

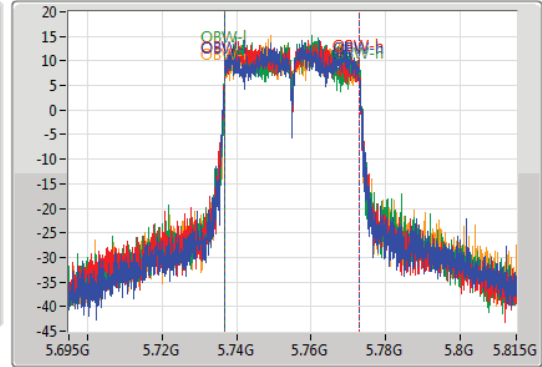
5755MHz

19/09/2019

CF  
5.755GHz  
Span  
120MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.755GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 36.36M  | 5.73676G   | 5.77312G   | 36.102M | 5.736829G  | 5.772931G  | 500k      | 1    |
| 34.98M  | 5.73682G   | 5.7718G    | 36.042M | 5.736829G  | 5.772871G  | 500k      | 2    |
| 35.64M  | 5.73706G   | 5.7727G    | 36.102M | 5.736889G  | 5.772991G  | 500k      | 3    |
| 33.42M  | 5.73928G   | 5.7727G    | 36.102M | 5.736889G  | 5.772991G  | 500k      | 4    |

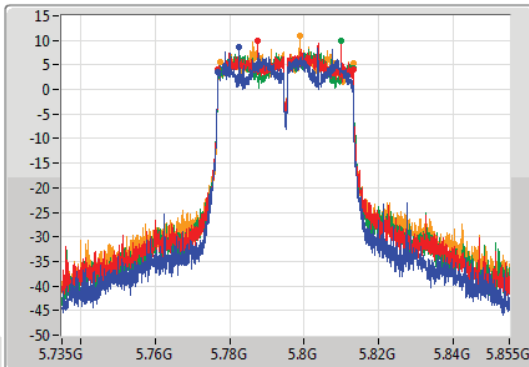
802.11ac VHT40\_Nss1,(MCS0)\_4TX

EBW

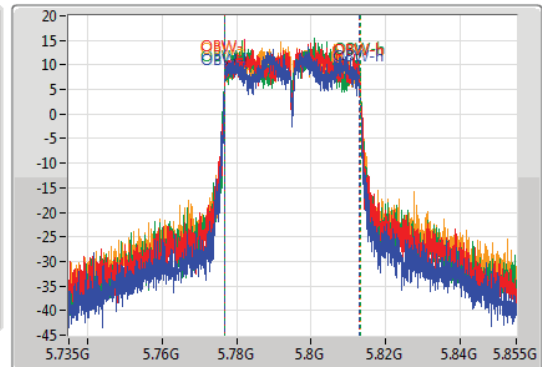
5795MHz

19/09/2019

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



CF  
5.795GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 34.8M   | 5.77682G   | 5.81162G   | 36.042M | 5.776829G  | 5.812871G  | 500k      | 1    |
| 36.3M   | 5.77682G   | 5.81312G   | 36.102M | 5.776889G  | 5.812991G  | 500k      | 2    |
| 35.94M  | 5.77718G   | 5.81312G   | 36.162M | 5.776889G  | 5.813051G  | 500k      | 3    |
| 35.58M  | 5.77754G   | 5.81312G   | 36.102M | 5.776949G  | 5.813051G  | 500k      | 4    |

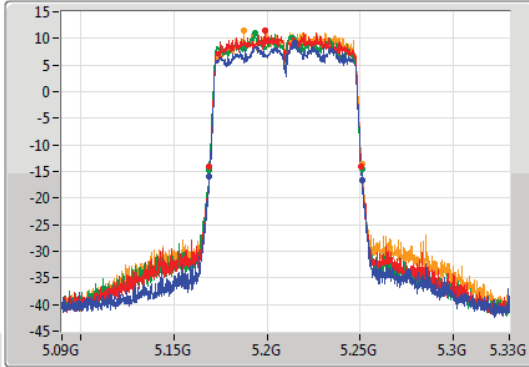
802.11ac VHT80\_Nss1,(MCS0)\_4TX

EBW

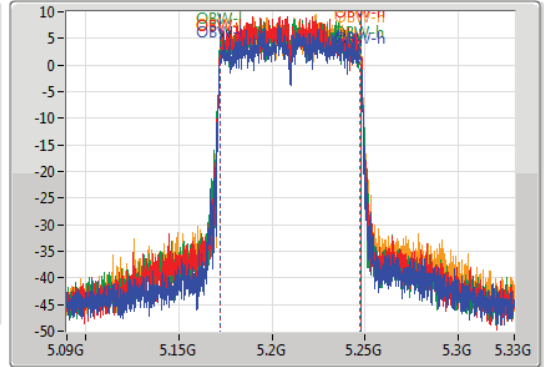
5210MHz

19/09/2019

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



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



Port 1  
Port 2  
Port 3  
Port 4

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 81.84M   | 5.16908G    | 5.25092G    | 75.322M | 5.172219G  | 5.247541G  | Inf       | 1    |
| 81.48M   | 5.16908G    | 5.25056G    | 75.442M | 5.172219G  | 5.247661G  | Inf       | 2    |
| 81.84M   | 5.16896G    | 5.2508G     | 75.322M | 5.172099G  | 5.247421G  | Inf       | 3    |
| 81.6M    | 5.1692G     | 5.2508G     | 75.442M | 5.172339G  | 5.247781G  | Inf       | 4    |

802.11ac VHT80\_Nss1,(MCS0)\_4TX

EBW

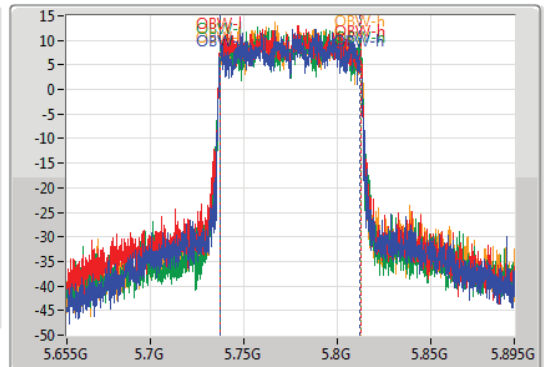
5775MHz

19/09/2019

CF  
5.775GHz  
Span  
240MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.775GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 72M     | 5.73768G   | 5.80968G   | 75.442M | 5.736979G  | 5.812421G  | 500k      | 1    |
| 73.8M   | 5.73684G   | 5.81064G   | 75.682M | 5.736979G  | 5.812661G  | 500k      | 2    |
| 74.64M  | 5.73804G   | 5.81268G   | 75.802M | 5.736979G  | 5.812781G  | 500k      | 3    |
| 73.08M  | 5.73936G   | 5.81244G   | 75.442M | 5.737219G  | 5.812661G  | 500k      | 4    |



802.11ax HEW20\_Nss1,(MCS0)\_4TX

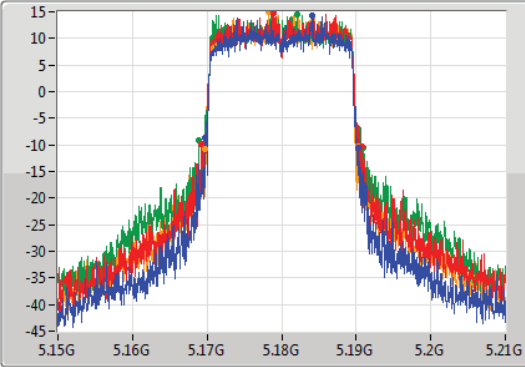
EBW

5180MHz

08/10/2019

CF  
5.18GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
2.01ms  
Detector Type  
Peak

Port 1  
Port 2  
Port 3  
Port 4



CF  
5.18GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
2.01ms  
Detector Type  
Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 20.58M   | 5.16968G    | 5.19026G    | 18.771M | 5.170585G  | 5.189355G  | Inf       | 1    |
| 21.42M   | 5.16929G    | 5.19071G    | 18.891M | 5.170525G  | 5.189415G  | Inf       | 2    |
| 22.08M   | 5.1689G     | 5.19098G    | 18.951M | 5.170495G  | 5.189445G  | Inf       | 3    |
| 20.52M   | 5.1698G     | 5.19032G    | 18.921M | 5.170495G  | 5.189415G  | Inf       | 4    |

802.11ax HEW20\_Nss1,(MCS0)\_4TX

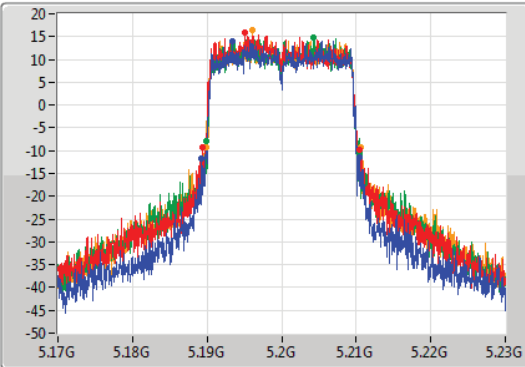
EBW

5200MHz

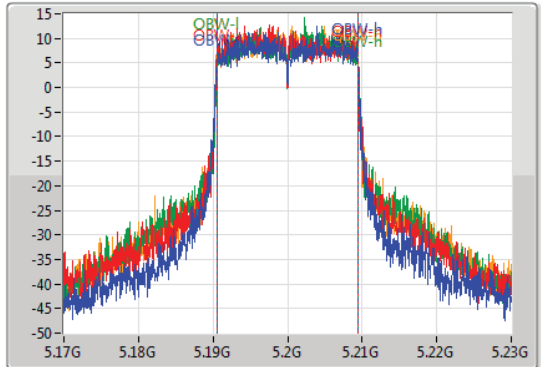
08/10/2019

CF  
5.2GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
2.01ms  
Detector Type  
Peak

Port 1  
Port 2  
Port 3  
Port 4



CF  
5.2GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
2.01ms  
Detector Type  
Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 21.3M    | 5.1892G     | 5.2105G     | 18.921M | 5.190525G  | 5.209445G  | Inf       | 1    |
| 20.97M   | 5.18944G    | 5.21041G    | 18.921M | 5.190495G  | 5.209415G  | Inf       | 2    |
| 20.64M   | 5.18986G    | 5.2105G     | 18.861M | 5.190525G  | 5.209385G  | Inf       | 3    |
| 20.7M    | 5.18983G    | 5.21053G    | 18.891M | 5.190495G  | 5.209385G  | Inf       | 4    |

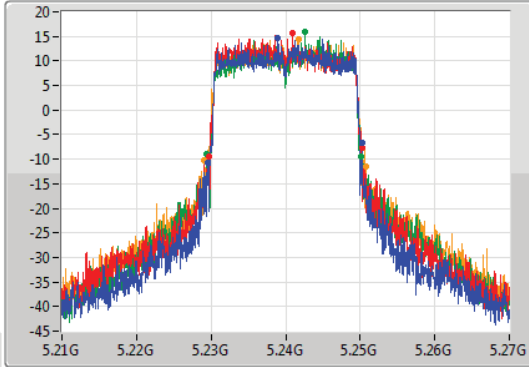
802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

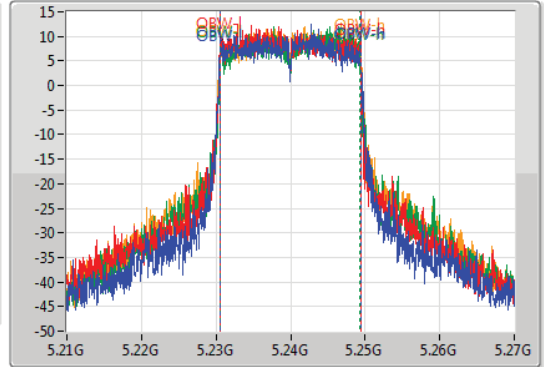
5240MHz

08/10/2019

CF  
5.24GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
2.01ms  
Detector Type  
Peak



CF  
5.24GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
2.01ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 20.76M   | 5.22953G    | 5.25029G    | 18.921M | 5.230495G  | 5.249415G  | Inf       | 1    |
| 20.49M   | 5.22977G    | 5.25026G    | 18.891M | 5.230495G  | 5.249385G  | Inf       | 2    |
| 20.64M   | 5.22944G    | 5.25008G    | 18.771M | 5.230585G  | 5.249355G  | Inf       | 3    |
| 21.75M   | 5.22908G    | 5.25083G    | 18.921M | 5.230495G  | 5.249415G  | Inf       | 4    |

802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

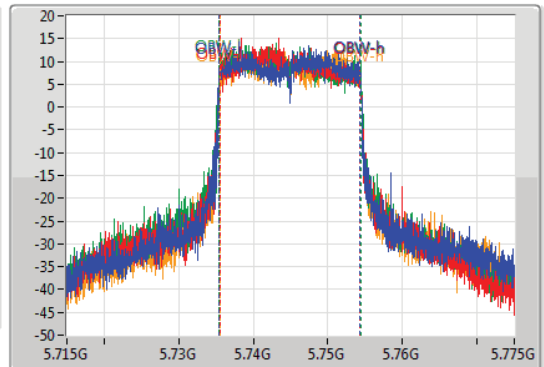
5745MHz

19/09/2019

CF  
5.745GHz  
Span  
60MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.745GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 18.6M   | 5.73555G   | 5.75415G   | 18.891M | 5.735465G  | 5.754355G  | 500k      | 1    |
| 15.69M  | 5.73582G   | 5.75151G   | 18.801M | 5.735525G  | 5.754325G  | 500k      | 2    |
| 18.78M  | 5.73543G   | 5.75421G   | 18.981M | 5.735435G  | 5.754415G  | 500k      | 3    |
| 17.22M  | 5.73618G   | 5.7534G    | 18.831M | 5.735495G  | 5.754325G  | 500k      | 4    |





802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

5785MHz

19/09/2019

CF  
5.785GHz

Span  
60MHz

RBW  
100kHz

VBW  
300kHz

Sweep Time  
100ms

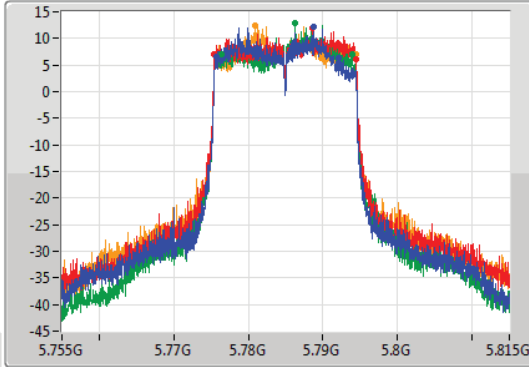
Detector Type  
Peak

Port 1

Port 2

Port 3

Port 4



CF  
5.785GHz

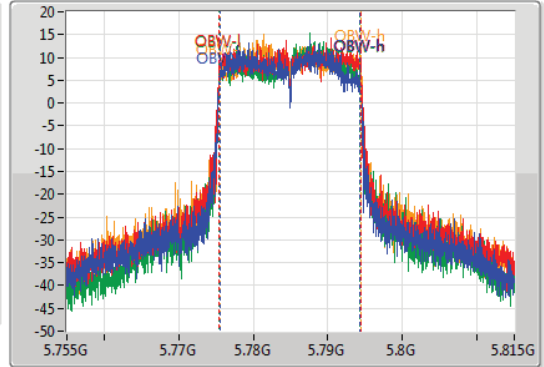
Span  
60MHz

RBW  
200kHz

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 |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 16.44M  | 5.77573G   | 5.79217G   | 18.801M | 5.775495G  | 5.794295G  | 500k      | 1    |
| 19.02M  | 5.77546G   | 5.79448G   | 18.951M | 5.775465G  | 5.794415G  | 500k      | 2    |
| 17.52M  | 5.77639G   | 5.79391G   | 18.891M | 5.775465G  | 5.794355G  | 500k      | 3    |
| 18.69M  | 5.77567G   | 5.79436G   | 18.891M | 5.775495G  | 5.794385G  | 500k      | 4    |

802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

5825MHz

19/09/2019

CF  
5.825GHz

Span  
60MHz

RBW  
100kHz

VBW  
300kHz

Sweep Time  
100ms

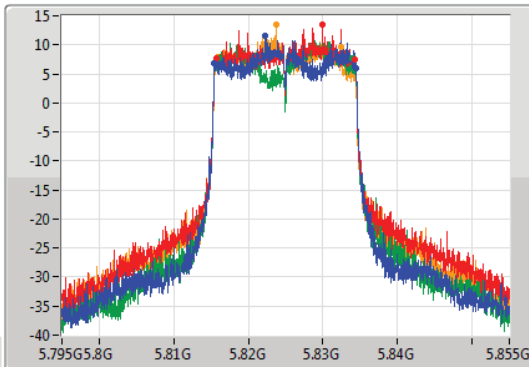
Detector Type  
Peak

Port 1

Port 2

Port 3

Port 4



CF  
5.825GHz

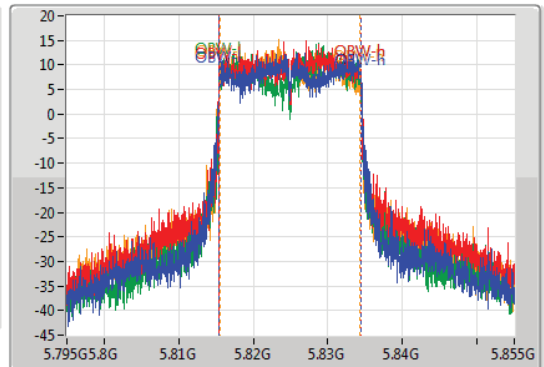
Span  
60MHz

RBW  
200kHz

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 |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 18.99M  | 5.81546G   | 5.83445G   | 19.01M  | 5.815435G  | 5.834445G  | 500k      | 1    |
| 18.66M  | 5.81567G   | 5.83433G   | 18.951M | 5.815465G  | 5.834415G  | 500k      | 2    |
| 17.79M  | 5.81609G   | 5.83388G   | 18.921M | 5.815465G  | 5.834385G  | 500k      | 3    |
| 16.62M  | 5.81588G   | 5.8325G    | 18.861M | 5.815495G  | 5.834355G  | 500k      | 4    |

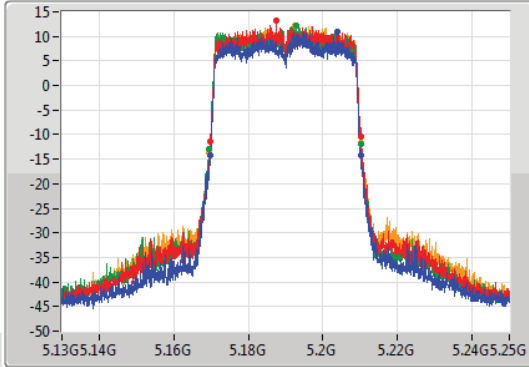
802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

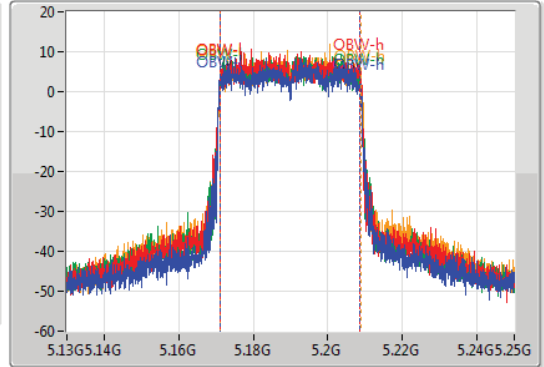
5190MHz

19/09/2019

CF  
5.19GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.19GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 40.56M   | 5.16972G    | 5.21028G    | 37.661M | 5.171049G  | 5.208711G  | Inf       | 1    |
| 40.5M    | 5.16966G    | 5.21016G    | 37.601M | 5.171109G  | 5.208711G  | Inf       | 2    |
| 40.68M   | 5.16948G    | 5.21016G    | 37.601M | 5.171049G  | 5.208651G  | Inf       | 3    |
| 40.68M   | 5.16954G    | 5.21022G    | 37.661M | 5.171169G  | 5.208831G  | Inf       | 4    |

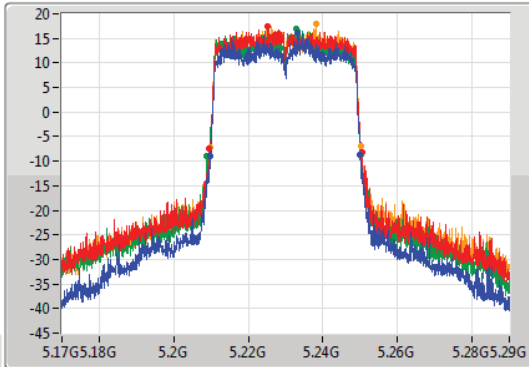
802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

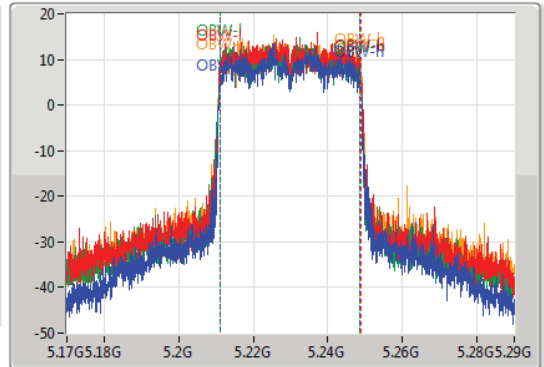
5230MHz

23/09/2019

CF  
5.23GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.23GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 40.32M   | 5.20972G    | 5.25004G    | 37.601M | 5.211109G  | 5.248711G  | Inf       | 1    |
| 40.92M   | 5.2096G     | 5.25052G    | 37.721M | 5.211049G  | 5.248771G  | Inf       | 2    |
| 41.22M   | 5.20888G    | 5.2501G     | 37.721M | 5.21099G   | 5.248711G  | Inf       | 3    |
| 40.38M   | 5.20978G    | 5.25016G    | 37.781M | 5.211049G  | 5.248831G  | Inf       | 4    |

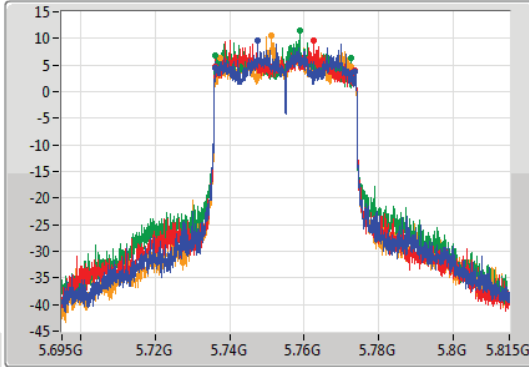
802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

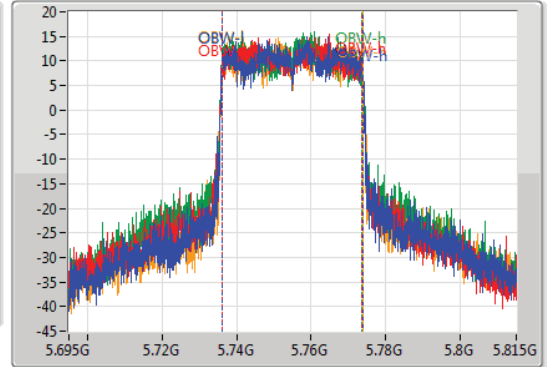
5755MHz

19/09/2019

CF  
5.755GHz  
Span  
120MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.755GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 37.56M  | 5.7361G    | 5.77366G   | 37.721M | 5.736049G  | 5.773771G  | 500k      | 1    |
| 37.38M  | 5.73616G   | 5.77354G   | 37.661M | 5.736049G  | 5.773711G  | 500k      | 2    |
| 36.24M  | 5.73622G   | 5.77246G   | 37.721M | 5.73599G   | 5.773711G  | 500k      | 3    |
| 35.04M  | 5.73742G   | 5.77246G   | 37.601M | 5.736169G  | 5.773771G  | 500k      | 4    |

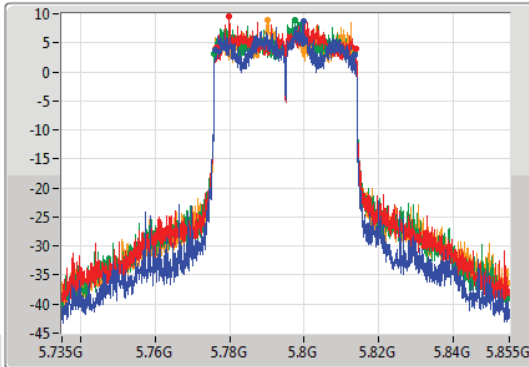
802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

5795MHz

19/09/2019

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



CF  
5.795GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 37.38M  | 5.77604G   | 5.81342G   | 37.601M | 5.776049G  | 5.813651G  | 500k      | 1    |
| 37.44M  | 5.77634G   | 5.81378G   | 37.721M | 5.776049G  | 5.813771G  | 500k      | 2    |
| 37.74M  | 5.77592G   | 5.81366G   | 37.721M | 5.776049G  | 5.813771G  | 500k      | 3    |
| 37.26M  | 5.77604G   | 5.8133G    | 37.721M | 5.776049G  | 5.813771G  | 500k      | 4    |

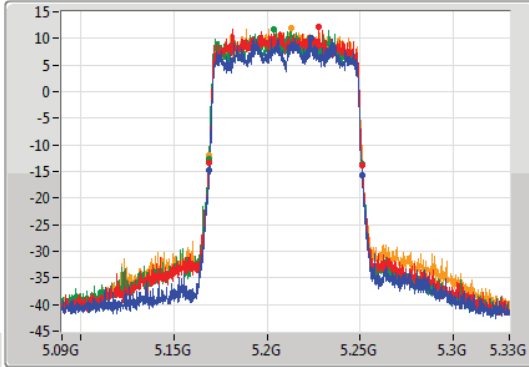
802.11ax HEW80\_Nss1,(MCS0)\_4TX

EBW

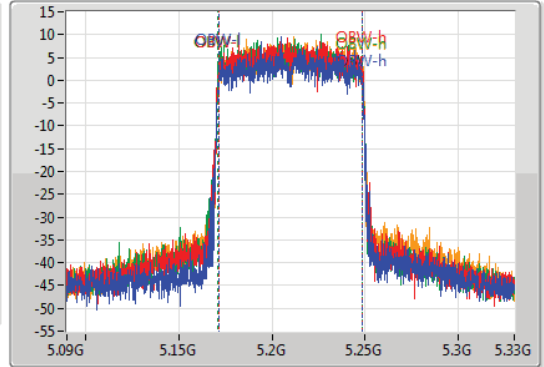
5210MHz

19/09/2019

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



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



Port 1  
Port 2  
Port 3  
Port 4

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 82.32M   | 5.16872G    | 5.25104G    | 76.882M | 5.171499G  | 5.248381G  | Inf       | 1    |
| 82.32M   | 5.16884G    | 5.25116G    | 76.882M | 5.171379G  | 5.248261G  | Inf       | 2    |
| 82.56M   | 5.16884G    | 5.2514G     | 77.121M | 5.171139G  | 5.248261G  | Inf       | 3    |
| 82.2M    | 5.16908G    | 5.25128G    | 77.121M | 5.171499G  | 5.248621G  | Inf       | 4    |

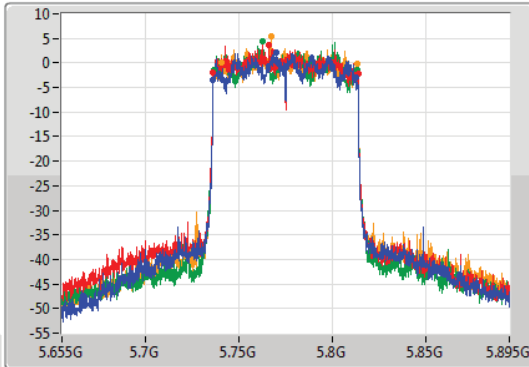
802.11ax HEW80\_Nss1,(MCS0)\_4TX

EBW

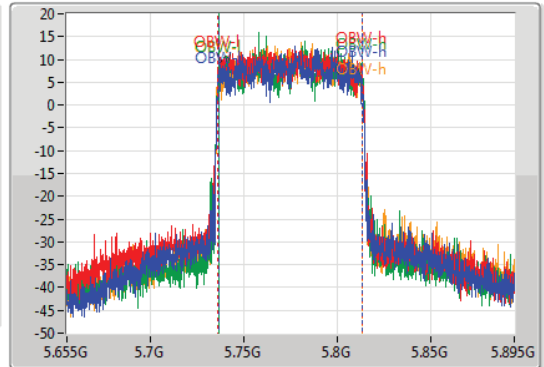
5775MHz

19/09/2019

CF  
5.775GHz  
Span  
240MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.775GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 76.68M  | 5.736G     | 5.81268G   | 77.001M | 5.736259G  | 5.813261G  | 500k      | 1    |
| 77.88M  | 5.736G     | 5.81388G   | 77.241M | 5.736139G  | 5.813381G  | 500k      | 2    |
| 76.92M  | 5.7366G    | 5.81352G   | 77.121M | 5.736379G  | 5.813501G  | 500k      | 3    |
| 73.08M  | 5.74032G   | 5.8134G    | 77.121M | 5.736379G  | 5.813501G  | 500k      | 4    |



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                      | -                | -               | -        | -                | -               |
| 802.11ac VHT20-BF_Nss1,(MCS0)_4TX | 21.06M           | 17.655M         | 17M7D1D  | 20.43M           | 17.535M         |
| 802.11ac VHT40-BF_Nss1,(MCS0)_4TX | 41.52M           | 36.126M         | 36M1D1D  | 39.3M            | 36.03M          |
| 802.11ac VHT80-BF_Nss1,(MCS0)_4TX | 80.64M           | 75.514M         | 75M5D1D  | 79.92M           | 75.322M         |
| 802.11ax HEW20-BF_Nss1,(MCS0)_4TX | 21.78M           | 18.927M         | 18M9D1D  | 21.33M           | 18.879M         |
| 802.11ax HEW40-BF_Nss1,(MCS0)_4TX | 42.72M           | 37.757M         | 37M8D1D  | 40.8M            | 37.661M         |
| 802.11ax HEW80-BF_Nss1,(MCS0)_4TX | 82.32M           | 77.145M         | 77M1D1D  | 82.08M           | 76.858M         |
| 5.725-5.85GHz                     | -                | -               | -        | -                | -               |
| 802.11ac VHT20-BF_Nss1,(MCS0)_4TX | 17.52M           | 17.727M         | 17M7D1D  | 15.06M           | 17.367M         |
| 802.11ac VHT40-BF_Nss1,(MCS0)_4TX | 36.42M           | 36.702M         | 36M7D1D  | 29.4M            | 35.934M         |
| 802.11ac VHT80-BF_Nss1,(MCS0)_4TX | 73.68M           | 75.706M         | 75M7D1D  | 68.28M           | 75.322M         |
| 802.11ax HEW20-BF_Nss1,(MCS0)_4TX | 19.02M           | 18.927M         | 18M9D1D  | 16.41M           | 18.879M         |
| 802.11ax HEW40-BF_Nss1,(MCS0)_4TX | 38.04M           | 38.141M         | 38M1D1D  | 35.34M           | 37.229M         |
| 802.11ax HEW80-BF_Nss1,(MCS0)_4TX | 77.28M           | 77.145M         | 77M1D1D  | 64.68M           | 76.57M          |

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

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

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

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



Result

| Mode                              | Result | Limit (Hz) | Port 1-N dB (Hz) | Port 1-OBW (Hz) | Port 2-N dB (Hz) | Port 2-OBW (Hz) | Port 3-N dB (Hz) | Port 3-OBW (Hz) | Port 4-N dB (Hz) | Port 4-OBW (Hz) |
|-----------------------------------|--------|------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_4TX | -      | -          | -                | -               | -                | -               | -                | -               | -                | -               |
| 5180MHz                           | Pass   | Inf        | 20.76M           | 17.535M         | 20.85M           | 17.631M         | 20.64M           | 17.655M         | 20.7M            | 17.607M         |
| 5200MHz                           | Pass   | Inf        | 20.82M           | 17.631M         | 20.82M           | 17.631M         | 20.49M           | 17.631M         | 20.46M           | 17.607M         |
| 5240MHz                           | Pass   | Inf        | 20.76M           | 17.559M         | 21.06M           | 17.559M         | 20.43M           | 17.535M         | 20.52M           | 17.559M         |
| 5745MHz                           | Pass   | 500k       | 16.38M           | 17.583M         | 17.16M           | 17.607M         | 16.32M           | 17.367M         | 16.26M           | 17.511M         |
| 5785MHz                           | Pass   | 500k       | 17.52M           | 17.679M         | 15.06M           | 17.463M         | 16.29M           | 17.727M         | 16.26M           | 17.487M         |
| 5825MHz                           | Pass   | 500k       | 16.29M           | 17.487M         | 15.09M           | 17.415M         | 16.26M           | 17.463M         | 16.89M           | 17.511M         |
| 802.11ac VHT40-BF_Nss1,(MCS0)_4TX | -      | -          | -                | -               | -                | -               | -                | -               | -                | -               |
| 5190MHz                           | Pass   | Inf        | 41.52M           | 36.03M          | 41.16M           | 36.126M         | 39.3M            | 36.078M         | 39.36M           | 36.126M         |
| 5230MHz                           | Pass   | Inf        | 41.22M           | 36.078M         | 39.54M           | 36.078M         | 40.74M           | 36.078M         | 39.78M           | 36.078M         |
| 5755MHz                           | Pass   | 500k       | 35.64M           | 36.03M          | 35.7M            | 36.174M         | 35.64M           | 36.174M         | 35.64M           | 35.934M         |
| 5795MHz                           | Pass   | 500k       | 35.4M            | 35.982M         | 36.42M           | 36.702M         | 35.22M           | 36.03M          | 29.4M            | 35.982M         |
| 802.11ac VHT80-BF_Nss1,(MCS0)_4TX | -      | -          | -                | -               | -                | -               | -                | -               | -                | -               |
| 5210MHz                           | Pass   | Inf        | 80.64M           | 75.514M         | 80.64M           | 75.514M         | 80.4M            | 75.418M         | 79.92M           | 75.322M         |
| 5775MHz                           | Pass   | 500k       | 73.68M           | 75.322M         | 71.64M           | 75.706M         | 68.28M           | 75.418M         | 69.6M            | 75.514M         |
| 802.11ax HEW20-BF_Nss1,(MCS0)_4TX | -      | -          | -                | -               | -                | -               | -                | -               | -                | -               |
| 5180MHz                           | Pass   | Inf        | 21.48M           | 18.927M         | 21.57M           | 18.927M         | 21.63M           | 18.903M         | 21.36M           | 18.879M         |
| 5200MHz                           | Pass   | Inf        | 21.6M            | 18.879M         | 21.42M           | 18.879M         | 21.75M           | 18.903M         | 21.33M           | 18.879M         |
| 5240MHz                           | Pass   | Inf        | 21.78M           | 18.879M         | 21.6M            | 18.927M         | 21.63M           | 18.927M         | 21.63M           | 18.903M         |
| 5745MHz                           | Pass   | 500k       | 16.41M           | 18.879M         | 18.99M           | 18.927M         | 18.93M           | 18.879M         | 18.15M           | 18.879M         |
| 5785MHz                           | Pass   | 500k       | 18.48M           | 18.927M         | 18.78M           | 18.927M         | 18.87M           | 18.879M         | 18.84M           | 18.903M         |
| 5825MHz                           | Pass   | 500k       | 18.3M            | 18.927M         | 19.02M           | 18.903M         | 18.3M            | 18.903M         | 18.9M            | 18.903M         |
| 802.11ax HEW40-BF_Nss1,(MCS0)_4TX | -      | -          | -                | -               | -                | -               | -                | -               | -                | -               |
| 5190MHz                           | Pass   | Inf        | 41.7M            | 37.661M         | 41.22M           | 37.757M         | 41.04M           | 37.661M         | 42.06M           | 37.661M         |
| 5230MHz                           | Pass   | Inf        | 42.18M           | 37.757M         | 42.72M           | 37.661M         | 40.8M            | 37.757M         | 41.82M           | 37.709M         |
| 5755MHz                           | Pass   | 500k       | 35.34M           | 38.141M         | 37.8M            | 37.709M         | 37.62M           | 37.229M         | 36.72M           | 37.325M         |
| 5795MHz                           | Pass   | 500k       | 38.04M           | 37.565M         | 36.66M           | 37.661M         | 37.44M           | 37.661M         | 36.9M            | 37.517M         |
| 802.11ax HEW80-BF_Nss1,(MCS0)_4TX | -      | -          | -                | -               | -                | -               | -                | -               | -                | -               |
| 5210MHz                           | Pass   | Inf        | 82.08M           | 77.145M         | 82.08M           | 76.858M         | 82.32M           | 76.954M         | 82.32M           | 77.049M         |
| 5775MHz                           | Pass   | 500k       | 76.44M           | 76.762M         | 71.88M           | 76.57M          | 77.28M           | 77.145M         | 64.68M           | 76.762M         |

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

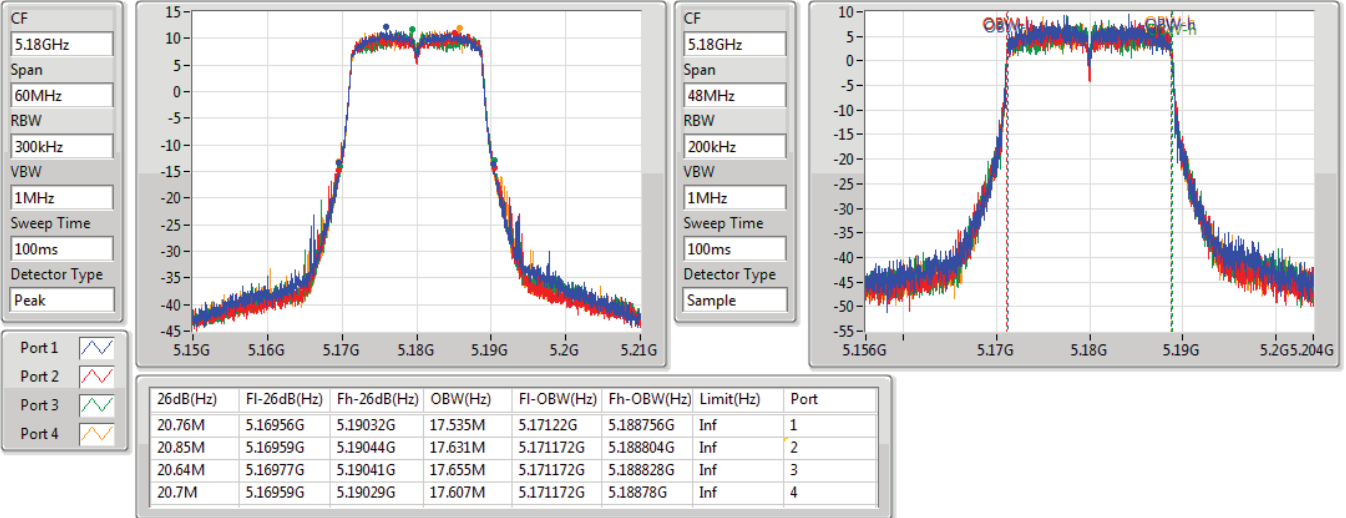
Port X-OBW = Port X 99% occupied bandwidth;

802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

EBW

5180MHz

14/05/2020

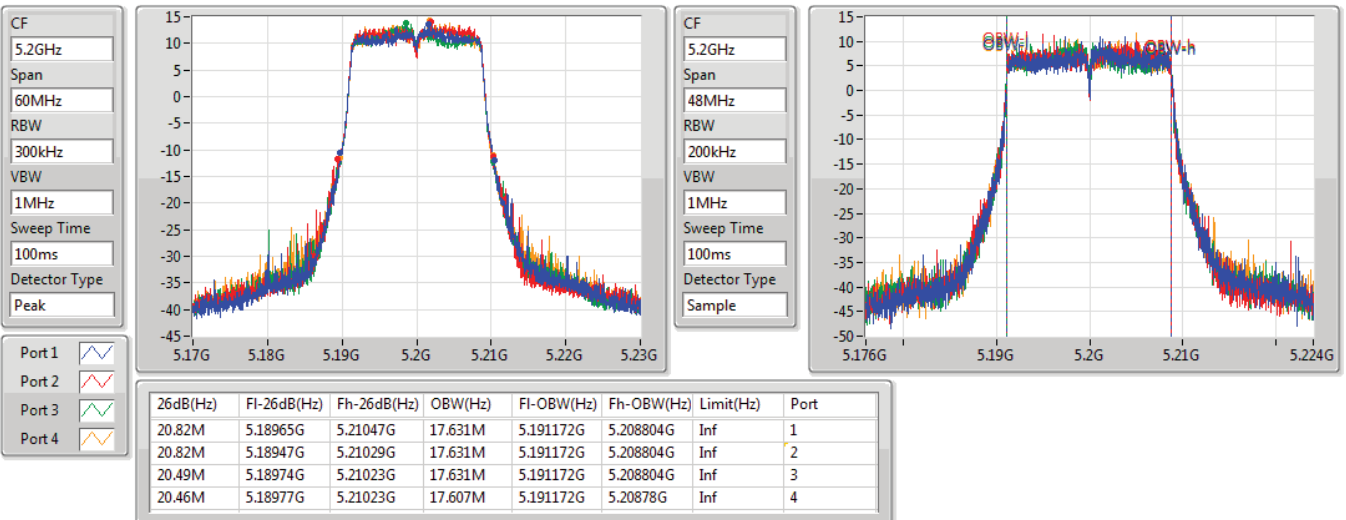


802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

EBW

5200MHz

14/05/2020



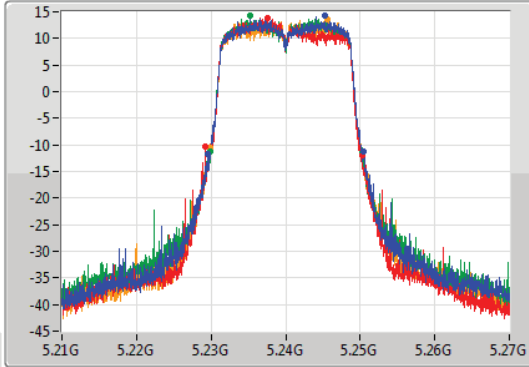
802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

EBW

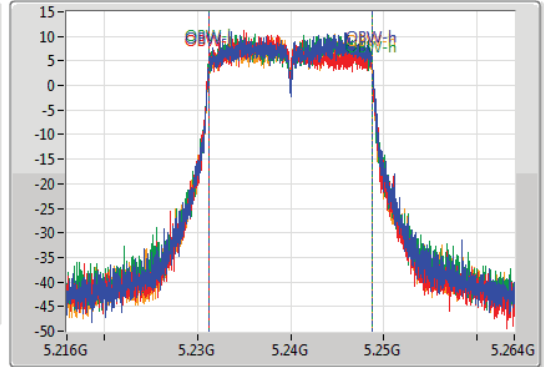
5240MHz

14/05/2020

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



CF  
5.24GHz  
Span  
48MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 20.76M   | 5.22962G    | 5.25038G    | 17.559M | 5.23122G   | 5.24878G   | Inf       | 1    |
| 21.06M   | 5.22923G    | 5.25029G    | 17.559M | 5.231196G  | 5.248756G  | Inf       | 2    |
| 20.43M   | 5.22989G    | 5.25032G    | 17.535M | 5.231196G  | 5.248732G  | Inf       | 3    |
| 20.52M   | 5.22983G    | 5.25035G    | 17.559M | 5.23122G   | 5.24878G   | Inf       | 4    |

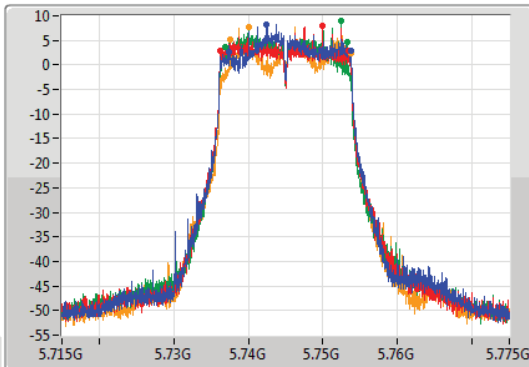
802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

EBW

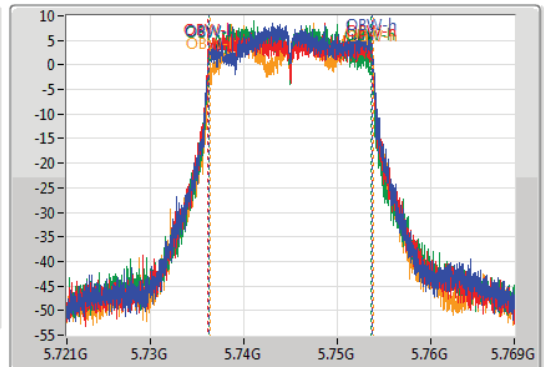
5745MHz

14/05/2020

CF  
5.745GHz  
Span  
60MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.745GHz  
Span  
48MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 16.38M  | 5.73741G   | 5.75379G   | 17.583M | 5.73622G   | 5.753804G  | 500k      | 1    |
| 17.16M  | 5.73624G   | 5.7534G    | 17.607M | 5.736172G  | 5.75378G   | 500k      | 2    |
| 16.32M  | 5.73687G   | 5.75319G   | 17.367M | 5.736244G  | 5.753612G  | 500k      | 3    |
| 16.26M  | 5.73753G   | 5.75379G   | 17.511M | 5.73634G   | 5.753852G  | 500k      | 4    |



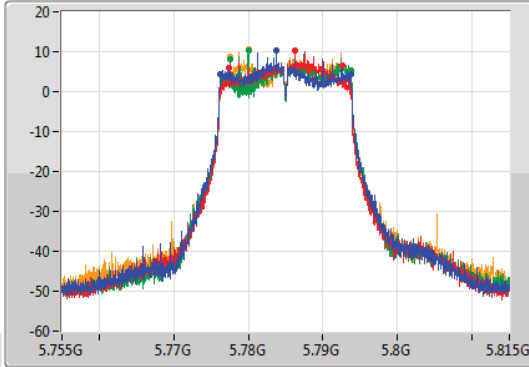
802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

EBW

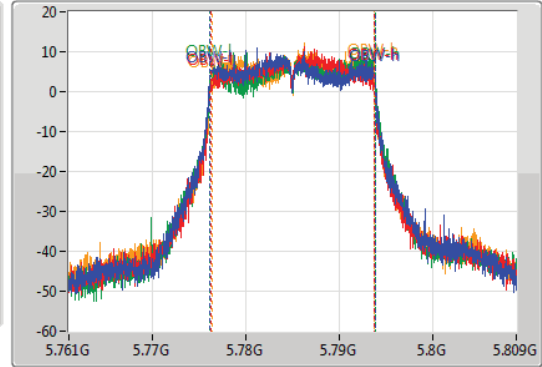
5785MHz

14/05/2020

CF  
5.785GHz  
Span  
60MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.785GHz  
Span  
48MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 17.52M  | 5.77624G   | 5.79376G   | 17.679M | 5.776148G  | 5.793828G  | 500k      | 1    |
| 15.06M  | 5.77747G   | 5.79253G   | 17.463M | 5.776244G  | 5.793708G  | 500k      | 2    |
| 16.29M  | 5.7775G    | 5.79379G   | 17.727M | 5.776172G  | 5.7939G    | 500k      | 3    |
| 16.26M  | 5.7775G    | 5.79376G   | 17.487M | 5.776316G  | 5.793804G  | 500k      | 4    |

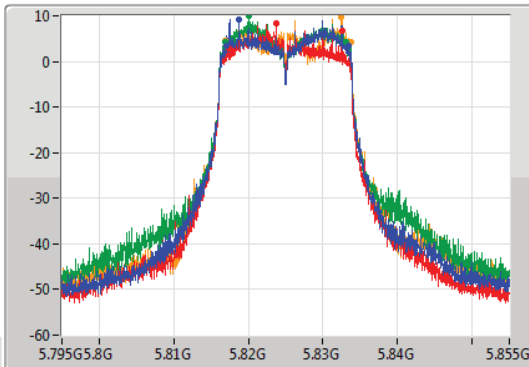
802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

EBW

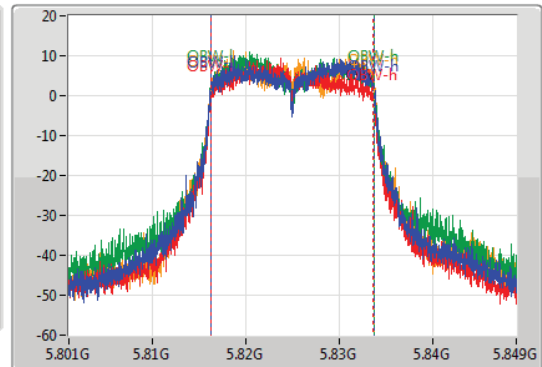
5825MHz

14/05/2020

CF  
5.825GHz  
Span  
60MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.825GHz  
Span  
48MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 16.29M  | 5.81711G   | 5.8334G    | 17.487M | 5.816244G  | 5.833732G  | 500k      | 1    |
| 15.09M  | 5.81744G   | 5.83253G   | 17.415M | 5.816268G  | 5.833684G  | 500k      | 2    |
| 16.26M  | 5.81687G   | 5.83313G   | 17.463M | 5.816268G  | 5.833732G  | 500k      | 3    |
| 16.89M  | 5.81687G   | 5.83376G   | 17.511M | 5.816268G  | 5.83378G   | 500k      | 4    |

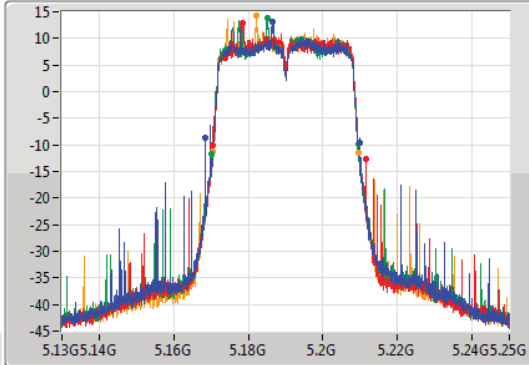
802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

EBW

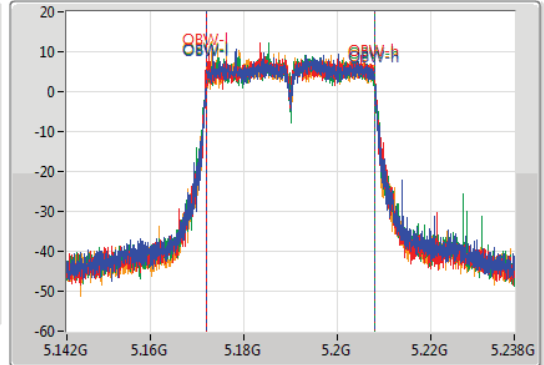
5190MHz

14/05/2020

CF  
5.19GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.19GHz  
Span  
96MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 41.52M   | 5.16852G    | 5.21004G    | 36.03M  | 5.172009G  | 5.208039G  | Inf       | 1    |
| 41.16M   | 5.17038G    | 5.21154G    | 36.126M | 5.171913G  | 5.208039G  | Inf       | 2    |
| 39.3M    | 5.17026G    | 5.20956G    | 36.078M | 5.171913G  | 5.207991G  | Inf       | 3    |
| 39.36M   | 5.17032G    | 5.20968G    | 36.126M | 5.171913G  | 5.208039G  | Inf       | 4    |

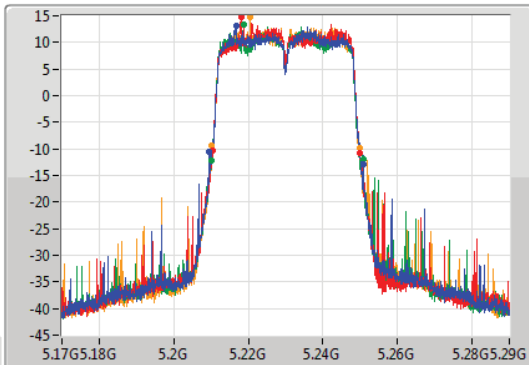
802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

EBW

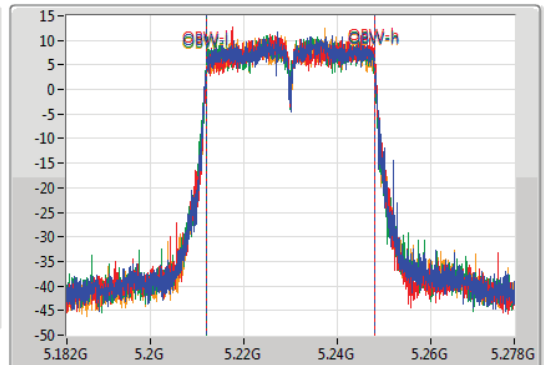
5230MHz

14/05/2020

CF  
5.23GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.23GHz  
Span  
96MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

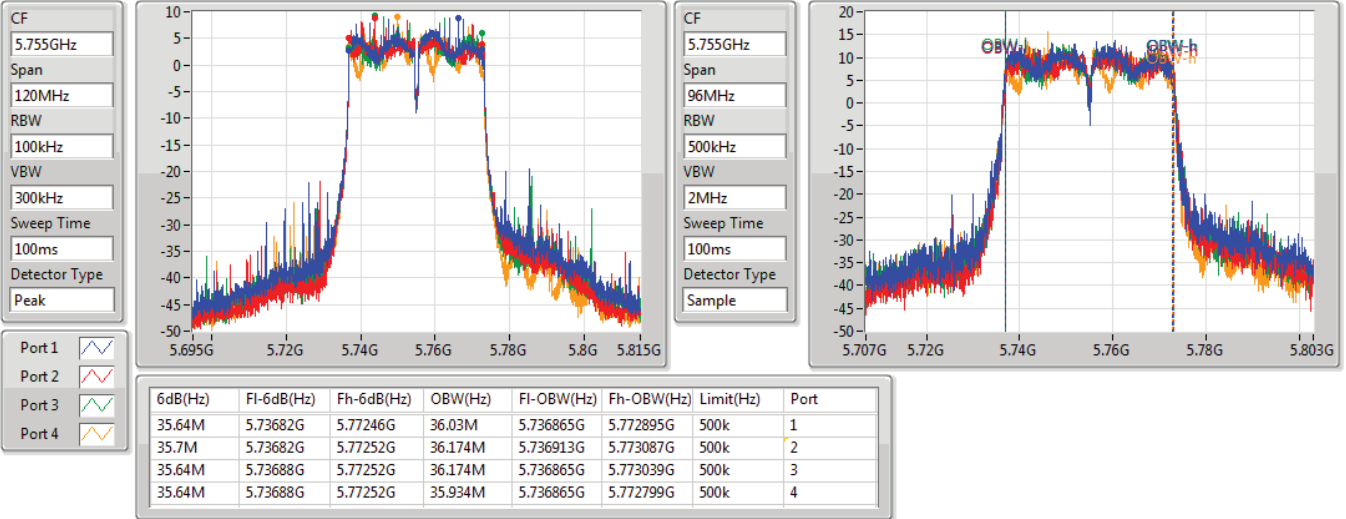
| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 41.22M   | 5.2096G     | 5.25082G    | 36.078M | 5.211961G  | 5.248039G  | Inf       | 1    |
| 39.54M   | 5.21038G    | 5.24992G    | 36.078M | 5.212009G  | 5.248087G  | Inf       | 2    |
| 40.74M   | 5.21002G    | 5.25076G    | 36.078M | 5.211913G  | 5.247991G  | Inf       | 3    |
| 39.78M   | 5.2102G     | 5.24998G    | 36.078M | 5.211961G  | 5.248039G  | Inf       | 4    |

802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

EBW

5755MHz

14/05/2020

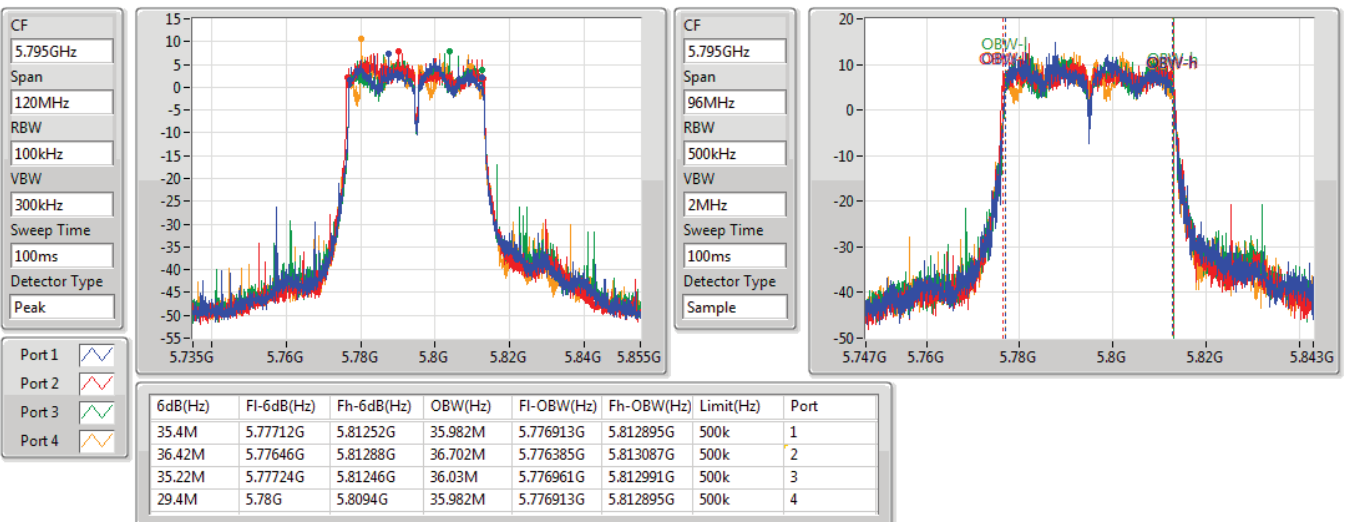


802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

EBW

5795MHz

14/05/2020



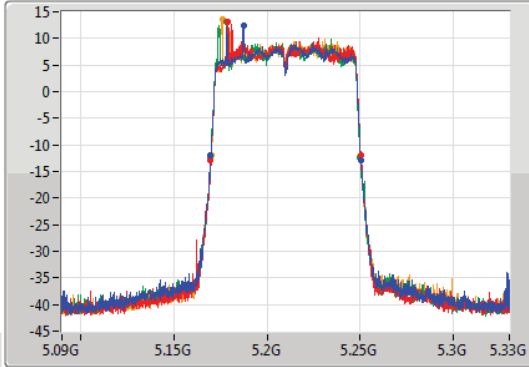
802.11ac VHT80-BF\_Nss1,(MCS0)\_4TX

EBW

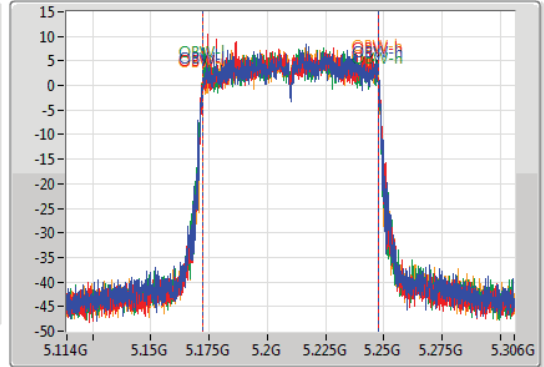
5210MHz

14/05/2020

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



CF  
5.21GHz  
Span  
192MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 80.64M   | 5.16968G    | 5.25032G    | 75.514M | 5.172291G  | 5.247805G  | Inf       | 1    |
| 80.64M   | 5.1698G     | 5.25044G    | 75.514M | 5.172291G  | 5.247805G  | Inf       | 2    |
| 80.4M    | 5.16968G    | 5.25008G    | 75.418M | 5.172195G  | 5.247613G  | Inf       | 3    |
| 79.92M   | 5.17016G    | 5.25008G    | 75.322M | 5.172387G  | 5.247709G  | Inf       | 4    |

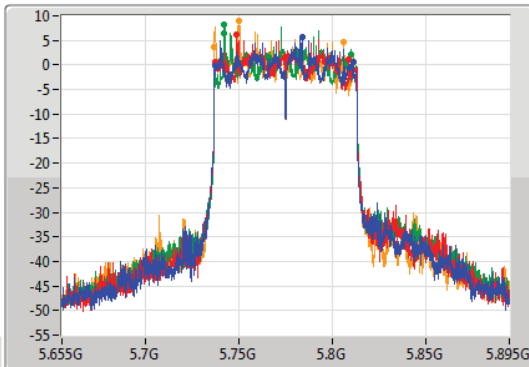
802.11ac VHT80-BF\_Nss1,(MCS0)\_4TX

EBW

5775MHz

14/05/2020

CF  
5.775GHz  
Span  
240MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.775GHz  
Span  
192MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 73.68M  | 5.73756G   | 5.81124G   | 75.322M | 5.737099G  | 5.812421G  | 500k      | 1    |
| 71.64M  | 5.7372G    | 5.80884G   | 75.706M | 5.737099G  | 5.812805G  | 500k      | 2    |
| 68.28M  | 5.74176G   | 5.81004G   | 75.418M | 5.737483G  | 5.812901G  | 500k      | 3    |
| 69.6M   | 5.73672G   | 5.80632G   | 75.514M | 5.737291G  | 5.812805G  | 500k      | 4    |

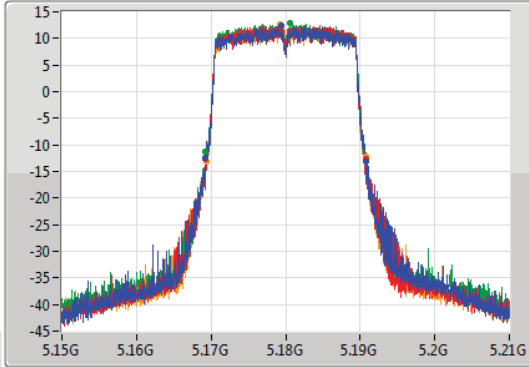
802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

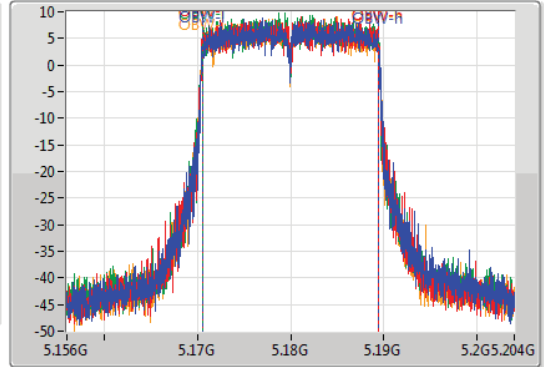
5180MHz

14/05/2020

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



CF  
5.18GHz  
Span  
48MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 21.48M   | 5.16929G    | 5.19077G    | 18.927M | 5.170525G  | 5.189451G  | Inf       | 1    |
| 21.57M   | 5.16917G    | 5.19074G    | 18.927M | 5.170525G  | 5.189451G  | Inf       | 2    |
| 21.63M   | 5.16923G    | 5.19086G    | 18.903M | 5.170525G  | 5.189427G  | Inf       | 3    |
| 21.36M   | 5.16935G    | 5.19071G    | 18.879M | 5.170549G  | 5.189427G  | Inf       | 4    |

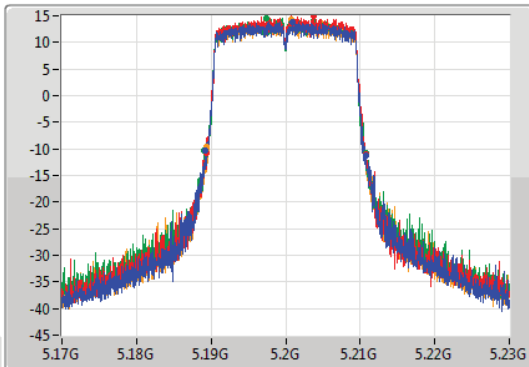
802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

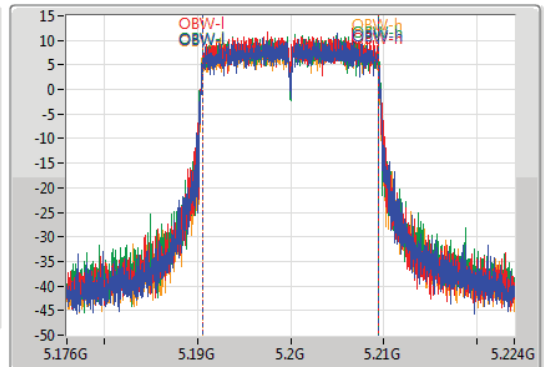
5200MHz

14/05/2020

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



CF  
5.2GHz  
Span  
48MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

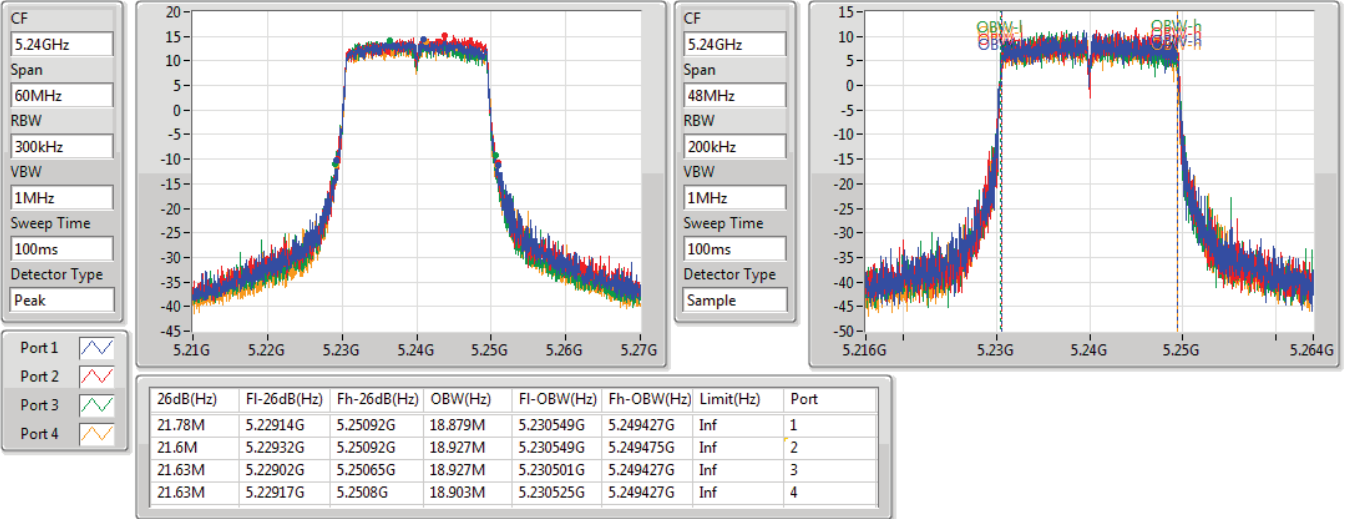
| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 21.6M    | 5.18923G    | 5.21083G    | 18.879M | 5.190549G  | 5.209427G  | Inf       | 1    |
| 21.42M   | 5.18932G    | 5.21074G    | 18.879M | 5.190549G  | 5.209427G  | Inf       | 2    |
| 21.75M   | 5.18908G    | 5.21083G    | 18.903M | 5.190525G  | 5.209427G  | Inf       | 3    |
| 21.33M   | 5.18944G    | 5.21077G    | 18.879M | 5.190549G  | 5.209427G  | Inf       | 4    |

802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

5240MHz

14/05/2020

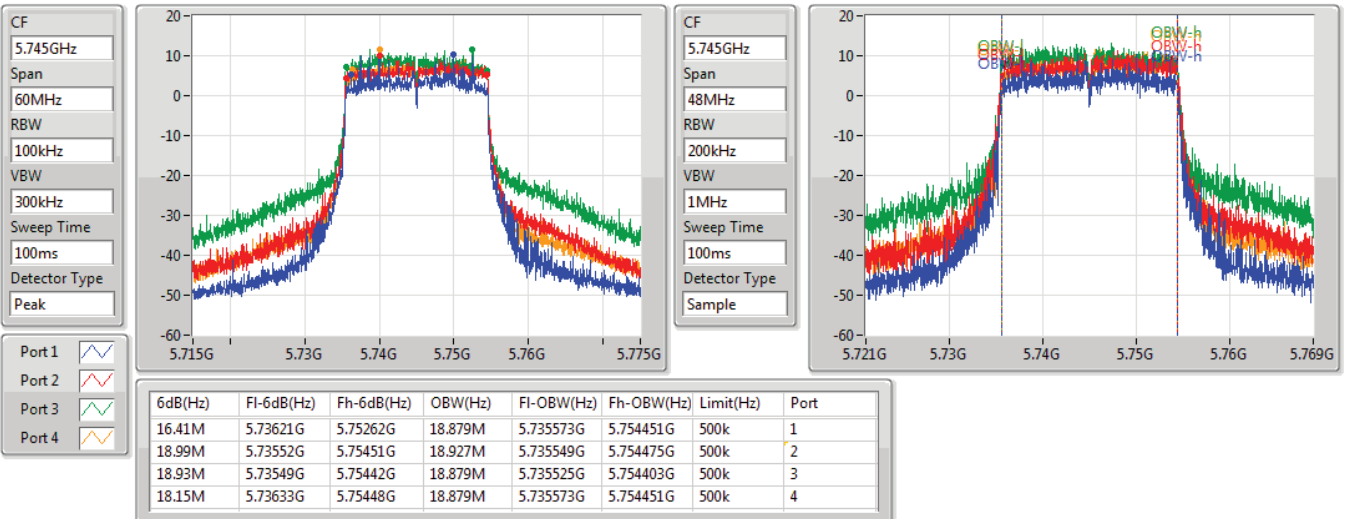


802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

5745MHz

14/05/2020



802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

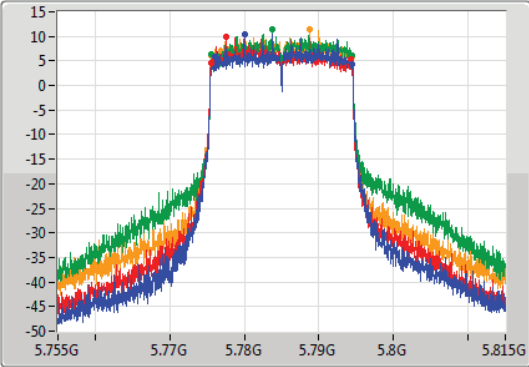
EBW

5785MHz

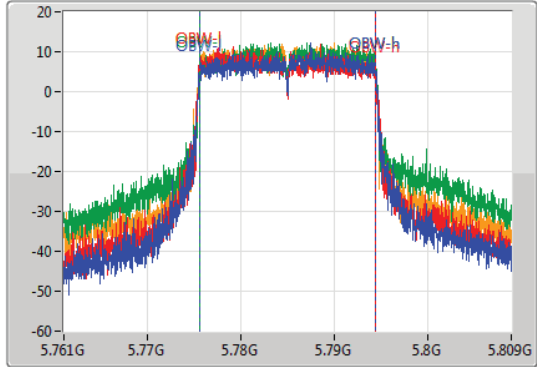
14/05/2020

CF  
5.785GHz  
Span  
60MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak

Port 1  
Port 2  
Port 3  
Port 4



CF  
5.785GHz  
Span  
48MHz  
RBW  
200kHz  
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 |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 18.48M  | 5.77603G   | 5.79451G   | 18.927M | 5.775549G  | 5.794475G  | 500k      | 1    |
| 18.78M  | 5.77552G   | 5.7943G    | 18.927M | 5.775525G  | 5.794451G  | 500k      | 2    |
| 18.87M  | 5.77561G   | 5.79448G   | 18.879M | 5.775573G  | 5.794451G  | 500k      | 3    |
| 18.84M  | 5.77555G   | 5.79439G   | 18.903M | 5.775525G  | 5.794427G  | 500k      | 4    |

802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

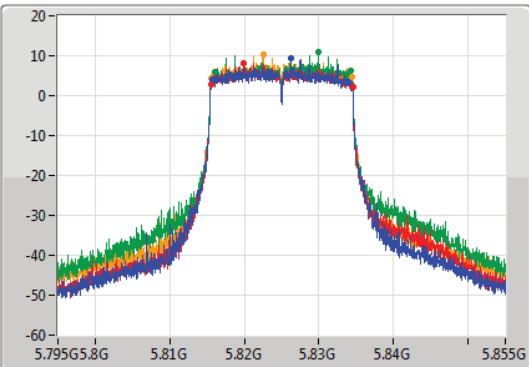
EBW

5825MHz

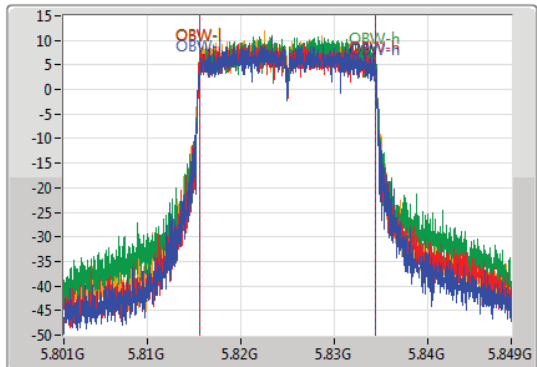
14/05/2020

CF  
5.825GHz  
Span  
60MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak

Port 1  
Port 2  
Port 3  
Port 4



CF  
5.825GHz  
Span  
48MHz  
RBW  
200kHz  
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 |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 18.3M   | 5.81567G   | 5.83397G   | 18.927M | 5.815525G  | 5.834451G  | 500k      | 1    |
| 19.02M  | 5.81552G   | 5.83454G   | 18.903M | 5.815525G  | 5.834427G  | 500k      | 2    |
| 18.3M   | 5.816G     | 5.8343G    | 18.903M | 5.815549G  | 5.834451G  | 500k      | 3    |
| 18.9M   | 5.81552G   | 5.83442G   | 18.903M | 5.815525G  | 5.834427G  | 500k      | 4    |

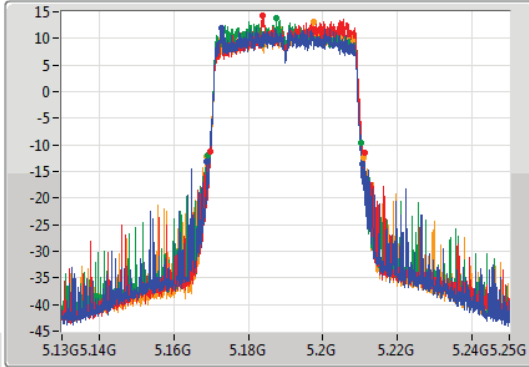
802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

EBW

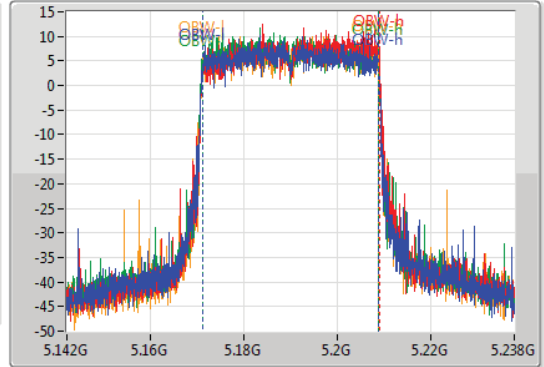
5190MHz

14/05/2020

CF  
5.19GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.19GHz  
Span  
96MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 41.7M    | 5.16876G    | 5.21046G    | 37.661M | 5.171145G  | 5.208807G  | Inf       | 1    |
| 41.22M   | 5.16984G    | 5.21106G    | 37.757M | 5.171241G  | 5.208999G  | Inf       | 2    |
| 41.04M   | 5.16924G    | 5.21028G    | 37.661M | 5.171097G  | 5.208759G  | Inf       | 3    |
| 42.06M   | 5.16882G    | 5.21088G    | 37.661M | 5.171145G  | 5.208807G  | Inf       | 4    |

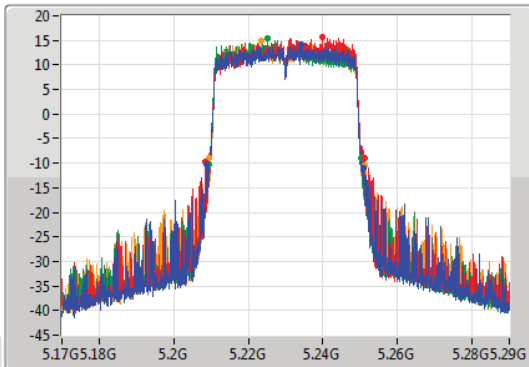
802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

EBW

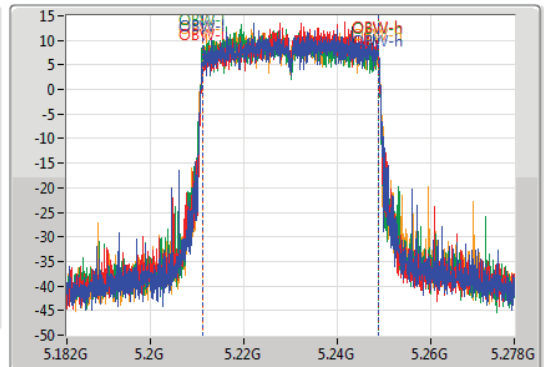
5230MHz

14/05/2020

CF  
5.23GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.23GHz  
Span  
96MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 42.18M   | 5.20882G    | 5.251G      | 37.757M | 5.211145G  | 5.248903G  | Inf       | 1    |
| 42.72M   | 5.20852G    | 5.25124G    | 37.661M | 5.211193G  | 5.248855G  | Inf       | 2    |
| 40.8M    | 5.20942G    | 5.25022G    | 37.757M | 5.211049G  | 5.248807G  | Inf       | 3    |
| 41.82M   | 5.20936G    | 5.25118G    | 37.709M | 5.211097G  | 5.248807G  | Inf       | 4    |

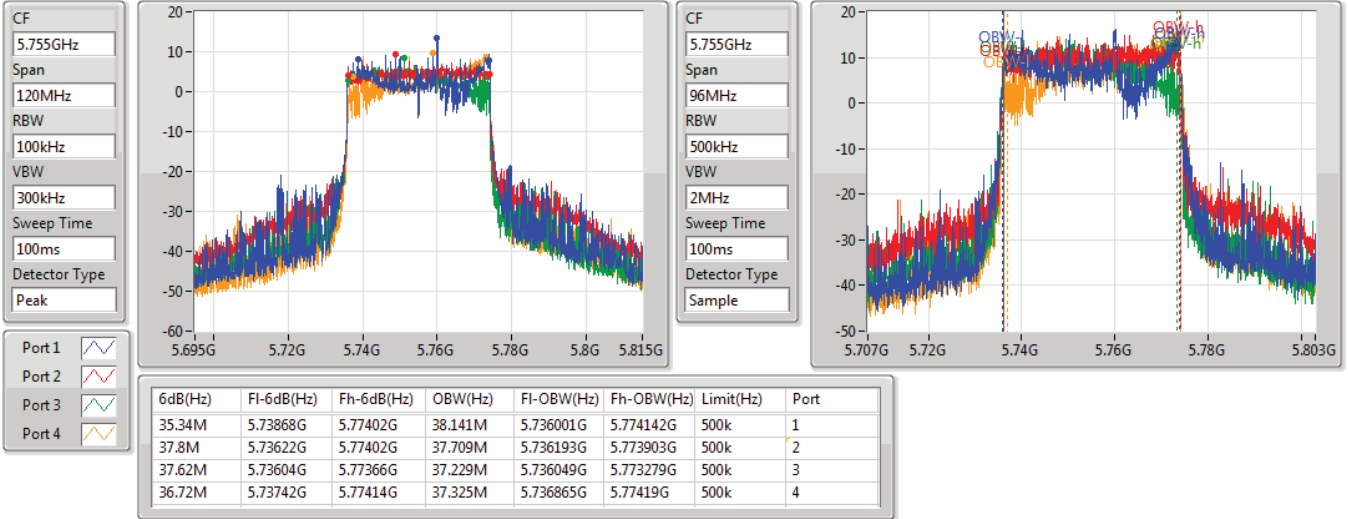


802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

EBW

5755MHz

14/05/2020

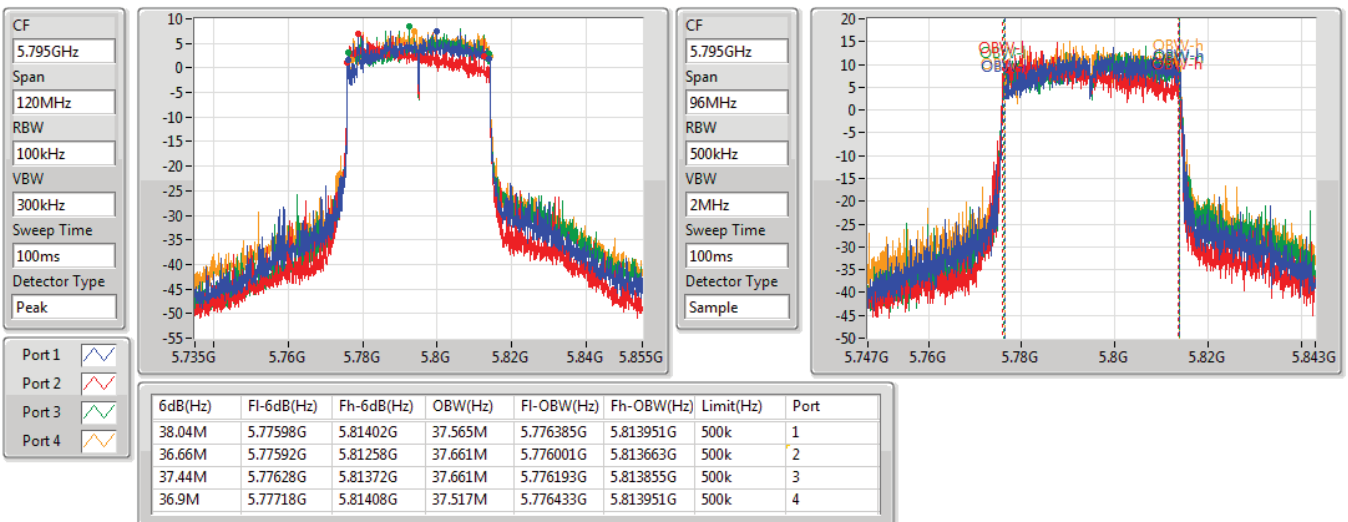


802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

EBW

5795MHz

14/05/2020



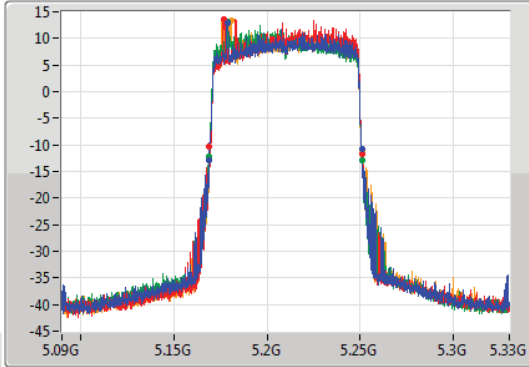
802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

EBW

5210MHz

14/05/2020

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



CF  
5.21GHz  
Span  
192MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 82.08M   | 5.16896G    | 5.25104G    | 77.145M | 5.171523G  | 5.248669G  | Inf       | 1    |
| 82.08M   | 5.16908G    | 5.25116G    | 76.858M | 5.171907G  | 5.248765G  | Inf       | 2    |
| 82.32M   | 5.16896G    | 5.25128G    | 76.954M | 5.171427G  | 5.248381G  | Inf       | 3    |
| 82.32M   | 5.16908G    | 5.2514G     | 77.049M | 5.171523G  | 5.248573G  | Inf       | 4    |

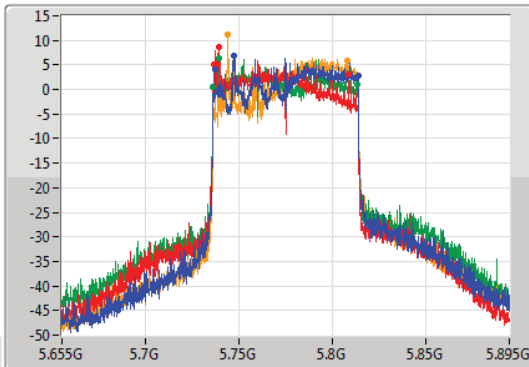
802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

EBW

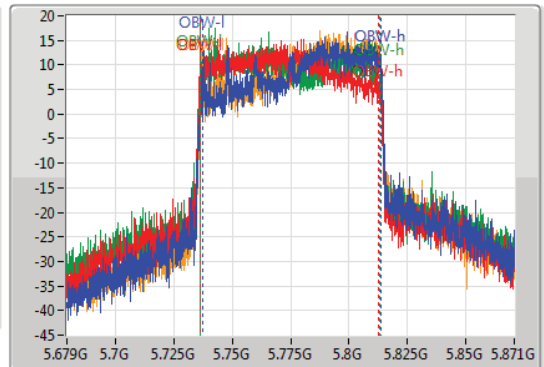
5775MHz

14/05/2020

CF  
5.775GHz  
Span  
240MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.775GHz  
Span  
192MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 76.44M  | 5.73744G   | 5.81388G   | 76.762M | 5.737195G  | 5.813957G  | 500k      | 1    |
| 71.88M  | 5.73684G   | 5.80872G   | 76.57M  | 5.736331G  | 5.812901G  | 500k      | 2    |
| 77.28M  | 5.73612G   | 5.8134G    | 77.145M | 5.736331G  | 5.813477G  | 500k      | 3    |
| 64.68M  | 5.74368G   | 5.80836G   | 76.762M | 5.737099G  | 5.813861G  | 500k      | 4    |



Summary

| Mode                           | Total Power (dBm) | Total Power (W) | EIRP (dBm) | EIRP (W) |
|--------------------------------|-------------------|-----------------|------------|----------|
| 5.15-5.25GHz                   | -                 | -               | -          | -        |
| 802.11a_Nss1,(6Mbps)_4TX       | 28.31             | 0.67764         | 33.01      | 1.99986  |
| 802.11ac VHT20_Nss1,(MCS0)_4TX | 28.19             | 0.65917         | 32.89      | 1.94536  |
| 802.11ac VHT40_Nss1,(MCS0)_4TX | 29.92             | 0.98175         | 34.62      | 2.89734  |
| 802.11ac VHT80_Nss1,(MCS0)_4TX | 24.32             | 0.27040         | 29.02      | 0.79799  |
| 802.11ax HEW20_Nss1,(MCS0)_4TX | 28.32             | 0.67920         | 33.02      | 2.00447  |
| 802.11ax HEW40_Nss1,(MCS0)_4TX | 29.66             | 0.92470         | 34.36      | 2.72898  |
| 802.11ax HEW80_Nss1,(MCS0)_4TX | 23.73             | 0.23605         | 28.43      | 0.69663  |
| 5.725-5.85GHz                  | -                 | -               | -          | -        |
| 802.11a_Nss1,(6Mbps)_4TX       | 29.79             | 0.95280         | 35.49      | 3.53997  |
| 802.11ac VHT20_Nss1,(MCS0)_4TX | 29.79             | 0.95280         | 35.49      | 3.53997  |
| 802.11ac VHT40_Nss1,(MCS0)_4TX | 29.78             | 0.95060         | 35.48      | 3.53183  |
| 802.11ac VHT80_Nss1,(MCS0)_4TX | 28.02             | 0.63387         | 33.72      | 2.35505  |
| 802.11ax HEW20_Nss1,(MCS0)_4TX | 29.79             | 0.95280         | 35.49      | 3.53997  |
| 802.11ax HEW40_Nss1,(MCS0)_4TX | 29.79             | 0.95280         | 35.49      | 3.53997  |
| 802.11ax HEW80_Nss1,(MCS0)_4TX | 27.82             | 0.60534         | 33.52      | 2.24905  |



Result

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Port 3<br>(dBm) | Port 4<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|--------------------------------|--------|-------------|-----------------|-----------------|-----------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11a_Nss1,(6Mbps)_4TX       | -      | -           | -               | -               | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 4.70        | 20.01           | 21.85           | 21.54           | 21.81           | 27.38                | 30.00                | 32.08         | 36.00               |
| 5200MHz                        | Pass   | 4.70        | 21.15           | 22.56           | 22.44           | 22.44           | 28.20                | 30.00                | 32.90         | 36.00               |
| 5240MHz                        | Pass   | 4.70        | 21.58           | 22.94           | 22.27           | 22.27           | 28.31                | 30.00                | 33.01         | 36.00               |
| 5745MHz                        | Pass   | 5.70        | 23.62           | 24.18           | 23.43           | 23.82           | 29.79                | 30.00                | 35.49         | 36.00               |
| 5785MHz                        | Pass   | 5.70        | 23.21           | 23.95           | 23.84           | 24.02           | 29.79                | 30.00                | 35.49         | 36.00               |
| 5825MHz                        | Pass   | 5.70        | 22.92           | 24.28           | 23.37           | 24.16           | 29.74                | 30.00                | 35.44         | 36.00               |
| 802.11ac VHT20_Nss1,(MCS0)_4TX | -      | -           | -               | -               | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 4.70        | 20.35           | 22.10           | 21.96           | 21.68           | 27.60                | 30.00                | 32.30         | 36.00               |
| 5200MHz                        | Pass   | 4.70        | 21.19           | 22.34           | 21.85           | 22.21           | 27.94                | 30.00                | 32.64         | 36.00               |
| 5240MHz                        | Pass   | 4.70        | 21.48           | 22.68           | 22.05           | 22.38           | 28.19                | 30.00                | 32.89         | 36.00               |
| 5745MHz                        | Pass   | 5.70        | 23.59           | 23.69           | 24.08           | 23.48           | 29.74                | 30.00                | 35.44         | 36.00               |
| 5785MHz                        | Pass   | 5.70        | 23.29           | 24.11           | 23.53           | 24.09           | 29.79                | 30.00                | 35.49         | 36.00               |
| 5825MHz                        | Pass   | 5.70        | 23.02           | 24.13           | 23.77           | 24.02           | 29.78                | 30.00                | 35.48         | 36.00               |
| 802.11ac VHT40_Nss1,(MCS0)_4TX | -      | -           | -               | -               | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                        | Pass   | 4.70        | 21.40           | 21.46           | 21.45           | 21.30           | 27.42                | 30.00                | 32.12         | 36.00               |
| 5230MHz                        | Pass   | 4.70        | 22.82           | 24.27           | 24.06           | 24.28           | 29.92                | 30.00                | 34.62         | 36.00               |
| 5755MHz                        | Pass   | 5.70        | 23.55           | 23.88           | 23.82           | 23.80           | 29.78                | 30.00                | 35.48         | 36.00               |
| 5795MHz                        | Pass   | 5.70        | 22.88           | 23.98           | 23.92           | 24.13           | 29.78                | 30.00                | 35.48         | 36.00               |
| 802.11ac VHT80_Nss1,(MCS0)_4TX | -      | -           | -               | -               | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                        | Pass   | 4.70        | 17.09           | 18.33           | 18.68           | 18.88           | 24.32                | 30.00                | 29.02         | 36.00               |
| 5775MHz                        | Pass   | 5.70        | 21.31           | 22.38           | 22.02           | 22.20           | 28.02                | 30.00                | 33.72         | 36.00               |
| 802.11ax HEW20_Nss1,(MCS0)_4TX | -      | -           | -               | -               | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 4.70        | 21.28           | 22.71           | 22.75           | 22.30           | 28.32                | 30.00                | 33.02         | 36.00               |
| 5200MHz                        | Pass   | 4.70        | 21.40           | 22.78           | 22.34           | 22.44           | 28.29                | 30.00                | 32.99         | 36.00               |
| 5240MHz                        | Pass   | 4.70        | 21.26           | 22.67           | 21.96           | 22.29           | 28.10                | 30.00                | 32.80         | 36.00               |
| 5745MHz                        | Pass   | 5.70        | 23.72           | 23.91           | 24.01           | 23.42           | 29.79                | 30.00                | 35.49         | 36.00               |
| 5785MHz                        | Pass   | 5.70        | 23.20           | 24.10           | 23.47           | 24.03           | 29.74                | 30.00                | 35.44         | 36.00               |
| 5825MHz                        | Pass   | 5.70        | 23.20           | 24.18           | 23.47           | 24.14           | 29.79                | 30.00                | 35.49         | 36.00               |
| 802.11ax HEW40_Nss1,(MCS0)_4TX | -      | -           | -               | -               | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                        | Pass   | 4.70        | 17.39           | 19.01           | 18.94           | 19.01           | 24.66                | 30.00                | 29.36         | 36.00               |
| 5230MHz                        | Pass   | 4.70        | 22.10           | 24.26           | 23.67           | 24.20           | 29.66                | 30.00                | 34.36         | 36.00               |
| 5755MHz                        | Pass   | 5.70        | 23.71           | 23.88           | 23.85           | 23.62           | 29.79                | 30.00                | 35.49         | 36.00               |
| 5795MHz                        | Pass   | 5.70        | 22.97           | 24.11           | 23.35           | 24.06           | 29.67                | 30.00                | 35.37         | 36.00               |
| 802.11ax HEW80_Nss1,(MCS0)_4TX | -      | -           | -               | -               | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                        | Pass   | 4.70        | 16.28           | 18.10           | 17.95           | 18.24           | 23.73                | 30.00                | 28.43         | 36.00               |
| 5775MHz                        | Pass   | 5.70        | 21.27           | 21.98           | 21.84           | 22.05           | 27.82                | 30.00                | 33.52         | 36.00               |

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



Summary

| Mode                              | Total Power (dBm) | Total Power (W) | EIRP (dBm) | EIRP (W) |
|-----------------------------------|-------------------|-----------------|------------|----------|
| 5.15-5.25GHz                      | -                 | -               | -          | -        |
| 802.11ac VHT20-BF_Nss1,(MCS0)_4TX | 28.14             | 0.65163         | 35.04      | 3.19154  |
| 802.11ac VHT40-BF_Nss1,(MCS0)_4TX | 27.36             | 0.54450         | 34.26      | 2.66686  |
| 802.11ac VHT80-BF_Nss1,(MCS0)_4TX | 23.42             | 0.21979         | 30.32      | 1.07647  |
| 802.11ax HEW20-BF_Nss1,(MCS0)_4TX | 28.43             | 0.69663         | 35.33      | 3.41193  |
| 802.11ax HEW40-BF_Nss1,(MCS0)_4TX | 28.10             | 0.64565         | 35.00      | 3.16228  |
| 802.11ax HEW80-BF_Nss1,(MCS0)_4TX | 23.99             | 0.25061         | 30.89      | 1.22744  |
| 5.725-5.85GHz                     | -                 | -               | -          | -        |
| 802.11ac VHT20-BF_Nss1,(MCS0)_4TX | 28.41             | 0.69343         | 35.21      | 3.31894  |
| 802.11ac VHT40-BF_Nss1,(MCS0)_4TX | 28.48             | 0.70469         | 35.28      | 3.37287  |
| 802.11ac VHT80-BF_Nss1,(MCS0)_4TX | 28.35             | 0.68391         | 35.15      | 3.27341  |
| 802.11ax HEW20-BF_Nss1,(MCS0)_4TX | 28.64             | 0.73114         | 35.44      | 3.49945  |
| 802.11ax HEW40-BF_Nss1,(MCS0)_4TX | 28.56             | 0.71779         | 35.36      | 3.43558  |
| 802.11ax HEW80-BF_Nss1,(MCS0)_4TX | 28.69             | 0.73961         | 35.49      | 3.53997  |



Result

| Mode                              | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Port 3<br>(dBm) | Port 4<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|-----------------------------------|--------|-------------|-----------------|-----------------|-----------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_4TX | -      | -           | -               | -               | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                           | Pass   | 6.90        | 20.39           | 19.93           | 20.01           | 20.13           | 26.14                | 29.10                | 33.04         | 36.00               |
| 5200MHz                           | Pass   | 6.90        | 21.57           | 22.44           | 21.90           | 22.17           | 28.05                | 29.10                | 34.95         | 36.00               |
| 5240MHz                           | Pass   | 6.90        | 22.36           | 21.84           | 22.42           | 21.83           | 28.14                | 29.10                | 35.04         | 36.00               |
| 5745MHz                           | Pass   | 6.80        | 22.67           | 22.26           | 22.88           | 21.65           | 28.41                | 29.20                | 35.21         | 36.00               |
| 5785MHz                           | Pass   | 6.80        | 22.49           | 22.12           | 21.55           | 22.40           | 28.18                | 29.20                | 34.98         | 36.00               |
| 5825MHz                           | Pass   | 6.80        | 20.48           | 19.56           | 21.60           | 20.81           | 26.69                | 29.20                | 33.49         | 36.00               |
| 802.11ac VHT40-BF_Nss1,(MCS0)_4TX | -      | -           | -               | -               | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                           | Pass   | 6.90        | 19.38           | 19.55           | 19.41           | 19.34           | 25.44                | 29.10                | 32.34         | 36.00               |
| 5230MHz                           | Pass   | 6.90        | 21.56           | 21.49           | 21.19           | 21.08           | 27.36                | 29.10                | 34.26         | 36.00               |
| 5755MHz                           | Pass   | 6.80        | 22.97           | 22.38           | 22.47           | 21.96           | 28.48                | 29.20                | 35.28         | 36.00               |
| 5795MHz                           | Pass   | 6.80        | 21.17           | 21.56           | 21.36           | 21.95           | 27.54                | 29.20                | 34.34         | 36.00               |
| 802.11ac VHT80-BF_Nss1,(MCS0)_4TX | -      | -           | -               | -               | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                           | Pass   | 6.90        | 17.44           | 17.44           | 17.41           | 17.29           | 23.42                | 29.10                | 30.32         | 36.00               |
| 5775MHz                           | Pass   | 6.80        | 22.21           | 22.32           | 22.51           | 22.28           | 28.35                | 29.20                | 35.15         | 36.00               |
| 802.11ax HEW20-BF_Nss1,(MCS0)_4TX | -      | -           | -               | -               | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                           | Pass   | 6.90        | 20.58           | 20.88           | 21.16           | 20.43           | 26.79                | 29.10                | 33.69         | 36.00               |
| 5200MHz                           | Pass   | 6.90        | 21.89           | 22.85           | 22.79           | 22.02           | 28.43                | 29.10                | 35.33         | 36.00               |
| 5240MHz                           | Pass   | 6.90        | 22.41           | 22.77           | 21.92           | 21.88           | 28.28                | 29.10                | 35.18         | 36.00               |
| 5745MHz                           | Pass   | 6.80        | 21.58           | 23.02           | 23.07           | 22.66           | 28.64                | 29.20                | 35.44         | 36.00               |
| 5785MHz                           | Pass   | 6.80        | 21.81           | 21.25           | 23.39           | 23.46           | 28.60                | 29.20                | 35.40         | 36.00               |
| 5825MHz                           | Pass   | 6.80        | 20.51           | 20.64           | 21.67           | 22.44           | 27.41                | 29.20                | 34.21         | 36.00               |
| 802.11ax HEW40-BF_Nss1,(MCS0)_4TX | -      | -           | -               | -               | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                           | Pass   | 6.90        | 19.33           | 20.68           | 20.38           | 19.84           | 26.11                | 29.10                | 33.01         | 36.00               |
| 5230MHz                           | Pass   | 6.90        | 21.58           | 22.57           | 22.12           | 21.98           | 28.10                | 29.10                | 35.00         | 36.00               |
| 5755MHz                           | Pass   | 6.80        | 22.02           | 23.65           | 22.37           | 21.88           | 28.56                | 29.20                | 35.36         | 36.00               |
| 5795MHz                           | Pass   | 6.80        | 21.89           | 21.31           | 22.36           | 23.73           | 28.44                | 29.20                | 35.24         | 36.00               |
| 802.11ax HEW80-BF_Nss1,(MCS0)_4TX | -      | -           | -               | -               | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                           | Pass   | 6.90        | 17.47           | 17.74           | 18.55           | 18.04           | 23.99                | 29.10                | 30.89         | 36.00               |
| 5775MHz                           | Pass   | 6.80        | 22.01           | 23.05           | 22.83           | 22.71           | 28.69                | 29.20                | 35.49         | 36.00               |

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



Summary

| Mode                           | PD<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) |
|--------------------------------|-----------------|----------------------|
| 5.15-5.25GHz                   | -               | -                    |
| 802.11a_Nss1,(6Mbps)_4TX       | 15.83           | 22.73                |
| 802.11ac VHT20_Nss1,(MCS0)_4TX | 15.89           | 22.79                |
| 802.11ac VHT40_Nss1,(MCS0)_4TX | 13.85           | 20.75                |
| 802.11ac VHT80_Nss1,(MCS0)_4TX | 5.62            | 12.52                |
| 802.11ax HEW20_Nss1,(MCS0)_4TX | 15.89           | 22.79                |
| 802.11ax HEW40_Nss1,(MCS0)_4TX | 13.16           | 20.06                |
| 802.11ax HEW80_Nss1,(MCS0)_4TX | 4.88            | 11.78                |
| 5.725-5.85GHz                  | -               | -                    |
| 802.11a_Nss1,(6Mbps)_4TX       | 16.23           | 23.03                |
| 802.11ac VHT20_Nss1,(MCS0)_4TX | 15.86           | 22.66                |
| 802.11ac VHT40_Nss1,(MCS0)_4TX | 13.27           | 20.07                |
| 802.11ac VHT80_Nss1,(MCS0)_4TX | 8.23            | 15.03                |
| 802.11ax HEW20_Nss1,(MCS0)_4TX | 15.89           | 22.69                |
| 802.11ax HEW40_Nss1,(MCS0)_4TX | 13.32           | 20.12                |
| 802.11ax HEW80_Nss1,(MCS0)_4TX | 7.86            | 14.66                |

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



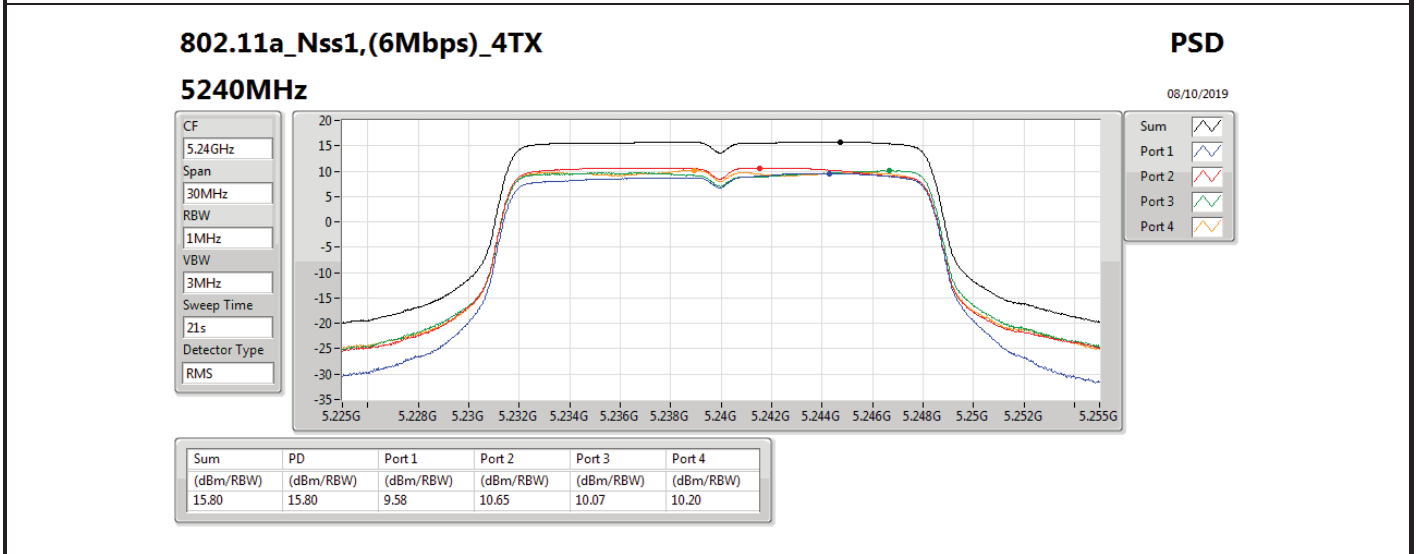
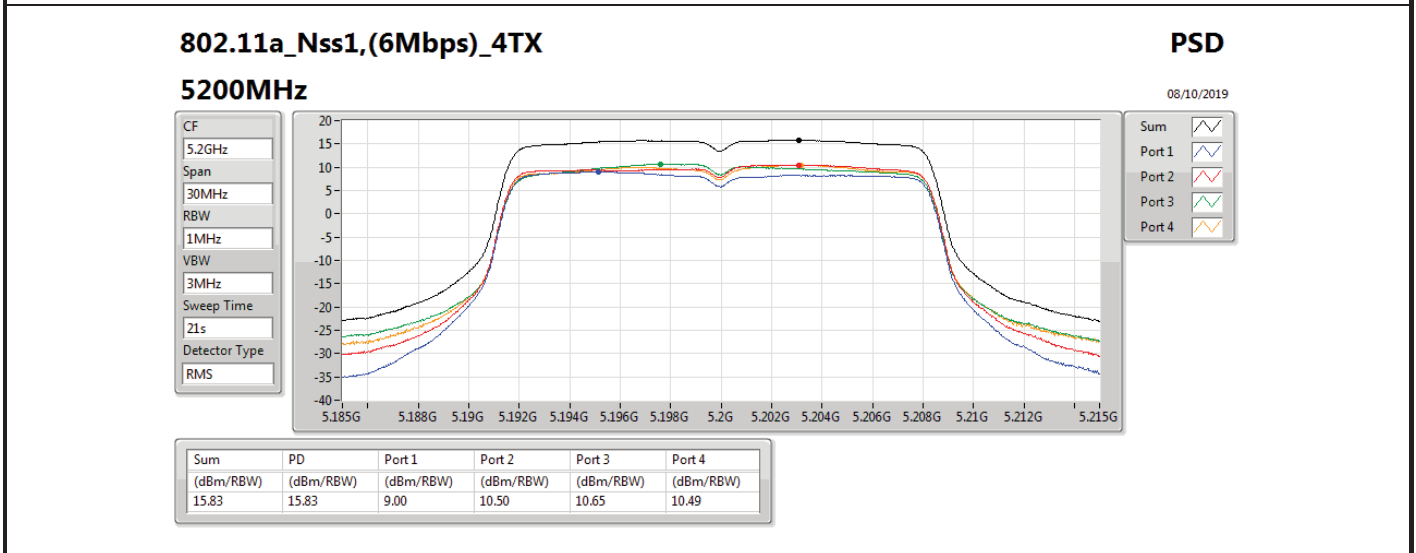
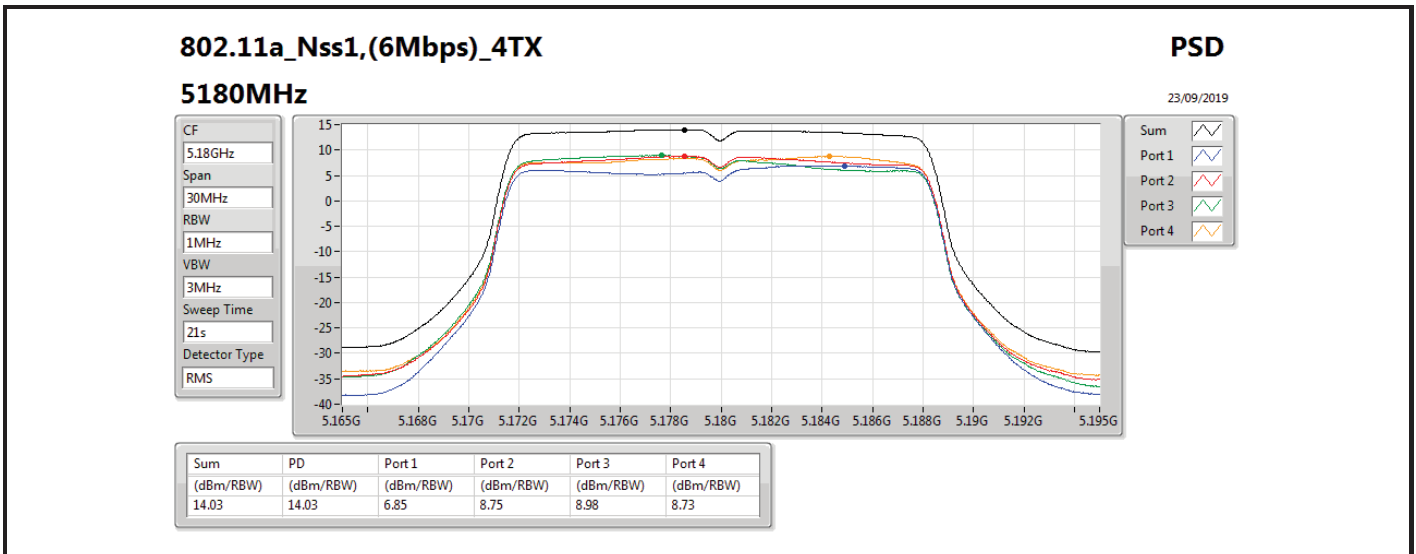
Result

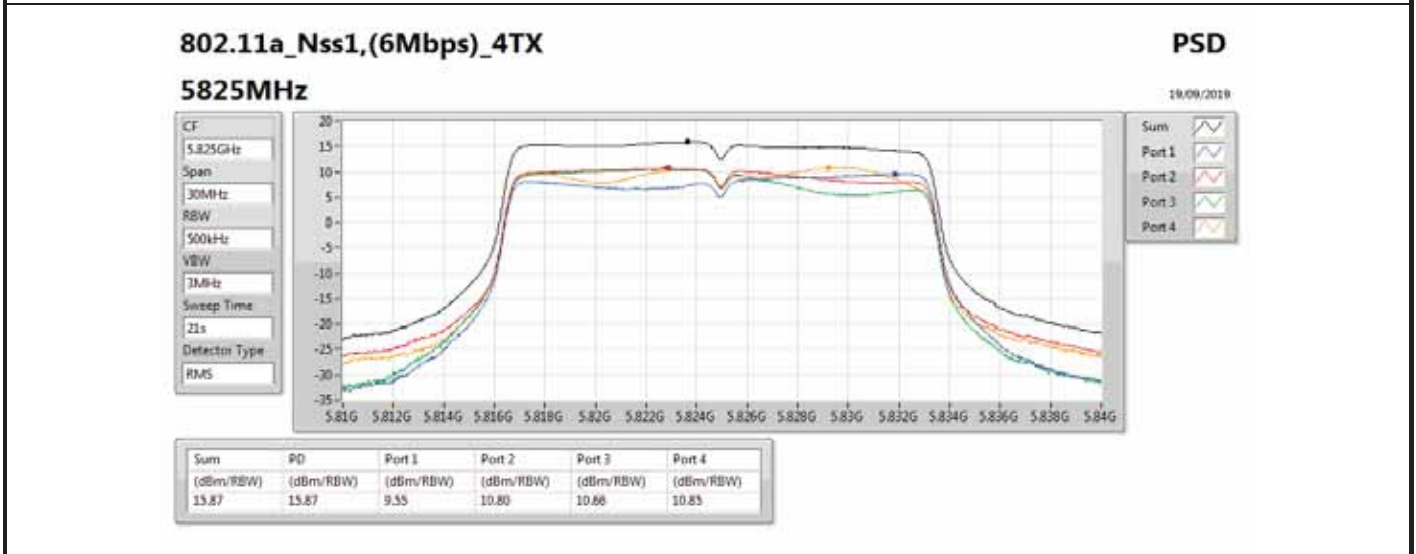
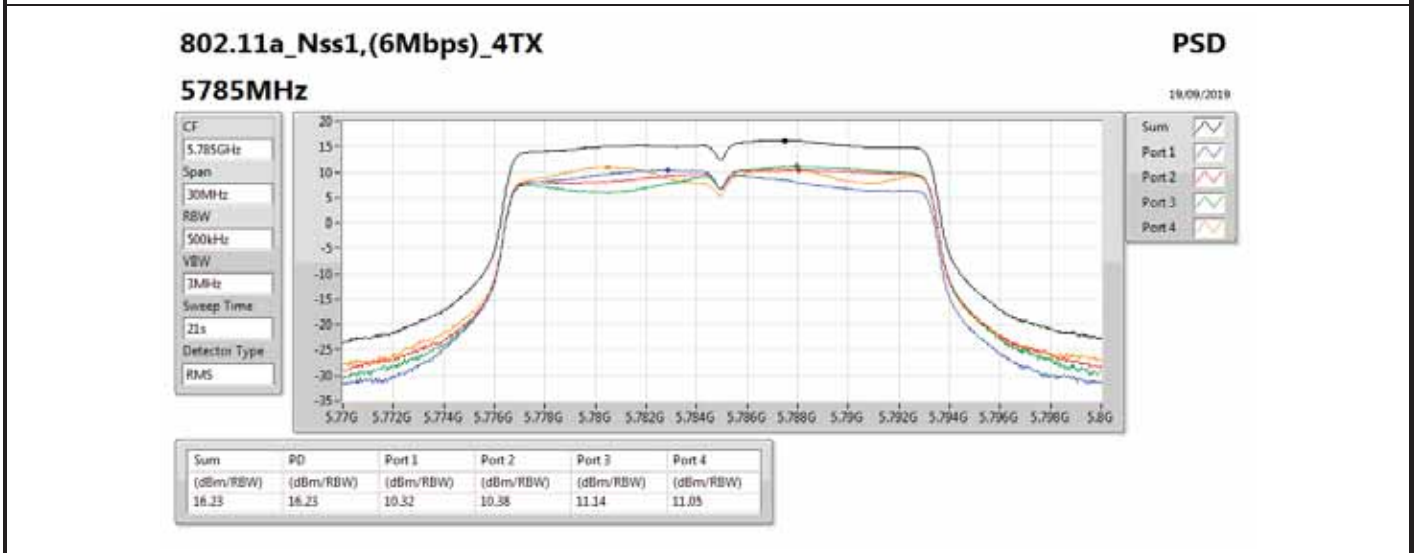
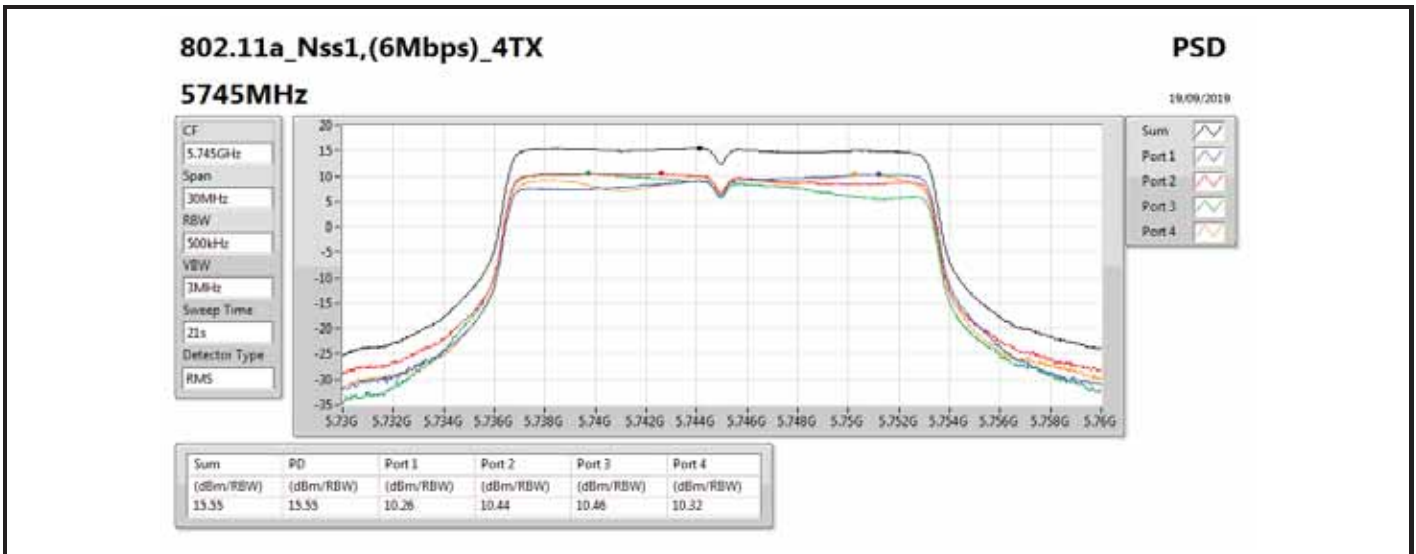
| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) | Port 3<br>(dBm/RBW) | Port 4<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) | EIRP PD Limit<br>(dBm/RBW) |
|--------------------------------|--------|-------------|---------------------|---------------------|---------------------|---------------------|-----------------|-----------------------|----------------------|----------------------------|
| 802.11a_Nss1,(6Mbps)_4TX       | -      | -           | -                   | -                   | -                   | -                   | -               | -                     | -                    | -                          |
| 5180MHz                        | Pass   | 6.90        | 6.85                | 8.75                | 8.98                | 8.73                | 14.03           | 16.10                 | 20.93                | 23.00                      |
| 5200MHz                        | Pass   | 6.90        | 9.00                | 10.50               | 10.65               | 10.49               | 15.83           | 16.10                 | 22.73                | 23.00                      |
| 5240MHz                        | Pass   | 6.90        | 9.58                | 10.65               | 10.07               | 10.20               | 15.80           | 16.10                 | 22.70                | 23.00                      |
| 5745MHz                        | Pass   | 6.80        | 10.26               | 10.44               | 10.46               | 10.32               | 15.55           | 29.20                 | 22.35                | 36.00                      |
| 5785MHz                        | Pass   | 6.80        | 10.32               | 10.38               | 11.14               | 11.05               | 16.23           | 29.20                 | 23.03                | 36.00                      |
| 5825MHz                        | Pass   | 6.80        | 9.55                | 10.80               | 10.66               | 10.85               | 15.87           | 29.20                 | 22.67                | 36.00                      |
| 802.11ac VHT20_Nss1,(MCS0)_4TX | -      | -           | -                   | -                   | -                   | -                   | -               | -                     | -                    | -                          |
| 5180MHz                        | Pass   | 6.90        | 8.45                | 10.58               | 10.47               | 9.41                | 15.32           | 16.10                 | 22.22                | 23.00                      |
| 5200MHz                        | Pass   | 6.90        | 9.06                | 10.32               | 10.38               | 10.50               | 15.79           | 16.10                 | 22.69                | 23.00                      |
| 5240MHz                        | Pass   | 6.90        | 9.45                | 10.65               | 10.34               | 10.76               | 15.89           | 16.10                 | 22.79                | 23.00                      |
| 5745MHz                        | Pass   | 6.80        | 10.24               | 9.86                | 10.42               | 9.85                | 15.86           | 29.20                 | 22.66                | 36.00                      |
| 5785MHz                        | Pass   | 6.80        | 9.68                | 10.47               | 10.44               | 10.81               | 15.57           | 29.20                 | 22.37                | 36.00                      |
| 5825MHz                        | Pass   | 6.80        | 9.52                | 10.58               | 10.63               | 11.06               | 15.67           | 29.20                 | 22.47                | 36.00                      |
| 802.11ac VHT40_Nss1,(MCS0)_4TX | -      | -           | -                   | -                   | -                   | -                   | -               | -                     | -                    | -                          |
| 5190MHz                        | Pass   | 6.90        | 6.48                | 6.48                | 6.99                | 6.34                | 12.12           | 16.10                 | 19.02                | 23.00                      |
| 5230MHz                        | Pass   | 6.90        | 7.29                | 8.51                | 8.83                | 8.75                | 13.85           | 16.10                 | 20.75                | 23.00                      |
| 5755MHz                        | Pass   | 6.80        | 7.49                | 7.15                | 8.39                | 7.86                | 13.27           | 29.20                 | 20.07                | 36.00                      |
| 5795MHz                        | Pass   | 6.80        | 7.02                | 7.58                | 8.06                | 8.16                | 13.25           | 29.20                 | 20.05                | 36.00                      |
| 802.11ac VHT80_Nss1,(MCS0)_4TX | -      | -           | -                   | -                   | -                   | -                   | -               | -                     | -                    | -                          |
| 5210MHz                        | Pass   | 6.90        | -1.02               | 0.09                | 0.73                | 0.34                | 5.62            | 16.10                 | 12.52                | 23.00                      |
| 5775MHz                        | Pass   | 6.80        | 2.14                | 2.28                | 3.08                | 3.07                | 8.23            | 29.20                 | 15.03                | 36.00                      |
| 802.11ax HEW20_Nss1,(MCS0)_4TX | -      | -           | -                   | -                   | -                   | -                   | -               | -                     | -                    | -                          |
| 5180MHz                        | Pass   | 6.90        | 9.23                | 10.24               | 10.48               | 10.02               | 15.77           | 16.10                 | 22.67                | 23.00                      |
| 5200MHz                        | Pass   | 6.90        | 9.10                | 10.88               | 10.19               | 10.15               | 15.89           | 16.10                 | 22.79                | 23.00                      |
| 5240MHz                        | Pass   | 6.90        | 9.48                | 10.69               | 10.33               | 10.19               | 15.68           | 16.10                 | 22.58                | 23.00                      |
| 5745MHz                        | Pass   | 6.80        | 10.12               | 10.39               | 10.56               | 10.17               | 15.48           | 29.20                 | 22.28                | 36.00                      |
| 5785MHz                        | Pass   | 6.80        | 9.63                | 9.69                | 10.69               | 10.87               | 15.89           | 29.20                 | 22.69                | 36.00                      |
| 5825MHz                        | Pass   | 6.80        | 9.55                | 10.30               | 10.39               | 10.73               | 15.55           | 29.20                 | 22.35                | 36.00                      |
| 802.11ax HEW40_Nss1,(MCS0)_4TX | -      | -           | -                   | -                   | -                   | -                   | -               | -                     | -                    | -                          |
| 5190MHz                        | Pass   | 6.90        | 1.98                | 2.86                | 3.73                | 2.97                | 8.72            | 16.10                 | 15.62                | 23.00                      |
| 5230MHz                        | Pass   | 6.90        | 6.44                | 7.97                | 8.08                | 7.91                | 13.16           | 16.10                 | 20.06                | 23.00                      |
| 5755MHz                        | Pass   | 6.80        | 7.28                | 6.99                | 8.58                | 7.79                | 13.32           | 29.20                 | 20.12                | 36.00                      |
| 5795MHz                        | Pass   | 6.80        | 6.83                | 7.06                | 8.40                | 7.98                | 13.14           | 29.20                 | 19.94                | 36.00                      |
| 802.11ax HEW80_Nss1,(MCS0)_4TX | -      | -           | -                   | -                   | -                   | -                   | -               | -                     | -                    | -                          |
| 5210MHz                        | Pass   | 6.90        | -1.85               | -0.70               | -0.06               | -0.53               | 4.88            | 16.10                 | 11.78                | 23.00                      |
| 5775MHz                        | Pass   | 6.80        | 1.84                | 1.80                | 2.72                | 2.70                | 7.86            | 29.20                 | 14.66                | 36.00                      |

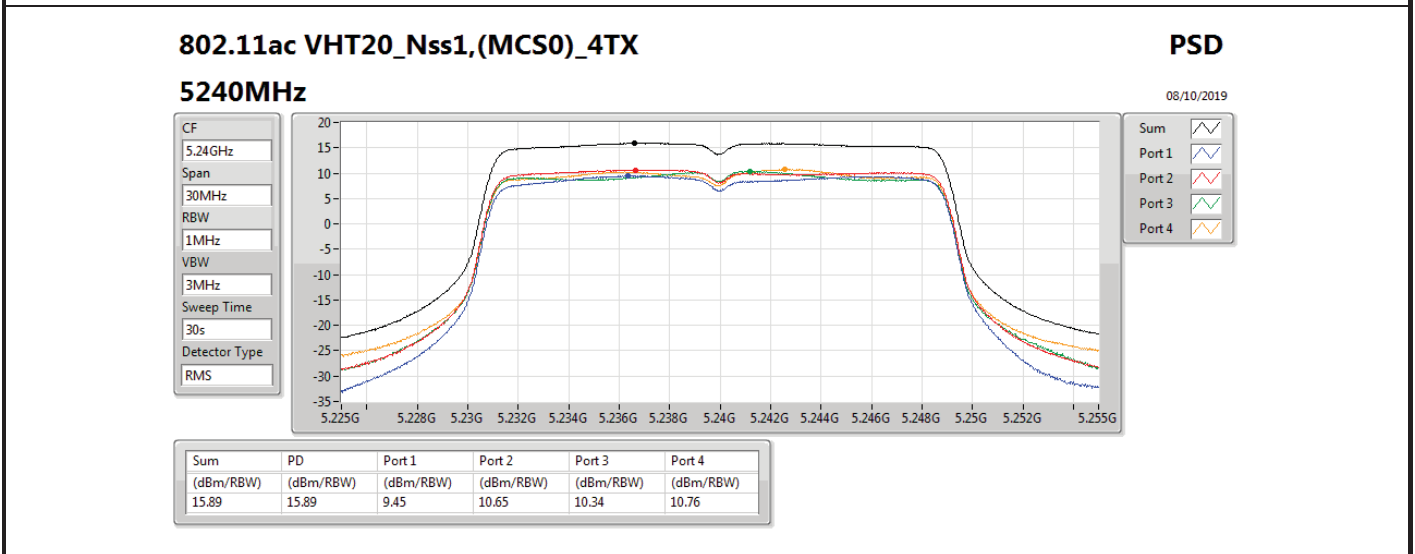
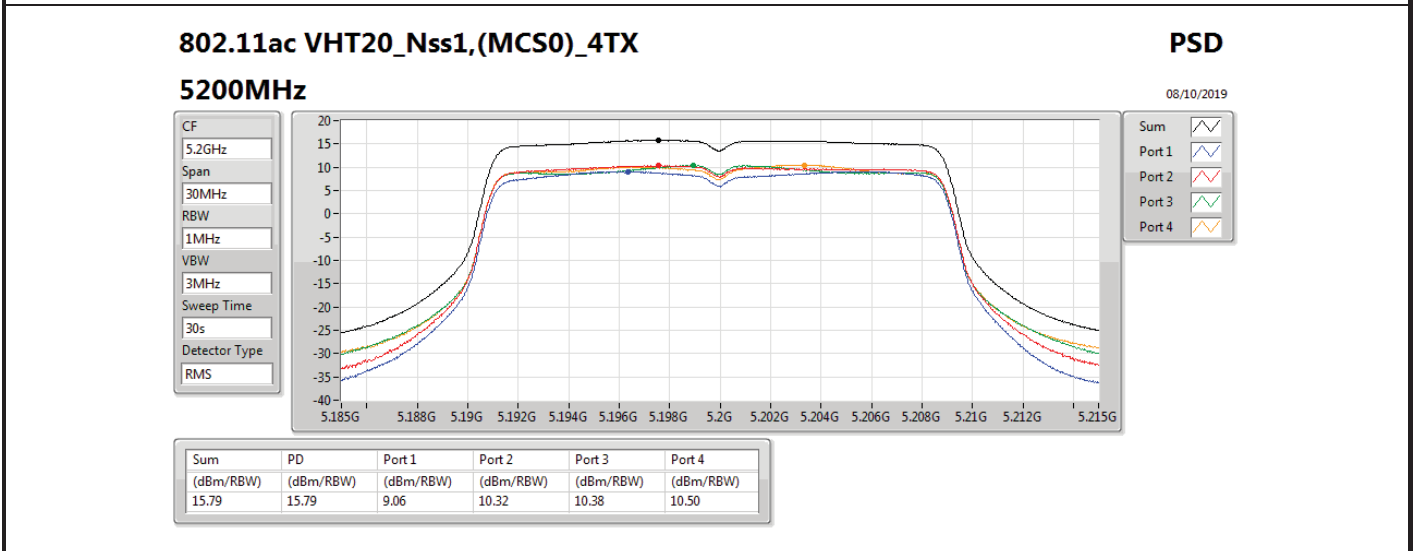
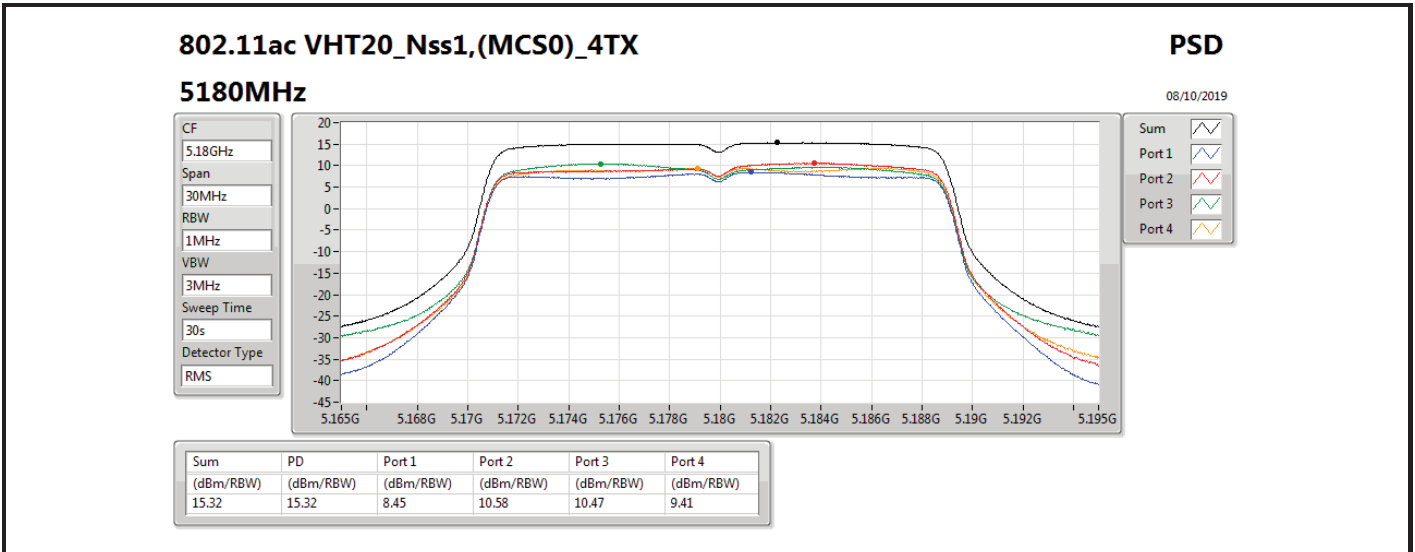
DG = Directional Gain; RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

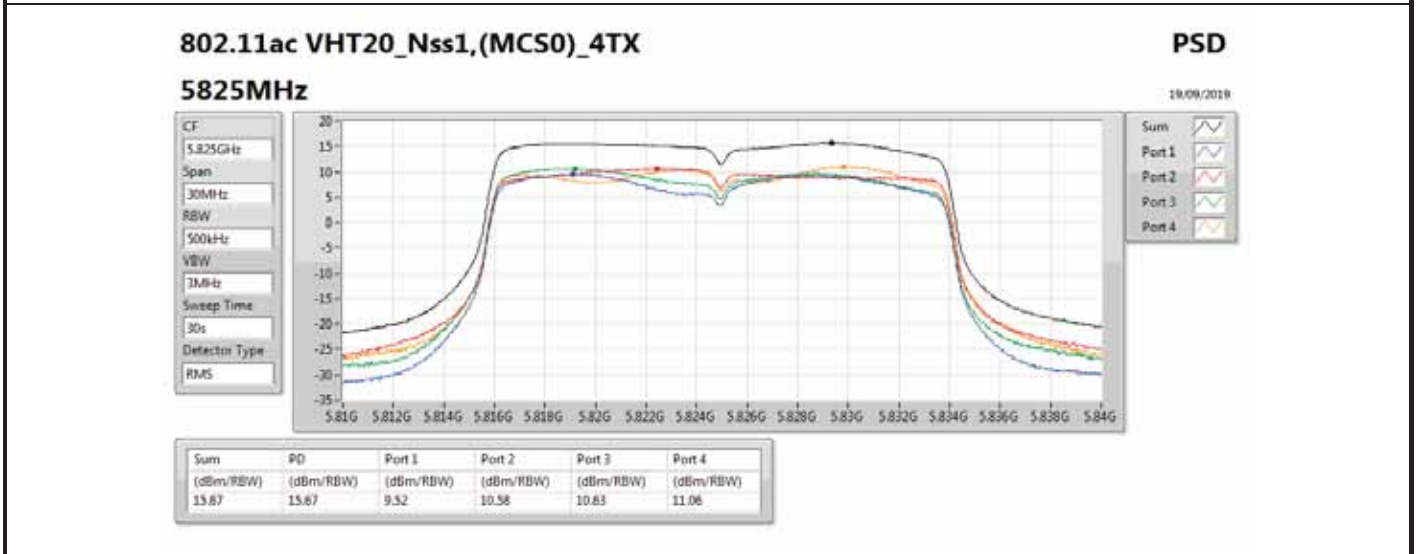
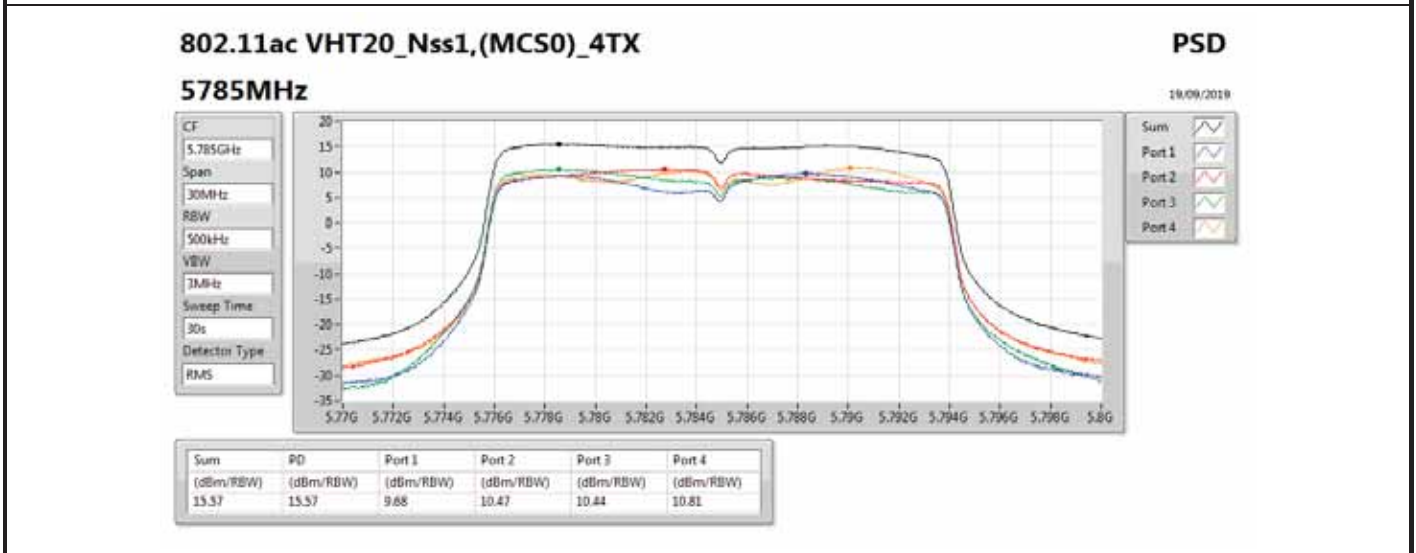
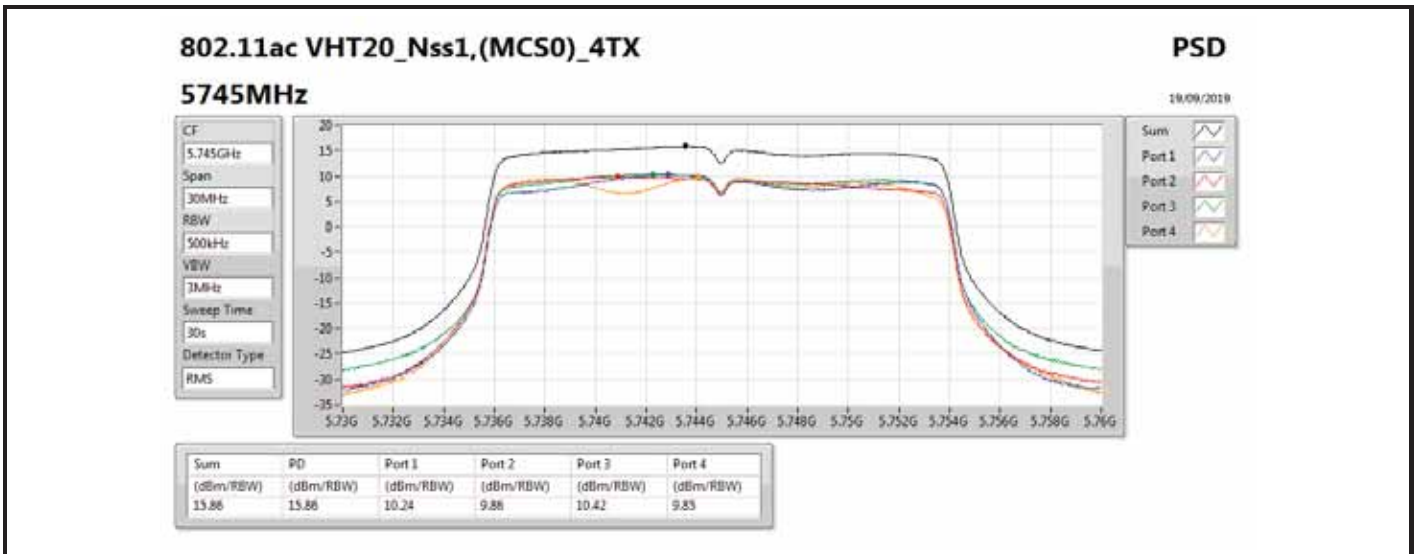
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X power density;

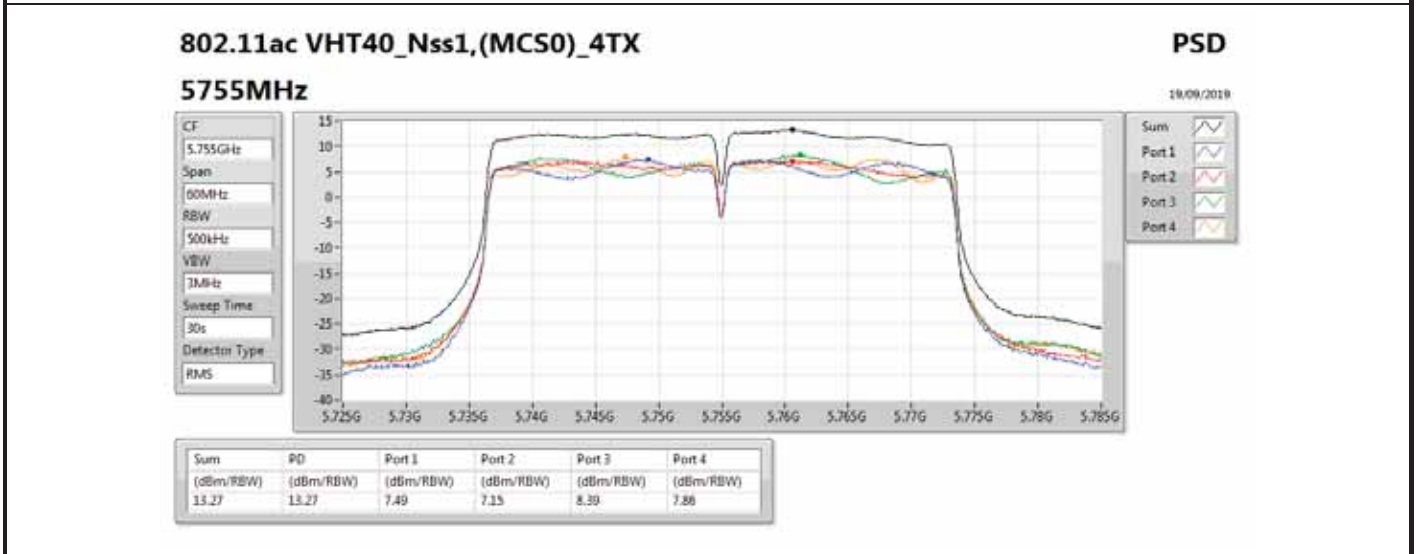
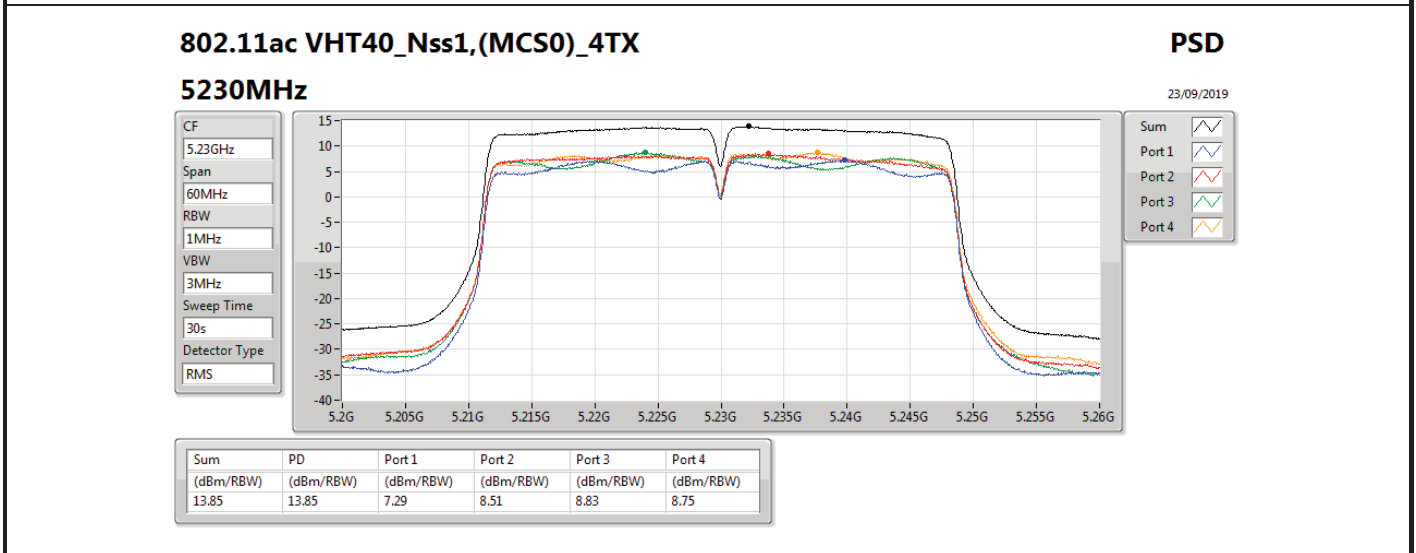
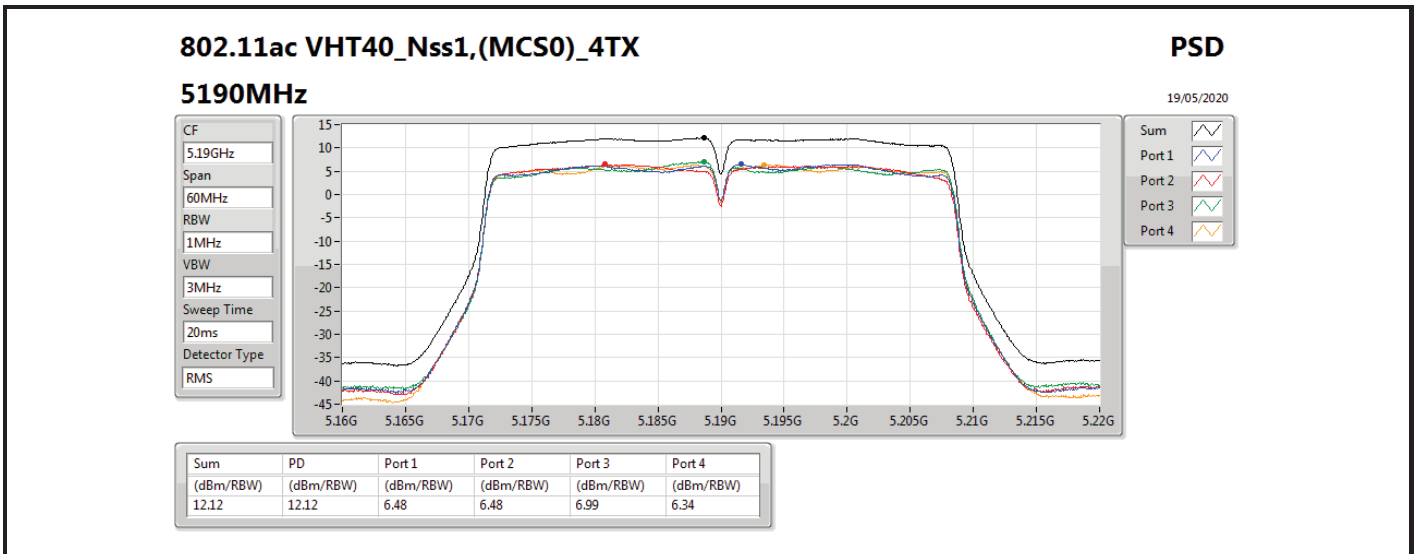


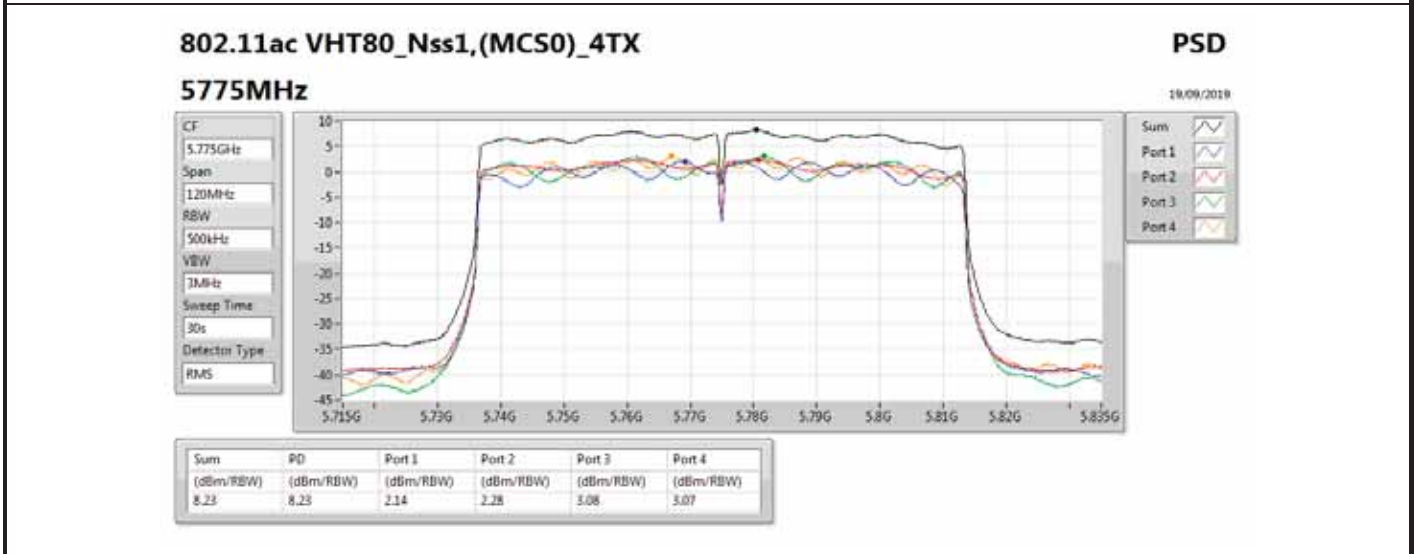
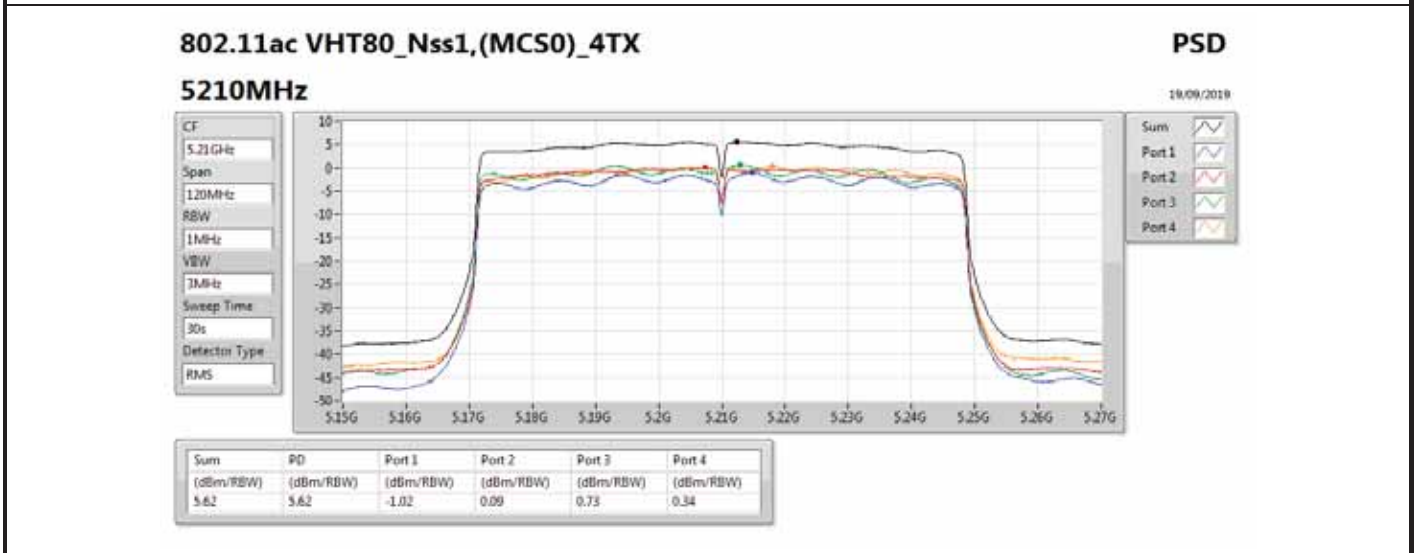
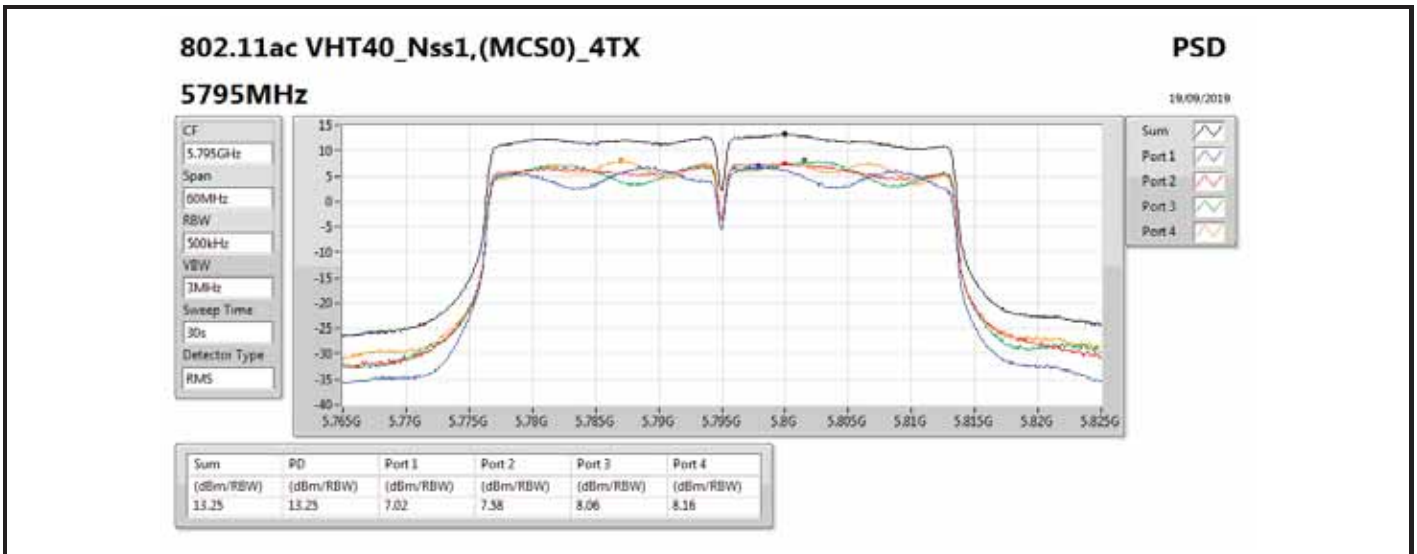


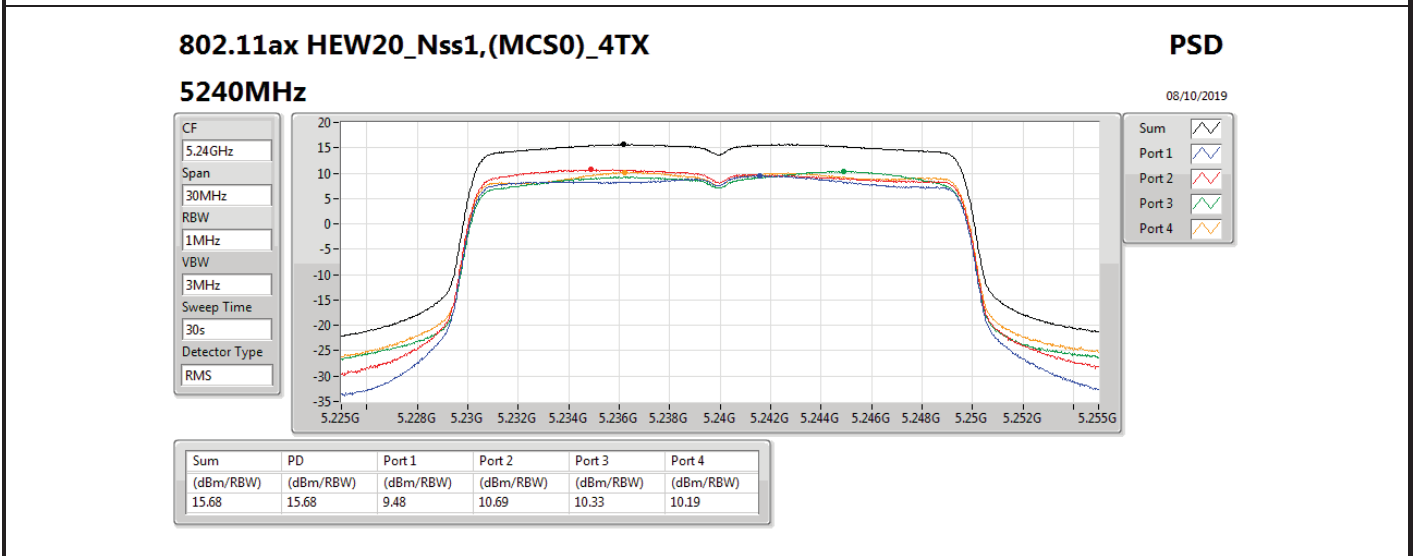
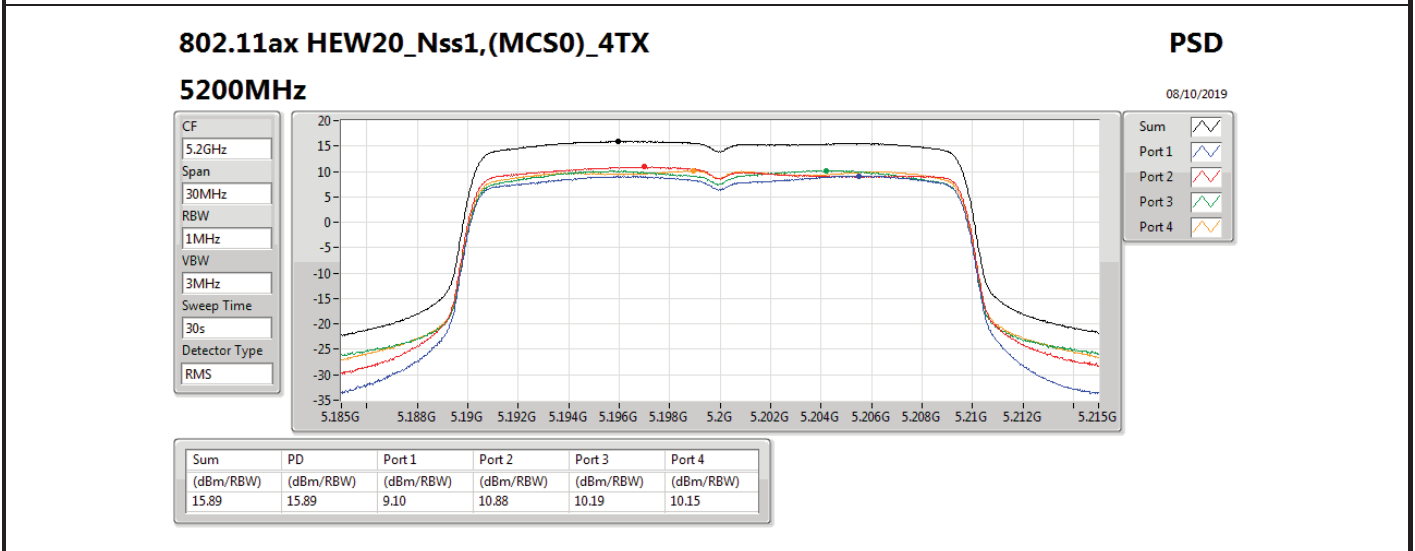
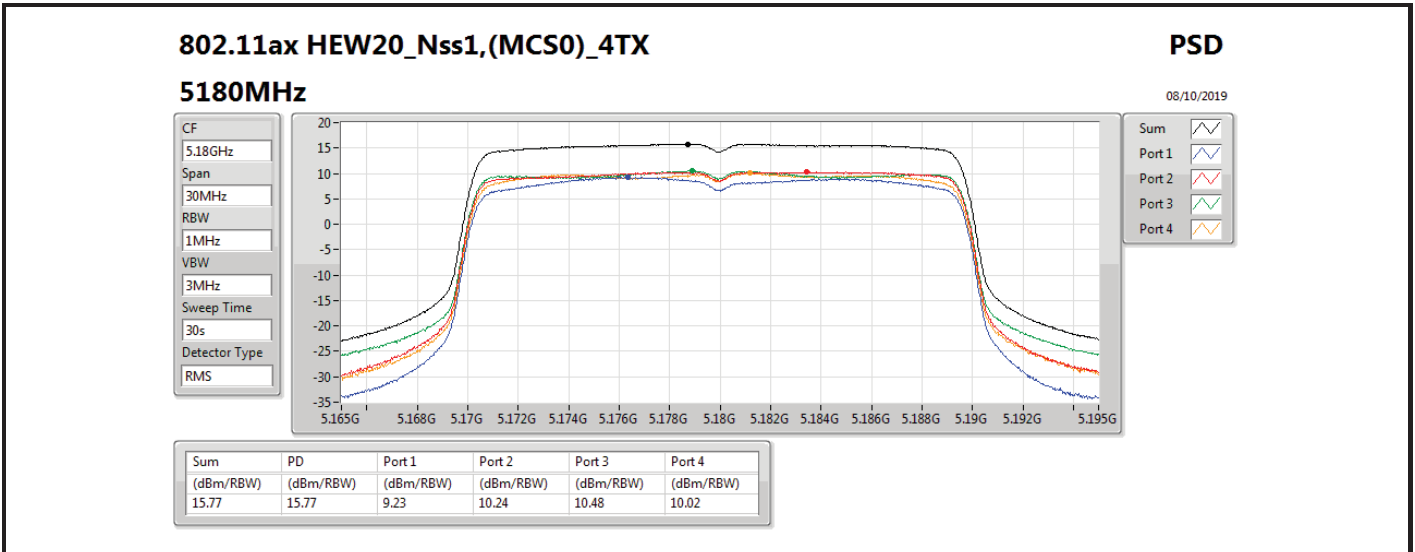


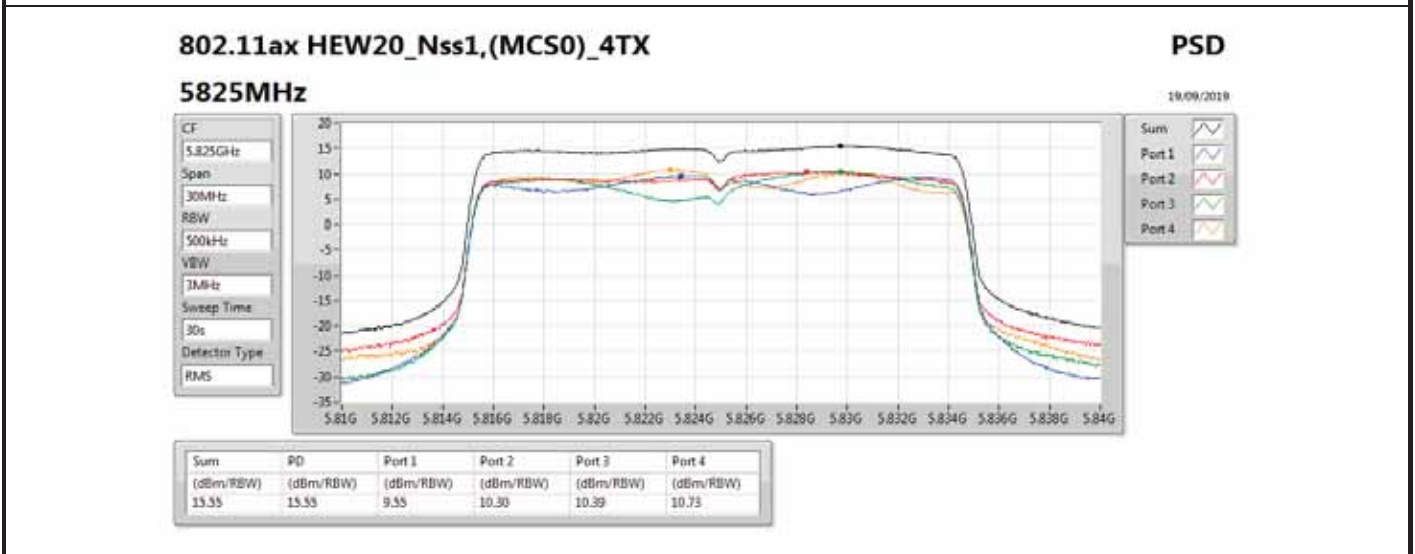
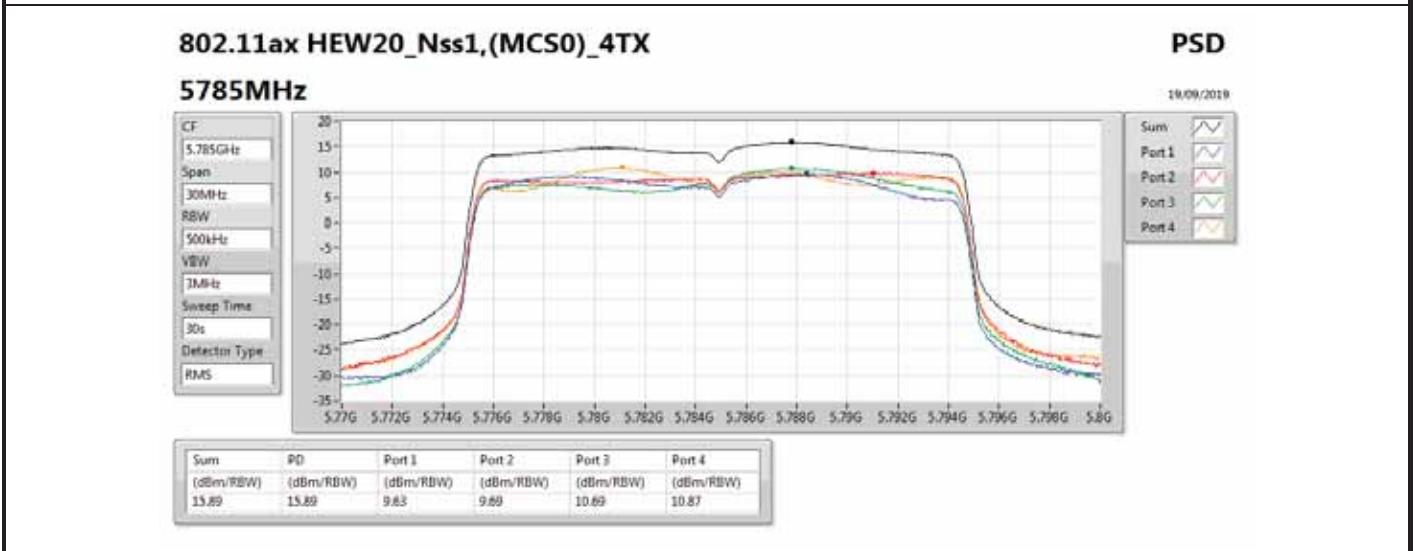
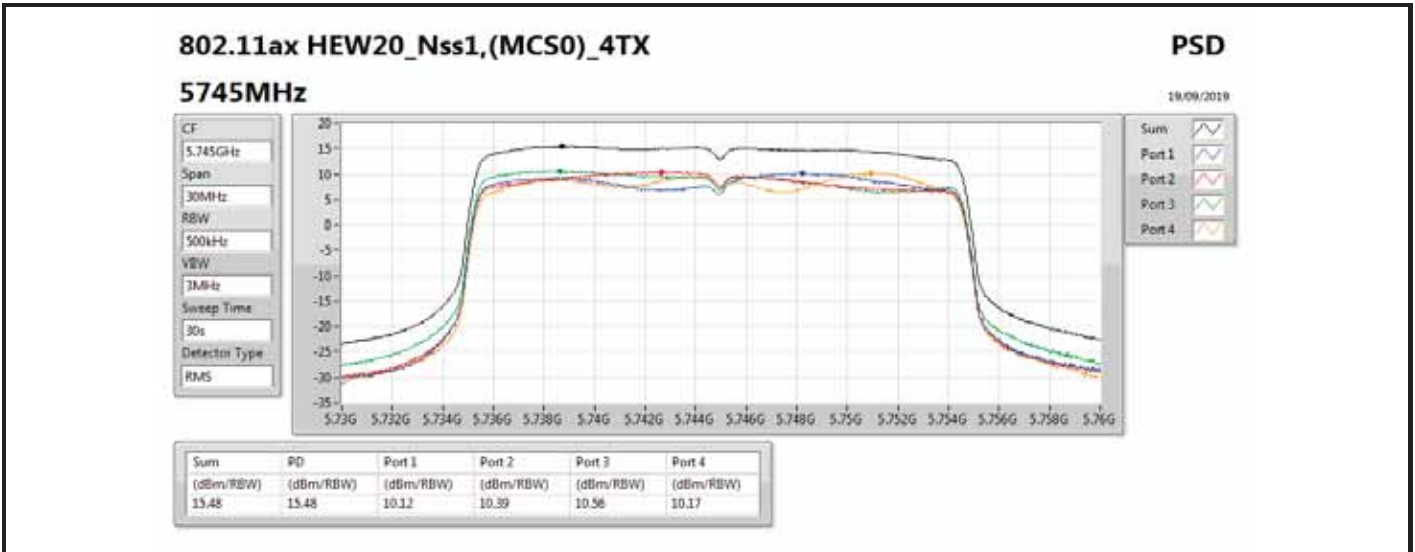




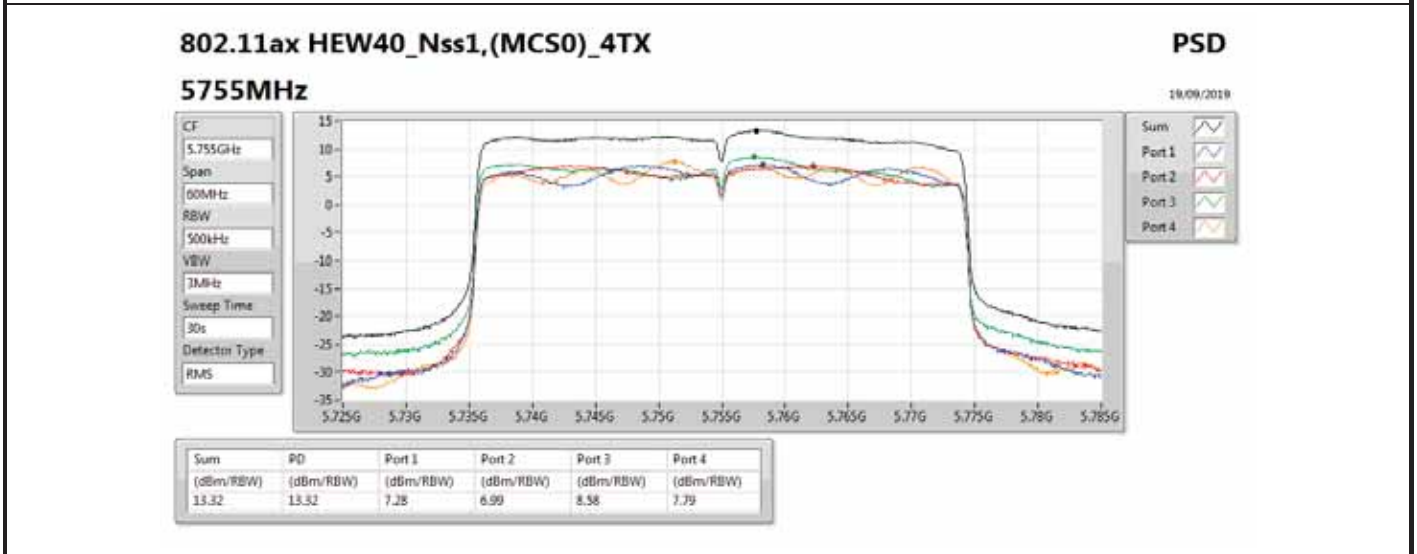
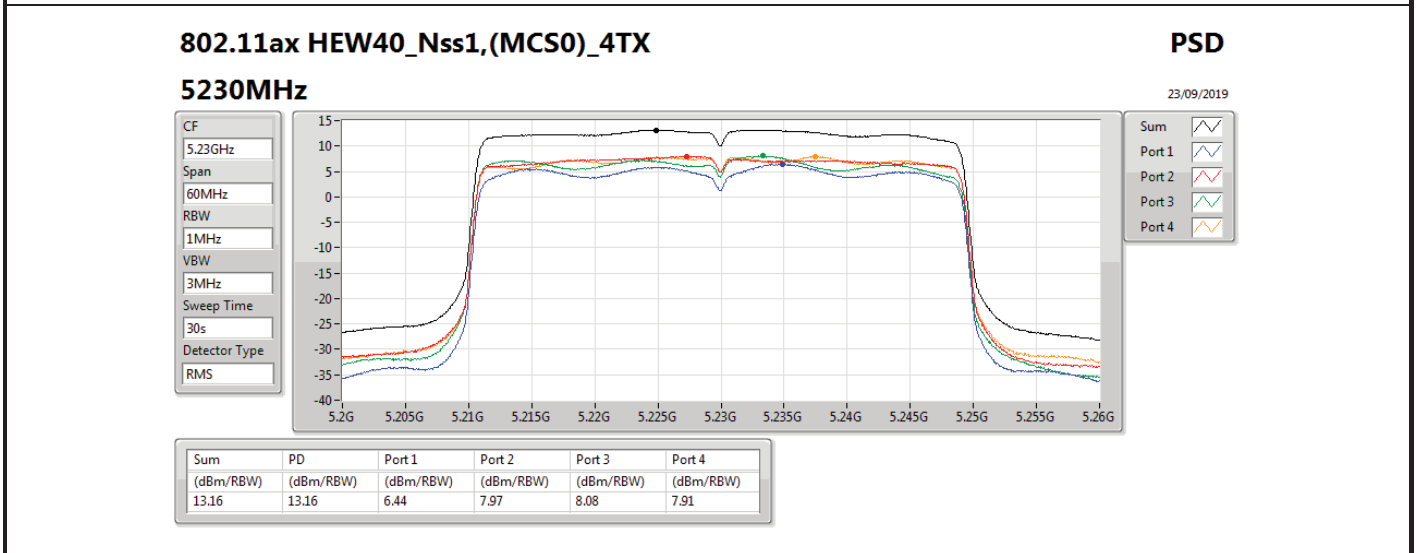
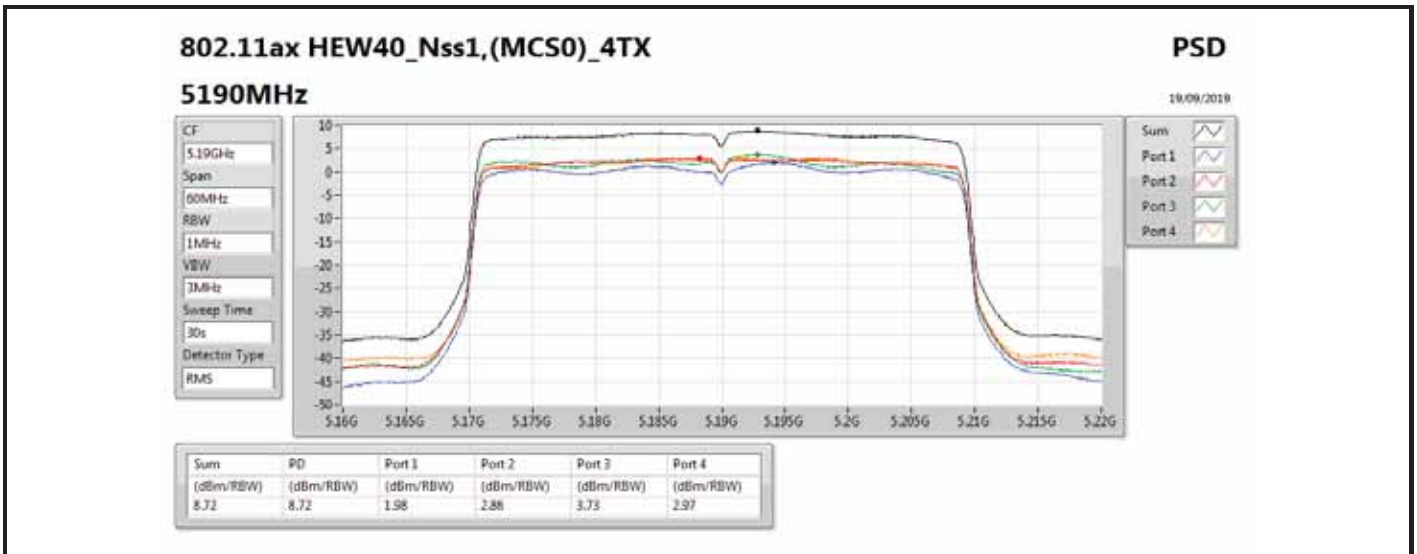


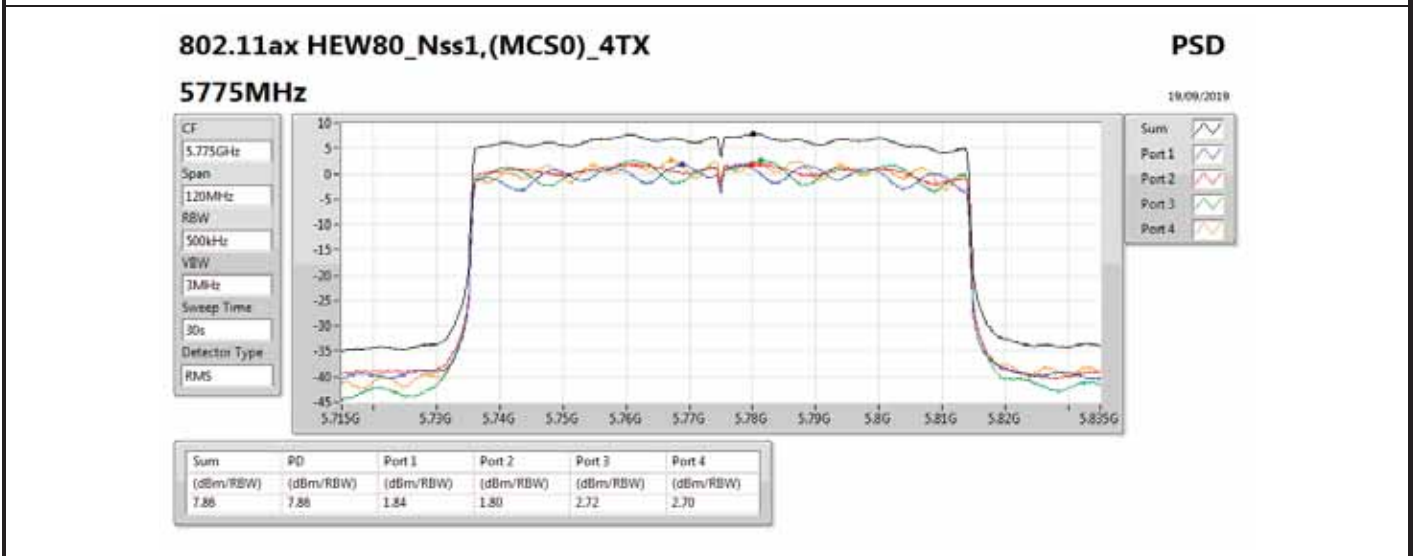
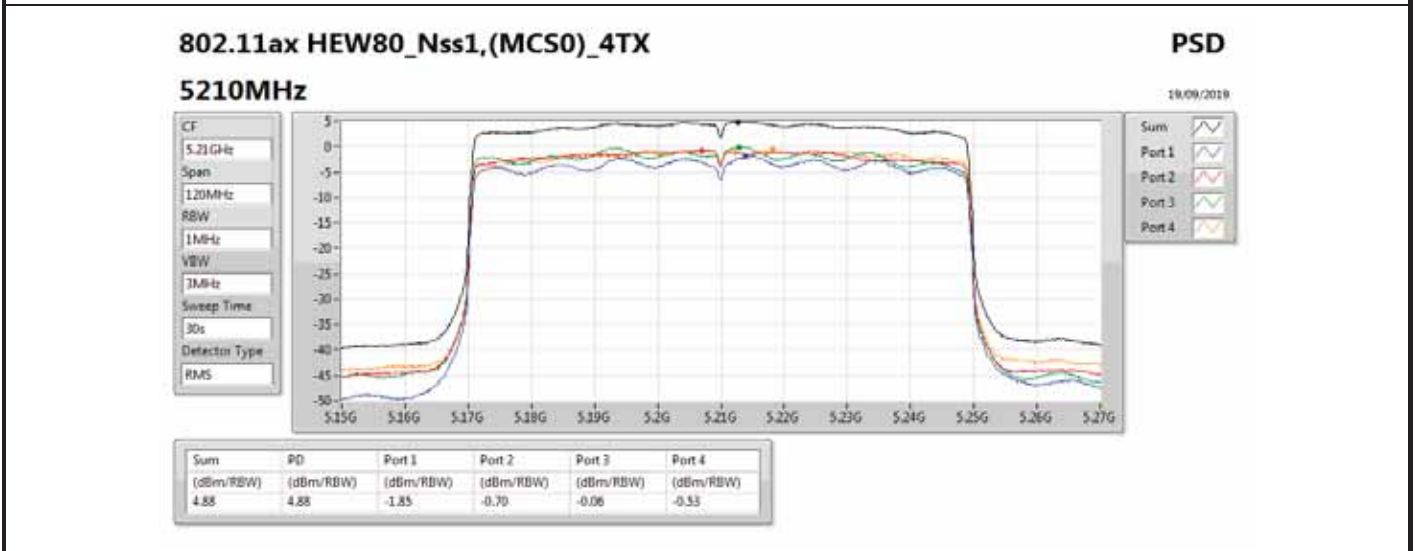
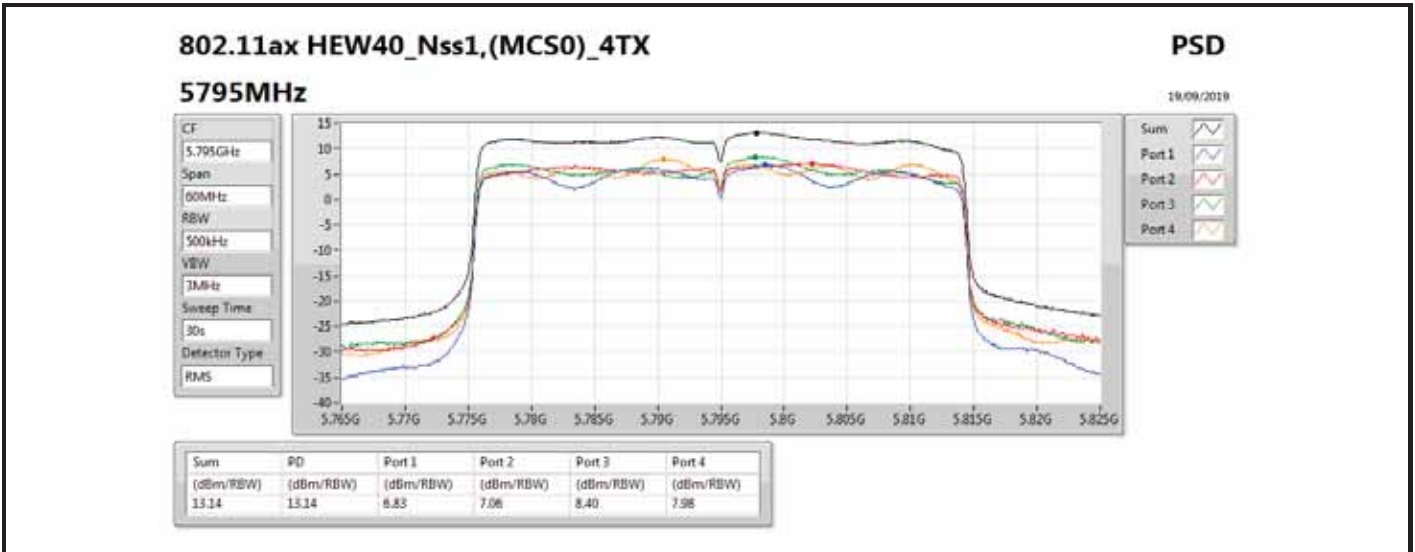














Summary

| Mode                              | PD<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) |
|-----------------------------------|-----------------|----------------------|
| 5.15-5.25GHz                      | -               | -                    |
| 802.11ac VHT20-BF_Nss1,(MCS0)_4TX | 14.74           | 21.64                |
| 802.11ac VHT40-BF_Nss1,(MCS0)_4TX | 11.57           | 18.47                |
| 802.11ac VHT80-BF_Nss1,(MCS0)_4TX | 4.52            | 11.42                |
| 802.11ax HEW20-BF_Nss1,(MCS0)_4TX | 15.08           | 21.98                |
| 802.11ax HEW40-BF_Nss1,(MCS0)_4TX | 11.56           | 18.46                |
| 802.11ax HEW80-BF_Nss1,(MCS0)_4TX | 4.78            | 11.68                |
| 5.725-5.85GHz                     | -               | -                    |
| 802.11ac VHT20-BF_Nss1,(MCS0)_4TX | 14.51           | 21.31                |
| 802.11ac VHT40-BF_Nss1,(MCS0)_4TX | 11.80           | 18.60                |
| 802.11ac VHT80-BF_Nss1,(MCS0)_4TX | 8.57            | 15.37                |
| 802.11ax HEW20-BF_Nss1,(MCS0)_4TX | 13.89           | 20.69                |
| 802.11ax HEW40-BF_Nss1,(MCS0)_4TX | 13.32           | 20.12                |
| 802.11ax HEW80-BF_Nss1,(MCS0)_4TX | 9.13            | 15.93                |

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

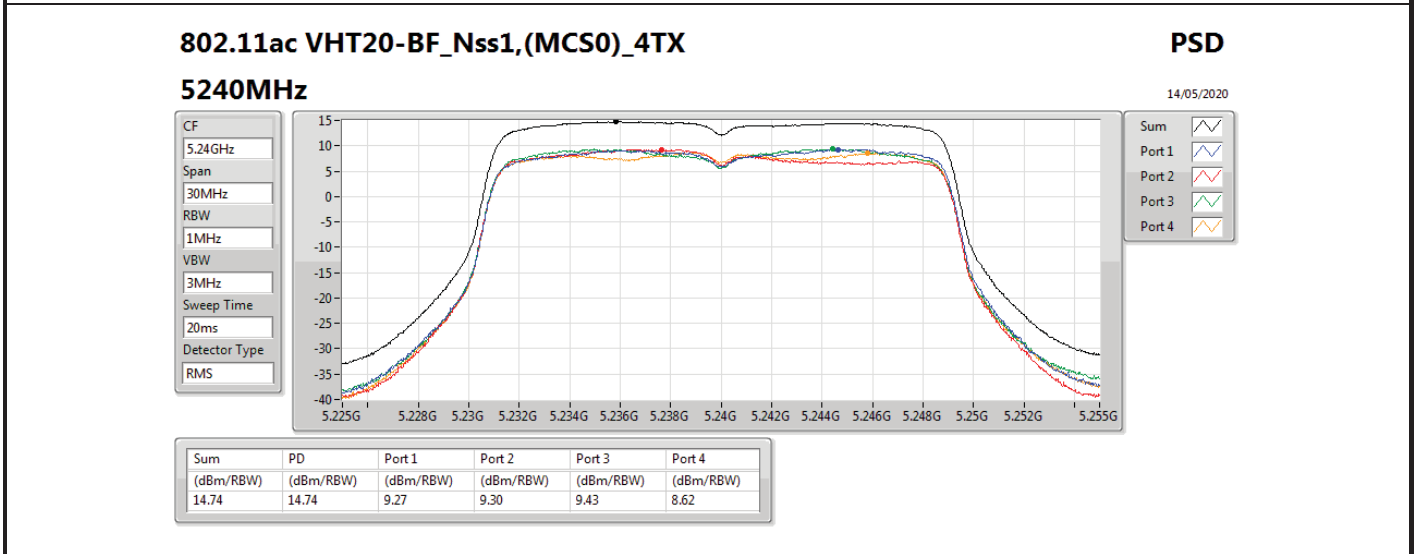
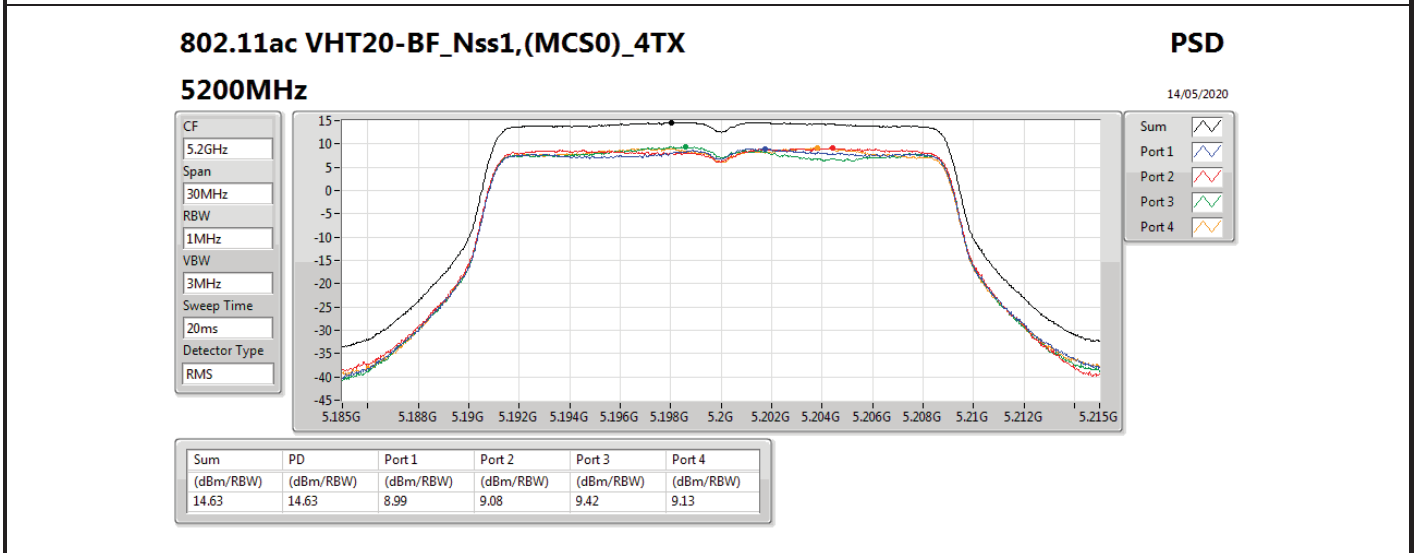
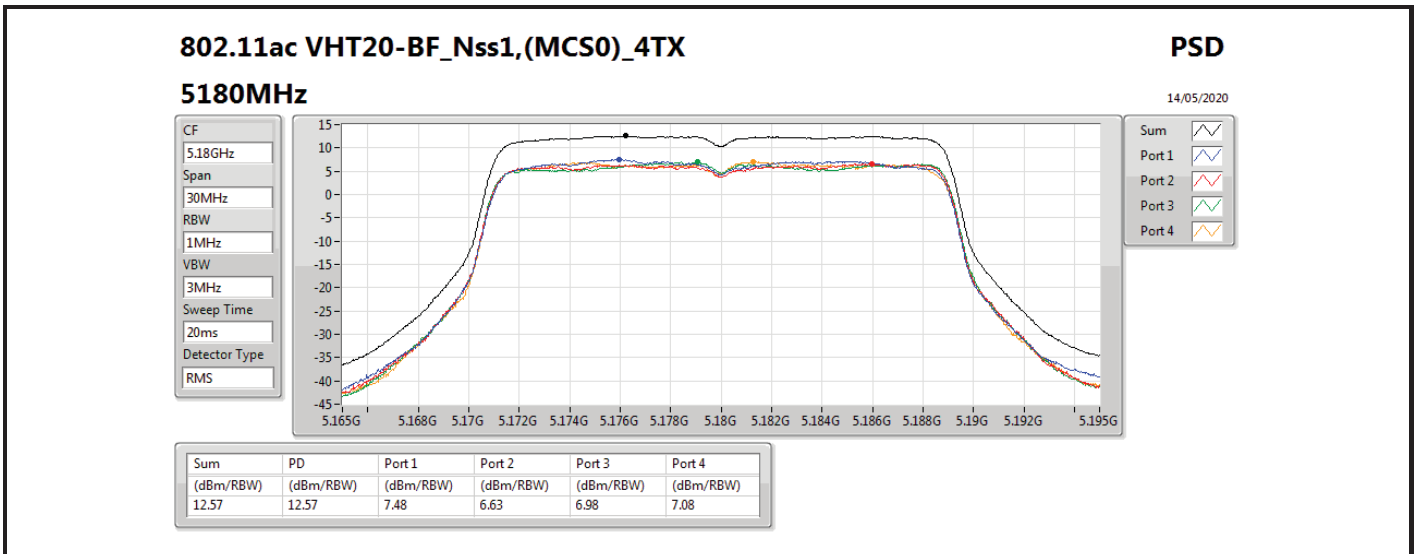


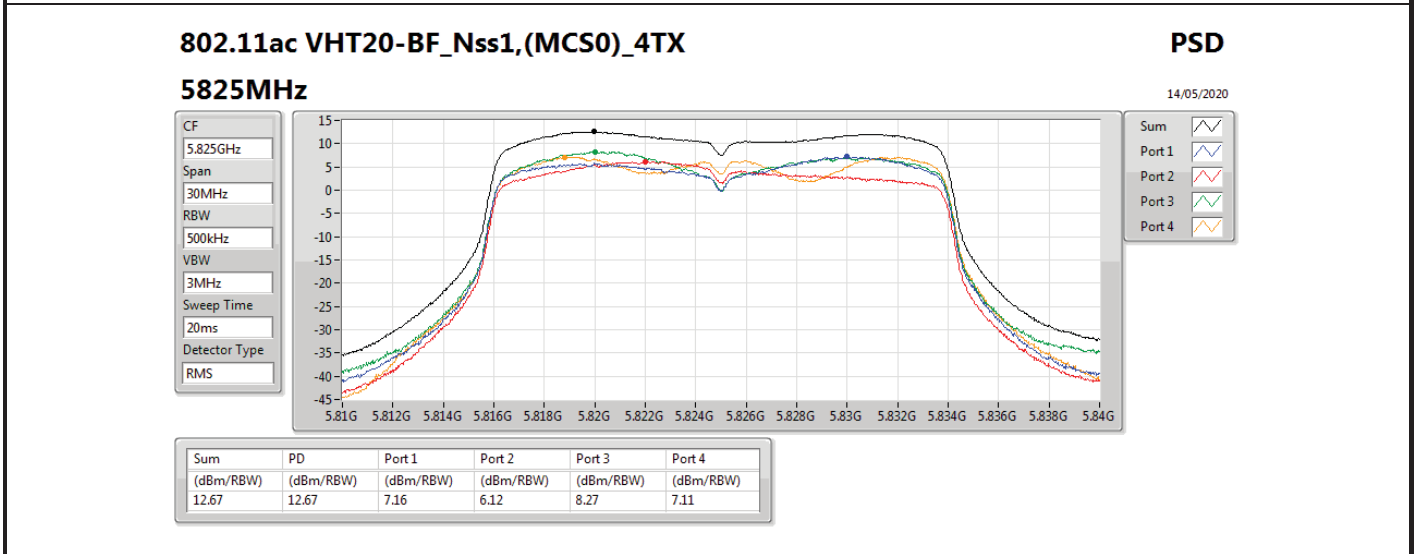
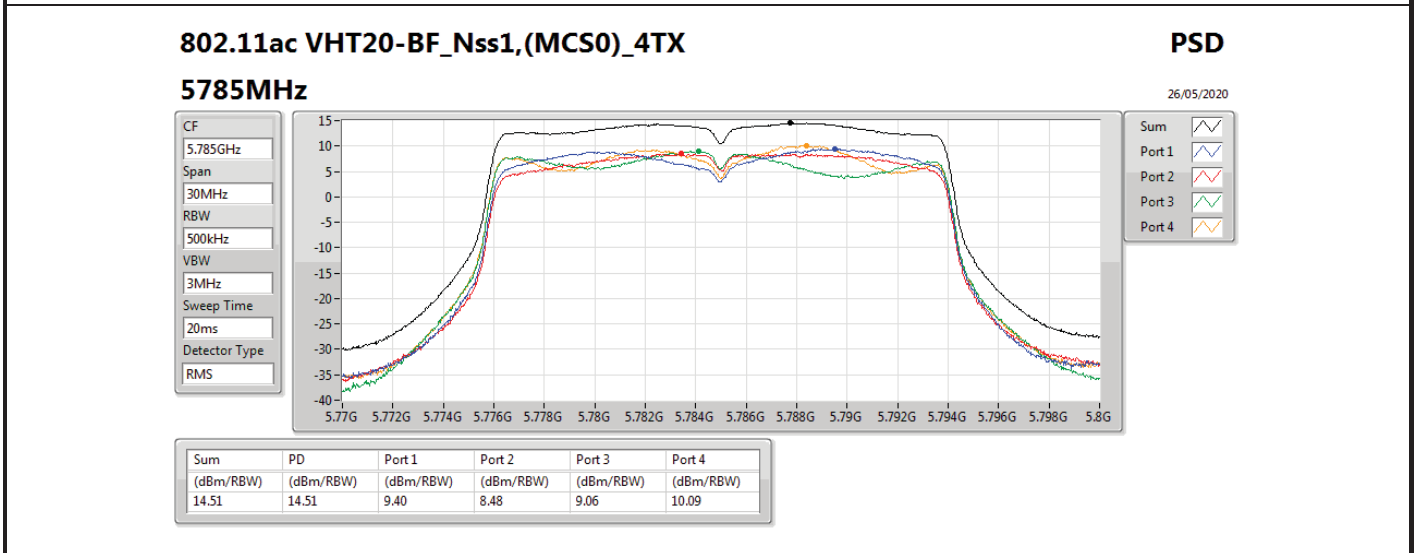
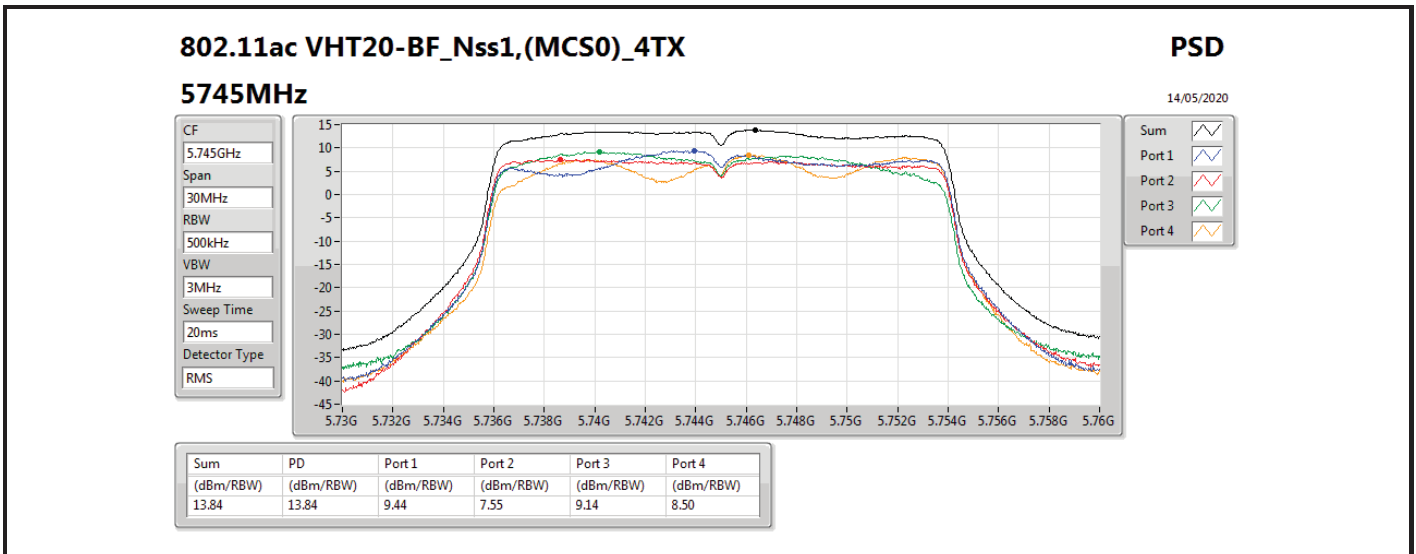
Result

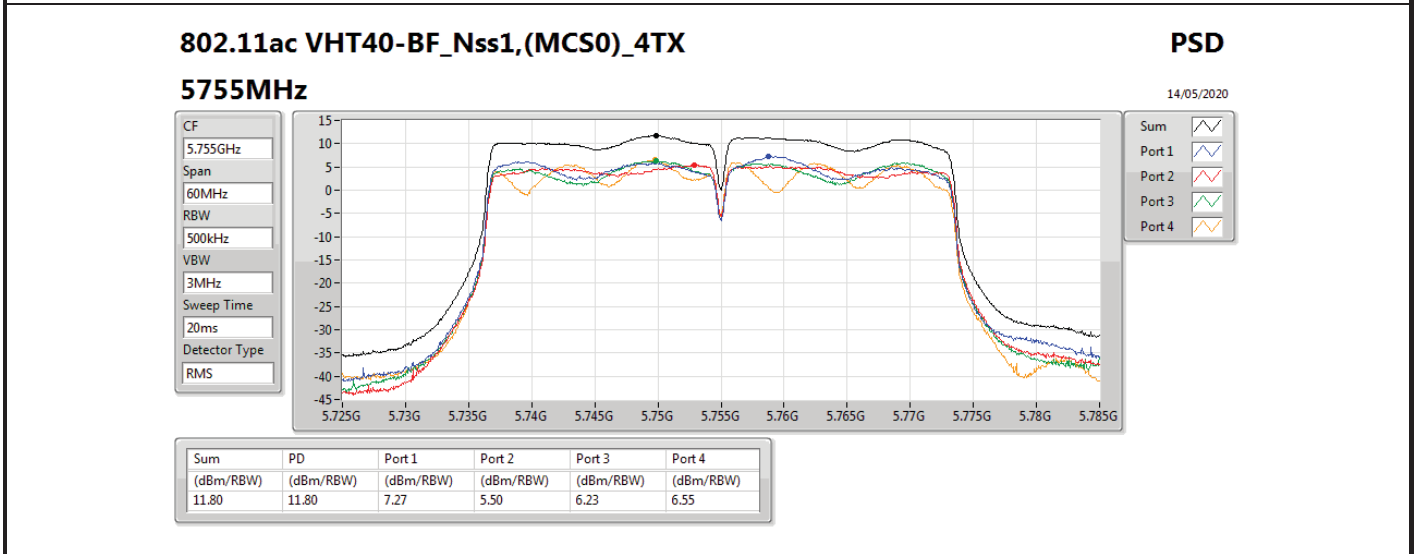
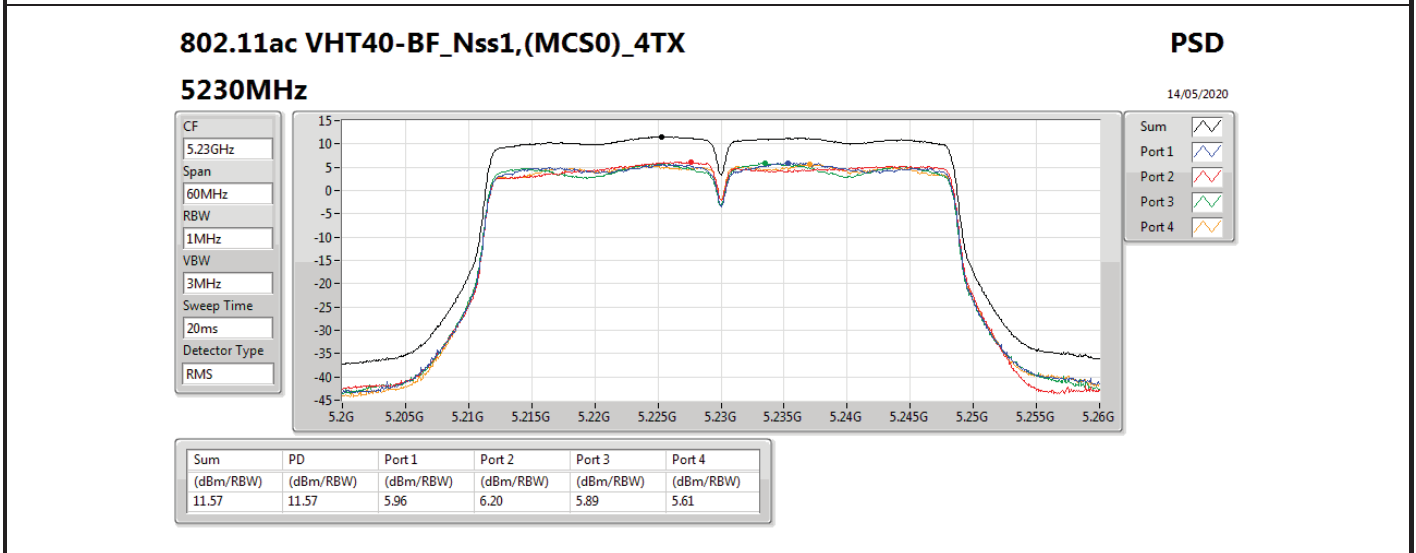
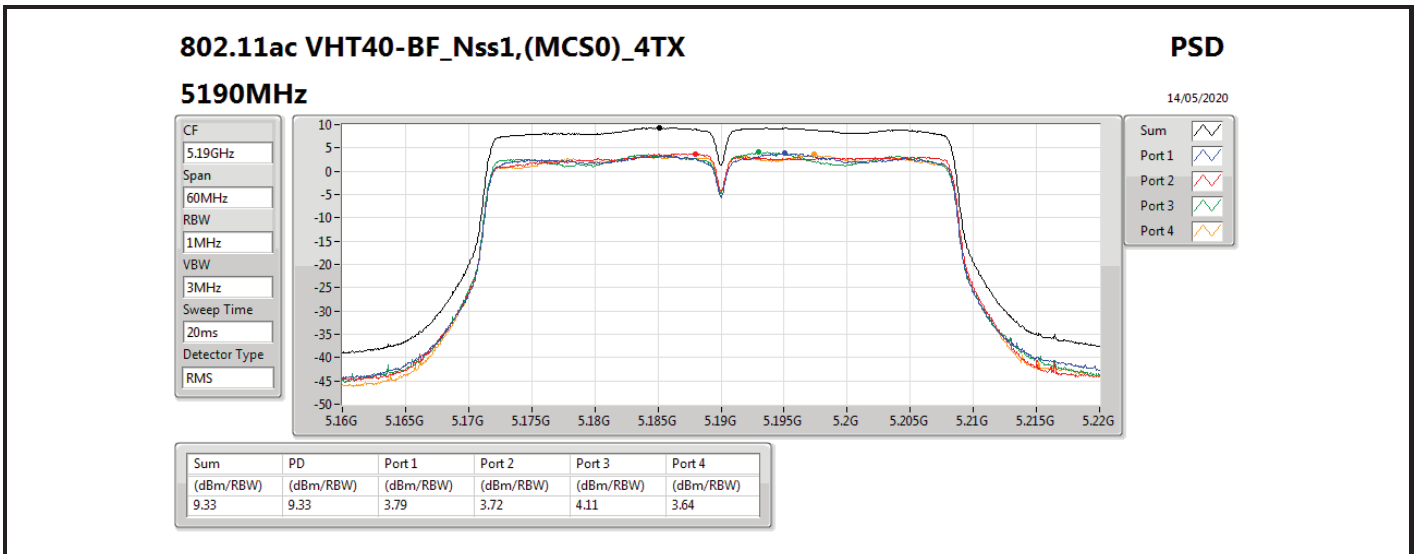
| Mode                              | Result | DG<br>(dBi) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) | Port 3<br>(dBm/RBW) | Port 4<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) | EIRP PD Limit<br>(dBm/RBW) |
|-----------------------------------|--------|-------------|---------------------|---------------------|---------------------|---------------------|-----------------|-----------------------|----------------------|----------------------------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_4TX | -      | -           | -                   | -                   | -                   | -                   | -               | -                     | -                    | -                          |
| 5180MHz                           | Pass   | 6.90        | 7.48                | 6.63                | 6.98                | 7.08                | 12.57           | 16.10                 | 19.47                | 23.00                      |
| 5200MHz                           | Pass   | 6.90        | 8.99                | 9.08                | 9.42                | 9.13                | 14.63           | 16.10                 | 21.53                | 23.00                      |
| 5240MHz                           | Pass   | 6.90        | 9.27                | 9.30                | 9.43                | 8.62                | 14.74           | 16.10                 | 21.64                | 23.00                      |
| 5745MHz                           | Pass   | 6.80        | 9.44                | 7.55                | 9.14                | 8.50                | 13.84           | 29.20                 | 20.64                | 36.00                      |
| 5785MHz                           | Pass   | 6.80        | 9.40                | 8.48                | 9.06                | 10.09               | 14.51           | 29.20                 | 21.31                | 36.00                      |
| 5825MHz                           | Pass   | 6.80        | 7.16                | 6.12                | 8.27                | 7.11                | 12.67           | 29.20                 | 19.47                | 36.00                      |
| 802.11ac VHT40-BF_Nss1,(MCS0)_4TX | -      | -           | -                   | -                   | -                   | -                   | -               | -                     | -                    | -                          |
| 5190MHz                           | Pass   | 6.90        | 3.79                | 3.72                | 4.11                | 3.64                | 9.33            | 16.10                 | 16.23                | 23.00                      |
| 5230MHz                           | Pass   | 6.90        | 5.96                | 6.20                | 5.89                | 5.61                | 11.57           | 16.10                 | 18.47                | 23.00                      |
| 5755MHz                           | Pass   | 6.80        | 7.27                | 5.50                | 6.23                | 6.55                | 11.80           | 29.20                 | 18.60                | 36.00                      |
| 5795MHz                           | Pass   | 6.80        | 5.63                | 4.72                | 5.79                | 5.92                | 10.93           | 29.20                 | 17.73                | 36.00                      |
| 802.11ac VHT80-BF_Nss1,(MCS0)_4TX | -      | -           | -                   | -                   | -                   | -                   | -               | -                     | -                    | -                          |
| 5210MHz                           | Pass   | 6.90        | -1.02               | -1.03               | -0.98               | -1.48               | 4.52            | 16.10                 | 11.42                | 23.00                      |
| 5775MHz                           | Pass   | 6.80        | 3.37                | 2.91                | 3.83                | 3.81                | 8.57            | 29.20                 | 15.37                | 36.00                      |
| 802.11ax HEW20-BF_Nss1,(MCS0)_4TX | -      | -           | -                   | -                   | -                   | -                   | -               | -                     | -                    | -                          |
| 5180MHz                           | Pass   | 6.90        | 7.25                | 7.55                | 8.18                | 7.06                | 13.33           | 16.10                 | 20.23                | 23.00                      |
| 5200MHz                           | Pass   | 6.90        | 8.81                | 9.57                | 9.46                | 8.94                | 15.08           | 16.10                 | 21.98                | 23.00                      |
| 5240MHz                           | Pass   | 6.90        | 9.42                | 9.79                | 9.22                | 8.73                | 15.07           | 16.10                 | 21.97                | 23.00                      |
| 5745MHz                           | Pass   | 6.80        | 6.59                | 8.65                | 8.96                | 8.03                | 13.76           | 29.20                 | 20.56                | 36.00                      |
| 5785MHz                           | Pass   | 6.80        | 7.32                | 8.00                | 9.67                | 8.92                | 13.89           | 29.20                 | 20.69                | 36.00                      |
| 5825MHz                           | Pass   | 6.80        | 6.34                | 6.24                | 7.91                | 7.89                | 12.91           | 29.20                 | 19.71                | 36.00                      |
| 802.11ax HEW40-BF_Nss1,(MCS0)_4TX | -      | -           | -                   | -                   | -                   | -                   | -               | -                     | -                    | -                          |
| 5190MHz                           | Pass   | 6.90        | 3.17                | 5.62                | 4.40                | 3.57                | 9.50            | 16.10                 | 16.40                | 23.00                      |
| 5230MHz                           | Pass   | 6.90        | 5.58                | 6.66                | 5.89                | 5.54                | 11.56           | 16.10                 | 18.46                | 23.00                      |
| 5755MHz                           | Pass   | 6.80        | 11.97               | 5.65                | 6.09                | 9.08                | 13.32           | 29.20                 | 20.12                | 36.00                      |
| 5795MHz                           | Pass   | 6.80        | 4.97                | 4.10                | 5.44                | 6.25                | 10.89           | 29.20                 | 17.69                | 36.00                      |
| 802.11ax HEW80-BF_Nss1,(MCS0)_4TX | -      | -           | -                   | -                   | -                   | -                   | -               | -                     | -                    | -                          |
| 5210MHz                           | Pass   | 6.90        | -1.21               | -0.36               | -0.12               | -1.34               | 4.78            | 16.10                 | 11.68                | 23.00                      |
| 5775MHz                           | Pass   | 6.80        | 4.64                | 3.48                | 3.31                | 4.63                | 9.13            | 29.20                 | 15.93                | 36.00                      |

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

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







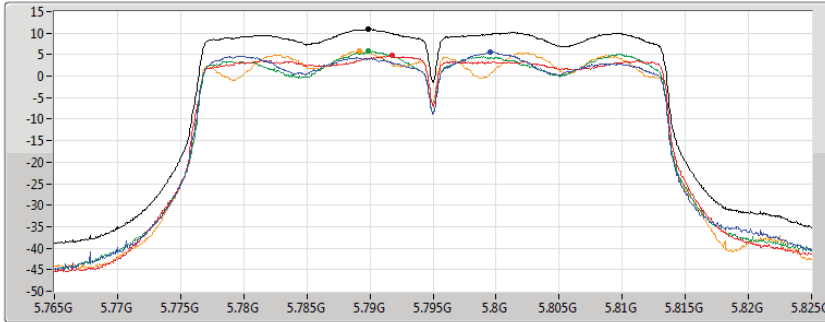
802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

PSD

5795MHz

14/05/2020

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



Sum  
Port 1  
Port 2  
Port 3  
Port 4

| Sum       | PD        | Port 1    | Port 2    | Port 3    | Port 4    |
|-----------|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 10.93     | 10.93     | 5.63      | 4.72      | 5.79      | 5.92      |

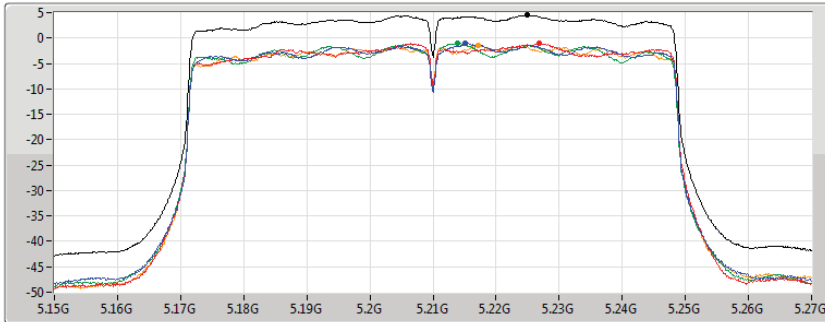
802.11ac VHT80-BF\_Nss1,(MCS0)\_4TX

PSD

5210MHz

14/05/2020

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



Sum  
Port 1  
Port 2  
Port 3  
Port 4

| Sum       | PD        | Port 1    | Port 2    | Port 3    | Port 4    |
|-----------|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 4.52      | 4.52      | -1.02     | -1.03     | -0.98     | -1.48     |

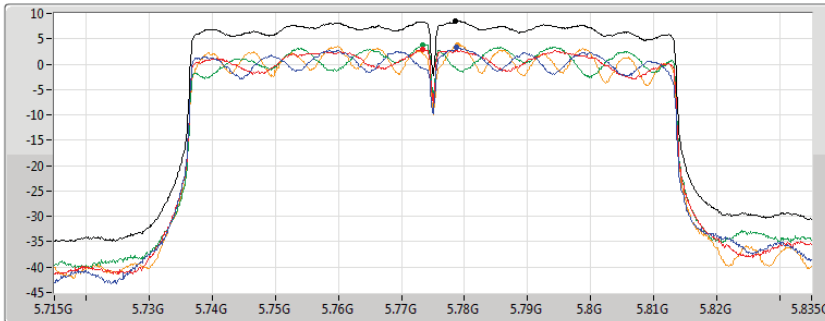
802.11ac VHT80-BF\_Nss1,(MCS0)\_4TX

PSD

5775MHz

14/05/2020

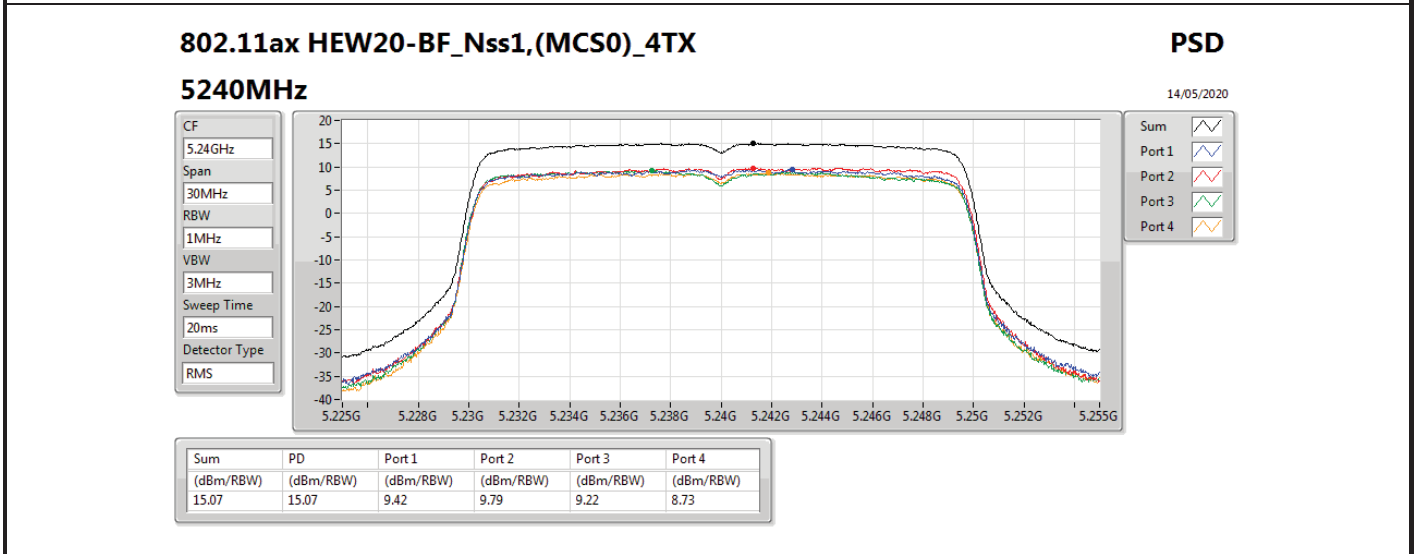
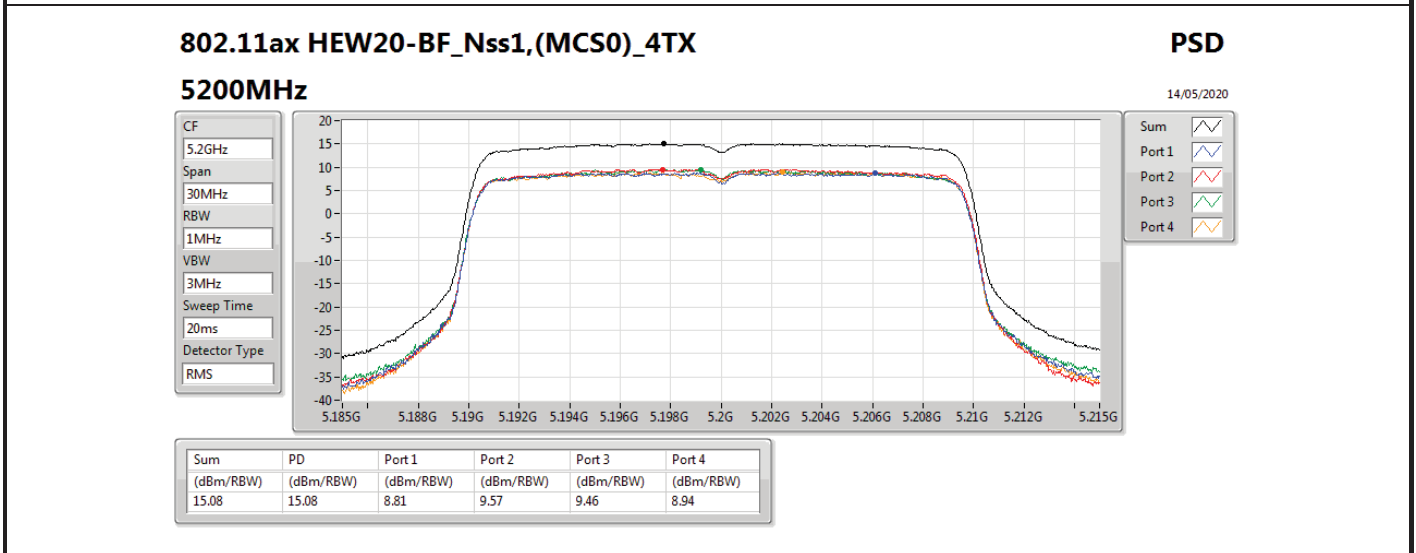
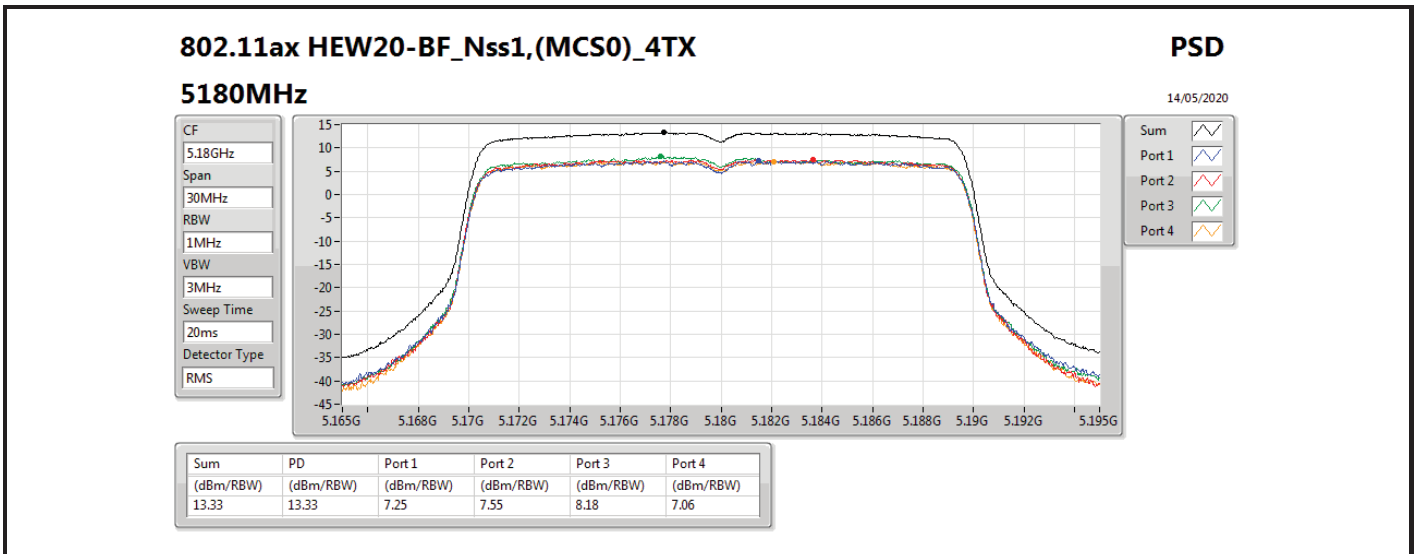
CF  
5.775GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS

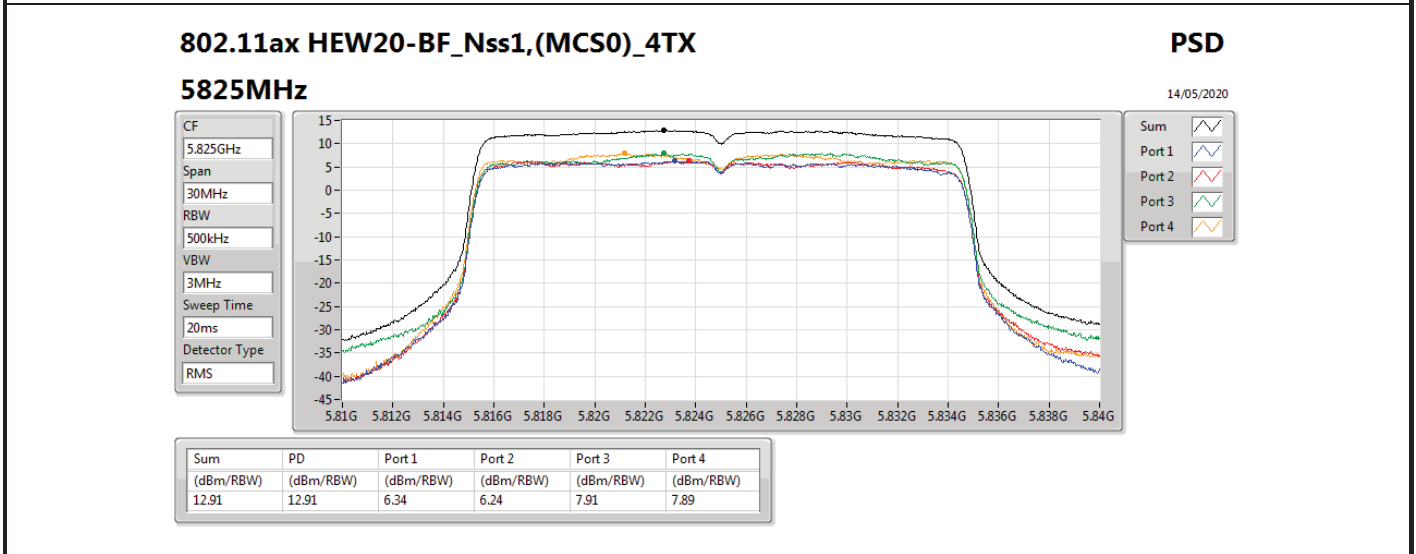
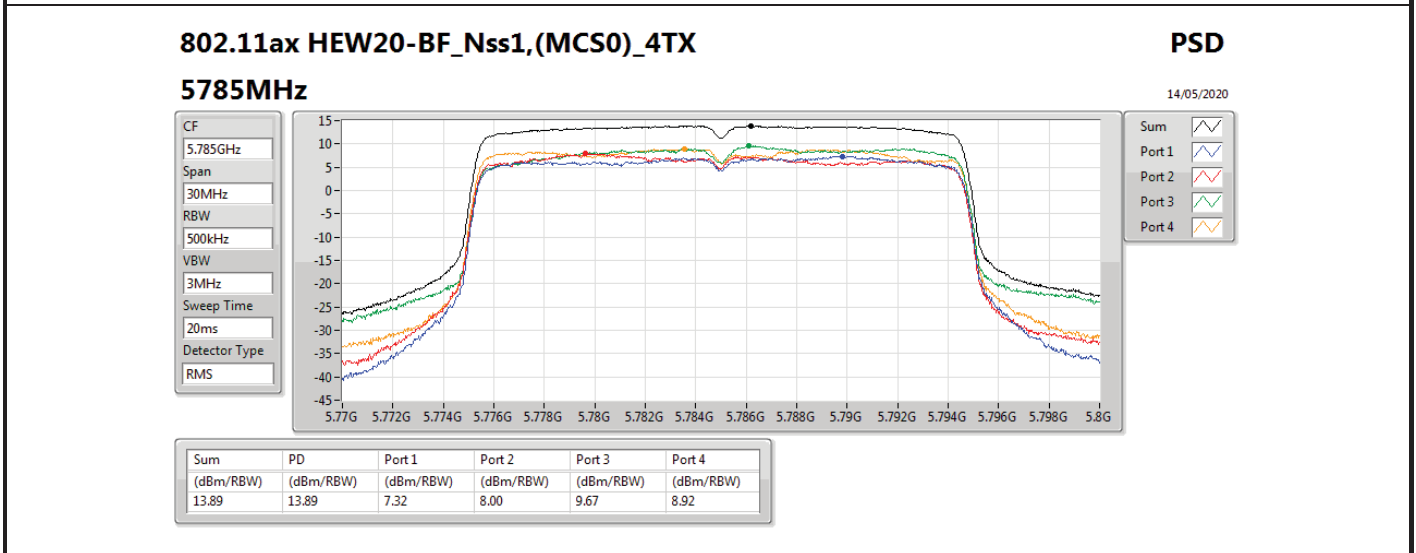
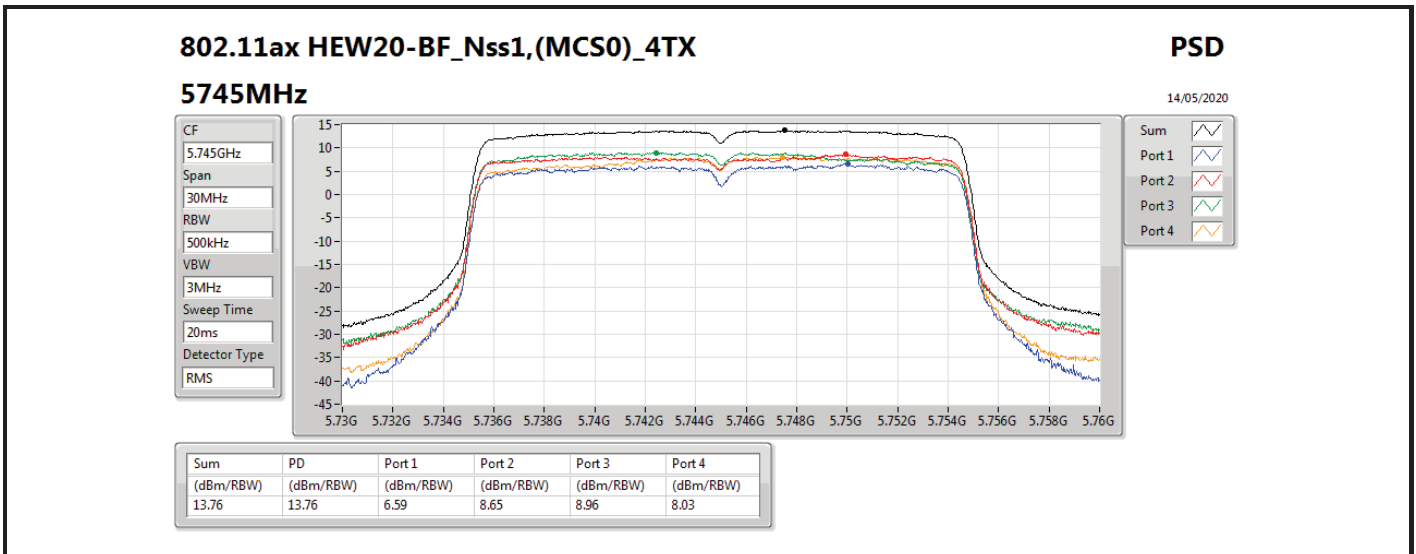


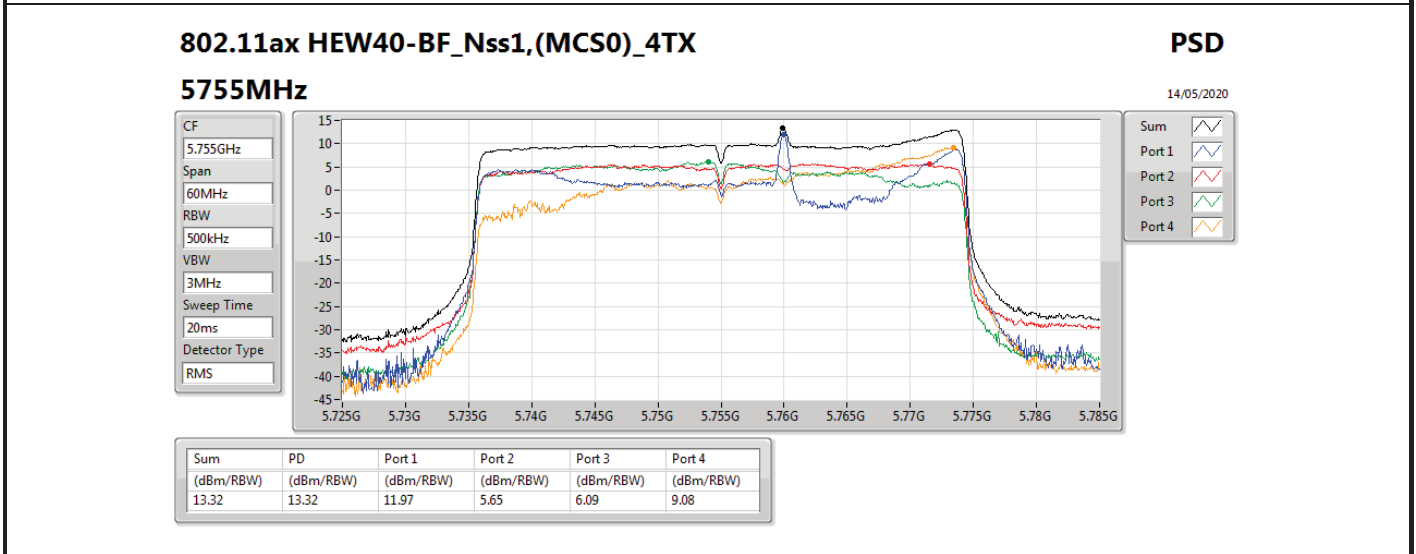
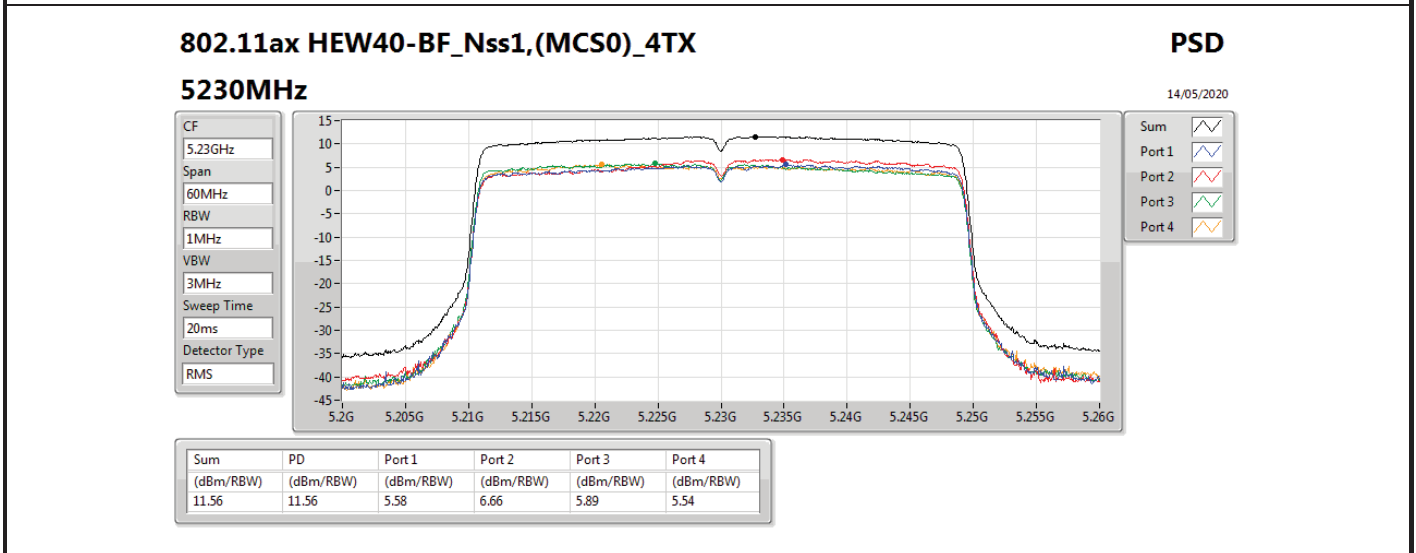
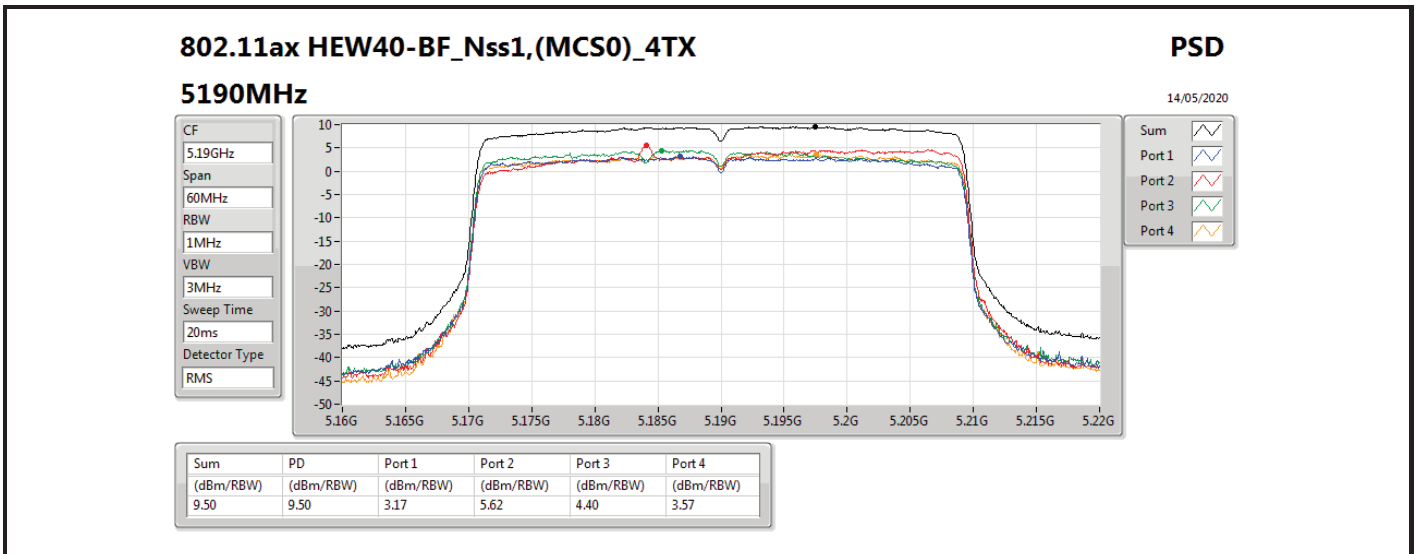
Sum  
Port 1  
Port 2  
Port 3  
Port 4

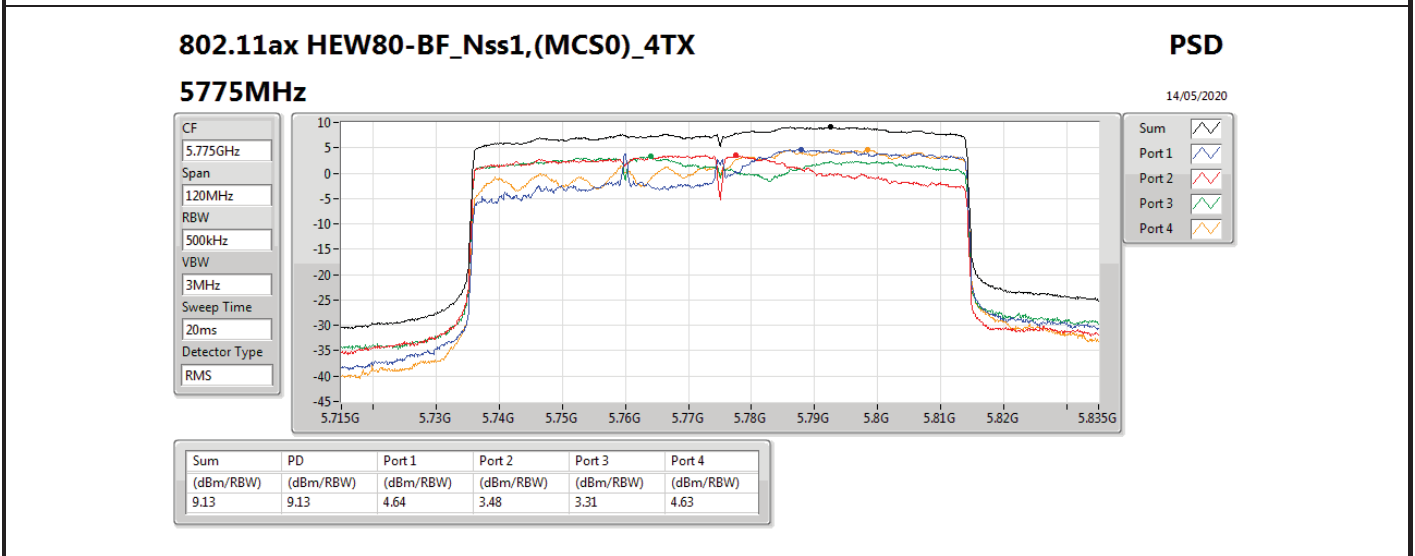
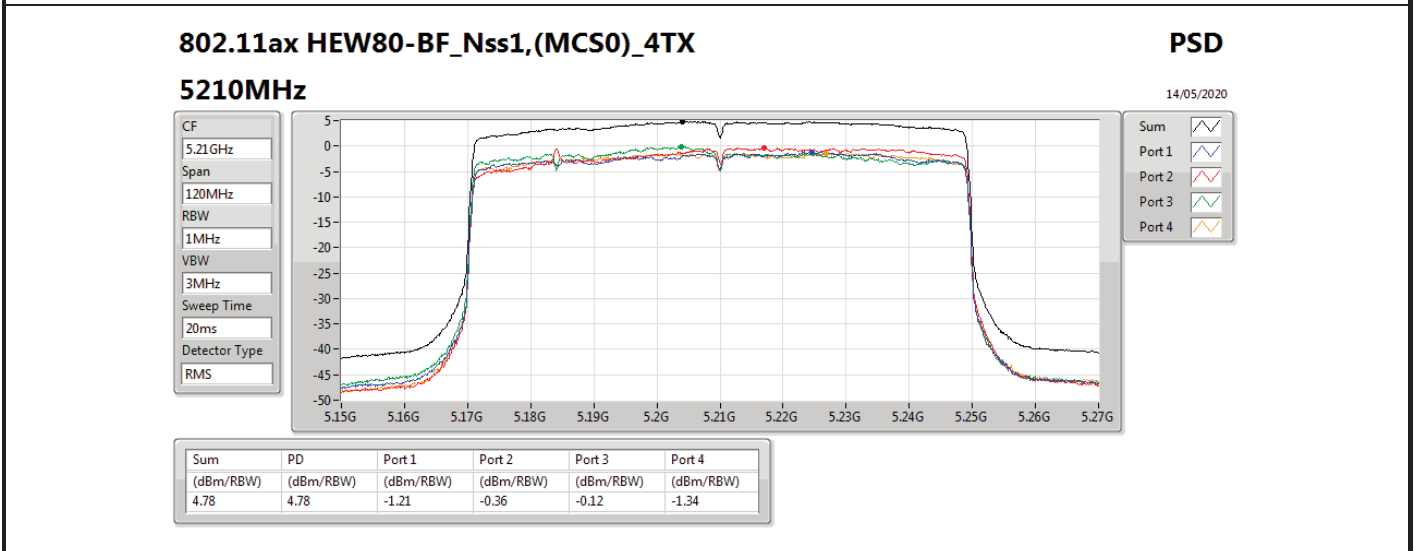
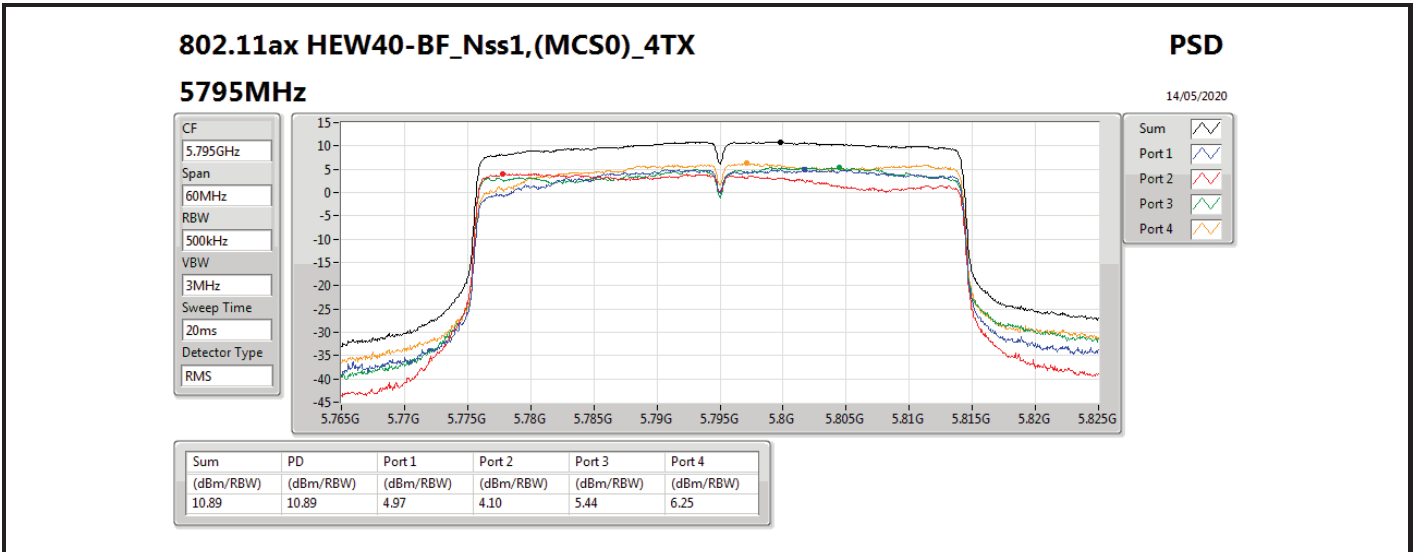
| Sum       | PD        | Port 1    | Port 2    | Port 3    | Port 4    |
|-----------|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 8.57      | 8.57      | 3.37      | 2.91      | 3.83      | 3.81      |













Summary

| Mode                           | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|----------|
| 5.725-5.85GHz                  | -      | -    | -            | -                 | -                 | -              | -           | -          | -              | -             | -        |
| 802.11ax HEW80_Nss1,(MCS0)_4TX | Pass   | PK   | 274.44M      | 42.50             | 46.00             | -3.50          | 3           | Horizontal | 0              | 1.00          | -        |



Result

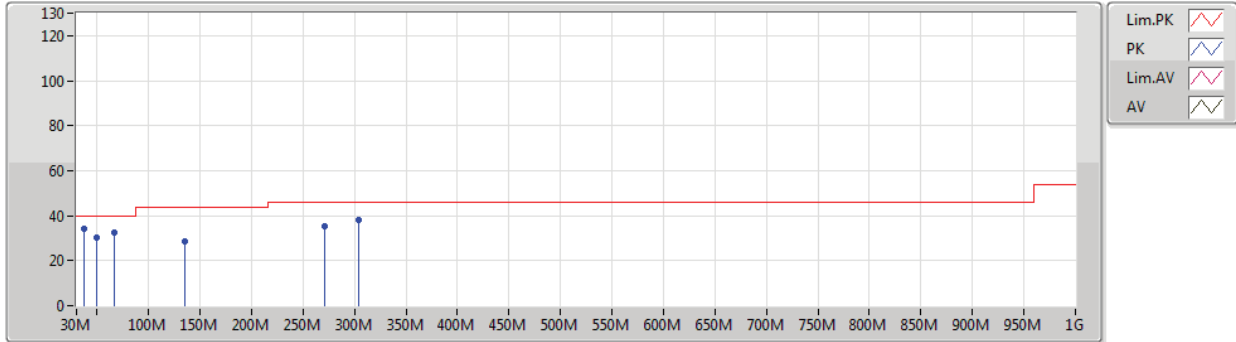
| Mode                           | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comments |
|--------------------------------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|----------|
| 802.11ax HEW80_Nss1,(MCS0)_4TX | -      | -    | -         | -              | -              | -           | -        | -          | -           | -          | -        |
| 5775MHz                        | Pass   | PK   | 37.76M    | 34.33          | 40.00          | -5.67       | 3        | Vertical   | 360         | 1.00       | -        |
| 5775MHz                        | Pass   | PK   | 49.4M     | 30.43          | 40.00          | -9.57       | 3        | Vertical   | 360         | 1.00       | -        |
| 5775MHz                        | Pass   | PK   | 66.86M    | 32.75          | 40.00          | -7.25       | 3        | Vertical   | 360         | 1.00       | -        |
| 5775MHz                        | Pass   | PK   | 134.76M   | 28.30          | 43.50          | -15.20      | 3        | Vertical   | 360         | 1.00       | -        |
| 5775MHz                        | Pass   | PK   | 270.56M   | 35.34          | 46.00          | -10.66      | 3        | Vertical   | 360         | 1.00       | -        |
| 5775MHz                        | Pass   | PK   | 303.54M   | 38.07          | 46.00          | -7.93       | 3        | Vertical   | 360         | 1.00       | -        |
| 5775MHz                        | Pass   | PK   | 64.92M    | 28.73          | 40.00          | -11.27      | 3        | Horizontal | 0           | 1.00       | -        |
| 5775MHz                        | Pass   | PK   | 103.72M   | 29.96          | 43.50          | -13.54      | 3        | Horizontal | 0           | 1.00       | -        |
| 5775MHz                        | Pass   | PK   | 140.58M   | 26.56          | 43.50          | -16.94      | 3        | Horizontal | 0           | 1.00       | -        |
| 5775MHz                        | Pass   | PK   | 229.82M   | 32.68          | 46.00          | -13.32      | 3        | Horizontal | 0           | 1.00       | -        |
| 5775MHz                        | Pass   | PK   | 274.44M   | 42.50          | 46.00          | -3.50       | 3        | Horizontal | 0           | 1.00       | -        |
| 5775MHz                        | Pass   | PK   | 299.66M   | 37.04          | 46.00          | -8.96       | 3        | Horizontal | 0           | 1.00       | -        |



802.11ax HEW80\_Nss1,(MCS0)\_4TX

21/05/2020

5775MHz\_Adapter



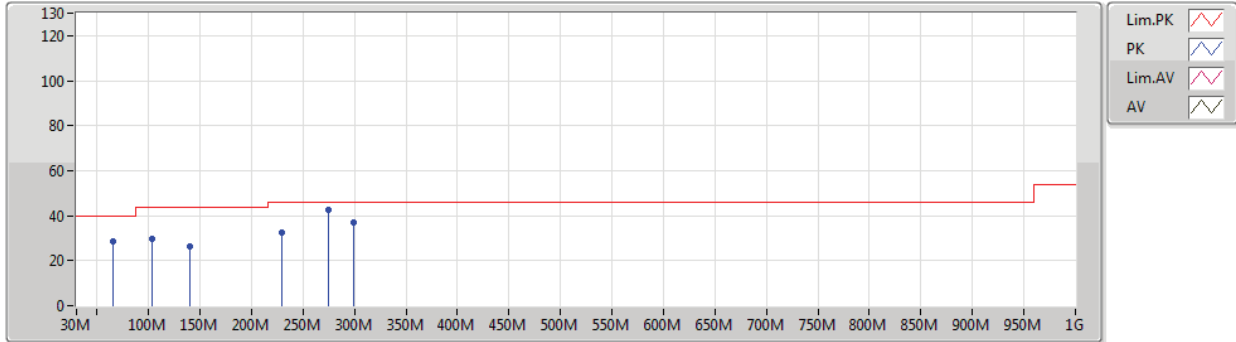
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| PK   | 37.76M    | 34.33          | 40.00          | -5.67       | -16.51      | 3        | Vertical  | 360         | 1.00       | -       | 50.84      | 19.80   | 0.96    | 37.27   |
| PK   | 49.4M     | 30.43          | 40.00          | -9.57       | -22.28      | 3        | Vertical  | 360         | 1.00       | -       | 52.71      | 13.72   | 1.09    | 37.09   |
| PK   | 66.86M    | 32.75          | 40.00          | -7.25       | -24.62      | 3        | Vertical  | 360         | 1.00       | -       | 57.37      | 11.11   | 1.30    | 37.03   |
| PK   | 134.76M   | 28.30          | 43.50          | -15.20      | -18.01      | 3        | Vertical  | 360         | 1.00       | -       | 46.31      | 16.63   | 1.87    | 36.51   |
| PK   | 270.56M   | 35.34          | 46.00          | -10.66      | -15.46      | 3        | Vertical  | 360         | 1.00       | -       | 50.80      | 18.26   | 2.72    | 36.44   |
| PK   | 303.54M   | 38.07          | 46.00          | -7.93       | -15.22      | 3        | Vertical  | 360         | 1.00       | -       | 53.29      | 18.27   | 2.91    | 36.40   |



802.11ax HEW80\_Nss1,(MCS0)\_4TX

21/05/2020

5775MHz\_Adapter



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| PK   | 64.92M    | 28.73          | 40.00          | -11.27      | -24.72      | 3        | Horizontal | 0           | 1.00       | -       | 53.45      | 10.92   | 1.30    | 36.94   |
| PK   | 103.72M   | 29.96          | 43.50          | -13.54      | -19.65      | 3        | Horizontal | 0           | 1.00       | -       | 49.61      | 15.34   | 1.64    | 36.63   |
| PK   | 140.58M   | 26.56          | 43.50          | -16.94      | -17.94      | 3        | Horizontal | 0           | 1.00       | -       | 44.50      | 16.52   | 1.90    | 36.36   |
| PK   | 229.82M   | 32.68          | 46.00          | -13.32      | -18.68      | 3        | Horizontal | 0           | 1.00       | -       | 51.36      | 15.24   | 2.48    | 36.40   |
| PK   | 274.44M   | 42.50          | 46.00          | -3.50       | -15.61      | 3        | Horizontal | 0           | 1.00       | -       | 58.11      | 18.09   | 2.75    | 36.45   |
| PK   | 299.66M   | 37.04          | 46.00          | -8.96       | -15.22      | 3        | Horizontal | 0           | 1.00       | -       | 52.26      | 18.23   | 2.90    | 36.35   |





Summary

| Mode                           | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|-----------|----------------|---------------|----------|
| 5.15-5.25GHz                   | -      | -    | -            | -                 | -                 | -              | -           | -         | -              | -             | -        |
| 802.11a_Nss1,(6Mbps)_4TX       | Pass   | AV   | 5.15G        | 53.70             | 54.00             | -0.30          | 3           | Vertical  | 232            | 1.59          | -        |
| 802.11ac VHT20_Nss1,(MCS0)_4TX | Pass   | AV   | 5.1496G      | 53.74             | 54.00             | -0.26          | 3           | Vertical  | 192            | 1.09          | -        |
| 802.11ac VHT40_Nss1,(MCS0)_4TX | Pass   | AV   | 5.1498G      | 53.83             | 54.00             | -0.17          | 3           | Vertical  | 217            | 1.59          | -        |
| 802.11ac VHT80_Nss1,(MCS0)_4TX | Pass   | AV   | 5.136G       | 53.76             | 54.00             | -0.24          | 3           | Vertical  | 55             | 1.05          | -        |
| 802.11ax HEW20_Nss1,(MCS0)_4TX | Pass   | AV   | 5.15G        | 53.59             | 54.00             | -0.41          | 3           | Vertical  | 152            | 1.50          | -        |
| 802.11ax HEW40_Nss1,(MCS0)_4TX | Pass   | AV   | 5.1462G      | 53.88             | 54.00             | -0.12          | 3           | Vertical  | 154            | 1.50          | -        |
| 802.11ax HEW80_Nss1,(MCS0)_4TX | Pass   | AV   | 5.142G       | 53.72             | 54.00             | -0.28          | 3           | Vertical  | 253            | 1.50          | -        |
| 5.725-5.85GHz                  | -      | -    | -            | -                 | -                 | -              | -           | -         | -              | -             | -        |
| 802.11a_Nss1,(6Mbps)_4TX       | Pass   | AV   | 11.48999G    | 51.27             | 54.00             | -2.73          | 3           | Vertical  | 93             | 1.56          | -        |
| 802.11ac VHT20_Nss1,(MCS0)_4TX | Pass   | AV   | 11.65008G    | 50.32             | 54.00             | -3.68          | 3           | Vertical  | 85             | 1.49          | -        |
| 802.11ac VHT40_Nss1,(MCS0)_4TX | Pass   | PK   | 5.6446G      | 67.95             | 68.20             | -0.25          | 3           | Vertical  | 65             | 1.70          | -        |
| 802.11ac VHT80_Nss1,(MCS0)_4TX | Pass   | PK   | 5.6502G      | 67.88             | 68.35             | -0.47          | 3           | Vertical  | 55             | 1.87          | -        |
| 802.11ax HEW20_Nss1,(MCS0)_4TX | Pass   | AV   | 11.64998G    | 51.49             | 54.00             | -2.51          | 3           | Vertical  | 341            | 1.26          | -        |
| 802.11ax HEW40_Nss1,(MCS0)_4TX | Pass   | PK   | 5.6482G      | 67.77             | 68.20             | -0.43          | 3           | Vertical  | 313            | 1.50          | -        |
| 802.11ax HEW80_Nss1,(MCS0)_4TX | Pass   | PK   | 5.6466G      | 67.86             | 68.20             | -0.34          | 3           | Vertical  | 55             | 1.78          | -        |



Result

| Mode                     | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|--------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|----------|
| 802.11a_Nss1,(6Mbps)_4TX | -      | -    | -            | -                 | -                 | -              | -           | -          | -              | -             | -        |
| 5180MHz                  | Pass   | AV   | 5.15G        | 53.70             | 54.00             | -0.30          | 3           | Vertical   | 232            | 1.59          | -        |
| 5180MHz                  | Pass   | AV   | 5.174G       | 110.88            | Inf               | -Inf           | 3           | Vertical   | 232            | 1.59          | -        |
| 5180MHz                  | Pass   | PK   | 5.1476G      | 67.45             | 74.00             | -6.55          | 3           | Vertical   | 232            | 1.59          | -        |
| 5180MHz                  | Pass   | PK   | 5.174G       | 120.64            | Inf               | -Inf           | 3           | Vertical   | 232            | 1.59          | -        |
| 5180MHz                  | Pass   | AV   | 5.15G        | 45.64             | 54.00             | -8.36          | 3           | Horizontal | 144            | 1.50          | -        |
| 5180MHz                  | Pass   | AV   | 5.1734G      | 100.07            | Inf               | -Inf           | 3           | Horizontal | 144            | 1.50          | -        |
| 5180MHz                  | Pass   | PK   | 5.144G       | 57.00             | 74.00             | -17.00         | 3           | Horizontal | 144            | 1.50          | -        |
| 5180MHz                  | Pass   | PK   | 5.1728G      | 109.36            | Inf               | -Inf           | 3           | Horizontal | 144            | 1.50          | -        |
| 5180MHz                  | Pass   | PK   | 10.36001G    | 56.10             | 68.20             | -12.10         | 3           | Vertical   | 100            | 2.97          | -        |
| 5180MHz                  | Pass   | PK   | 10.3601G     | 53.64             | 68.20             | -14.56         | 3           | Horizontal | 215            | 1.42          | -        |
| 5200MHz                  | Pass   | AV   | 5.1484G      | 53.42             | 54.00             | -0.58          | 3           | Vertical   | 221            | 1.40          | -        |
| 5200MHz                  | Pass   | AV   | 5.2066G      | 115.25            | Inf               | -Inf           | 3           | Vertical   | 221            | 1.40          | -        |
| 5200MHz                  | Pass   | PK   | 5.1484G      | 68.32             | 74.00             | -5.68          | 3           | Vertical   | 221            | 1.40          | -        |
| 5200MHz                  | Pass   | PK   | 5.2066G      | 125.36            | Inf               | -Inf           | 3           | Vertical   | 221            | 1.40          | -        |
| 5200MHz                  | Pass   | AV   | 5.15G        | 44.62             | 54.00             | -9.38          | 3           | Horizontal | 144            | 1.32          | -        |
| 5200MHz                  | Pass   | AV   | 5.2018G      | 104.63            | Inf               | -Inf           | 3           | Horizontal | 144            | 1.32          | -        |
| 5200MHz                  | Pass   | PK   | 5.143G       | 57.66             | 74.00             | -16.34         | 3           | Horizontal | 144            | 1.32          | -        |
| 5200MHz                  | Pass   | PK   | 5.2024G      | 114.59            | Inf               | -Inf           | 3           | Horizontal | 144            | 1.32          | -        |
| 5200MHz                  | Pass   | PK   | 10.40024G    | 56.83             | 68.20             | -11.37         | 3           | Vertical   | 106            | 2.94          | -        |
| 5200MHz                  | Pass   | PK   | 10.39664G    | 55.16             | 68.20             | -13.04         | 3           | Horizontal | 103            | 2.72          | -        |
| 5240MHz                  | Pass   | AV   | 5.1404G      | 46.98             | 54.00             | -7.02          | 3           | Vertical   | 221            | 1.50          | -        |
| 5240MHz                  | Pass   | AV   | 5.237G       | 117.23            | Inf               | -Inf           | 3           | Vertical   | 221            | 1.50          | -        |
| 5240MHz                  | Pass   | AV   | 5.354G       | 45.70             | 54.00             | -8.30          | 3           | Vertical   | 221            | 1.50          | -        |
| 5240MHz                  | Pass   | PK   | 5.1452G      | 60.36             | 74.00             | -13.64         | 3           | Vertical   | 221            | 1.50          | -        |
| 5240MHz                  | Pass   | PK   | 5.2376G      | 127.07            | Inf               | -Inf           | 3           | Vertical   | 221            | 1.50          | -        |
| 5240MHz                  | Pass   | PK   | 5.378G       | 57.76             | 74.00             | -16.24         | 3           | Vertical   | 221            | 1.50          | -        |
| 5240MHz                  | Pass   | AV   | 5.15G        | 43.57             | 54.00             | -10.43         | 3           | Horizontal | 79             | 1.70          | -        |
| 5240MHz                  | Pass   | AV   | 5.2472G      | 106.97            | Inf               | -Inf           | 3           | Horizontal | 79             | 1.70          | -        |
| 5240MHz                  | Pass   | AV   | 5.3642G      | 43.92             | 54.00             | -10.08         | 3           | Horizontal | 79             | 1.70          | -        |
| 5240MHz                  | Pass   | PK   | 5.1332G      | 55.33             | 74.00             | -18.67         | 3           | Horizontal | 79             | 1.70          | -        |
| 5240MHz                  | Pass   | PK   | 5.2472G      | 116.35            | Inf               | -Inf           | 3           | Horizontal | 79             | 1.70          | -        |
| 5240MHz                  | Pass   | PK   | 5.35G        | 55.35             | 74.00             | -18.65         | 3           | Horizontal | 79             | 1.70          | -        |
| 5240MHz                  | Pass   | PK   | 10.48G       | 57.48             | 68.20             | -10.72         | 3           | Vertical   | 107            | 2.97          | -        |
| 5240MHz                  | Pass   | PK   | 10.4737G     | 56.04             | 68.20             | -12.16         | 3           | Horizontal | 113            | 1.00          | -        |
| 5745MHz                  | Pass   | AV   | 5.7426G      | 118.30            | Inf               | -Inf           | 3           | Vertical   | 70             | 2.11          | -        |
| 5745MHz                  | Pass   | PK   | 5.649G       | 63.31             | 68.20             | -4.89          | 3           | Vertical   | 70             | 2.11          | -        |
| 5745MHz                  | Pass   | PK   | 5.7438G      | 128.12            | Inf               | -Inf           | 3           | Vertical   | 70             | 2.11          | -        |
| 5745MHz                  | Pass   | PK   | 5.9298G      | 59.35             | 68.20             | -8.85          | 3           | Vertical   | 70             | 2.11          | -        |
| 5745MHz                  | Pass   | AV   | 5.7462G      | 108.32            | Inf               | -Inf           | 3           | Horizontal | 44             | 2.11          | -        |
| 5745MHz                  | Pass   | PK   | 5.649G       | 57.33             | 68.20             | -10.87         | 3           | Horizontal | 44             | 2.11          | -        |
| 5745MHz                  | Pass   | PK   | 5.7462G      | 117.45            | Inf               | -Inf           | 3           | Horizontal | 44             | 2.11          | -        |
| 5745MHz                  | Pass   | PK   | 5.9694G      | 57.01             | 68.20             | -11.19         | 3           | Horizontal | 44             | 2.11          | -        |
| 5745MHz                  | Pass   | AV   | 11.48999G    | 51.27             | 54.00             | -2.73          | 3           | Vertical   | 93             | 1.56          | -        |
| 5745MHz                  | Pass   | PK   | 11.49G       | 57.67             | 74.00             | -16.33         | 3           | Vertical   | 93             | 1.56          | -        |
| 5745MHz                  | Pass   | AV   | 11.49002G    | 46.09             | 54.00             | -7.91          | 3           | Horizontal | 102            | 1.95          | -        |
| 5745MHz                  | Pass   | PK   | 11.49004G    | 55.98             | 74.00             | -18.02         | 3           | Horizontal | 102            | 1.95          | -        |
| 5785MHz                  | Pass   | AV   | 5.7862G      | 117.70            | Inf               | -Inf           | 3           | Vertical   | 71             | 1.69          | -        |

Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA( Preamp Factor)



## RSE TX above 1GHz\_Non-Beamforming

## Appendix E.2

| Mode                           | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|----------|
| 5785MHz                        | Pass   | PK   | 5.5966G      | 59.69             | 68.20             | -8.51          | 3           | Vertical   | 71             | 1.69          | -        |
| 5785MHz                        | Pass   | PK   | 5.7862G      | 126.96            | Inf               | -Inf           | 3           | Vertical   | 71             | 1.69          | -        |
| 5785MHz                        | Pass   | PK   | 5.9758G      | 60.91             | 68.20             | -7.29          | 3           | Vertical   | 71             | 1.69          | -        |
| 5785MHz                        | Pass   | AV   | 5.7886G      | 108.67            | Inf               | -Inf           | 3           | Horizontal | 50             | 1.50          | -        |
| 5785MHz                        | Pass   | PK   | 5.6314G      | 56.70             | 68.20             | -11.50         | 3           | Horizontal | 50             | 1.50          | -        |
| 5785MHz                        | Pass   | PK   | 5.7886G      | 117.85            | Inf               | -Inf           | 3           | Horizontal | 50             | 1.50          | -        |
| 5785MHz                        | Pass   | PK   | 5.9614G      | 57.49             | 68.20             | -10.71         | 3           | Horizontal | 50             | 1.50          | -        |
| 5785MHz                        | Pass   | AV   | 11.57005G    | 50.69             | 54.00             | -3.31          | 3           | Vertical   | 92             | 1.59          | -        |
| 5785MHz                        | Pass   | PK   | 11.57G       | 57.23             | 74.00             | -16.77         | 3           | Vertical   | 92             | 1.59          | -        |
| 5785MHz                        | Pass   | AV   | 11.57011G    | 46.74             | 54.00             | -7.26          | 3           | Horizontal | 103            | 1.69          | -        |
| 5785MHz                        | Pass   | PK   | 11.56986G    | 55.63             | 74.00             | -18.37         | 3           | Horizontal | 103            | 1.69          | -        |
| 5825MHz                        | Pass   | AV   | 5.8226G      | 117.45            | Inf               | -Inf           | 3           | Vertical   | 72             | 2.15          | -        |
| 5825MHz                        | Pass   | PK   | 5.6306G      | 60.16             | 68.20             | -8.04          | 3           | Vertical   | 72             | 2.15          | -        |
| 5825MHz                        | Pass   | PK   | 5.8226G      | 126.95            | Inf               | -Inf           | 3           | Vertical   | 72             | 2.15          | -        |
| 5825MHz                        | Pass   | PK   | 5.9222G      | 62.12             | 70.27             | -8.15          | 3           | Vertical   | 72             | 2.15          | -        |
| 5825MHz                        | Pass   | AV   | 5.831G       | 105.82            | Inf               | -Inf           | 3           | Horizontal | 44             | 1.49          | -        |
| 5825MHz                        | Pass   | PK   | 5.6282G      | 56.56             | 68.20             | -11.64         | 3           | Horizontal | 44             | 1.49          | -        |
| 5825MHz                        | Pass   | PK   | 5.8322G      | 115.32            | Inf               | -Inf           | 3           | Horizontal | 44             | 1.49          | -        |
| 5825MHz                        | Pass   | PK   | 5.981G       | 57.67             | 68.20             | -10.53         | 3           | Horizontal | 44             | 1.49          | -        |
| 5825MHz                        | Pass   | AV   | 11.65007G    | 51.11             | 54.00             | -2.89          | 3           | Vertical   | 91             | 1.49          | -        |
| 5825MHz                        | Pass   | PK   | 11.65003G    | 57.87             | 74.00             | -16.13         | 3           | Vertical   | 91             | 1.49          | -        |
| 5825MHz                        | Pass   | AV   | 11.65001G    | 47.29             | 54.00             | -6.71          | 3           | Horizontal | 103            | 1.68          | -        |
| 5825MHz                        | Pass   | PK   | 11.65013G    | 55.44             | 74.00             | -18.56         | 3           | Horizontal | 103            | 1.68          | -        |
| 802.11ac VHT20_Nss1,(MCS0)_4TX | -      | -    | -            | -                 | -                 | -              | -           | -          | -              | -             | -        |
| 5180MHz                        | Pass   | AV   | 5.15G        | 52.91             | 54.00             | -1.09          | 3           | Vertical   | 218            | 1.46          | -        |
| 5180MHz                        | Pass   | AV   | 5.1812G      | 110.52            | Inf               | -Inf           | 3           | Vertical   | 218            | 1.46          | -        |
| 5180MHz                        | Pass   | PK   | 5.1494G      | 70.64             | 74.00             | -3.36          | 3           | Vertical   | 218            | 1.46          | -        |
| 5180MHz                        | Pass   | PK   | 5.1824G      | 120.56            | Inf               | -Inf           | 3           | Vertical   | 218            | 1.46          | -        |
| 5180MHz                        | Pass   | AV   | 5.1416G      | 43.87             | 54.00             | -10.13         | 3           | Horizontal | 152            | 1.40          | -        |
| 5180MHz                        | Pass   | AV   | 5.1746G      | 99.90             | Inf               | -Inf           | 3           | Horizontal | 152            | 1.40          | -        |
| 5180MHz                        | Pass   | PK   | 5.1308G      | 56.11             | 74.00             | -17.89         | 3           | Horizontal | 152            | 1.40          | -        |
| 5180MHz                        | Pass   | PK   | 5.1752G      | 109.91            | Inf               | -Inf           | 3           | Horizontal | 152            | 1.40          | -        |
| 5180MHz                        | Pass   | PK   | 10.35973G    | 55.82             | 68.20             | -12.38         | 3           | Vertical   | 98             | 2.95          | -        |
| 5180MHz                        | Pass   | PK   | 10.3598G     | 55.08             | 68.20             | -13.12         | 3           | Horizontal | 139            | 1.18          | -        |
| 5200MHz                        | Pass   | AV   | 5.1496G      | 53.74             | 54.00             | -0.26          | 3           | Vertical   | 192            | 1.09          | -        |
| 5200MHz                        | Pass   | AV   | 5.1982G      | 115.55            | Inf               | -Inf           | 3           | Vertical   | 192            | 1.09          | -        |
| 5200MHz                        | Pass   | PK   | 5.149G       | 69.40             | 74.00             | -4.60          | 3           | Vertical   | 192            | 1.09          | -        |
| 5200MHz                        | Pass   | PK   | 5.1982G      | 126.43            | Inf               | -Inf           | 3           | Vertical   | 192            | 1.09          | -        |
| 5200MHz                        | Pass   | AV   | 5.15G        | 47.67             | 54.00             | -6.33          | 3           | Horizontal | 69             | 2.20          | -        |
| 5200MHz                        | Pass   | AV   | 5.1934G      | 105.50            | Inf               | -Inf           | 3           | Horizontal | 69             | 2.20          | -        |
| 5200MHz                        | Pass   | PK   | 5.149G       | 62.54             | 74.00             | -11.46         | 3           | Horizontal | 69             | 2.20          | -        |
| 5200MHz                        | Pass   | PK   | 5.1928G      | 116.16            | Inf               | -Inf           | 3           | Horizontal | 69             | 2.20          | -        |
| 5200MHz                        | Pass   | PK   | 10.40018G    | 57.94             | 68.20             | -10.26         | 3           | Vertical   | 98             | 3.00          | -        |
| 5200MHz                        | Pass   | PK   | 10.394G      | 56.37             | 68.20             | -11.83         | 3           | Horizontal | 104            | 1.00          | -        |
| 5240MHz                        | Pass   | AV   | 5.1464G      | 47.07             | 54.00             | -6.93          | 3           | Vertical   | 218            | 1.50          | -        |
| 5240MHz                        | Pass   | AV   | 5.243G       | 116.33            | Inf               | -Inf           | 3           | Vertical   | 218            | 1.50          | -        |
| 5240MHz                        | Pass   | AV   | 5.3516G      | 45.43             | 54.00             | -8.57          | 3           | Vertical   | 218            | 1.50          | -        |
| 5240MHz                        | Pass   | PK   | 5.1446G      | 61.83             | 74.00             | -12.17         | 3           | Vertical   | 218            | 1.50          | -        |
| 5240MHz                        | Pass   | PK   | 5.2436G      | 126.99            | Inf               | -Inf           | 3           | Vertical   | 218            | 1.50          | -        |

Remark :

Page No. : E3 of E129

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA( Preamp Factor)

9N1813-01



RSE TX above 1GHz\_Non-Beamforming

Appendix E.2

| Mode                           | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comments |
|--------------------------------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|----------|
| 5240MHz                        | Pass   | PK   | 5.3534G   | 58.09          | 74.00          | -15.91      | 3        | Vertical   | 218         | 1.50       | -        |
| 5240MHz                        | Pass   | AV   | 5.1422G   | 43.13          | 54.00          | -10.87      | 3        | Horizontal | 70          | 2.03       | -        |
| 5240MHz                        | Pass   | AV   | 5.2412G   | 107.78         | Inf            | -Inf        | 3        | Horizontal | 70          | 2.03       | -        |
| 5240MHz                        | Pass   | AV   | 5.3606G   | 43.65          | 54.00          | -10.35      | 3        | Horizontal | 70          | 2.03       | -        |
| 5240MHz                        | Pass   | PK   | 5.144G    | 55.68          | 74.00          | -18.32      | 3        | Horizontal | 70          | 2.03       | -        |
| 5240MHz                        | Pass   | PK   | 5.2424G   | 117.59         | Inf            | -Inf        | 3        | Horizontal | 70          | 2.03       | -        |
| 5240MHz                        | Pass   | PK   | 5.3714G   | 55.97          | 74.00          | -18.03      | 3        | Horizontal | 70          | 2.03       | -        |
| 5240MHz                        | Pass   | PK   | 10.4806G  | 57.30          | 68.20          | -10.90      | 3        | Vertical   | 96          | 2.96       | -        |
| 5240MHz                        | Pass   | PK   | 10.47922G | 54.24          | 68.20          | -13.96      | 3        | Horizontal | 118         | 2.13       | -        |
| 5745MHz                        | Pass   | AV   | 5.7522G   | 115.68         | Inf            | -Inf        | 3        | Vertical   | 185         | 1.55       | -        |
| 5745MHz                        | Pass   | PK   | 5.6466G   | 60.28          | 68.20          | -7.92       | 3        | Vertical   | 185         | 1.55       | -        |
| 5745MHz                        | Pass   | PK   | 5.751G    | 125.69         | Inf            | -Inf        | 3        | Vertical   | 185         | 1.55       | -        |
| 5745MHz                        | Pass   | PK   | 5.9442G   | 59.01          | 68.20          | -9.19       | 3        | Vertical   | 185         | 1.55       | -        |
| 5745MHz                        | Pass   | AV   | 5.7462G   | 107.86         | Inf            | -Inf        | 3        | Horizontal | 36          | 1.44       | -        |
| 5745MHz                        | Pass   | PK   | 5.6238G   | 56.92          | 68.20          | -11.28      | 3        | Horizontal | 36          | 1.44       | -        |
| 5745MHz                        | Pass   | PK   | 5.7462G   | 117.33         | Inf            | -Inf        | 3        | Horizontal | 36          | 1.44       | -        |
| 5745MHz                        | Pass   | PK   | 5.9502G   | 57.12          | 68.20          | -11.08      | 3        | Horizontal | 36          | 1.44       | -        |
| 5745MHz                        | Pass   | AV   | 11.49G    | 49.90          | 54.00          | -4.10       | 3        | Vertical   | 86          | 1.53       | -        |
| 5745MHz                        | Pass   | PK   | 11.48993G | 56.77          | 74.00          | -17.23      | 3        | Vertical   | 86          | 1.53       | -        |
| 5745MHz                        | Pass   | AV   | 11.49006G | 45.59          | 54.00          | -8.41       | 3        | Horizontal | 98          | 1.63       | -        |
| 5745MHz                        | Pass   | PK   | 11.48995G | 55.34          | 74.00          | -18.66      | 3        | Horizontal | 98          | 1.63       | -        |
| 5785MHz                        | Pass   | AV   | 5.7814G   | 114.77         | Inf            | -Inf        | 3        | Vertical   | 215         | 1.29       | -        |
| 5785MHz                        | Pass   | PK   | 5.5882G   | 58.45          | 68.20          | -9.75       | 3        | Vertical   | 215         | 1.29       | -        |
| 5785MHz                        | Pass   | PK   | 5.7802G   | 124.90         | Inf            | -Inf        | 3        | Vertical   | 215         | 1.29       | -        |
| 5785MHz                        | Pass   | PK   | 5.9446G   | 57.53          | 68.20          | -10.67      | 3        | Vertical   | 215         | 1.29       | -        |
| 5785MHz                        | Pass   | AV   | 5.7862G   | 107.43         | Inf            | -Inf        | 3        | Horizontal | 36          | 1.43       | -        |
| 5785MHz                        | Pass   | PK   | 5.6446G   | 56.98          | 68.20          | -11.22      | 3        | Horizontal | 36          | 1.43       | -        |
| 5785MHz                        | Pass   | PK   | 5.785G    | 117.32         | Inf            | -Inf        | 3        | Horizontal | 36          | 1.43       | -        |
| 5785MHz                        | Pass   | PK   | 5.9254G   | 56.67          | 68.20          | -11.53      | 3        | Horizontal | 36          | 1.43       | -        |
| 5785MHz                        | Pass   | AV   | 11.57006G | 49.81          | 54.00          | -4.19       | 3        | Vertical   | 87          | 1.45       | -        |
| 5785MHz                        | Pass   | PK   | 11.56992G | 56.57          | 74.00          | -17.43      | 3        | Vertical   | 87          | 1.45       | -        |
| 5785MHz                        | Pass   | AV   | 11.57007G | 46.22          | 54.00          | -7.78       | 3        | Horizontal | 97          | 1.89       | -        |
| 5785MHz                        | Pass   | PK   | 11.57004G | 54.69          | 74.00          | -19.31      | 3        | Horizontal | 97          | 1.89       | -        |
| 5825MHz                        | Pass   | AV   | 5.8298G   | 115.78         | Inf            | -Inf        | 3        | Vertical   | 69          | 1.54       | -        |
| 5825MHz                        | Pass   | PK   | 5.6378G   | 58.93          | 68.20          | -9.27       | 3        | Vertical   | 69          | 1.54       | -        |
| 5825MHz                        | Pass   | PK   | 5.8286G   | 125.52         | Inf            | -Inf        | 3        | Vertical   | 69          | 1.54       | -        |
| 5825MHz                        | Pass   | PK   | 5.927G    | 60.76          | 68.20          | -7.44       | 3        | Vertical   | 69          | 1.54       | -        |
| 5825MHz                        | Pass   | AV   | 5.8322G   | 106.15         | Inf            | -Inf        | 3        | Horizontal | 33          | 1.52       | -        |
| 5825MHz                        | Pass   | PK   | 5.5322G   | 56.68          | 68.20          | -11.52      | 3        | Horizontal | 33          | 1.52       | -        |
| 5825MHz                        | Pass   | PK   | 5.831G    | 115.78         | Inf            | -Inf        | 3        | Horizontal | 33          | 1.52       | -        |
| 5825MHz                        | Pass   | PK   | 5.933G    | 57.40          | 68.20          | -10.80      | 3        | Horizontal | 33          | 1.52       | -        |
| 5825MHz                        | Pass   | AV   | 11.65008G | 50.32          | 54.00          | -3.68       | 3        | Vertical   | 85          | 1.49       | -        |
| 5825MHz                        | Pass   | PK   | 11.65007G | 57.24          | 74.00          | -16.76      | 3        | Vertical   | 85          | 1.49       | -        |
| 5825MHz                        | Pass   | AV   | 11.65008G | 46.45          | 54.00          | -7.55       | 3        | Horizontal | 94          | 1.56       | -        |
| 5825MHz                        | Pass   | PK   | 11.64994G | 55.11          | 74.00          | -18.89      | 3        | Horizontal | 94          | 1.56       | -        |
| 802.11ac VHT40_Nss1,(MCS0)_4TX | -      | -    | -         | -              | -              | -           | -        | -          | -           | -          | -        |
| 5190MHz                        | Pass   | AV   | 5.1498G   | 53.83          | 54.00          | -0.17       | 3        | Vertical   | 217         | 1.59       | -        |
| 5190MHz                        | Pass   | AV   | 5.1942G   | 107.89         | Inf            | -Inf        | 3        | Vertical   | 217         | 1.59       | -        |
| 5190MHz                        | Pass   | PK   | 5.1474G   | 66.64          | 74.00          | -7.36       | 3        | Vertical   | 217         | 1.59       | -        |

Remark :

Page No. : E4 of E129

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA( Preamp Factor)

9N1813-01



## RSE TX above 1GHz\_Non-Beamforming

## Appendix E.2

| Mode                           | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|----------|
| 5190MHz                        | Pass   | PK   | 5.1942G      | 117.45            | Inf               | -Inf           | 3           | Vertical   | 217            | 1.59          | -        |
| 5190MHz                        | Pass   | AV   | 5.1498G      | 48.74             | 54.00             | -5.26          | 3           | Horizontal | 74             | 2.15          | -        |
| 5190MHz                        | Pass   | AV   | 5.1918G      | 97.35             | Inf               | -Inf           | 3           | Horizontal | 74             | 2.15          | -        |
| 5190MHz                        | Pass   | PK   | 5.1492G      | 61.94             | 74.00             | -12.06         | 3           | Horizontal | 74             | 2.15          | -        |
| 5190MHz                        | Pass   | PK   | 5.1924G      | 107.53            | Inf               | -Inf           | 3           | Horizontal | 74             | 2.15          | -        |
| 5190MHz                        | Pass   | PK   | 10.37946G    | 60.22             | 68.20             | -7.98          | 3           | Vertical   | 343            | 1.05          | -        |
| 5190MHz                        | Pass   | PK   | 10.37943G    | 60.10             | 68.20             | -8.10          | 3           | Horizontal | 305            | 2.38          | -        |
| 5230MHz                        | Pass   | AV   | 5.1478G      | 53.22             | 54.00             | -0.78          | 3           | Vertical   | 211            | 1.57          | -        |
| 5230MHz                        | Pass   | AV   | 5.2276G      | 111.09            | Inf               | -Inf           | 3           | Vertical   | 211            | 1.57          | -        |
| 5230MHz                        | Pass   | AV   | 5.35G        | 46.73             | 54.00             | -7.27          | 3           | Vertical   | 211            | 1.57          | -        |
| 5230MHz                        | Pass   | PK   | 5.1466G      | 67.31             | 74.00             | -6.69          | 3           | Vertical   | 211            | 1.57          | -        |
| 5230MHz                        | Pass   | PK   | 5.2282G      | 120.70            | Inf               | -Inf           | 3           | Vertical   | 211            | 1.57          | -        |
| 5230MHz                        | Pass   | PK   | 5.3506G      | 58.68             | 74.00             | -15.32         | 3           | Vertical   | 211            | 1.57          | -        |
| 5230MHz                        | Pass   | AV   | 5.1454G      | 44.45             | 54.00             | -9.55          | 3           | Horizontal | 69             | 1.81          | -        |
| 5230MHz                        | Pass   | AV   | 5.2252G      | 100.04            | Inf               | -Inf           | 3           | Horizontal | 69             | 1.81          | -        |
| 5230MHz                        | Pass   | AV   | 5.3566G      | 43.71             | 54.00             | -10.29         | 3           | Horizontal | 69             | 1.81          | -        |
| 5230MHz                        | Pass   | PK   | 5.1454G      | 56.79             | 74.00             | -17.21         | 3           | Horizontal | 69             | 1.81          | -        |
| 5230MHz                        | Pass   | PK   | 5.2252G      | 110.12            | Inf               | -Inf           | 3           | Horizontal | 69             | 1.81          | -        |
| 5230MHz                        | Pass   | PK   | 5.3644G      | 55.99             | 74.00             | -18.01         | 3           | Horizontal | 69             | 1.81          | -        |
| 5230MHz                        | Pass   | PK   | 10.45984G    | 54.10             | 68.20             | -14.10         | 3           | Vertical   | 100            | 1.58          | -        |
| 5230MHz                        | Pass   | PK   | 10.45985G    | 53.06             | 68.20             | -15.14         | 3           | Horizontal | 228            | 1.52          | -        |
| 5755MHz                        | Pass   | AV   | 5.7454G      | 114.34            | Inf               | -Inf           | 3           | Vertical   | 65             | 1.70          | -        |
| 5755MHz                        | Pass   | PK   | 5.6446G      | 67.95             | 68.20             | -0.25          | 3           | Vertical   | 65             | 1.70          | -        |
| 5755MHz                        | Pass   | PK   | 5.7646G      | 124.66            | Inf               | -Inf           | 3           | Vertical   | 65             | 1.70          | -        |
| 5755MHz                        | Pass   | PK   | 5.9338G      | 59.44             | 68.20             | -8.76          | 3           | Vertical   | 65             | 1.70          | -        |
| 5755MHz                        | Pass   | AV   | 5.7562G      | 103.82            | Inf               | -Inf           | 3           | Horizontal | 36             | 1.34          | -        |
| 5755MHz                        | Pass   | PK   | 5.6518G      | 61.57             | 69.53             | -7.96          | 3           | Horizontal | 36             | 1.34          | -        |
| 5755MHz                        | Pass   | PK   | 5.7562G      | 113.73            | Inf               | -Inf           | 3           | Horizontal | 36             | 1.34          | -        |
| 5755MHz                        | Pass   | PK   | 5.9818G      | 56.48             | 68.20             | -11.72         | 3           | Horizontal | 36             | 1.34          | -        |
| 5755MHz                        | Pass   | AV   | 11.51002G    | 50.35             | 54.00             | -3.65          | 3           | Vertical   | 339            | 1.29          | -        |
| 5755MHz                        | Pass   | PK   | 11.50996G    | 61.36             | 74.00             | -12.64         | 3           | Vertical   | 339            | 1.29          | -        |
| 5755MHz                        | Pass   | AV   | 11.50988G    | 47.87             | 54.00             | -6.13          | 3           | Horizontal | 52             | 1.49          | -        |
| 5755MHz                        | Pass   | PK   | 11.50989G    | 61.00             | 74.00             | -13.00         | 3           | Horizontal | 52             | 1.49          | -        |
| 5795MHz                        | Pass   | AV   | 5.7974G      | 112.24            | Inf               | -Inf           | 3           | Vertical   | 279            | 1.64          | -        |
| 5795MHz                        | Pass   | PK   | 5.6246G      | 60.00             | 68.20             | -8.20          | 3           | Vertical   | 279            | 1.64          | -        |
| 5795MHz                        | Pass   | PK   | 5.7986G      | 122.12            | Inf               | -Inf           | 3           | Vertical   | 279            | 1.64          | -        |
| 5795MHz                        | Pass   | PK   | 5.939G       | 61.63             | 68.20             | -6.57          | 3           | Vertical   | 279            | 1.64          | -        |
| 5795MHz                        | Pass   | AV   | 5.7974G      | 103.41            | Inf               | -Inf           | 3           | Horizontal | 169            | 1.34          | -        |
| 5795MHz                        | Pass   | PK   | 5.5046G      | 56.48             | 68.20             | -11.72         | 3           | Horizontal | 169            | 1.34          | -        |
| 5795MHz                        | Pass   | PK   | 5.7986G      | 113.62            | Inf               | -Inf           | 3           | Horizontal | 169            | 1.34          | -        |
| 5795MHz                        | Pass   | PK   | 5.9294G      | 57.09             | 68.20             | -11.11         | 3           | Horizontal | 169            | 1.34          | -        |
| 5795MHz                        | Pass   | AV   | 11.59001G    | 50.35             | 54.00             | -3.65          | 3           | Vertical   | 335            | 1.28          | -        |
| 5795MHz                        | Pass   | PK   | 11.5898G     | 61.77             | 74.00             | -12.23         | 3           | Vertical   | 335            | 1.28          | -        |
| 5795MHz                        | Pass   | AV   | 11.59008G    | 48.20             | 54.00             | -5.80          | 3           | Horizontal | 345            | 1.53          | -        |
| 5795MHz                        | Pass   | PK   | 11.58981G    | 60.89             | 74.00             | -13.11         | 3           | Horizontal | 345            | 1.53          | -        |
| 802.11ac_VHT80_Nss1,(MCS0)_4TX | -      | -    | -            | -                 | -                 | -              | -           | -          | -              | -             | -        |
| 5210MHz                        | Pass   | AV   | 5.136G       | 53.76             | 54.00             | -0.24          | 3           | Vertical   | 55             | 1.05          | -        |
| 5210MHz                        | Pass   | AV   | 5.197G       | 100.63            | Inf               | -Inf           | 3           | Vertical   | 55             | 1.05          | -        |
| 5210MHz                        | Pass   | AV   | 5.355G       | 44.94             | 54.00             | -9.06          | 3           | Vertical   | 55             | 1.05          | -        |

Remark :

Page No. : E5 of E129

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA( Preamp Factor)

9N1813-01



RSE TX above 1GHz\_Non-Beamforming

Appendix E.2

| Mode                           | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comments |
|--------------------------------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|----------|
| 5210MHz                        | Pass   | PK   | 5.135G    | 68.25          | 74.00          | -5.75       | 3        | Vertical   | 55          | 1.05       | -        |
| 5210MHz                        | Pass   | PK   | 5.197G    | 110.70         | Inf            | -Inf        | 3        | Vertical   | 55          | 1.05       | -        |
| 5210MHz                        | Pass   | PK   | 5.376G    | 56.99          | 74.00          | -17.01      | 3        | Vertical   | 55          | 1.05       | -        |
| 5210MHz                        | Pass   | AV   | 5.144G    | 47.12          | 54.00          | -6.88       | 3        | Horizontal | 78          | 1.86       | -        |
| 5210MHz                        | Pass   | AV   | 5.205G    | 91.51          | Inf            | -Inf        | 3        | Horizontal | 78          | 1.86       | -        |
| 5210MHz                        | Pass   | AV   | 5.366G    | 43.20          | 54.00          | -10.80      | 3        | Horizontal | 78          | 1.86       | -        |
| 5210MHz                        | Pass   | PK   | 5.145G    | 61.41          | 74.00          | -12.59      | 3        | Horizontal | 78          | 1.86       | -        |
| 5210MHz                        | Pass   | PK   | 5.205G    | 101.17         | Inf            | -Inf        | 3        | Horizontal | 78          | 1.86       | -        |
| 5210MHz                        | Pass   | PK   | 5.392G    | 55.99          | 74.00          | -18.01      | 3        | Horizontal | 78          | 1.86       | -        |
| 5210MHz                        | Pass   | PK   | 10.42003G | 60.05          | 68.20          | -8.15       | 3        | Vertical   | 309         | 1.50       | -        |
| 5210MHz                        | Pass   | PK   | 10.41977G | 60.07          | 68.20          | -8.13       | 3        | Horizontal | 132         | 1.37       | -        |
| 5775MHz                        | Pass   | AV   | 5.7858G   | 108.62         | Inf            | -Inf        | 3        | Vertical   | 55          | 1.87       | -        |
| 5775MHz                        | Pass   | PK   | 5.6502G   | 67.88          | 68.35          | -0.47       | 3        | Vertical   | 55          | 1.87       | -        |
| 5775MHz                        | Pass   | PK   | 5.787G    | 117.08         | Inf            | -Inf        | 3        | Vertical   | 55          | 1.87       | -        |
| 5775MHz                        | Pass   | PK   | 5.925G    | 64.26          | 68.20          | -3.94       | 3        | Vertical   | 55          | 1.87       | -        |
| 5775MHz                        | Pass   | AV   | 5.7762G   | 95.70          | Inf            | -Inf        | 3        | Horizontal | 34          | 1.50       | -        |
| 5775MHz                        | Pass   | PK   | 5.5926G   | 59.67          | 68.20          | -8.53       | 3        | Horizontal | 34          | 1.50       | -        |
| 5775MHz                        | Pass   | PK   | 5.7546G   | 105.16         | Inf            | -Inf        | 3        | Horizontal | 34          | 1.50       | -        |
| 5775MHz                        | Pass   | PK   | 5.9634G   | 60.15          | 68.20          | -8.05       | 3        | Horizontal | 34          | 1.50       | -        |
| 5775MHz                        | Pass   | AV   | 11.54993G | 50.06          | 54.00          | -3.94       | 3        | Vertical   | 79          | 1.50       | -        |
| 5775MHz                        | Pass   | PK   | 11.54982G | 61.30          | 74.00          | -12.70      | 3        | Vertical   | 79          | 1.50       | -        |
| 5775MHz                        | Pass   | AV   | 11.54992G | 47.86          | 54.00          | -6.14       | 3        | Horizontal | 89          | 1.85       | -        |
| 5775MHz                        | Pass   | PK   | 11.55084G | 60.81          | 74.00          | -13.19      | 3        | Horizontal | 89          | 1.85       | -        |
| 802.11ax HEW20_Nss1,(MCS0)_4TX | -      | -    | -         | -              | -              | -           | -        | -          | -           | -          | -        |
| 5180MHz                        | Pass   | AV   | 5.15G     | 53.59          | 54.00          | -0.41       | 3        | Vertical   | 152         | 1.50       | -        |
| 5180MHz                        | Pass   | AV   | 5.1764G   | 110.70         | Inf            | -Inf        | 3        | Vertical   | 152         | 1.50       | -        |
| 5180MHz                        | Pass   | PK   | 5.1482G   | 68.50          | 74.00          | -5.50       | 3        | Vertical   | 152         | 1.50       | -        |
| 5180MHz                        | Pass   | PK   | 5.177G    | 122.66         | Inf            | -Inf        | 3        | Vertical   | 152         | 1.50       | -        |
| 5180MHz                        | Pass   | AV   | 5.1476G   | 50.04          | 54.00          | -3.96       | 3        | Horizontal | 40          | 1.50       | -        |
| 5180MHz                        | Pass   | AV   | 5.1812G   | 99.39          | Inf            | -Inf        | 3        | Horizontal | 40          | 1.50       | -        |
| 5180MHz                        | Pass   | PK   | 5.147G    | 63.23          | 74.00          | -10.77      | 3        | Horizontal | 40          | 1.50       | -        |
| 5180MHz                        | Pass   | PK   | 5.1806G   | 111.92         | Inf            | -Inf        | 3        | Horizontal | 40          | 1.50       | -        |
| 5180MHz                        | Pass   | PK   | 10.36882G | 60.15          | 68.20          | -8.05       | 3        | Vertical   | 353         | 1.50       | -        |
| 5180MHz                        | Pass   | PK   | 10.35466G | 59.57          | 68.20          | -8.63       | 3        | Horizontal | 72          | 1.09       | -        |
| 5200MHz                        | Pass   | AV   | 5.15G     | 53.47          | 54.00          | -0.53       | 3        | Vertical   | 90          | 1.75       | -        |
| 5200MHz                        | Pass   | AV   | 5.1922G   | 113.52         | Inf            | -Inf        | 3        | Vertical   | 90          | 1.75       | -        |
| 5200MHz                        | Pass   | PK   | 5.15G     | 66.02          | 74.00          | -7.98       | 3        | Vertical   | 90          | 1.75       | -        |
| 5200MHz                        | Pass   | PK   | 5.1928G   | 126.04         | Inf            | -Inf        | 3        | Vertical   | 90          | 1.75       | -        |
| 5200MHz                        | Pass   | AV   | 5.1112G   | 47.92          | 54.00          | -6.08       | 3        | Horizontal | 307         | 1.49       | -        |
| 5200MHz                        | Pass   | AV   | 5.1958G   | 102.46         | Inf            | -Inf        | 3        | Horizontal | 307         | 1.49       | -        |
| 5200MHz                        | Pass   | PK   | 5.1448G   | 61.22          | 74.00          | -12.78      | 3        | Horizontal | 307         | 1.49       | -        |
| 5200MHz                        | Pass   | PK   | 5.1958G   | 114.59         | Inf            | -Inf        | 3        | Horizontal | 307         | 1.49       | -        |
| 5200MHz                        | Pass   | PK   | 10.399G   | 59.94          | 68.20          | -8.26       | 3        | Vertical   | 281         | 1.50       | -        |
| 5200MHz                        | Pass   | PK   | 10.39912G | 59.87          | 68.20          | -8.33       | 3        | Horizontal | 57          | 2.23       | -        |
| 5240MHz                        | Pass   | AV   | 5.1434G   | 49.69          | 54.00          | -4.31       | 3        | Vertical   | 86          | 1.73       | -        |
| 5240MHz                        | Pass   | AV   | 5.2412G   | 117.06         | Inf            | -Inf        | 3        | Vertical   | 86          | 1.73       | -        |
| 5240MHz                        | Pass   | AV   | 5.3576G   | 47.38          | 54.00          | -6.62       | 3        | Vertical   | 86          | 1.73       | -        |
| 5240MHz                        | Pass   | PK   | 5.1434G   | 63.80          | 74.00          | -10.20      | 3        | Vertical   | 86          | 1.73       | -        |
| 5240MHz                        | Pass   | PK   | 5.2412G   | 127.37         | Inf            | -Inf        | 3        | Vertical   | 86          | 1.73       | -        |

Remark :

Page No. : E6 of E129

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA( Preamp Factor)

9N1813-01



RSE TX above 1GHz\_Non-Beamforming

Appendix E.2

| Mode                           | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comments |
|--------------------------------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|----------|
| 5240MHz                        | Pass   | PK   | 5.387G    | 60.54          | 74.00          | -13.46      | 3        | Vertical   | 86          | 1.73       | -        |
| 5240MHz                        | Pass   | AV   | 5.1014G   | 48.03          | 54.00          | -5.97       | 3        | Horizontal | 299         | 1.00       | -        |
| 5240MHz                        | Pass   | AV   | 5.2442G   | 107.00         | Inf            | -Inf        | 3        | Horizontal | 299         | 1.00       | -        |
| 5240MHz                        | Pass   | AV   | 5.3798G   | 46.43          | 54.00          | -7.57       | 3        | Horizontal | 299         | 1.00       | -        |
| 5240MHz                        | Pass   | PK   | 5.1332G   | 61.07          | 74.00          | -12.93      | 3        | Horizontal | 299         | 1.00       | -        |
| 5240MHz                        | Pass   | PK   | 5.2436G   | 118.88         | Inf            | -Inf        | 3        | Horizontal | 299         | 1.00       | -        |
| 5240MHz                        | Pass   | PK   | 5.3684G   | 59.15          | 74.00          | -14.85      | 3        | Horizontal | 299         | 1.00       | -        |
| 5240MHz                        | Pass   | PK   | 10.48023G | 60.61          | 68.20          | -7.59       | 3        | Vertical   | 306         | 1.99       | -        |
| 5240MHz                        | Pass   | PK   | 10.48074G | 61.05          | 68.20          | -7.15       | 3        | Horizontal | 351         | 1.50       | -        |
| 5745MHz                        | Pass   | AV   | 5.739G    | 117.63         | Inf            | -Inf        | 3        | Vertical   | 319         | 2.19       | -        |
| 5745MHz                        | Pass   | PK   | 5.643G    | 64.93          | 68.20          | -3.27       | 3        | Vertical   | 319         | 2.19       | -        |
| 5745MHz                        | Pass   | PK   | 5.7402G   | 129.51         | Inf            | -Inf        | 3        | Vertical   | 319         | 2.19       | -        |
| 5745MHz                        | Pass   | PK   | 5.931G    | 63.62          | 68.20          | -4.58       | 3        | Vertical   | 319         | 2.19       | -        |
| 5745MHz                        | Pass   | AV   | 5.7474G   | 107.60         | Inf            | -Inf        | 3        | Horizontal | 300         | 1.50       | -        |
| 5745MHz                        | Pass   | PK   | 5.5314G   | 60.51          | 68.20          | -7.69       | 3        | Horizontal | 300         | 1.50       | -        |
| 5745MHz                        | Pass   | PK   | 5.7486G   | 120.82         | Inf            | -Inf        | 3        | Horizontal | 300         | 1.50       | -        |
| 5745MHz                        | Pass   | PK   | 5.943G    | 61.31          | 68.20          | -6.89       | 3        | Horizontal | 300         | 1.50       | -        |
| 5745MHz                        | Pass   | AV   | 11.49007G | 50.65          | 54.00          | -3.35       | 3        | Vertical   | 342         | 1.39       | -        |
| 5745MHz                        | Pass   | PK   | 11.48995G | 62.18          | 74.00          | -11.82      | 3        | Vertical   | 342         | 1.39       | -        |
| 5745MHz                        | Pass   | AV   | 11.49014G | 47.94          | 54.00          | -6.06       | 3        | Horizontal | 51          | 1.59       | -        |
| 5745MHz                        | Pass   | PK   | 11.48987G | 61.83          | 74.00          | -12.17      | 3        | Horizontal | 51          | 1.59       | -        |
| 5785MHz                        | Pass   | AV   | 5.7886G   | 116.55         | Inf            | -Inf        | 3        | Vertical   | 314         | 2.18       | -        |
| 5785MHz                        | Pass   | PK   | 5.5714G   | 61.93          | 68.20          | -6.27       | 3        | Vertical   | 314         | 2.18       | -        |
| 5785MHz                        | Pass   | PK   | 5.7898G   | 127.84         | Inf            | -Inf        | 3        | Vertical   | 314         | 2.18       | -        |
| 5785MHz                        | Pass   | PK   | 5.9278G   | 63.24          | 68.20          | -4.96       | 3        | Vertical   | 314         | 2.18       | -        |
| 5785MHz                        | Pass   | AV   | 5.7862G   | 107.99         | Inf            | -Inf        | 3        | Horizontal | 296         | 1.50       | -        |
| 5785MHz                        | Pass   | PK   | 5.5498G   | 60.42          | 68.20          | -7.78       | 3        | Horizontal | 296         | 1.50       | -        |
| 5785MHz                        | Pass   | PK   | 5.7862G   | 121.21         | Inf            | -Inf        | 3        | Horizontal | 296         | 1.50       | -        |
| 5785MHz                        | Pass   | PK   | 5.9626G   | 61.30          | 68.20          | -6.90       | 3        | Horizontal | 296         | 1.50       | -        |
| 5785MHz                        | Pass   | AV   | 11.57004G | 50.72          | 54.00          | -3.28       | 3        | Vertical   | 341         | 1.30       | -        |
| 5785MHz                        | Pass   | PK   | 11.57014G | 62.39          | 74.00          | -11.61      | 3        | Vertical   | 341         | 1.30       | -        |
| 5785MHz                        | Pass   | AV   | 11.56999G | 48.15          | 54.00          | -5.85       | 3        | Horizontal | 350         | 1.86       | -        |
| 5785MHz                        | Pass   | PK   | 11.5704G  | 61.13          | 74.00          | -12.87      | 3        | Horizontal | 350         | 1.86       | -        |
| 5825MHz                        | Pass   | AV   | 5.8166G   | 116.18         | Inf            | -Inf        | 3        | Vertical   | 326         | 2.00       | -        |
| 5825MHz                        | Pass   | PK   | 5.621G    | 61.69          | 68.20          | -6.51       | 3        | Vertical   | 326         | 2.00       | -        |
| 5825MHz                        | Pass   | PK   | 5.8166G   | 127.72         | Inf            | -Inf        | 3        | Vertical   | 326         | 2.00       | -        |
| 5825MHz                        | Pass   | PK   | 5.9306G   | 63.35          | 68.20          | -4.85       | 3        | Vertical   | 326         | 2.00       | -        |
| 5825MHz                        | Pass   | AV   | 5.8262G   | 107.37         | Inf            | -Inf        | 3        | Horizontal | 296         | 1.50       | -        |
| 5825MHz                        | Pass   | PK   | 5.5454G   | 60.14          | 68.20          | -8.06       | 3        | Horizontal | 296         | 1.50       | -        |
| 5825MHz                        | Pass   | PK   | 5.8262G   | 119.17         | Inf            | -Inf        | 3        | Horizontal | 296         | 1.50       | -        |
| 5825MHz                        | Pass   | PK   | 5.951G    | 61.09          | 68.20          | -7.11       | 3        | Horizontal | 296         | 1.50       | -        |
| 5825MHz                        | Pass   | AV   | 11.64998G | 51.49          | 54.00          | -2.51       | 3        | Vertical   | 341         | 1.26       | -        |
| 5825MHz                        | Pass   | PK   | 11.64981G | 62.12          | 74.00          | -11.88      | 3        | Vertical   | 341         | 1.26       | -        |
| 5825MHz                        | Pass   | AV   | 11.64992G | 48.33          | 54.00          | -5.67       | 3        | Horizontal | 349         | 2.01       | -        |
| 5825MHz                        | Pass   | PK   | 11.64976G | 61.33          | 74.00          | -12.67      | 3        | Horizontal | 349         | 2.01       | -        |
| 802.11ax HEW40_Nss1,(MCS0)_4TX | -      | -    | -         | -              | -              | -           | -        | -          | -           | -          | -        |
| 5190MHz                        | Pass   | AV   | 5.1462G   | 53.88          | 54.00          | -0.12       | 3        | Vertical   | 154         | 1.50       | -        |
| 5190MHz                        | Pass   | AV   | 5.1864G   | 104.62         | Inf            | -Inf        | 3        | Vertical   | 154         | 1.50       | -        |
| 5190MHz                        | Pass   | PK   | 5.1468G   | 63.42          | 74.00          | -10.58      | 3        | Vertical   | 154         | 1.50       | -        |

Remark :

Page No. : E7 of E129

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA( Preamp Factor)

9N1813-01



## RSE TX above 1GHz\_Non-Beamforming

## Appendix E.2

| Mode                           | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|----------|
| 5190MHz                        | Pass   | PK   | 5.1852G      | 114.10            | Inf               | -Inf           | 3           | Vertical   | 154            | 1.50          | -        |
| 5190MHz                        | Pass   | AV   | 5.1498G      | 48.63             | 54.00             | -5.37          | 3           | Horizontal | 39             | 1.50          | -        |
| 5190MHz                        | Pass   | AV   | 5.1918G      | 92.58             | Inf               | -Inf           | 3           | Horizontal | 39             | 1.50          | -        |
| 5190MHz                        | Pass   | PK   | 5.1276G      | 61.92             | 74.00             | -12.08         | 3           | Horizontal | 39             | 1.50          | -        |
| 5190MHz                        | Pass   | PK   | 5.1912G      | 104.38            | Inf               | -Inf           | 3           | Horizontal | 39             | 1.50          | -        |
| 5190MHz                        | Pass   | PK   | 10.38017G    | 60.53             | 68.20             | -7.67          | 3           | Vertical   | 314            | 2.28          | -        |
| 5190MHz                        | Pass   | PK   | 10.38036G    | 60.23             | 68.20             | -7.97          | 3           | Horizontal | 44             | 2.69          | -        |
| 5230MHz                        | Pass   | AV   | 5.1424G      | 53.17             | 54.00             | -0.83          | 3           | Vertical   | 18             | 1.50          | -        |
| 5230MHz                        | Pass   | AV   | 5.2216G      | 108.78            | Inf               | -Inf           | 3           | Vertical   | 18             | 1.50          | -        |
| 5230MHz                        | Pass   | AV   | 5.3608G      | 47.67             | 54.00             | -6.33          | 3           | Vertical   | 18             | 1.50          | -        |
| 5230MHz                        | Pass   | PK   | 5.1424G      | 66.81             | 74.00             | -7.19          | 3           | Vertical   | 18             | 1.50          | -        |
| 5230MHz                        | Pass   | PK   | 5.2414G      | 120.53            | Inf               | -Inf           | 3           | Vertical   | 18             | 1.50          | -        |
| 5230MHz                        | Pass   | PK   | 5.3506G      | 60.07             | 74.00             | -13.93         | 3           | Vertical   | 18             | 1.50          | -        |
| 5230MHz                        | Pass   | AV   | 5.1352G      | 48.64             | 54.00             | -5.36          | 3           | Horizontal | 299            | 2.28          | -        |
| 5230MHz                        | Pass   | AV   | 5.2354G      | 101.64            | Inf               | -Inf           | 3           | Horizontal | 299            | 2.28          | -        |
| 5230MHz                        | Pass   | AV   | 5.3554G      | 46.66             | 54.00             | -7.34          | 3           | Horizontal | 299            | 2.28          | -        |
| 5230MHz                        | Pass   | PK   | 5.0956G      | 61.59             | 74.00             | -12.41         | 3           | Horizontal | 299            | 2.28          | -        |
| 5230MHz                        | Pass   | PK   | 5.2162G      | 113.02            | Inf               | -Inf           | 3           | Horizontal | 299            | 2.28          | -        |
| 5230MHz                        | Pass   | PK   | 5.356G       | 59.80             | 74.00             | -14.20         | 3           | Horizontal | 299            | 2.28          | -        |
| 5230MHz                        | Pass   | PK   | 10.45997G    | 60.76             | 68.20             | -7.44          | 3           | Vertical   | 307            | 2.24          | -        |
| 5230MHz                        | Pass   | PK   | 10.46036G    | 60.10             | 68.20             | -8.10          | 3           | Horizontal | 199            | 1.49          | -        |
| 5755MHz                        | Pass   | AV   | 5.7454G      | 112.93            | Inf               | -Inf           | 3           | Vertical   | 313            | 1.50          | -        |
| 5755MHz                        | Pass   | PK   | 5.6482G      | 67.77             | 68.20             | -0.43          | 3           | Vertical   | 313            | 1.50          | -        |
| 5755MHz                        | Pass   | PK   | 5.7454G      | 124.81            | Inf               | -Inf           | 3           | Vertical   | 313            | 1.50          | -        |
| 5755MHz                        | Pass   | PK   | 5.9386G      | 61.04             | 68.20             | -7.16          | 3           | Vertical   | 313            | 1.50          | -        |
| 5755MHz                        | Pass   | AV   | 5.7562G      | 103.62            | Inf               | -Inf           | 3           | Horizontal | 294            | 1.50          | -        |
| 5755MHz                        | Pass   | PK   | 5.6494G      | 61.01             | 68.20             | -7.19          | 3           | Horizontal | 294            | 1.50          | -        |
| 5755MHz                        | Pass   | PK   | 5.7562G      | 115.35            | Inf               | -Inf           | 3           | Horizontal | 294            | 1.50          | -        |
| 5755MHz                        | Pass   | PK   | 5.9338G      | 61.27             | 68.20             | -6.93          | 3           | Horizontal | 294            | 1.50          | -        |
| 5755MHz                        | Pass   | AV   | 11.51009G    | 50.33             | 54.00             | -3.67          | 3           | Vertical   | 345            | 1.24          | -        |
| 5755MHz                        | Pass   | PK   | 11.50987G    | 61.94             | 74.00             | -12.06         | 3           | Vertical   | 345            | 1.24          | -        |
| 5755MHz                        | Pass   | AV   | 11.51008G    | 47.90             | 54.00             | -6.10          | 3           | Horizontal | 351            | 1.97          | -        |
| 5755MHz                        | Pass   | PK   | 11.50999G    | 61.47             | 74.00             | -12.53         | 3           | Horizontal | 351            | 1.97          | -        |
| 5795MHz                        | Pass   | AV   | 5.789G       | 114.16            | Inf               | -Inf           | 3           | Vertical   | 318            | 2.17          | -        |
| 5795MHz                        | Pass   | PK   | 5.6498G      | 62.36             | 68.20             | -5.84          | 3           | Vertical   | 318            | 2.17          | -        |
| 5795MHz                        | Pass   | PK   | 5.7902G      | 126.14            | Inf               | -Inf           | 3           | Vertical   | 318            | 2.17          | -        |
| 5795MHz                        | Pass   | PK   | 5.9282G      | 67.55             | 68.20             | -0.65          | 3           | Vertical   | 318            | 2.17          | -        |
| 5795MHz                        | Pass   | AV   | 5.7986G      | 102.57            | Inf               | -Inf           | 3           | Horizontal | 296            | 1.50          | -        |
| 5795MHz                        | Pass   | PK   | 5.6066G      | 60.05             | 68.20             | -8.15          | 3           | Horizontal | 296            | 1.50          | -        |
| 5795MHz                        | Pass   | PK   | 5.7986G      | 113.78            | Inf               | -Inf           | 3           | Horizontal | 296            | 1.50          | -        |
| 5795MHz                        | Pass   | PK   | 5.9402G      | 61.21             | 68.20             | -6.99          | 3           | Horizontal | 296            | 1.50          | -        |
| 5795MHz                        | Pass   | AV   | 11.59012G    | 50.29             | 54.00             | -3.71          | 3           | Vertical   | 341            | 1.36          | -        |
| 5795MHz                        | Pass   | PK   | 11.59008G    | 61.71             | 74.00             | -12.29         | 3           | Vertical   | 341            | 1.36          | -        |
| 5795MHz                        | Pass   | AV   | 11.59012G    | 48.12             | 54.00             | -5.88          | 3           | Horizontal | 355            | 1.87          | -        |
| 5795MHz                        | Pass   | PK   | 11.59012G    | 60.80             | 74.00             | -13.20         | 3           | Horizontal | 355            | 1.87          | -        |
| 802.11ax HEW80_Nss1,(MCS0)_4TX | -      | -    | -            | -                 | -                 | -              | -           | -          | -              | -             | -        |
| 5210MHz                        | Pass   | AV   | 5.142G       | 53.72             | 54.00             | -0.28          | 3           | Vertical   | 253            | 1.50          | -        |
| 5210MHz                        | Pass   | AV   | 5.203G       | 100.53            | Inf               | -Inf           | 3           | Vertical   | 253            | 1.50          | -        |
| 5210MHz                        | Pass   | AV   | 5.452G       | 46.78             | 54.00             | -7.22          | 3           | Vertical   | 253            | 1.50          | -        |

Remark :

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Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA( Preamp Factor)

9N1813-01





## RSE TX above 1GHz\_Non-Beamforming

## Appendix E.2

| Mode    | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|---------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|----------|
| 5210MHz | Pass   | PK   | 5.141G       | 63.86             | 74.00             | -10.14         | 3           | Vertical   | 253            | 1.50          | -        |
| 5210MHz | Pass   | PK   | 5.182G       | 109.19            | Inf               | -Inf           | 3           | Vertical   | 253            | 1.50          | -        |
| 5210MHz | Pass   | PK   | 5.428G       | 57.52             | 74.00             | -16.48         | 3           | Vertical   | 253            | 1.50          | -        |
| 5210MHz | Pass   | AV   | 5.135G       | 48.49             | 54.00             | -5.51          | 3           | Horizontal | 34             | 1.00          | -        |
| 5210MHz | Pass   | AV   | 5.215G       | 93.00             | Inf               | -Inf           | 3           | Horizontal | 34             | 1.00          | -        |
| 5210MHz | Pass   | AV   | 5.46G        | 46.02             | 54.00             | -7.98          | 3           | Horizontal | 34             | 1.00          | -        |
| 5210MHz | Pass   | PK   | 5.115G       | 60.77             | 74.00             | -13.23         | 3           | Horizontal | 34             | 1.00          | -        |
| 5210MHz | Pass   | PK   | 5.214G       | 105.16            | Inf               | -Inf           | 3           | Horizontal | 34             | 1.00          | -        |
| 5210MHz | Pass   | PK   | 5.392G       | 58.92             | 74.00             | -15.08         | 3           | Horizontal | 34             | 1.00          | -        |
| 5210MHz | Pass   | PK   | 10.40686G    | 60.13             | 68.20             | -8.07          | 3           | Vertical   | 43             | 2.36          | -        |
| 5210MHz | Pass   | PK   | 10.4266G     | 59.97             | 68.20             | -8.23          | 3           | Horizontal | 11             | 1.50          | -        |
| 5775MHz | Pass   | AV   | 5.7654G      | 108.54            | Inf               | -Inf           | 3           | Vertical   | 55             | 1.78          | -        |
| 5775MHz | Pass   | PK   | 5.6466G      | 67.86             | 68.20             | -0.34          | 3           | Vertical   | 55             | 1.78          | -        |
| 5775MHz | Pass   | PK   | 5.7462G      | 118.87            | Inf               | -Inf           | 3           | Vertical   | 55             | 1.78          | -        |
| 5775MHz | Pass   | PK   | 5.943G       | 64.49             | 68.20             | -3.71          | 3           | Vertical   | 55             | 1.78          | -        |
| 5775MHz | Pass   | AV   | 5.7762G      | 95.55             | Inf               | -Inf           | 3           | Horizontal | 34             | 1.49          | -        |
| 5775MHz | Pass   | PK   | 5.613G       | 59.76             | 68.20             | -8.44          | 3           | Horizontal | 34             | 1.49          | -        |
| 5775MHz | Pass   | PK   | 5.7546G      | 107.08            | Inf               | -Inf           | 3           | Horizontal | 34             | 1.49          | -        |
| 5775MHz | Pass   | PK   | 5.9586G      | 60.30             | 68.20             | -7.90          | 3           | Horizontal | 34             | 1.49          | -        |
| 5775MHz | Pass   | AV   | 11.54989G    | 49.90             | 54.00             | -4.10          | 3           | Vertical   | 78             | 1.49          | -        |
| 5775MHz | Pass   | PK   | 11.54982G    | 61.10             | 74.00             | -12.90         | 3           | Vertical   | 78             | 1.49          | -        |
| 5775MHz | Pass   | AV   | 11.55009G    | 47.73             | 54.00             | -6.27          | 3           | Horizontal | 87             | 1.41          | -        |
| 5775MHz | Pass   | PK   | 11.55023G    | 61.00             | 74.00             | -13.00         | 3           | Horizontal | 87             | 1.41          | -        |

Remark :

Page No. : E9 of E129

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA( Preamp Factor)

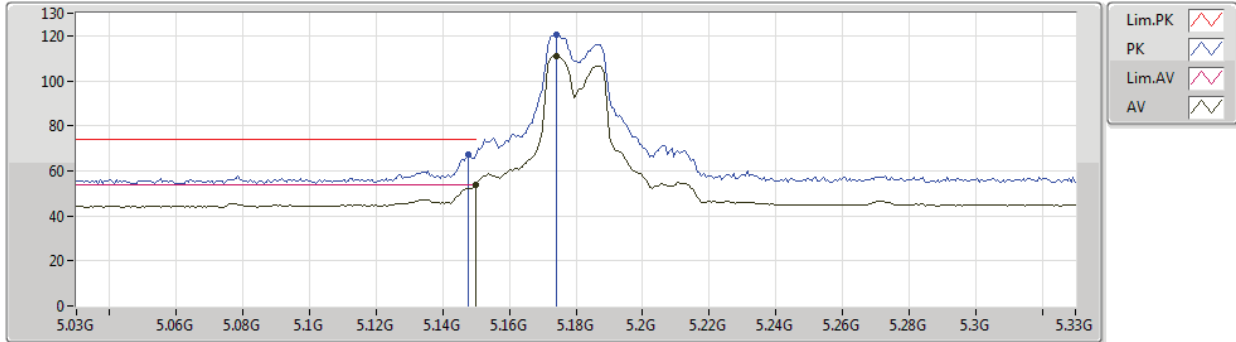
9N1813-01



802.11a\_Nss1,(6Mbps)\_4TX

30/08/2019

5180MHz\_TX



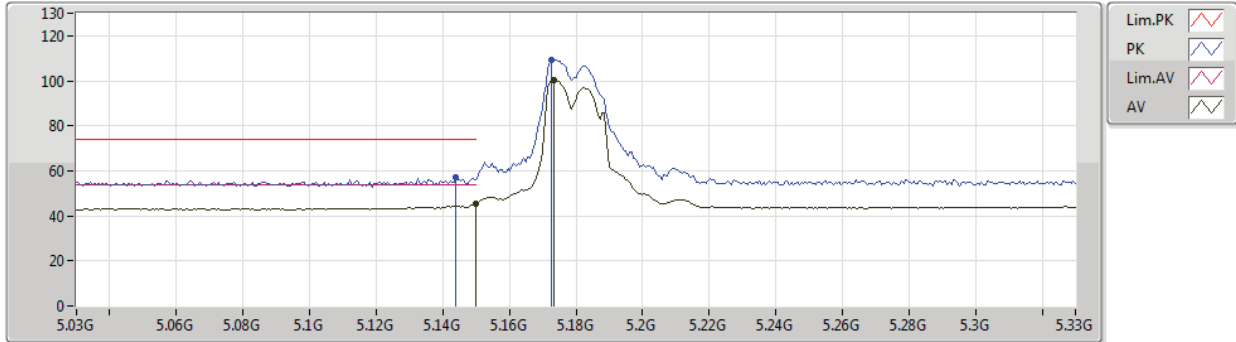
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.15G     | 53.70          | 54.00          | -0.30       | 4.37        | 3        | Vertical  | 232         | 1.59       | -       | 49.33      | 31.76   | 7.04    | 34.43   |
| AV   | 5.174G    | 110.88         | Inf            | -Inf        | 4.42        | 3        | Vertical  | 232         | 1.59       | -       | 106.46     | 31.77   | 7.07    | 34.42   |
| PK   | 5.1476G   | 67.45          | 74.00          | -6.55       | 4.36        | 3        | Vertical  | 232         | 1.59       | -       | 63.09      | 31.76   | 7.03    | 34.43   |
| PK   | 5.174G    | 120.64         | Inf            | -Inf        | 4.42        | 3        | Vertical  | 232         | 1.59       | -       | 116.22     | 31.77   | 7.07    | 34.42   |



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5180MHz\_TX



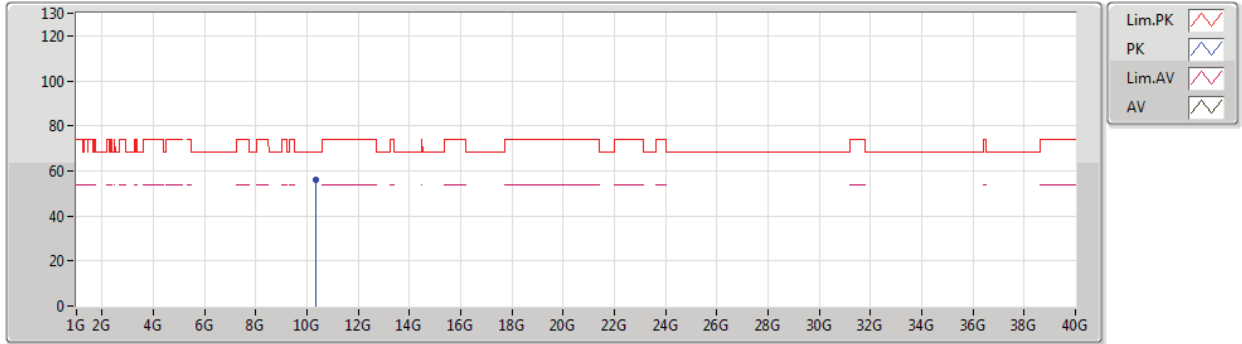
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.15G     | 45.64          | 54.00          | -8.36       | 4.37        | 3        | Horizontal | 144         | 1.50       | -       | 41.27      | 31.76   | 7.04    | 34.43   |
| AV   | 5.1734G   | 100.07         | Inf            | -Inf        | 4.42        | 3        | Horizontal | 144         | 1.50       | -       | 95.65      | 31.77   | 7.07    | 34.42   |
| PK   | 5.144G    | 57.00          | 74.00          | -17.00      | 4.36        | 3        | Horizontal | 144         | 1.50       | -       | 52.64      | 31.76   | 7.03    | 34.43   |
| PK   | 5.1728G   | 109.36         | Inf            | -Inf        | 4.42        | 3        | Horizontal | 144         | 1.50       | -       | 104.94     | 31.77   | 7.07    | 34.42   |



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5180MHz\_TX



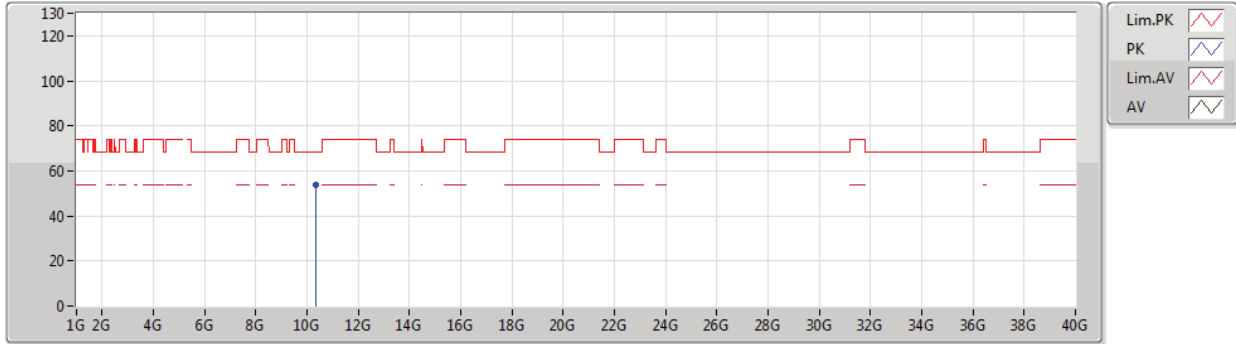
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| PK   | 10.36001G | 56.10          | 68.20          | -12.10      | 14.80       | 3        | Vertical  | 100         | 2.97       | -       | 41.30      | 39.37   | 10.33   | 34.90   |



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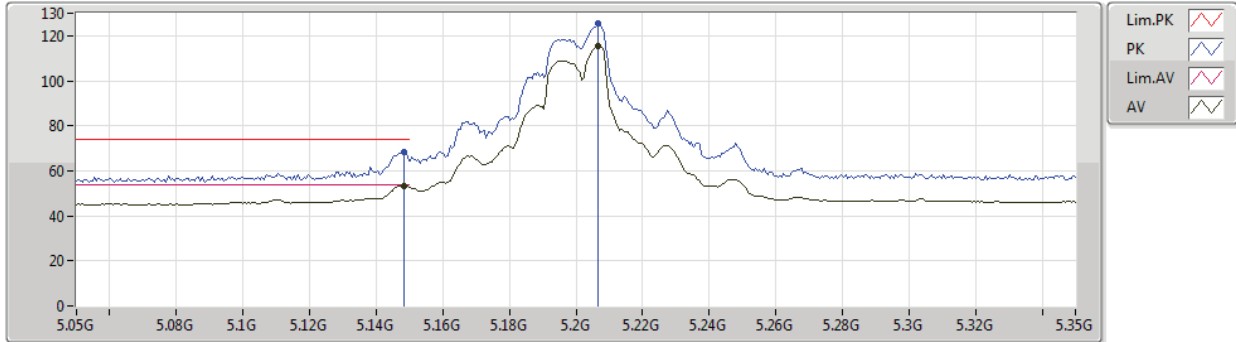
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|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| PK   | 10.3601G     | 53.64             | 68.20             | -14.56         | 14.80          | 3           | Horizontal | 215            | 1.42          | -       | 38.84         | 39.37      | 10.33      | 34.90      |



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5200MHz\_TX



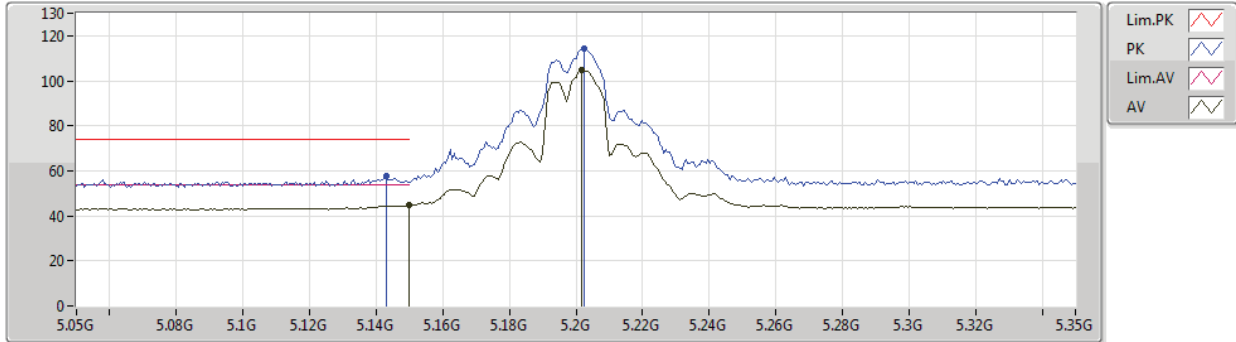
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|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.1484G   | 53.42          | 54.00          | -0.58       | 4.36        | 3        | Vertical  | 221         | 1.40       | -       | 49.06      | 31.76   | 7.03    | 34.43   |
| AV   | 5.2066G   | 115.25         | Inf            | -Inf        | 4.47        | 3        | Vertical  | 221         | 1.40       | -       | 110.78     | 31.78   | 7.11    | 34.42   |
| PK   | 5.1484G   | 68.32          | 74.00          | -5.68       | 4.36        | 3        | Vertical  | 221         | 1.40       | -       | 63.96      | 31.76   | 7.03    | 34.43   |
| PK   | 5.2066G   | 125.36         | Inf            | -Inf        | 4.47        | 3        | Vertical  | 221         | 1.40       | -       | 120.89     | 31.78   | 7.11    | 34.42   |



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5200MHz\_TX



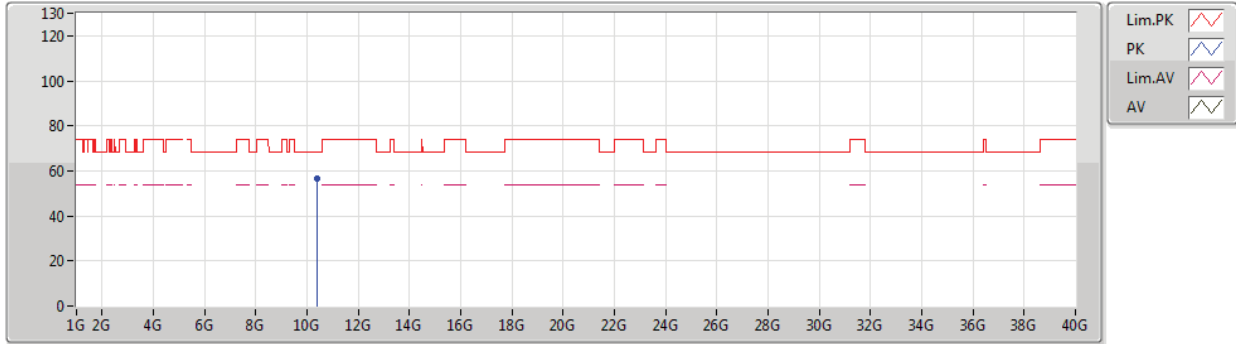
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.15G     | 44.62          | 54.00          | -9.38       | 4.37        | 3        | Horizontal | 144         | 1.32       | -       | 40.25      | 31.76   | 7.04    | 34.43   |
| AV   | 5.2018G   | 104.63         | Inf            | -Inf        | 4.46        | 3        | Horizontal | 144         | 1.32       | -       | 100.17     | 31.78   | 7.10    | 34.42   |
| PK   | 5.143G    | 57.66          | 74.00          | -16.34      | 4.36        | 3        | Horizontal | 144         | 1.32       | -       | 53.30      | 31.76   | 7.03    | 34.43   |
| PK   | 5.2024G   | 114.59         | Inf            | -Inf        | 4.46        | 3        | Horizontal | 144         | 1.32       | -       | 110.13     | 31.78   | 7.10    | 34.42   |



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| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| PK   | 10.40024G    | 56.83             | 68.20             | -11.37         | 14.89          | 3           | Vertical  | 106            | 2.94          | -       | 41.94         | 39.42      | 10.34      | 34.87      |

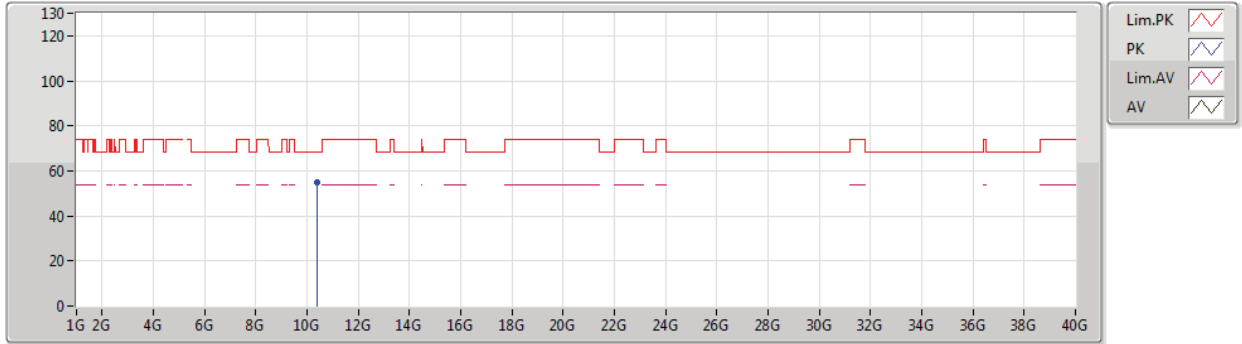




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5200MHz\_TX



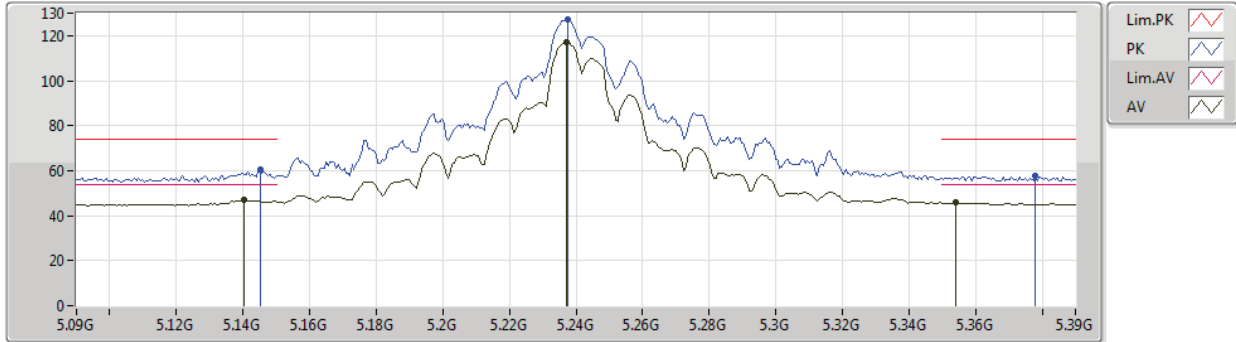
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|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| PK   | 10.39664G | 55.16          | 68.20          | -13.04      | 14.88       | 3        | Horizontal | 103         | 2.72       | -       | 40.28      | 39.42   | 10.33   | 34.87   |



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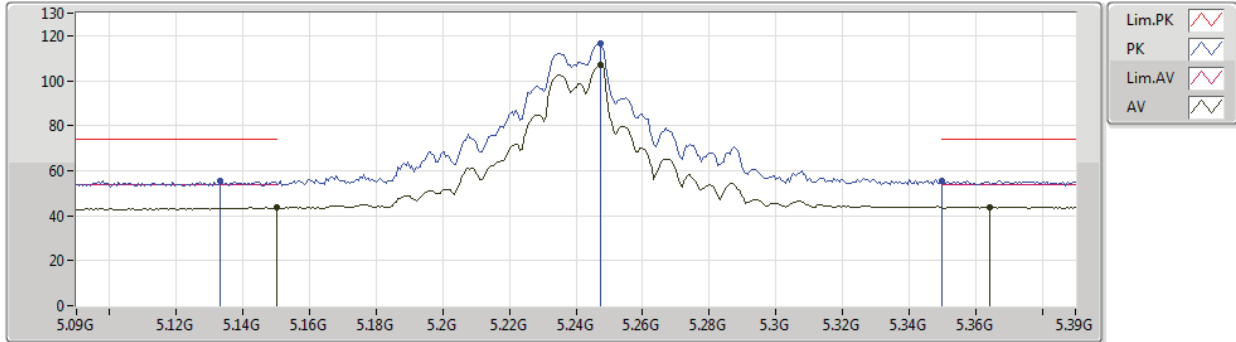
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|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.1404G   | 46.98          | 54.00          | -7.02       | 4.35        | 3        | Vertical  | 221         | 1.50       | -       | 42.63      | 31.76   | 7.02    | 34.43   |
| AV   | 5.237G    | 117.23         | Inf            | -Inf        | 4.52        | 3        | Vertical  | 221         | 1.50       | -       | 112.71     | 31.79   | 7.15    | 34.42   |
| AV   | 5.354G    | 45.70          | 54.00          | -8.30       | 4.72        | 3        | Vertical  | 221         | 1.50       | -       | 40.98      | 31.84   | 7.29    | 34.41   |
| PK   | 5.1452G   | 60.36          | 74.00          | -13.64      | 4.36        | 3        | Vertical  | 221         | 1.50       | -       | 56.00      | 31.76   | 7.03    | 34.43   |
| PK   | 5.2376G   | 127.07         | Inf            | -Inf        | 4.53        | 3        | Vertical  | 221         | 1.50       | -       | 122.54     | 31.80   | 7.15    | 34.42   |
| PK   | 5.378G    | 57.76          | 74.00          | -16.24      | 4.76        | 3        | Vertical  | 221         | 1.50       | -       | 53.00      | 31.85   | 7.32    | 34.41   |



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5240MHz\_TX



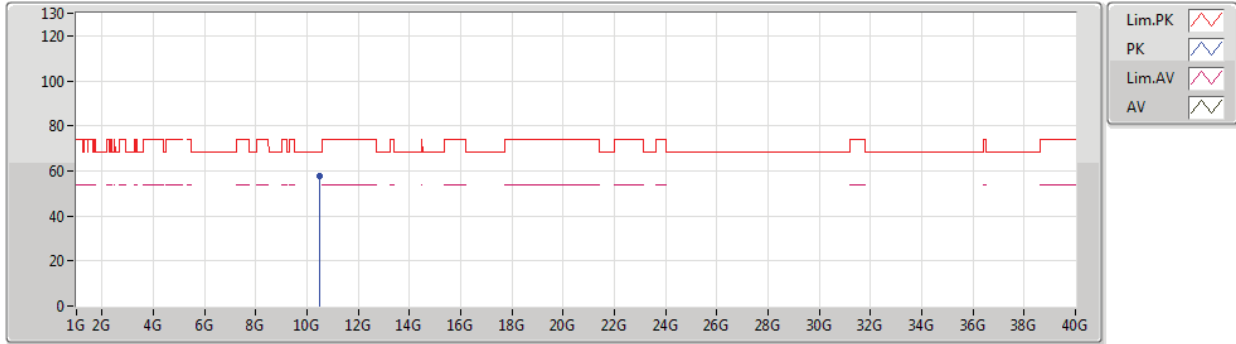
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.15G     | 43.57          | 54.00          | -10.43      | 4.37        | 3        | Horizontal | 79          | 1.70       | -       | 39.20      | 31.76   | 7.04    | 34.43   |
| AV   | 5.2472G   | 106.97         | Inf            | -Inf        | 4.54        | 3        | Horizontal | 79          | 1.70       | -       | 102.43     | 31.80   | 7.16    | 34.42   |
| AV   | 5.3642G   | 43.92          | 54.00          | -10.08      | 4.75        | 3        | Horizontal | 79          | 1.70       | -       | 39.17      | 31.85   | 7.31    | 34.41   |
| PK   | 5.1332G   | 55.33          | 74.00          | -18.67      | 4.34        | 3        | Horizontal | 79          | 1.70       | -       | 50.99      | 31.75   | 7.02    | 34.43   |
| PK   | 5.2472G   | 116.35         | Inf            | -Inf        | 4.54        | 3        | Horizontal | 79          | 1.70       | -       | 111.81     | 31.80   | 7.16    | 34.42   |
| PK   | 5.35G     | 55.35          | 74.00          | -18.65      | 4.72        | 3        | Horizontal | 79          | 1.70       | -       | 50.63      | 31.84   | 7.29    | 34.41   |



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5240MHz\_TX



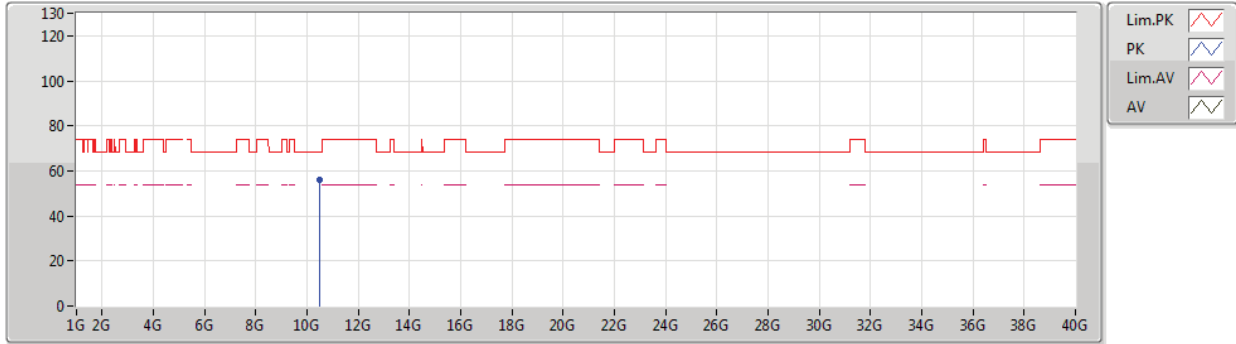
| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| PK   | 10.48G       | 57.48             | 68.20             | -10.72         | 15.07          | 3           | Vertical  | 107            | 2.97          | -       | 42.41         | 39.52      | 10.35      | 34.80      |



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30/08/2019

5240MHz\_TX



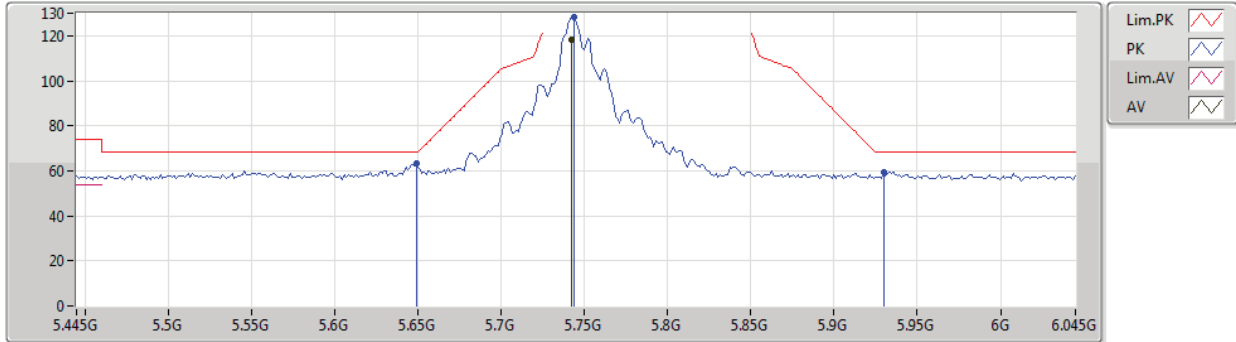
| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| PK   | 10.4737G     | 56.04             | 68.20             | -12.16         | 15.06          | 3           | Horizontal | 113            | 1.00          | -       | 40.98         | 39.52      | 10.35      | 34.81      |



802.11a\_Nss1,(6Mbps)\_4TX

30/08/2019

5745MHz\_TX



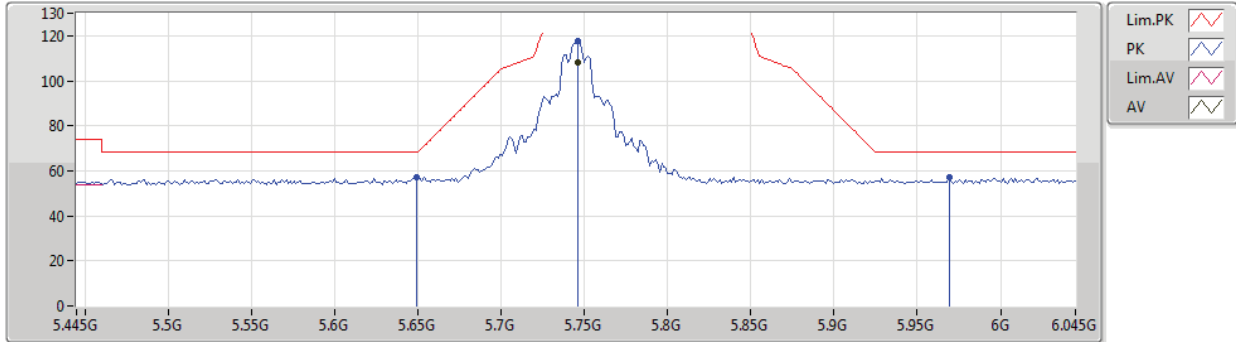
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.7426G   | 118.30         | Inf            | -Inf        | 5.41        | 3        | Vertical  | 70          | 2.11       | -       | 112.89     | 32.24   | 7.63    | 34.46   |
| PK   | 5.649G    | 63.31          | 68.20          | -4.89       | 5.24        | 3        | Vertical  | 70          | 2.11       | -       | 58.07      | 32.11   | 7.57    | 34.44   |
| PK   | 5.7438G   | 128.12         | Inf            | -Inf        | 5.41        | 3        | Vertical  | 70          | 2.11       | -       | 122.71     | 32.24   | 7.63    | 34.46   |
| PK   | 5.9298G   | 59.35          | 68.20          | -8.85       | 5.74        | 3        | Vertical  | 70          | 2.11       | -       | 53.61      | 32.50   | 7.75    | 34.51   |



802.11a\_Nss1,(6Mbps)\_4TX

30/08/2019

5745MHz\_TX



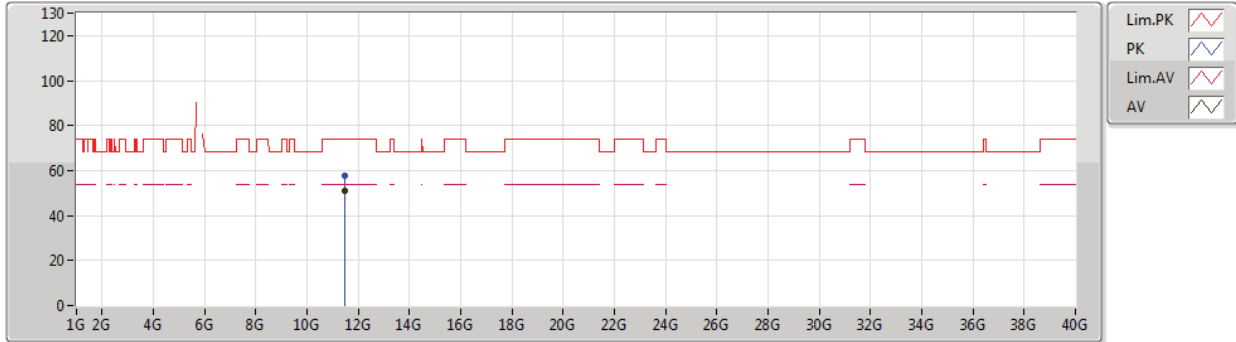
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.7462G   | 108.32         | Inf            | -Inf        | 5.41        | 3        | Horizontal | 44          | 2.11       | -       | 102.91     | 32.24   | 7.63    | 34.46   |
| PK   | 5.649G    | 57.33          | 68.20          | -10.87      | 5.24        | 3        | Horizontal | 44          | 2.11       | -       | 52.09      | 32.11   | 7.57    | 34.44   |
| PK   | 5.7462G   | 117.45         | Inf            | -Inf        | 5.41        | 3        | Horizontal | 44          | 2.11       | -       | 112.04     | 32.24   | 7.63    | 34.46   |
| PK   | 5.9694G   | 57.01          | 68.20          | -11.19      | 5.83        | 3        | Horizontal | 44          | 2.11       | -       | 51.18      | 32.56   | 7.78    | 34.51   |



802.11a\_Nss1,(6Mbps)\_4TX

30/08/2019

5745MHz\_TX



| Type | Freq (Hz)  | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|------------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.489999G | 51.27          | 54.00          | -2.73       | 15.79       | 3        | Vertical  | 93          | 1.56       | -       | 35.48      | 39.61   | 10.68   | 34.50   |
| PK   | 11.49G     | 57.67          | 74.00          | -16.33      | 15.79       | 3        | Vertical  | 93          | 1.56       | -       | 41.88      | 39.61   | 10.68   | 34.50   |

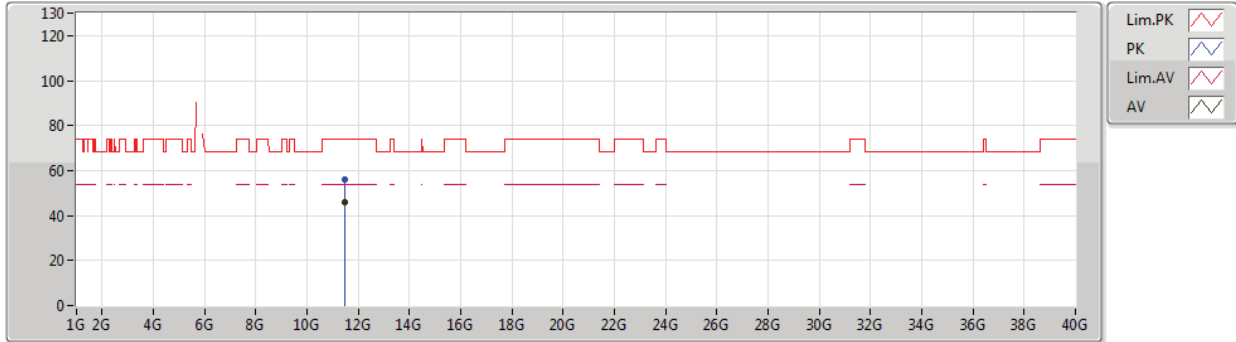




802.11a\_Nss1,(6Mbps)\_4TX

30/08/2019

5745MHz\_TX



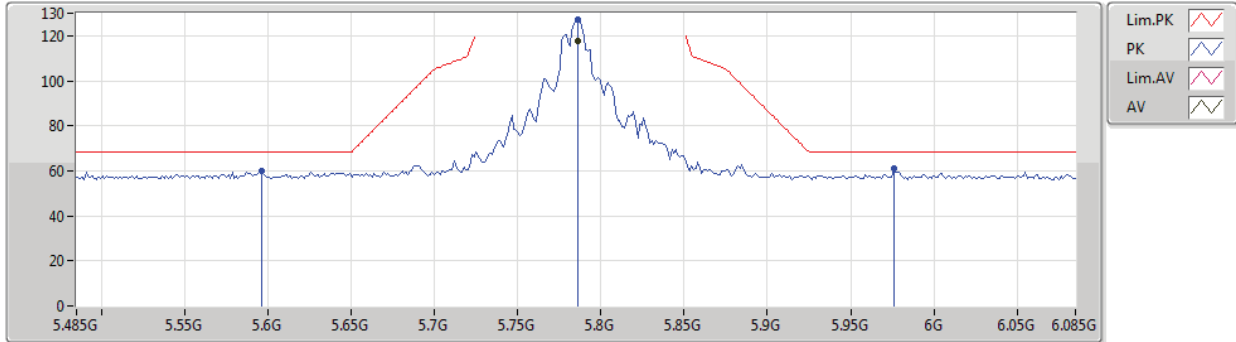
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.49002G | 46.09          | 54.00          | -7.91       | 15.79       | 3        | Horizontal | 102         | 1.95       | -       | 30.30      | 39.61   | 10.68   | 34.50   |
| PK   | 11.49004G | 55.98          | 74.00          | -18.02      | 15.79       | 3        | Horizontal | 102         | 1.95       | -       | 40.19      | 39.61   | 10.68   | 34.50   |



802.11a\_Nss1,(6Mbps)\_4TX

30/08/2019

5785MHz\_TX



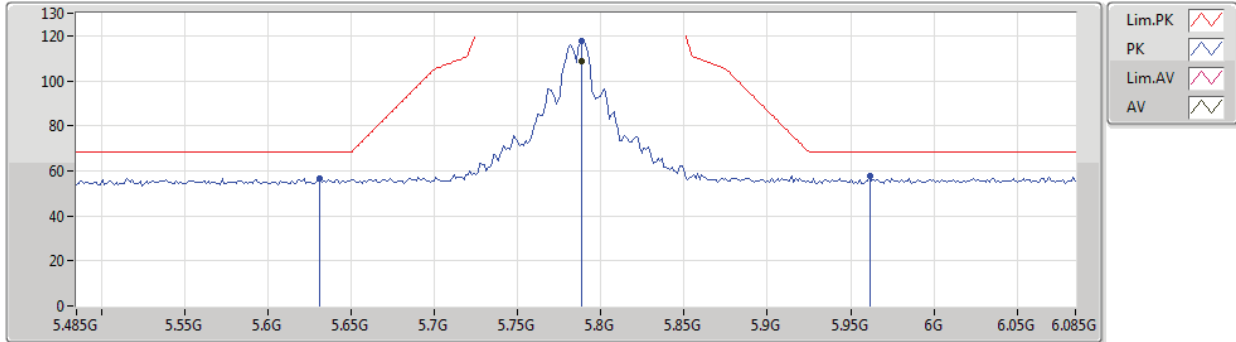
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.7862G   | 117.70         | Inf            | -Inf        | 5.48        | 3        | Vertical  | 71          | 1.69       | -       | 112.22     | 32.30   | 7.66    | 34.48   |
| PK   | 5.5966G   | 59.69          | 68.20          | -8.51       | 5.15        | 3        | Vertical  | 71          | 1.69       | -       | 54.54      | 32.04   | 7.54    | 34.43   |
| PK   | 5.7862G   | 126.96         | Inf            | -Inf        | 5.48        | 3        | Vertical  | 71          | 1.69       | -       | 121.48     | 32.30   | 7.66    | 34.48   |
| PK   | 5.9758G   | 60.91          | 68.20          | -7.29       | 5.83        | 3        | Vertical  | 71          | 1.69       | -       | 55.08      | 32.57   | 7.78    | 34.52   |



802.11a\_Nss1,(6Mbps)\_4TX

30/08/2019

5785MHz\_TX



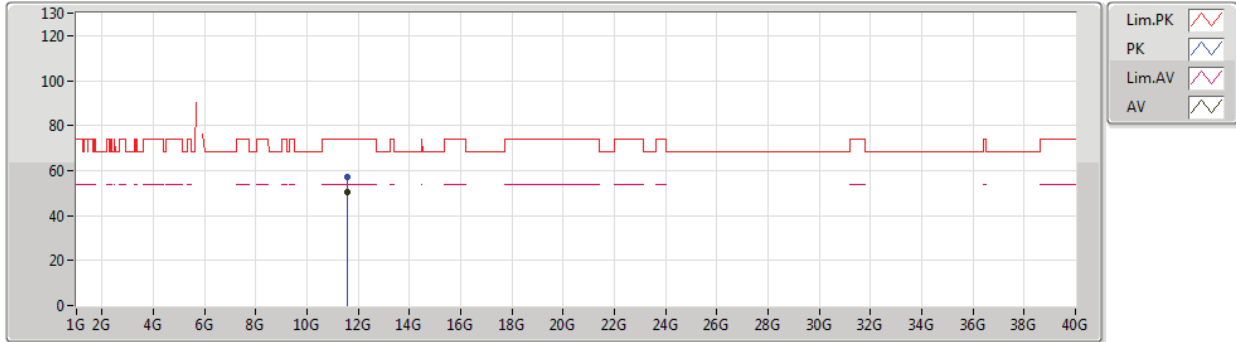
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.7886G   | 108.67         | Inf            | -Inf        | 5.48        | 3        | Horizontal | 50          | 1.50       | -       | 103.19     | 32.30   | 7.66    | 34.48   |
| PK   | 5.6314G   | 56.70          | 68.20          | -11.50      | 5.20        | 3        | Horizontal | 50          | 1.50       | -       | 51.50      | 32.08   | 7.56    | 34.44   |
| PK   | 5.7886G   | 117.85         | Inf            | -Inf        | 5.48        | 3        | Horizontal | 50          | 1.50       | -       | 112.37     | 32.30   | 7.66    | 34.48   |
| PK   | 5.9614G   | 57.49          | 68.20          | -10.71      | 5.81        | 3        | Horizontal | 50          | 1.50       | -       | 51.68      | 32.55   | 7.77    | 34.51   |



802.11a\_Nss1,(6Mbps)\_4TX

30/08/2019

5785MHz\_TX



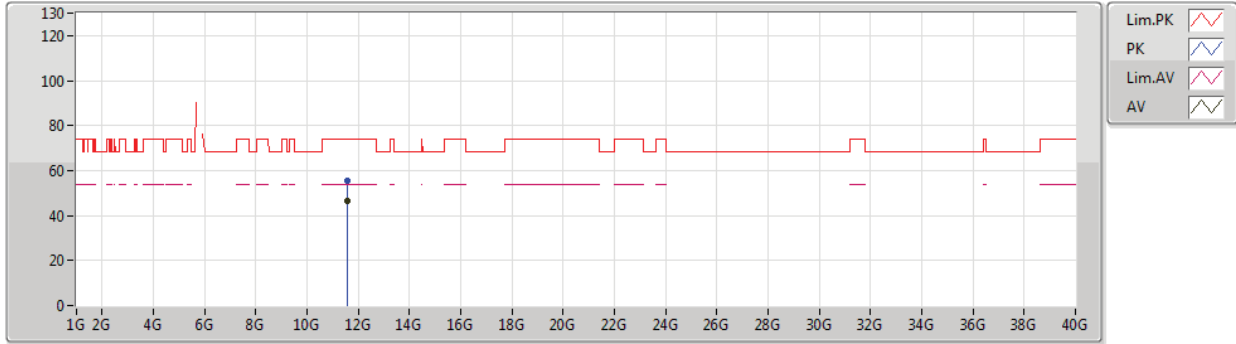
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.57005G | 50.69          | 54.00          | -3.31       | 15.72       | 3        | Vertical  | 92          | 1.59       | -       | 34.97      | 39.52   | 10.72   | 34.52   |
| PK   | 11.57G    | 57.23          | 74.00          | -16.77      | 15.72       | 3        | Vertical  | 92          | 1.59       | -       | 41.51      | 39.52   | 10.72   | 34.52   |



802.11a\_Nss1,(6Mbps)\_4TX

30/08/2019

5785MHz\_TX



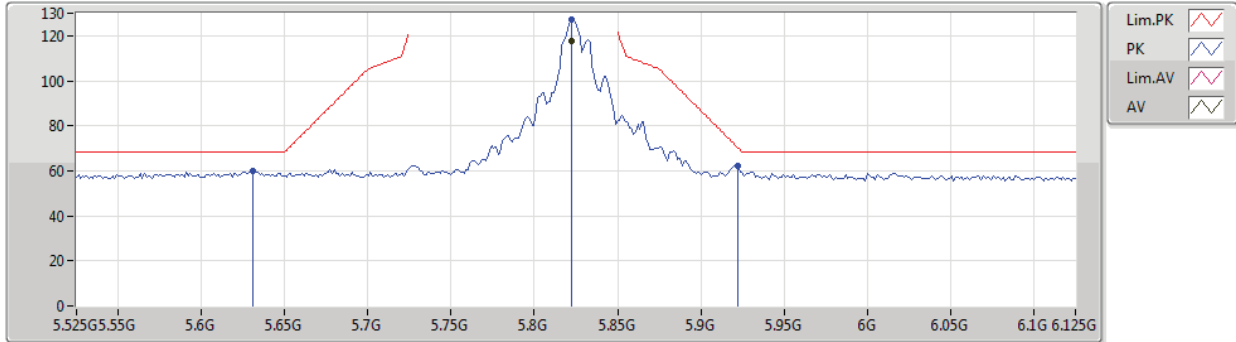
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.57011G | 46.74          | 54.00          | -7.26       | 15.72       | 3        | Horizontal | 103         | 1.69       | -       | 31.02      | 39.52   | 10.72   | 34.52   |
| PK   | 11.56986G | 55.63          | 74.00          | -18.37      | 15.72       | 3        | Horizontal | 103         | 1.69       | -       | 39.91      | 39.52   | 10.72   | 34.52   |



802.11a\_Nss1,(6Mbps)\_4TX

30/08/2019

5825MHz\_TX



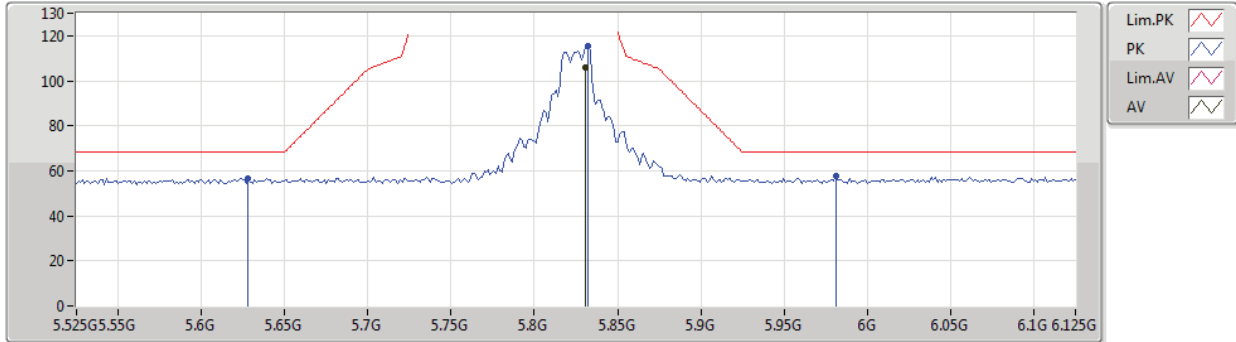
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.8226G   | 117.45         | Inf            | -Inf        | 5.55        | 3        | Vertical  | 72          | 2.15       | -       | 111.90     | 32.35   | 7.68    | 34.48   |
| PK   | 5.6306G   | 60.16          | 68.20          | -8.04       | 5.20        | 3        | Vertical  | 72          | 2.15       | -       | 54.96      | 32.08   | 7.56    | 34.44   |
| PK   | 5.8226G   | 126.95         | Inf            | -Inf        | 5.55        | 3        | Vertical  | 72          | 2.15       | -       | 121.40     | 32.35   | 7.68    | 34.48   |
| PK   | 5.9222G   | 62.12          | 70.27          | -8.15       | 5.74        | 3        | Vertical  | 72          | 2.15       | -       | 56.38      | 32.49   | 7.75    | 34.50   |



802.11a\_Nss1,(6Mbps)\_4TX

30/08/2019

5825MHz\_TX



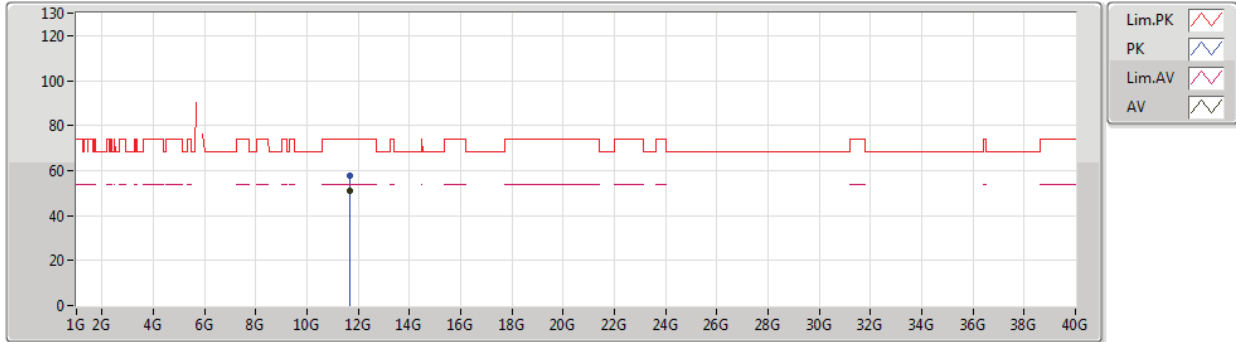
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.831G    | 105.82         | Inf            | -Inf        | 5.56        | 3        | Horizontal | 44          | 1.49       | -       | 100.26     | 32.36   | 7.69    | 34.49   |
| PK   | 5.6282G   | 56.56          | 68.20          | -11.64      | 5.20        | 3        | Horizontal | 44          | 1.49       | -       | 51.36      | 32.08   | 7.56    | 34.44   |
| PK   | 5.8322G   | 115.32         | Inf            | -Inf        | 5.57        | 3        | Horizontal | 44          | 1.49       | -       | 109.75     | 32.37   | 7.69    | 34.49   |
| PK   | 5.981G    | 57.67          | 68.20          | -10.53      | 5.84        | 3        | Horizontal | 44          | 1.49       | -       | 51.83      | 32.57   | 7.79    | 34.52   |



802.11a\_Nss1,(6Mbps)\_4TX

30/08/2019

5825MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.65007G | 51.11          | 54.00          | -2.89       | 15.63       | 3        | Vertical  | 91          | 1.49       | -       | 35.48      | 39.42   | 10.76   | 34.55   |
| PK   | 11.65003G | 57.87          | 74.00          | -16.13      | 15.63       | 3        | Vertical  | 91          | 1.49       | -       | 42.24      | 39.42   | 10.76   | 34.55   |

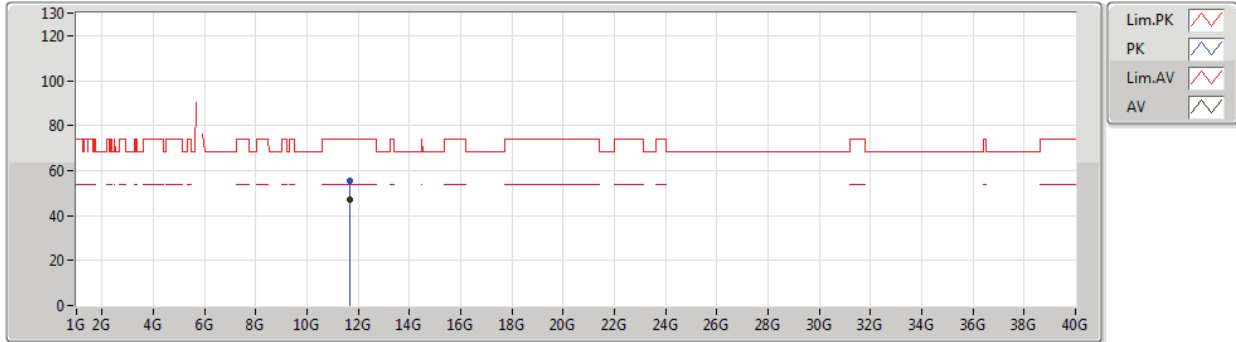




802.11a\_Nss1,(6Mbps)\_4TX

30/08/2019

5825MHz\_TX



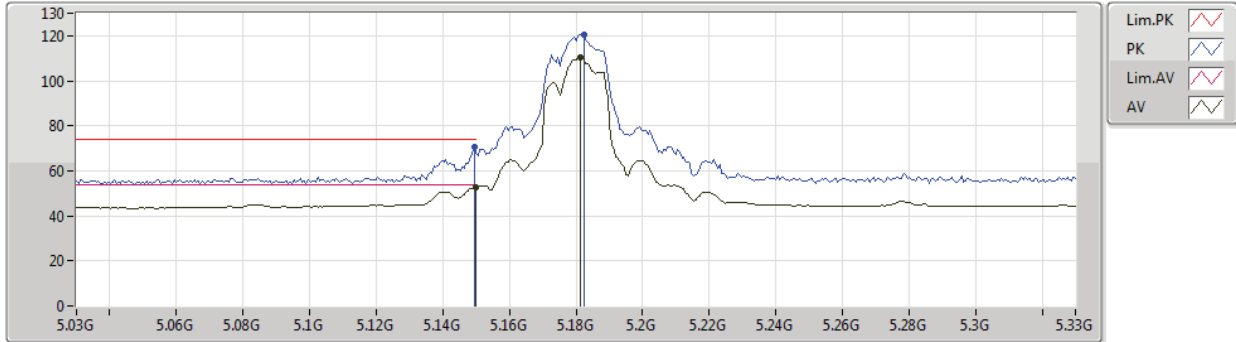
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.65001G | 47.29          | 54.00          | -6.71       | 15.63       | 3        | Horizontal | 103         | 1.68       | -       | 31.66      | 39.42   | 10.76   | 34.55   |
| PK   | 11.65013G | 55.44          | 74.00          | -18.56      | 15.63       | 3        | Horizontal | 103         | 1.68       | -       | 39.81      | 39.42   | 10.76   | 34.55   |



802.11ac VHT20\_Nss1,(MCS0)\_4TX

06/09/2019

5180MHz\_TX



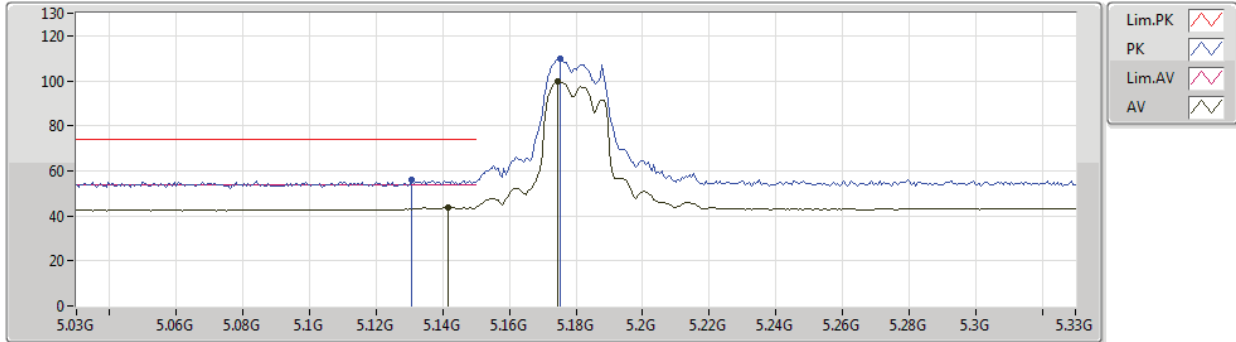
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.15G     | 52.91          | 54.00          | -1.09       | 4.37        | 3        | Vertical  | 218         | 1.46       | -       | 48.54      | 31.76   | 7.04    | 34.43   |
| AV   | 5.1812G   | 110.52         | Inf            | -Inf        | 4.43        | 3        | Vertical  | 218         | 1.46       | -       | 106.09     | 31.77   | 7.08    | 34.42   |
| PK   | 5.1494G   | 70.64          | 74.00          | -3.36       | 4.37        | 3        | Vertical  | 218         | 1.46       | -       | 66.27      | 31.76   | 7.04    | 34.43   |
| PK   | 5.1824G   | 120.56         | Inf            | -Inf        | 4.43        | 3        | Vertical  | 218         | 1.46       | -       | 116.13     | 31.77   | 7.08    | 34.42   |



802.11ac VHT20\_Nss1,(MCS0)\_4TX

06/09/2019

5180MHz\_TX



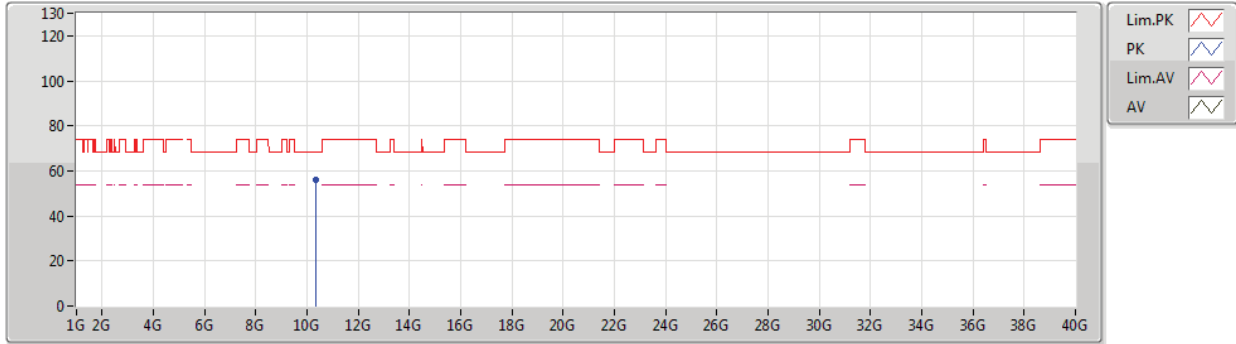
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.1416G   | 43.87          | 54.00          | -10.13      | 4.36        | 3        | Horizontal | 152         | 1.40       | -       | 39.51      | 31.76   | 7.03    | 34.43   |
| AV   | 5.1746G   | 99.90          | Inf            | -Inf        | 4.42        | 3        | Horizontal | 152         | 1.40       | -       | 95.48      | 31.77   | 7.07    | 34.42   |
| PK   | 5.1308G   | 56.11          | 74.00          | -17.89      | 4.33        | 3        | Horizontal | 152         | 1.40       | -       | 51.78      | 31.75   | 7.01    | 34.43   |
| PK   | 5.1752G   | 109.91         | Inf            | -Inf        | 4.42        | 3        | Horizontal | 152         | 1.40       | -       | 105.49     | 31.77   | 7.07    | 34.42   |



802.11ac VHT20\_Nss1,(MCS0)\_4TX

06/09/2019

5180MHz\_TX



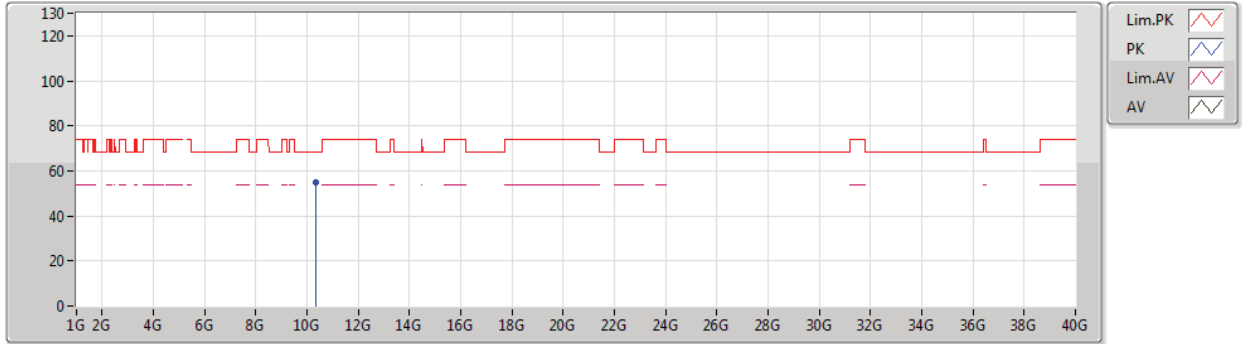
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| PK   | 10.35973G | 55.82          | 68.20          | -12.38      | 14.80       | 3        | Vertical  | 98          | 2.95       | -       | 41.02      | 39.37   | 10.33   | 34.90   |



802.11ac VHT20\_Nss1,(MCS0)\_4TX

06/09/2019

5180MHz\_TX



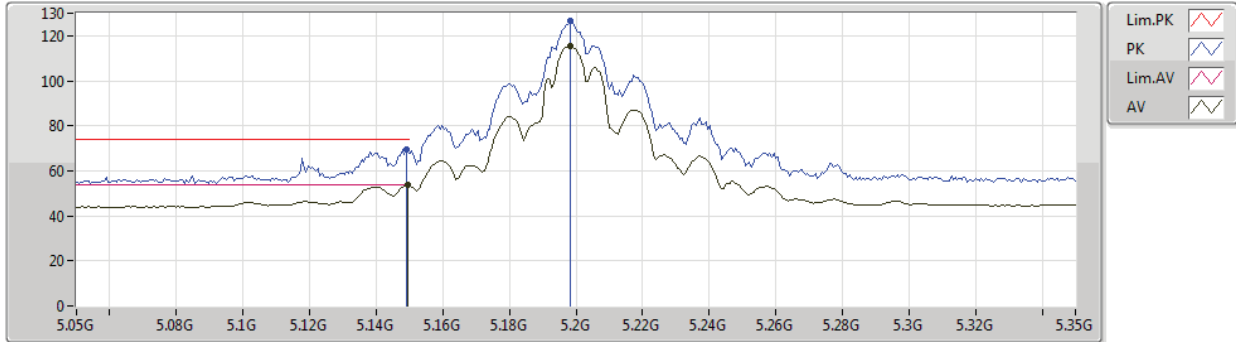
| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| PK   | 10.3598G     | 55.08             | 68.20             | -13.12         | 14.80          | 3           | Horizontal | 139            | 1.18          | -       | 40.28         | 39.37      | 10.33      | 34.90      |



802.11ac VHT20\_Nss1,(MCS0)\_4TX

06/09/2019

5200MHz\_TX



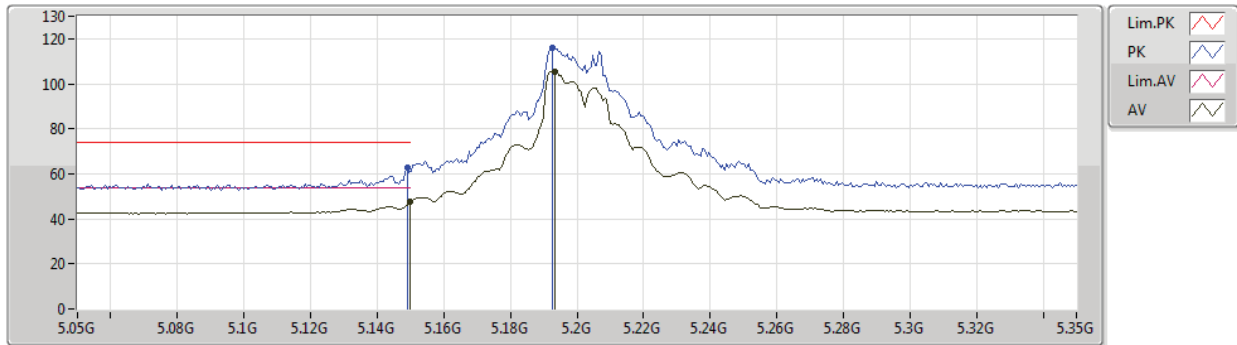
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.1496G   | 53.74          | 54.00          | -0.26       | 4.37        | 3        | Vertical  | 192         | 1.09       | -       | 49.37      | 31.76   | 7.04    | 34.43   |
| AV   | 5.1982G   | 115.55         | Inf            | -Inf        | 4.46        | 3        | Vertical  | 192         | 1.09       | -       | 111.09     | 31.78   | 7.10    | 34.42   |
| PK   | 5.149G    | 69.40          | 74.00          | -4.60       | 4.37        | 3        | Vertical  | 192         | 1.09       | -       | 65.03      | 31.76   | 7.04    | 34.43   |
| PK   | 5.1982G   | 126.43         | Inf            | -Inf        | 4.46        | 3        | Vertical  | 192         | 1.09       | -       | 121.97     | 31.78   | 7.10    | 34.42   |



802.11ac VHT20\_Nss1,(MCS0)\_4TX

06/09/2019

5200MHz\_TX



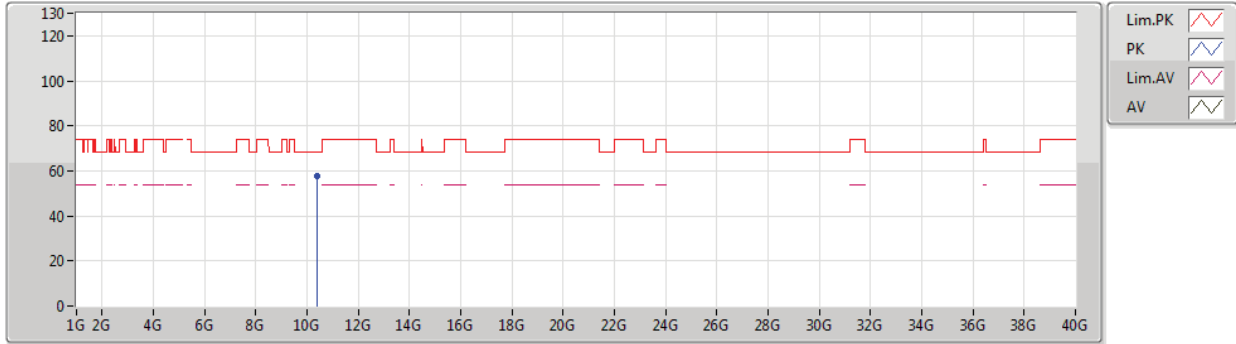
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.15G     | 47.67          | 54.00          | -6.33       | 4.37        | 3        | Horizontal | 69          | 2.20       | -       | 43.30      | 31.76   | 7.04    | 34.43   |
| AV   | 5.1934G   | 105.50         | Inf            | -Inf        | 4.45        | 3        | Horizontal | 69          | 2.20       | -       | 101.05     | 31.78   | 7.09    | 34.42   |
| PK   | 5.149G    | 62.54          | 74.00          | -11.46      | 4.37        | 3        | Horizontal | 69          | 2.20       | -       | 58.17      | 31.76   | 7.04    | 34.43   |
| PK   | 5.1928G   | 116.16         | Inf            | -Inf        | 4.45        | 3        | Horizontal | 69          | 2.20       | -       | 111.71     | 31.78   | 7.09    | 34.42   |



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| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| PK   | 10.40018G    | 57.94             | 68.20             | -10.26         | 14.89          | 3           | Vertical  | 98             | 3.00          | -       | 43.05         | 39.42      | 10.34      | 34.87      |

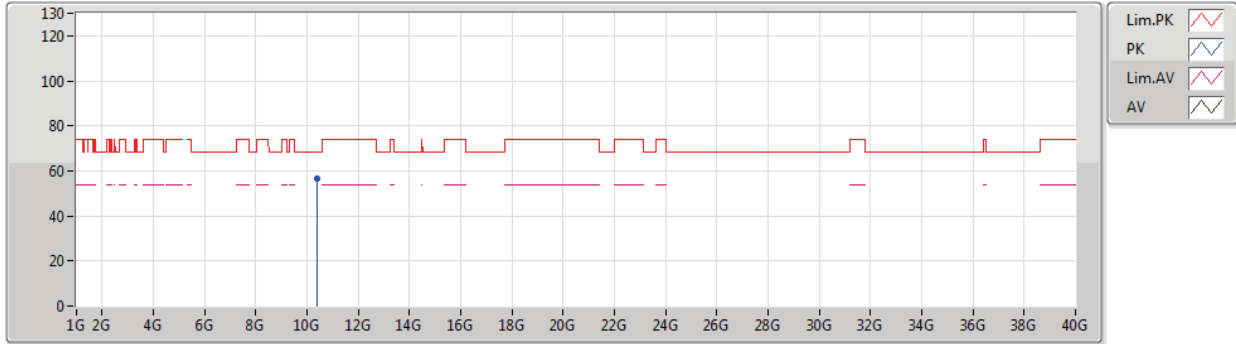




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5200MHz\_TX



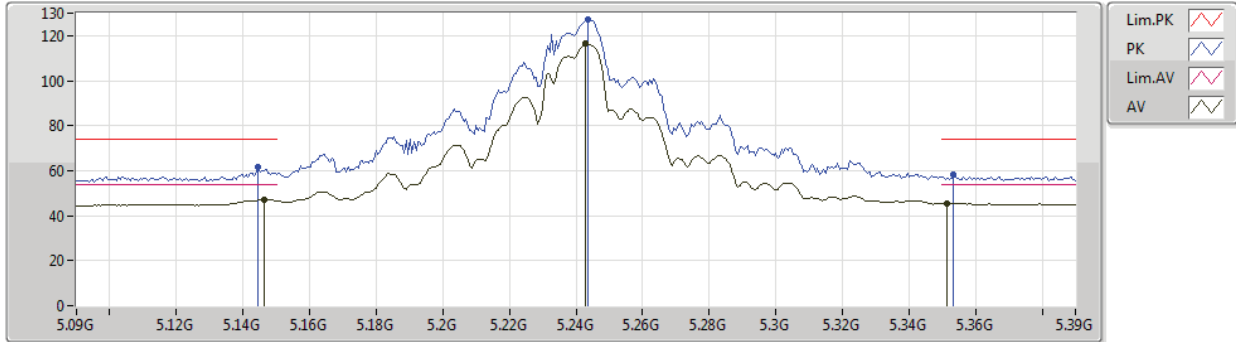
| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| PK   | 10.394G      | 56.37             | 68.20             | -11.83         | 14.87          | 3           | Horizontal | 104            | 1.00          | -       | 41.50         | 39.41      | 10.33      | 34.87      |



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5240MHz\_TX



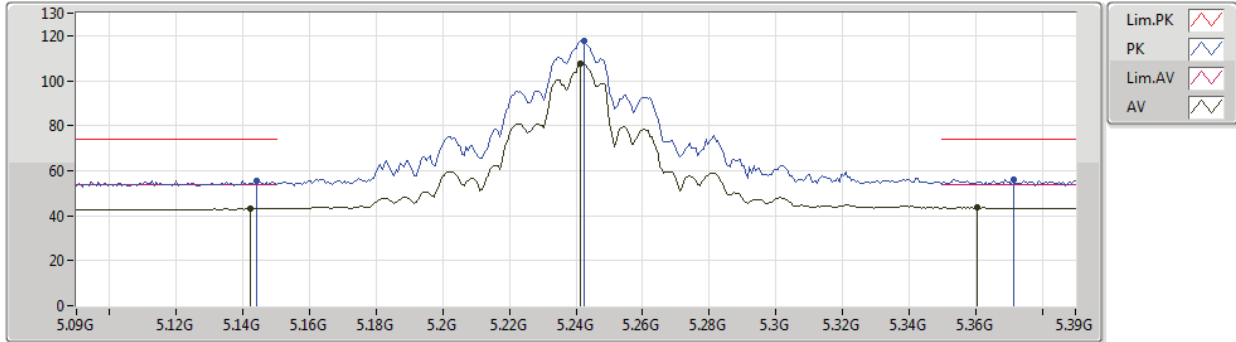
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.1464G   | 47.07          | 54.00          | -6.93       | 4.36        | 3        | Vertical  | 218         | 1.50       | -       | 42.71      | 31.76   | 7.03    | 34.43   |
| AV   | 5.243G    | 116.33         | Inf            | -Inf        | 4.53        | 3        | Vertical  | 218         | 1.50       | -       | 111.80     | 31.80   | 7.15    | 34.42   |
| AV   | 5.3516G   | 45.43          | 54.00          | -8.57       | 4.72        | 3        | Vertical  | 218         | 1.50       | -       | 40.71      | 31.84   | 7.29    | 34.41   |
| PK   | 5.1446G   | 61.83          | 74.00          | -12.17      | 4.36        | 3        | Vertical  | 218         | 1.50       | -       | 57.47      | 31.76   | 7.03    | 34.43   |
| PK   | 5.2436G   | 126.99         | Inf            | -Inf        | 4.53        | 3        | Vertical  | 218         | 1.50       | -       | 122.46     | 31.80   | 7.15    | 34.42   |
| PK   | 5.3534G   | 58.09          | 74.00          | -15.91      | 4.72        | 3        | Vertical  | 218         | 1.50       | -       | 53.37      | 31.84   | 7.29    | 34.41   |



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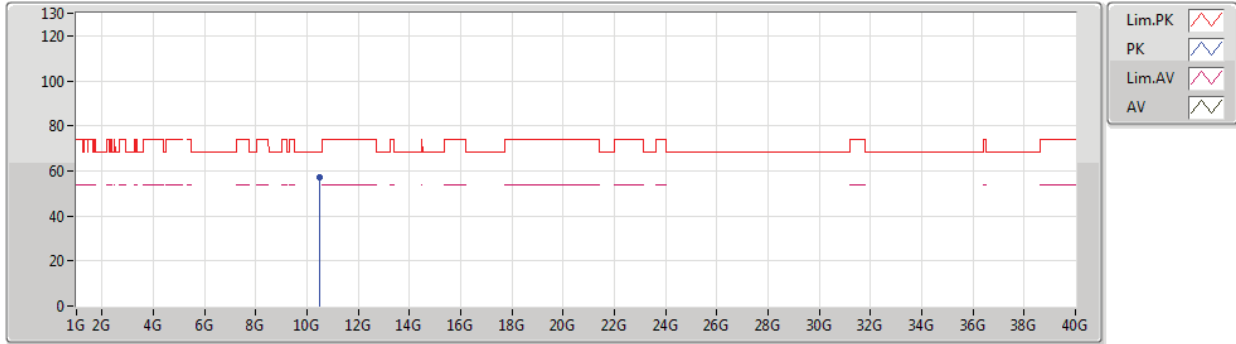
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.1422G   | 43.13          | 54.00          | -10.87      | 4.36        | 3        | Horizontal | 70          | 2.03       | -       | 38.77      | 31.76   | 7.03    | 34.43   |
| AV   | 5.2412G   | 107.78         | Inf            | -Inf        | 4.53        | 3        | Horizontal | 70          | 2.03       | -       | 103.25     | 31.80   | 7.15    | 34.42   |
| AV   | 5.3606G   | 43.65          | 54.00          | -10.35      | 4.73        | 3        | Horizontal | 70          | 2.03       | -       | 38.92      | 31.84   | 7.30    | 34.41   |
| PK   | 5.144G    | 55.68          | 74.00          | -18.32      | 4.36        | 3        | Horizontal | 70          | 2.03       | -       | 51.32      | 31.76   | 7.03    | 34.43   |
| PK   | 5.2424G   | 117.59         | Inf            | -Inf        | 4.53        | 3        | Horizontal | 70          | 2.03       | -       | 113.06     | 31.80   | 7.15    | 34.42   |
| PK   | 5.3714G   | 55.97          | 74.00          | -18.03      | 4.75        | 3        | Horizontal | 70          | 2.03       | -       | 51.22      | 31.85   | 7.31    | 34.41   |



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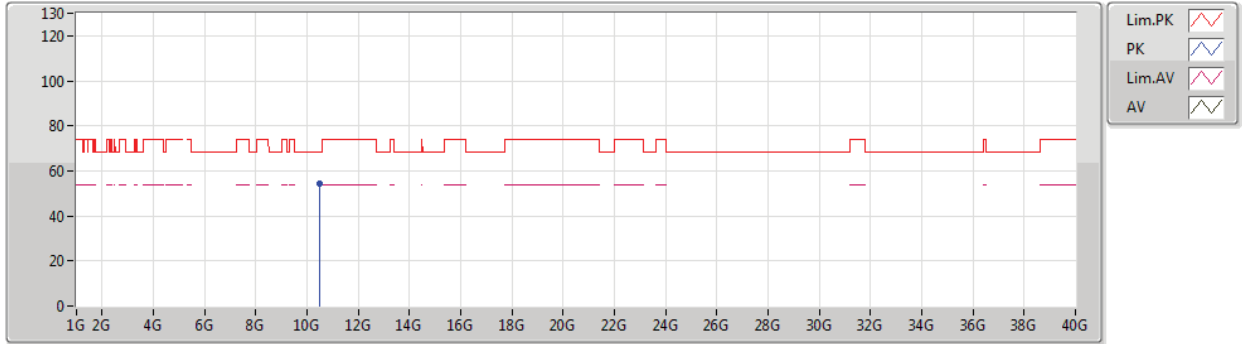
| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| PK   | 10.4806G     | 57.30             | 68.20             | -10.90         | 15.07          | 3           | Vertical  | 96             | 2.96          | -       | 42.23         | 39.52      | 10.35      | 34.80      |



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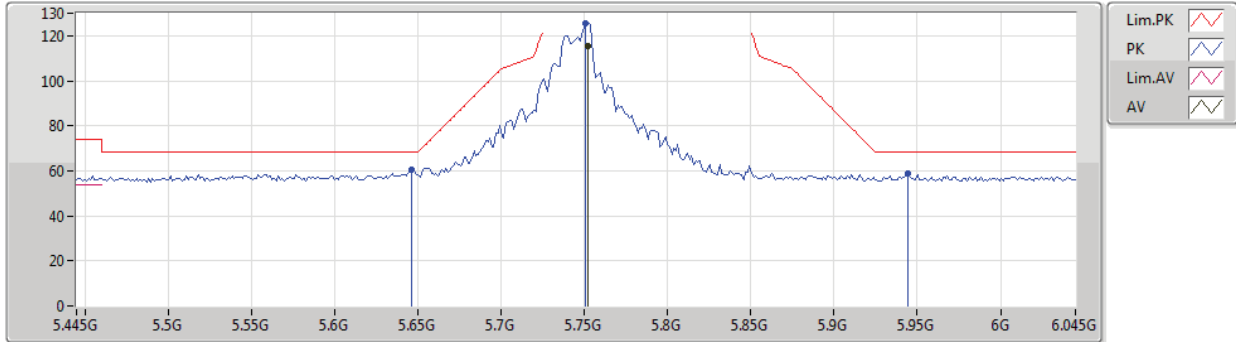
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| PK   | 10.47922G | 54.24          | 68.20          | -13.96      | 15.07       | 3        | Horizontal | 118         | 2.13       | -       | 39.17      | 39.52   | 10.35   | 34.80   |



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5745MHz\_TX



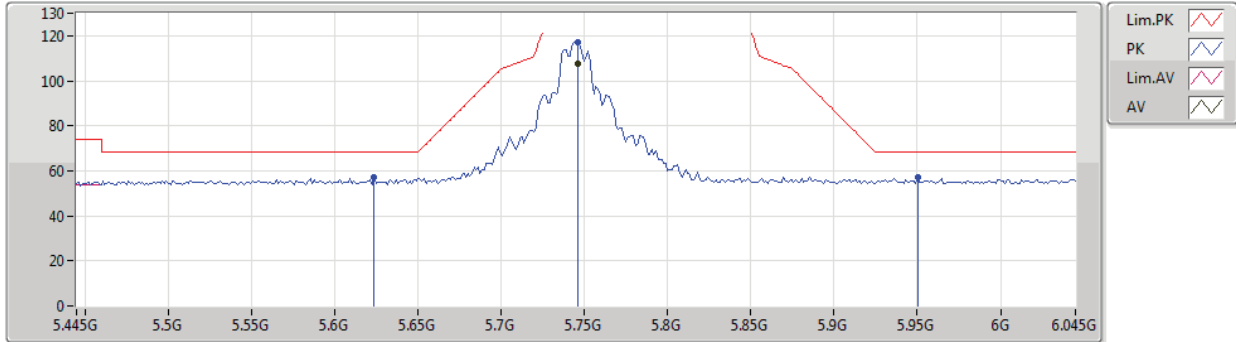
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.7522G   | 115.68         | Inf            | -Inf        | 5.42        | 3        | Vertical  | 185         | 1.55       | -       | 110.26     | 32.25   | 7.64    | 34.47   |
| PK   | 5.6466G   | 60.28          | 68.20          | -7.92       | 5.24        | 3        | Vertical  | 185         | 1.55       | -       | 55.04      | 32.11   | 7.57    | 34.44   |
| PK   | 5.751G    | 125.69         | Inf            | -Inf        | 5.42        | 3        | Vertical  | 185         | 1.55       | -       | 120.27     | 32.25   | 7.64    | 34.47   |
| PK   | 5.9442G   | 59.01          | 68.20          | -9.19       | 5.77        | 3        | Vertical  | 185         | 1.55       | -       | 53.24      | 32.52   | 7.76    | 34.51   |



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5745MHz\_TX



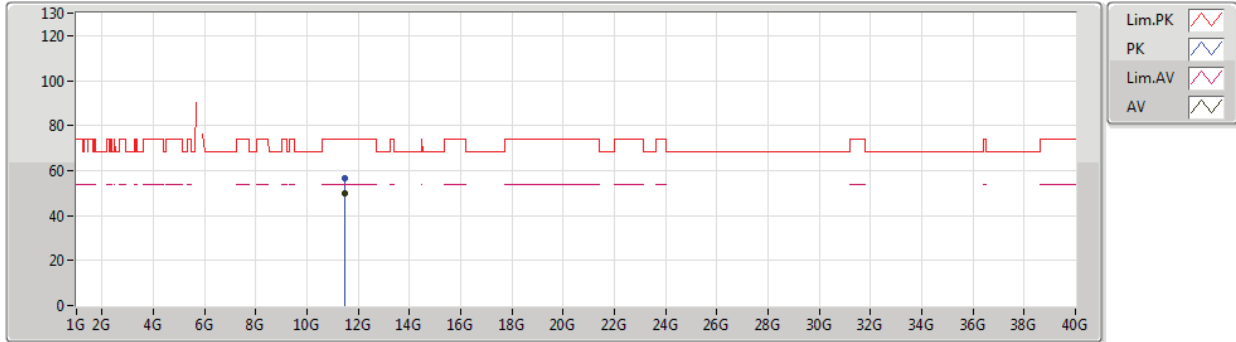
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.7462G   | 107.86         | Inf            | -Inf        | 5.41        | 3        | Horizontal | 36          | 1.44       | -       | 102.45     | 32.24   | 7.63    | 34.46   |
| PK   | 5.6238G   | 56.92          | 68.20          | -11.28      | 5.20        | 3        | Horizontal | 36          | 1.44       | -       | 51.72      | 32.07   | 7.56    | 34.43   |
| PK   | 5.7462G   | 117.33         | Inf            | -Inf        | 5.41        | 3        | Horizontal | 36          | 1.44       | -       | 111.92     | 32.24   | 7.63    | 34.46   |
| PK   | 5.9502G   | 57.12          | 68.20          | -11.08      | 5.79        | 3        | Horizontal | 36          | 1.44       | -       | 51.33      | 32.53   | 7.77    | 34.51   |



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| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.49G    | 49.90          | 54.00          | -4.10       | 15.79       | 3        | Vertical  | 86          | 1.53       | -       | 34.11      | 39.61   | 10.68   | 34.50   |
| PK   | 11.48993G | 56.77          | 74.00          | -17.23      | 15.79       | 3        | Vertical  | 86          | 1.53       | -       | 40.98      | 39.61   | 10.68   | 34.50   |

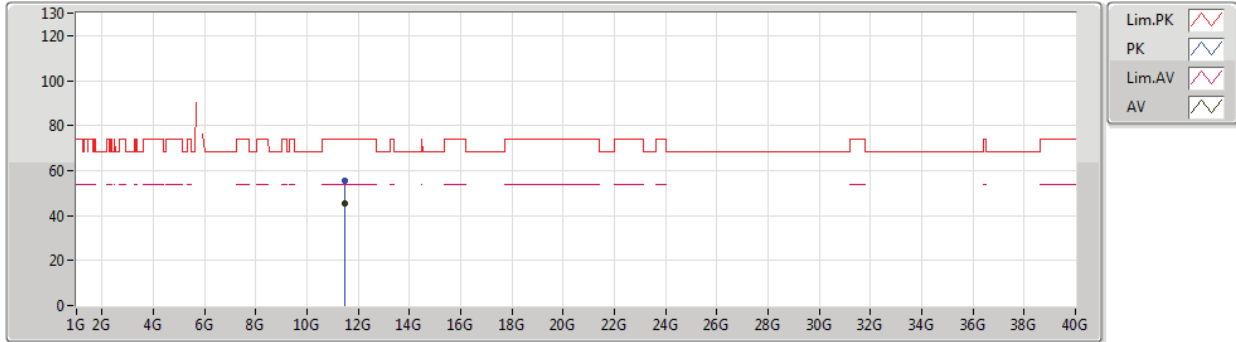




802.11ac VHT20\_Nss1,(MCS0)\_4TX

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5745MHz\_TX



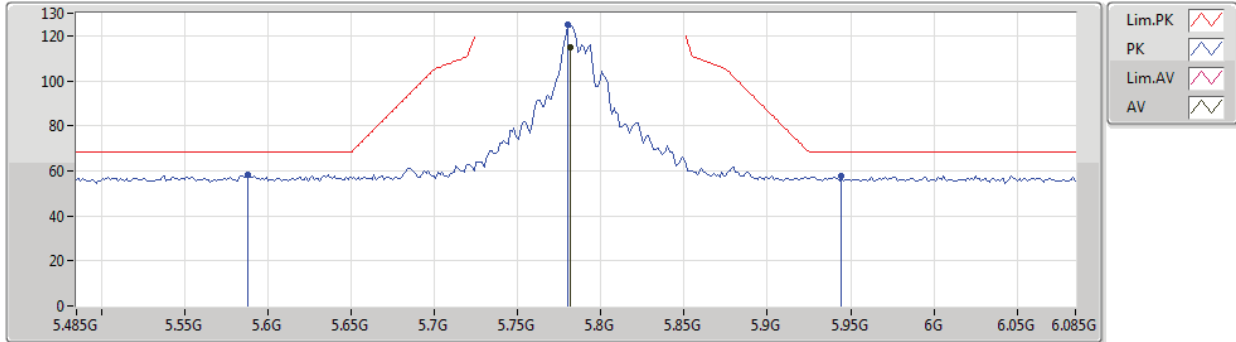
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.49006G | 45.59          | 54.00          | -8.41       | 15.79       | 3        | Horizontal | 98          | 1.63       | -       | 29.80      | 39.61   | 10.68   | 34.50   |
| PK   | 11.48995G | 55.34          | 74.00          | -18.66      | 15.79       | 3        | Horizontal | 98          | 1.63       | -       | 39.55      | 39.61   | 10.68   | 34.50   |



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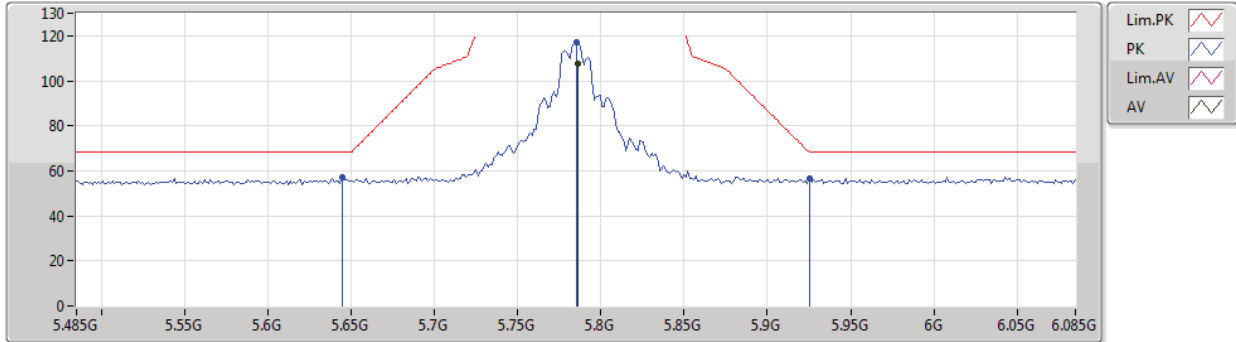
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.7814G   | 114.77         | Inf            | -Inf        | 5.48        | 3        | Vertical  | 215         | 1.29       | -       | 109.29     | 32.29   | 7.66    | 34.47   |
| PK   | 5.5882G   | 58.45          | 68.20          | -9.75       | 5.12        | 3        | Vertical  | 215         | 1.29       | -       | 53.33      | 32.02   | 7.53    | 34.43   |
| PK   | 5.7802G   | 124.90         | Inf            | -Inf        | 5.48        | 3        | Vertical  | 215         | 1.29       | -       | 119.42     | 32.29   | 7.66    | 34.47   |
| PK   | 5.9446G   | 57.53          | 68.20          | -10.67      | 5.77        | 3        | Vertical  | 215         | 1.29       | -       | 51.76      | 32.52   | 7.76    | 34.51   |



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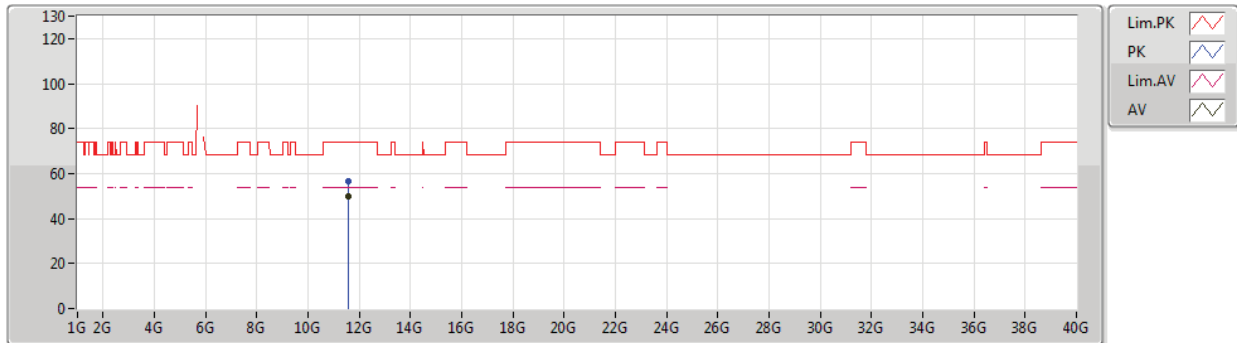
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.7862G   | 107.43         | Inf            | -Inf        | 5.48        | 3        | Horizontal | 36          | 1.43       | -       | 101.95     | 32.30   | 7.66    | 34.48   |
| PK   | 5.6446G   | 56.98          | 68.20          | -11.22      | 5.23        | 3        | Horizontal | 36          | 1.43       | -       | 51.75      | 32.10   | 7.57    | 34.44   |
| PK   | 5.785G    | 117.32         | Inf            | -Inf        | 5.48        | 3        | Horizontal | 36          | 1.43       | -       | 111.84     | 32.30   | 7.66    | 34.48   |
| PK   | 5.9254G   | 56.67          | 68.20          | -11.53      | 5.74        | 3        | Horizontal | 36          | 1.43       | -       | 50.93      | 32.50   | 7.75    | 34.51   |



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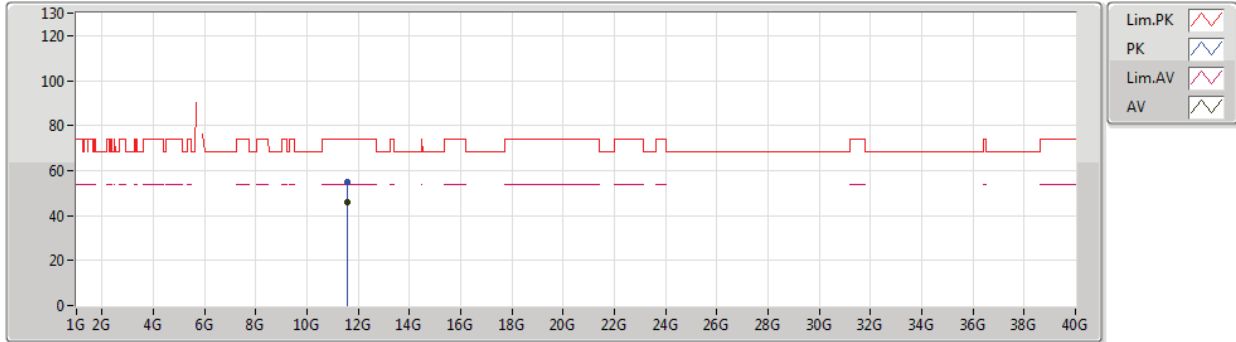
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.57006G | 49.81          | 54.00          | -4.19       | 15.72       | 3        | Vertical  | 87          | 1.45       | -       | 34.09      | 39.52   | 10.72   | 34.52   |
| PK   | 11.56992G | 56.57          | 74.00          | -17.43      | 15.72       | 3        | Vertical  | 87          | 1.45       | -       | 40.85      | 39.52   | 10.72   | 34.52   |



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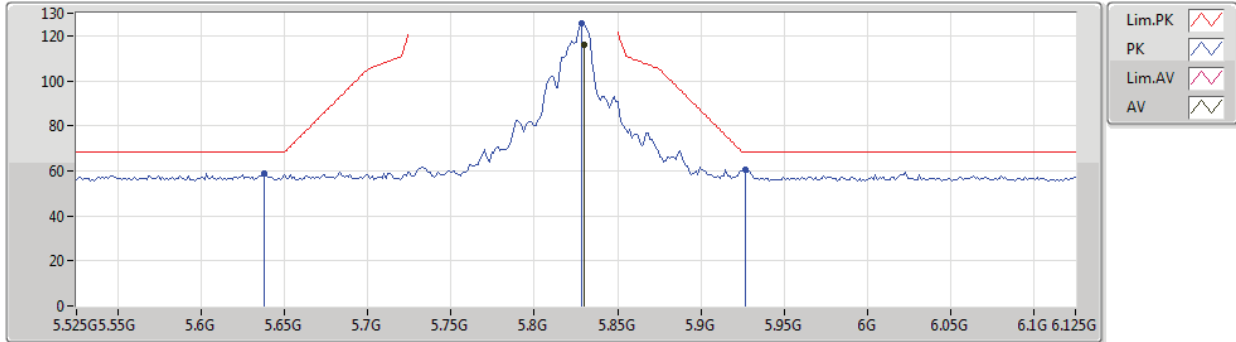
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.57007G | 46.22          | 54.00          | -7.78       | 15.72       | 3        | Horizontal | 97          | 1.89       | -       | 30.50      | 39.52   | 10.72   | 34.52   |
| PK   | 11.57004G | 54.69          | 74.00          | -19.31      | 15.72       | 3        | Horizontal | 97          | 1.89       | -       | 38.97      | 39.52   | 10.72   | 34.52   |



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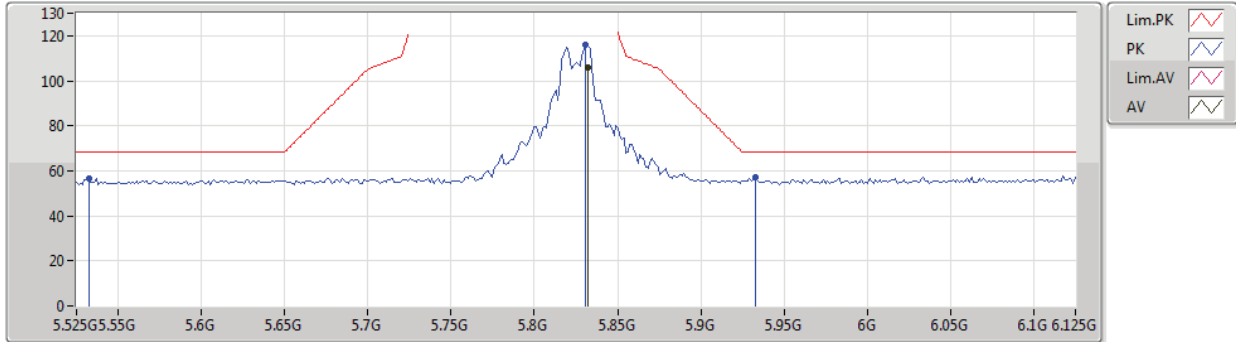
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.8298G   | 115.78         | Inf            | -Inf        | 5.56        | 3        | Vertical  | 69          | 1.54       | -       | 110.22     | 32.36   | 7.69    | 34.49   |
| PK   | 5.6378G   | 58.93          | 68.20          | -9.27       | 5.21        | 3        | Vertical  | 69          | 1.54       | -       | 53.72      | 32.09   | 7.56    | 34.44   |
| PK   | 5.8286G   | 125.52         | Inf            | -Inf        | 5.56        | 3        | Vertical  | 69          | 1.54       | -       | 119.96     | 32.36   | 7.69    | 34.49   |
| PK   | 5.927G    | 60.76          | 68.20          | -7.44       | 5.74        | 3        | Vertical  | 69          | 1.54       | -       | 55.02      | 32.50   | 7.75    | 34.51   |



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5825MHz\_TX



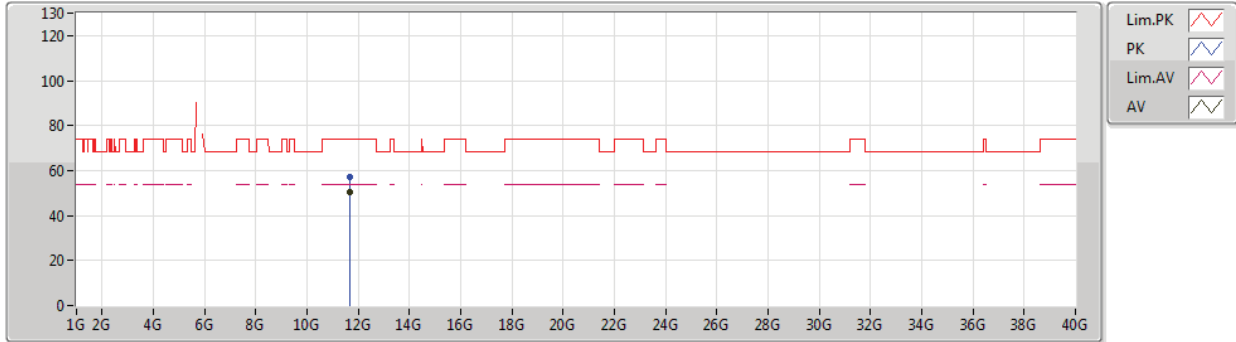
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.8322G   | 106.15         | Inf            | -Inf        | 5.57        | 3        | Horizontal | 33          | 1.52       | -       | 100.58     | 32.37   | 7.69    | 34.49   |
| PK   | 5.5322G   | 56.68          | 68.20          | -11.52      | 5.03        | 3        | Horizontal | 33          | 1.52       | -       | 51.65      | 31.95   | 7.50    | 34.42   |
| PK   | 5.831G    | 115.78         | Inf            | -Inf        | 5.56        | 3        | Horizontal | 33          | 1.52       | -       | 110.22     | 32.36   | 7.69    | 34.49   |
| PK   | 5.933G    | 57.40          | 68.20          | -10.80      | 5.75        | 3        | Horizontal | 33          | 1.52       | -       | 51.65      | 32.51   | 7.75    | 34.51   |



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| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.65008G | 50.32          | 54.00          | -3.68       | 15.63       | 3        | Vertical  | 85          | 1.49       | -       | 34.69      | 39.42   | 10.76   | 34.55   |
| PK   | 11.65007G | 57.24          | 74.00          | -16.76      | 15.63       | 3        | Vertical  | 85          | 1.49       | -       | 41.61      | 39.42   | 10.76   | 34.55   |

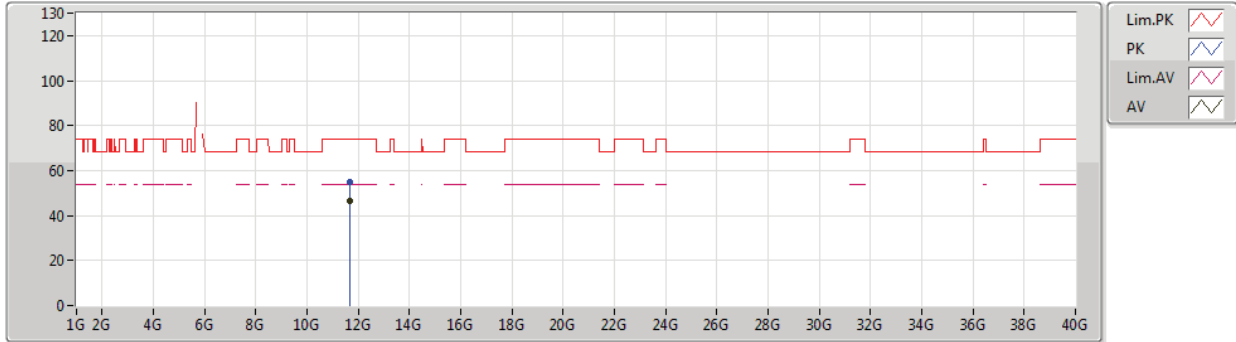




802.11ac VHT20\_Nss1,(MCS0)\_4TX

06/09/2019

5825MHz\_TX



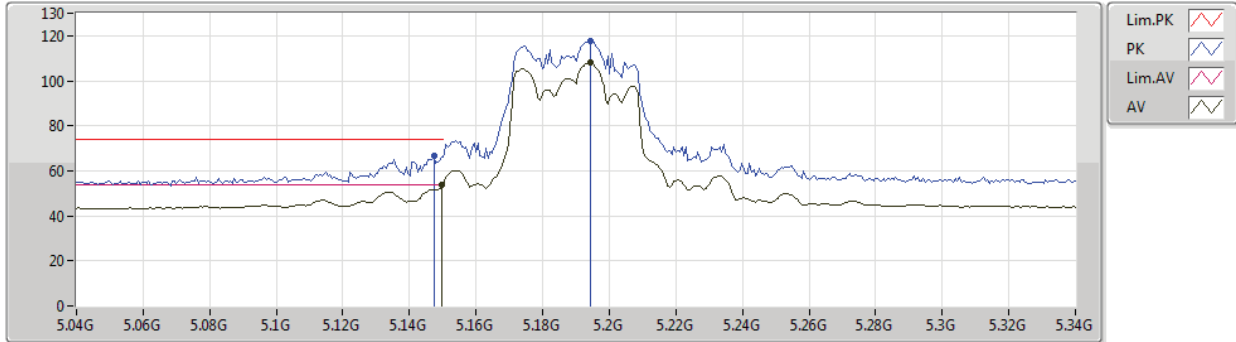
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.65008G | 46.45          | 54.00          | -7.55       | 15.63       | 3        | Horizontal | 94          | 1.56       | -       | 30.82      | 39.42   | 10.76   | 34.55   |
| PK   | 11.64994G | 55.11          | 74.00          | -18.89      | 15.63       | 3        | Horizontal | 94          | 1.56       | -       | 39.48      | 39.42   | 10.76   | 34.55   |



802.11ac VHT40\_Nss1,(MCS0)\_4TX

18/09/2019

5190MHz\_TX



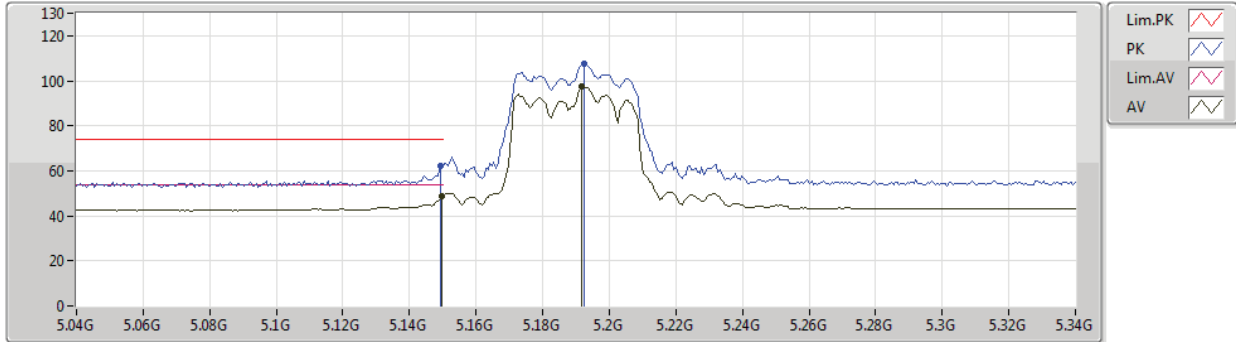
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.1498G   | 53.83          | 54.00          | -0.17       | 4.37        | 3        | Vertical  | 217         | 1.59       | -       | 49.46      | 31.76   | 7.04    | 34.43   |
| AV   | 5.1942G   | 107.89         | Inf            | -Inf        | 4.45        | 3        | Vertical  | 217         | 1.59       | -       | 103.44     | 31.78   | 7.09    | 34.42   |
| PK   | 5.1474G   | 66.64          | 74.00          | -7.36       | 4.36        | 3        | Vertical  | 217         | 1.59       | -       | 62.28      | 31.76   | 7.03    | 34.43   |
| PK   | 5.1942G   | 117.45         | Inf            | -Inf        | 4.45        | 3        | Vertical  | 217         | 1.59       | -       | 113.00     | 31.78   | 7.09    | 34.42   |



802.11ac VHT40\_Nss1,(MCS0)\_4TX

18/09/2019

5190MHz\_TX



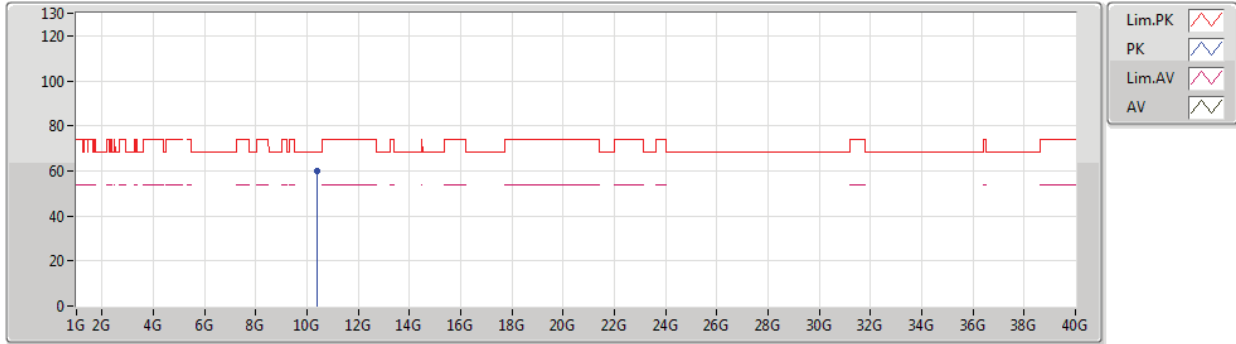
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.1498G   | 48.74          | 54.00          | -5.26       | 4.37        | 3        | Horizontal | 74          | 2.15       | -       | 44.37      | 31.76   | 7.04    | 34.43   |
| AV   | 5.1918G   | 97.35          | Inf            | -Inf        | 4.45        | 3        | Horizontal | 74          | 2.15       | -       | 92.90      | 31.78   | 7.09    | 34.42   |
| PK   | 5.1492G   | 61.94          | 74.00          | -12.06      | 4.37        | 3        | Horizontal | 74          | 2.15       | -       | 57.57      | 31.76   | 7.04    | 34.43   |
| PK   | 5.1924G   | 107.53         | Inf            | -Inf        | 4.45        | 3        | Horizontal | 74          | 2.15       | -       | 103.08     | 31.78   | 7.09    | 34.42   |



802.11ac VHT40\_Nss1,(MCS0)\_4TX

18/09/2019

5190MHz\_TX



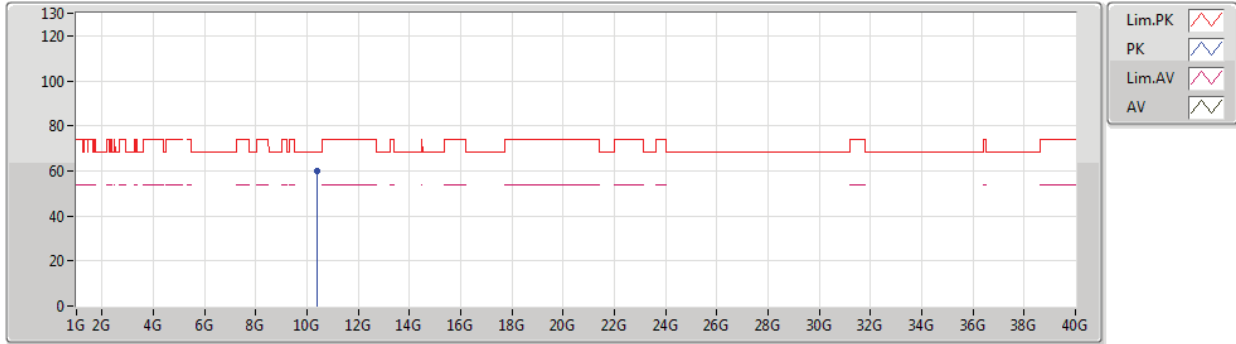
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| PK   | 10.37946G | 60.22          | 68.20          | -7.98       | 17.84       | 3        | Vertical  | 343         | 1.05       | -       | 42.38      | 39.39   | 12.98   | 34.53   |



802.11ac VHT40\_Nss1,(MCS0)\_4TX

18/09/2019

5190MHz\_TX



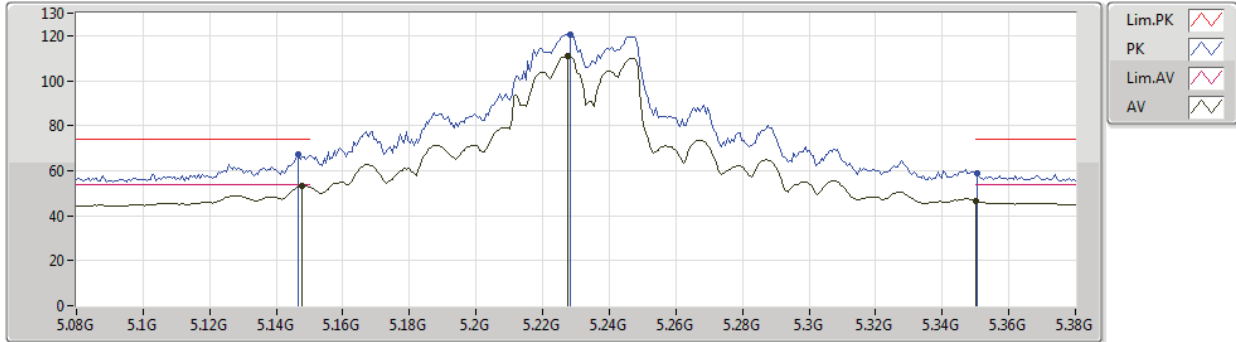
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| PK   | 10.37943G | 60.10          | 68.20          | -8.10       | 17.84       | 3        | Horizontal | 305         | 2.38       | -       | 42.26      | 39.39   | 12.98   | 34.53   |



802.11ac VHT40\_Nss1,(MCS0)\_4TX

06/09/2019

5230MHz\_TX



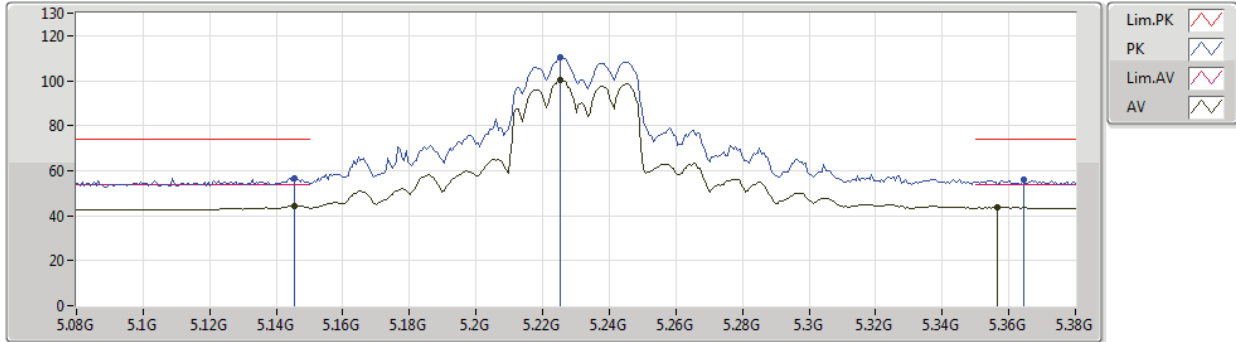
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.1478G   | 53.22          | 54.00          | -0.78       | 4.36        | 3        | Vertical  | 211         | 1.57       | -       | 48.86      | 31.76   | 7.03    | 34.43   |
| AV   | 5.2276G   | 111.09         | Inf            | -Inf        | 4.50        | 3        | Vertical  | 211         | 1.57       | -       | 106.59     | 31.79   | 7.13    | 34.42   |
| AV   | 5.35G     | 46.73          | 54.00          | -7.27       | 4.72        | 3        | Vertical  | 211         | 1.57       | -       | 42.01      | 31.84   | 7.29    | 34.41   |
| PK   | 5.1466G   | 67.31          | 74.00          | -6.69       | 4.36        | 3        | Vertical  | 211         | 1.57       | -       | 62.95      | 31.76   | 7.03    | 34.43   |
| PK   | 5.2282G   | 120.70         | Inf            | -Inf        | 4.50        | 3        | Vertical  | 211         | 1.57       | -       | 116.20     | 31.79   | 7.13    | 34.42   |
| PK   | 5.3506G   | 58.68          | 74.00          | -15.32      | 4.72        | 3        | Vertical  | 211         | 1.57       | -       | 53.96      | 31.84   | 7.29    | 34.41   |



802.11ac VHT40\_Nss1,(MCS0)\_4TX

06/09/2019

5230MHz\_TX



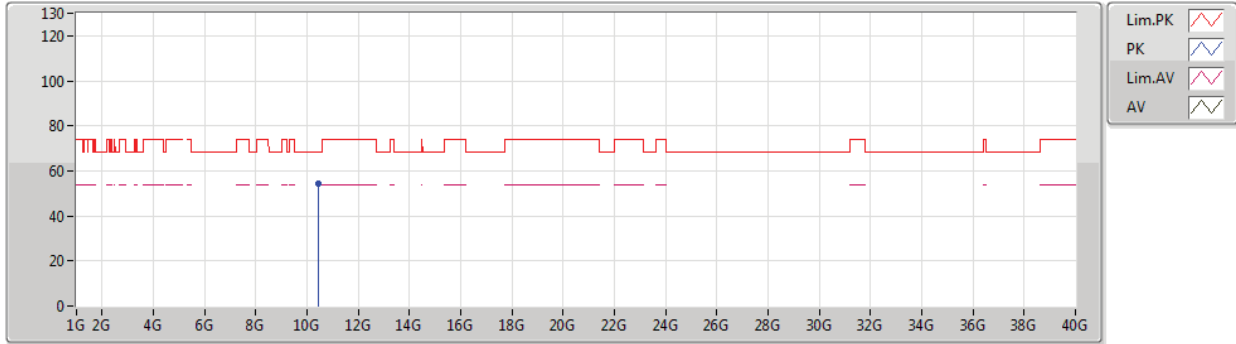
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.1454G   | 44.45          | 54.00          | -9.55       | 4.36        | 3        | Horizontal | 69          | 1.81       | -       | 40.09      | 31.76   | 7.03    | 34.43   |
| AV   | 5.2252G   | 100.04         | Inf            | -Inf        | 4.50        | 3        | Horizontal | 69          | 1.81       | -       | 95.54      | 31.79   | 7.13    | 34.42   |
| AV   | 5.3566G   | 43.71          | 54.00          | -10.29      | 4.73        | 3        | Horizontal | 69          | 1.81       | -       | 38.98      | 31.84   | 7.30    | 34.41   |
| PK   | 5.1454G   | 56.79          | 74.00          | -17.21      | 4.36        | 3        | Horizontal | 69          | 1.81       | -       | 52.43      | 31.76   | 7.03    | 34.43   |
| PK   | 5.2252G   | 110.12         | Inf            | -Inf        | 4.50        | 3        | Horizontal | 69          | 1.81       | -       | 105.62     | 31.79   | 7.13    | 34.42   |
| PK   | 5.3644G   | 55.99          | 74.00          | -18.01      | 4.75        | 3        | Horizontal | 69          | 1.81       | -       | 51.24      | 31.85   | 7.31    | 34.41   |



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5230MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| PK   | 10.45984G | 54.10          | 68.20          | -14.10      | 15.03       | 3        | Vertical  | 100         | 1.58       | -       | 39.07      | 39.50   | 10.35   | 34.82   |

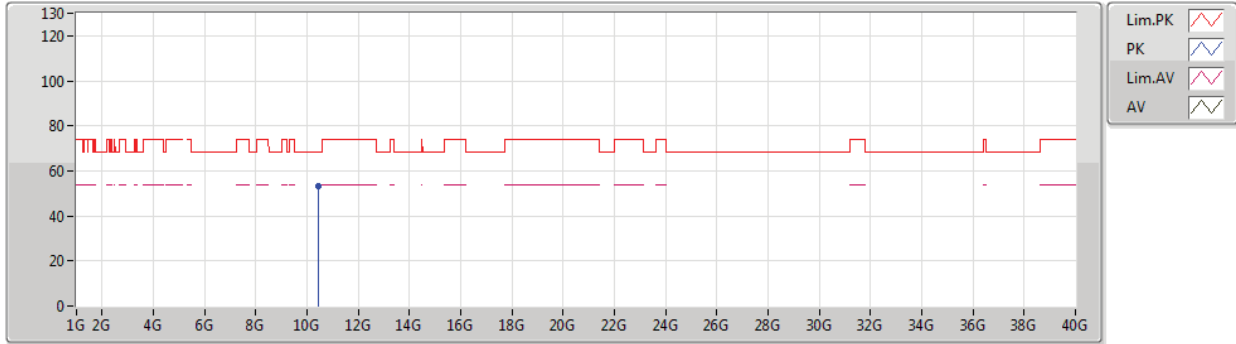




802.11ac VHT40\_Nss1,(MCS0)\_4TX

06/09/2019

5230MHz\_TX



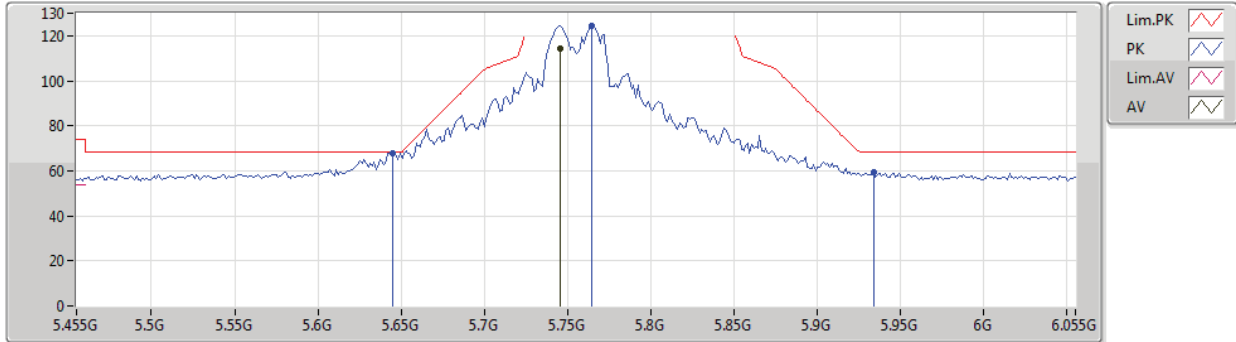
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| PK   | 10.45985G | 53.06          | 68.20          | -15.14      | 15.03       | 3        | Horizontal | 228         | 1.52       | -       | 38.03      | 39.50   | 10.35   | 34.82   |



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5755MHz\_TX



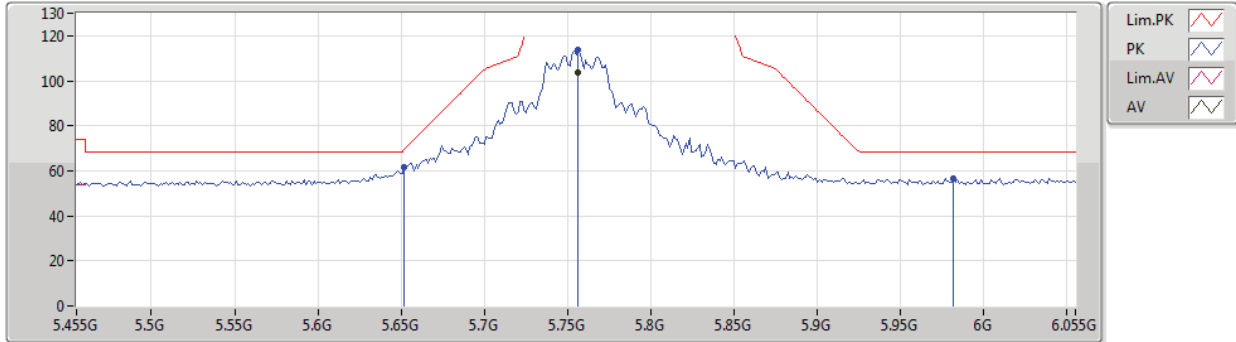
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.7454G   | 114.34         | Inf            | -Inf        | 5.41        | 3        | Vertical  | 65          | 1.70       | -       | 108.93     | 32.24   | 7.63    | 34.46   |
| PK   | 5.6446G   | 67.95          | 68.20          | -0.25       | 5.23        | 3        | Vertical  | 65          | 1.70       | -       | 62.72      | 32.10   | 7.57    | 34.44   |
| PK   | 5.7646G   | 124.66         | Inf            | -Inf        | 5.45        | 3        | Vertical  | 65          | 1.70       | -       | 119.21     | 32.27   | 7.65    | 34.47   |
| PK   | 5.9338G   | 59.44          | 68.20          | -8.76       | 5.76        | 3        | Vertical  | 65          | 1.70       | -       | 53.68      | 32.51   | 7.76    | 34.51   |



802.11ac VHT40\_Nss1,(MCS0)\_4TX

18/09/2019

5755MHz\_TX



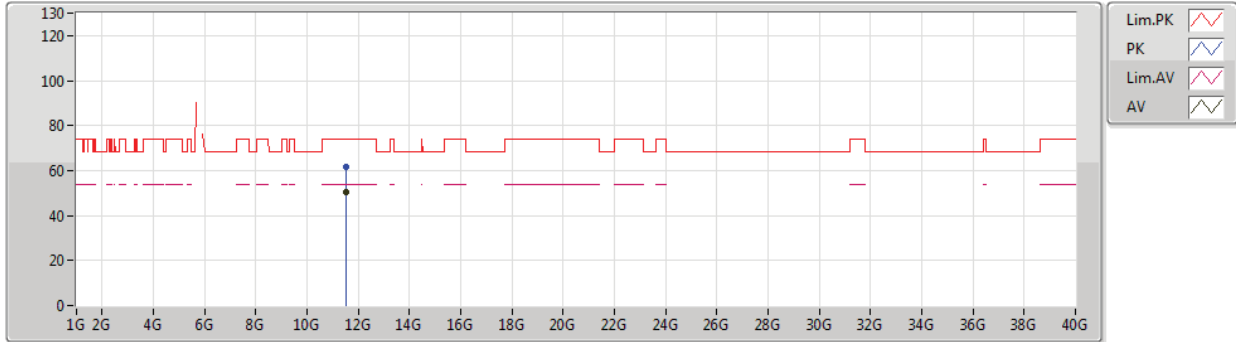
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.7562G   | 103.82         | Inf            | -Inf        | 5.43        | 3        | Horizontal | 36          | 1.34       | -       | 98.39      | 32.26   | 7.64    | 34.47   |
| PK   | 5.6518G   | 61.57          | 69.53          | -7.96       | 5.24        | 3        | Horizontal | 36          | 1.34       | -       | 56.33      | 32.11   | 7.57    | 34.44   |
| PK   | 5.7562G   | 113.73         | Inf            | -Inf        | 5.43        | 3        | Horizontal | 36          | 1.34       | -       | 108.30     | 32.26   | 7.64    | 34.47   |
| PK   | 5.9818G   | 56.48          | 68.20          | -11.72      | 5.84        | 3        | Horizontal | 36          | 1.34       | -       | 50.64      | 32.57   | 7.79    | 34.52   |



802.11ac VHT40\_Nss1,(MCS0)\_4TX

18/09/2019

5755MHz\_TX



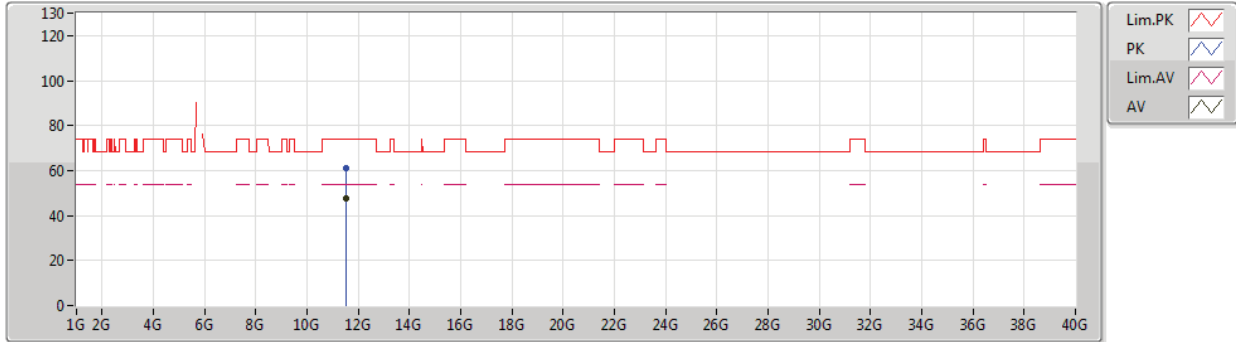
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.51002G | 50.35          | 54.00          | -3.65       | 18.98       | 3        | Vertical  | 339         | 1.29       | -       | 31.37      | 39.54   | 13.63   | 34.19   |
| PK   | 11.50996G | 61.36          | 74.00          | -12.64      | 18.98       | 3        | Vertical  | 339         | 1.29       | -       | 42.38      | 39.54   | 13.63   | 34.19   |



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5755MHz\_TX



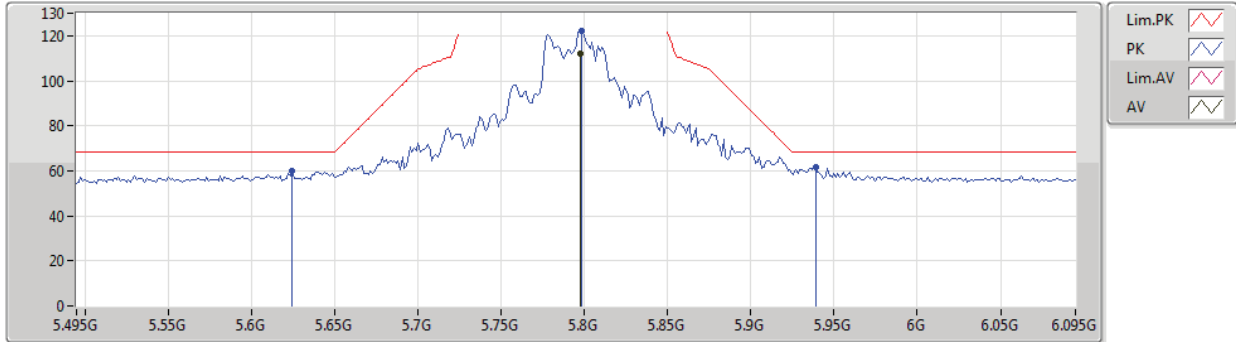
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.50988G | 47.87          | 54.00          | -6.13       | 18.98       | 3        | Horizontal | 52          | 1.49       | -       | 28.89      | 39.54   | 13.63   | 34.19   |
| PK   | 11.50989G | 61.00          | 74.00          | -13.00      | 18.98       | 3        | Horizontal | 52          | 1.49       | -       | 42.02      | 39.54   | 13.63   | 34.19   |



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5795MHz\_TX



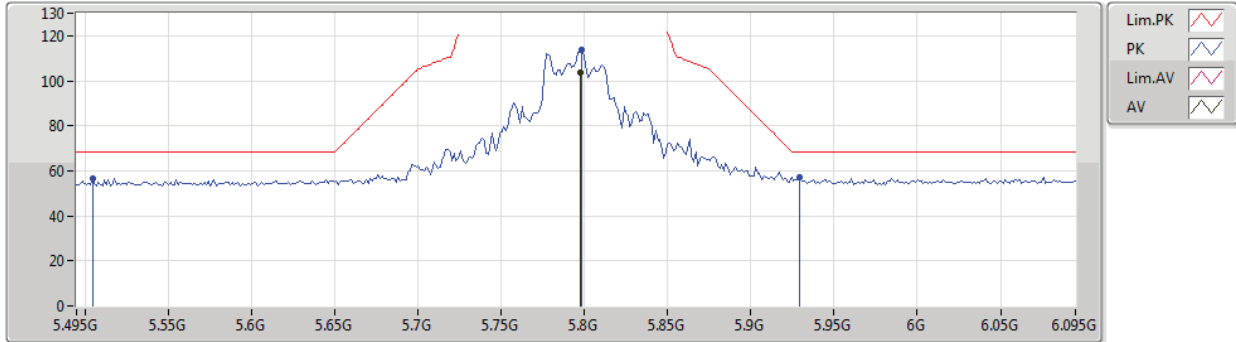
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.7974G   | 112.24         | Inf            | -Inf        | 5.51        | 3        | Vertical  | 279         | 1.64       | -       | 106.73     | 32.32   | 7.67    | 34.48   |
| PK   | 5.6246G   | 60.00          | 68.20          | -8.20       | 5.20        | 3        | Vertical  | 279         | 1.64       | -       | 54.80      | 32.07   | 7.56    | 34.43   |
| PK   | 5.7986G   | 122.12         | Inf            | -Inf        | 5.51        | 3        | Vertical  | 279         | 1.64       | -       | 116.61     | 32.32   | 7.67    | 34.48   |
| PK   | 5.939G    | 61.63          | 68.20          | -6.57       | 5.76        | 3        | Vertical  | 279         | 1.64       | -       | 55.87      | 32.51   | 7.76    | 34.51   |



802.11ac VHT40\_Nss1,(MCS0)\_4TX

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5795MHz\_TX



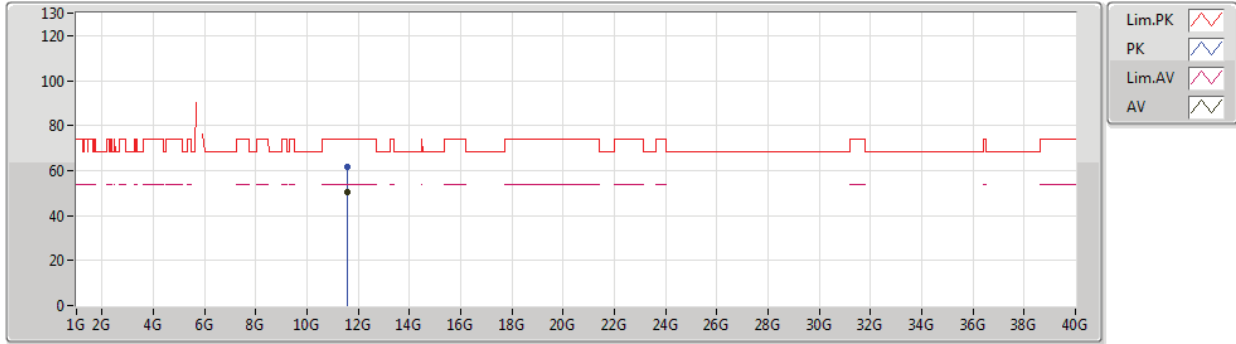
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.7974G   | 103.41         | Inf            | -Inf        | 5.51        | 3        | Horizontal | 169         | 1.34       | -       | 97.90      | 32.32   | 7.67    | 34.48   |
| PK   | 5.5046G   | 56.48          | 68.20          | -11.72      | 4.98        | 3        | Horizontal | 169         | 1.34       | -       | 51.50      | 31.91   | 7.48    | 34.41   |
| PK   | 5.7986G   | 113.62         | Inf            | -Inf        | 5.51        | 3        | Horizontal | 169         | 1.34       | -       | 108.11     | 32.32   | 7.67    | 34.48   |
| PK   | 5.9294G   | 57.09          | 68.20          | -11.11      | 5.74        | 3        | Horizontal | 169         | 1.34       | -       | 51.35      | 32.50   | 7.75    | 34.51   |



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18/09/2019

5795MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.59001G | 50.35          | 54.00          | -3.65       | 18.91       | 3        | Vertical  | 335         | 1.28       | -       | 31.44      | 39.43   | 13.68   | 34.20   |
| PK   | 11.5898G  | 61.77          | 74.00          | -12.23      | 18.91       | 3        | Vertical  | 335         | 1.28       | -       | 42.86      | 39.43   | 13.68   | 34.20   |

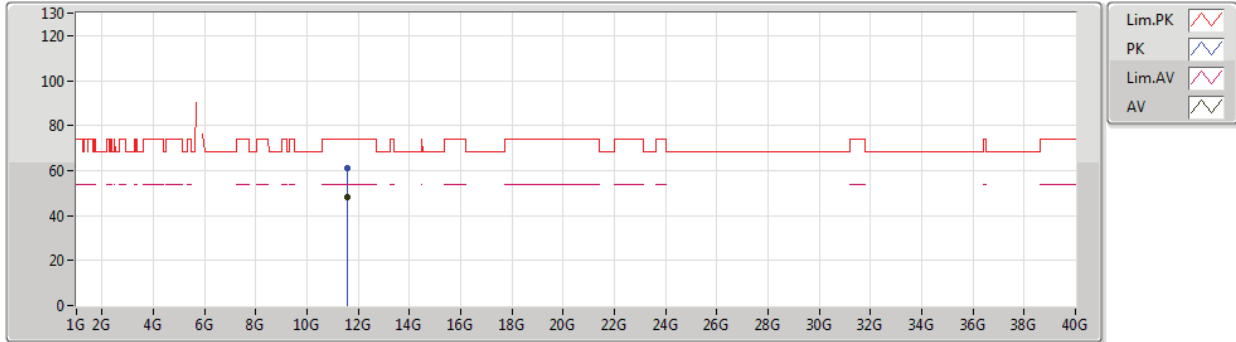




802.11ac VHT40\_Nss1,(MCS0)\_4TX

18/09/2019

5795MHz\_TX



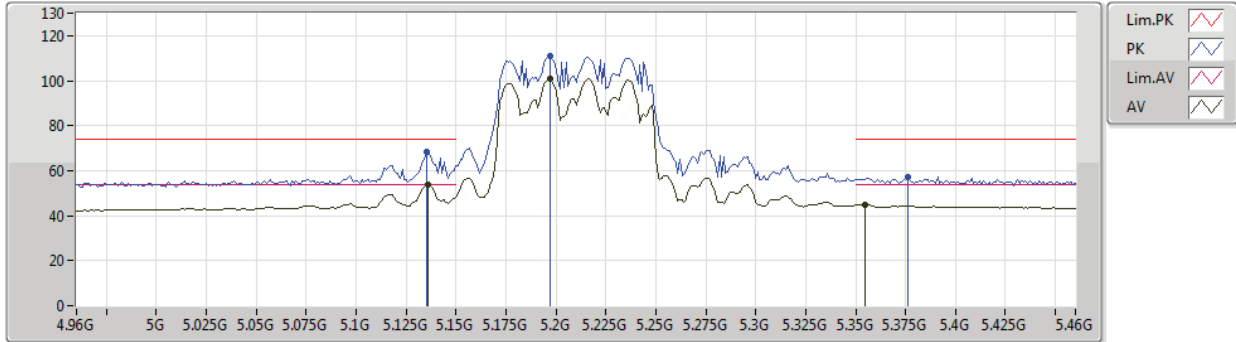
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.59008G | 48.20          | 54.00          | -5.80       | 18.91       | 3        | Horizontal | 345         | 1.53       | -       | 29.29      | 39.43   | 13.68   | 34.20   |
| PK   | 11.58981G | 60.89          | 74.00          | -13.11      | 18.91       | 3        | Horizontal | 345         | 1.53       | -       | 41.98      | 39.43   | 13.68   | 34.20   |



802.11ac VHT80\_Nss1,(MCS0)\_4TX

19/09/2019

5210MHz\_TX



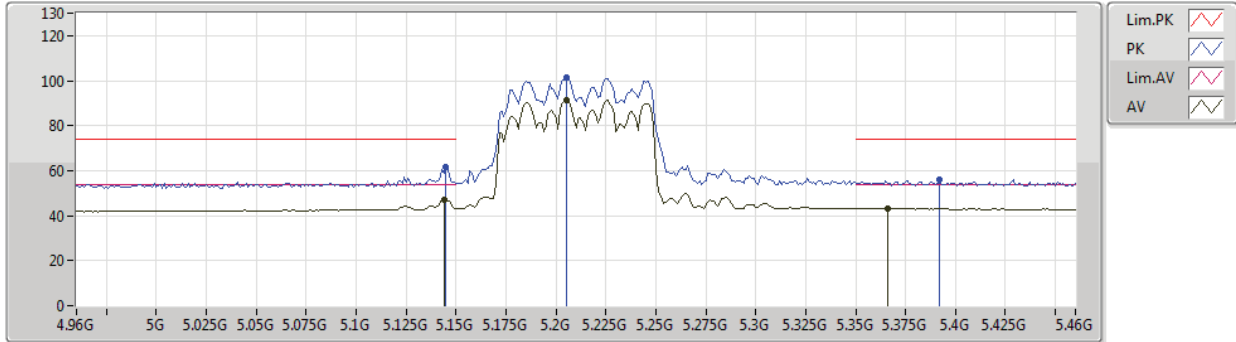
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.136G    | 53.76          | 54.00          | -0.24       | 4.34        | 3        | Vertical  | 55          | 1.05       | -       | 49.42      | 31.75   | 7.02    | 34.43   |
| AV   | 5.197G    | 100.63         | Inf            | -Inf        | 4.46        | 3        | Vertical  | 55          | 1.05       | -       | 96.17      | 31.78   | 7.10    | 34.42   |
| AV   | 5.355G    | 44.94          | 54.00          | -9.06       | 4.72        | 3        | Vertical  | 55          | 1.05       | -       | 40.22      | 31.84   | 7.29    | 34.41   |
| PK   | 5.135G    | 68.25          | 74.00          | -5.75       | 4.34        | 3        | Vertical  | 55          | 1.05       | -       | 63.91      | 31.75   | 7.02    | 34.43   |
| PK   | 5.197G    | 110.70         | Inf            | -Inf        | 4.46        | 3        | Vertical  | 55          | 1.05       | -       | 106.24     | 31.78   | 7.10    | 34.42   |
| PK   | 5.376G    | 56.99          | 74.00          | -17.01      | 4.76        | 3        | Vertical  | 55          | 1.05       | -       | 52.23      | 31.85   | 7.32    | 34.41   |



802.11ac VHT80\_Nss1,(MCS0)\_4TX

19/09/2019

5210MHz\_TX



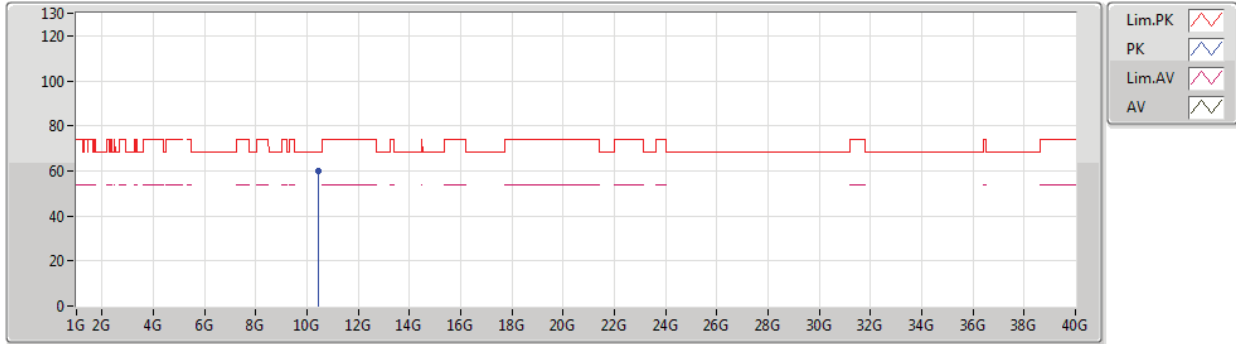
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.144G    | 47.12          | 54.00          | -6.88       | 4.36        | 3        | Horizontal | 78          | 1.86       | -       | 42.76      | 31.76   | 7.03    | 34.43   |
| AV   | 5.205G    | 91.51          | Inf            | -Inf        | 4.47        | 3        | Horizontal | 78          | 1.86       | -       | 87.04      | 31.78   | 7.11    | 34.42   |
| AV   | 5.366G    | 43.20          | 54.00          | -10.80      | 4.75        | 3        | Horizontal | 78          | 1.86       | -       | 38.45      | 31.85   | 7.31    | 34.41   |
| PK   | 5.145G    | 61.41          | 74.00          | -12.59      | 4.36        | 3        | Horizontal | 78          | 1.86       | -       | 57.05      | 31.76   | 7.03    | 34.43   |
| PK   | 5.205G    | 101.17         | Inf            | -Inf        | 4.47        | 3        | Horizontal | 78          | 1.86       | -       | 96.70      | 31.78   | 7.11    | 34.42   |
| PK   | 5.392G    | 55.99          | 74.00          | -18.01      | 4.79        | 3        | Horizontal | 78          | 1.86       | -       | 51.20      | 31.86   | 7.34    | 34.41   |



802.11ac VHT80\_Nss1,(MCS0)\_4TX

19/09/2019

5210MHz\_TX



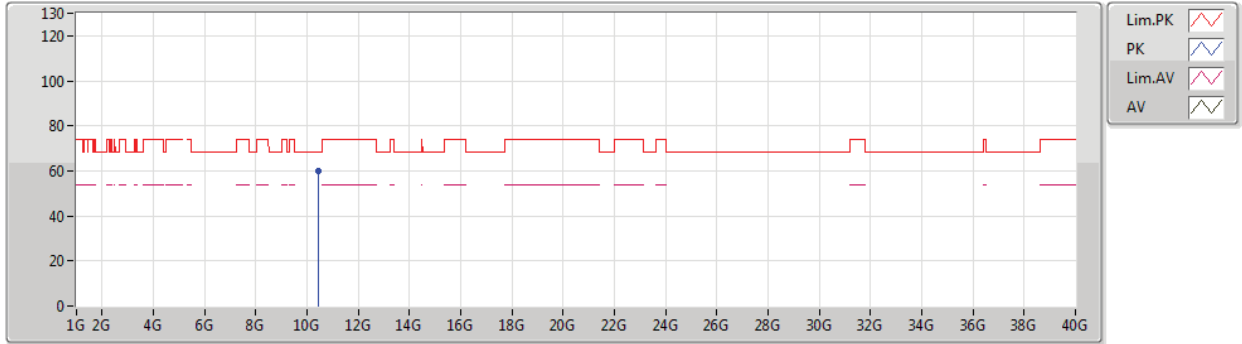
| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| PK   | 10.42003G    | 60.05             | 68.20             | -8.15          | 17.94          | 3           | Vertical  | 309            | 1.50          | -       | 42.11         | 39.45      | 13.00      | 34.51      |



802.11ac VHT80\_Nss1,(MCS0)\_4TX

19/09/2019

5210MHz\_TX



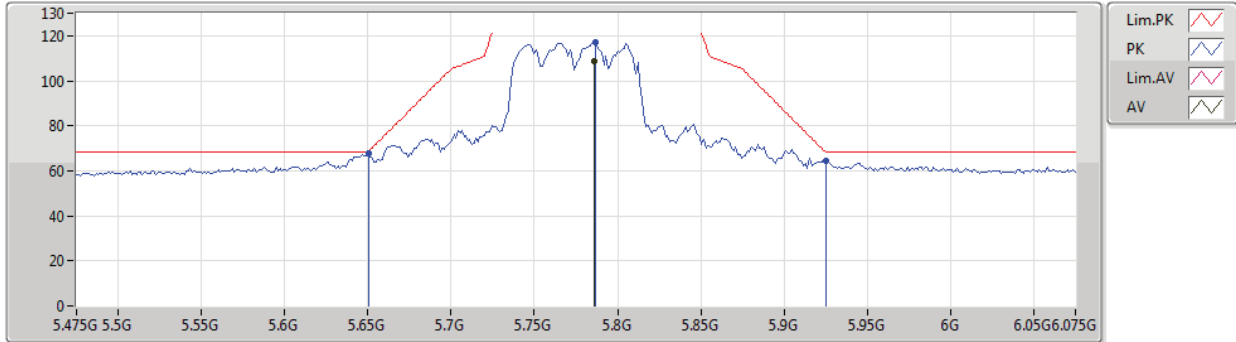
| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| PK   | 10.41977G    | 60.07             | 68.20             | -8.13          | 17.94          | 3           | Horizontal | 132            | 1.37          | -       | 42.13         | 39.45      | 13.00      | 34.51      |



802.11ac VHT80\_Nss1,(MCS0)\_4TX

19/09/2019

5775MHz\_TX



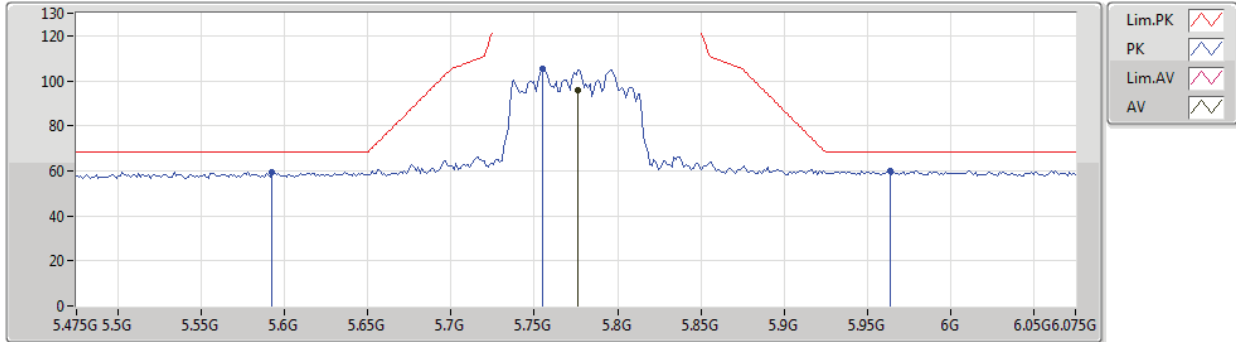
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.7858G   | 108.62         | Inf            | -Inf        | 8.45        | 3        | Vertical  | 55          | 1.87       | -       | 100.17     | 32.06   | 10.47   | 34.08   |
| PK   | 5.6502G   | 67.88          | 68.35          | -0.47       | 7.93        | 3        | Vertical  | 55          | 1.87       | -       | 59.95      | 31.70   | 10.30   | 34.07   |
| PK   | 5.787G    | 117.08         | Inf            | -Inf        | 8.45        | 3        | Vertical  | 55          | 1.87       | -       | 108.63     | 32.06   | 10.47   | 34.08   |
| PK   | 5.925G    | 64.26          | 68.20          | -3.94       | 8.87        | 3        | Vertical  | 55          | 1.87       | -       | 55.39      | 32.40   | 10.55   | 34.08   |



802.11ac VHT80\_Nss1,(MCS0)\_4TX

19/09/2019

5775MHz\_TX



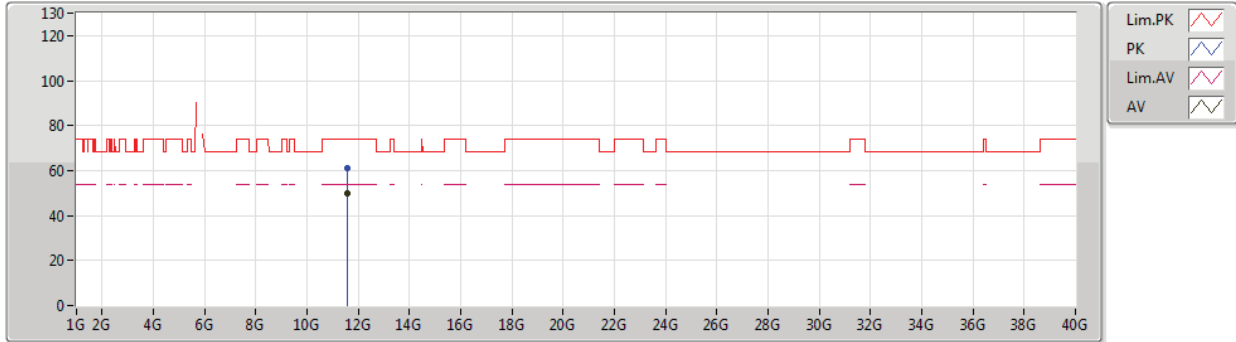
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.7762G   | 95.70          | Inf            | -Inf        | 8.41        | 3        | Horizontal | 34          | 1.50       | -       | 87.29      | 32.03   | 10.46   | 34.08   |
| PK   | 5.5926G   | 59.67          | 68.20          | -8.53       | 7.78        | 3        | Horizontal | 34          | 1.50       | -       | 51.89      | 31.61   | 10.24   | 34.07   |
| PK   | 5.7546G   | 105.16         | Inf            | -Inf        | 8.31        | 3        | Horizontal | 34          | 1.50       | -       | 96.85      | 31.96   | 10.43   | 34.08   |
| PK   | 5.9634G   | 60.15          | 68.20          | -8.05       | 8.89        | 3        | Horizontal | 34          | 1.50       | -       | 51.26      | 32.40   | 10.57   | 34.08   |



802.11ac VHT80\_Nss1,(MCS0)\_4TX

19/09/2019

5775MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.54993G | 50.06          | 54.00          | -3.94       | 18.95       | 3        | Vertical  | 79          | 1.50       | -       | 31.11      | 39.49   | 13.65   | 34.19   |
| PK   | 11.54982G | 61.30          | 74.00          | -12.70      | 18.95       | 3        | Vertical  | 79          | 1.50       | -       | 42.35      | 39.49   | 13.65   | 34.19   |

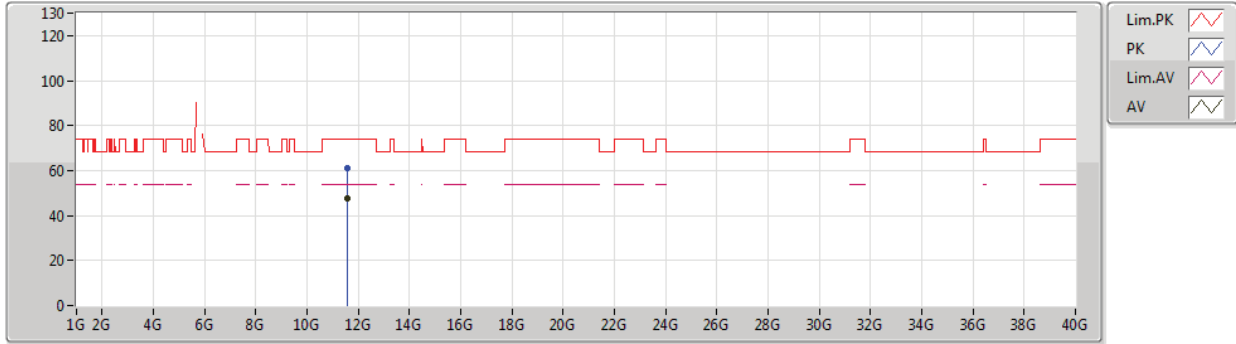




802.11ac VHT80\_Nss1,(MCS0)\_4TX

19/09/2019

5775MHz\_TX



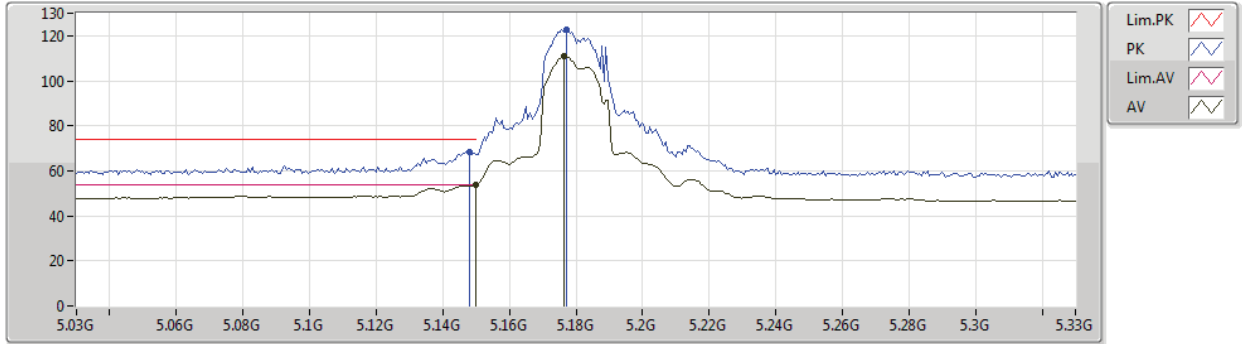
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.54992G | 47.86          | 54.00          | -6.14       | 18.95       | 3        | Horizontal | 89          | 1.85       | -       | 28.91      | 39.49   | 13.65   | 34.19   |
| PK   | 11.55084G | 60.81          | 74.00          | -13.19      | 18.94       | 3        | Horizontal | 89          | 1.85       | -       | 41.87      | 39.48   | 13.65   | 34.19   |



802.11ax HEW20\_Nss1,(MCS0)\_4TX

17/09/2019

5180MHz\_TX



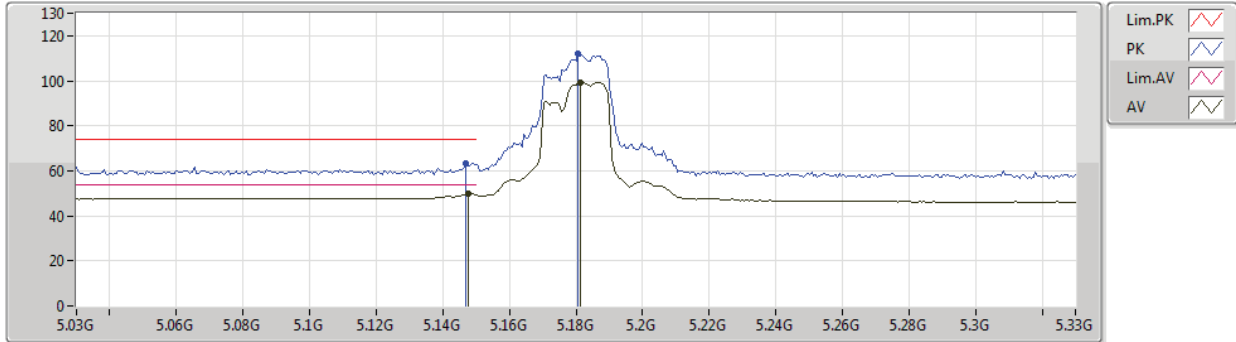
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.15G     | 53.59          | 54.00          | -0.41       | 7.83        | 3        | Vertical  | 152         | 1.50       | -       | 45.76      | 31.80   | 10.08   | 34.05   |
| AV   | 5.1764G   | 110.70         | Inf            | -Inf        | 7.72        | 3        | Vertical  | 152         | 1.50       | -       | 102.98     | 31.69   | 10.08   | 34.05   |
| PK   | 5.1482G   | 68.50          | 74.00          | -5.50       | 7.84        | 3        | Vertical  | 152         | 1.50       | -       | 60.66      | 31.81   | 10.08   | 34.05   |
| PK   | 5.177G    | 122.66         | Inf            | -Inf        | 7.72        | 3        | Vertical  | 152         | 1.50       | -       | 114.94     | 31.69   | 10.08   | 34.05   |



802.11ax HEW20\_Nss1,(MCS0)\_4TX

17/09/2019

5180MHz\_TX



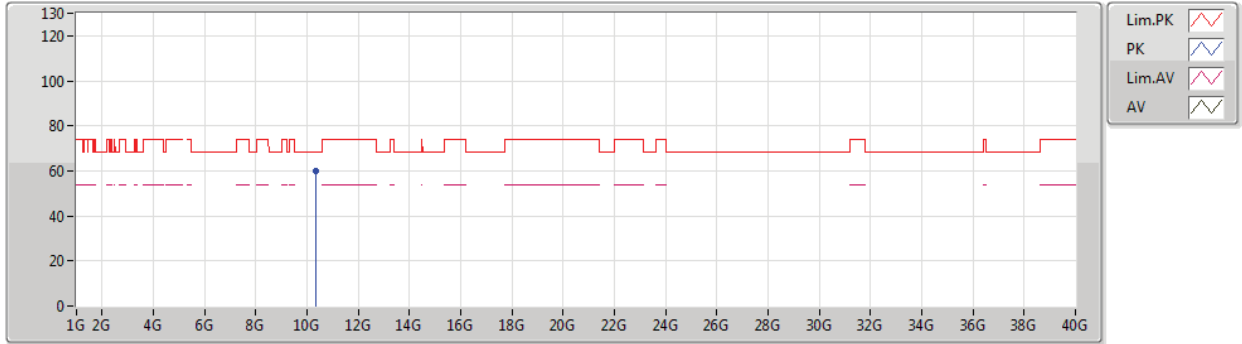
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.1476G   | 50.04          | 54.00          | -3.96       | 7.84        | 3        | Horizontal | 40          | 1.50       | -       | 42.20      | 31.81   | 10.08   | 34.05   |
| AV   | 5.1812G   | 99.39          | Inf            | -Inf        | 7.71        | 3        | Horizontal | 40          | 1.50       | -       | 91.68      | 31.68   | 10.08   | 34.05   |
| PK   | 5.147G    | 63.23          | 74.00          | -10.77      | 7.84        | 3        | Horizontal | 40          | 1.50       | -       | 55.39      | 31.81   | 10.08   | 34.05   |
| PK   | 5.1806G   | 111.92         | Inf            | -Inf        | 7.71        | 3        | Horizontal | 40          | 1.50       | -       | 104.21     | 31.68   | 10.08   | 34.05   |



802.11ax HEW20\_Nss1,(MCS0)\_4TX

17/09/2019

5180MHz\_TX



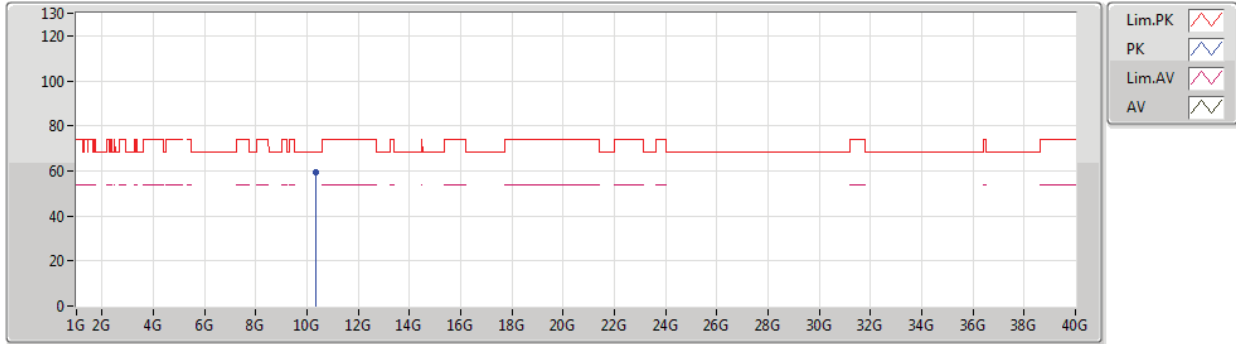
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| PK   | 10.36882G | 60.15          | 68.20          | -8.05       | 17.81       | 3        | Vertical  | 353         | 1.50       | -       | 42.34      | 39.38   | 12.97   | 34.54   |



802.11ax HEW20\_Nss1,(MCS0)\_4TX

17/09/2019

5180MHz\_TX



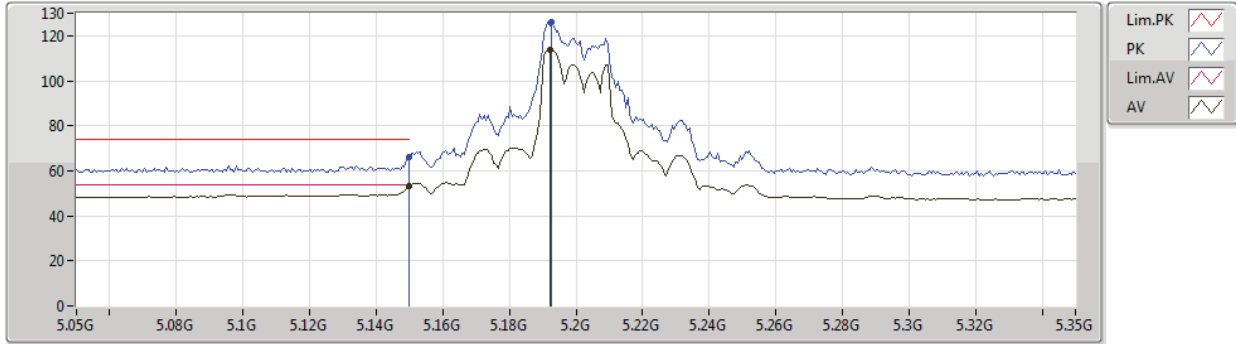
| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| PK   | 10.35466G    | 59.57             | 68.20             | -8.63          | 17.77          | 3           | Horizontal | 72             | 1.09          | -       | 41.80         | 39.36      | 12.96      | 34.55      |



802.11ax HEW20\_Nss1,(MCS0)\_4TX

17/09/2019

5200MHz\_TX



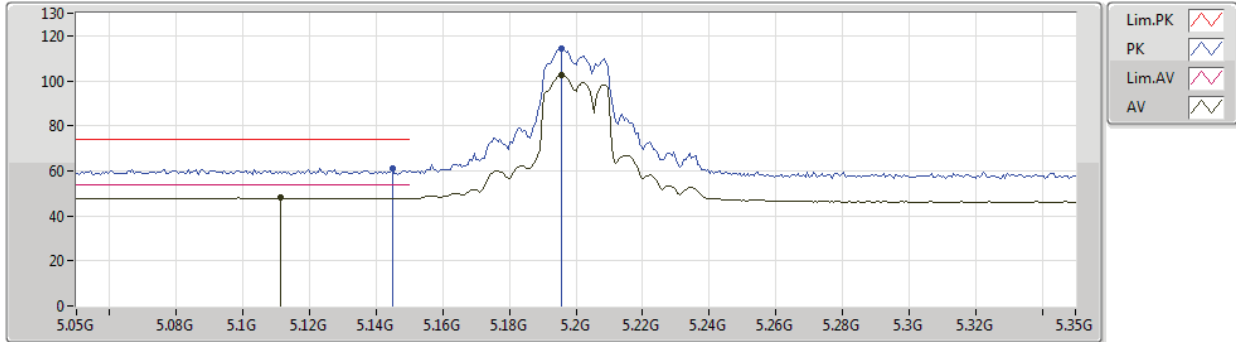
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.15G     | 53.47          | 54.00          | -0.53       | 7.83        | 3        | Vertical  | 90          | 1.75       | -       | 45.64      | 31.80   | 10.08   | 34.05   |
| AV   | 5.1922G   | 113.52         | Inf            | -Inf        | 7.66        | 3        | Vertical  | 90          | 1.75       | -       | 105.86     | 31.63   | 10.08   | 34.05   |
| PK   | 5.15G     | 66.02          | 74.00          | -7.98       | 7.83        | 3        | Vertical  | 90          | 1.75       | -       | 58.19      | 31.80   | 10.08   | 34.05   |
| PK   | 5.1928G   | 126.04         | Inf            | -Inf        | 7.66        | 3        | Vertical  | 90          | 1.75       | -       | 118.38     | 31.63   | 10.08   | 34.05   |



802.11ax HEW20\_Nss1,(MCS0)\_4TX

17/09/2019

5200MHz\_TX



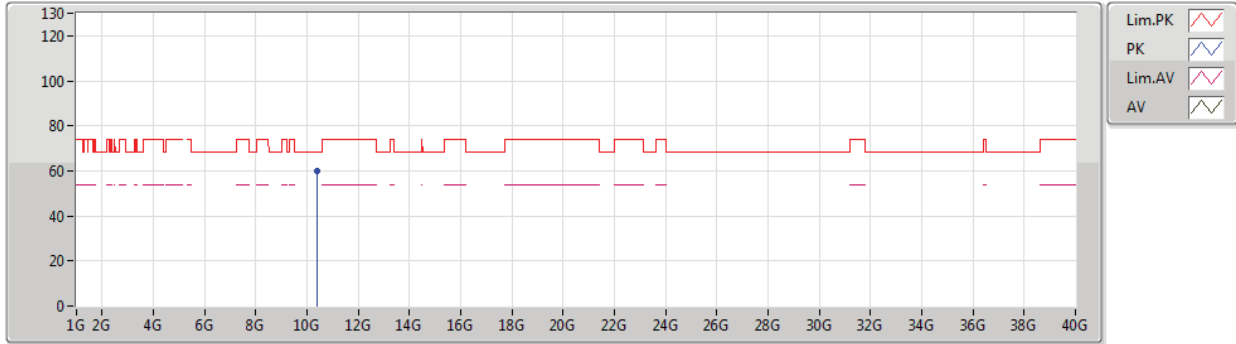
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.1112G   | 47.92          | 54.00          | -6.08       | 7.99        | 3        | Horizontal | 307         | 1.49       | -       | 39.93      | 31.96   | 10.08   | 34.05   |
| AV   | 5.1958G   | 102.46         | Inf            | -Inf        | 7.65        | 3        | Horizontal | 307         | 1.49       | -       | 94.81      | 31.62   | 10.08   | 34.05   |
| PK   | 5.1448G   | 61.22          | 74.00          | -12.78      | 7.85        | 3        | Horizontal | 307         | 1.49       | -       | 53.37      | 31.82   | 10.08   | 34.05   |
| PK   | 5.1958G   | 114.59         | Inf            | -Inf        | 7.65        | 3        | Horizontal | 307         | 1.49       | -       | 106.94     | 31.62   | 10.08   | 34.05   |



802.11ax HEW20\_Nss1,(MCS0)\_4TX

17/09/2019

5200MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| PK   | 10.399G   | 59.94          | 68.20          | -8.26       | 17.89       | 3        | Vertical  | 281         | 1.50       | -       | 42.05      | 39.42   | 12.99   | 34.52   |

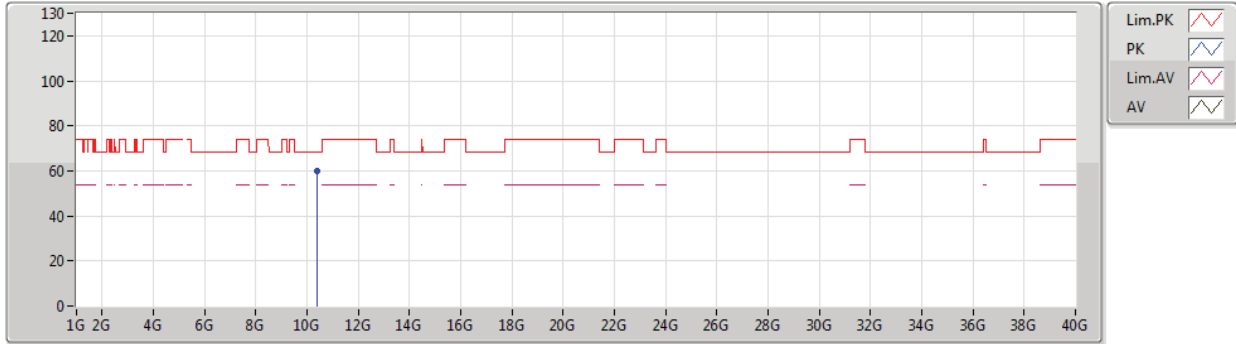




802.11ax HEW20\_Nss1,(MCS0)\_4TX

17/09/2019

5200MHz\_TX



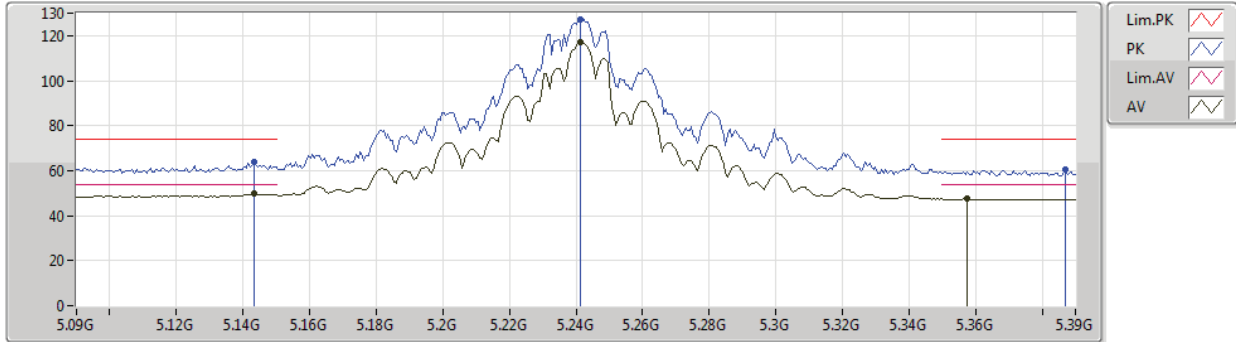
| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| PK   | 10.39912G    | 59.87             | 68.20             | -8.33          | 17.89          | 3           | Horizontal | 57             | 2.23          | -       | 41.98         | 39.42      | 12.99      | 34.52      |



802.11ax HEW20\_Nss1,(MCS0)\_4TX

17/09/2019

5240MHz\_TX



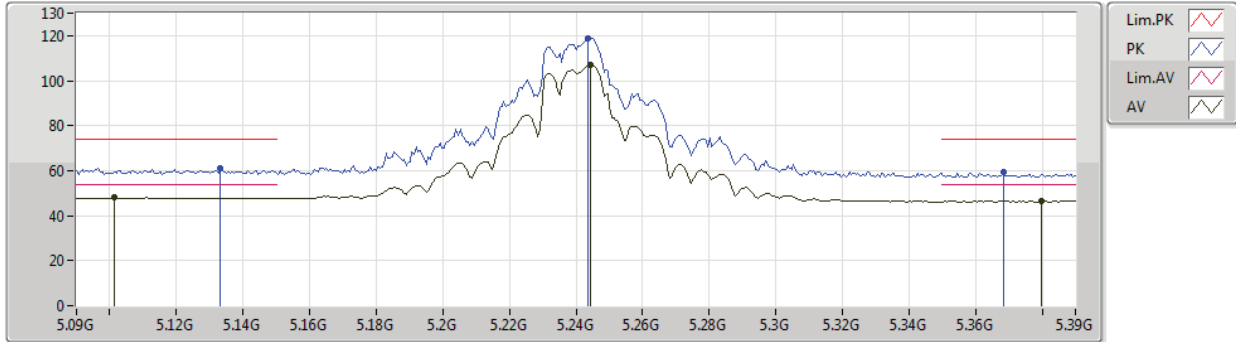
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.1434G   | 49.69          | 54.00          | -4.31       | 7.86        | 3        | Vertical  | 86          | 1.73       | -       | 41.83      | 31.83   | 10.08   | 34.05   |
| AV   | 5.2412G   | 117.06         | Inf            | -Inf        | 7.49        | 3        | Vertical  | 86          | 1.73       | -       | 109.57     | 31.44   | 10.10   | 34.05   |
| AV   | 5.3576G   | 47.38          | 54.00          | -6.62       | 7.47        | 3        | Vertical  | 86          | 1.73       | -       | 39.91      | 31.37   | 10.16   | 34.06   |
| PK   | 5.1434G   | 63.80          | 74.00          | -10.20      | 7.86        | 3        | Vertical  | 86          | 1.73       | -       | 55.94      | 31.83   | 10.08   | 34.05   |
| PK   | 5.2412G   | 127.37         | Inf            | -Inf        | 7.49        | 3        | Vertical  | 86          | 1.73       | -       | 119.88     | 31.44   | 10.10   | 34.05   |
| PK   | 5.387G    | 60.54          | 74.00          | -13.46      | 7.58        | 3        | Vertical  | 86          | 1.73       | -       | 52.96      | 31.46   | 10.18   | 34.06   |



802.11ax HEW20\_Nss1,(MCS0)\_4TX

17/09/2019

5240MHz\_TX



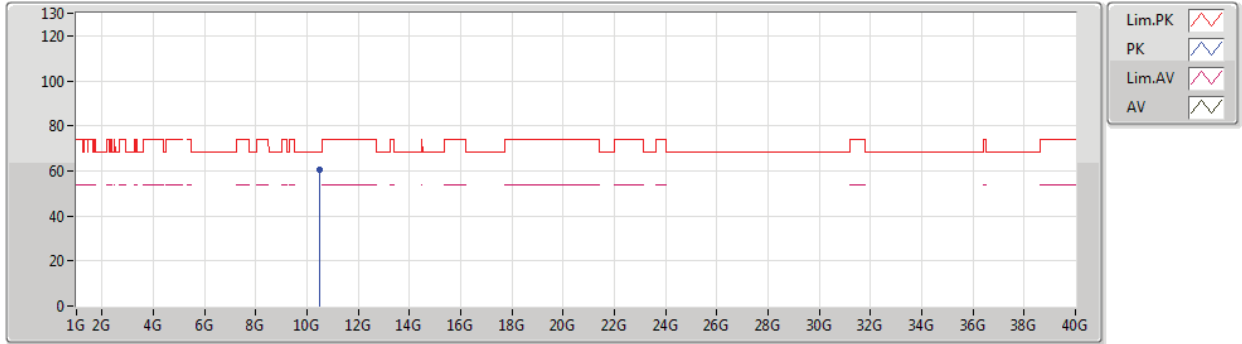
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.1014G   | 48.03          | 54.00          | -5.97       | 8.02        | 3        | Horizontal | 299         | 1.00       | -       | 40.01      | 31.99   | 10.08   | 34.05   |
| AV   | 5.2442G   | 107.00         | Inf            | -Inf        | 7.47        | 3        | Horizontal | 299         | 1.00       | -       | 99.53      | 31.42   | 10.10   | 34.05   |
| AV   | 5.3798G   | 46.43          | 54.00          | -7.57       | 7.56        | 3        | Horizontal | 299         | 1.00       | -       | 38.87      | 31.44   | 10.18   | 34.06   |
| PK   | 5.1332G   | 61.07          | 74.00          | -12.93      | 7.90        | 3        | Horizontal | 299         | 1.00       | -       | 53.17      | 31.87   | 10.08   | 34.05   |
| PK   | 5.2436G   | 118.88         | Inf            | -Inf        | 7.48        | 3        | Horizontal | 299         | 1.00       | -       | 111.40     | 31.43   | 10.10   | 34.05   |
| PK   | 5.3684G   | 59.15          | 74.00          | -14.85      | 7.52        | 3        | Horizontal | 299         | 1.00       | -       | 51.63      | 31.41   | 10.17   | 34.06   |



802.11ax HEW20\_Nss1,(MCS0)\_4TX

17/09/2019

5240MHz\_TX



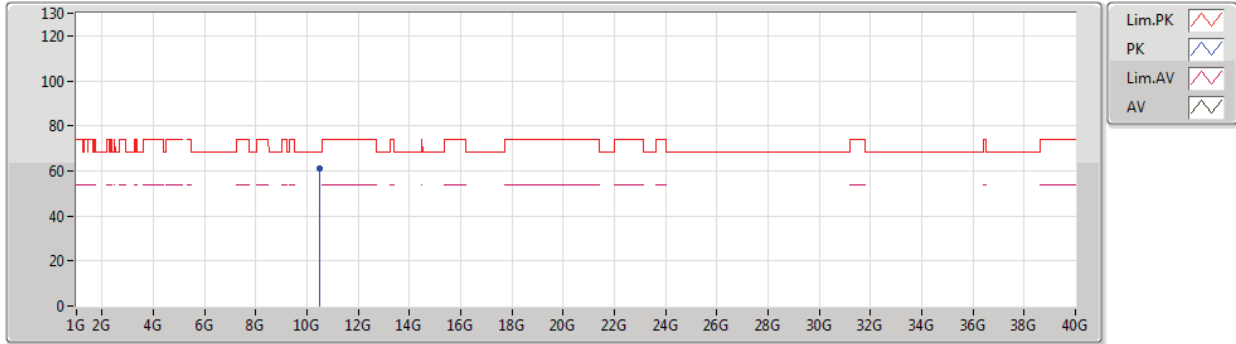
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| PK   | 10.48023G | 60.61          | 68.20          | -7.59       | 18.08       | 3        | Vertical  | 306         | 1.99       | -       | 42.53      | 39.52   | 13.03   | 34.47   |



802.11ax HEW20\_Nss1,(MCS0)\_4TX

17/09/2019

5240MHz\_TX



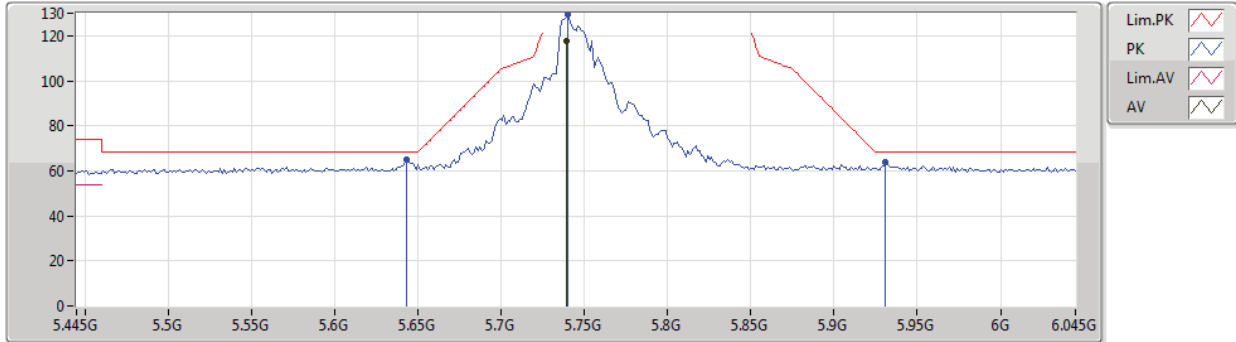
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (*) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| PK   | 10.48074G | 61.05          | 68.20          | -7.15       | 18.08       | 3        | Horizontal | 351         | 1.50       | -       | 42.97      | 39.52   | 13.03   | 34.47   |



802.11ax HEW20\_Nss1,(MCS0)\_4TX

17/09/2019

5745MHz\_TX



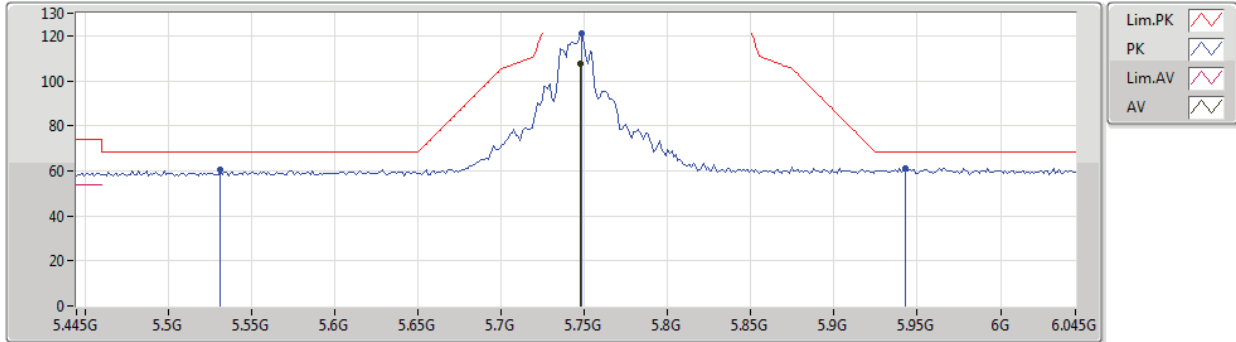
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.739G    | 117.63         | Inf            | -Inf        | 8.26        | 3        | Vertical  | 319         | 2.19       | -       | 109.37     | 31.92   | 10.41   | 34.07   |
| PK   | 5.643G    | 64.93          | 68.20          | -3.27       | 7.92        | 3        | Vertical  | 319         | 2.19       | -       | 57.01      | 31.69   | 10.30   | 34.07   |
| PK   | 5.7402G   | 129.51         | Inf            | -Inf        | 8.26        | 3        | Vertical  | 319         | 2.19       | -       | 121.25     | 31.92   | 10.41   | 34.07   |
| PK   | 5.931G    | 63.62          | 68.20          | -4.58       | 8.87        | 3        | Vertical  | 319         | 2.19       | -       | 54.75      | 32.40   | 10.55   | 34.08   |



802.11ax HEW20\_Nss1,(MCS0)\_4TX

17/09/2019

5745MHz\_TX



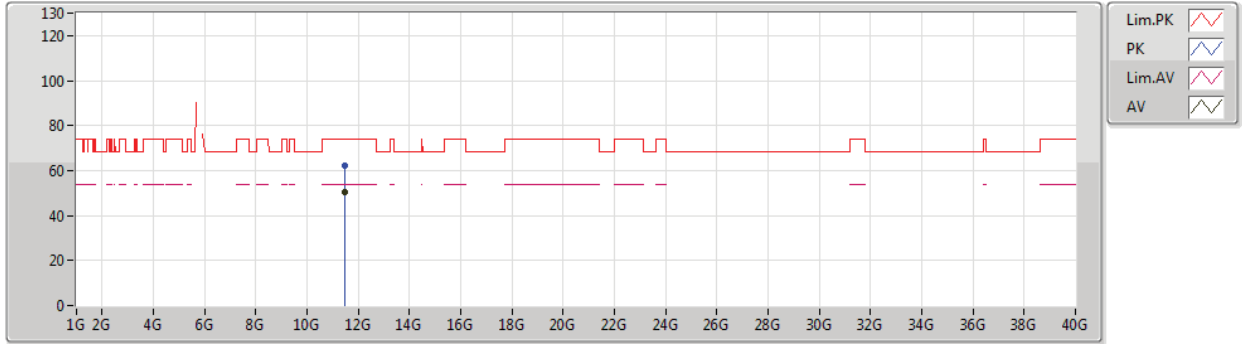
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.7474G   | 107.60         | Inf            | -Inf        | 8.29        | 3        | Horizontal | 300         | 1.50       | -       | 99.31      | 31.94   | 10.42   | 34.07   |
| PK   | 5.5314G   | 60.51          | 68.20          | -7.69       | 7.89        | 3        | Horizontal | 300         | 1.50       | -       | 52.62      | 31.74   | 10.22   | 34.07   |
| PK   | 5.7486G   | 120.82         | Inf            | -Inf        | 8.30        | 3        | Horizontal | 300         | 1.50       | -       | 112.52     | 31.95   | 10.42   | 34.07   |
| PK   | 5.943G    | 61.31          | 68.20          | -6.89       | 8.88        | 3        | Horizontal | 300         | 1.50       | -       | 52.43      | 32.40   | 10.56   | 34.08   |



802.11ax HEW20\_Nss1,(MCS0)\_4TX

17/09/2019

5745MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.49007G | 50.65          | 54.00          | -3.35       | 18.99       | 3        | Vertical  | 342         | 1.39       | -       | 31.66      | 39.56   | 13.62   | 34.19   |
| PK   | 11.48995G | 62.18          | 74.00          | -11.82      | 18.99       | 3        | Vertical  | 342         | 1.39       | -       | 43.19      | 39.56   | 13.62   | 34.19   |

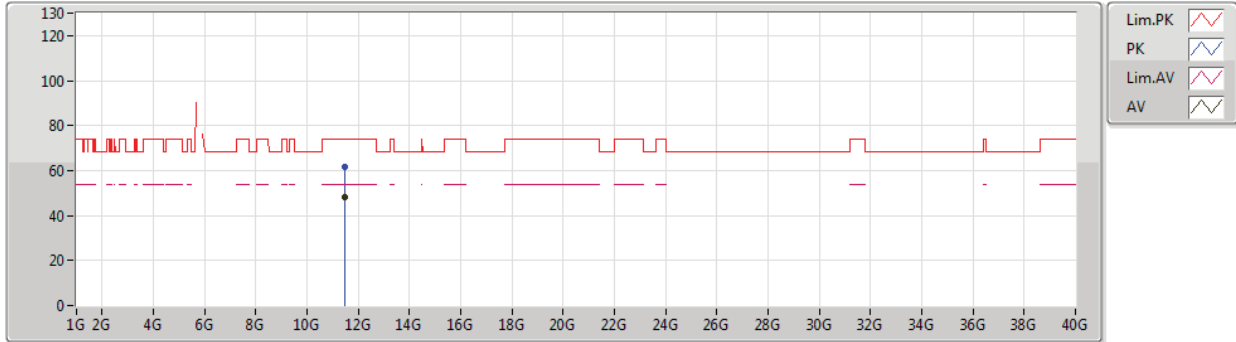




802.11ax HEW20\_Nss1,(MCS0)\_4TX

17/09/2019

5745MHz\_TX



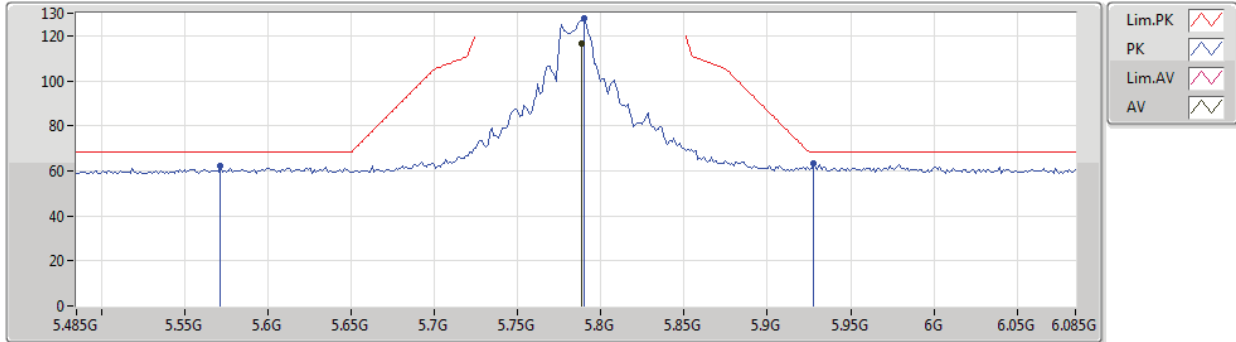
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.49014G | 47.94          | 54.00          | -6.06       | 18.99       | 3        | Horizontal | 51          | 1.59       | -       | 28.95      | 39.56   | 13.62   | 34.19   |
| PK   | 11.48987G | 61.83          | 74.00          | -12.17      | 18.99       | 3        | Horizontal | 51          | 1.59       | -       | 42.84      | 39.56   | 13.62   | 34.19   |



802.11ax HEW20\_Nss1,(MCS0)\_4TX

17/09/2019

5785MHz\_TX



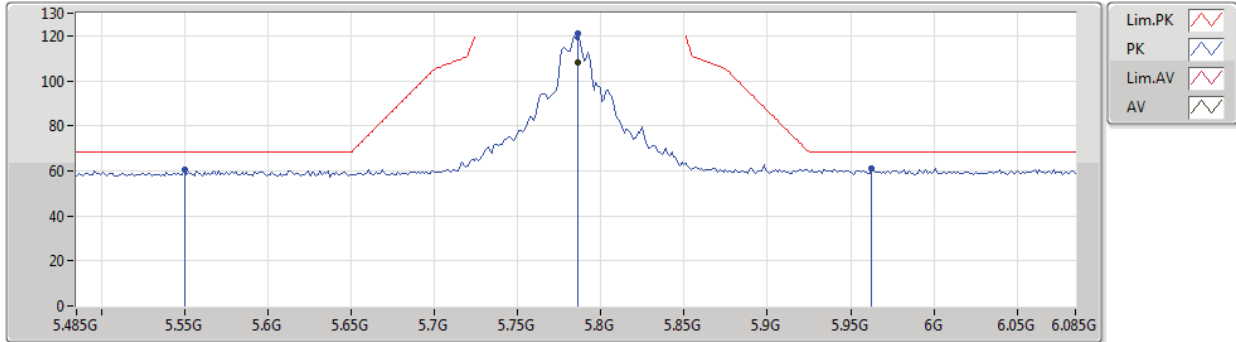
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.7886G   | 116.55         | Inf            | -Inf        | 8.46        | 3        | Vertical  | 314         | 2.18       | -       | 108.09     | 32.07   | 10.47   | 34.08   |
| PK   | 5.5714G   | 61.93          | 68.20          | -6.27       | 7.82        | 3        | Vertical  | 314         | 2.18       | -       | 54.11      | 31.66   | 10.23   | 34.07   |
| PK   | 5.7898G   | 127.84         | Inf            | -Inf        | 8.46        | 3        | Vertical  | 314         | 2.18       | -       | 119.38     | 32.07   | 10.47   | 34.08   |
| PK   | 5.9278G   | 63.24          | 68.20          | -4.96       | 8.87        | 3        | Vertical  | 314         | 2.18       | -       | 54.37      | 32.40   | 10.55   | 34.08   |



802.11ax HEW20\_Nss1,(MCS0)\_4TX

17/09/2019

5785MHz\_TX



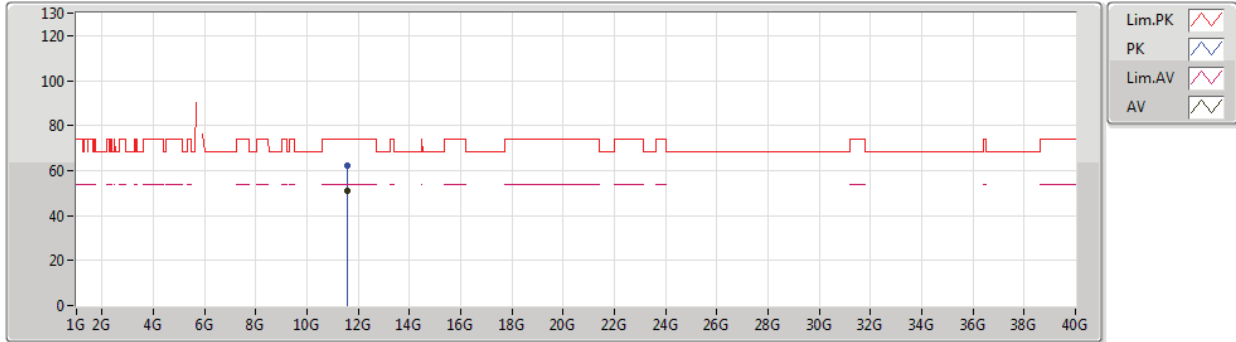
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.7862G   | 107.99         | Inf            | -Inf        | 8.45        | 3        | Horizontal | 296         | 1.50       | -       | 99.54      | 32.06   | 10.47   | 34.08   |
| PK   | 5.5498G   | 60.42          | 68.20          | -7.78       | 7.86        | 3        | Horizontal | 296         | 1.50       | -       | 52.56      | 31.70   | 10.23   | 34.07   |
| PK   | 5.7862G   | 121.21         | Inf            | -Inf        | 8.45        | 3        | Horizontal | 296         | 1.50       | -       | 112.76     | 32.06   | 10.47   | 34.08   |
| PK   | 5.9626G   | 61.30          | 68.20          | -6.90       | 8.89        | 3        | Horizontal | 296         | 1.50       | -       | 52.41      | 32.40   | 10.57   | 34.08   |



802.11ax HEW20\_Nss1,(MCS0)\_4TX

17/09/2019

5785MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.57004G | 50.72          | 54.00          | -3.28       | 18.94       | 3        | Vertical  | 341         | 1.30       | -       | 31.78      | 39.46   | 13.67   | 34.19   |
| PK   | 11.57014G | 62.39          | 74.00          | -11.61      | 18.94       | 3        | Vertical  | 341         | 1.30       | -       | 43.45      | 39.46   | 13.67   | 34.19   |

Remark :

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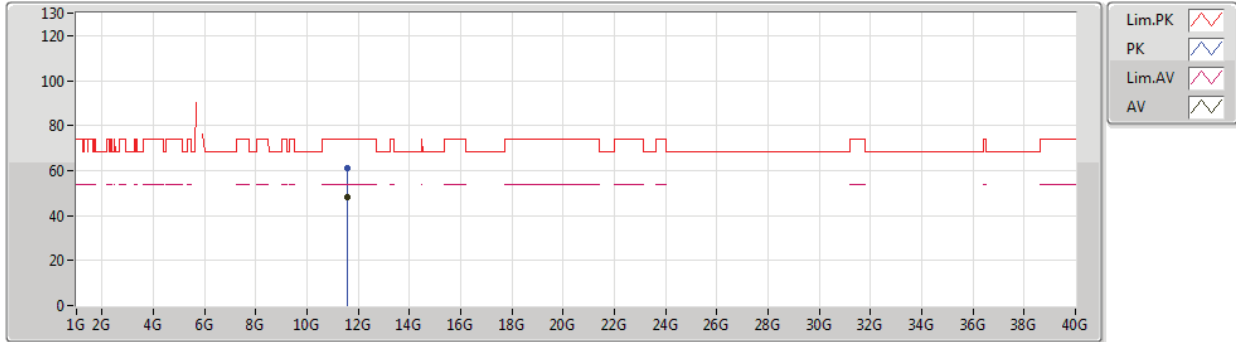
Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA( Preamp Factor)



802.11ax HEW20\_Nss1,(MCS0)\_4TX

17/09/2019

5785MHz\_TX



| Type | Freq (Hz)  | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|------------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.569999G | 48.15          | 54.00          | -5.85       | 18.94       | 3        | Horizontal | 350         | 1.86       | -       | 29.21      | 39.46   | 13.67   | 34.19   |
| PK   | 11.5704G   | 61.13          | 74.00          | -12.87      | 18.94       | 3        | Horizontal | 350         | 1.86       | -       | 42.19      | 39.46   | 13.67   | 34.19   |

Remark :

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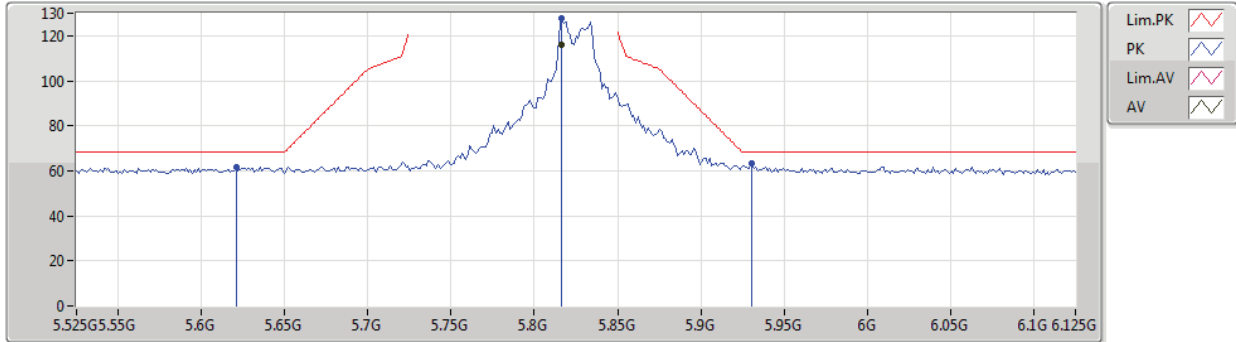
Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA( Preamp Factor)



802.11ax HEW20\_Nss1,(MCS0)\_4TX

17/09/2019

5825MHz\_TX



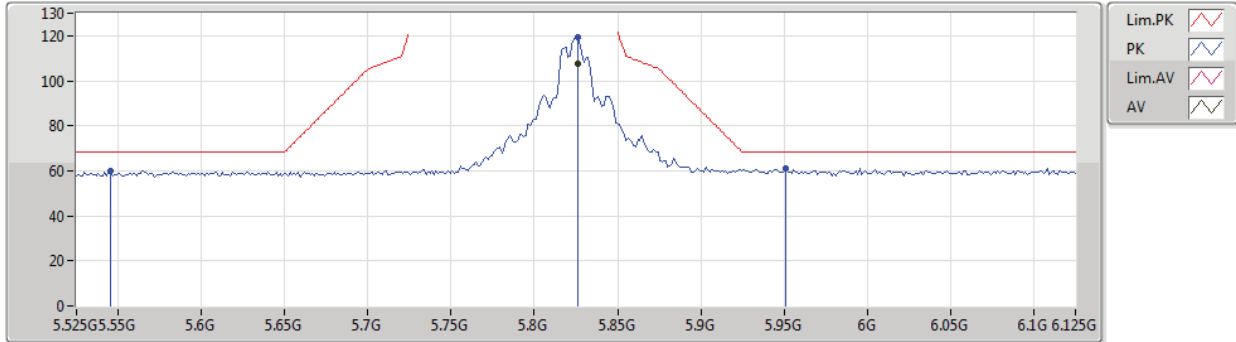
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.8166G   | 116.18         | Inf            | -Inf        | 8.57        | 3        | Vertical  | 326         | 2.00       | -       | 107.61     | 32.15   | 10.50   | 34.08   |
| PK   | 5.621G    | 61.69          | 68.20          | -6.51       | 7.84        | 3        | Vertical  | 326         | 2.00       | -       | 53.85      | 31.64   | 10.27   | 34.07   |
| PK   | 5.8166G   | 127.72         | Inf            | -Inf        | 8.57        | 3        | Vertical  | 326         | 2.00       | -       | 119.15     | 32.15   | 10.50   | 34.08   |
| PK   | 5.9306G   | 63.35          | 68.20          | -4.85       | 8.87        | 3        | Vertical  | 326         | 2.00       | -       | 54.48      | 32.40   | 10.55   | 34.08   |



802.11ax HEW20\_Nss1,(MCS0)\_4TX

17/09/2019

5825MHz\_TX



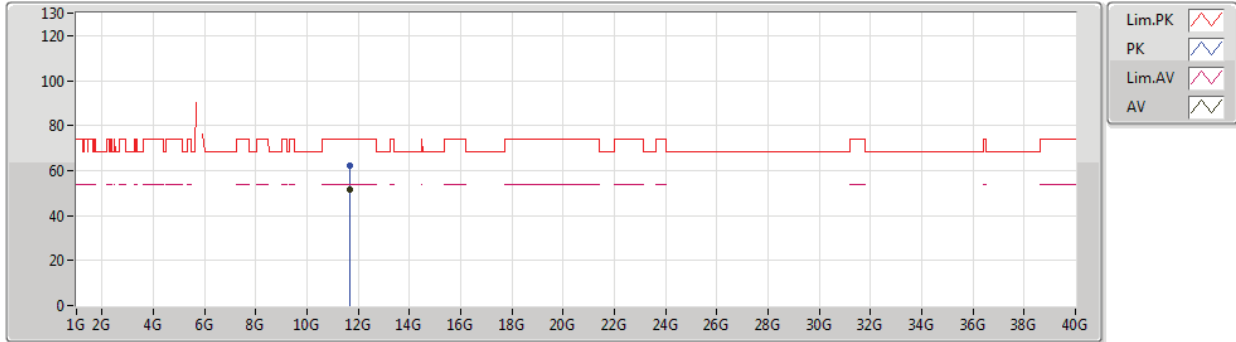
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.8262G   | 107.37         | Inf            | -Inf        | 8.60        | 3        | Horizontal | 296         | 1.50       | -       | 98.77      | 32.18   | 10.50   | 34.08   |
| PK   | 5.5454G   | 60.14          | 68.20          | -8.06       | 7.87        | 3        | Horizontal | 296         | 1.50       | -       | 52.27      | 31.71   | 10.23   | 34.07   |
| PK   | 5.8262G   | 119.17         | Inf            | -Inf        | 8.60        | 3        | Horizontal | 296         | 1.50       | -       | 110.57     | 32.18   | 10.50   | 34.08   |
| PK   | 5.951G    | 61.09          | 68.20          | -7.11       | 8.88        | 3        | Horizontal | 296         | 1.50       | -       | 52.21      | 32.40   | 10.56   | 34.08   |



802.11ax HEW20\_Nss1,(MCS0)\_4TX

17/09/2019

5825MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.64998G | 51.49          | 54.00          | -2.51       | 18.87       | 3        | Vertical  | 341         | 1.26       | -       | 32.62      | 39.36   | 13.71   | 34.20   |
| PK   | 11.64981G | 62.12          | 74.00          | -11.88      | 18.87       | 3        | Vertical  | 341         | 1.26       | -       | 43.25      | 39.36   | 13.71   | 34.20   |

Remark :

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Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA( Preamp Factor)

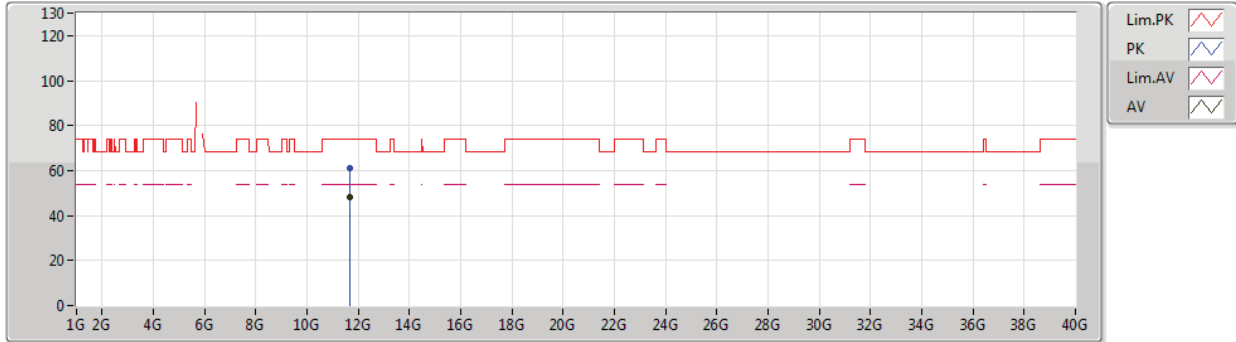




802.11ax HEW20\_Nss1,(MCS0)\_4TX

17/09/2019

5825MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.64992G | 48.33          | 54.00          | -5.67       | 18.87       | 3        | Horizontal | 349         | 2.01       | -       | 29.46      | 39.36   | 13.71   | 34.20   |
| PK   | 11.64976G | 61.33          | 74.00          | -12.67      | 18.87       | 3        | Horizontal | 349         | 2.01       | -       | 42.46      | 39.36   | 13.71   | 34.20   |

Remark :

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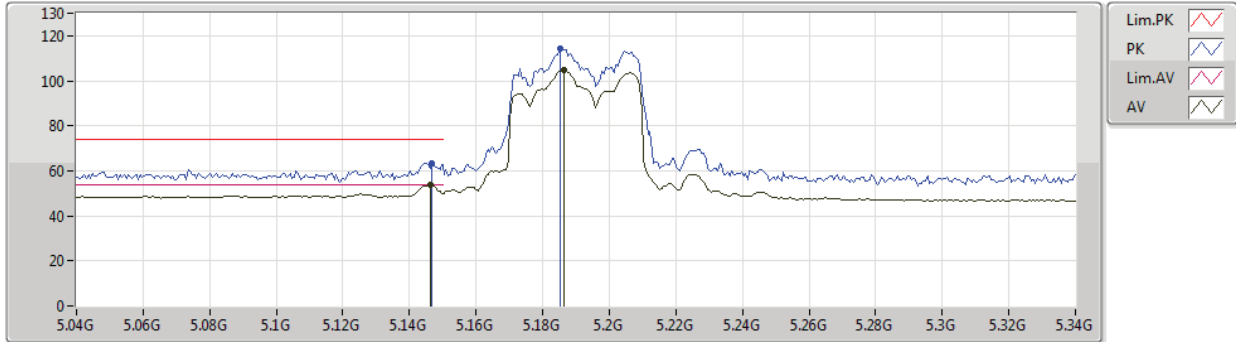
Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA( Preamp Factor)



802.11ax HEW40\_Nss1,(MCS0)\_4TX

18/09/2019

5190MHz\_TX



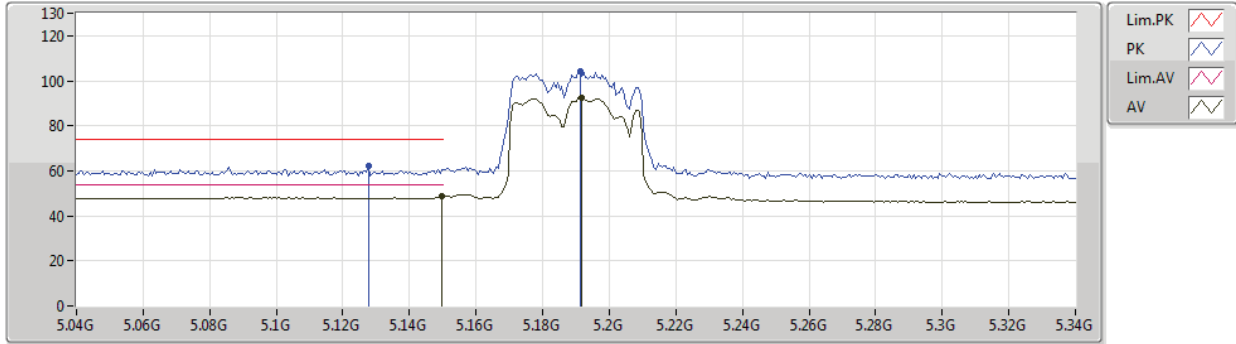
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.1462G   | 53.88          | 54.00          | -0.12       | 7.85        | 3        | Vertical  | 154         | 1.50       | -       | 46.03      | 31.82   | 10.08   | 34.05   |
| AV   | 5.1864G   | 104.62         | Inf            | -Inf        | 7.68        | 3        | Vertical  | 154         | 1.50       | -       | 96.94      | 31.65   | 10.08   | 34.05   |
| PK   | 5.1468G   | 63.42          | 74.00          | -10.58      | 7.84        | 3        | Vertical  | 154         | 1.50       | -       | 55.58      | 31.81   | 10.08   | 34.05   |
| PK   | 5.1852G   | 114.10         | Inf            | -Inf        | 7.69        | 3        | Vertical  | 154         | 1.50       | -       | 106.41     | 31.66   | 10.08   | 34.05   |



802.11ax HEW40\_Nss1,(MCS0)\_4TX

18/09/2019

5190MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.1498G   | 48.63          | 54.00          | -5.37       | 7.83        | 3        | Horizontal | 39          | 1.50       | -       | 40.80      | 31.80   | 10.08   | 34.05   |
| AV   | 5.1918G   | 92.58          | Inf            | -Inf        | 7.66        | 3        | Horizontal | 39          | 1.50       | -       | 84.92      | 31.63   | 10.08   | 34.05   |
| PK   | 5.1276G   | 61.92          | 74.00          | -12.08      | 7.92        | 3        | Horizontal | 39          | 1.50       | -       | 54.00      | 31.89   | 10.08   | 34.05   |
| PK   | 5.1912G   | 104.38         | Inf            | -Inf        | 7.67        | 3        | Horizontal | 39          | 1.50       | -       | 96.71      | 31.64   | 10.08   | 34.05   |

Remark :

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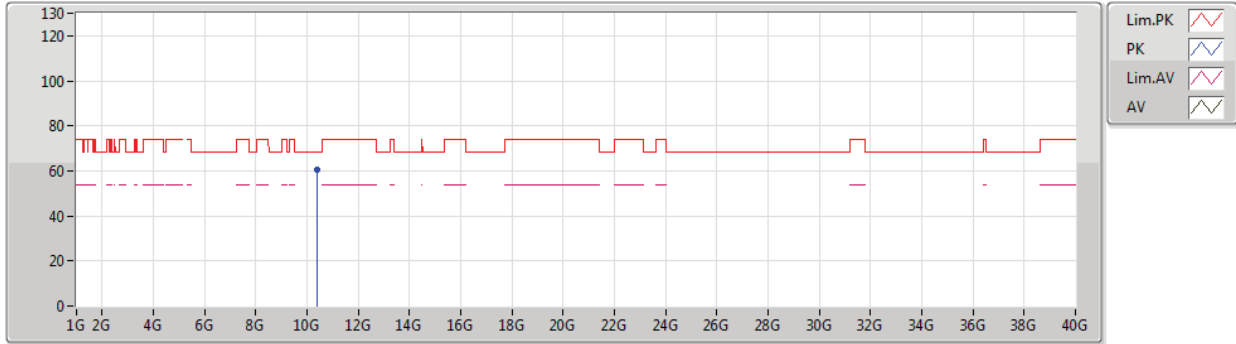
Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA( Preamp Factor)



802.11ax HEW40\_Nss1,(MCS0)\_4TX

18/09/2019

5190MHz\_TX



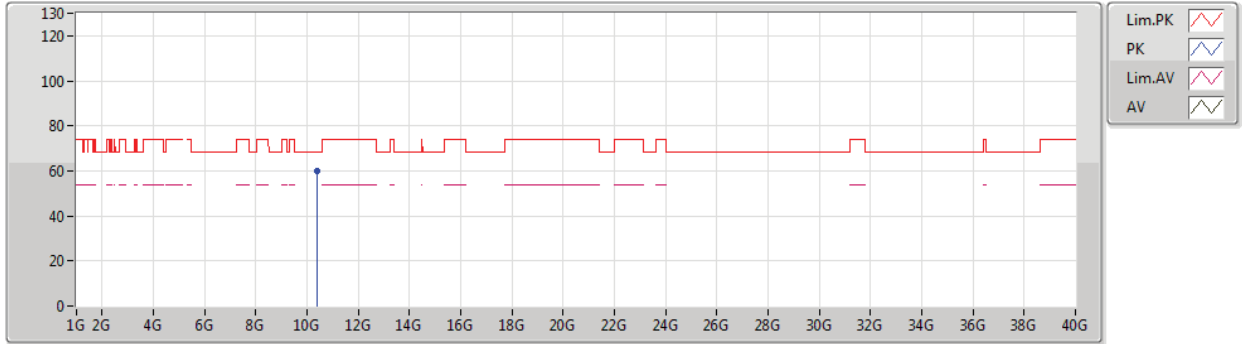
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| PK   | 10.38017G | 60.53          | 68.20          | -7.67       | 17.84       | 3        | Vertical  | 314         | 2.28       | -       | 42.69      | 39.39   | 12.98   | 34.53   |



802.11ax HEW40\_Nss1,(MCS0)\_4TX

18/09/2019

5190MHz\_TX



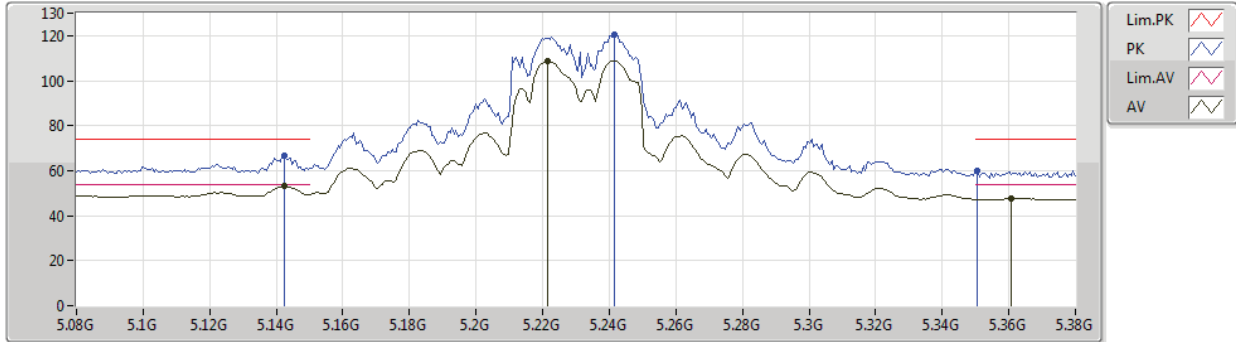
| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| PK   | 10.38036G    | 60.23             | 68.20             | -7.97          | 17.84          | 3           | Horizontal | 44             | 2.69          | -       | 42.39         | 39.39      | 12.98      | 34.53      |



802.11ax HEW40\_Nss1,(MCS0)\_4TX

18/09/2019

5230MHz\_TX



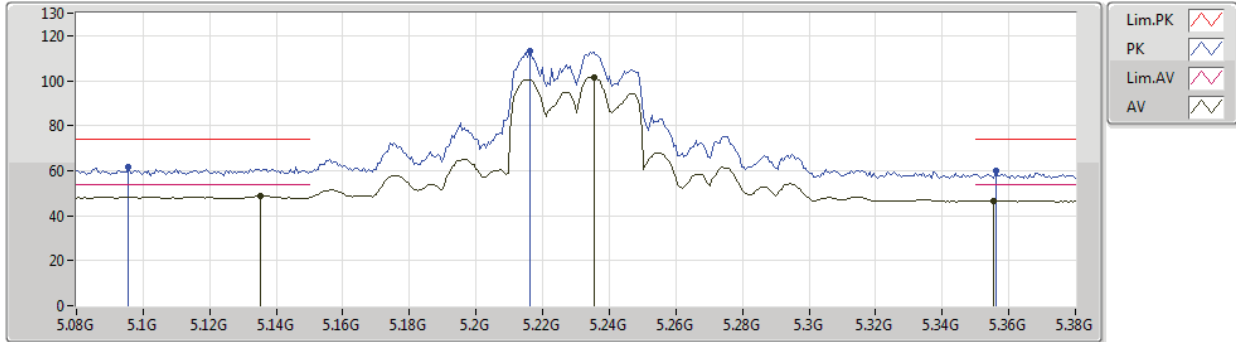
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.1424G   | 53.17          | 54.00          | -0.83       | 7.86        | 3        | Vertical  | 18          | 1.50       | -       | 45.31      | 31.83   | 10.08   | 34.05   |
| AV   | 5.2216G   | 108.78         | Inf            | -Inf        | 7.55        | 3        | Vertical  | 18          | 1.50       | -       | 101.23     | 31.51   | 10.09   | 34.05   |
| AV   | 5.3608G   | 47.67          | 54.00          | -6.33       | 7.49        | 3        | Vertical  | 18          | 1.50       | -       | 40.18      | 31.38   | 10.17   | 34.06   |
| PK   | 5.1424G   | 66.81          | 74.00          | -7.19       | 7.86        | 3        | Vertical  | 18          | 1.50       | -       | 58.95      | 31.83   | 10.08   | 34.05   |
| PK   | 5.2414G   | 120.53         | Inf            | -Inf        | 7.48        | 3        | Vertical  | 18          | 1.50       | -       | 113.05     | 31.43   | 10.10   | 34.05   |
| PK   | 5.3506G   | 60.07          | 74.00          | -13.93      | 7.45        | 3        | Vertical  | 18          | 1.50       | -       | 52.62      | 31.35   | 10.16   | 34.06   |



802.11ax HEW40\_Nss1,(MCS0)\_4TX

18/09/2019

5230MHz\_TX



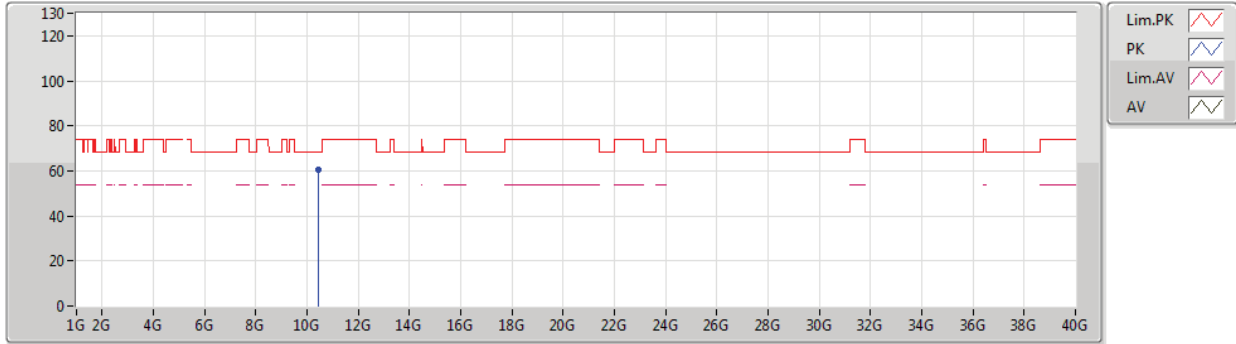
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.1352G   | 48.64          | 54.00          | -5.36       | 7.89        | 3        | Horizontal | 299         | 2.28       | -       | 40.75      | 31.86   | 10.08   | 34.05   |
| AV   | 5.2354G   | 101.64         | Inf            | -Inf        | 7.51        | 3        | Horizontal | 299         | 2.28       | -       | 94.13      | 31.46   | 10.10   | 34.05   |
| AV   | 5.3554G   | 46.66          | 54.00          | -7.34       | 7.47        | 3        | Horizontal | 299         | 2.28       | -       | 39.19      | 31.37   | 10.16   | 34.06   |
| PK   | 5.0956G   | 61.59          | 74.00          | -12.41      | 8.01        | 3        | Horizontal | 299         | 2.28       | -       | 53.58      | 31.98   | 10.08   | 34.05   |
| PK   | 5.2162G   | 113.02         | Inf            | -Inf        | 7.58        | 3        | Horizontal | 299         | 2.28       | -       | 105.44     | 31.54   | 10.09   | 34.05   |
| PK   | 5.356G    | 59.80          | 74.00          | -14.20      | 7.47        | 3        | Horizontal | 299         | 2.28       | -       | 52.33      | 31.37   | 10.16   | 34.06   |



802.11ax HEW40\_Nss1,(MCS0)\_4TX

18/09/2019

5230MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| PK   | 10.45997G | 60.76          | 68.20          | -7.44       | 18.04       | 3        | Vertical  | 307         | 2.24       | -       | 42.72      | 39.50   | 13.02   | 34.48   |

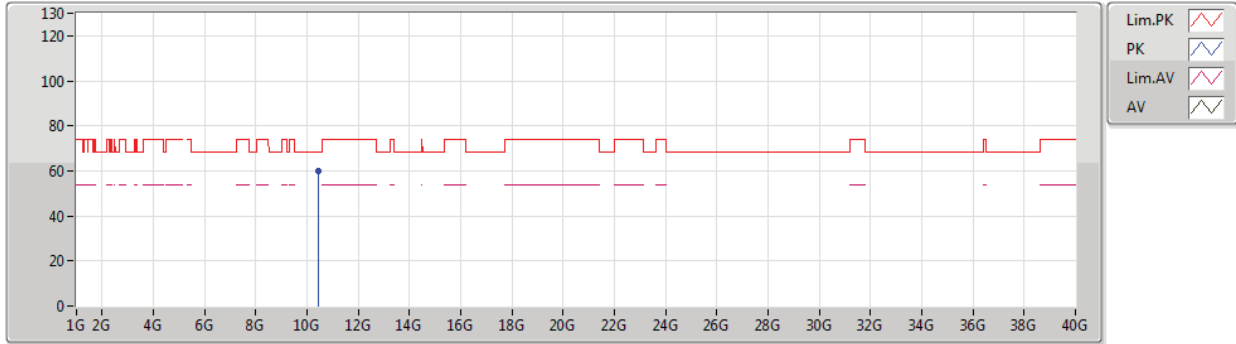




802.11ax HEW40\_Nss1,(MCS0)\_4TX

18/09/2019

5230MHz\_TX



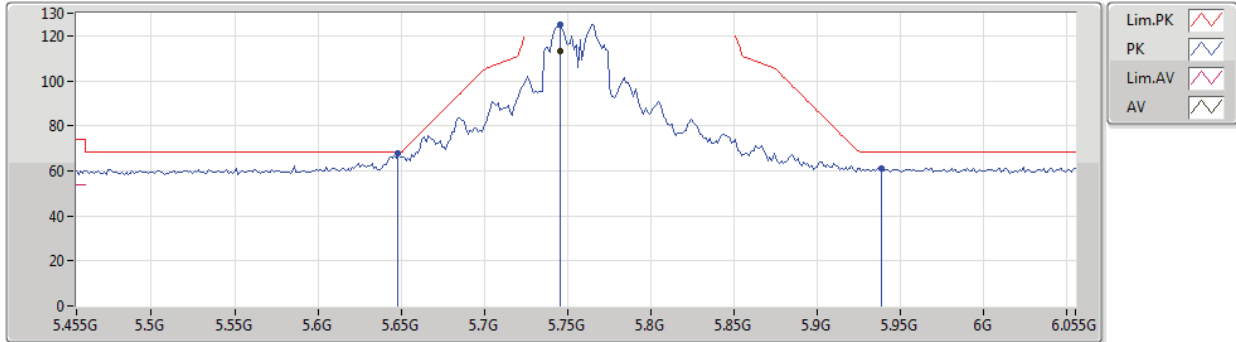
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| PK   | 10.46036G | 60.10          | 68.20          | -8.10       | 18.04       | 3        | Horizontal | 199         | 1.49       | -       | 42.06      | 39.50   | 13.02   | 34.48   |



802.11ax HEW40\_Nss1,(MCS0)\_4TX

18/09/2019

5755MHz\_TX



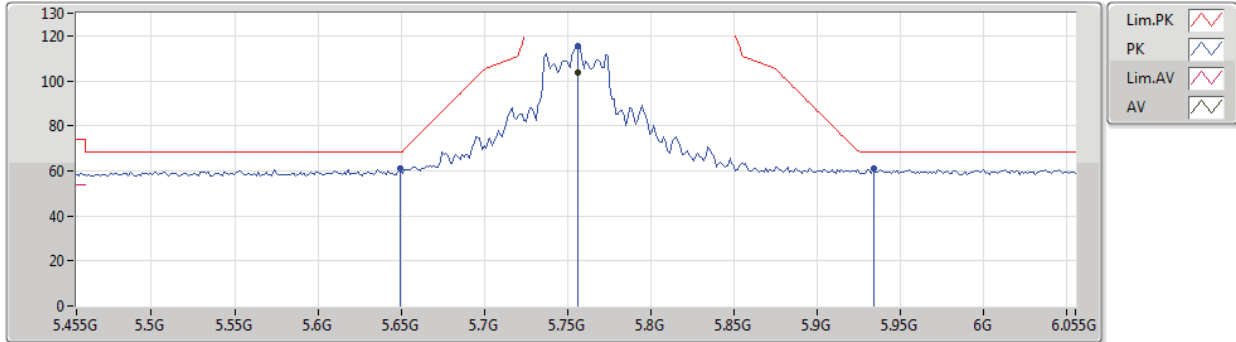
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.7454G   | 112.93         | Inf            | -Inf        | 8.29        | 3        | Vertical  | 313         | 1.50       | -       | 104.64     | 31.94   | 10.42   | 34.07   |
| PK   | 5.6482G   | 67.77          | 68.20          | -0.43       | 7.93        | 3        | Vertical  | 313         | 1.50       | -       | 59.84      | 31.70   | 10.30   | 34.07   |
| PK   | 5.7454G   | 124.81         | Inf            | -Inf        | 8.29        | 3        | Vertical  | 313         | 1.50       | -       | 116.52     | 31.94   | 10.42   | 34.07   |
| PK   | 5.9386G   | 61.04          | 68.20          | -7.16       | 8.87        | 3        | Vertical  | 313         | 1.50       | -       | 52.17      | 32.40   | 10.55   | 34.08   |



802.11ax HEW40\_Nss1,(MCS0)\_4TX

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5755MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.7562G   | 103.62         | Inf            | -Inf        | 8.32        | 3        | Horizontal | 294         | 1.50       | -       | 95.30      | 31.97   | 10.43   | 34.08   |
| PK   | 5.6494G   | 61.01          | 68.20          | -7.19       | 7.93        | 3        | Horizontal | 294         | 1.50       | -       | 53.08      | 31.70   | 10.30   | 34.07   |
| PK   | 5.7562G   | 115.35         | Inf            | -Inf        | 8.32        | 3        | Horizontal | 294         | 1.50       | -       | 107.03     | 31.97   | 10.43   | 34.08   |
| PK   | 5.9338G   | 61.27          | 68.20          | -6.93       | 8.87        | 3        | Horizontal | 294         | 1.50       | -       | 52.40      | 32.40   | 10.55   | 34.08   |

Remark :

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Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA( Preamp Factor)

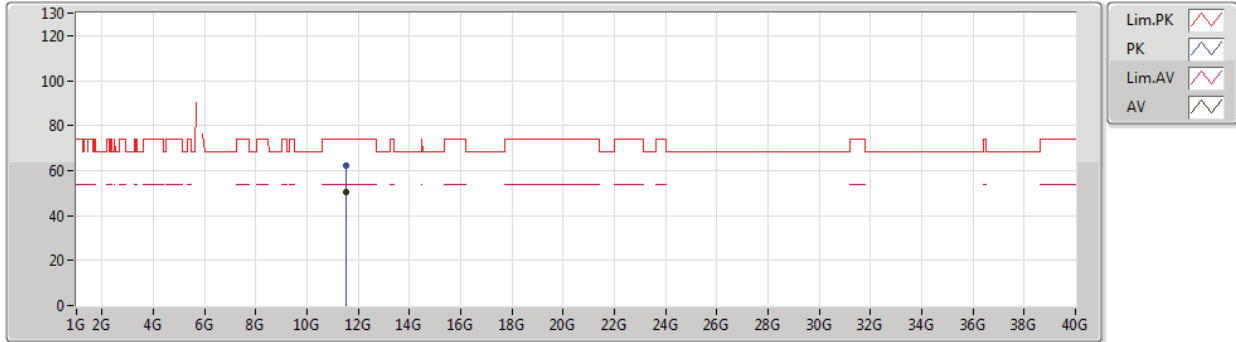
9N1813-01



802.11ax HEW40\_Nss1,(MCS0)\_4TX

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5755MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.51009G | 50.33          | 54.00          | -3.67       | 18.98       | 3        | Vertical  | 345         | 1.24       | -       | 31.35      | 39.54   | 13.63   | 34.19   |
| PK   | 11.50987G | 61.94          | 74.00          | -12.06      | 18.98       | 3        | Vertical  | 345         | 1.24       | -       | 42.96      | 39.54   | 13.63   | 34.19   |

Remark :

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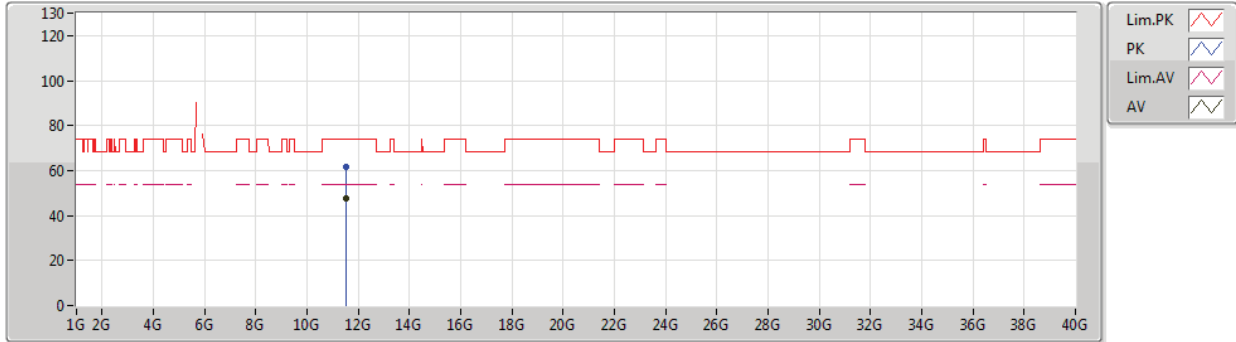
Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA( Preamp Factor)



802.11ax HEW40\_Nss1,(MCS0)\_4TX

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5755MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.51008G | 47.90          | 54.00          | -6.10       | 18.98       | 3        | Horizontal | 351         | 1.97       | -       | 28.92      | 39.54   | 13.63   | 34.19   |
| PK   | 11.50999G | 61.47          | 74.00          | -12.53      | 18.98       | 3        | Horizontal | 351         | 1.97       | -       | 42.49      | 39.54   | 13.63   | 34.19   |

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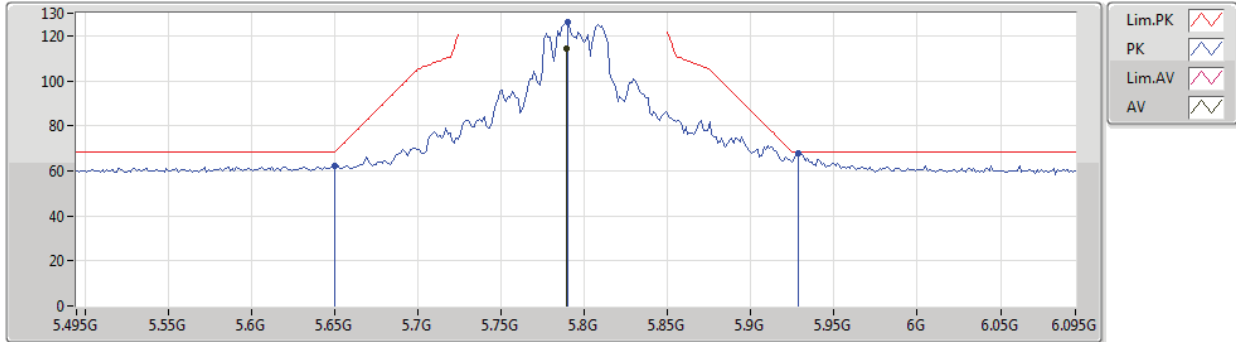
Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA( Preamp Factor)



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5795MHz\_TX



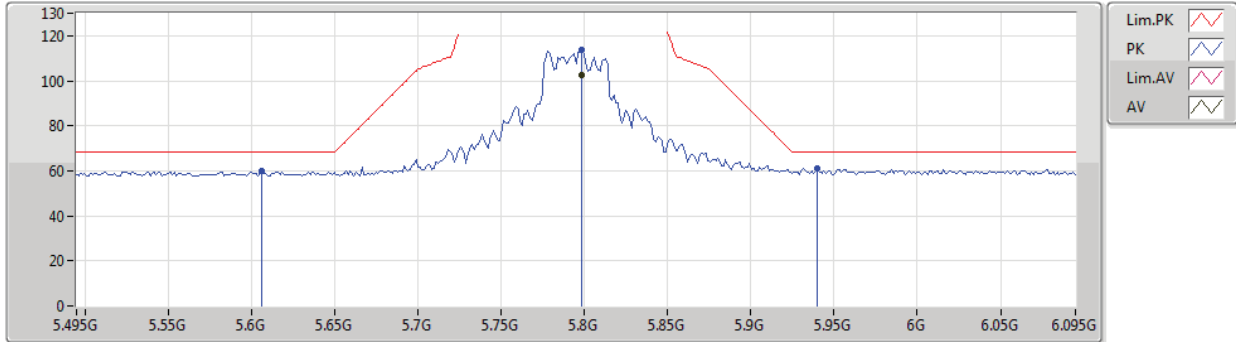
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.789G    | 114.16         | Inf            | -Inf        | 8.46        | 3        | Vertical  | 318         | 2.17       | -       | 105.70     | 32.07   | 10.47   | 34.08   |
| PK   | 5.6498G   | 62.36          | 68.20          | -5.84       | 7.93        | 3        | Vertical  | 318         | 2.17       | -       | 54.43      | 31.70   | 10.30   | 34.07   |
| PK   | 5.7902G   | 126.14         | Inf            | -Inf        | 8.47        | 3        | Vertical  | 318         | 2.17       | -       | 117.67     | 32.07   | 10.48   | 34.08   |
| PK   | 5.9282G   | 67.55          | 68.20          | -0.65       | 8.87        | 3        | Vertical  | 318         | 2.17       | -       | 58.68      | 32.40   | 10.55   | 34.08   |



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5795MHz\_TX



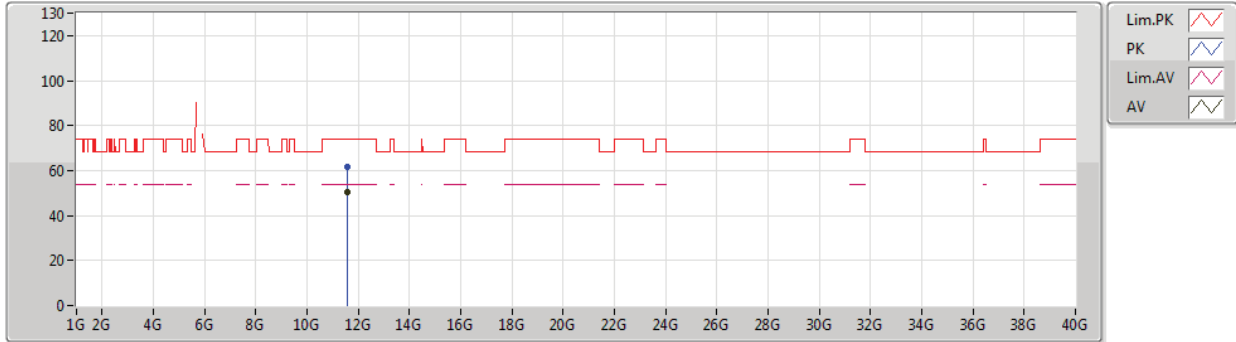
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.7986G   | 102.57         | Inf            | -Inf        | 8.51        | 3        | Horizontal | 296         | 1.50       | -       | 94.06      | 32.10   | 10.49   | 34.08   |
| PK   | 5.6066G   | 60.05          | 68.20          | -8.15       | 7.79        | 3        | Horizontal | 296         | 1.50       | -       | 52.26      | 31.61   | 10.25   | 34.07   |
| PK   | 5.7986G   | 113.78         | Inf            | -Inf        | 8.51        | 3        | Horizontal | 296         | 1.50       | -       | 105.27     | 32.10   | 10.49   | 34.08   |
| PK   | 5.9402G   | 61.21          | 68.20          | -6.99       | 8.87        | 3        | Horizontal | 296         | 1.50       | -       | 52.34      | 32.40   | 10.55   | 34.08   |



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| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.59012G | 50.29          | 54.00          | -3.71       | 18.91       | 3        | Vertical  | 341         | 1.36       | -       | 31.38      | 39.43   | 13.68   | 34.20   |
| PK   | 11.59008G | 61.71          | 74.00          | -12.29      | 18.91       | 3        | Vertical  | 341         | 1.36       | -       | 42.80      | 39.43   | 13.68   | 34.20   |

Remark :

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Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA( Preamp Factor)

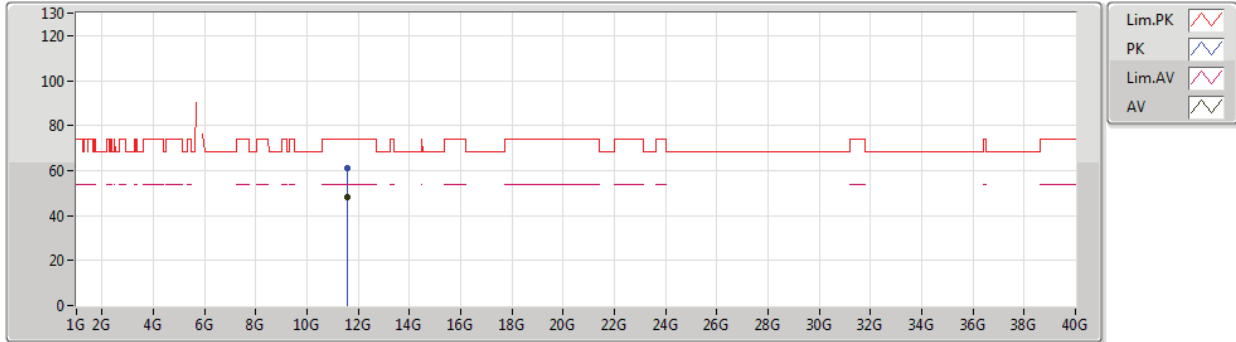




802.11ax HEW40\_Nss1,(MCS0)\_4TX

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5795MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.59012G | 48.12          | 54.00          | -5.88       | 18.91       | 3        | Horizontal | 355         | 1.87       | -       | 29.21      | 39.43   | 13.68   | 34.20   |
| PK   | 11.59012G | 60.80          | 74.00          | -13.20      | 18.91       | 3        | Horizontal | 355         | 1.87       | -       | 41.89      | 39.43   | 13.68   | 34.20   |

Remark :

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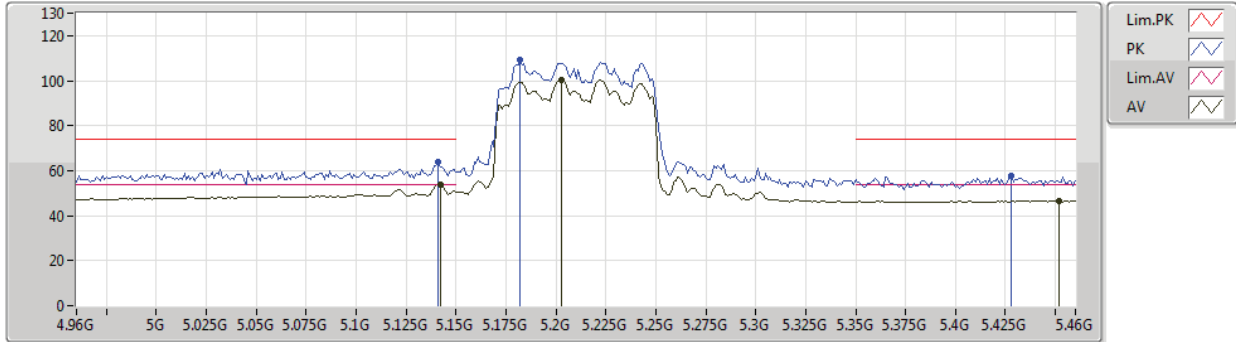
Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA( Preamp Factor)



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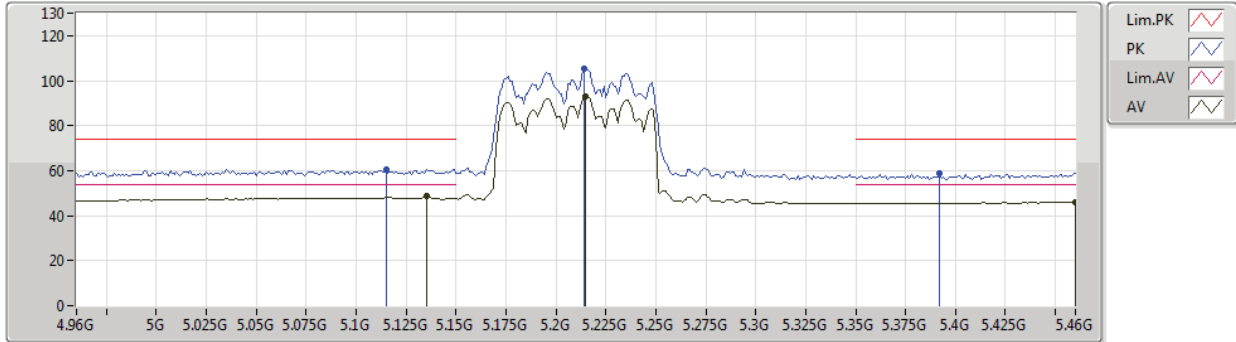
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.142G    | 53.72          | 54.00          | -0.28       | 7.86        | 3        | Vertical  | 253         | 1.50       | -       | 45.86      | 31.83   | 10.08   | 34.05   |
| AV   | 5.203G    | 100.53         | Inf            | -Inf        | 7.62        | 3        | Vertical  | 253         | 1.50       | -       | 92.91      | 31.59   | 10.08   | 34.05   |
| AV   | 5.452G    | 46.78          | 54.00          | -7.22       | 7.79        | 3        | Vertical  | 253         | 1.50       | -       | 38.99      | 31.66   | 10.20   | 34.07   |
| PK   | 5.141G    | 63.86          | 74.00          | -10.14      | 7.87        | 3        | Vertical  | 253         | 1.50       | -       | 55.99      | 31.84   | 10.08   | 34.05   |
| PK   | 5.182G    | 109.19         | Inf            | -Inf        | 7.70        | 3        | Vertical  | 253         | 1.50       | -       | 101.49     | 31.67   | 10.08   | 34.05   |
| PK   | 5.428G    | 57.52          | 74.00          | -16.48      | 7.71        | 3        | Vertical  | 253         | 1.50       | -       | 49.81      | 31.58   | 10.19   | 34.06   |



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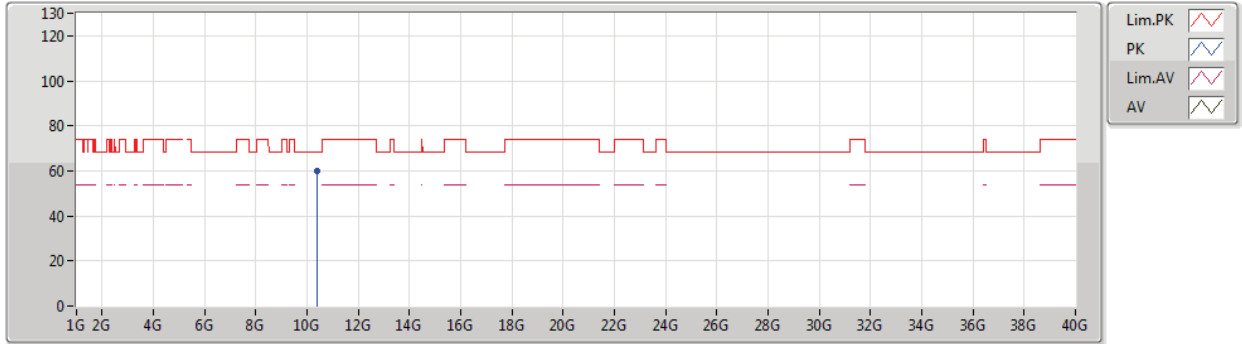
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.135G    | 48.49          | 54.00          | -5.51       | 7.89        | 3        | Horizontal | 34          | 1.00       | -       | 40.60      | 31.86   | 10.08   | 34.05   |
| AV   | 5.215G    | 93.00          | Inf            | -Inf        | 7.58        | 3        | Horizontal | 34          | 1.00       | -       | 85.42      | 31.54   | 10.09   | 34.05   |
| AV   | 5.46G     | 46.02          | 54.00          | -7.98       | 7.81        | 3        | Horizontal | 34          | 1.00       | -       | 38.21      | 31.68   | 10.20   | 34.07   |
| PK   | 5.115G    | 60.77          | 74.00          | -13.23      | 7.97        | 3        | Horizontal | 34          | 1.00       | -       | 52.80      | 31.94   | 10.08   | 34.05   |
| PK   | 5.214G    | 105.16         | Inf            | -Inf        | 7.58        | 3        | Horizontal | 34          | 1.00       | -       | 97.58      | 31.54   | 10.09   | 34.05   |
| PK   | 5.392G    | 58.92          | 74.00          | -15.08      | 7.60        | 3        | Horizontal | 34          | 1.00       | -       | 51.32      | 31.48   | 10.18   | 34.06   |



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| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| PK   | 10.40686G | 60.13          | 68.20          | -8.07       | 17.90       | 3        | Vertical  | 43          | 2.36       | -       | 42.23      | 39.43   | 12.99   | 34.52   |

Remark :

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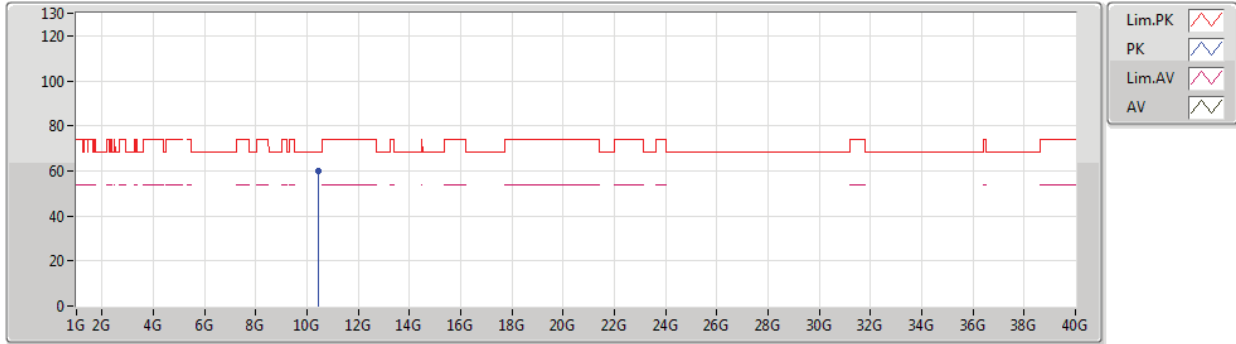
Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA( Preamp Factor)



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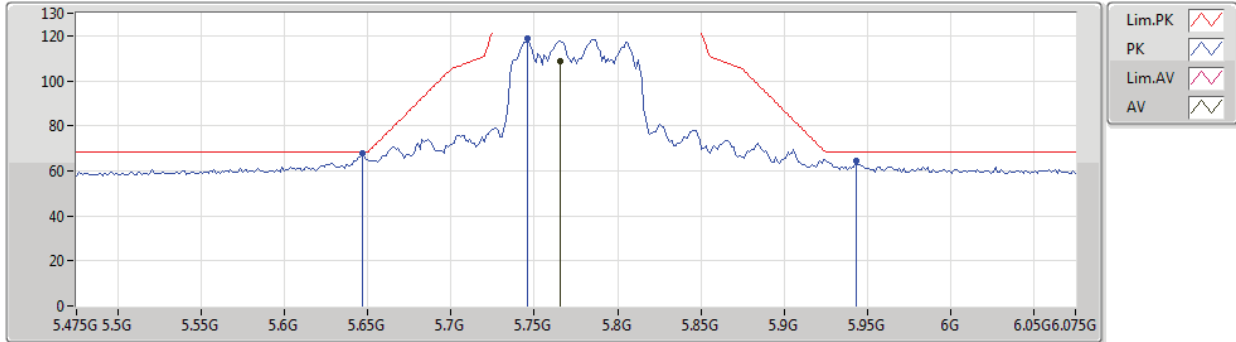
| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| PK   | 10.4266G     | 59.97             | 68.20             | -8.23          | 17.95          | 3           | Horizontal | 11             | 1.50          | -       | 42.02         | 39.45      | 13.00      | 34.50      |



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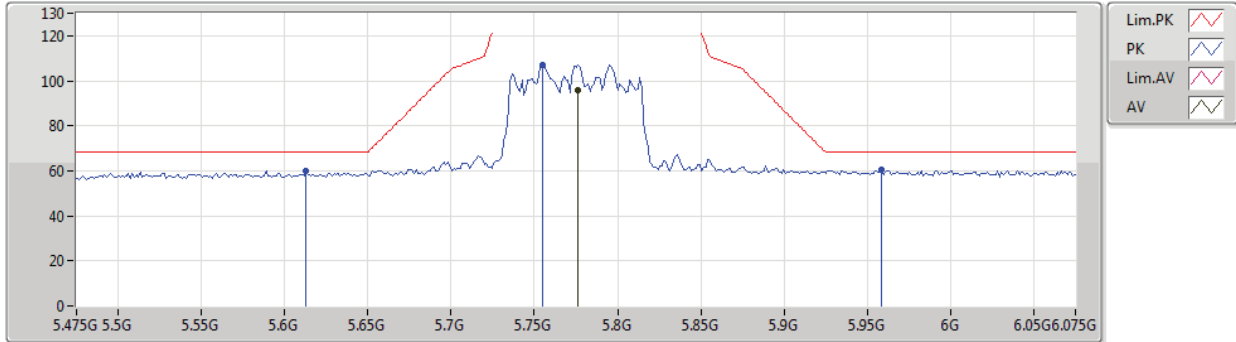
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.7654G   | 108.54         | Inf            | -Inf        | 8.36        | 3        | Vertical  | 55          | 1.78       | -       | 100.18     | 32.00   | 10.44   | 34.08   |
| PK   | 5.6466G   | 67.86          | 68.20          | -0.34       | 7.92        | 3        | Vertical  | 55          | 1.78       | -       | 59.94      | 31.69   | 10.30   | 34.07   |
| PK   | 5.7462G   | 118.87         | Inf            | -Inf        | 8.29        | 3        | Vertical  | 55          | 1.78       | -       | 110.58     | 31.94   | 10.42   | 34.07   |
| PK   | 5.943G    | 64.49          | 68.20          | -3.71       | 8.88        | 3        | Vertical  | 55          | 1.78       | -       | 55.61      | 32.40   | 10.56   | 34.08   |



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5775MHz\_TX



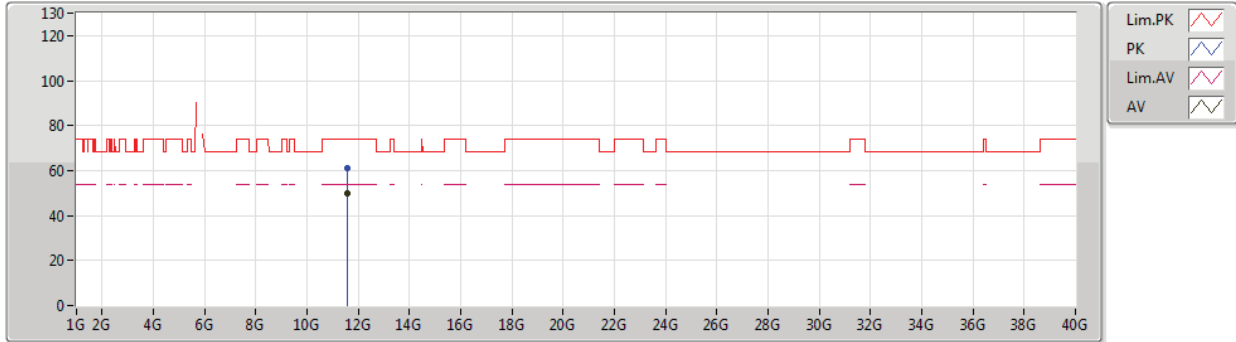
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.7762G   | 95.55          | Inf            | -Inf        | 8.41        | 3        | Horizontal | 34          | 1.49       | -       | 87.14      | 32.03   | 10.46   | 34.08   |
| PK   | 5.613G    | 59.76          | 68.20          | -8.44       | 7.82        | 3        | Horizontal | 34          | 1.49       | -       | 51.94      | 31.63   | 10.26   | 34.07   |
| PK   | 5.7546G   | 107.08         | Inf            | -Inf        | 8.31        | 3        | Horizontal | 34          | 1.49       | -       | 98.77      | 31.96   | 10.43   | 34.08   |
| PK   | 5.9586G   | 60.30          | 68.20          | -7.90       | 8.88        | 3        | Horizontal | 34          | 1.49       | -       | 51.42      | 32.40   | 10.56   | 34.08   |



802.11ax HEW80\_Nss1,(MCS0)\_4TX

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5775MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.54989G | 49.90          | 54.00          | -4.10       | 18.95       | 3        | Vertical  | 78          | 1.49       | -       | 30.95      | 39.49   | 13.65   | 34.19   |
| PK   | 11.54982G | 61.10          | 74.00          | -12.90      | 18.95       | 3        | Vertical  | 78          | 1.49       | -       | 42.15      | 39.49   | 13.65   | 34.19   |

Remark :

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Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA( Preamp Factor)

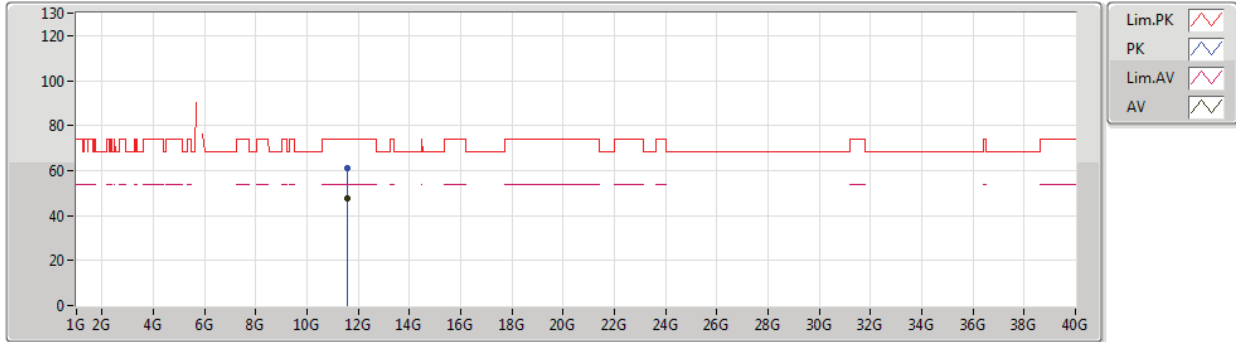




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19/09/2019

5775MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.55009G | 47.73          | 54.00          | -6.27       | 18.94       | 3        | Horizontal | 87          | 1.41       | -       | 28.79      | 39.48   | 13.65   | 34.19   |
| PK   | 11.55023G | 61.00          | 74.00          | -13.00      | 18.94       | 3        | Horizontal | 87          | 1.41       | -       | 42.06      | 39.48   | 13.65   | 34.19   |

Remark :

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Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA( Preamp Factor)



Summary

| Mode                              | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|-----------------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|-----------|----------------|---------------|----------|
| 5.725-5.85GHz                     | -      | -    | -            | -                 | -                 | -              | -           | -         | -              | -             | -        |
| 802.11ax HEW80-BF_Nss1,(MCS0)_4TX | Pass   | PK   | 35.82M       | 36.03             | 40.00             | -3.97          | 3           | Vertical  | 360            | 1.00          | -        |



Result

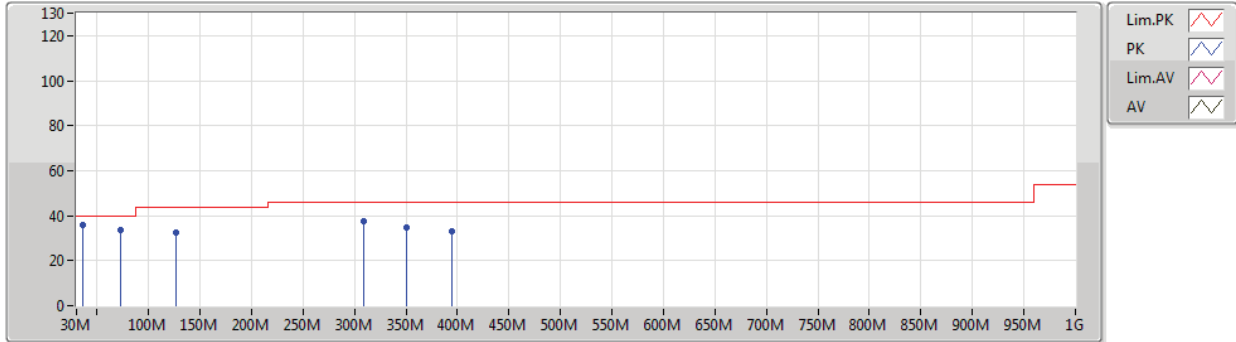
| Mode                              | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comments |
|-----------------------------------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|----------|
| 802.11ax HEW80-BF_Nss1,(MCS0)_4TX | -      | -    | -         | -              | -              | -           | -        | -          | -           | -          | -        |
| 5775MHz                           | Pass   | PK   | 35.82M    | 36.03          | 40.00          | -3.97       | 3        | Vertical   | 360         | 1.00       | -        |
| 5775MHz                           | Pass   | PK   | 72.68M    | 33.73          | 40.00          | -6.27       | 3        | Vertical   | 360         | 1.00       | -        |
| 5775MHz                           | Pass   | PK   | 127M      | 32.33          | 43.50          | -11.17      | 3        | Vertical   | 360         | 1.00       | -        |
| 5775MHz                           | Pass   | PK   | 309.36M   | 37.81          | 46.00          | -8.19       | 3        | Vertical   | 360         | 1.00       | -        |
| 5775MHz                           | Pass   | PK   | 350.1M    | 34.55          | 46.00          | -11.45      | 3        | Vertical   | 360         | 1.00       | -        |
| 5775MHz                           | Pass   | PK   | 394.72M   | 33.08          | 46.00          | -12.92      | 3        | Vertical   | 360         | 1.00       | -        |
| 5775MHz                           | Pass   | PK   | 57.16M    | 31.02          | 40.00          | -8.98       | 3        | Horizontal | 0           | 1.00       | -        |
| 5775MHz                           | Pass   | PK   | 80.44M    | 30.14          | 40.00          | -9.86       | 3        | Horizontal | 0           | 1.00       | -        |
| 5775MHz                           | Pass   | PK   | 101.78M   | 30.24          | 43.50          | -13.26      | 3        | Horizontal | 0           | 1.00       | -        |
| 5775MHz                           | Pass   | PK   | 231.76M   | 33.39          | 46.00          | -12.61      | 3        | Horizontal | 0           | 1.00       | -        |
| 5775MHz                           | Pass   | PK   | 268.62M   | 36.27          | 46.00          | -9.73       | 3        | Horizontal | 0           | 1.00       | -        |
| 5775MHz                           | Pass   | PK   | 313.24M   | 39.64          | 46.00          | -6.36       | 3        | Horizontal | 0           | 1.00       | -        |



802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

21/05/2020

5775MHz\_Adapter



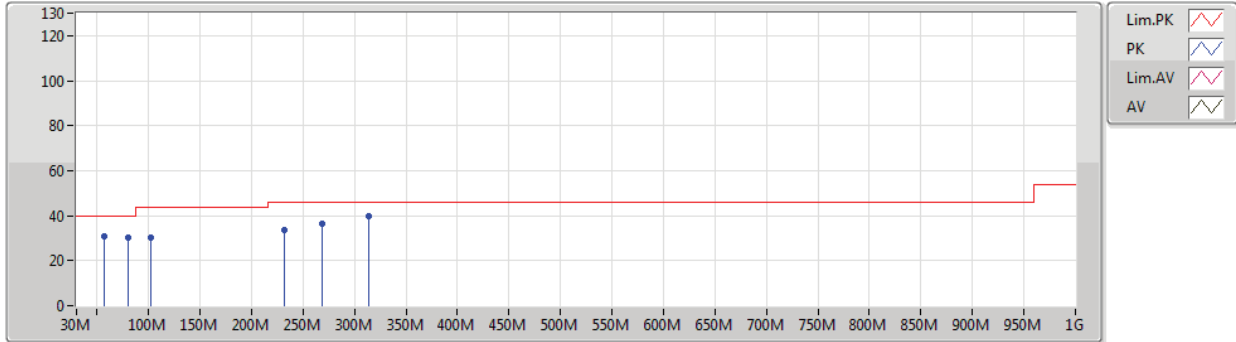
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| PK   | 35.82M    | 36.03          | 40.00          | -3.97       | -16.16      | 3        | Vertical  | 360         | 1.00       | -       | 52.19      | 20.67   | 0.42    | 37.25   |
| PK   | 72.68M    | 33.73          | 40.00          | -6.27       | -24.92      | 3        | Vertical  | 360         | 1.00       | -       | 58.65      | 11.42   | 0.65    | 36.99   |
| PK   | 127M      | 32.33          | 43.50          | -11.17      | -19.10      | 3        | Vertical  | 360         | 1.00       | -       | 51.43      | 16.67   | 0.83    | 36.60   |
| PK   | 309.36M   | 37.81          | 46.00          | -8.19       | -16.73      | 3        | Vertical  | 360         | 1.00       | -       | 54.54      | 18.33   | 1.42    | 36.48   |
| PK   | 350.1M    | 34.55          | 46.00          | -11.45      | -15.58      | 3        | Vertical  | 360         | 1.00       | -       | 50.13      | 19.42   | 1.50    | 36.50   |
| PK   | 394.72M   | 33.08          | 46.00          | -12.92      | -14.17      | 3        | Vertical  | 360         | 1.00       | -       | 47.25      | 20.68   | 1.68    | 36.53   |



802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

21/05/2020

5775MHz\_Adapter



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| PK   | 57.16M    | 31.02          | 40.00          | -8.98       | -25.33      | 3        | Horizontal | 0           | 1.00       | -       | 56.35      | 11.18   | 0.60    | 37.11   |
| PK   | 80.44M    | 30.14          | 40.00          | -9.86       | -23.60      | 3        | Horizontal | 0           | 1.00       | -       | 53.74      | 12.52   | 0.70    | 36.82   |
| PK   | 101.78M   | 30.24          | 43.50          | -13.26      | -20.64      | 3        | Horizontal | 0           | 1.00       | -       | 50.88      | 15.15   | 0.80    | 36.59   |
| PK   | 231.76M   | 33.39          | 46.00          | -12.61      | -19.72      | 3        | Horizontal | 0           | 1.00       | -       | 53.11      | 15.45   | 1.23    | 36.40   |
| PK   | 268.62M   | 36.27          | 46.00          | -9.73       | -16.69      | 3        | Horizontal | 0           | 1.00       | -       | 52.96      | 18.41   | 1.34    | 36.44   |
| PK   | 313.24M   | 39.64          | 46.00          | -6.36       | -16.68      | 3        | Horizontal | 0           | 1.00       | -       | 56.32      | 18.39   | 1.43    | 36.50   |

Remark :

Page No. : E4 of E4

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA( Preamp Factor)



Summary

| Mode                                 | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|--------------------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|----------|
| 5.15-5.25GHz                         | -      | -    | -            | -                 | -                 | -              | -           | -          | -              | -             | -        |
| 802.11ax HEW20-BF_Nss1,(MCS0)_4TX    | Pass   | AV   | 5.1446G      | 52.15             | 54.00             | -1.85          | 3           | Vertical   | 54             | 1.78          | -        |
| 802.11ax HEW40-BF_Nss1,(MCS0)_4TX    | Pass   | AV   | 5.15G        | 53.82             | 54.00             | -0.18          | 3           | Vertical   | 144            | 1.50          | -        |
| 802.11ax HEW80-BF_Nss1,(MCS0)_4TX    | Pass   | AV   | 5.135G       | 53.79             | 54.00             | -0.21          | 3           | Vertical   | 52             | 1.86          | -        |
| 5.47-5.725GHz                        | -      | -    | -            | -                 | -                 | -              | -           | -          | -              | -             | -        |
| 802.11ax HEW80+80-BF_Nss2,(MCS0)_4TX | Pass   | PK   | 5.462G       | 67.14             | 68.20             | -1.06          | 3           | Vertical   | 49             | 1.59          | -        |
| 5.725-5.85GHz                        | -      | -    | -            | -                 | -                 | -              | -           | -          | -              | -             | -        |
| 802.11ax HEW20-BF_Nss1,(MCS0)_4TX    | Pass   | AV   | 11.56996G    | 53.90             | 54.00             | -0.10          | 3           | Vertical   | 78             | 1.50          | -        |
| 802.11ax HEW40-BF_Nss1,(MCS0)_4TX    | Pass   | PK   | 17.38266G    | 67.45             | 68.20             | -0.75          | 3           | Horizontal | 254            | 1.65          | -        |
| 802.11ax HEW80-BF_Nss1,(MCS0)_4TX    | Pass   | PK   | 5.649G       | 67.02             | 68.20             | -1.18          | 3           | Vertical   | 144            | 1.22          | -        |



Result

| Mode                              | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|-----------------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|----------|
| 802.11ax HEW20-BF_Nss1,(MCS0)_4TX | -      | -    | -            | -                 | -                 | -              | -           | -          | -              | -             | -        |
| 5180MHz                           | Pass   | AV   | 5.1446G      | 52.15             | 54.00             | -1.85          | 3           | Vertical   | 54             | 1.78          | -        |
| 5180MHz                           | Pass   | AV   | 5.1842G      | 111.36            | Inf               | -Inf           | 3           | Vertical   | 54             | 1.78          | -        |
| 5180MHz                           | Pass   | PK   | 5.1454G      | 66.09             | 74.00             | -7.91          | 3           | Vertical   | 54             | 1.78          | -        |
| 5180MHz                           | Pass   | PK   | 5.1844G      | 124.04            | Inf               | -Inf           | 3           | Vertical   | 54             | 1.78          | -        |
| 5180MHz                           | Pass   | AV   | 5.1336G      | 45.67             | 54.00             | -8.33          | 3           | Horizontal | 156            | 1.46          | -        |
| 5180MHz                           | Pass   | AV   | 5.1744G      | 100.78            | Inf               | -Inf           | 3           | Horizontal | 156            | 1.46          | -        |
| 5180MHz                           | Pass   | PK   | 5.1402G      | 57.83             | 74.00             | -16.17         | 3           | Horizontal | 156            | 1.46          | -        |
| 5180MHz                           | Pass   | PK   | 5.1738G      | 113.55            | Inf               | -Inf           | 3           | Horizontal | 156            | 1.46          | -        |
| 5180MHz                           | Pass   | AV   | 15.53864G    | 45.30             | 54.00             | -8.70          | 3           | Vertical   | 262            | 2.51          | -        |
| 5180MHz                           | Pass   | PK   | 10.36002G    | 58.31             | 68.20             | -9.89          | 3           | Vertical   | 77             | 2.81          | -        |
| 5180MHz                           | Pass   | PK   | 15.54428G    | 58.52             | 74.00             | -15.48         | 3           | Vertical   | 262            | 2.51          | -        |
| 5180MHz                           | Pass   | AV   | 15.54236G    | 45.31             | 54.00             | -8.69          | 3           | Horizontal | 150            | 1.50          | -        |
| 5180MHz                           | Pass   | PK   | 10.35986G    | 57.69             | 68.20             | -10.51         | 3           | Horizontal | 321            | 1.50          | -        |
| 5180MHz                           | Pass   | PK   | 15.54062G    | 58.56             | 74.00             | -15.44         | 3           | Horizontal | 150            | 1.50          | -        |
| 5200MHz                           | Pass   | AV   | 5.1412G      | 47.97             | 54.00             | -6.03          | 3           | Vertical   | 156            | 1.55          | -        |
| 5200MHz                           | Pass   | AV   | 5.2016G      | 112.66            | Inf               | -Inf           | 3           | Vertical   | 156            | 1.55          | -        |
| 5200MHz                           | Pass   | PK   | 5.1028G      | 60.77             | 74.00             | -13.23         | 3           | Vertical   | 156            | 1.55          | -        |
| 5200MHz                           | Pass   | PK   | 5.2012G      | 124.90            | Inf               | -Inf           | 3           | Vertical   | 156            | 1.55          | -        |
| 5200MHz                           | Pass   | AV   | 5.1024G      | 46.05             | 54.00             | -7.95          | 3           | Horizontal | 160            | 1.41          | -        |
| 5200MHz                           | Pass   | AV   | 5.2072G      | 100.69            | Inf               | -Inf           | 3           | Horizontal | 160            | 1.41          | -        |
| 5200MHz                           | Pass   | PK   | 5.106G       | 59.08             | 74.00             | -14.92         | 3           | Horizontal | 160            | 1.41          | -        |
| 5200MHz                           | Pass   | PK   | 5.208G       | 113.22            | Inf               | -Inf           | 3           | Horizontal | 160            | 1.41          | -        |
| 5200MHz                           | Pass   | AV   | 15.60069G    | 45.57             | 54.00             | -8.43          | 3           | Vertical   | 224            | 1.50          | -        |
| 5200MHz                           | Pass   | PK   | 10.4G        | 57.79             | 68.20             | -10.41         | 3           | Vertical   | 78             | 2.94          | -        |
| 5200MHz                           | Pass   | PK   | 15.60004G    | 58.82             | 74.00             | -15.18         | 3           | Vertical   | 224            | 1.50          | -        |
| 5200MHz                           | Pass   | AV   | 15.59862G    | 45.64             | 54.00             | -8.36          | 3           | Horizontal | 40             | 2.63          | -        |
| 5200MHz                           | Pass   | PK   | 10.40023G    | 57.31             | 68.20             | -10.89         | 3           | Horizontal | 322            | 1.50          | -        |
| 5200MHz                           | Pass   | PK   | 15.59728G    | 58.79             | 74.00             | -15.21         | 3           | Horizontal | 40             | 2.63          | -        |
| 5240MHz                           | Pass   | AV   | 5.141G       | 47.63             | 54.00             | -6.37          | 3           | Vertical   | 148            | 1.46          | -        |
| 5240MHz                           | Pass   | AV   | 5.2364G      | 113.78            | Inf               | -Inf           | 3           | Vertical   | 148            | 1.46          | -        |
| 5240MHz                           | Pass   | AV   | 5.3756G      | 48.26             | 54.00             | -5.74          | 3           | Vertical   | 148            | 1.46          | -        |
| 5240MHz                           | Pass   | PK   | 5.0942G      | 60.71             | 74.00             | -13.29         | 3           | Vertical   | 148            | 1.46          | -        |
| 5240MHz                           | Pass   | PK   | 5.2376G      | 125.21            | Inf               | -Inf           | 3           | Vertical   | 148            | 1.46          | -        |
| 5240MHz                           | Pass   | PK   | 5.3642G      | 59.65             | 74.00             | -14.35         | 3           | Vertical   | 148            | 1.46          | -        |
| 5240MHz                           | Pass   | AV   | 5.099G       | 46.00             | 54.00             | -8.00          | 3           | Horizontal | 147            | 1.49          | -        |
| 5240MHz                           | Pass   | AV   | 5.237G       | 101.93            | Inf               | -Inf           | 3           | Horizontal | 147            | 1.49          | -        |
| 5240MHz                           | Pass   | AV   | 5.3786G      | 44.35             | 54.00             | -9.65          | 3           | Horizontal | 147            | 1.49          | -        |
| 5240MHz                           | Pass   | PK   | 5.1206G      | 59.33             | 74.00             | -14.67         | 3           | Horizontal | 147            | 1.49          | -        |
| 5240MHz                           | Pass   | PK   | 5.237G       | 113.75            | Inf               | -Inf           | 3           | Horizontal | 147            | 1.49          | -        |
| 5240MHz                           | Pass   | PK   | 5.3606G      | 57.66             | 74.00             | -16.34         | 3           | Horizontal | 147            | 1.49          | -        |
| 5240MHz                           | Pass   | AV   | 15.71902G    | 45.21             | 54.00             | -8.79          | 3           | Vertical   | 359            | 1.50          | -        |
| 5240MHz                           | Pass   | PK   | 10.47996G    | 57.40             | 68.20             | -10.80         | 3           | Vertical   | 80             | 2.77          | -        |
| 5240MHz                           | Pass   | PK   | 15.7187G     | 58.22             | 74.00             | -15.78         | 3           | Vertical   | 359            | 1.50          | -        |
| 5240MHz                           | Pass   | AV   | 15.71937G    | 45.25             | 54.00             | -8.75          | 3           | Horizontal | 215            | 1.00          | -        |
| 5240MHz                           | Pass   | PK   | 10.48001G    | 57.95             | 68.20             | -10.25         | 3           | Horizontal | 321            | 1.42          | -        |
| 5240MHz                           | Pass   | PK   | 15.71868G    | 58.97             | 74.00             | -15.03         | 3           | Horizontal | 215            | 1.00          | -        |
| 5745MHz                           | Pass   | AV   | 5.7366G      | 115.51            | Inf               | -Inf           | 3           | Vertical   | 69             | 2.38          | -        |

Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA( Preamp Factor)



| Mode                              | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comments |
|-----------------------------------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|----------|
| 5745MHz                           | Pass   | PK   | 5.6418G   | 61.06          | 68.20          | -7.14       | 3        | Vertical   | 69          | 2.38       | -        |
| 5745MHz                           | Pass   | PK   | 5.7378G   | 126.22         | Inf            | -Inf        | 3        | Vertical   | 69          | 2.38       | -        |
| 5745MHz                           | Pass   | PK   | 5.9298G   | 60.37          | 68.20          | -7.83       | 3        | Vertical   | 69          | 2.38       | -        |
| 5745MHz                           | Pass   | AV   | 5.7498G   | 104.65         | Inf            | -Inf        | 3        | Horizontal | 36          | 1.50       | -        |
| 5745MHz                           | Pass   | PK   | 5.6466G   | 58.92          | 68.20          | -9.28       | 3        | Horizontal | 36          | 1.50       | -        |
| 5745MHz                           | Pass   | PK   | 5.7426G   | 115.51         | Inf            | -Inf        | 3        | Horizontal | 36          | 1.50       | -        |
| 5745MHz                           | Pass   | PK   | 5.9334G   | 58.34          | 68.20          | -9.86       | 3        | Horizontal | 36          | 1.50       | -        |
| 5745MHz                           | Pass   | AV   | 11.49001G | 53.81          | 54.00          | -0.19       | 3        | Vertical   | 82          | 1.50       | -        |
| 5745MHz                           | Pass   | PK   | 11.49004G | 61.08          | 74.00          | -12.92      | 3        | Vertical   | 82          | 1.50       | -        |
| 5745MHz                           | Pass   | PK   | 17.23461G | 65.95          | 68.20          | -2.25       | 3        | Vertical   | 269         | 1.50       | -        |
| 5745MHz                           | Pass   | AV   | 11.49G    | 51.31          | 54.00          | -2.69       | 3        | Horizontal | 81          | 1.53       | -        |
| 5745MHz                           | Pass   | PK   | 11.48992G | 58.90          | 74.00          | -15.10      | 3        | Horizontal | 81          | 1.53       | -        |
| 5745MHz                           | Pass   | PK   | 17.23484G | 67.43          | 68.20          | -0.77       | 3        | Horizontal | 253         | 1.63       | -        |
| 5785MHz                           | Pass   | AV   | 5.791G    | 115.32         | Inf            | -Inf        | 3        | Vertical   | 56          | 1.97       | -        |
| 5785MHz                           | Pass   | PK   | 5.5354G   | 61.71          | 68.20          | -6.49       | 3        | Vertical   | 56          | 1.97       | -        |
| 5785MHz                           | Pass   | PK   | 5.7922G   | 125.14         | Inf            | -Inf        | 3        | Vertical   | 56          | 1.97       | -        |
| 5785MHz                           | Pass   | PK   | 5.9326G   | 59.74          | 68.20          | -8.46       | 3        | Vertical   | 56          | 1.97       | -        |
| 5785MHz                           | Pass   | AV   | 5.7922G   | 106.13         | Inf            | -Inf        | 3        | Horizontal | 200         | 2.17       | -        |
| 5785MHz                           | Pass   | PK   | 5.6158G   | 59.46          | 68.20          | -8.74       | 3        | Horizontal | 200         | 2.17       | -        |
| 5785MHz                           | Pass   | PK   | 5.7922G   | 117.41         | Inf            | -Inf        | 3        | Horizontal | 200         | 2.17       | -        |
| 5785MHz                           | Pass   | PK   | 5.9458G   | 58.83          | 68.20          | -9.37       | 3        | Horizontal | 200         | 2.17       | -        |
| 5785MHz                           | Pass   | AV   | 11.56996G | 53.90          | 54.00          | -0.10       | 3        | Vertical   | 78          | 1.50       | -        |
| 5785MHz                           | Pass   | PK   | 11.57006G | 60.45          | 74.00          | -13.55      | 3        | Vertical   | 78          | 1.50       | -        |
| 5785MHz                           | Pass   | PK   | 17.35112G | 64.88          | 68.20          | -3.32       | 3        | Vertical   | 214         | 1.27       | -        |
| 5785MHz                           | Pass   | AV   | 11.57G    | 50.10          | 54.00          | -3.90       | 3        | Horizontal | 77          | 1.49       | -        |
| 5785MHz                           | Pass   | PK   | 11.57004G | 58.81          | 74.00          | -15.19      | 3        | Horizontal | 77          | 1.49       | -        |
| 5785MHz                           | Pass   | PK   | 17.3506G  | 67.29          | 68.20          | -0.91       | 3        | Horizontal | 251         | 1.50       | -        |
| 5825MHz                           | Pass   | AV   | 5.8262G   | 112.89         | Inf            | -Inf        | 3        | Vertical   | 99          | 2.21       | -        |
| 5825MHz                           | Pass   | PK   | 5.639G    | 59.85          | 68.20          | -8.35       | 3        | Vertical   | 99          | 2.21       | -        |
| 5825MHz                           | Pass   | PK   | 5.825G    | 123.75         | Inf            | -Inf        | 3        | Vertical   | 99          | 2.21       | -        |
| 5825MHz                           | Pass   | PK   | 5.9246G   | 61.25          | 68.50          | -7.25       | 3        | Vertical   | 99          | 2.21       | -        |
| 5825MHz                           | Pass   | AV   | 5.8262G   | 102.59         | Inf            | -Inf        | 3        | Horizontal | 38          | 1.50       | -        |
| 5825MHz                           | Pass   | PK   | 5.6426G   | 58.65          | 68.20          | -9.55       | 3        | Horizontal | 38          | 1.50       | -        |
| 5825MHz                           | Pass   | PK   | 5.8262G   | 115.94         | Inf            | -Inf        | 3        | Horizontal | 38          | 1.50       | -        |
| 5825MHz                           | Pass   | PK   | 5.9858G   | 58.09          | 68.20          | -10.11      | 3        | Horizontal | 38          | 1.50       | -        |
| 5825MHz                           | Pass   | AV   | 11.64999G | 53.36          | 54.00          | -0.64       | 3        | Vertical   | 78          | 1.52       | -        |
| 5825MHz                           | Pass   | PK   | 11.64998G | 60.67          | 74.00          | -13.33      | 3        | Vertical   | 78          | 1.52       | -        |
| 5825MHz                           | Pass   | PK   | 17.47339G | 65.66          | 68.20          | -2.54       | 3        | Vertical   | 217         | 1.17       | -        |
| 5825MHz                           | Pass   | AV   | 11.65002G | 49.22          | 54.00          | -4.78       | 3        | Horizontal | 76          | 1.50       | -        |
| 5825MHz                           | Pass   | PK   | 11.65004G | 59.48          | 74.00          | -14.52      | 3        | Horizontal | 76          | 1.50       | -        |
| 5825MHz                           | Pass   | PK   | 17.47539G | 67.52          | 68.20          | -0.68       | 3        | Horizontal | 257         | 1.39       | -        |
| 802.11ax HEW40-BF_Nss1 (MCS0)_4TX | -      | -    | -         | -              | -              | -           | -        | -          | -           | -          | -        |
| 5190MHz                           | Pass   | AV   | 5.15G     | 53.82          | 54.00          | -0.18       | 3        | Vertical   | 144         | 1.50       | -        |
| 5190MHz                           | Pass   | AV   | 5.196G    | 106.67         | Inf            | -Inf        | 3        | Vertical   | 144         | 1.50       | -        |
| 5190MHz                           | Pass   | PK   | 5.1464G   | 69.09          | 74.00          | -4.91       | 3        | Vertical   | 144         | 1.50       | -        |
| 5190MHz                           | Pass   | PK   | 5.196G    | 118.45         | Inf            | -Inf        | 3        | Vertical   | 144         | 1.50       | -        |
| 5190MHz                           | Pass   | AV   | 5.1444G   | 47.07          | 54.00          | -6.93       | 3        | Horizontal | 18          | 1.03       | -        |
| 5190MHz                           | Pass   | AV   | 5.1848G   | 92.26          | Inf            | -Inf        | 3        | Horizontal | 18          | 1.03       | -        |
| 5190MHz                           | Pass   | PK   | 5.1424G   | 59.36          | 74.00          | -14.64      | 3        | Horizontal | 18          | 1.03       | -        |

Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA( Preamp Factor)





| Mode    | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comments |
|---------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|----------|
| 5190MHz | Pass   | PK   | 5.1872G   | 105.04         | Inf            | -Inf        | 3        | Horizontal | 18          | 1.03       | -        |
| 5190MHz | Pass   | AV   | 15.56926G | 46.25          | 54.00          | -7.75       | 3        | Vertical   | 330         | 1.50       | -        |
| 5190MHz | Pass   | PK   | 10.38036G | 57.97          | 68.20          | -10.23      | 3        | Vertical   | 74          | 2.96       | -        |
| 5190MHz | Pass   | PK   | 15.57043G | 59.39          | 74.00          | -14.61      | 3        | Vertical   | 330         | 1.50       | -        |
| 5190MHz | Pass   | AV   | 15.57098G | 46.20          | 54.00          | -7.80       | 3        | Horizontal | 175         | 1.50       | -        |
| 5190MHz | Pass   | PK   | 10.38028G | 57.88          | 68.20          | -10.32      | 3        | Horizontal | 320         | 1.50       | -        |
| 5190MHz | Pass   | PK   | 15.56978G | 59.17          | 74.00          | -14.83      | 3        | Horizontal | 175         | 1.50       | -        |
| 5230MHz | Pass   | AV   | 5.15G     | 51.74          | 54.00          | -2.26       | 3        | Vertical   | 56          | 1.77       | -        |
| 5230MHz | Pass   | AV   | 5.234G    | 112.82         | Inf            | -Inf        | 3        | Vertical   | 56          | 1.77       | -        |
| 5230MHz | Pass   | PK   | 5.1336G   | 66.80          | 74.00          | -7.20       | 3        | Vertical   | 56          | 1.77       | -        |
| 5230MHz | Pass   | PK   | 5.2144G   | 123.73         | Inf            | -Inf        | 3        | Vertical   | 56          | 1.77       | -        |
| 5230MHz | Pass   | AV   | 5.1452G   | 47.64          | 54.00          | -6.36       | 3        | Horizontal | 159         | 1.50       | -        |
| 5230MHz | Pass   | AV   | 5.2248G   | 100.30         | Inf            | -Inf        | 3        | Horizontal | 159         | 1.50       | -        |
| 5230MHz | Pass   | PK   | 5.1452G   | 60.96          | 74.00          | -13.04      | 3        | Horizontal | 159         | 1.50       | -        |
| 5230MHz | Pass   | PK   | 5.2248G   | 112.13         | Inf            | -Inf        | 3        | Horizontal | 159         | 1.50       | -        |
| 5230MHz | Pass   | AV   | 15.69044G | 46.02          | 54.00          | -7.98       | 3        | Vertical   | 303         | 1.50       | -        |
| 5230MHz | Pass   | PK   | 10.4597G  | 57.13          | 68.20          | -11.07      | 3        | Vertical   | 32          | 1.50       | -        |
| 5230MHz | Pass   | PK   | 15.68929G | 58.89          | 74.00          | -15.11      | 3        | Vertical   | 303         | 1.50       | -        |
| 5230MHz | Pass   | AV   | 15.69074G | 45.95          | 54.00          | -8.05       | 3        | Horizontal | 288         | 2.89       | -        |
| 5230MHz | Pass   | PK   | 10.46007G | 57.80          | 68.20          | -10.40      | 3        | Horizontal | 317         | 1.50       | -        |
| 5230MHz | Pass   | PK   | 15.6893G  | 58.81          | 74.00          | -15.19      | 3        | Horizontal | 288         | 2.89       | -        |
| 5755MHz | Pass   | AV   | 5.749G    | 112.53         | Inf            | -Inf        | 3        | Vertical   | 144         | 1.48       | -        |
| 5755MHz | Pass   | PK   | 5.6494G   | 63.74          | 68.20          | -4.46       | 3        | Vertical   | 144         | 1.48       | -        |
| 5755MHz | Pass   | PK   | 5.7694G   | 123.25         | Inf            | -Inf        | 3        | Vertical   | 144         | 1.48       | -        |
| 5755MHz | Pass   | PK   | 5.9266G   | 58.74          | 68.20          | -9.46       | 3        | Vertical   | 144         | 1.48       | -        |
| 5755MHz | Pass   | AV   | 5.7418G   | 101.40         | Inf            | -Inf        | 3        | Horizontal | 197         | 1.50       | -        |
| 5755MHz | Pass   | PK   | 5.6338G   | 58.02          | 68.20          | -10.18      | 3        | Horizontal | 197         | 1.50       | -        |
| 5755MHz | Pass   | PK   | 5.7418G   | 112.32         | Inf            | -Inf        | 3        | Horizontal | 197         | 1.50       | -        |
| 5755MHz | Pass   | PK   | 5.9482G   | 58.83          | 68.20          | -9.37       | 3        | Horizontal | 197         | 1.50       | -        |
| 5755MHz | Pass   | AV   | 11.51003G | 52.96          | 54.00          | -1.04       | 3        | Vertical   | 81          | 1.50       | -        |
| 5755MHz | Pass   | PK   | 11.50999G | 60.07          | 74.00          | -13.93      | 3        | Vertical   | 81          | 1.50       | -        |
| 5755MHz | Pass   | PK   | 17.26994G | 64.40          | 68.20          | -3.80       | 3        | Vertical   | 267         | 1.42       | -        |
| 5755MHz | Pass   | AV   | 11.50996G | 50.68          | 54.00          | -3.32       | 3        | Horizontal | 82          | 1.50       | -        |
| 5755MHz | Pass   | PK   | 11.50992G | 59.07          | 74.00          | -14.93      | 3        | Horizontal | 82          | 1.50       | -        |
| 5755MHz | Pass   | PK   | 17.26666G | 65.03          | 68.20          | -3.17       | 3        | Horizontal | 252         | 1.50       | -        |
| 5795MHz | Pass   | AV   | 5.7878G   | 114.52         | Inf            | -Inf        | 3        | Vertical   | 41          | 1.50       | -        |
| 5795MHz | Pass   | PK   | 5.6042G   | 62.36          | 68.20          | -5.84       | 3        | Vertical   | 41          | 1.50       | -        |
| 5795MHz | Pass   | PK   | 5.7878G   | 125.16         | Inf            | -Inf        | 3        | Vertical   | 41          | 1.50       | -        |
| 5795MHz | Pass   | PK   | 5.939G    | 63.06          | 68.20          | -5.14       | 3        | Vertical   | 41          | 1.50       | -        |
| 5795MHz | Pass   | AV   | 5.7938G   | 104.04         | Inf            | -Inf        | 3        | Horizontal | 43          | 1.46       | -        |
| 5795MHz | Pass   | PK   | 5.6198G   | 58.59          | 68.20          | -9.61       | 3        | Horizontal | 43          | 1.46       | -        |
| 5795MHz | Pass   | PK   | 5.7938G   | 114.76         | Inf            | -Inf        | 3        | Horizontal | 43          | 1.46       | -        |
| 5795MHz | Pass   | PK   | 5.9474G   | 59.34          | 68.20          | -8.86       | 3        | Horizontal | 43          | 1.46       | -        |
| 5795MHz | Pass   | AV   | 11.59006G | 52.89          | 54.00          | -1.11       | 3        | Vertical   | 77          | 1.50       | -        |
| 5795MHz | Pass   | PK   | 11.59012G | 59.24          | 74.00          | -14.76      | 3        | Vertical   | 77          | 1.50       | -        |
| 5795MHz | Pass   | PK   | 17.38516G | 65.72          | 68.20          | -2.48       | 3        | Vertical   | 216         | 1.50       | -        |
| 5795MHz | Pass   | AV   | 11.58994G | 50.25          | 54.00          | -3.75       | 3        | Horizontal | 75          | 1.62       | -        |
| 5795MHz | Pass   | PK   | 11.59007G | 59.28          | 74.00          | -14.72      | 3        | Horizontal | 75          | 1.62       | -        |
| 5795MHz | Pass   | PK   | 17.38266G | 67.45          | 68.20          | -0.75       | 3        | Horizontal | 254         | 1.65       | -        |

Remark :

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA( Preamp Factor)



# RSE TX above 1GHz\_Beamforming

# Appendix E.4

| Mode                                 | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comments |
|--------------------------------------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|----------|
| 802.11ax HEW80+80-BF_Nss2,(MCS0)_4TX | -      | -    | -         | -              | -              | -           | -        | -          | -           | -          | -        |
| #5530MHz,#5610MHz                    | Pass   | AV   | 5.3696G   | 51.67          | 54.00          | -2.33       | 3        | Vertical   | 49          | 1.59       | -        |
| #5530MHz,#5610MHz                    | Pass   | AV   | 5.5256G   | 100.86         | Inf            | -Inf        | 3        | Vertical   | 49          | 1.59       | -        |
| #5530MHz,#5610MHz                    | Pass   | PK   | 5.462G    | 67.14          | 68.20          | -1.06       | 3        | Vertical   | 49          | 1.59       | -        |
| #5530MHz,#5610MHz                    | Pass   | PK   | 5.522G    | 112.59         | Inf            | -Inf        | 3        | Vertical   | 49          | 1.59       | -        |
| #5530MHz,#5610MHz                    | Pass   | PK   | 5.7992G   | 59.18          | 68.20          | -9.02       | 3        | Vertical   | 49          | 1.59       | -        |
| #5530MHz,#5610MHz                    | Pass   | AV   | 5.4596G   | 46.34          | 54.00          | -7.66       | 3        | Horizontal | 36          | 1.48       | -        |
| #5530MHz,#5610MHz                    | Pass   | AV   | 5.54G     | 88.73          | Inf            | -Inf        | 3        | Horizontal | 36          | 1.48       | -        |
| #5530MHz,#5610MHz                    | Pass   | PK   | 5.3216G   | 58.24          | 68.20          | -9.96       | 3        | Horizontal | 36          | 1.48       | -        |
| #5530MHz,#5610MHz                    | Pass   | PK   | 5.54G     | 99.57          | Inf            | -Inf        | 3        | Horizontal | 36          | 1.48       | -        |
| #5530MHz,#5610MHz                    | Pass   | PK   | 5.8448G   | 58.60          | 68.20          | -9.60       | 3        | Horizontal | 36          | 1.48       | -        |
| #5530MHz,#5610MHz                    | Pass   | AV   | 11.13881G | 44.86          | 54.00          | -9.14       | 3        | Vertical   | 34          | 0.00       | -        |
| #5530MHz,#5610MHz                    | Pass   | PK   | 11.14043G | 57.68          | 74.00          | -16.32      | 3        | Vertical   | 34          | 0.00       | -        |
| #5530MHz,#5610MHz                    | Pass   | PK   | 16.70528G | 60.48          | 68.20          | -7.72       | 3        | Vertical   | 318         | 2.03       | -        |
| #5530MHz,#5610MHz                    | Pass   | AV   | 11.13752G | 44.92          | 54.00          | -9.08       | 3        | Horizontal | 112         | 1.50       | -        |
| #5530MHz,#5610MHz                    | Pass   | PK   | 11.14176G | 57.65          | 74.00          | -16.35      | 3        | Horizontal | 112         | 1.50       | -        |
| #5530MHz,#5610MHz                    | Pass   | PK   | 16.71244G | 60.66          | 68.20          | -7.54       | 3        | Horizontal | 219         | 1.55       | -        |
| 802.11ax HEW80-BF_Nss1,(MCS0)_4TX    | -      | -    | -         | -              | -              | -           | -        | -          | -           | -          | -        |
| 5210MHz                              | Pass   | AV   | 5.135G    | 53.79          | 54.00          | -0.21       | 3        | Vertical   | 52          | 1.86       | -        |
| 5210MHz                              | Pass   | AV   | 5.215G    | 104.98         | Inf            | -Inf        | 3        | Vertical   | 52          | 1.86       | -        |
| 5210MHz                              | Pass   | AV   | 5.357G    | 46.97          | 54.00          | -7.03       | 3        | Vertical   | 52          | 1.86       | -        |
| 5210MHz                              | Pass   | PK   | 5.134G    | 64.64          | 74.00          | -9.36       | 3        | Vertical   | 52          | 1.86       | -        |
| 5210MHz                              | Pass   | PK   | 5.215G    | 116.53         | Inf            | -Inf        | 3        | Vertical   | 52          | 1.86       | -        |
| 5210MHz                              | Pass   | PK   | 5.434G    | 59.85          | 74.00          | -14.15      | 3        | Vertical   | 52          | 1.86       | -        |
| 5210MHz                              | Pass   | AV   | 5.145G    | 48.24          | 54.00          | -5.76       | 3        | Horizontal | 154         | 1.42       | -        |
| 5210MHz                              | Pass   | AV   | 5.224G    | 93.92          | Inf            | -Inf        | 3        | Horizontal | 154         | 1.42       | -        |
| 5210MHz                              | Pass   | AV   | 5.459G    | 45.15          | 54.00          | -8.85       | 3        | Horizontal | 154         | 1.42       | -        |
| 5210MHz                              | Pass   | PK   | 5.143G    | 59.27          | 74.00          | -14.73      | 3        | Horizontal | 154         | 1.42       | -        |
| 5210MHz                              | Pass   | PK   | 5.223G    | 105.36         | Inf            | -Inf        | 3        | Horizontal | 154         | 1.42       | -        |
| 5210MHz                              | Pass   | PK   | 5.435G    | 57.72          | 74.00          | -16.28      | 3        | Horizontal | 154         | 1.42       | -        |
| 5210MHz                              | Pass   | AV   | 15.62961G | 46.09          | 54.00          | -7.91       | 3        | Vertical   | 169         | 1.50       | -        |
| 5210MHz                              | Pass   | PK   | 10.42002G | 57.63          | 68.20          | -10.57      | 3        | Vertical   | 78          | 2.78       | -        |
| 5210MHz                              | Pass   | PK   | 15.62998G | 59.07          | 74.00          | -14.93      | 3        | Vertical   | 169         | 1.50       | -        |
| 5210MHz                              | Pass   | AV   | 15.62986G | 46.23          | 54.00          | -7.77       | 3        | Horizontal | 62          | 2.83       | -        |
| 5210MHz                              | Pass   | PK   | 10.41876G | 58.01          | 68.20          | -10.19      | 3        | Horizontal | 318         | 1.38       | -        |
| 5210MHz                              | Pass   | PK   | 15.62799G | 58.81          | 74.00          | -15.19      | 3        | Horizontal | 62          | 2.83       | -        |
| 5775MHz                              | Pass   | AV   | 5.7702G   | 108.31         | Inf            | -Inf        | 3        | Vertical   | 144         | 1.22       | -        |
| 5775MHz                              | Pass   | PK   | 5.649G    | 67.02          | 68.20          | -1.18       | 3        | Vertical   | 144         | 1.22       | -        |
| 5775MHz                              | Pass   | PK   | 5.739G    | 121.96         | Inf            | -Inf        | 3        | Vertical   | 144         | 1.22       | -        |
| 5775MHz                              | Pass   | PK   | 5.9418G   | 63.90          | 68.20          | -4.30       | 3        | Vertical   | 144         | 1.22       | -        |
| 5775MHz                              | Pass   | AV   | 5.7822G   | 99.52          | Inf            | -Inf        | 3        | Horizontal | 204         | 2.17       | -        |
| 5775MHz                              | Pass   | PK   | 5.6238G   | 59.85          | 68.20          | -8.35       | 3        | Horizontal | 204         | 2.17       | -        |
| 5775MHz                              | Pass   | PK   | 5.7606G   | 110.73         | Inf            | -Inf        | 3        | Horizontal | 204         | 2.17       | -        |
| 5775MHz                              | Pass   | PK   | 5.9334G   | 59.58          | 68.20          | -8.62       | 3        | Horizontal | 204         | 2.17       | -        |
| 5775MHz                              | Pass   | AV   | 11.55006G | 52.68          | 54.00          | -1.32       | 3        | Vertical   | 81          | 1.50       | -        |
| 5775MHz                              | Pass   | PK   | 11.55011G | 60.28          | 74.00          | -13.72      | 3        | Vertical   | 81          | 1.50       | -        |
| 5775MHz                              | Pass   | PK   | 17.32636G | 63.90          | 68.20          | -4.30       | 3        | Vertical   | 184         | 1.50       | -        |
| 5775MHz                              | Pass   | AV   | 11.54998G | 50.24          | 54.00          | -3.76       | 3        | Horizontal | 78          | 1.67       | -        |
| 5775MHz                              | Pass   | PK   | 11.54994G | 59.15          | 74.00          | -14.85      | 3        | Horizontal | 78          | 1.67       | -        |

Remark :

Page No. : E5 of E58

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA( Preamp Factor)

9N1813-01



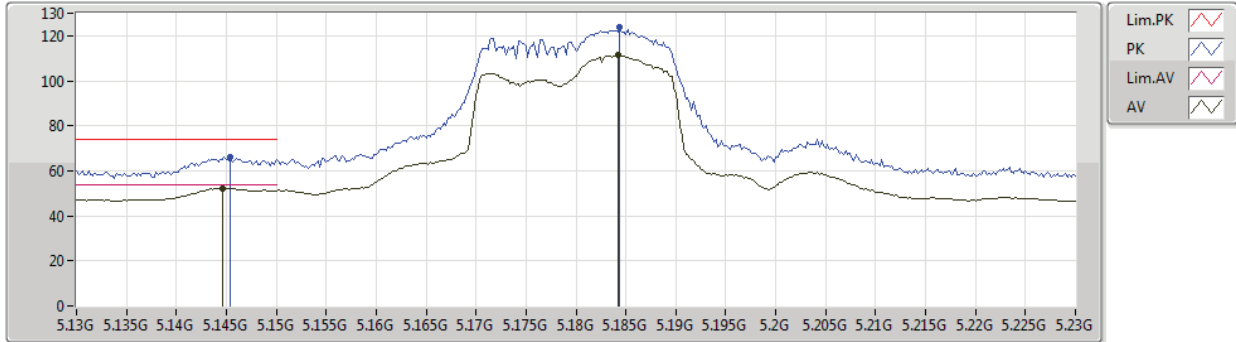
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|---------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|----------|
| 5775MHz | Pass   | PK   | 17.32405G    | 63.48             | 68.20             | -4.72          | 3           | Horizontal | 295            | 1.26          | -        |



802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

12/05/2020

5180MHz\_TX



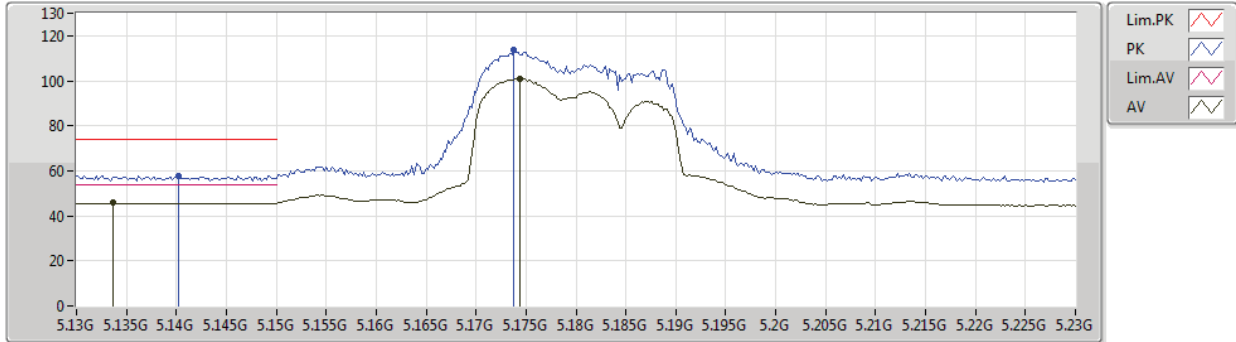
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.1446G   | 52.15          | 54.00          | -1.85       | 5.34        | 3        | Vertical  | 54          | 1.78       | -       | 46.81      | 31.82   | 7.57    | 34.05   |
| AV   | 5.1842G   | 111.36         | Inf            | -Inf        | 5.20        | 3        | Vertical  | 54          | 1.78       | -       | 106.16     | 31.66   | 7.59    | 34.05   |
| PK   | 5.1454G   | 66.09          | 74.00          | -7.91       | 5.34        | 3        | Vertical  | 54          | 1.78       | -       | 60.75      | 31.82   | 7.57    | 34.05   |
| PK   | 5.1844G   | 124.04         | Inf            | -Inf        | 5.20        | 3        | Vertical  | 54          | 1.78       | -       | 118.84     | 31.66   | 7.59    | 34.05   |



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12/05/2020

5180MHz\_TX



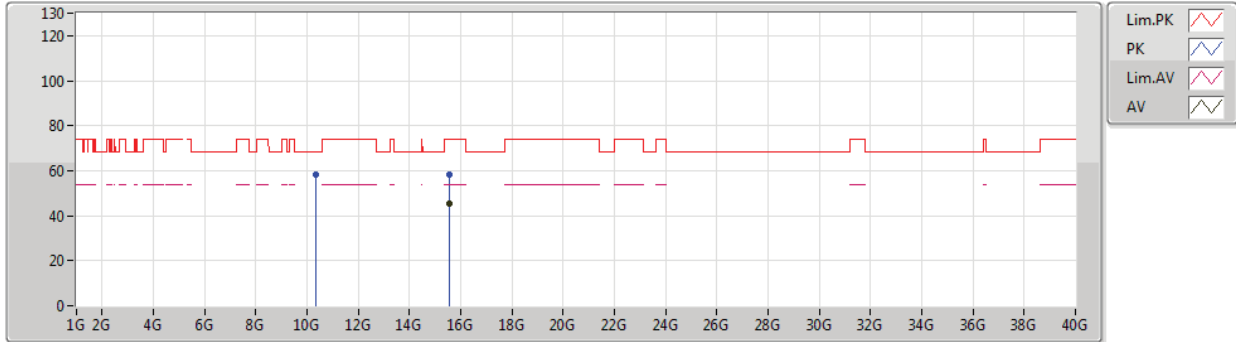
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.1336G   | 45.67          | 54.00          | -8.33       | 5.39        | 3        | Horizontal | 156         | 1.46       | -       | 40.28      | 31.87   | 7.57    | 34.05   |
| AV   | 5.1744G   | 100.78         | Inf            | -Inf        | 5.24        | 3        | Horizontal | 156         | 1.46       | -       | 95.54      | 31.70   | 7.59    | 34.05   |
| PK   | 5.1402G   | 57.83          | 74.00          | -16.17      | 5.36        | 3        | Horizontal | 156         | 1.46       | -       | 52.47      | 31.84   | 7.57    | 34.05   |
| PK   | 5.1738G   | 113.55         | Inf            | -Inf        | 5.24        | 3        | Horizontal | 156         | 1.46       | -       | 108.31     | 31.70   | 7.59    | 34.05   |



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12/05/2020

5180MHz\_TX



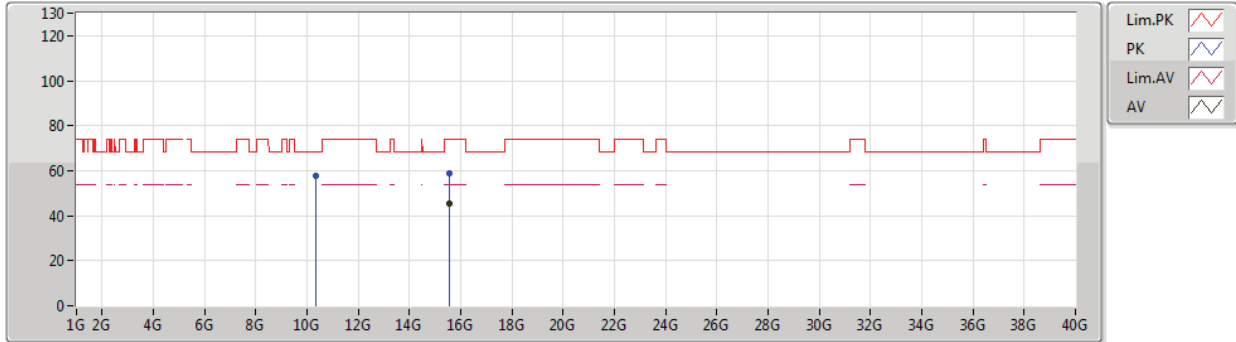
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|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 15.53864G | 45.30          | 54.00          | -8.70       | 15.83       | 3        | Vertical  | 262         | 2.51       | -       | 29.47      | 38.93   | 10.91   | 34.01   |
| PK   | 10.36002G | 58.31          | 68.20          | -9.89       | 14.52       | 3        | Vertical  | 77          | 2.81       | -       | 43.79      | 39.37   | 9.69    | 34.54   |
| PK   | 15.54428G | 58.52          | 74.00          | -15.48      | 15.80       | 3        | Vertical  | 262         | 2.51       | -       | 42.72      | 38.91   | 10.91   | 34.02   |



802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

12/05/2020

5180MHz\_TX



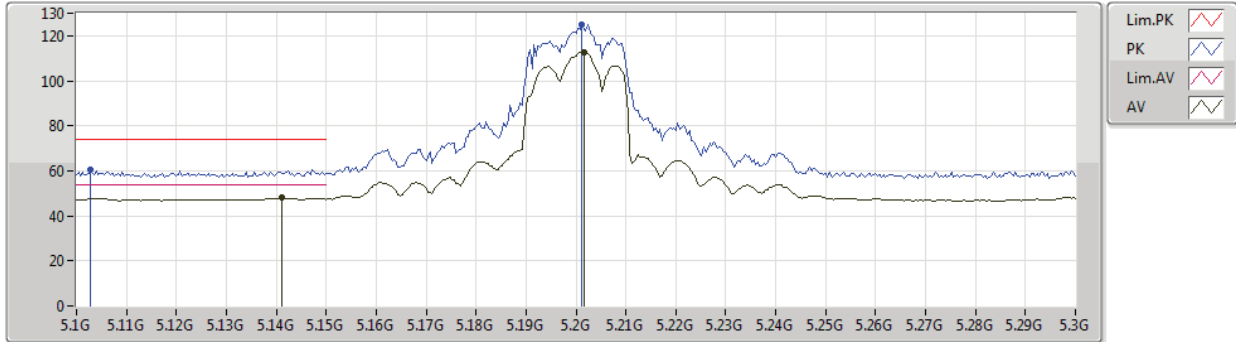
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 15.54236G | 45.31          | 54.00          | -8.69       | 15.82       | 3        | Horizontal | 150         | 1.50       | -       | 29.49      | 38.92   | 10.91   | 34.01   |
| PK   | 10.35986G | 57.69          | 68.20          | -10.51      | 14.52       | 3        | Horizontal | 321         | 1.50       | -       | 43.17      | 39.37   | 9.69    | 34.54   |
| PK   | 15.54062G | 58.56          | 74.00          | -15.44      | 15.82       | 3        | Horizontal | 150         | 1.50       | -       | 42.74      | 38.92   | 10.91   | 34.01   |



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| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.1412G   | 47.97          | 54.00          | -6.03       | 5.36        | 3        | Vertical  | 156         | 1.55       | -       | 42.61      | 31.84   | 7.57    | 34.05   |
| AV   | 5.2016G   | 112.66         | Inf            | -Inf        | 5.14        | 3        | Vertical  | 156         | 1.55       | -       | 107.52     | 31.59   | 7.60    | 34.05   |
| PK   | 5.1028G   | 60.77          | 74.00          | -13.23      | 5.49        | 3        | Vertical  | 156         | 1.55       | -       | 55.28      | 31.99   | 7.55    | 34.05   |
| PK   | 5.2012G   | 124.90         | Inf            | -Inf        | 5.15        | 3        | Vertical  | 156         | 1.55       | -       | 119.75     | 31.60   | 7.60    | 34.05   |

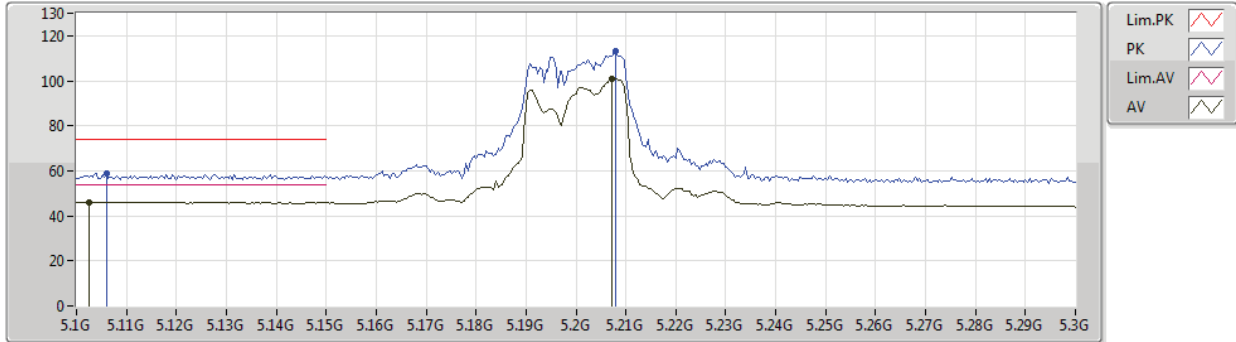




802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

12/05/2020

5200MHz\_TX



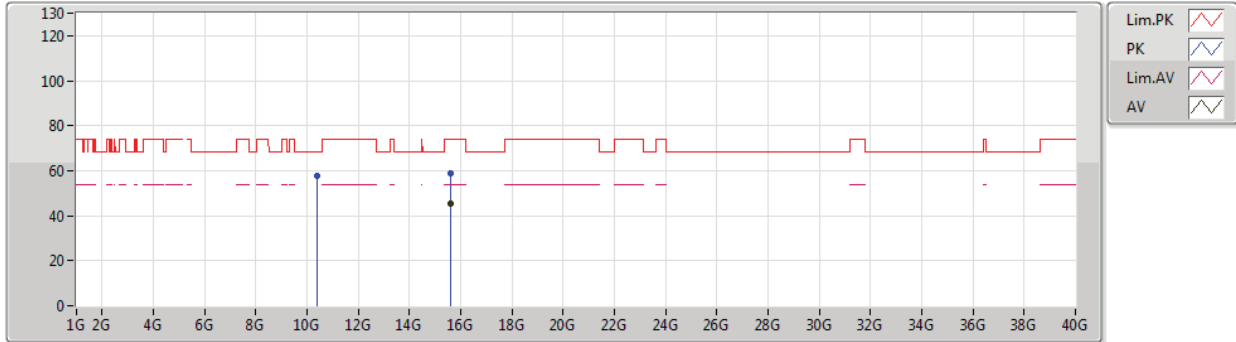
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.1024G   | 46.05          | 54.00          | -7.95       | 5.49        | 3        | Horizontal | 160         | 1.41       | -       | 40.56      | 31.99   | 7.55    | 34.05   |
| AV   | 5.2072G   | 100.69         | Inf            | -Inf        | 5.12        | 3        | Horizontal | 160         | 1.41       | -       | 95.57      | 31.57   | 7.60    | 34.05   |
| PK   | 5.106G    | 59.08          | 74.00          | -14.92      | 5.48        | 3        | Horizontal | 160         | 1.41       | -       | 53.60      | 31.98   | 7.55    | 34.05   |
| PK   | 5.208G    | 113.22         | Inf            | -Inf        | 5.12        | 3        | Horizontal | 160         | 1.41       | -       | 108.10     | 31.57   | 7.60    | 34.05   |



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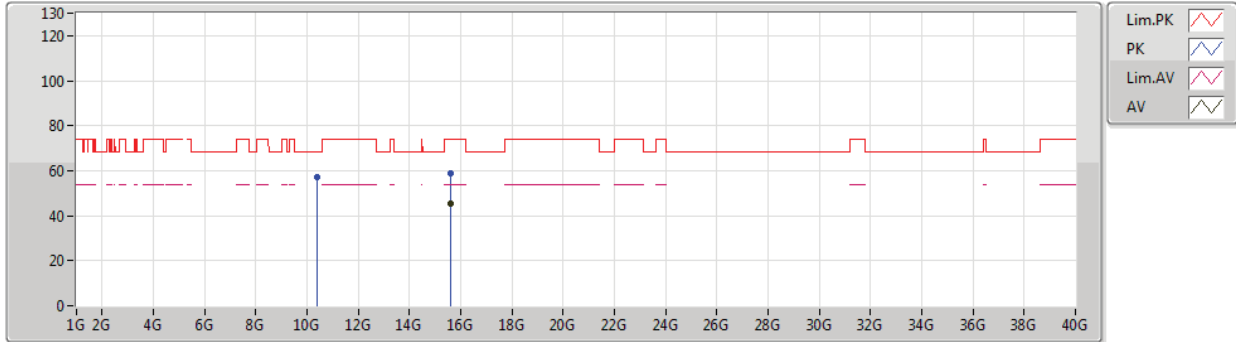
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 15.60069G | 45.57          | 54.00          | -8.43       | 15.59       | 3        | Vertical  | 224         | 1.50       | -       | 29.98      | 38.74   | 10.92   | 34.07   |
| PK   | 10.4G     | 57.79          | 68.20          | -10.41      | 14.60       | 3        | Vertical  | 78          | 2.94       | -       | 43.19      | 39.42   | 9.70    | 34.52   |
| PK   | 15.60004G | 58.82          | 74.00          | -15.18      | 15.59       | 3        | Vertical  | 224         | 1.50       | -       | 43.23      | 38.74   | 10.92   | 34.07   |



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12/05/2020

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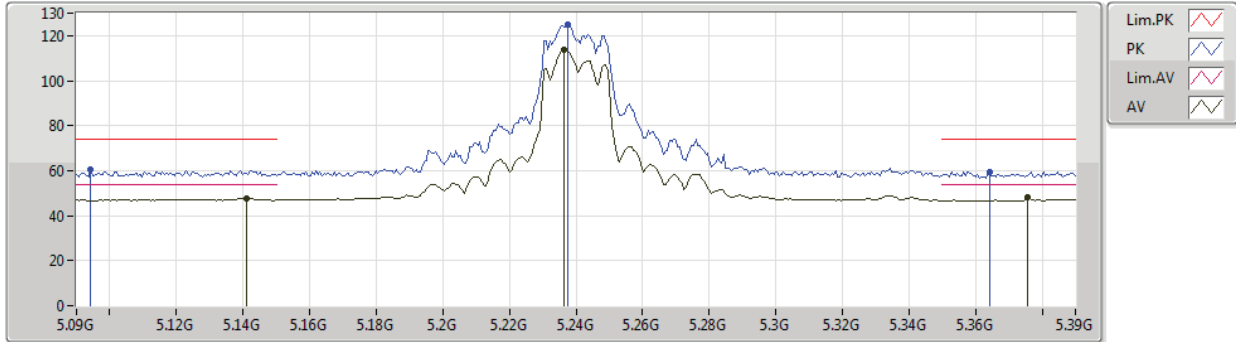
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 15.59862G | 45.64          | 54.00          | -8.36       | 15.59       | 3        | Horizontal | 40          | 2.63       | -       | 30.05      | 38.74   | 10.92   | 34.07   |
| PK   | 10.40023G | 57.31          | 68.20          | -10.89      | 14.60       | 3        | Horizontal | 322         | 1.50       | -       | 42.71      | 39.42   | 9.70    | 34.52   |
| PK   | 15.59728G | 58.79          | 74.00          | -15.21      | 15.60       | 3        | Horizontal | 40          | 2.63       | -       | 43.19      | 38.75   | 10.92   | 34.07   |



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5240MHz\_TX



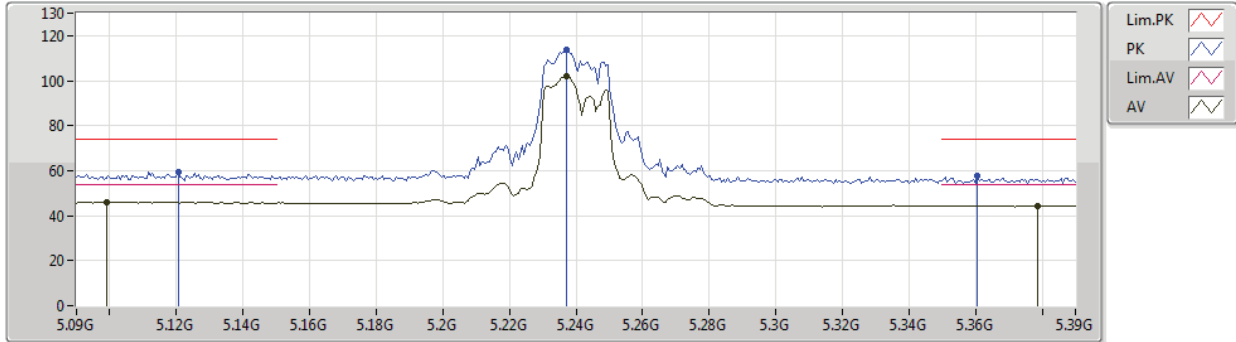
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.141G    | 47.63          | 54.00          | -6.37       | 5.36        | 3        | Vertical  | 148         | 1.46       | -       | 42.27      | 31.84   | 7.57    | 34.05   |
| AV   | 5.2364G   | 113.78         | Inf            | -Inf        | 5.02        | 3        | Vertical  | 148         | 1.46       | -       | 108.76     | 31.45   | 7.62    | 34.05   |
| AV   | 5.3756G   | 48.26          | 54.00          | -5.74       | 5.06        | 3        | Vertical  | 148         | 1.46       | -       | 43.20      | 31.43   | 7.69    | 34.06   |
| PK   | 5.0942G   | 60.71          | 74.00          | -13.29      | 5.47        | 3        | Vertical  | 148         | 1.46       | -       | 55.24      | 31.97   | 7.55    | 34.05   |
| PK   | 5.2376G   | 125.21         | Inf            | -Inf        | 5.02        | 3        | Vertical  | 148         | 1.46       | -       | 120.19     | 31.45   | 7.62    | 34.05   |
| PK   | 5.3642G   | 59.65          | 74.00          | -14.35      | 5.01        | 3        | Vertical  | 148         | 1.46       | -       | 54.64      | 31.39   | 7.68    | 34.06   |



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5240MHz\_TX



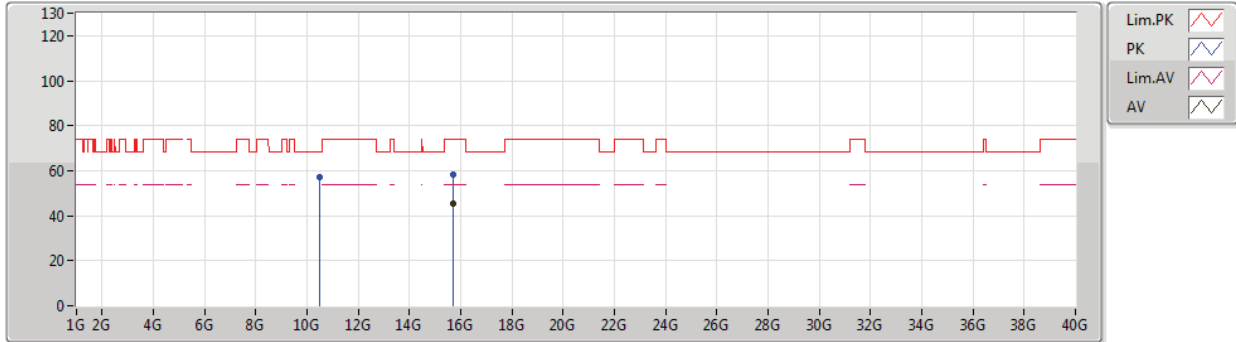
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.099G    | 46.00          | 54.00          | -8.00       | 5.50        | 3        | Horizontal | 147         | 1.49       | -       | 40.50      | 32.00   | 7.55    | 34.05   |
| AV   | 5.237G    | 101.93         | Inf            | -Inf        | 5.02        | 3        | Horizontal | 147         | 1.49       | -       | 96.91      | 31.45   | 7.62    | 34.05   |
| AV   | 5.3786G   | 44.35          | 54.00          | -9.65       | 5.07        | 3        | Horizontal | 147         | 1.49       | -       | 39.28      | 31.44   | 7.69    | 34.06   |
| PK   | 5.1206G   | 59.33          | 74.00          | -14.67      | 5.43        | 3        | Horizontal | 147         | 1.49       | -       | 53.90      | 31.92   | 7.56    | 34.05   |
| PK   | 5.237G    | 113.75         | Inf            | -Inf        | 5.02        | 3        | Horizontal | 147         | 1.49       | -       | 108.73     | 31.45   | 7.62    | 34.05   |
| PK   | 5.3606G   | 57.66          | 74.00          | -16.34      | 5.00        | 3        | Horizontal | 147         | 1.49       | -       | 52.66      | 31.38   | 7.68    | 34.06   |



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5240MHz\_TX



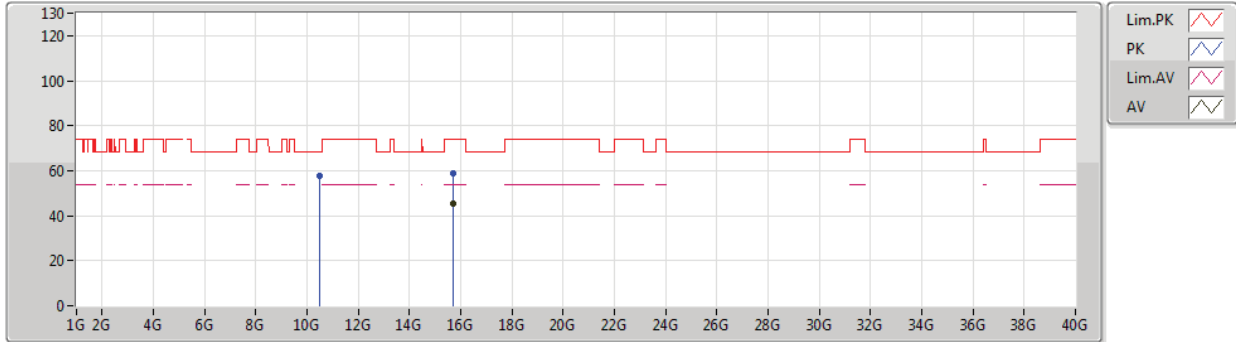
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 15.71902G | 45.21          | 54.00          | -8.79       | 15.12       | 3        | Vertical  | 359         | 1.50       | -       | 30.09      | 38.37   | 10.94   | 34.19   |
| PK   | 10.47996G | 57.40          | 68.20          | -10.80      | 14.77       | 3        | Vertical  | 80          | 2.77       | -       | 42.63      | 39.52   | 9.72    | 34.47   |
| PK   | 15.7187G  | 58.22          | 74.00          | -15.78      | 15.12       | 3        | Vertical  | 359         | 1.50       | -       | 43.10      | 38.37   | 10.94   | 34.19   |



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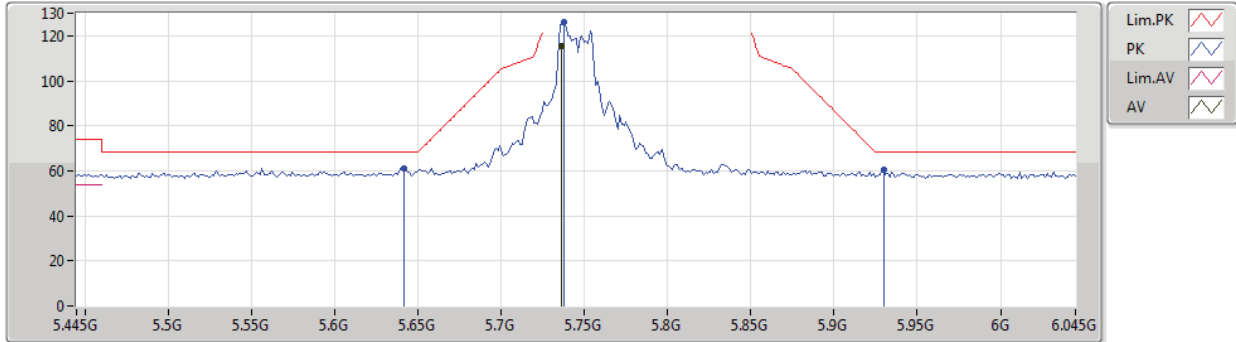
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 15.71937G | 45.25          | 54.00          | -8.75       | 15.12       | 3        | Horizontal | 215         | 1.00       | -       | 30.13      | 38.37   | 10.94   | 34.19   |
| PK   | 10.48001G | 57.95          | 68.20          | -10.25      | 14.77       | 3        | Horizontal | 321         | 1.42       | -       | 43.18      | 39.52   | 9.72    | 34.47   |
| PK   | 15.71868G | 58.97          | 74.00          | -15.03      | 15.12       | 3        | Horizontal | 215         | 1.00       | -       | 43.85      | 38.37   | 10.94   | 34.19   |



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| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.7366G   | 115.51         | Inf            | -Inf        | 5.71        | 3        | Vertical  | 69          | 2.38       | -       | 109.80     | 31.91   | 7.87    | 34.07   |
| PK   | 5.6418G   | 61.06          | 68.20          | -7.14       | 5.43        | 3        | Vertical  | 69          | 2.38       | -       | 55.63      | 31.68   | 7.82    | 34.07   |
| PK   | 5.7378G   | 126.22         | Inf            | -Inf        | 5.71        | 3        | Vertical  | 69          | 2.38       | -       | 120.51     | 31.91   | 7.87    | 34.07   |
| PK   | 5.9298G   | 60.37          | 68.20          | -7.83       | 6.28        | 3        | Vertical  | 69          | 2.38       | -       | 54.09      | 32.40   | 7.96    | 34.08   |

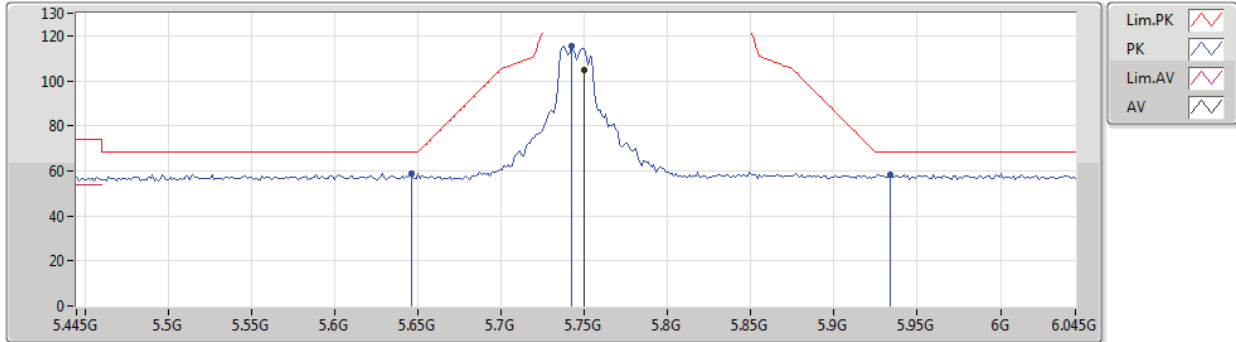




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13/05/2020

5745MHz\_TX



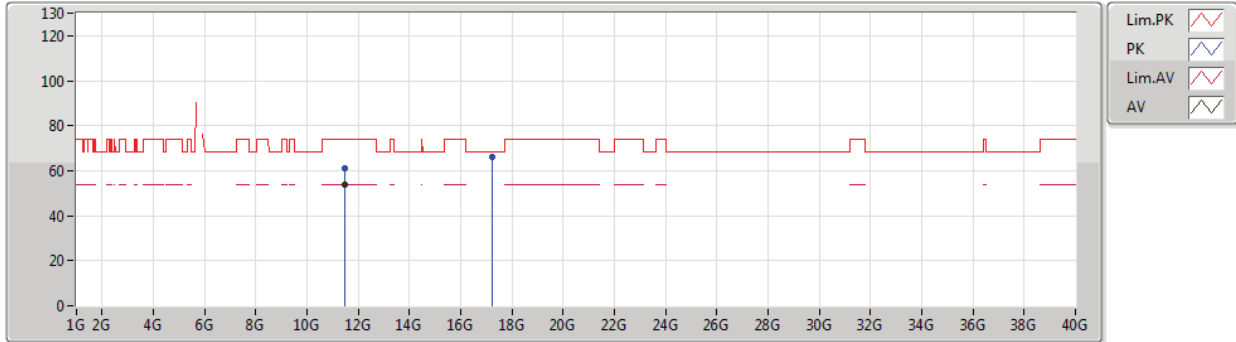
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.7498G   | 104.65         | Inf            | -Inf        | 5.75        | 3        | Horizontal | 36          | 1.50       | -       | 98.90      | 31.95   | 7.87    | 34.07   |
| PK   | 5.6466G   | 58.92          | 68.20          | -9.28       | 5.44        | 3        | Horizontal | 36          | 1.50       | -       | 53.48      | 31.69   | 7.82    | 34.07   |
| PK   | 5.7426G   | 115.51         | Inf            | -Inf        | 5.73        | 3        | Horizontal | 36          | 1.50       | -       | 109.78     | 31.93   | 7.87    | 34.07   |
| PK   | 5.9334G   | 58.34          | 68.20          | -9.86       | 6.29        | 3        | Horizontal | 36          | 1.50       | -       | 52.05      | 32.40   | 7.97    | 34.08   |



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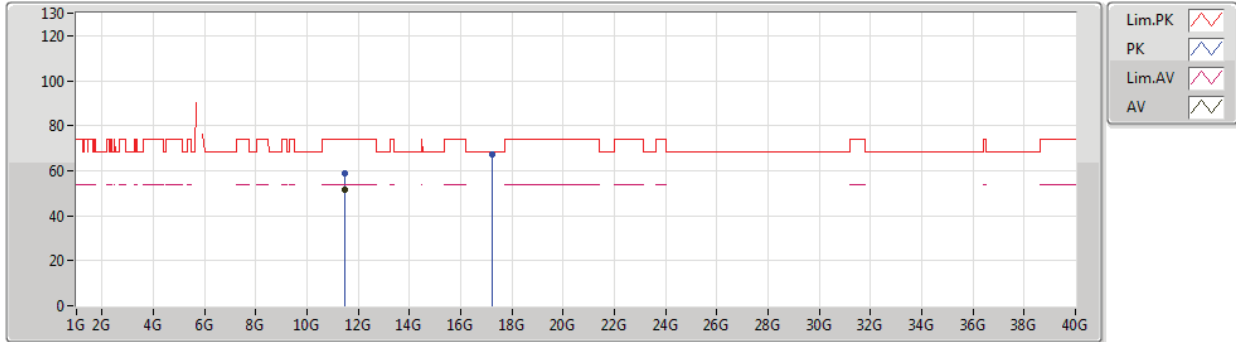
| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 11.49001G    | 53.81             | 54.00             | -0.19          | 15.34          | 3           | Vertical  | 82             | 1.50          | -       | 38.47         | 39.56      | 9.97       | 34.19      |
| PK   | 11.49004G    | 61.08             | 74.00             | -12.92         | 15.34          | 3           | Vertical  | 82             | 1.50          | -       | 45.74         | 39.56      | 9.97       | 34.19      |
| PK   | 17.23461G    | 65.95             | 68.20             | -2.25          | 19.90          | 3           | Vertical  | 269            | 1.50          | -       | 46.05         | 41.82      | 11.56      | 33.48      |



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5745MHz\_TX



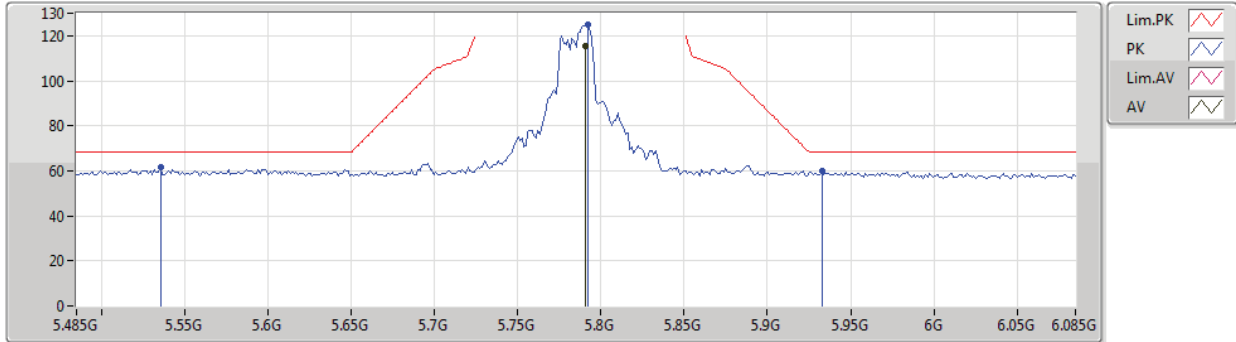
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|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.49G    | 51.31          | 54.00          | -2.69       | 15.34       | 3        | Horizontal | 81          | 1.53       | -       | 35.97      | 39.56   | 9.97    | 34.19   |
| PK   | 11.48992G | 58.90          | 74.00          | -15.10      | 15.34       | 3        | Horizontal | 81          | 1.53       | -       | 43.56      | 39.56   | 9.97    | 34.19   |
| PK   | 17.23484G | 67.43          | 68.20          | -0.77       | 19.90       | 3        | Horizontal | 253         | 1.63       | -       | 47.53      | 41.82   | 11.56   | 33.48   |



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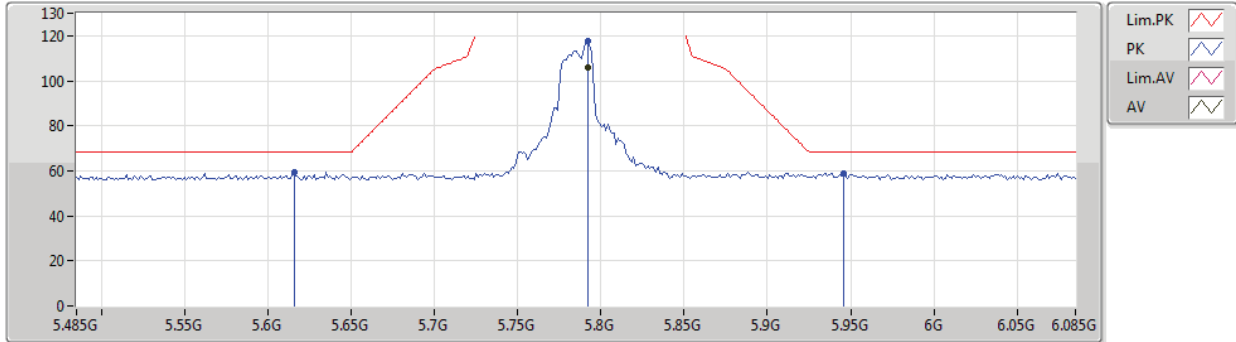
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.791G    | 115.32         | Inf            | -Inf        | 5.89        | 3        | Vertical  | 56          | 1.97       | -       | 109.43     | 32.07   | 7.90    | 34.08   |
| PK   | 5.5354G   | 61.71          | 68.20          | -6.49       | 5.43        | 3        | Vertical  | 56          | 1.97       | -       | 56.28      | 31.73   | 7.77    | 34.07   |
| PK   | 5.7922G   | 125.14         | Inf            | -Inf        | 5.90        | 3        | Vertical  | 56          | 1.97       | -       | 119.24     | 32.08   | 7.90    | 34.08   |
| PK   | 5.9326G   | 59.74          | 68.20          | -8.46       | 6.29        | 3        | Vertical  | 56          | 1.97       | -       | 53.45      | 32.40   | 7.97    | 34.08   |



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13/05/2020

5785MHz\_TX



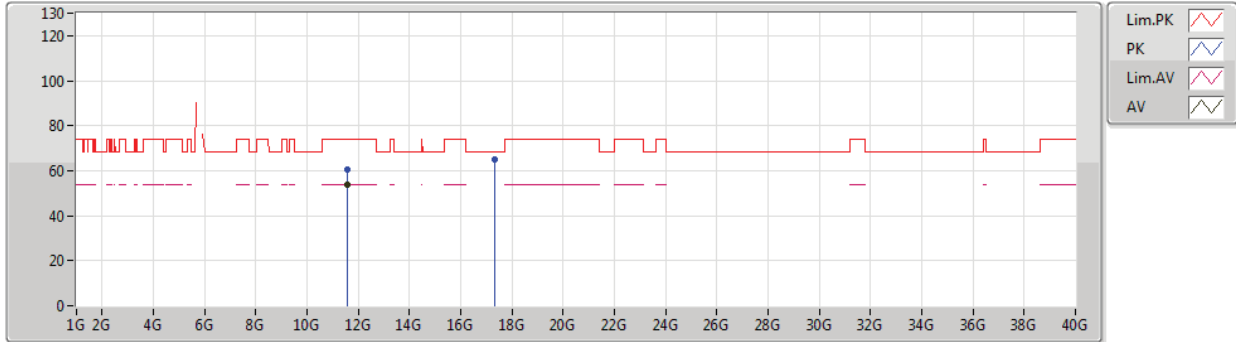
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.7922G   | 106.13         | Inf            | -Inf        | 5.90        | 3        | Horizontal | 200         | 2.17       | -       | 100.23     | 32.08   | 7.90    | 34.08   |
| PK   | 5.6158G   | 59.46          | 68.20          | -8.74       | 5.37        | 3        | Horizontal | 200         | 2.17       | -       | 54.09      | 31.63   | 7.81    | 34.07   |
| PK   | 5.7922G   | 117.41         | Inf            | -Inf        | 5.90        | 3        | Horizontal | 200         | 2.17       | -       | 111.51     | 32.08   | 7.90    | 34.08   |
| PK   | 5.9458G   | 58.83          | 68.20          | -9.37       | 6.29        | 3        | Horizontal | 200         | 2.17       | -       | 52.54      | 32.40   | 7.97    | 34.08   |



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5785MHz\_TX



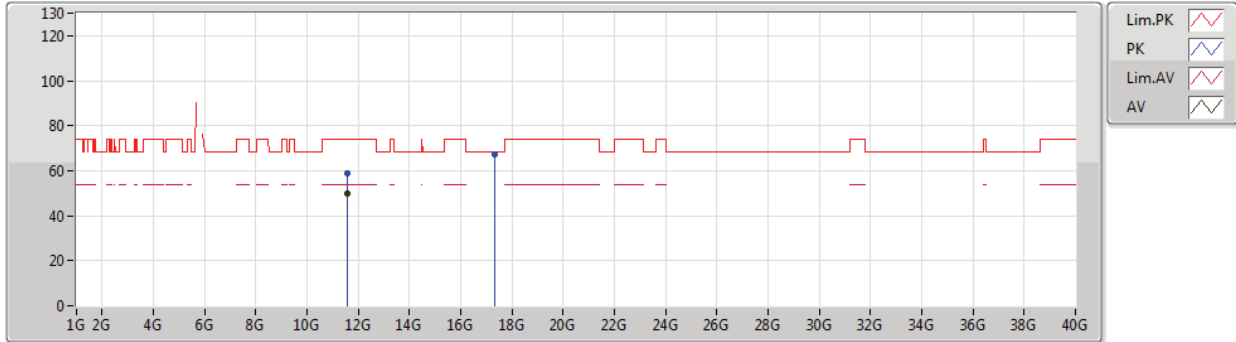
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.56996G | 53.90          | 54.00          | -0.10       | 15.26       | 3        | Vertical  | 78          | 1.50       | -       | 38.64      | 39.46   | 9.99    | 34.19   |
| PK   | 11.57006G | 60.45          | 74.00          | -13.55      | 15.26       | 3        | Vertical  | 78          | 1.50       | -       | 45.19      | 39.46   | 9.99    | 34.19   |
| PK   | 17.35112G | 64.88          | 68.20          | -3.32       | 20.73       | 3        | Vertical  | 214         | 1.27       | -       | 44.15      | 42.62   | 11.61   | 33.50   |



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5785MHz\_TX



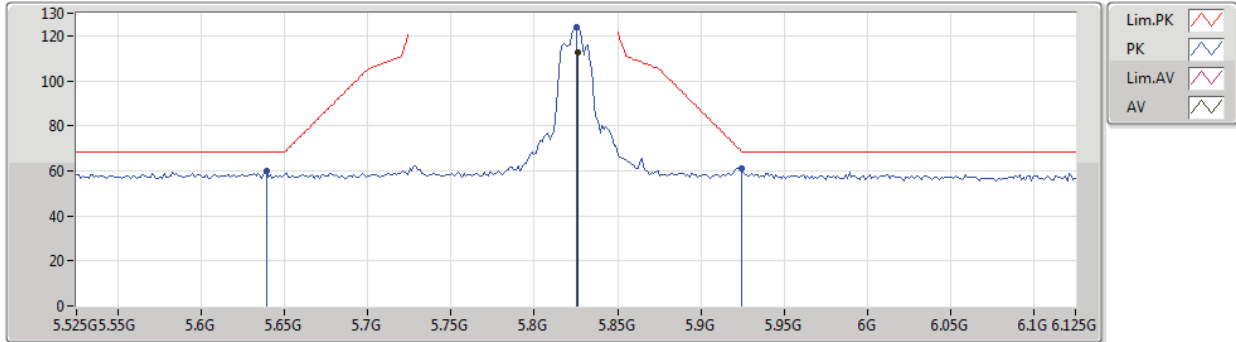
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.57G    | 50.10          | 54.00          | -3.90       | 15.26       | 3        | Horizontal | 77          | 1.49       | -       | 34.84      | 39.46   | 9.99    | 34.19   |
| PK   | 11.57004G | 58.81          | 74.00          | -15.19      | 15.26       | 3        | Horizontal | 77          | 1.49       | -       | 43.55      | 39.46   | 9.99    | 34.19   |
| PK   | 17.3506G  | 67.29          | 68.20          | -0.91       | 20.73       | 3        | Horizontal | 251         | 1.50       | -       | 46.56      | 42.62   | 11.61   | 33.50   |



802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

12/05/2020

5825MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.8262G   | 112.89         | Inf            | -Inf        | 6.01        | 3        | Vertical  | 99          | 2.21       | -       | 106.88     | 32.18   | 7.91    | 34.08   |
| PK   | 5.639G    | 59.85          | 68.20          | -8.35       | 5.43        | 3        | Vertical  | 99          | 2.21       | -       | 54.42      | 31.68   | 7.82    | 34.07   |
| PK   | 5.825G    | 123.75         | Inf            | -Inf        | 6.00        | 3        | Vertical  | 99          | 2.21       | -       | 117.75     | 32.17   | 7.91    | 34.08   |
| PK   | 5.9246G   | 61.25          | 68.50          | -7.25       | 6.28        | 3        | Vertical  | 99          | 2.21       | -       | 54.97      | 32.40   | 7.96    | 34.08   |

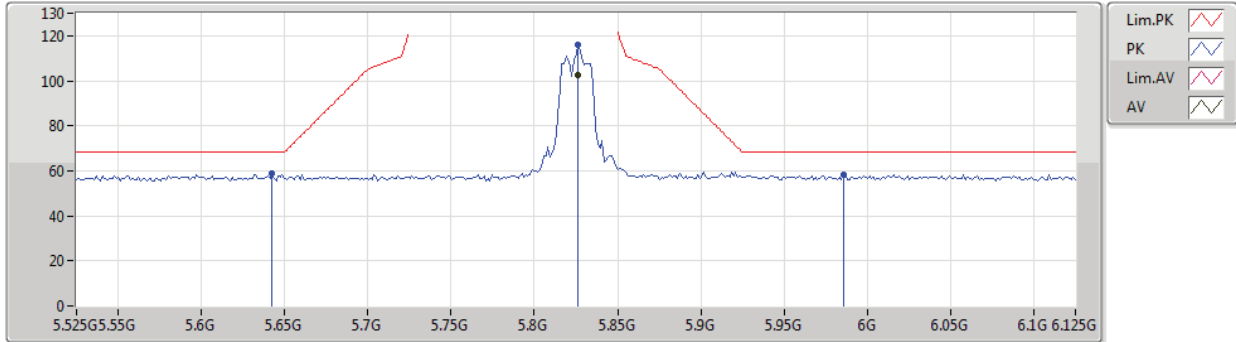




802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

12/05/2020

5825MHz\_TX



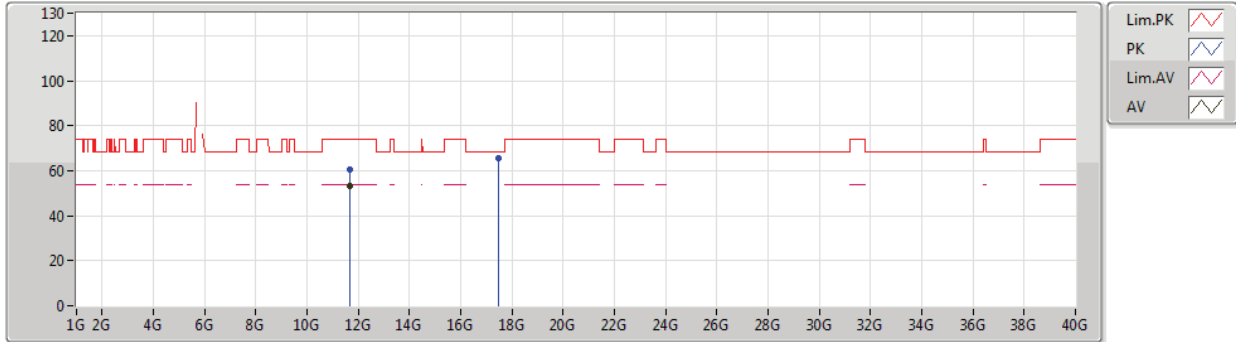
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.8262G   | 102.59         | Inf            | -Inf        | 6.01        | 3        | Horizontal | 38          | 1.50       | -       | 96.58      | 32.18   | 7.91    | 34.08   |
| PK   | 5.6426G   | 58.65          | 68.20          | -9.55       | 5.44        | 3        | Horizontal | 38          | 1.50       | -       | 53.21      | 31.69   | 7.82    | 34.07   |
| PK   | 5.8262G   | 115.94         | Inf            | -Inf        | 6.01        | 3        | Horizontal | 38          | 1.50       | -       | 109.93     | 32.18   | 7.91    | 34.08   |
| PK   | 5.9858G   | 58.09          | 68.20          | -10.11      | 6.31        | 3        | Horizontal | 38          | 1.50       | -       | 51.78      | 32.40   | 7.99    | 34.08   |



802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

12/05/2020

5825MHz\_TX



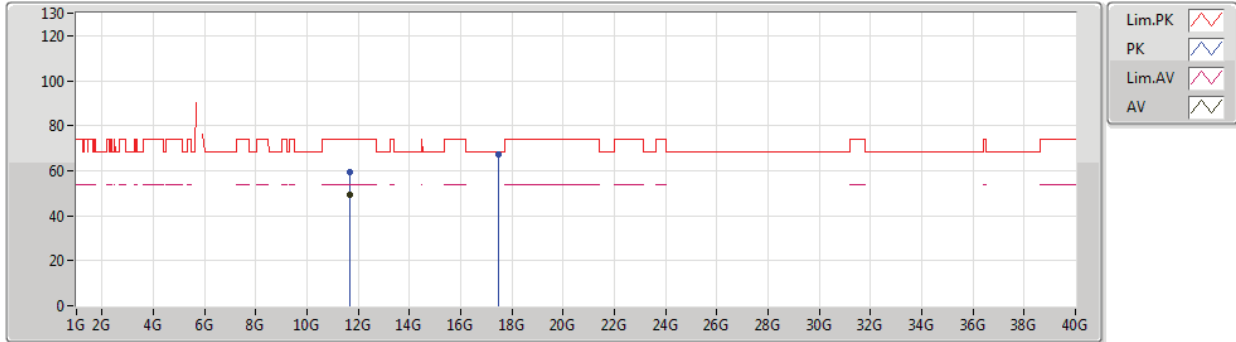
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.64999G | 53.36          | 54.00          | -0.64       | 15.17       | 3        | Vertical  | 78          | 1.52       | -       | 38.19      | 39.36   | 10.01   | 34.20   |
| PK   | 11.64998G | 60.67          | 74.00          | -13.33      | 15.17       | 3        | Vertical  | 78          | 1.52       | -       | 45.50      | 39.36   | 10.01   | 34.20   |
| PK   | 17.47339G | 65.66          | 68.20          | -2.54       | 21.61       | 3        | Vertical  | 217         | 1.17       | -       | 44.05      | 43.47   | 11.66   | 33.52   |



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5825MHz\_TX



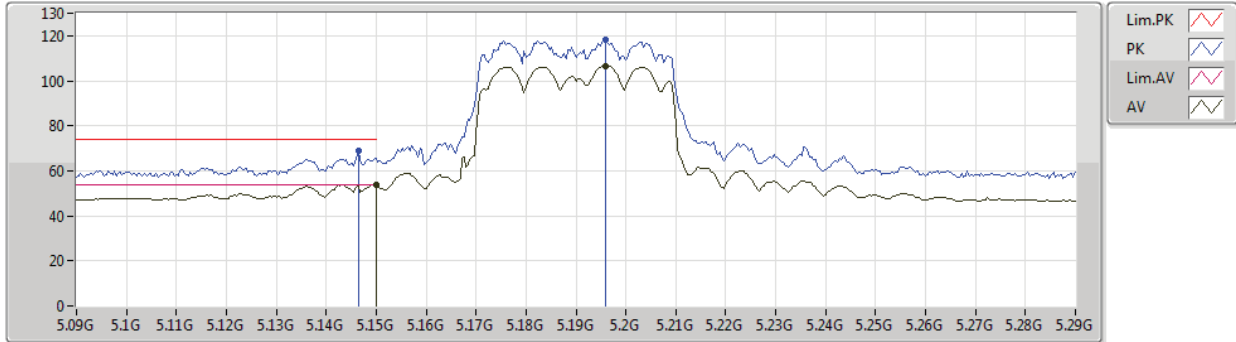
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.65002G | 49.22          | 54.00          | -4.78       | 15.16       | 3        | Horizontal | 76          | 1.50       | -       | 34.06      | 39.35   | 10.01   | 34.20   |
| PK   | 11.65004G | 59.48          | 74.00          | -14.52      | 15.16       | 3        | Horizontal | 76          | 1.50       | -       | 44.32      | 39.35   | 10.01   | 34.20   |
| PK   | 17.47539G | 67.52          | 68.20          | -0.68       | 21.61       | 3        | Horizontal | 257         | 1.39       | -       | 45.91      | 43.48   | 11.66   | 33.53   |



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5190MHz\_TX



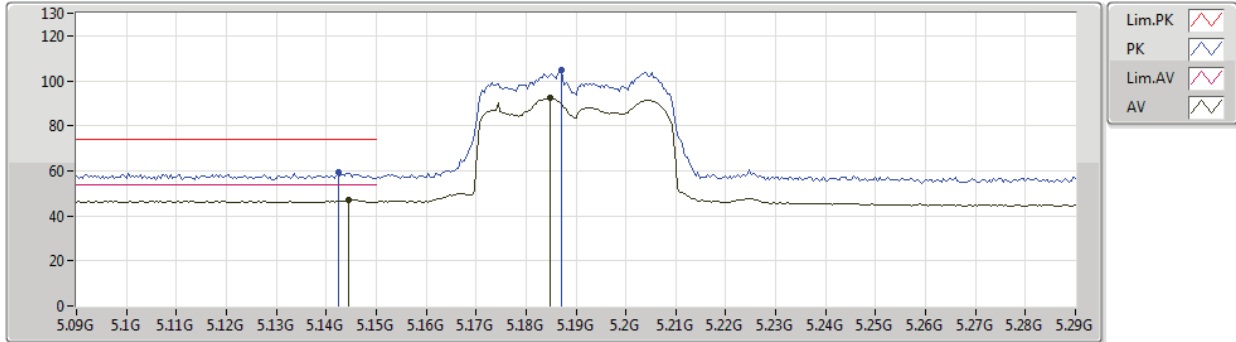
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.15G     | 53.82          | 54.00          | -0.18       | 5.32        | 3        | Vertical  | 144         | 1.50       | -       | 48.50      | 31.80   | 7.57    | 34.05   |
| AV   | 5.196G    | 106.67         | Inf            | -Inf        | 5.17        | 3        | Vertical  | 144         | 1.50       | -       | 101.50     | 31.62   | 7.60    | 34.05   |
| PK   | 5.1464G   | 69.09          | 74.00          | -4.91       | 5.33        | 3        | Vertical  | 144         | 1.50       | -       | 63.76      | 31.81   | 7.57    | 34.05   |
| PK   | 5.196G    | 118.45         | Inf            | -Inf        | 5.17        | 3        | Vertical  | 144         | 1.50       | -       | 113.28     | 31.62   | 7.60    | 34.05   |



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13/05/2020

5190MHz\_TX



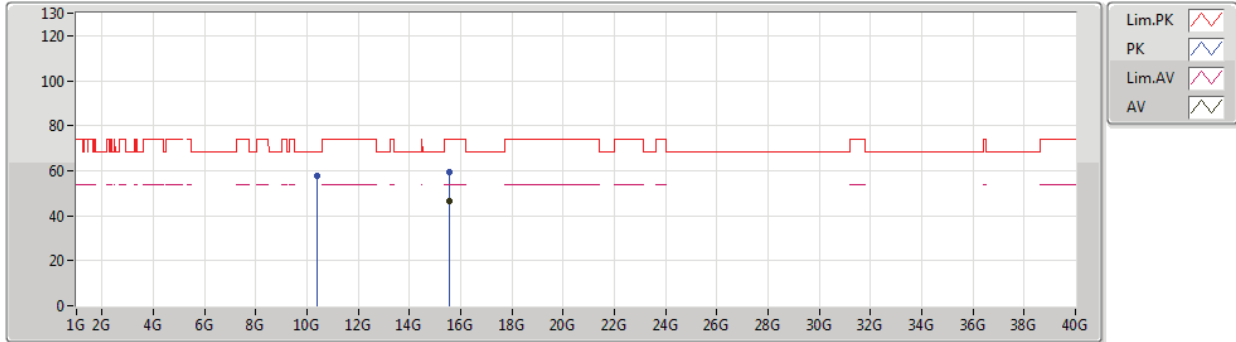
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.1444G   | 47.07          | 54.00          | -6.93       | 5.34        | 3        | Horizontal | 18          | 1.03       | -       | 41.73      | 31.82   | 7.57    | 34.05   |
| AV   | 5.1848G   | 92.26          | Inf            | -Inf        | 5.20        | 3        | Horizontal | 18          | 1.03       | -       | 87.06      | 31.66   | 7.59    | 34.05   |
| PK   | 5.1424G   | 59.36          | 74.00          | -14.64      | 5.35        | 3        | Horizontal | 18          | 1.03       | -       | 54.01      | 31.83   | 7.57    | 34.05   |
| PK   | 5.1872G   | 105.04         | Inf            | -Inf        | 5.19        | 3        | Horizontal | 18          | 1.03       | -       | 99.85      | 31.65   | 7.59    | 34.05   |



802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

13/05/2020

5190MHz\_TX



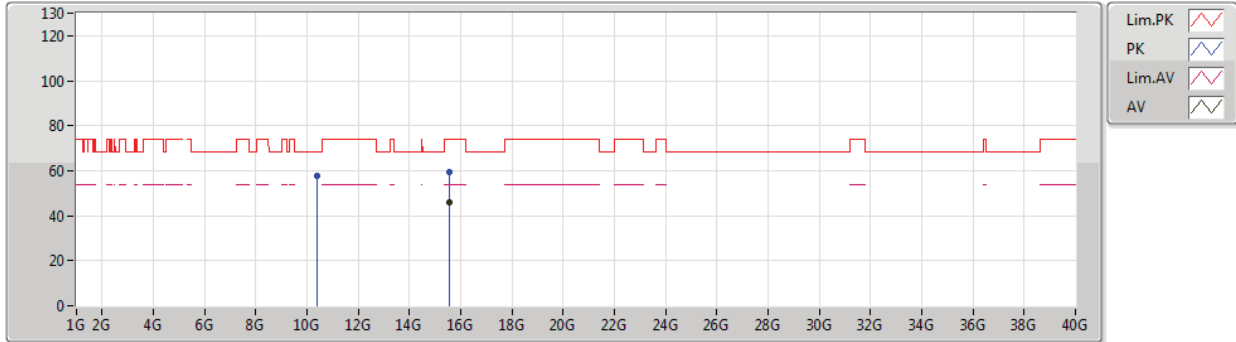
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 15.56926G | 46.25          | 54.00          | -7.75       | 15.71       | 3        | Vertical  | 330         | 1.50       | -       | 30.54      | 38.84   | 10.91   | 34.04   |
| PK   | 10.38036G | 57.97          | 68.20          | -10.23      | 14.56       | 3        | Vertical  | 74          | 2.96       | -       | 43.41      | 39.39   | 9.70    | 34.53   |
| PK   | 15.57043G | 59.39          | 74.00          | -14.61      | 15.70       | 3        | Vertical  | 330         | 1.50       | -       | 43.69      | 38.83   | 10.91   | 34.04   |



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5190MHz\_TX



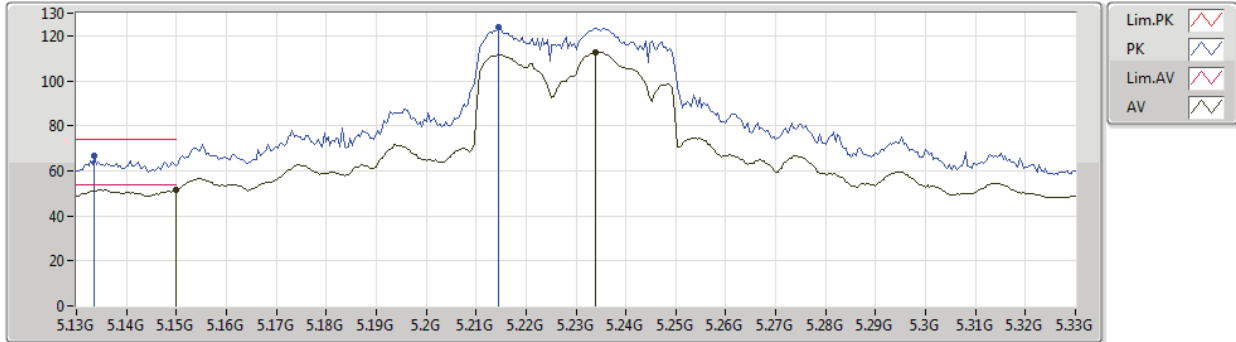
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 15.57098G | 46.20          | 54.00          | -7.80       | 15.70       | 3        | Horizontal | 175         | 1.50       | -       | 30.50      | 38.83   | 10.91   | 34.04   |
| PK   | 10.38028G | 57.88          | 68.20          | -10.32      | 14.56       | 3        | Horizontal | 320         | 1.50       | -       | 43.32      | 39.39   | 9.70    | 34.53   |
| PK   | 15.56978G | 59.17          | 74.00          | -14.83      | 15.70       | 3        | Horizontal | 175         | 1.50       | -       | 43.47      | 38.83   | 10.91   | 34.04   |



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13/05/2020

5230MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.15G     | 51.74          | 54.00          | -2.26       | 5.32        | 3        | Vertical  | 56          | 1.77       | -       | 46.42      | 31.80   | 7.57    | 34.05   |
| AV   | 5.234G    | 112.82         | Inf            | -Inf        | 5.03        | 3        | Vertical  | 56          | 1.77       | -       | 107.79     | 31.46   | 7.62    | 34.05   |
| PK   | 5.1336G   | 66.80          | 74.00          | -7.20       | 5.39        | 3        | Vertical  | 56          | 1.77       | -       | 61.41      | 31.87   | 7.57    | 34.05   |
| PK   | 5.2144G   | 123.73         | Inf            | -Inf        | 5.10        | 3        | Vertical  | 56          | 1.77       | -       | 118.63     | 31.54   | 7.61    | 34.05   |

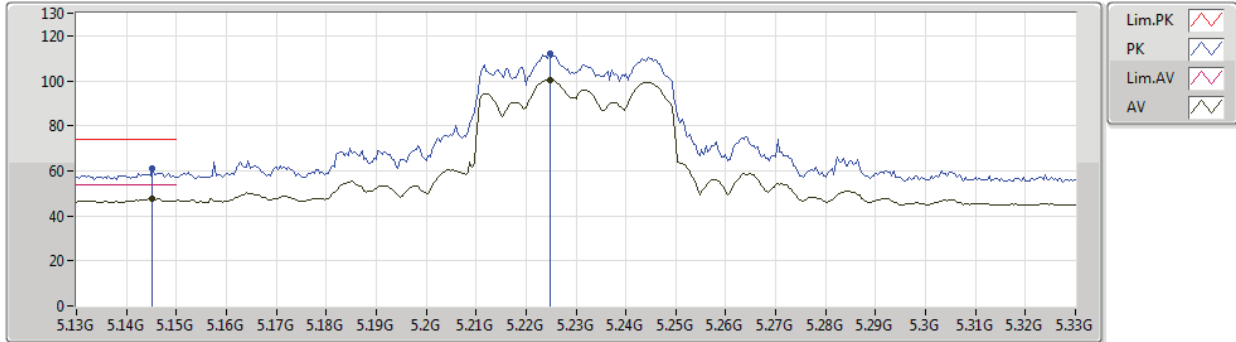




802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

13/05/2020

5230MHz\_TX



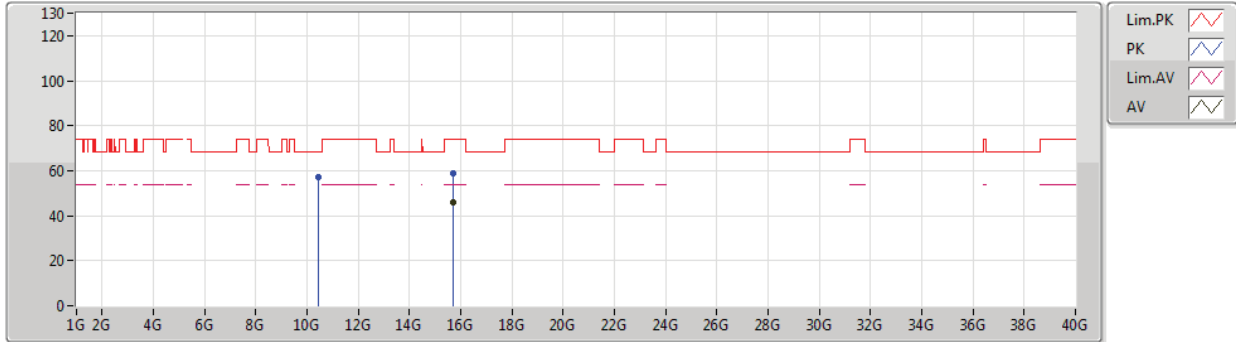
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.1452G   | 47.64          | 54.00          | -6.36       | 5.34        | 3        | Horizontal | 159         | 1.50       | -       | 42.30      | 31.82   | 7.57    | 34.05   |
| AV   | 5.2248G   | 100.30         | Inf            | -Inf        | 5.06        | 3        | Horizontal | 159         | 1.50       | -       | 95.24      | 31.50   | 7.61    | 34.05   |
| PK   | 5.1452G   | 60.96          | 74.00          | -13.04      | 5.34        | 3        | Horizontal | 159         | 1.50       | -       | 55.62      | 31.82   | 7.57    | 34.05   |
| PK   | 5.2248G   | 112.13         | Inf            | -Inf        | 5.06        | 3        | Horizontal | 159         | 1.50       | -       | 107.07     | 31.50   | 7.61    | 34.05   |



802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

13/05/2020

5230MHz\_TX



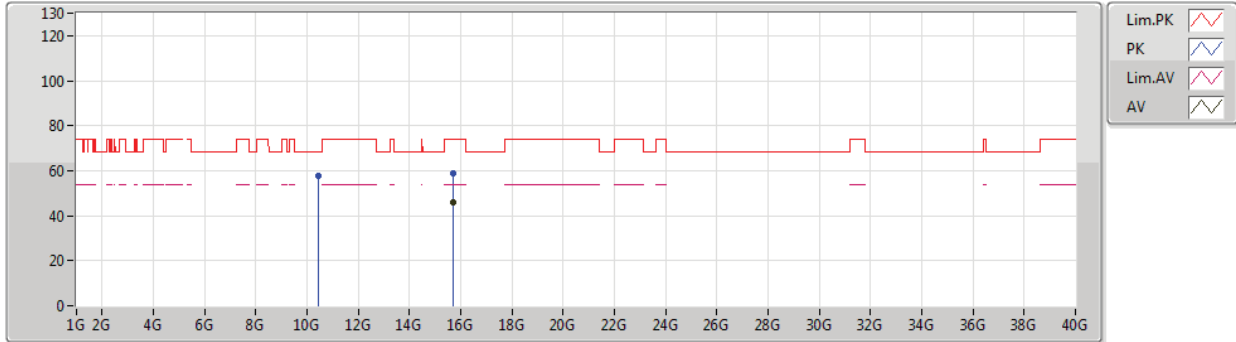
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 15.69044G | 46.02          | 54.00          | -7.98       | 15.24       | 3        | Vertical  | 303         | 1.50       | -       | 30.78      | 38.46   | 10.94   | 34.16   |
| PK   | 10.4597G  | 57.13          | 68.20          | -11.07      | 14.73       | 3        | Vertical  | 32          | 1.50       | -       | 42.40      | 39.50   | 9.71    | 34.48   |
| PK   | 15.68929G | 58.89          | 74.00          | -15.11      | 15.24       | 3        | Vertical  | 303         | 1.50       | -       | 43.65      | 38.46   | 10.94   | 34.16   |



802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

13/05/2020

5230MHz\_TX



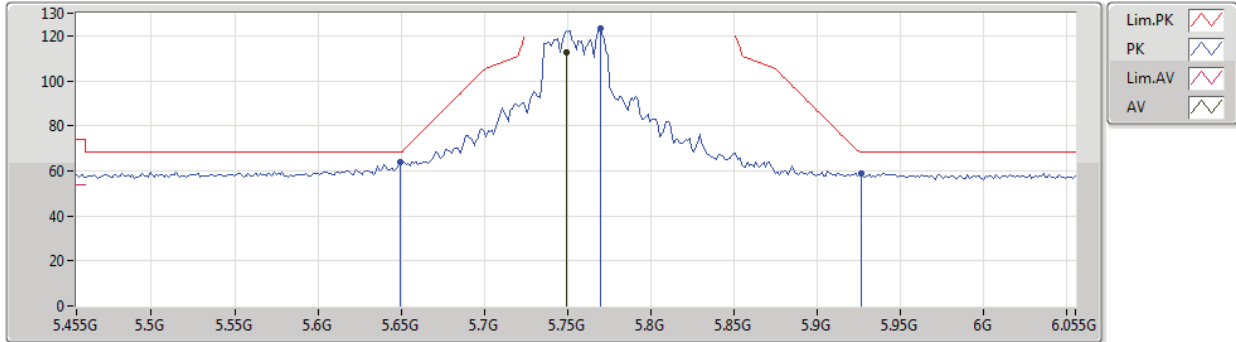
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 15.69074G | 45.95          | 54.00          | -8.05       | 15.24       | 3        | Horizontal | 288         | 2.89       | -       | 30.71      | 38.46   | 10.94   | 34.16   |
| PK   | 10.46007G | 57.80          | 68.20          | -10.40      | 14.74       | 3        | Horizontal | 317         | 1.50       | -       | 43.06      | 39.50   | 9.72    | 34.48   |
| PK   | 15.6893G  | 58.81          | 74.00          | -15.19      | 15.24       | 3        | Horizontal | 288         | 2.89       | -       | 43.57      | 38.46   | 10.94   | 34.16   |



802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

13/05/2020

5755MHz\_TX



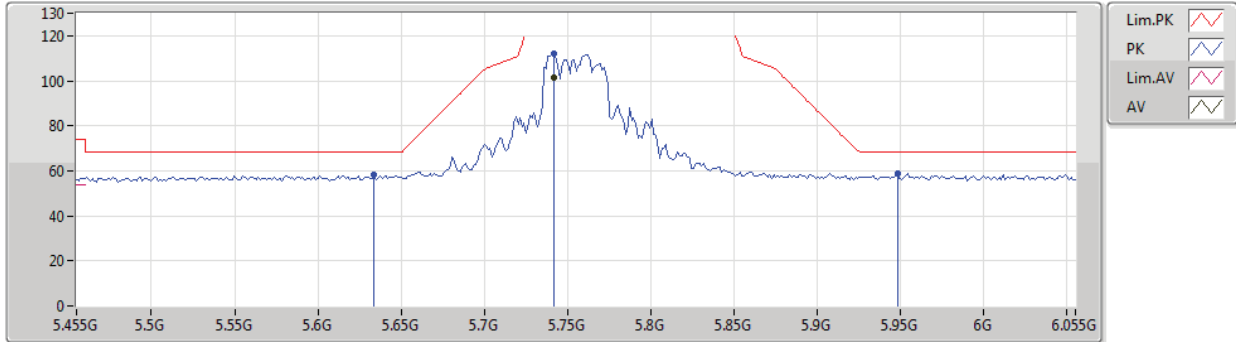
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.749G    | 112.53         | Inf            | -Inf        | 5.75        | 3        | Vertical  | 144         | 1.48       | -       | 106.78     | 31.95   | 7.87    | 34.07   |
| PK   | 5.6494G   | 63.74          | 68.20          | -4.46       | 5.45        | 3        | Vertical  | 144         | 1.48       | -       | 58.29      | 31.70   | 7.82    | 34.07   |
| PK   | 5.7694G   | 123.25         | Inf            | -Inf        | 5.81        | 3        | Vertical  | 144         | 1.48       | -       | 117.44     | 32.01   | 7.88    | 34.08   |
| PK   | 5.9266G   | 58.74          | 68.20          | -9.46       | 6.28        | 3        | Vertical  | 144         | 1.48       | -       | 52.46      | 32.40   | 7.96    | 34.08   |



802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

13/05/2020

5755MHz\_TX



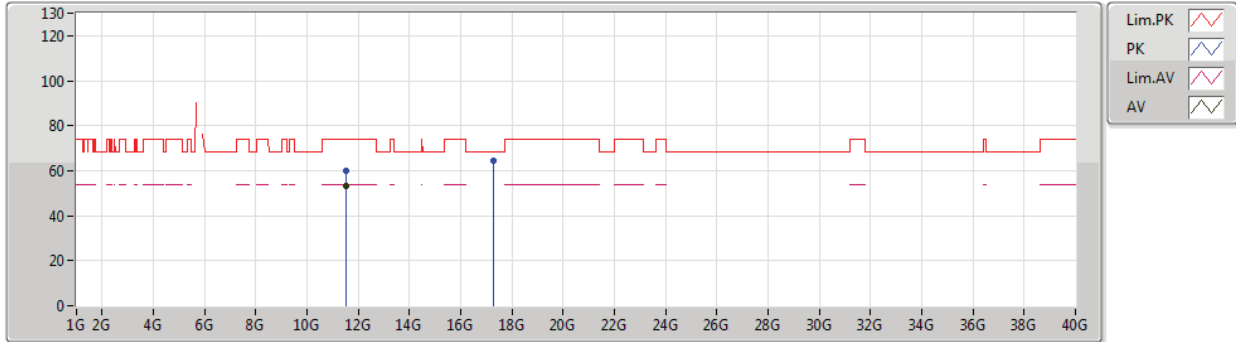
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.7418G   | 101.40         | Inf            | -Inf        | 5.73        | 3        | Horizontal | 197         | 1.50       | -       | 95.67      | 31.93   | 7.87    | 34.07   |
| PK   | 5.6338G   | 58.02          | 68.20          | -10.18      | 5.42        | 3        | Horizontal | 197         | 1.50       | -       | 52.60      | 31.67   | 7.82    | 34.07   |
| PK   | 5.7418G   | 112.32         | Inf            | -Inf        | 5.73        | 3        | Horizontal | 197         | 1.50       | -       | 106.59     | 31.93   | 7.87    | 34.07   |
| PK   | 5.9482G   | 58.83          | 68.20          | -9.37       | 6.29        | 3        | Horizontal | 197         | 1.50       | -       | 52.54      | 32.40   | 7.97    | 34.08   |



802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

13/05/2020

5755MHz\_TX



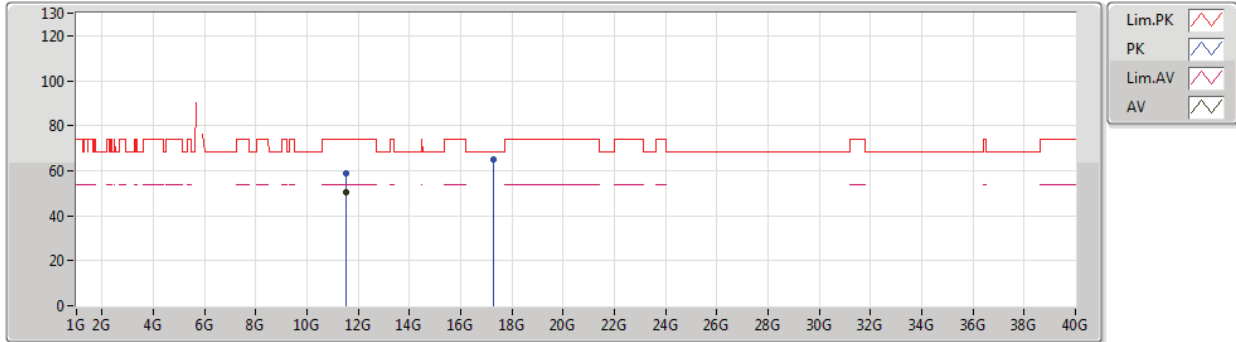
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.51003G | 52.96          | 54.00          | -1.04       | 15.33       | 3        | Vertical  | 81          | 1.50       | -       | 37.63      | 39.54   | 9.98    | 34.19   |
| PK   | 11.50999G | 60.07          | 74.00          | -13.93      | 15.33       | 3        | Vertical  | 81          | 1.50       | -       | 44.74      | 39.54   | 9.98    | 34.19   |
| PK   | 17.26994G | 64.40          | 68.20          | -3.80       | 20.15       | 3        | Vertical  | 267         | 1.42       | -       | 44.25      | 42.06   | 11.57   | 33.48   |



802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

13/05/2020

5755MHz\_TX



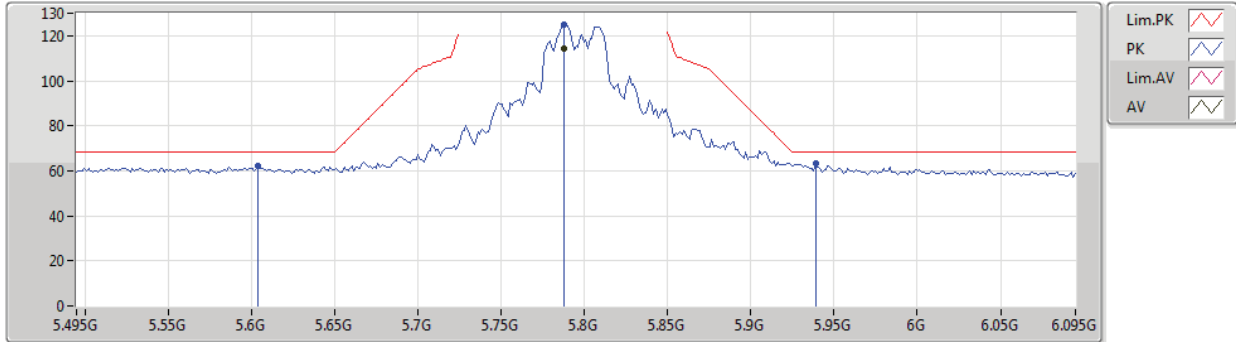
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.50996G | 50.68          | 54.00          | -3.32       | 15.33       | 3        | Horizontal | 82          | 1.50       | -       | 35.35      | 39.54   | 9.98    | 34.19   |
| PK   | 11.50992G | 59.07          | 74.00          | -14.93      | 15.33       | 3        | Horizontal | 82          | 1.50       | -       | 43.74      | 39.54   | 9.98    | 34.19   |
| PK   | 17.26666G | 65.03          | 68.20          | -3.17       | 20.13       | 3        | Horizontal | 252         | 1.50       | -       | 44.90      | 42.04   | 11.57   | 33.48   |



802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

13/05/2020

5795MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.7878G   | 114.52         | Inf            | -Inf        | 5.87        | 3        | Vertical  | 41          | 1.50       | -       | 108.65     | 32.06   | 7.89    | 34.08   |
| PK   | 5.6042G   | 62.36          | 68.20          | -5.84       | 5.34        | 3        | Vertical  | 41          | 1.50       | -       | 57.02      | 31.61   | 7.80    | 34.07   |
| PK   | 5.7878G   | 125.16         | Inf            | -Inf        | 5.87        | 3        | Vertical  | 41          | 1.50       | -       | 119.29     | 32.06   | 7.89    | 34.08   |
| PK   | 5.939G    | 63.06          | 68.20          | -5.14       | 6.29        | 3        | Vertical  | 41          | 1.50       | -       | 56.77      | 32.40   | 7.97    | 34.08   |

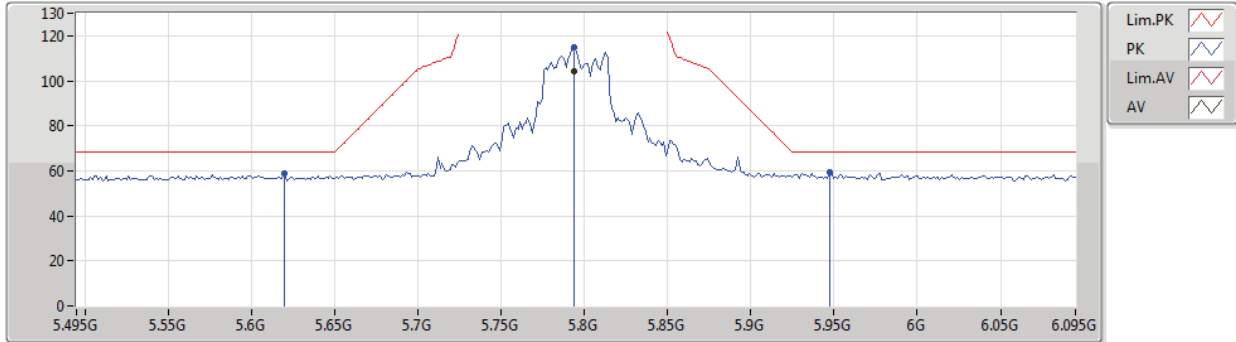




802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

13/05/2020

5795MHz\_TX



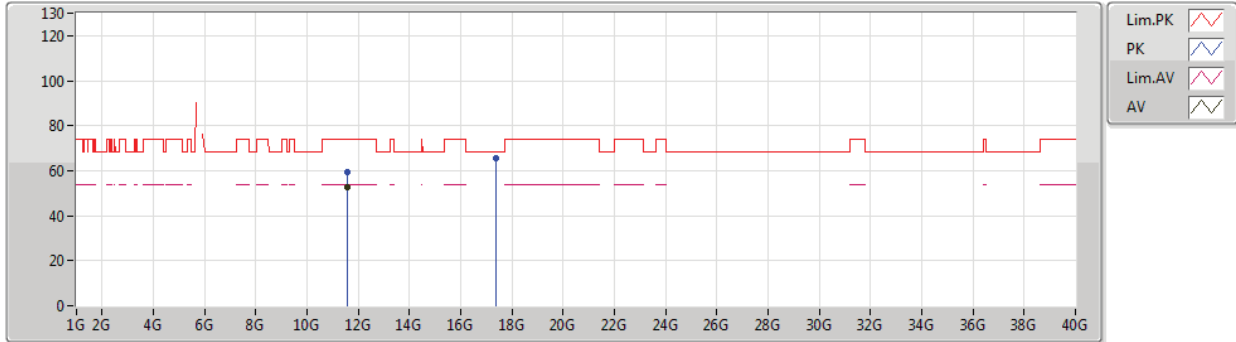
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|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.7938G   | 104.04         | Inf            | -Inf        | 5.90        | 3        | Horizontal | 43          | 1.46       | -       | 98.14      | 32.08   | 7.90    | 34.08   |
| PK   | 5.6198G   | 58.59          | 68.20          | -9.61       | 5.38        | 3        | Horizontal | 43          | 1.46       | -       | 53.21      | 31.64   | 7.81    | 34.07   |
| PK   | 5.7938G   | 114.76         | Inf            | -Inf        | 5.90        | 3        | Horizontal | 43          | 1.46       | -       | 108.86     | 32.08   | 7.90    | 34.08   |
| PK   | 5.9474G   | 59.34          | 68.20          | -8.86       | 6.29        | 3        | Horizontal | 43          | 1.46       | -       | 53.05      | 32.40   | 7.97    | 34.08   |



802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

13/05/2020

5795MHz\_TX



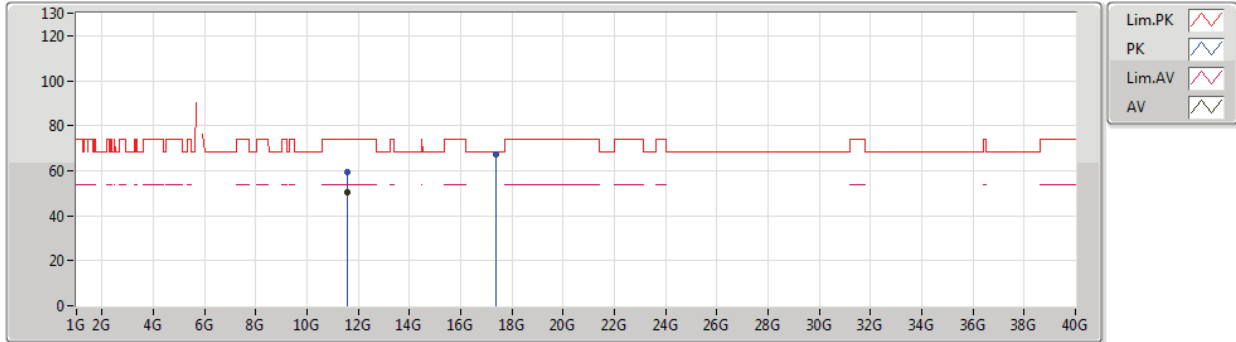
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|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.59006G | 52.89          | 54.00          | -1.11       | 15.23       | 3        | Vertical  | 77          | 1.50       | -       | 37.66      | 39.43   | 10.00   | 34.20   |
| PK   | 11.59012G | 59.24          | 74.00          | -14.76      | 15.23       | 3        | Vertical  | 77          | 1.50       | -       | 44.01      | 39.43   | 10.00   | 34.20   |
| PK   | 17.38516G | 65.72          | 68.20          | -2.48       | 20.97       | 3        | Vertical  | 216         | 1.50       | -       | 44.75      | 42.86   | 11.62   | 33.51   |



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5795MHz\_TX



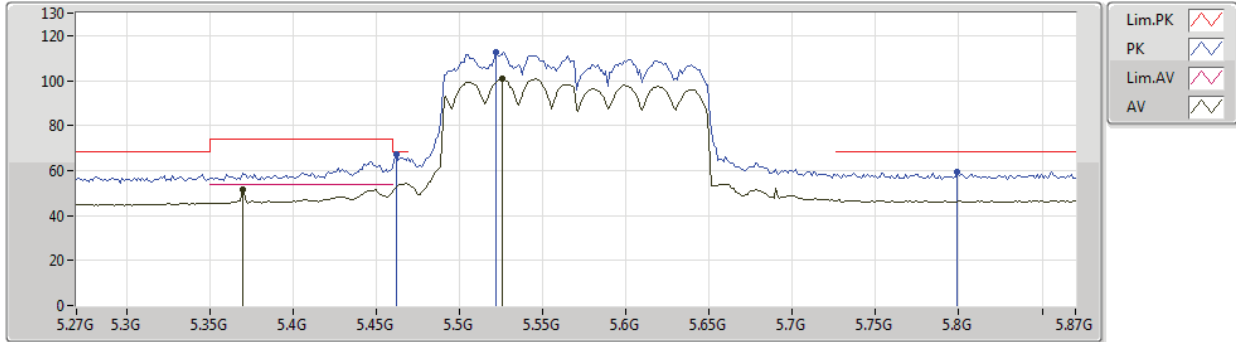
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.58994G | 50.25          | 54.00          | -3.75       | 15.23       | 3        | Horizontal | 75          | 1.62       | -       | 35.02      | 39.43   | 10.00   | 34.20   |
| PK   | 11.59007G | 59.28          | 74.00          | -14.72      | 15.23       | 3        | Horizontal | 75          | 1.62       | -       | 44.05      | 39.43   | 10.00   | 34.20   |
| PK   | 17.38266G | 67.45          | 68.20          | -0.75       | 20.95       | 3        | Horizontal | 254         | 1.65       | -       | 46.50      | 42.84   | 11.62   | 33.51   |



802.11ax HEW80+80-BF\_Nss2,(MCS0)\_4TX

13/05/2020

#5530MHz,#5610MHz\_TX



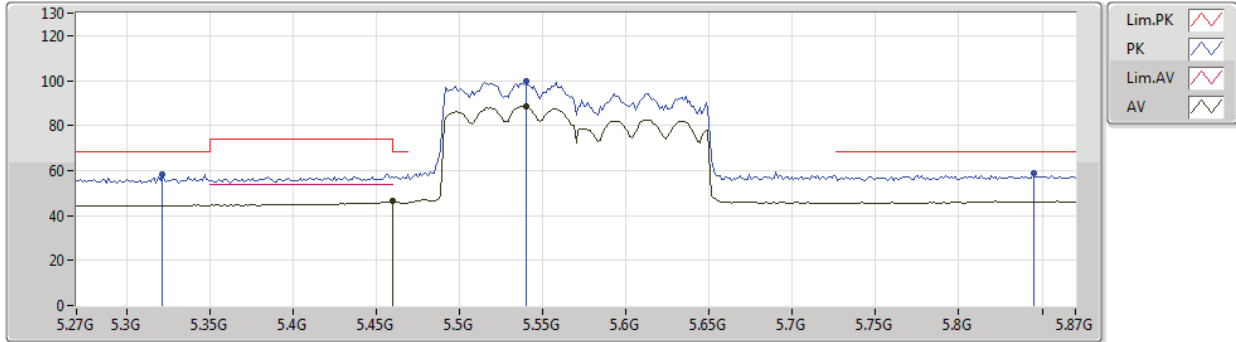
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.3696G   | 51.67          | 54.00          | -2.33       | 5.03        | 3        | Vertical  | 49          | 1.59       | -       | 46.64      | 31.41   | 7.68    | 34.06   |
| AV   | 5.5256G   | 100.86         | Inf            | -Inf        | 5.44        | 3        | Vertical  | 49          | 1.59       | -       | 95.42      | 31.75   | 7.76    | 34.07   |
| PK   | 5.462G    | 67.14          | 68.20          | -1.06       | 5.35        | 3        | Vertical  | 49          | 1.59       | -       | 61.79      | 31.69   | 7.73    | 34.07   |
| PK   | 5.522G    | 112.59         | Inf            | -Inf        | 5.45        | 3        | Vertical  | 49          | 1.59       | -       | 107.14     | 31.76   | 7.76    | 34.07   |
| PK   | 5.7992G   | 59.18          | 68.20          | -9.02       | 5.92        | 3        | Vertical  | 49          | 1.59       | -       | 53.26      | 32.10   | 7.90    | 34.08   |



802.11ax HEW80+80-BF\_Nss2,(MCS0)\_4TX

13/05/2020

#5530MHz,#5610MHz\_TX



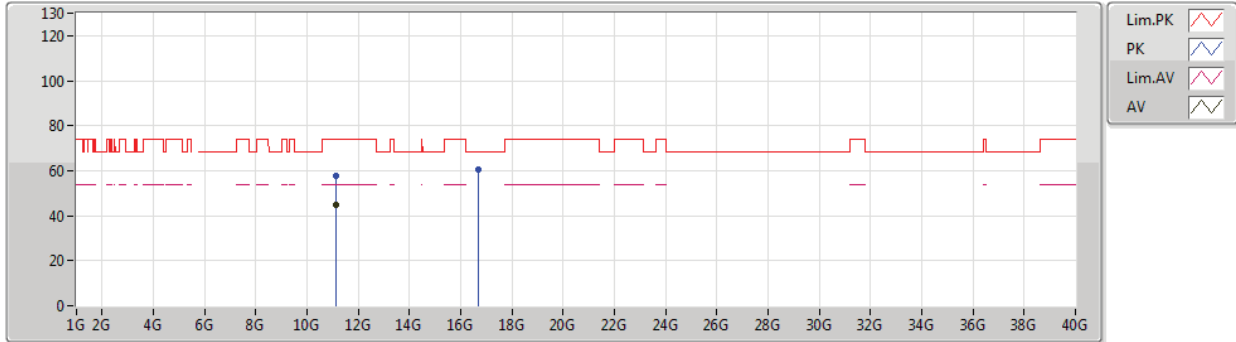
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.4596G   | 46.34          | 54.00          | -7.66       | 5.34        | 3        | Horizontal | 36          | 1.48       | -       | 41.00      | 31.68   | 7.73    | 34.07   |
| AV   | 5.54G     | 88.73          | Inf            | -Inf        | 5.42        | 3        | Horizontal | 36          | 1.48       | -       | 83.31      | 31.72   | 7.77    | 34.07   |
| PK   | 5.3216G   | 58.24          | 68.20          | -9.96       | 4.86        | 3        | Horizontal | 36          | 1.48       | -       | 53.38      | 31.26   | 7.66    | 34.06   |
| PK   | 5.54G     | 99.57          | Inf            | -Inf        | 5.42        | 3        | Horizontal | 36          | 1.48       | -       | 94.15      | 31.72   | 7.77    | 34.07   |
| PK   | 5.8448G   | 58.60          | 68.20          | -9.60       | 6.07        | 3        | Horizontal | 36          | 1.48       | -       | 52.53      | 32.23   | 7.92    | 34.08   |



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13/05/2020

#5530MHz,#5610MHz\_TX



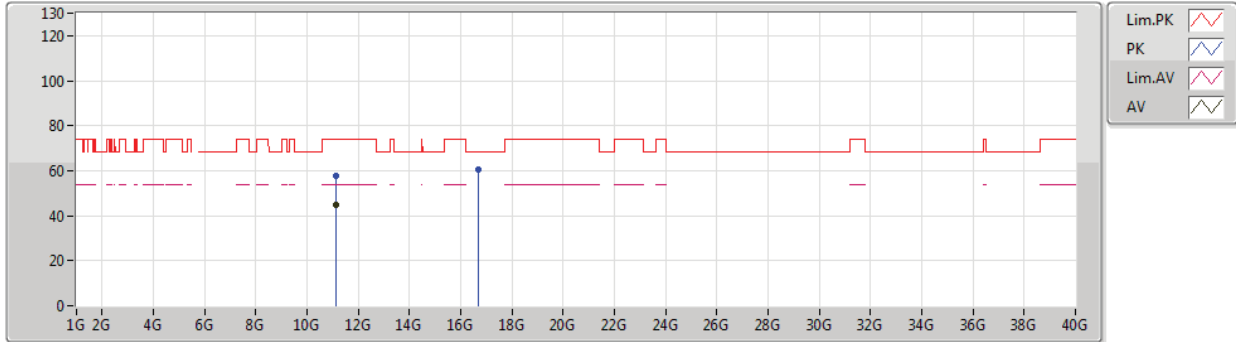
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|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.13881G | 44.86          | 54.00          | -9.14       | 15.73       | 3        | Vertical  | 34          | 0.00       | -       | 29.13      | 40.02   | 9.88    | 34.17   |
| PK   | 11.14043G | 57.68          | 74.00          | -16.32      | 15.74       | 3        | Vertical  | 34          | 0.00       | -       | 41.94      | 40.02   | 9.89    | 34.17   |
| PK   | 16.70528G | 60.48          | 68.20          | -7.72       | 16.98       | 3        | Vertical  | 318         | 2.03       | -       | 43.50      | 39.40   | 11.32   | 33.74   |



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#5530MHz,#5610MHz\_TX



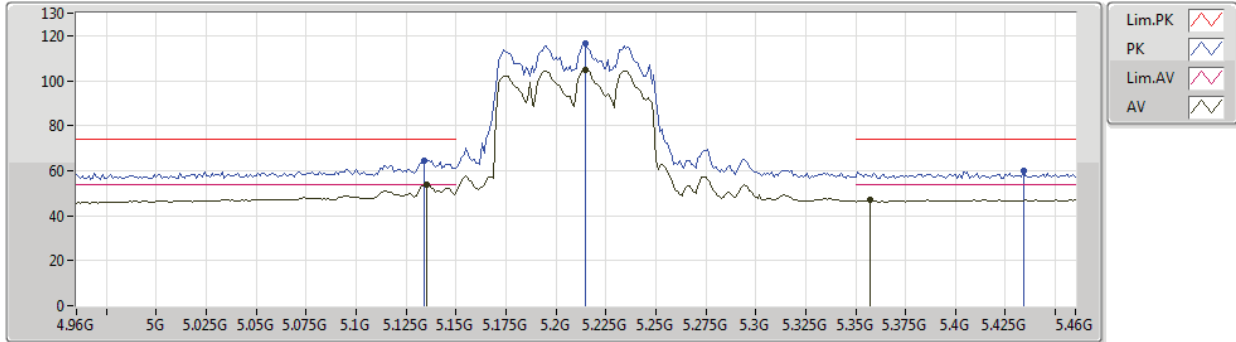
| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 11.13752G    | 44.92             | 54.00             | -9.08          | 15.73          | 3           | Horizontal | 112            | 1.50          | -       | 29.19         | 40.02      | 9.88       | 34.17      |
| PK   | 11.14176G    | 57.65             | 74.00             | -16.35         | 15.74          | 3           | Horizontal | 112            | 1.50          | -       | 41.91         | 40.02      | 9.89       | 34.17      |
| PK   | 16.71244G    | 60.66             | 68.20             | -7.54          | 17.01          | 3           | Horizontal | 219            | 1.55          | -       | 43.65         | 39.42      | 11.32      | 33.73      |



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| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.135G    | 53.79          | 54.00          | -0.21       | 5.38        | 3        | Vertical  | 52          | 1.86       | -       | 48.41      | 31.86   | 7.57    | 34.05   |
| AV   | 5.215G    | 104.98         | Inf            | -Inf        | 5.10        | 3        | Vertical  | 52          | 1.86       | -       | 99.88      | 31.54   | 7.61    | 34.05   |
| AV   | 5.357G    | 46.97          | 54.00          | -7.03       | 4.99        | 3        | Vertical  | 52          | 1.86       | -       | 41.98      | 31.37   | 7.68    | 34.06   |
| PK   | 5.134G    | 64.64          | 74.00          | -9.36       | 5.38        | 3        | Vertical  | 52          | 1.86       | -       | 59.26      | 31.86   | 7.57    | 34.05   |
| PK   | 5.215G    | 116.53         | Inf            | -Inf        | 5.10        | 3        | Vertical  | 52          | 1.86       | -       | 111.43     | 31.54   | 7.61    | 34.05   |
| PK   | 5.434G    | 59.85          | 74.00          | -14.15      | 5.26        | 3        | Vertical  | 52          | 1.86       | -       | 54.59      | 31.60   | 7.72    | 34.06   |

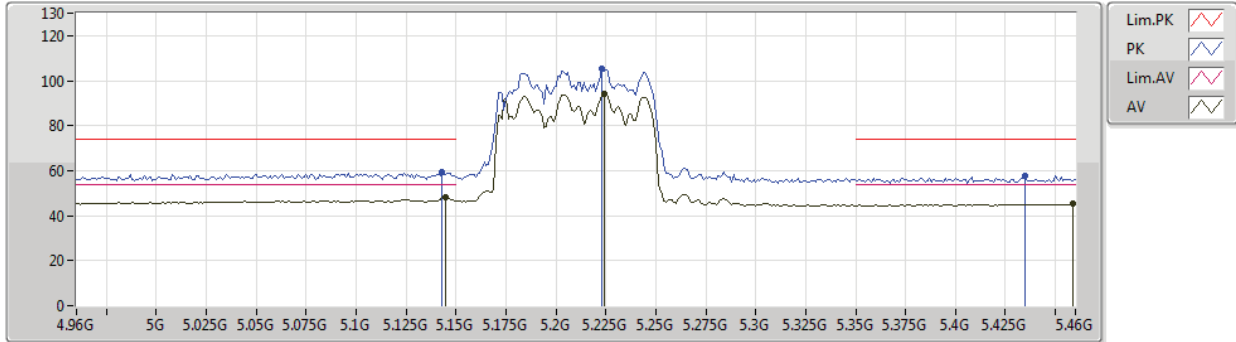




802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

13/05/2020

5210MHz\_TX



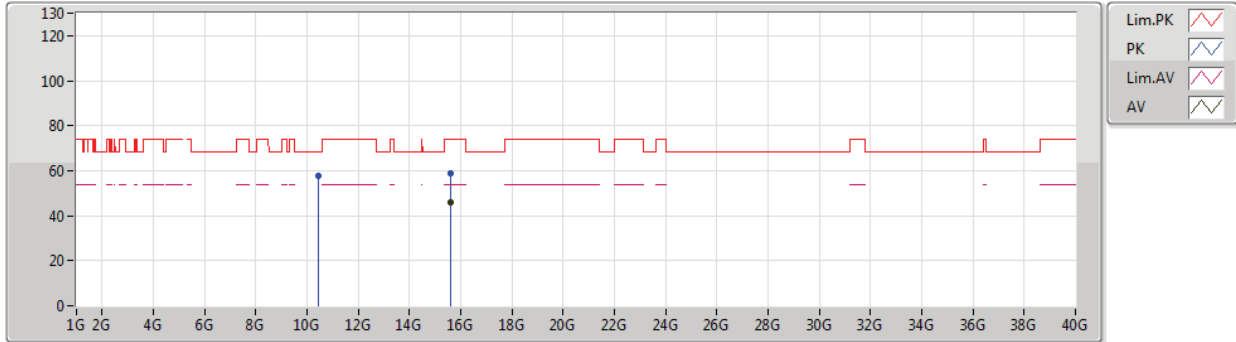
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.145G    | 48.24          | 54.00          | -5.76       | 5.34        | 3        | Horizontal | 154         | 1.42       | -       | 42.90      | 31.82   | 7.57    | 34.05   |
| AV   | 5.224G    | 93.92          | Inf            | -Inf        | 5.06        | 3        | Horizontal | 154         | 1.42       | -       | 88.86      | 31.50   | 7.61    | 34.05   |
| AV   | 5.459G    | 45.15          | 54.00          | -8.85       | 5.34        | 3        | Horizontal | 154         | 1.42       | -       | 39.81      | 31.68   | 7.73    | 34.07   |
| PK   | 5.143G    | 59.27          | 74.00          | -14.73      | 5.35        | 3        | Horizontal | 154         | 1.42       | -       | 53.92      | 31.83   | 7.57    | 34.05   |
| PK   | 5.223G    | 105.36         | Inf            | -Inf        | 5.07        | 3        | Horizontal | 154         | 1.42       | -       | 100.29     | 31.51   | 7.61    | 34.05   |
| PK   | 5.435G    | 57.72          | 74.00          | -16.28      | 5.27        | 3        | Horizontal | 154         | 1.42       | -       | 52.45      | 31.61   | 7.72    | 34.06   |



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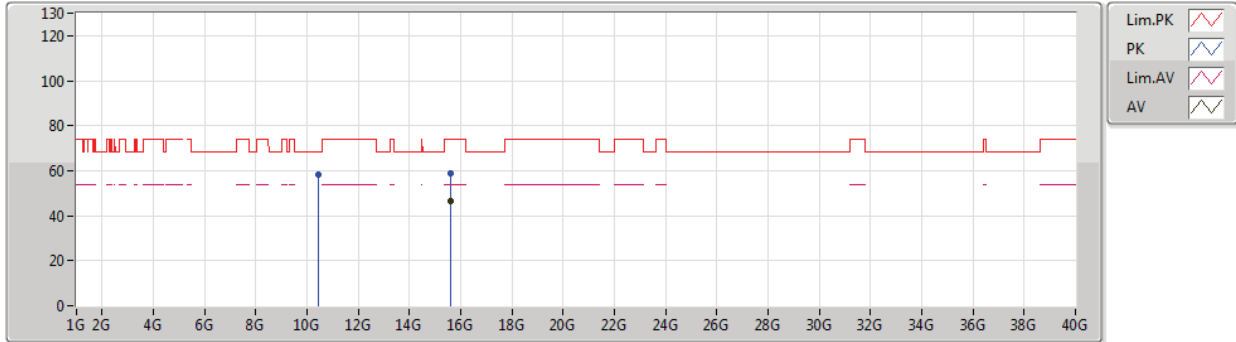
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|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 15.62961G | 46.09          | 54.00          | -7.91       | 15.48       | 3        | Vertical  | 169         | 1.50       | -       | 30.61      | 38.65   | 10.93   | 34.10   |
| PK   | 10.42002G | 57.63          | 68.20          | -10.57      | 14.65       | 3        | Vertical  | 78          | 2.78       | -       | 42.98      | 39.45   | 9.71    | 34.51   |
| PK   | 15.62998G | 59.07          | 74.00          | -14.93      | 15.48       | 3        | Vertical  | 169         | 1.50       | -       | 43.59      | 38.65   | 10.93   | 34.10   |



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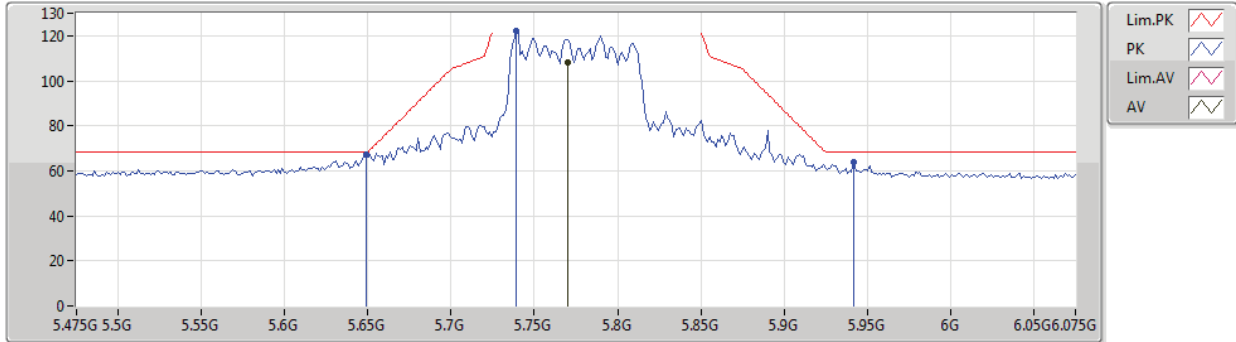
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 15.62986G | 46.23          | 54.00          | -7.77       | 15.48       | 3        | Horizontal | 62          | 2.83       | -       | 30.75      | 38.65   | 10.93   | 34.10   |
| PK   | 10.41876G | 58.01          | 68.20          | -10.19      | 14.63       | 3        | Horizontal | 318         | 1.38       | -       | 43.38      | 39.44   | 9.70    | 34.51   |
| PK   | 15.62799G | 58.81          | 74.00          | -15.19      | 15.48       | 3        | Horizontal | 62          | 2.83       | -       | 43.33      | 38.65   | 10.93   | 34.10   |



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13/05/2020

5775MHz\_TX



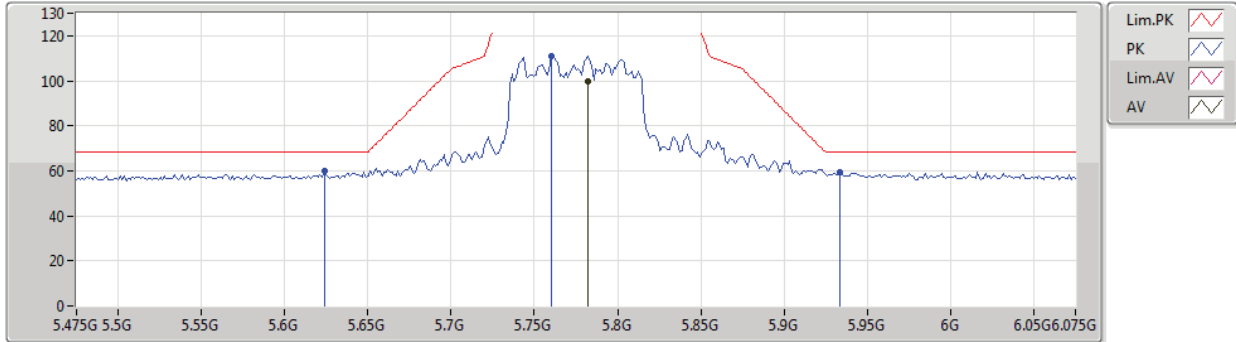
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.7702G   | 108.31         | Inf            | -Inf        | 5.82        | 3        | Vertical  | 144         | 1.22       | -       | 102.49     | 32.01   | 7.89    | 34.08   |
| PK   | 5.649G    | 67.02          | 68.20          | -1.18       | 5.45        | 3        | Vertical  | 144         | 1.22       | -       | 61.57      | 31.70   | 7.82    | 34.07   |
| PK   | 5.739G    | 121.96         | Inf            | -Inf        | 5.72        | 3        | Vertical  | 144         | 1.22       | -       | 116.24     | 31.92   | 7.87    | 34.07   |
| PK   | 5.9418G   | 63.90          | 68.20          | -4.30       | 6.29        | 3        | Vertical  | 144         | 1.22       | -       | 57.61      | 32.40   | 7.97    | 34.08   |



802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

13/05/2020

5775MHz\_TX



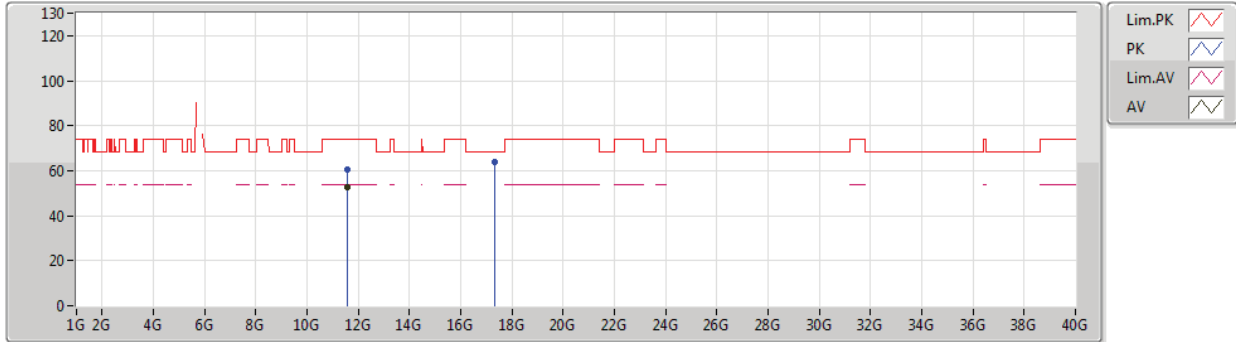
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 5.7822G   | 99.52          | Inf            | -Inf        | 5.86        | 3        | Horizontal | 204         | 2.17       | -       | 93.66      | 32.05   | 7.89    | 34.08   |
| PK   | 5.6238G   | 59.85          | 68.20          | -8.35       | 5.39        | 3        | Horizontal | 204         | 2.17       | -       | 54.46      | 31.65   | 7.81    | 34.07   |
| PK   | 5.7606G   | 110.73         | Inf            | -Inf        | 5.78        | 3        | Horizontal | 204         | 2.17       | -       | 104.95     | 31.98   | 7.88    | 34.08   |
| PK   | 5.9334G   | 59.58          | 68.20          | -8.62       | 6.29        | 3        | Horizontal | 204         | 2.17       | -       | 53.29      | 32.40   | 7.97    | 34.08   |



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13/05/2020

5775MHz\_TX



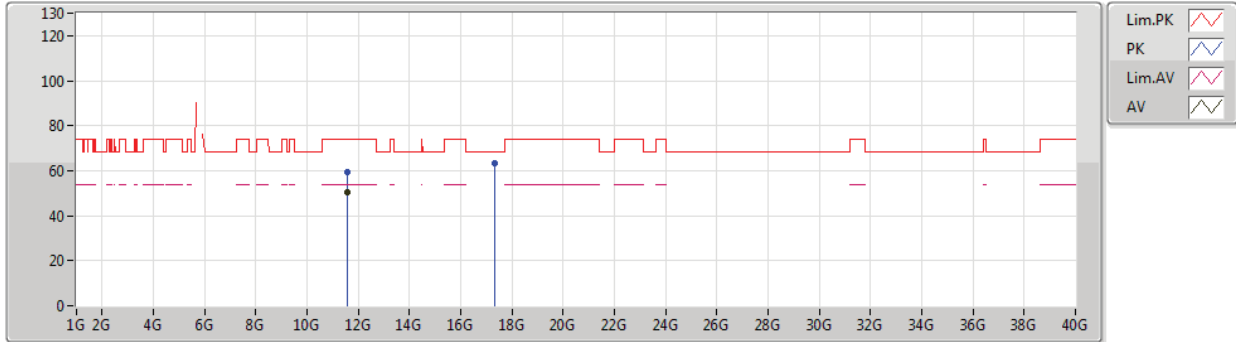
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.55006G | 52.68          | 54.00          | -1.32       | 15.28       | 3        | Vertical  | 81          | 1.50       | -       | 37.40      | 39.48   | 9.99    | 34.19   |
| PK   | 11.55011G | 60.28          | 74.00          | -13.72      | 15.28       | 3        | Vertical  | 81          | 1.50       | -       | 45.00      | 39.48   | 9.99    | 34.19   |
| PK   | 17.32636G | 63.90          | 68.20          | -4.30       | 20.55       | 3        | Vertical  | 184         | 1.50       | -       | 43.35      | 42.45   | 11.60   | 33.50   |



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| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 11.54998G | 50.24          | 54.00          | -3.76       | 15.29       | 3        | Horizontal | 78          | 1.67       | -       | 34.95      | 39.49   | 9.99    | 34.19   |
| PK   | 11.54994G | 59.15          | 74.00          | -14.85      | 15.29       | 3        | Horizontal | 78          | 1.67       | -       | 43.86      | 39.49   | 9.99    | 34.19   |
| PK   | 17.32405G | 63.48          | 68.20          | -4.72       | 20.55       | 3        | Horizontal | 295         | 1.26       | -       | 42.93      | 42.44   | 11.60   | 33.49   |