



FCC RADIO TEST REPORT

FCC ID : MXF-MCPV1
Equipment : Motion Capture Plug
Brand Name : Aerial
Model Name : MCPv1
Applicant : Gemtek Technology Co., Ltd.
 No.15-1 Zhonghua Road Hsinchu Industrial Park
 Hukou Hsinchu Taiwan 303
Manufacturer : Gemtek Technology Co., Ltd.
 No.15-1 Zhonghua Road Hsinchu Industrial Park
 Hukou Hsinchu Taiwan 303
Standard : 47 CFR FCC Part 15.407

The product was received on Nov. 12, 2019, and testing was started from Nov. 14, 2019 and completed on Jan. 17, 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: Cliff Chang

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory
 No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)



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Photographs of EUT v01



History of this test report

| Report No. | Version | Description | Issued Date |
|------------|---------|-------------------------|---------------|
| FR9N2812AB | 01 | Initial issue of report | Apr. 08, 2020 |
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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 | - |

Declaration of Conformity:

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

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Sam Chen

Report Producer: Wendy Pan



1 General Description

1.1 Information

1.1.1 RF General Information

| Frequency Range (MHz) | IEEE Std. 802.11 | Ch. Frequency (MHz) | Channel Number |
|-----------------------|-------------------------|---------------------|----------------|
| 5150-5250 | a, n (HT20), ac (VHT20) | 5180-5240 | 36-48 [4] |
| 5250-5350 | | 5260-5320 | 52-64 [4] |
| 5470-5725 | | 5500-5700 | 100-140 [11] |
| 5725-5850 | | 5745-5825 | 149-165 [5] |
| 5150-5250 | n (HT40), ac (VHT40) | 5190-5230 | 38-46 [2] |
| 5250-5350 | | 5270-5310 | 54-62 [2] |
| 5470-5725 | | 5510-5670 | 102-134 [5] |
| 5725-5850 | | 5755-5795 | 151-159 [2] |
| 5150-5250 | ac (VHT80) | 5210 | 42 [1] |
| 5250-5350 | | 5290 | 58 [1] |
| 5470-5725 | | 5530-5610 | 106-122 [2] |
| 5725-5850 | | 5775 | 155 [1] |

| Band | Mode | BWch (MHz) | Nant |
|--------------|-------------------|------------|------|
| 5.15-5.25GHz | 802.11a | 20 | 2TX |
| 5.15-5.25GHz | 802.11n HT20 | 20 | 2TX |
| 5.15-5.25GHz | 802.11n HT20-BF | 20 | 2TX |
| 5.15-5.25GHz | 802.11ac VHT20 | 20 | 2TX |
| 5.15-5.25GHz | 802.11ac VHT20-BF | 20 | 2TX |
| 5.15-5.25GHz | 802.11n HT40 | 40 | 2TX |
| 5.15-5.25GHz | 802.11n HT40-BF | 40 | 2TX |
| 5.15-5.25GHz | 802.11ac VHT40 | 40 | 2TX |
| 5.15-5.25GHz | 802.11ac VHT40-BF | 40 | 2TX |
| 5.15-5.25GHz | 802.11ac VHT80 | 80 | 2TX |
| 5.15-5.25GHz | 802.11ac VHT80-BF | 80 | 2TX |
| 5.25-5.35GHz | 802.11a | 20 | 2TX |
| 5.25-5.35GHz | 802.11n HT20 | 20 | 2TX |
| 5.25-5.35GHz | 802.11n HT20-BF | 20 | 2TX |
| 5.25-5.35GHz | 802.11ac VHT20 | 20 | 2TX |
| 5.25-5.35GHz | 802.11ac VHT20-BF | 20 | 2TX |
| 5.25-5.35GHz | 802.11n HT40 | 40 | 2TX |
| 5.25-5.35GHz | 802.11n HT40-BF | 40 | 2TX |



| Band | Mode | BWch (MHz) | Nant |
|---------------|-------------------|------------|------|
| 5.25-5.35GHz | 802.11ac VHT40 | 40 | 2TX |
| 5.25-5.35GHz | 802.11ac VHT40-BF | 40 | 2TX |
| 5.25-5.35GHz | 802.11ac VHT80 | 80 | 2TX |
| 5.25-5.35GHz | 802.11ac VHT80-BF | 80 | 2TX |
| 5.47-5.725GHz | 802.11a | 20 | 2TX |
| 5.47-5.725GHz | 802.11n HT20 | 20 | 2TX |
| 5.47-5.725GHz | 802.11n HT20-BF | 20 | 2TX |
| 5.47-5.725GHz | 802.11ac VHT20 | 20 | 2TX |
| 5.47-5.725GHz | 802.11ac VHT20-BF | 20 | 2TX |
| 5.47-5.725GHz | 802.11n HT40 | 40 | 2TX |
| 5.47-5.725GHz | 802.11n HT40-BF | 40 | 2TX |
| 5.47-5.725GHz | 802.11ac VHT40 | 40 | 2TX |
| 5.47-5.725GHz | 802.11ac VHT40-BF | 40 | 2TX |
| 5.47-5.725GHz | 802.11ac VHT80 | 80 | 2TX |
| 5.47-5.725GHz | 802.11ac VHT80-BF | 80 | 2TX |
| 5.725-5.85GHz | 802.11a | 20 | 2TX |
| 5.725-5.85GHz | 802.11n HT20 | 20 | 2TX |
| 5.725-5.85GHz | 802.11n HT20-BF | 20 | 2TX |
| 5.725-5.85GHz | 802.11ac VHT20 | 20 | 2TX |
| 5.725-5.85GHz | 802.11ac VHT20-BF | 20 | 2TX |
| 5.725-5.85GHz | 802.11n HT40 | 40 | 2TX |
| 5.725-5.85GHz | 802.11n HT40-BF | 40 | 2TX |
| 5.725-5.85GHz | 802.11ac VHT40 | 40 | 2TX |
| 5.725-5.85GHz | 802.11ac VHT40-BF | 40 | 2TX |
| 5.725-5.85GHz | 802.11ac VHT80 | 80 | 2TX |
| 5.725-5.85GHz | 802.11ac VHT80-BF | 80 | 2TX |

Note:

- ♦ 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ VHT20, VHT40, VHT80 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- ♦ BWch is the nominal channel bandwidth.
- ♦ Nss-Min is the minimum number of spatial streams.
- ♦ Nant is the number of outputs. e.g., 2(2,3) means have 2 outputs for port 2 and port 3. 2 means have 2 outputs for port 1 and port 2.



1.1.2 Antenna Information

| Ant. | Port | Brand | P/N | Antenna Type | Connector | Gain (dBi) | |
|------|------|---------|------------------|--------------|-----------|-------------|-----------|
| | | | | | | WLAN 2.4GHz | WLAN 5GHz |
| 1 | 1 | LYNwave | AEX19P-222AA3-00 | PIFA Antenna | I-PEX | 3.5 | 6 |
| 2 | 2 | LYNwave | AEX19P-222AA4-00 | PIFA Antenna | I-PEX | 3.5 | 6 |

Note: The above information was declared by manufacturer.
 Port 1 and Port 2 can be used as transmitting/receiving antenna.
 Port 1 and Port 2 could transmit/receive simultaneously.

1.1.3 Mode Test Duty Cycle

| Mode | DC | DCF(dB) | T(s) | VBW(Hz) ≥ 1/T |
|-------------------|-------|---------|----------------|----------------|
| 802.11a | 0.966 | 0.15 | 1.37m | 1k |
| 802.11ac VHT20 | 0.996 | 0.02 | n/a (DC>=0.98) | n/a (DC>=0.98) |
| 802.11ac VHT20-BF | 0.936 | 0.29 | 3.46m | 300 |
| 802.11ac VHT40 | 0.994 | 0.03 | n/a (DC>=0.98) | n/a (DC>=0.98) |
| 802.11ac VHT40-BF | 0.896 | 0.48 | 1.759m | 1k |
| 802.11ac VHT80 | 0.982 | 0.08 | n/a (DC>=0.98) | n/a (DC>=0.98) |
| 802.11ac VHT80-BF | 0.932 | 0.31 | 4.269m | 300 |

Note:
 ♦ DC is Duty Cycle.
 ♦ DCF is Duty Cycle Factor.

1.1.4 EUT Operational Condition

| | | | |
|------------------------------|---|---|--|
| EUT Power Type | From Internal Power Supply | | |
| Beamforming Function | <input checked="" type="checkbox"/> With beamforming | <input type="checkbox"/> Without beamforming | |
| | For 802.11n/ac in 5GHz. | | |
| Weather Band | <input checked="" type="checkbox"/> With 5600~5650MHz | <input type="checkbox"/> Without 5600~5650MHz | |
| Function | <input type="checkbox"/> Outdoor P2M | <input type="checkbox"/> Indoor P2M | |
| | <input type="checkbox"/> Fixed P2P | <input checked="" type="checkbox"/> Client | |
| TPC Function | <input checked="" type="checkbox"/> With TPC | <input type="checkbox"/> Without TPC | |
| Test Software Version | TeraTerm 4.75 | | |

Note: The above information was declared by manufacturer.



1.2 Applicable 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
- ◆ FCC KDB 789033 D02 v02r01
- ◆ FCC KDB 662911 D01 v02r01
- ◆ FCC KDB 412172 D01 v01r01
- ◆ FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

| Testing Location | | |
|-------------------------------------|--------|---|
| <input type="checkbox"/> | HWA YA | ADD : No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.) TEL : 886-3-327-3456 FAX : 886-3-327-0973 |
| <input checked="" type="checkbox"/> | JHUBEI | ADD : No.8, Lane 724, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C. TEL : 886-3-656-9065 FAX : 886-3-656-9085 |

| Test Condition | Test Site No. | Test Engineer | Test Environment | Test Date |
|----------------|---------------|---------------|----------------------|-------------------------------|
| RF Conducted | TH03-CB | Serway Li | 20.6~21.3°C / 59~61% | Dec. 06, 2019 ~ Jan. 17, 2020 |
| Radiated<1GHz | 03CH05-CB | Mason Chen | 23.1~24.3°C / 58~62% | Jan. 03, 2020 |
| Radiated>1GHz | 03CH06-CB | Andy Zou | 20.9~21.9°C / 57~62% | Nov. 14, 2019 ~ Jan. 16, 2020 |
| AC Conduction | CO02-CB | Max Lin | 21~22°C / 55~57% | Dec. 05, 2019 |

Test site Designation No. TW0006 with FCC
Test site registered number IC 4086D with Industry Canada.

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) | 2.0 dB | Confidence levels of 95% |
| Radiated Emission (30MHz ~ 1,000MHz) | 4.3 dB | Confidence levels of 95% |
| Radiated Emission (1GHz ~ 18GHz) | 4.3 dB | Confidence levels of 95% |
| Radiated Emission (18GHz ~ 40GHz) | 5.1 dB | Confidence levels of 95% |
| Conducted Emission | 2.4 dB | Confidence levels of 95% |
| Output Power Measurement | 1.5 dB | Confidence levels of 95% |
| Power Density Measurement | 2.4 dB | Confidence levels of 95% |
| Bandwidth Measurement | 2% | Confidence levels of 95% |



2 Test Configuration of EUT

2.1 Test Channel Mode

| Mode | PowerSetting |
|-----------------------------------|--------------|
| 802.11a_Nss1,(6Mbps)_2TX | - |
| 5180MHz | 18 |
| 5200MHz | 18 |
| 5240MHz | 18 |
| 5260MHz | 18 |
| 5300MHz | 18 |
| 5320MHz | 18 |
| 5500MHz | 18 |
| 5580MHz | 18 |
| 5700MHz | 18 |
| 5745MHz | 25 |
| 5785MHz | 23 |
| 5825MHz | 25 |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | - |
| 5180MHz | 18 |
| 5200MHz | 18 |
| 5240MHz | 18 |
| 5260MHz | 18 |
| 5300MHz | 18 |
| 5320MHz | 18 |
| 5500MHz | 18 |
| 5580MHz | 18 |
| 5700MHz | 16 |
| 5745MHz | 25 |
| 5785MHz | 25 |
| 5825MHz | 25 |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | - |
| 5180MHz | 19 |
| 5200MHz | 18 |
| 5240MHz | 19 |
| 5260MHz | 19 |
| 5300MHz | 19 |
| 5320MHz | 19 |
| 5500MHz | 18 |
| 5580MHz | 18 |
| 5700MHz | 17 |



| Mode | PowerSetting |
|-----------------------------------|--------------|
| 5745MHz | 23 |
| 5785MHz | 22 |
| 5825MHz | 21 |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | - |
| 5190MHz | 16 |
| 5230MHz | 20 |
| 5270MHz | 20 |
| 5310MHz | 15 |
| 5510MHz | 14 |
| 5550MHz | 20 |
| 5670MHz | 19 |
| 5755MHz | 21 |
| 5795MHz | 25 |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | - |
| 5190MHz | 16 |
| 5230MHz | 19 |
| 5270MHz | 19 |
| 5310MHz | 15 |
| 5510MHz | 14 |
| 5550MHz | 18 |
| 5670MHz | 18 |
| 5755MHz | 22 |
| 5795MHz | 21 |
| 802.11ac VHT80_Nss1,(MCS0)_2TX | - |
| 5210MHz | 15 |
| 5290MHz | 14 |
| 5530MHz | 14 |
| 5610MHz | 20 |
| 5775MHz | 21 |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | - |
| 5210MHz | 15 |
| 5290MHz | 13 |
| 5530MHz | 13 |
| 5610MHz | 18 |
| 5775MHz | 20 |

Note: VHT20/VHT40 covers HT20/HT40, due to same modulation. The power setting HT20 and HT40 are the same or lower than VHT20 and VHT40.



2.2 The Worst Case Measurement Configuration

| The Worst Case Mode for Following Conformance Tests | |
|---|--|
| Tests Item | AC power-line conducted emissions |
| Condition | AC power-line conducted measurement for line and neutral |
| Operating Mode | Normal Link |
| 1 | EUT + 2.4GHz |
| 2 | EUT + 5GHz |
| For operating mode 1 is the worst case and it was record in this test report. | |

| The Worst Case Mode for Following Conformance Tests | |
|---|---|
| Tests Item | Emission Bandwidth Maximum Conducted Output Power 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 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 | Normal Link |
| The EUT has two WLAN functions (2.4GHz WLAN function and 5GHz WLAN function), and the EUT can be used in Y-axis and Z-axis. After evaluating, 5GHz WLAN function + Z-axis has been evaluated to be the worst case. Consequently, measurement will follow this same test configuration. | |
| 1 | EUT + 5GHz + Z-axis |
| Operating Mode > 1GHz | CTX |
| The EUT was performed at Y axis and Z axis position and the worst case was found at Z axis. So the measurement will follow this same test configuration. | |
| 1 | EUT in Z-axis |



2.3 EUT Operation during Test

<For Non-Beamforming Mode>

The EUT was programmed to be in continuously transmitting mode.

<For Beamforming Mode>

For Conducted Mode:

The EUT was programmed to be in continuously transmitting mode.

For Radiated Mode:

During the test, the following programs under WIN 7 were executed.

The program was executed as follows:

1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under Tera Term (v4.75)、Telnet.
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by RX Device and transmit duty cycle no less than 98%.

For Normal Link:

During the test, the EUT operation to normal function.



2.4 Accessories

Plug*1

2.5 Support Equipment

For AC Conduction:

| Support Equipment | | | | |
|-------------------|-----------|------------|------------|-----------|
| No. | Equipment | Brand Name | Model Name | FCC ID |
| A | AP Router | ASUS | RP-N53 | MSQ-RPN53 |
| B | AP NB | DELL | E6430 | N/A |

For Radiated (below 1GHz):

| Support Equipment | | | | |
|-------------------|-----------|------------|------------|-------------|
| No. | Equipment | Brand Name | Model Name | FCC ID |
| A | NB | DELL | E4300 | N/A |
| B | WLAN AP | D-LINK | DIR860L | KA2IR860LA1 |

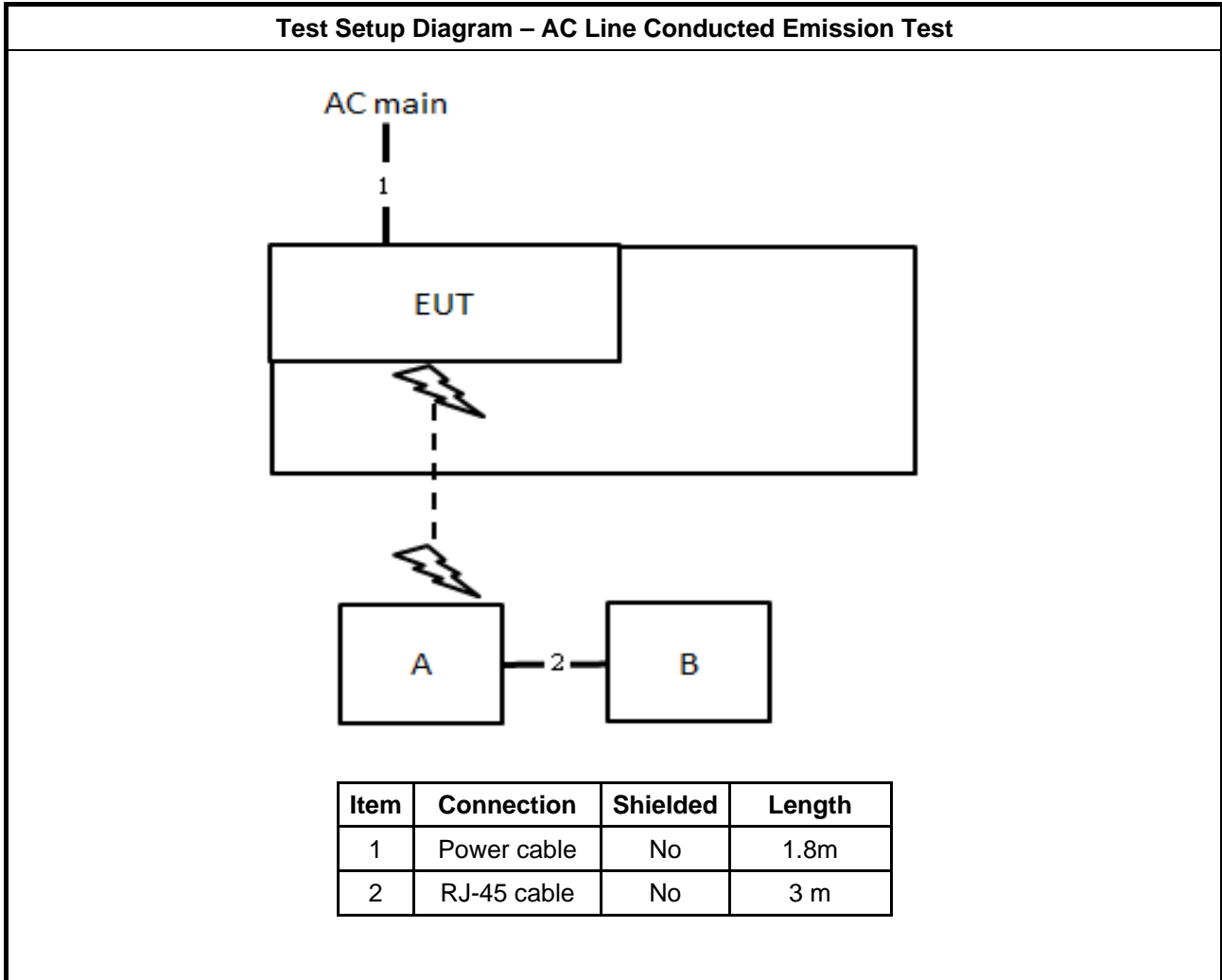
For Radiated (above 1GHz) and RF Conducted:
<For Non-Beamforming Mode>

| Support Equipment | | | | |
|-------------------|-----------|------------|------------|--------|
| No. | Equipment | Brand Name | Model Name | FCC ID |
| A | Notebook | DELL | E4300 | N/A |

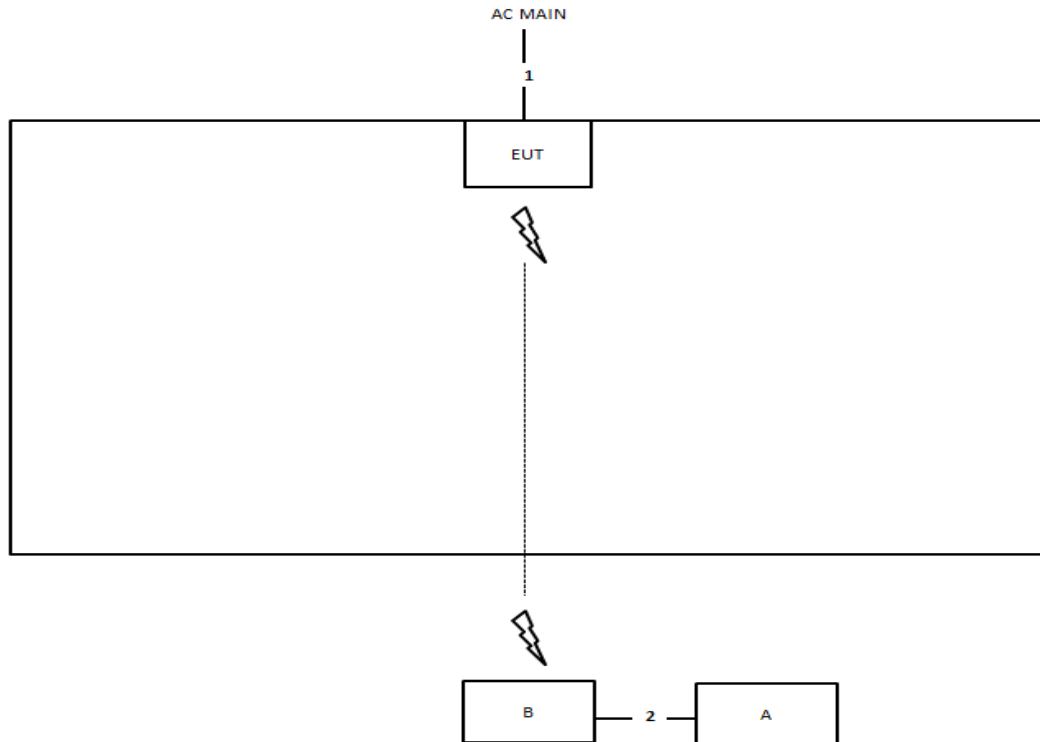
<For Beamforming Mode>

| Support Equipment | | | | |
|-------------------|-----------|------------|------------|-----------|
| No. | Equipment | Brand Name | Model Name | FCC ID |
| A | Notebook | DELL | E4300 | N/A |
| B | Rx Device | Aerial | MCPv1 | MXF-MCPV1 |
| C | Notebook | DELL | E4300 | N/A |

2.6 Test Setup Diagram



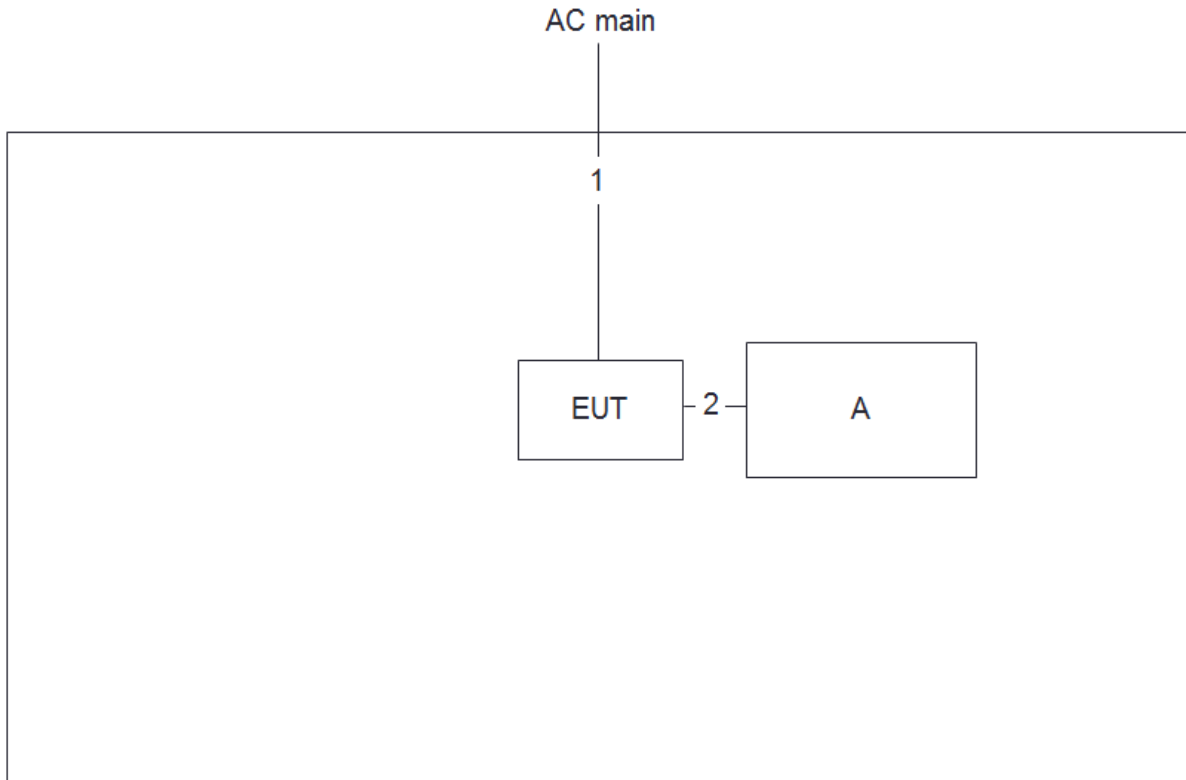
Test Setup Diagram - Radiated Test < 1GHz



| Item | Connection | Shielded | Length |
|------|-------------|----------|--------|
| 1 | Power cable | No | 1m |
| 2 | RJ-45 cable | No | 1.5m |

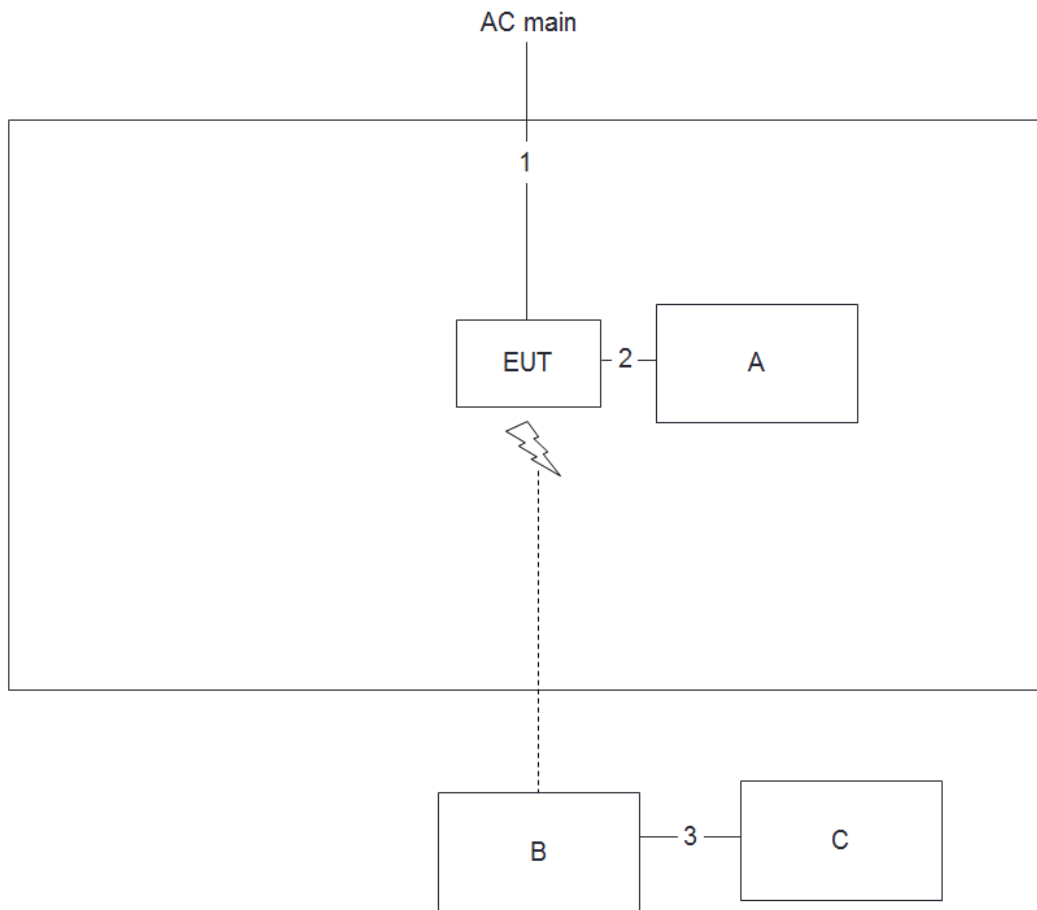


Test Setup Diagram - Radiated Test > 1GHz / Non-Beamforming Mode



| Item | Connection | Shielded | Length |
|------|---------------|----------|--------|
| 1 | Power cable | No | 1.5m |
| 2 | Console cable | No | 0.8m |

Test Setup Diagram - Radiated Test > 1GHz / Beamforming Mode



| Item | Connection | Shielded | Length |
|------|---------------|----------|--------|
| 1 | Power cable | No | 1.5m |
| 2 | Console cable | No | 0.8m |
| 3 | RJ-45 cable | No | 1.5m |



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

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

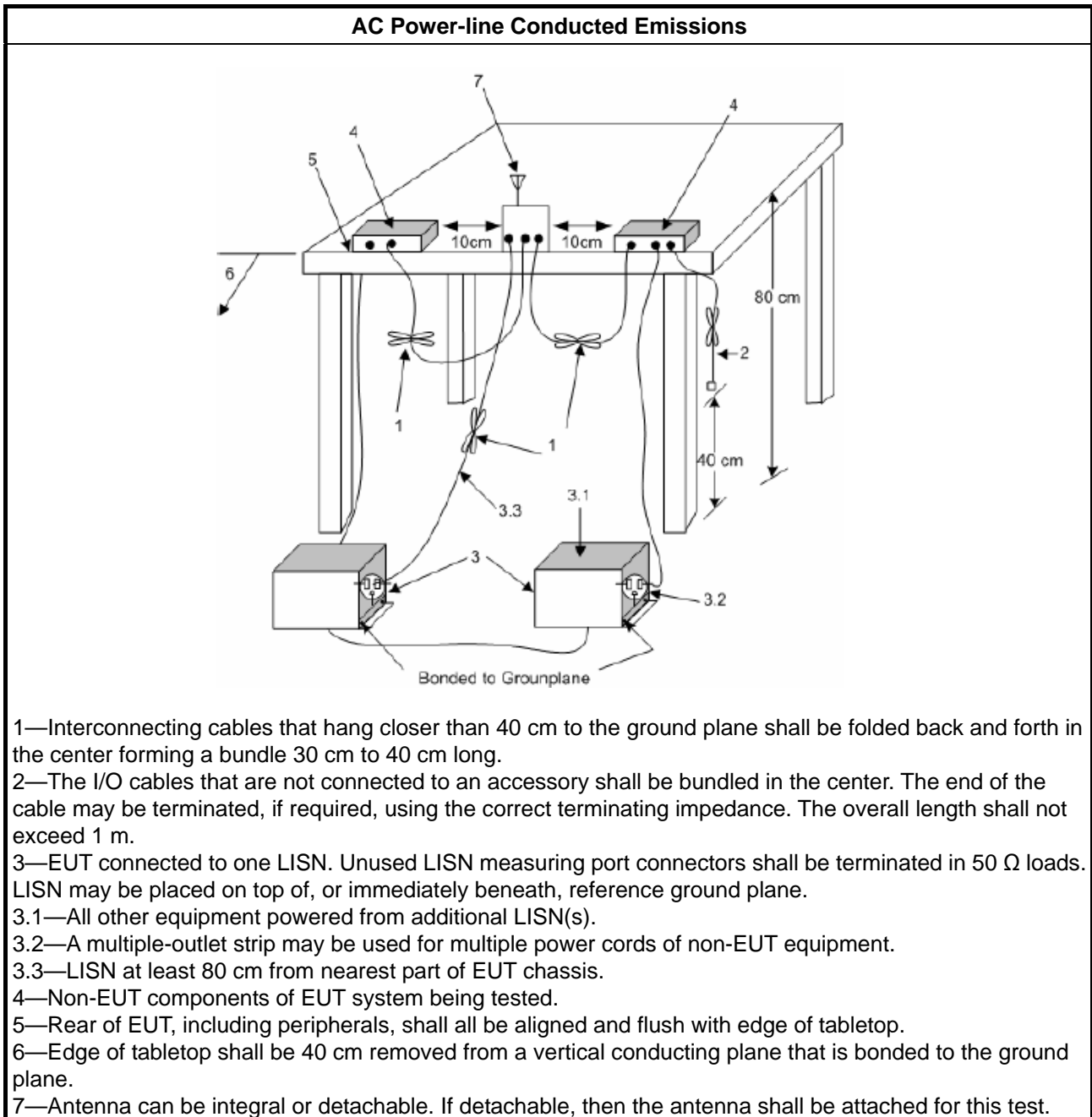
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

| Emission Bandwidth Limit | |
|-------------------------------------|---|
| UNII Devices | |
| <input checked="" type="checkbox"/> | For the 5.15-5.25 GHz band, N/A |
| <input checked="" type="checkbox"/> | For the 5.25-5.35 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. |
| <input checked="" type="checkbox"/> | For the 5.47-5.725 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. |
| <input checked="" type="checkbox"/> | For the 5.725-5.85 GHz band, 6 dB emission bandwidth \geq 500kHz. |
| LE-LAN Devices | |
| <input type="checkbox"/> | For the band 5.15-5.25 GHz, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz. |
| <input type="checkbox"/> | For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz |
| <input type="checkbox"/> | For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz |
| <input type="checkbox"/> | For the 5.725-5.85 GHz band, 6 dB emission bandwidth \geq 500kHz. |

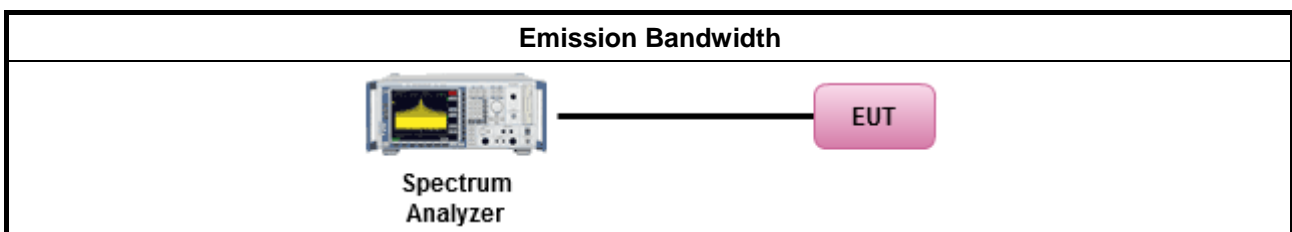
3.2.2 Measuring Instruments

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"> ▪ For the emission bandwidth shall be measured using one of the options below: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20px;"><input checked="" type="checkbox"/></td> <td>Refer as FCC KDB 789033, clause C for EBW and clause D for OBW measurement.</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Refer as IC RSS-Gen, clause 4.6 for bandwidth testing.</td> </tr> </table> | | <input checked="" type="checkbox"/> | Refer as FCC KDB 789033, clause C for EBW and clause D for OBW measurement. | <input type="checkbox"/> | Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing. | <input type="checkbox"/> | Refer as IC RSS-Gen, clause 4.6 for bandwidth testing. |
| <input checked="" type="checkbox"/> | Refer as FCC KDB 789033, clause C for EBW and clause D for OBW measurement. | | | | | | |
| <input type="checkbox"/> | Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing. | | | | | | |
| <input type="checkbox"/> | Refer as IC RSS-Gen, clause 4.6 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 | |
|---|--|
| UNII Devices | |
| <input checked="" type="checkbox"/> For the 5.15-5.25 GHz band: | |
| <input type="checkbox"/> | <ul style="list-style-type: none"> Outdoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$. e.i.r.p. at any elevation angle above 30 degrees $\leq 125mW$ [21dBm] Indoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$ Point-to-point AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 23$ dBi, then $P_{Out} = 30 - (G_{TX} - 23)$. Mobile or Portable Client: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$. |
| <input checked="" type="checkbox"/> For the 5.25-5.35 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$. | |
| <input checked="" type="checkbox"/> For the 5.47-5.725 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$. | |
| <input checked="" type="checkbox"/> For the 5.725-5.85 GHz band: | |
| <input type="checkbox"/> | <ul style="list-style-type: none"> Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$. Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. |
| LE-LAN Devices | |
| <input type="checkbox"/> For the 5.15-5.25 GHz band, the maximum e.i.r.p. shall not exceed 200 mW or $10 + 10 \log B$, dBm, whichever power is less. B is the 99% emission bandwidth in MHz. | |
| <input type="checkbox"/> For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or $17 + 10 \log B$, dBm, whichever power is less. B is the 99% emission bandwidth in MHz | |
| <input type="checkbox"/> For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or $17 + 10 \log B$, dBm, whichever power is less. B is the 99% emission bandwidth in MHz | |
| <input type="checkbox"/> For the 5.725-5.85 GHz band: | |
| <input type="checkbox"/> | <ul style="list-style-type: none"> Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$. Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. |
| P_{Out} = maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi. | |

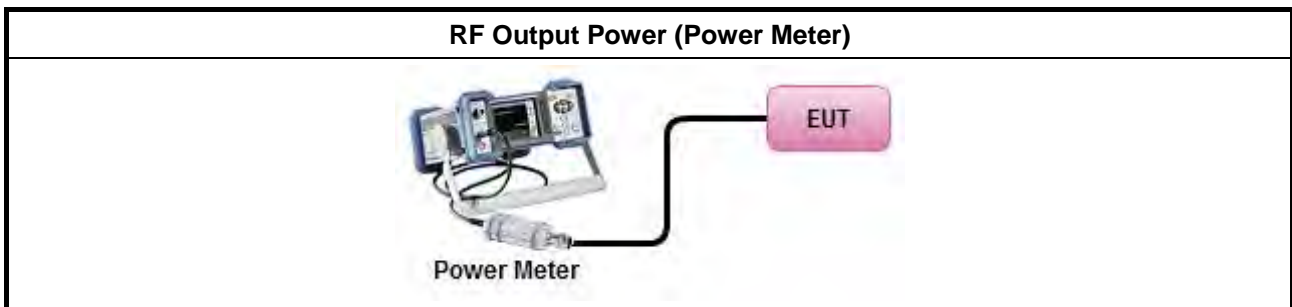
3.3.2 Measuring Instruments

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"> ▪ Maximum Conducted Output Power | |
| Average over on/off periods with duty factor | |
| <input type="checkbox"/> | Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging). |
| <input type="checkbox"/> | Refer as FCC 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 FCC KDB 789033, clause E Method PM-G (using an RF average power meter). |
| <ul style="list-style-type: none"> ▪ For conducted measurement. | |
| <ul style="list-style-type: none"> ▪ If the EUT supports multiple transmit chains using options given below: Refer as FCC 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. | |
| <ul style="list-style-type: none"> ▪ If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$ | |

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 | |
|--|--|
| UNII Devices | |
| <input checked="" type="checkbox"/> For the 5.15-5.25 GHz band: | |
| | <ul style="list-style-type: none"> ▪ Outdoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 17 - (G_{TX} - 6)$. ▪ Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 17 - (G_{TX} - 6)$. ▪ Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 23$ dBi, then $P_{Out} = 17 - (G_{TX} - 23)$. ▪ Mobile or Portable Client: the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$. |
| <input checked="" type="checkbox"/> For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$. | |
| <input checked="" type="checkbox"/> For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$. | |
| <input checked="" type="checkbox"/> For the 5.725-5.85 GHz band: | |
| | <ul style="list-style-type: none"> ▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If $G_{TX} > 6$ dBi, then $PPSD = 30 - (G_{TX} - 6)$. ▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. |
| LE-LAN Devices | |
| <input type="checkbox"/> For the 5.15-5.25 GHz band, the e.i.r.p. peak power spectral density (PPSD) ≤ 10 dBm/MHz. | |
| <input type="checkbox"/> For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. | |
| | <ul style="list-style-type: none"> ▪ e.i.r.p. greater than 200 mW shall comply with the following e.i.r.p. at different elevations, where θ is the angle above the local horizontal plane (of the Earth) as shown below: -13 dBW/MHz for $0^\circ \leq \theta < 8^\circ$; -13 - 0.716 (θ-8) dBW/MHz for $8^\circ \leq \theta < 40^\circ$ -35.9 - 1.22 (θ-40) dBW/MHz for $40^\circ \leq \theta \leq 45^\circ$; -42 dBW/MHz for $\theta > 45^\circ$ |
| <input type="checkbox"/> For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. | |
| <input type="checkbox"/> For the 5.725-5.85 GHz band: | |
| | <ul style="list-style-type: none"> ▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If $G_{TX} > 6$ dBi, then $PPSD = 30 - (G_{TX} - 6)$. ▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. |
| <p>PPSD = 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 G_{TX} = the maximum transmitting antenna directional gain in dBi.</p> | |



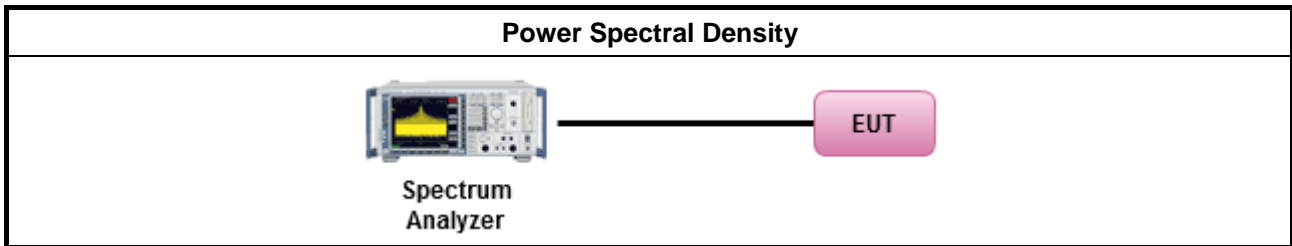
3.4.2 Measuring Instruments

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"> ▪ 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: | |
| <input type="checkbox"/> | Refer as FCC KDB 789033, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth |
| [duty cycle ≥ 98% or external video / power trigger] | |
| <input checked="" type="checkbox"/> | Refer as FCC KDB 789033, clause E Method SA-1 (spectral trace averaging). |
| <input type="checkbox"/> | Refer as FCC KDB 789033, clause E Method SA-1 Alt. (RMS detection with slow sweep speed) |
| duty cycle < 98% and average over on/off periods with duty factor | |
| <input checked="" type="checkbox"/> | Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging). |
| <input type="checkbox"/> | Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed) |
| <ul style="list-style-type: none"> ▪ For conducted measurement. | |
| <ul style="list-style-type: none"> ▪ If the EUT supports multiple transmit chains using options given below: | |
| <input checked="" type="checkbox"/> | Option 1: Measure and sum the spectra across the outputs. Refer as FCC 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. |
| <input type="checkbox"/> | Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits, |
| <input type="checkbox"/> | Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit. |
| <ul style="list-style-type: none"> ▪ If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$ | |

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 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 |
| <input checked="" type="checkbox"/> 5.15 - 5.25 GHz | e.i.r.p. -27 dBm [68.2 dBuV/m@3m] |
| <input checked="" type="checkbox"/> 5.25 - 5.35 GHz | e.i.r.p. -27 dBm [68.2 dBuV/m@3m] |
| <input checked="" type="checkbox"/> 5.47 - 5.725 GHz | e.i.r.p. -27 dBm [68.2 dBuV/m@3m] |
| <input checked="" type="checkbox"/> 5.725 - 5.85 GHz | all emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge. |

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).

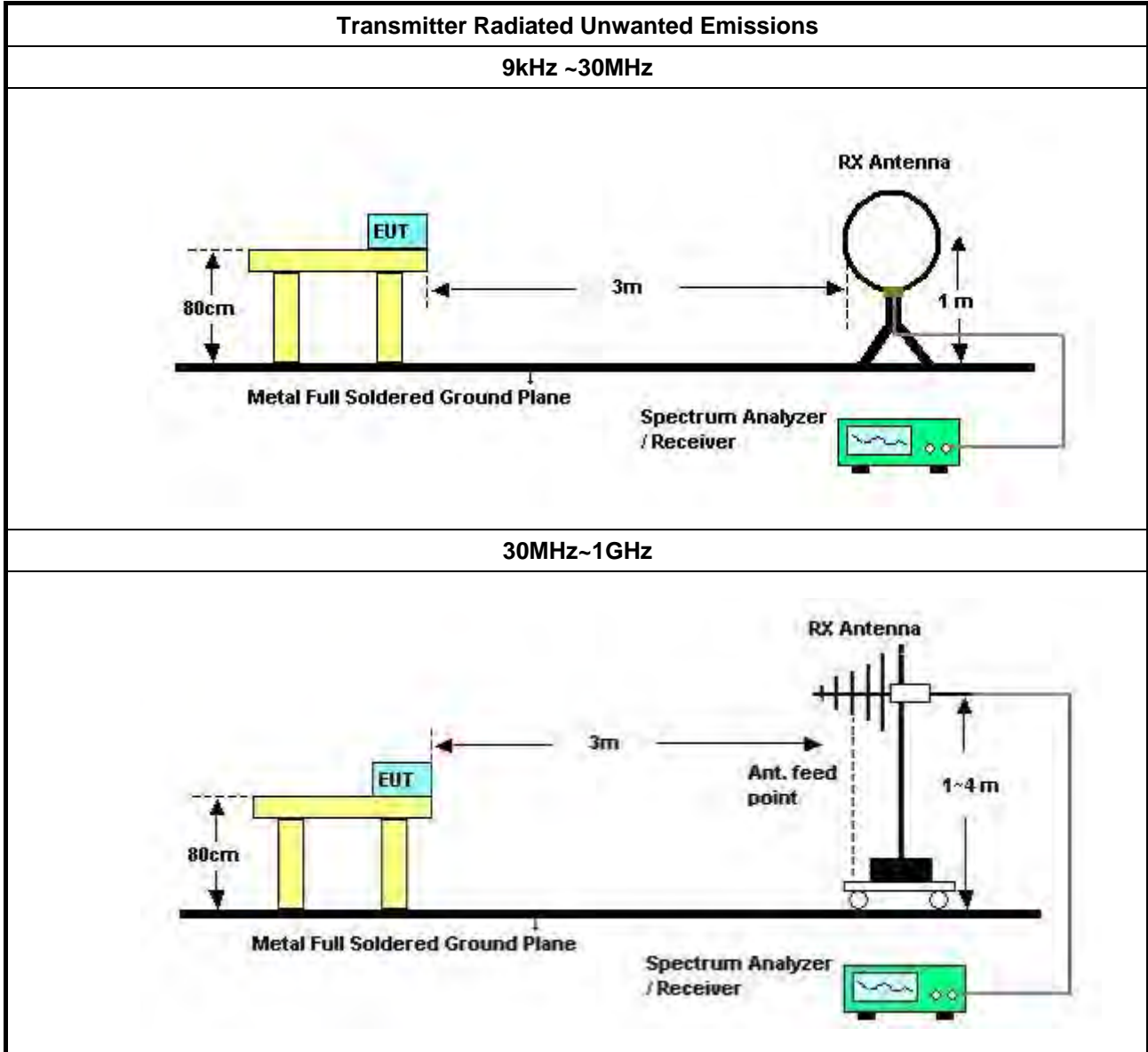
3.5.2 Measuring Instruments

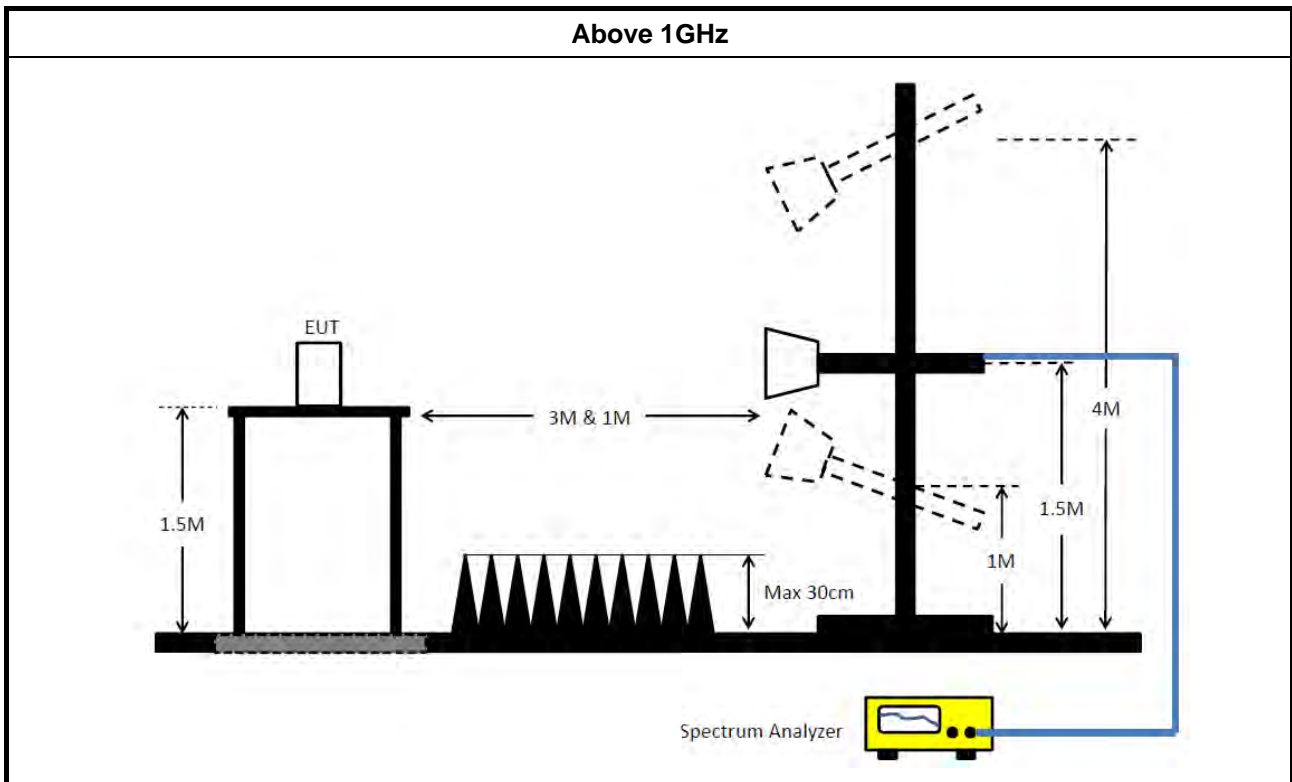
Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

| Test Method | |
|-------------|---|
| | <ul style="list-style-type: none"> ▪ 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). |
| | <ul style="list-style-type: none"> ▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor]. |
| | <ul style="list-style-type: none"> ▪ For the transmitter unwanted emissions shall be measured using following options below: <ul style="list-style-type: none"> ▪ Refer as FCC KDB 789033, clause G)2) for unwanted emissions into non-restricted bands. ▪ Refer as FCC KDB 789033, clause G)1) for unwanted emissions into restricted bands. <ul style="list-style-type: none"> <input type="checkbox"/> Refer as FCC KDB 789033, G)6) Method AD (Trace Averaging). <input checked="" type="checkbox"/> Refer as FCC KDB 789033, G)6) Method VB (Reduced VBW). <input type="checkbox"/> Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time. <input type="checkbox"/> Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions. <input checked="" type="checkbox"/> Refer as FCC KDB 789033, clause G)5) measurement procedure peak limit. <input type="checkbox"/> Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit. |
| | <ul style="list-style-type: none"> ▪ For radiated measurement. <ul style="list-style-type: none"> ▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m. ▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m. ▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz. |
| | <ul style="list-style-type: none"> ▪ The any unwanted emissions level shall not exceed the fundamental emission level. |
| | <ul style="list-style-type: none"> ▪ All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported. |

3.5.4 Test Setup





3.5.5 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: $\text{Antenna Factor} + \text{Cable Loss} + \text{Read Level} - \text{Preamp Factor} = \text{Level}$.



3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

There is a comparison data of both open-field test site and alternative test site - semi-Anechoic chamber according to KDB414788 Radiated Test Site, and the result came out very similar.

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

The radiated emissions were investigated from 9 kHz or the lowest frequency generated within the device, up to the 10 harmonic or 40 GHz, whichever is appropriate.

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E



4 Test Equipment and Calibration Data

| Instrument | Manufacturer | Model No. | Serial No. | Characteristics | Calibration Date | Calibration Due Date | Remark |
|-----------------------------------|--------------|--------------------|------------------|------------------|------------------|----------------------|-----------------------|
| LISN | Schwarzbeck | NSLK 8127 | 8127650 | 9kHz ~ 30MHz | Nov. 21, 2019 | Nov. 20, 2020 | Conduction (CO02-CB) |
| LISN | Schwarzbeck | NSLK 8127 | 8127478 | 9kHz ~ 30MHz | Oct. 30, 2019 | Oct. 29, 2020 | Conduction (CO02-CB) |
| EMI Receiver | Agilent | N9038A | MY52260140 | 9kHz ~ 8.4GHz | Jan. 16, 2019 | Jan. 15, 2020 | Conduction (CO02-CB) |
| COND Cable | Woken | Cable | 2 | 0.15MHz ~ 30MHz | Oct. 21, 2019 | Oct. 20, 2020 | Conduction (CO02-CB) |
| Software | Audix | E3 | 6.120210n | - | N.C.R. | N.C.R. | Conduction (CO02-CB) |
| Bilog Antenna with 6dB Attenuator | TESE & EMCI | CBL 6112D & N-6-06 | 35236 & AT-N0610 | 30MHz ~ 2GHz | Mar. 28, 2019 | Mar. 27, 2020 | Radiation (03CH05-CB) |
| Loop Antenna | Teseq | HLA 6120 | 24155 | 9kHz - 30 MHz | Mar. 29, 2019 | Mar. 28, 2020 | Radiation (03CH05-CB) |
| Pre-Amplifier | EMCI | EMC330N | 980331 | 20MHz ~ 3GHz | May 01, 2019 | Apr. 30, 2020 | Radiation (03CH05-CB) |
| Spectrum Analyzer | R&S | FSP40 | 100304 | 9kHz ~ 40GHz | Aug. 15, 2019 | Aug. 14, 2020 | Radiation (03CH05-CB) |
| EMI Test Receiver | R&S | ESCS | 826547/017 | 9kHz ~ 2.75GHz | May 15, 2019 | May 14, 2020 | Radiation (03CH05-CB) |
| RF Cable-low | Woken | RG402 | LOW Cable-04+23 | 30MHz~1GHz | Oct. 07, 2019 | Oct. 06, 2020 | Radiation (03CH05-CB) |
| Horn Antenna | SCHWARZBECK | BBHA9120D | 9120D-1292 | 1GHz~18GHz | Jul. 17, 2019 | Jul. 16, 2020 | Radiation (03CH06-CB) |
| Horn Antenna | SCHWARZBECK | BBHA 9170 | BBHA9170507 | 15GHz ~ 40GHz | Jun. 12, 2019 | Jun. 11, 2020 | Radiation (03CH06-CB) |
| Pre-Amplifier | Agilent | 83017A | MY53270064 | 0.5GHz ~ 26.5GHz | May 08, 2019 | May 07, 2020 | Radiation (03CH06-CB) |
| Pre-Amplifier | MITEQ | TTA1840-35-HG | 1864479 | 18GHz ~ 40GHz | Jul. 03, 2019 | Jul. 02, 2020 | Radiation (03CH06-CB) |
| Spectrum analyzer | R&S | FSP40 | 100080 | 9kHz~40GHz | Oct. 21, 2019 | Oct. 20, 2020 | Radiation (03CH06-CB) |
| RF Cable-high | HUBER+SUHNER | RG402 | High Cable-05 | 1GHz~18GHz | Oct. 07, 2019 | Oct. 06, 2020 | Radiation (03CH06-CB) |
| RF Cable-high | HUBER+SUHNER | RG402 | High Cable-05+24 | 1GHz~18GHz | Oct. 07, 2019 | Oct. 06, 2020 | Radiation (03CH06-CB) |
| RF Cable-high | Woken | RG402 | High Cable-40G#1 | 18GHz ~ 40 GHz | Jul. 24, 2019 | Jul. 23, 2020 | Radiation (03CH06-CB) |
| RF Cable-high | Woken | RG402 | High Cable-40G#2 | 18GHz ~ 40 GHz | Jul. 24, 2019 | Jul. 23, 2020 | Radiation (03CH06-CB) |
| Spectrum analyzer | R&S | FSV40 | 101028 | 9kHz~40GHz | Nov. 01, 2019 | Oct. 31, 2020 | Conducted (TH03-CB) |



| Instrument | Manufacturer | Model No. | Serial No. | Characteristics | Calibration Date | Calibration Due Date | Remark |
|---------------|--------------|-----------|---------------|------------------|------------------|----------------------|---------------------|
| Power Sensor | Anritsu | MA2411B | 1726195 | 300MHz~40GHz | Aug. 13, 2019 | Aug. 12, 2020 | Conducted (TH03-CB) |
| Power Meter | Anritsu | ML2495A | 1035008 | 300MHz~40GHz | Aug. 13, 2019 | Aug. 12, 2020 | Conducted (TH03-CB) |
| RF Cable-high | Woken | RG402 | High Cable-11 | 1 GHz – 26.5 GHz | Oct. 07, 2019 | Oct. 06, 2020 | Conducted (TH03-CB) |
| RF Cable-high | Woken | RG402 | High Cable-12 | 1 GHz – 26.5 GHz | Oct. 07, 2019 | Oct. 06, 2020 | Conducted (TH03-CB) |
| RF Cable-high | Woken | RG402 | High Cable-13 | 1 GHz – 26.5 GHz | Oct. 07, 2019 | Oct. 06, 2020 | Conducted (TH03-CB) |
| RF Cable-high | Woken | RG402 | High Cable-14 | 1 GHz – 26.5 GHz | Oct. 07, 2019 | Oct. 06, 2020 | Conducted (TH03-CB) |
| RF Cable-high | Woken | RG402 | High Cable-15 | 1 GHz – 26.5 GHz | Oct. 07, 2019 | Oct. 06, 2020 | Conducted (TH03-CB) |

Note: Calibration Interval of instruments listed above is one year.

N.C.R. means Non-Calibration required.



AC Power Port Conducted Emission Result

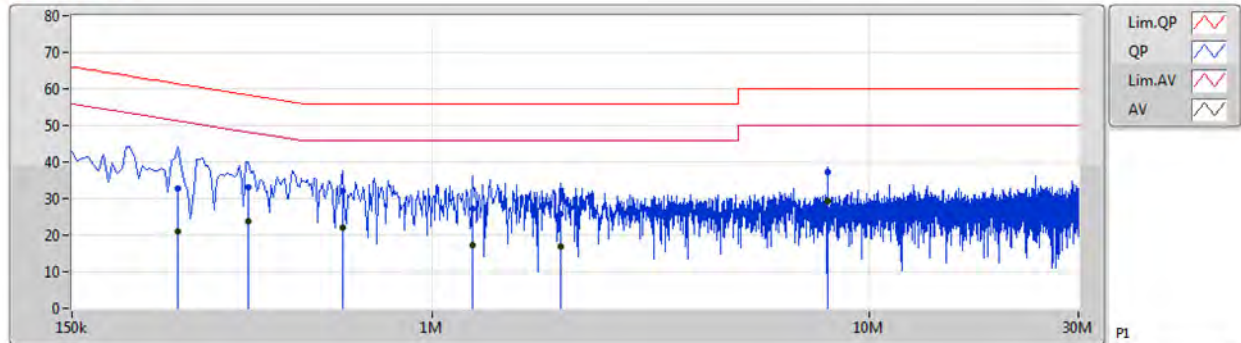
Appendix A

| | | | |
|------------------|--------|------------------------|--------------------|
| Test Mode | Mode 1 | Frequency Range | 0.15 MHz to 30 MHz |
|------------------|--------|------------------------|--------------------|

Line

Mode 1

05/12/2019



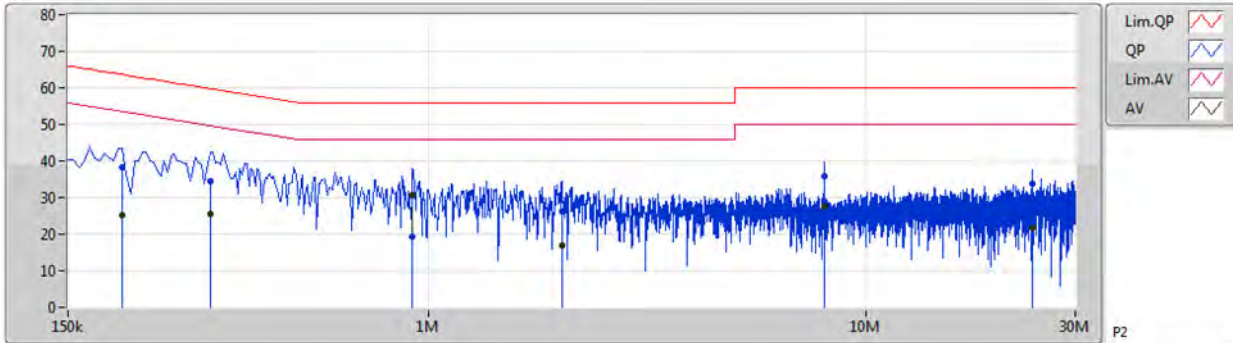
| Type | Freq (Hz) | Level (dBuV) | Limit (dBuV) | Margin (dB) | Factor (dB) | Condition | Comment | Raw (dBuV) | AF (dB) | CL (dB) | AT (dB) |
|------|-----------|--------------|--------------|-------------|-------------|-----------|---------|------------|---------|---------|---------|
| QP | 262.5k | 32.81 | 61.35 | -28.54 | 10.22 | Line | - | 22.59 | 0.05 | 0.07 | 10.10 |
| AV | 262.5k | 21.17 | 51.35 | -30.18 | 10.22 | Line | - | 10.95 | 0.05 | 0.07 | 10.10 |
| QP | 379.5k | 33.19 | 58.29 | -25.10 | 10.24 | Line | - | 22.95 | 0.06 | 0.08 | 10.10 |
| AV | 379.5k | 23.95 | 48.29 | -24.34 | 10.24 | Line | - | 13.71 | 0.06 | 0.08 | 10.10 |
| QP | 622.5k | 32.08 | 56.00 | -23.92 | 10.26 | Line | - | 21.82 | 0.06 | 0.10 | 10.10 |
| AV | 622.5k | 22.24 | 46.00 | -23.76 | 10.26 | Line | - | 11.98 | 0.06 | 0.10 | 10.10 |
| QP | 1.239M | 27.16 | 56.00 | -28.84 | 10.31 | Line | - | 16.85 | 0.08 | 0.13 | 10.10 |
| AV | 1.239M | 17.23 | 46.00 | -28.77 | 10.31 | Line | - | 6.92 | 0.08 | 0.13 | 10.10 |
| QP | 1.964M | 25.86 | 56.00 | -30.14 | 10.35 | Line | - | 15.51 | 0.09 | 0.16 | 10.10 |
| AV | 1.964M | 16.83 | 46.00 | -29.17 | 10.35 | Line | - | 6.48 | 0.09 | 0.16 | 10.10 |
| QP | 7.998M | 37.35 | 60.00 | -22.65 | 10.45 | Line | - | 26.90 | 0.18 | 0.16 | 10.11 |
| AV | 7.998M | 29.24 | 50.00 | -20.76 | 10.45 | Line | "Worst" | 18.79 | 0.18 | 0.16 | 10.11 |



Neutral

Mode 1

05/12/2019



| Type | Freq (Hz) | Level (dBuV) | Limit (dBuV) | Margin (dB) | Factor (dB) | Condition | Comment | Raw (dBuV) | AF (dB) | CL (dB) | AT (dB) |
|------|-----------|--------------|--------------|-------------|-------------|-----------|---------|------------|---------|---------|---------|
| QP | 199.5k | 38.15 | 63.63 | -25.48 | 10.20 | Neutral | - | 27.95 | 0.03 | 0.07 | 10.10 |
| AV | 199.5k | 25.13 | 53.63 | -28.50 | 10.20 | Neutral | - | 14.93 | 0.03 | 0.07 | 10.10 |
| QP | 316.5k | 34.47 | 59.80 | -25.33 | 10.22 | Neutral | - | 24.25 | 0.04 | 0.08 | 10.10 |
| AV | 316.5k | 25.39 | 49.80 | -24.41 | 10.22 | Neutral | - | 15.17 | 0.04 | 0.08 | 10.10 |
| QP | 919.5k | 19.40 | 56.00 | -36.60 | 10.26 | Neutral | - | 9.14 | 0.04 | 0.12 | 10.10 |
| AV | 919.5k | 30.55 | 46.00 | -15.45 | 10.26 | Neutral | "Worst" | 20.29 | 0.04 | 0.12 | 10.10 |
| QP | 2.013M | 26.11 | 56.00 | -29.89 | 10.32 | Neutral | - | 15.79 | 0.06 | 0.16 | 10.10 |
| AV | 2.013M | 17.06 | 46.00 | -28.94 | 10.32 | Neutral | - | 6.74 | 0.06 | 0.16 | 10.10 |
| QP | 8.003M | 35.70 | 60.00 | -24.30 | 10.41 | Neutral | - | 25.29 | 0.14 | 0.16 | 10.11 |
| AV | 8.003M | 27.63 | 50.00 | -22.37 | 10.41 | Neutral | - | 17.22 | 0.14 | 0.16 | 10.11 |
| QP | 24M | 33.76 | 60.00 | -26.24 | 10.61 | Neutral | - | 23.15 | 0.26 | 0.23 | 10.12 |
| AV | 24M | 21.60 | 50.00 | -28.40 | 10.61 | Neutral | - | 10.99 | 0.26 | 0.23 | 10.12 |



G86uSummary

| Mode | Max-N dB (Hz) | Max-OBW (Hz) | ITU-Code | Min-N dB (Hz) | Min-OBW (Hz) |
|--------------------------------|------------------|-----------------|----------|------------------|-----------------|
| 5.15-5.25GHz | - | - | - | - | - |
| 802.11a_Nss1,(6Mbps)_2TX | 25.23M | 16.732M | 16M7D1D | 24.99M | 16.612M |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | 30.3M | 17.901M | 17M9D1D | 26.85M | 17.811M |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | 92.52M | 37.961M | 38M0D1D | 42.36M | 36.282M |
| 802.11ac VHT80_Nss1,(MCS0)_2TX | 86.88M | 75.202M | 75M2D1D | 83.16M | 74.963M |
| 5.25-5.35GHz | - | - | - | - | - |
| 802.11a_Nss1,(6Mbps)_2TX | 25.32M | 16.702M | 16M7D1D | 24.96M | 16.612M |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | 30.33M | 17.871M | 17M9D1D | 24.75M | 17.811M |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | 92.22M | 37.661M | 37M7D1D | 42.24M | 36.282M |
| 802.11ac VHT80_Nss1,(MCS0)_2TX | 82.92M | 75.082M | 75M1D1D | 81.96M | 75.082M |
| 5.47-5.725GHz | - | - | - | - | - |
| 802.11a_Nss1,(6Mbps)_2TX | 33M | 16.702M | 16M7D1D | 24.99M | 16.612M |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | 30.39M | 17.871M | 17M9D1D | 22.59M | 17.811M |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | 91.92M | 37.781M | 37M8D1D | 42.24M | 36.402M |
| 802.11ac VHT80_Nss1,(MCS0)_2TX | 188.76M | 76.282M | 76M3D1D | 82.56M | 75.082M |
| 5.725-5.85GHz | - | - | - | - | - |
| 802.11a_Nss1,(6Mbps)_2TX | 16.29M | 32.684M | 32M7D1D | 16.02M | 26.537M |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | 17.79M | 35.562M | 35M6D1D | 17.58M | 31.154M |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | 36.36M | 69.085M | 69M1D1D | 36.36M | 44.978M |
| 802.11ac VHT80_Nss1,(MCS0)_2TX | 75.12M | 90.675M | 90M7D1D | 73.56M | 76.522M |

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

Result

| Mode | Result | Limit (Hz) | Port 1-N dB (Hz) | Port 1-OBW (Hz) | Port 2-N dB (Hz) | Port 2-OBW (Hz) |
|--------------------------------|--------|------------|------------------|-----------------|------------------|-----------------|
| 802.11a_Nss1,(6Mbps)_2TX | - | - | - | - | - | - |
| 5180MHz | Pass | Inf | 24.99M | 16.612M | 25.02M | 16.642M |
| 5200MHz | Pass | Inf | 25.23M | 16.612M | 25.2M | 16.702M |
| 5240MHz | Pass | Inf | 24.99M | 16.612M | 25.2M | 16.732M |
| 5260MHz | Pass | Inf | 25.26M | 16.642M | 25.23M | 16.672M |
| 5300MHz | Pass | Inf | 24.96M | 16.612M | 25.32M | 16.672M |
| 5320MHz | Pass | Inf | 25.14M | 16.612M | 25.26M | 16.702M |
| 5500MHz | Pass | Inf | 25.23M | 16.642M | 25.29M | 16.642M |
| 5580MHz | Pass | Inf | 25.2M | 16.612M | 25.38M | 16.702M |
| 5700MHz | Pass | Inf | 33M | 16.672M | 24.99M | 16.672M |
| 5745MHz | Pass | 500k | 16.02M | 32.444M | 16.29M | 29.955M |
| 5785MHz | Pass | 500k | 16.29M | 30.045M | 16.05M | 26.537M |
| 5825MHz | Pass | 500k | 16.05M | 32.684M | 16.02M | 30.885M |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | - | - | - | - | - | - |
| 5180MHz | Pass | Inf | 28.05M | 17.811M | 28.08M | 17.871M |
| 5200MHz | Pass | Inf | 30.3M | 17.871M | 26.85M | 17.901M |
| 5240MHz | Pass | Inf | 28.74M | 17.871M | 26.94M | 17.901M |
| 5260MHz | Pass | Inf | 26.25M | 17.841M | 27.12M | 17.811M |
| 5300MHz | Pass | Inf | 24.75M | 17.841M | 30.33M | 17.871M |
| 5320MHz | Pass | Inf | 27.63M | 17.871M | 28.59M | 17.871M |
| 5500MHz | Pass | Inf | 30.24M | 17.841M | 30.39M | 17.811M |
| 5580MHz | Pass | Inf | 28.5M | 17.871M | 29.55M | 17.871M |
| 5700MHz | Pass | Inf | 22.83M | 17.871M | 22.59M | 17.841M |
| 5745MHz | Pass | 500k | 17.79M | 35.562M | 17.61M | 31.154M |
| 5785MHz | Pass | 500k | 17.61M | 34.663M | 17.58M | 33.823M |
| 5825MHz | Pass | 500k | 17.61M | 35.022M | 17.67M | 32.594M |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | - | - | - | - | - | - |
| 5190MHz | Pass | Inf | 42.36M | 36.282M | 42.96M | 36.402M |
| 5230MHz | Pass | Inf | 92.52M | 37.601M | 85.8M | 37.961M |
| 5270MHz | Pass | Inf | 92.22M | 37.601M | 88.26M | 37.661M |
| 5310MHz | Pass | Inf | 42.24M | 36.282M | 42.24M | 36.342M |
| 5510MHz | Pass | Inf | 42.24M | 36.402M | 42.78M | 36.402M |
| 5550MHz | Pass | Inf | 91.62M | 37.481M | 91.92M | 37.781M |
| 5670MHz | Pass | Inf | 86.94M | 36.942M | 84.54M | 36.822M |
| 5755MHz | Pass | 500k | 36.36M | 54.993M | 36.36M | 44.978M |
| 5795MHz | Pass | 500k | 36.36M | 69.085M | 36.36M | 64.168M |
| 802.11ac VHT80_Nss1,(MCS0)_2TX | - | - | - | - | - | - |
| 5210MHz | Pass | Inf | 83.16M | 75.202M | 86.88M | 74.963M |
| 5290MHz | Pass | Inf | 82.92M | 75.082M | 81.96M | 75.082M |
| 5530MHz | Pass | Inf | 82.92M | 75.082M | 82.56M | 75.442M |
| 5610MHz | Pass | Inf | 186.48M | 76.282M | 188.76M | 76.282M |
| 5775MHz | Pass | 500k | 75.12M | 90.675M | 73.56M | 76.522M |

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

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

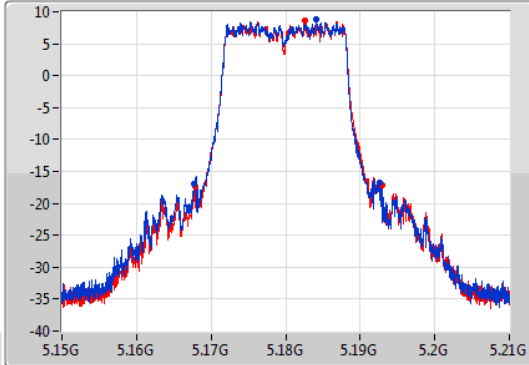
802.11a_Nss1,(6Mbps)_2TX

EBW

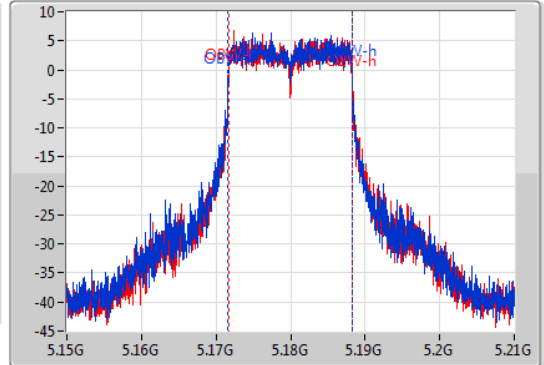
5180MHz

06/12/2019

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



CF: 5.18GHz
 Span: 60MHz
 RBW: 200kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 24.99M | 5.1677G | 5.19269G | 16.612M | 5.171634G | 5.188246G | Inf | 1 |
| 25.02M | 5.16788G | 5.1929G | 16.642M | 5.171664G | 5.188306G | Inf | 2 |

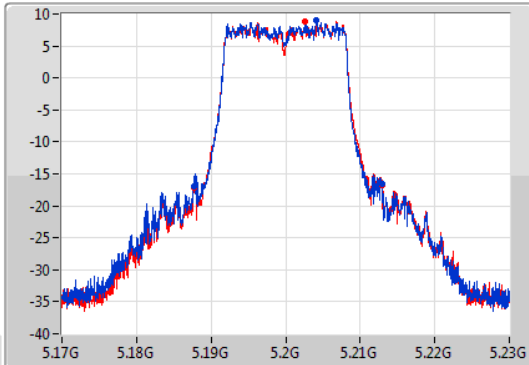
802.11a_Nss1,(6Mbps)_2TX

EBW

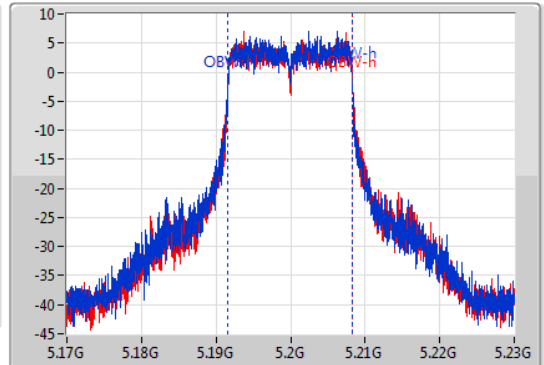
5200MHz

06/12/2019

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



CF: 5.2GHz
 Span: 60MHz
 RBW: 200kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Sample



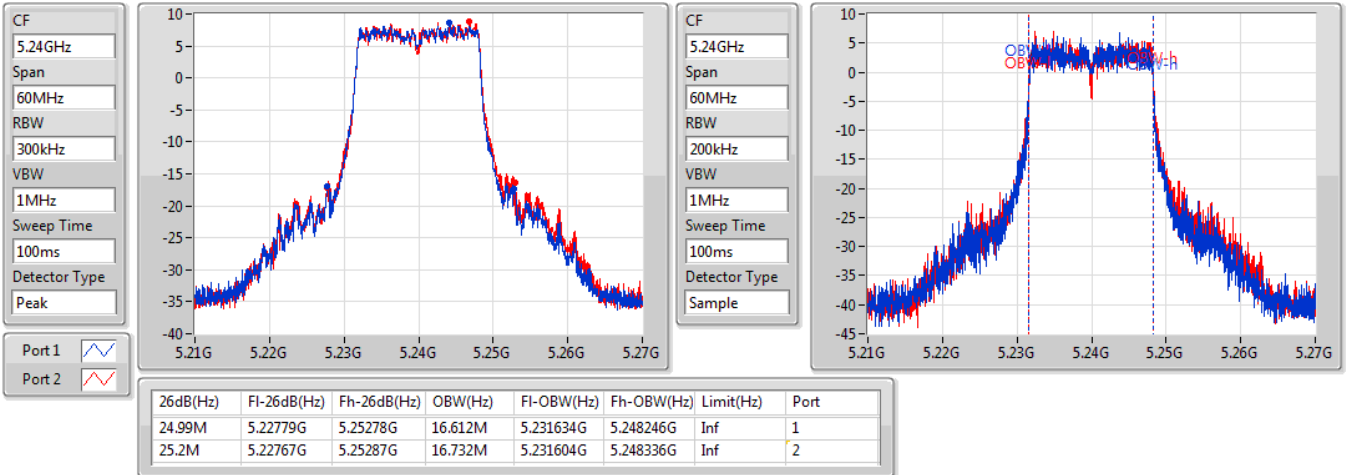
| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 25.23M | 5.18764G | 5.21287G | 16.612M | 5.191634G | 5.208246G | Inf | 1 |
| 25.2M | 5.18776G | 5.21296G | 16.702M | 5.191634G | 5.208336G | Inf | 2 |

802.11a_Nss1,(6Mbps)_2TX

EBW

5240MHz

06/12/2019

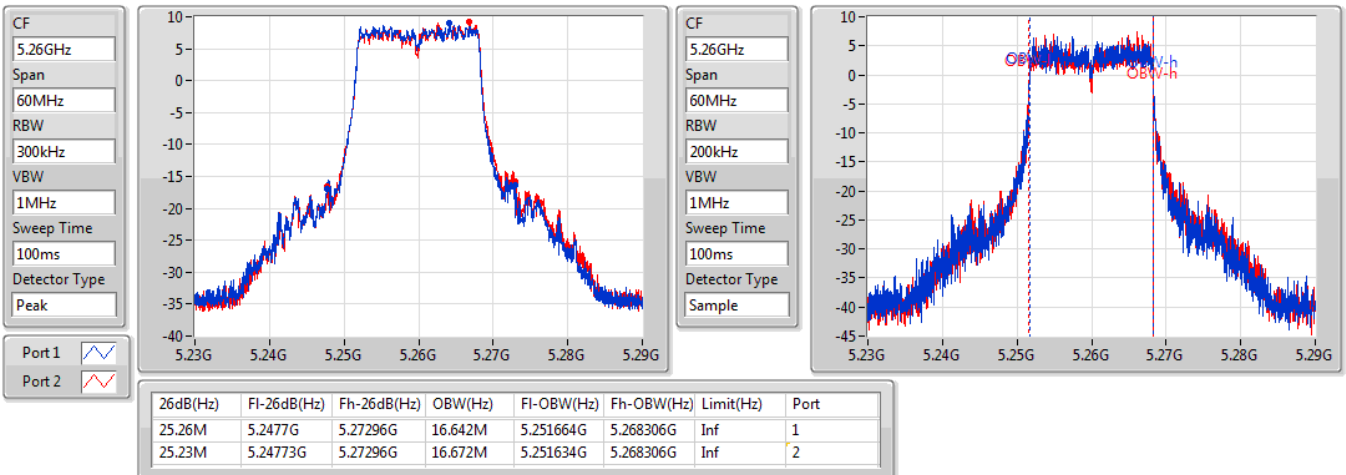


802.11a_Nss1,(6Mbps)_2TX

EBW

5260MHz

06/12/2019



802.11a_Nss1,(6Mbps)_2TX

EBW

5300MHz

06/12/2019

CF
5.3GHz

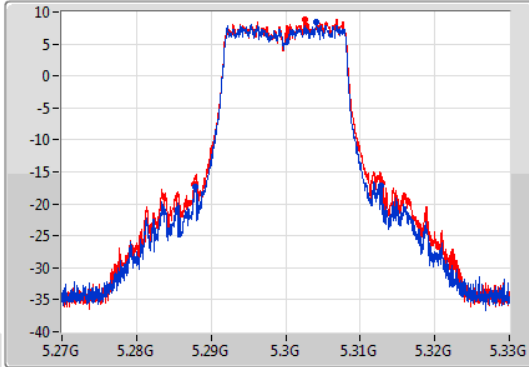
Span
60MHz

RBW
300kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Peak



CF
5.3GHz

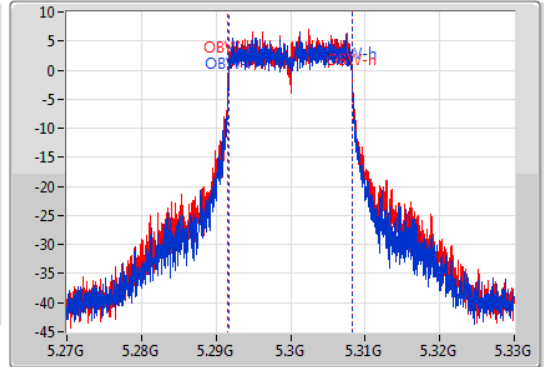
Span
60MHz

RBW
200kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 24.96M | 5.28782G | 5.31278G | 16.612M | 5.291664G | 5.308276G | Inf | 1 |
| 25.32M | 5.28767G | 5.31299G | 16.672M | 5.291634G | 5.308306G | Inf | 2 |

802.11a_Nss1,(6Mbps)_2TX

EBW

5320MHz

06/12/2019

CF
5.32GHz

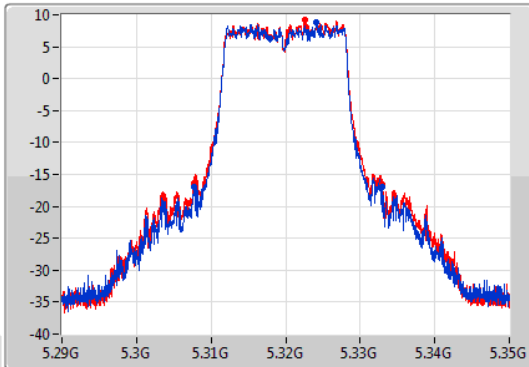
Span
60MHz

RBW
300kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Peak



CF
5.32GHz

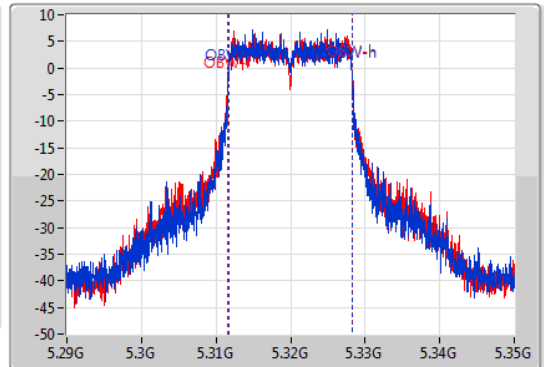
Span
60MHz

RBW
200kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 25.14M | 5.30773G | 5.33287G | 16.612M | 5.311664G | 5.328276G | Inf | 1 |
| 25.26M | 5.3077G | 5.33296G | 16.702M | 5.311604G | 5.328306G | Inf | 2 |

802.11a_Nss1,(6Mbps)_2TX

EBW

5500MHz

06/12/2019

CF
5.5GHz

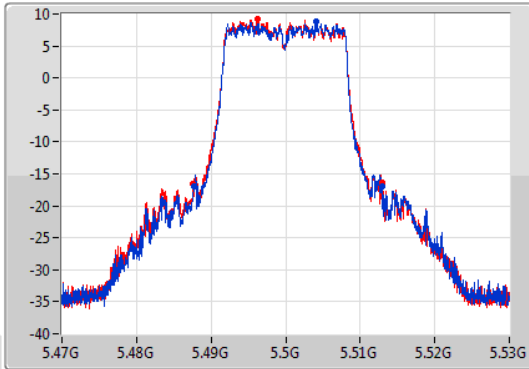
Span
60MHz

RBW
300kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Peak



CF
5.5GHz

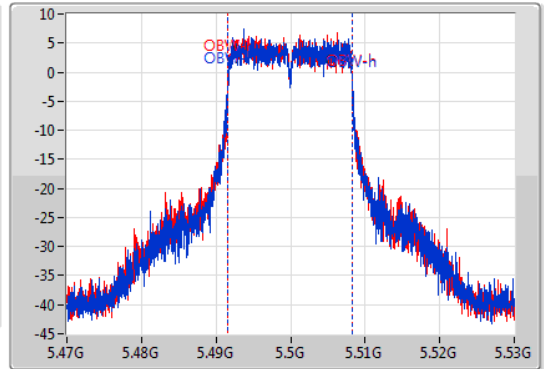
Span
60MHz

RBW
200kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 25.23M | 5.48773G | 5.51296G | 16.642M | 5.491604G | 5.508246G | Inf | 1 |
| 25.29M | 5.48761G | 5.5129G | 16.642M | 5.491604G | 5.508246G | Inf | 2 |

802.11a_Nss1,(6Mbps)_2TX

EBW

5580MHz

06/12/2019

CF
5.58GHz

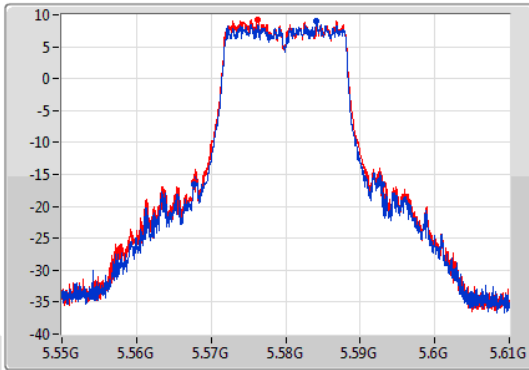
Span
60MHz

RBW
300kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Peak



CF
5.58GHz

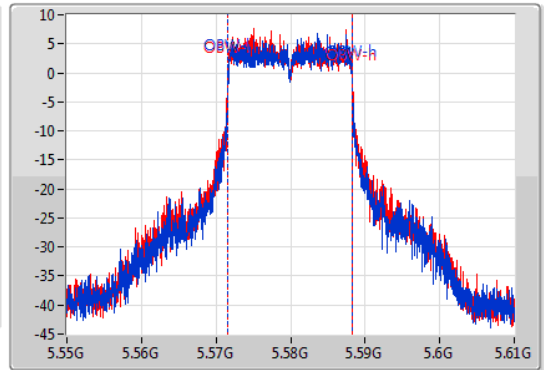
Span
60MHz

RBW
200kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 25.2M | 5.5677G | 5.5929G | 16.612M | 5.571634G | 5.588246G | Inf | 1 |
| 25.38M | 5.56767G | 5.59305G | 16.702M | 5.571574G | 5.588276G | Inf | 2 |

802.11a_Nss1,(6Mbps)_2TX

EBW

5700MHz

06/12/2019

CF
5.7GHz

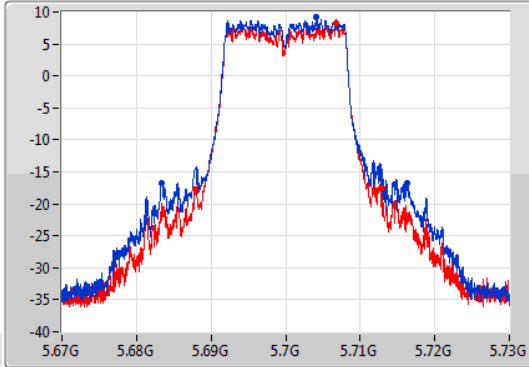
Span
60MHz

RBW
300kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Peak



CF
5.7GHz

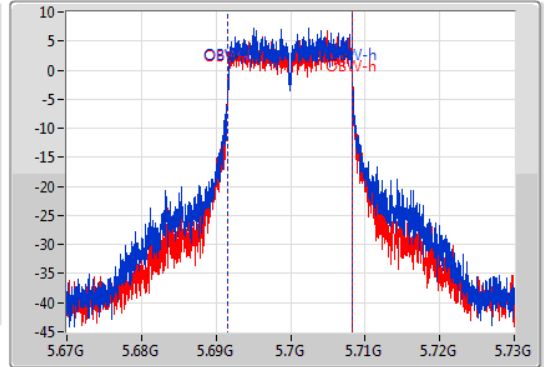
Span
60MHz

RBW
200kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 33M | 5.68329G | 5.71629G | 16.672M | 5.691634G | 5.708306G | Inf | 1 |
| 24.99M | 5.68788G | 5.71287G | 16.672M | 5.691634G | 5.708306G | Inf | 2 |

802.11a_Nss1,(6Mbps)_2TX

EBW

5745MHz

06/12/2019

CF
5.745GHz

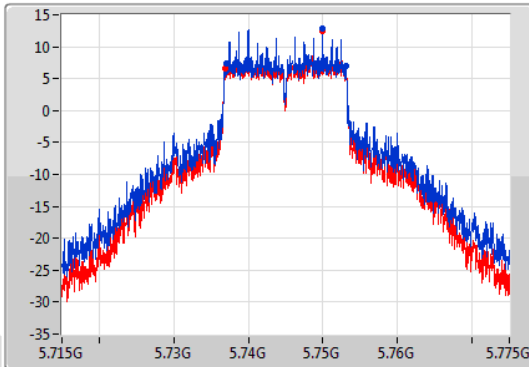
Span
60MHz

RBW
100kHz

VBW
300kHz

Sweep Time
100ms

Detector Type
Peak



CF
5.745GHz

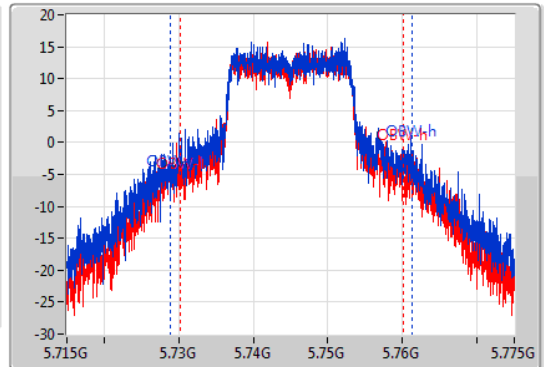
Span
60MHz

RBW
500kHz

VBW
2MHz

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 | 5.73708G | 5.7531G | 32.444M | 5.728808G | 5.761252G | 500k | 1 |
| 16.29M | 5.73684G | 5.75313G | 29.955M | 5.730187G | 5.760142G | 500k | 2 |

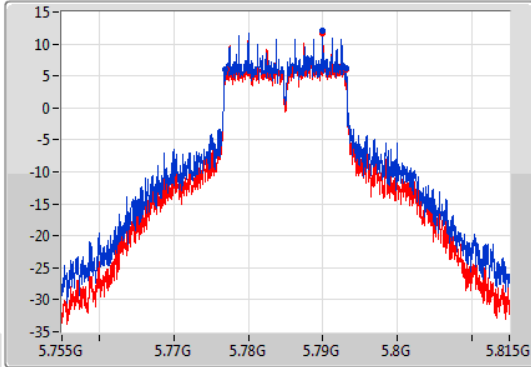
802.11a_Nss1,(6Mbps)_2TX

EBW

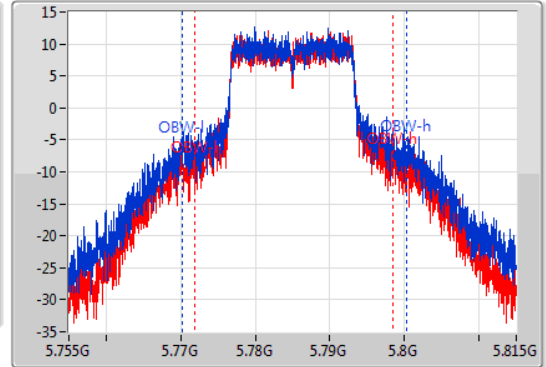
5785MHz

06/12/2019

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



CF
5.785GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 16.29M | 5.77684G | 5.79313G | 30.045M | 5.770247G | 5.800292G | 500k | 1 |
| 16.05M | 5.77708G | 5.79313G | 26.537M | 5.771957G | 5.798493G | 500k | 2 |

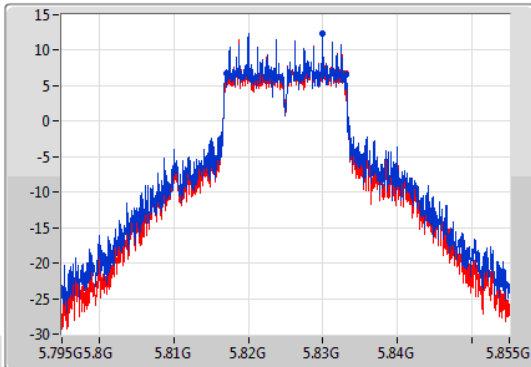
802.11a_Nss1,(6Mbps)_2TX

EBW

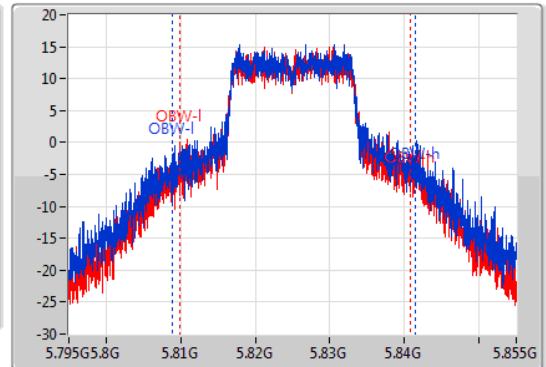
5825MHz

06/12/2019

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



CF
5.825GHz
Span
60MHz
RBW
500kHz
VBW
2MHz
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 |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 16.05M | 5.81708G | 5.83313G | 32.684M | 5.808838G | 5.841522G | 500k | 1 |
| 16.02M | 5.81711G | 5.83313G | 30.885M | 5.809888G | 5.840772G | 500k | 2 |

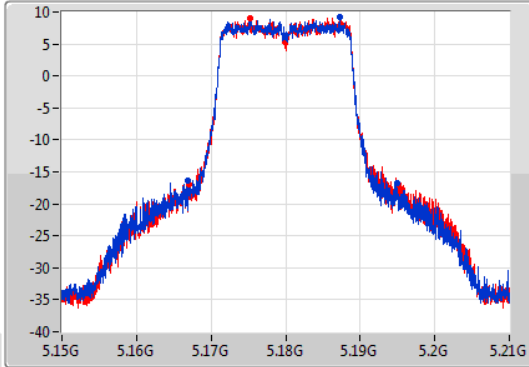
802.11ac VHT20_Nss1,(MCS0)_2TX

EBW

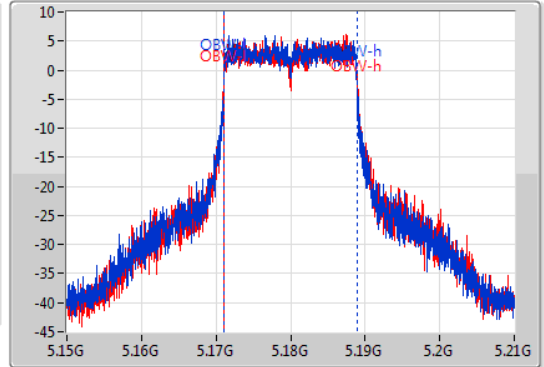
5180MHz

06/12/2019

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



CF
5.18GHz
Span
60MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 28.05M | 5.16683G | 5.19488G | 17.811M | 5.171094G | 5.188906G | Inf | 1 |
| 28.08M | 5.16698G | 5.19506G | 17.871M | 5.171064G | 5.188936G | Inf | 2 |

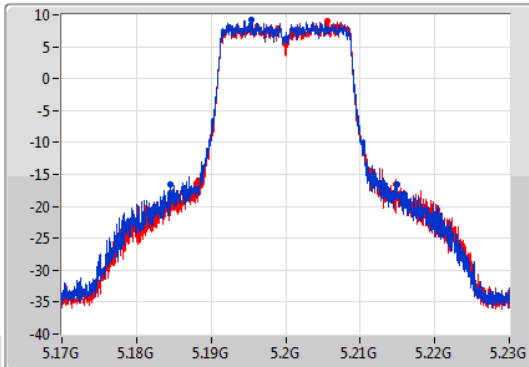
802.11ac VHT20_Nss1,(MCS0)_2TX

EBW

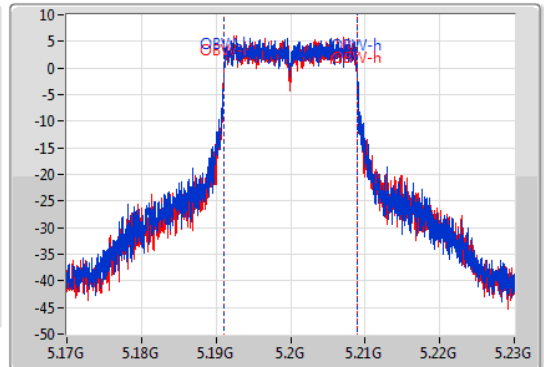
5200MHz

06/12/2019

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



CF
5.2GHz
Span
60MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



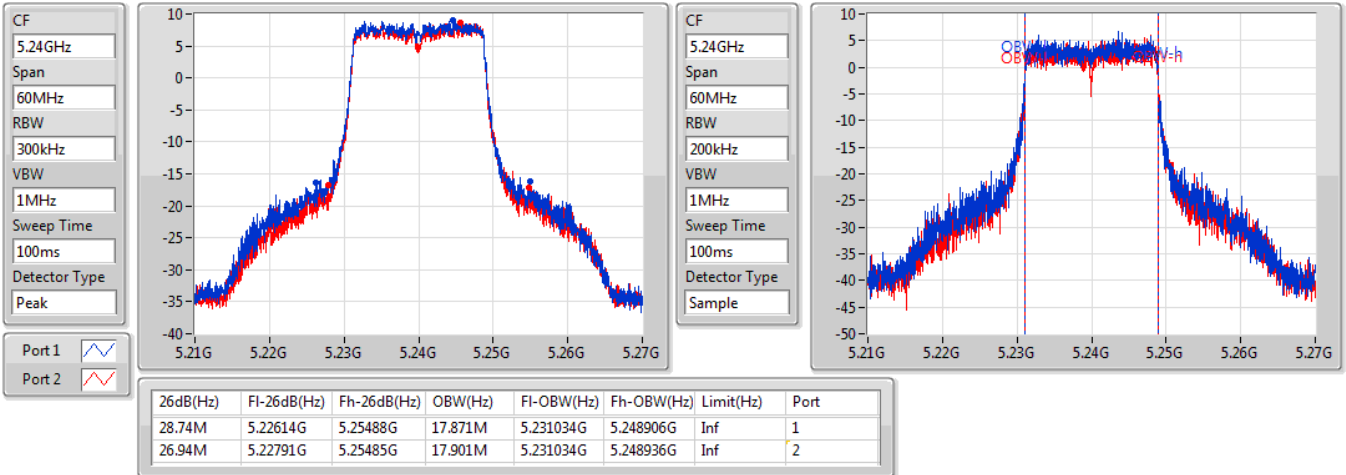
| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 30.3M | 5.18461G | 5.21491G | 17.871M | 5.191064G | 5.208936G | Inf | 1 |
| 26.85M | 5.18797G | 5.21482G | 17.901M | 5.191064G | 5.208966G | Inf | 2 |

802.11ac VHT20_Nss1,(MCS0)_2TX

EBW

5240MHz

06/12/2019

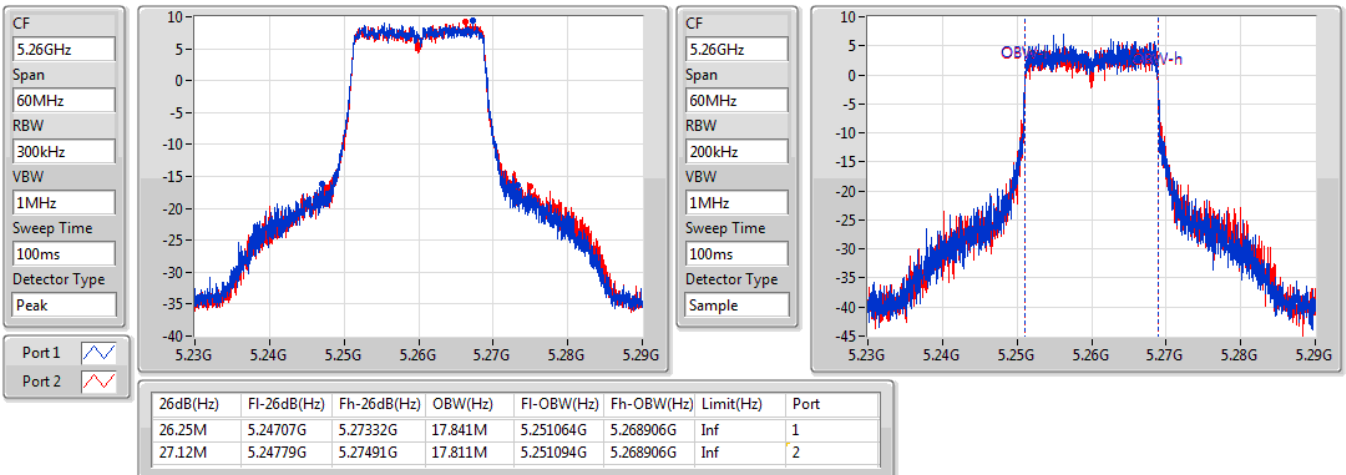


802.11ac VHT20_Nss1,(MCS0)_2TX

EBW

5260MHz

06/12/2019



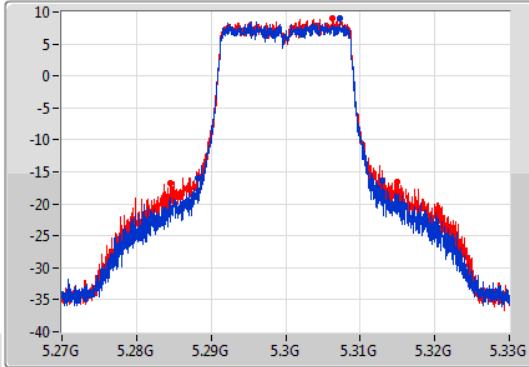
802.11ac VHT20_Nss1,(MCS0)_2TX

EBW

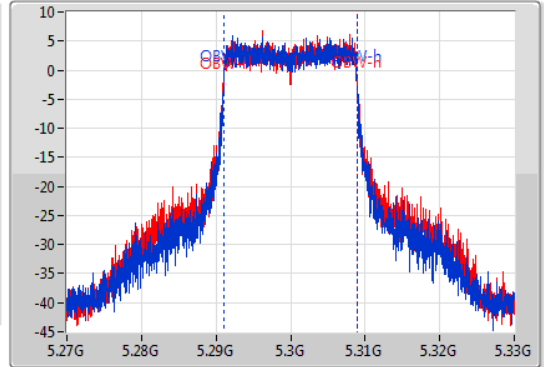
5300MHz

06/12/2019

CF
5.3GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.3GHz
Span
60MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 24.75M | 5.28827G | 5.31302G | 17.841M | 5.291064G | 5.308906G | Inf | 1 |
| 30.33M | 5.28461G | 5.31494G | 17.871M | 5.291034G | 5.308906G | Inf | 2 |

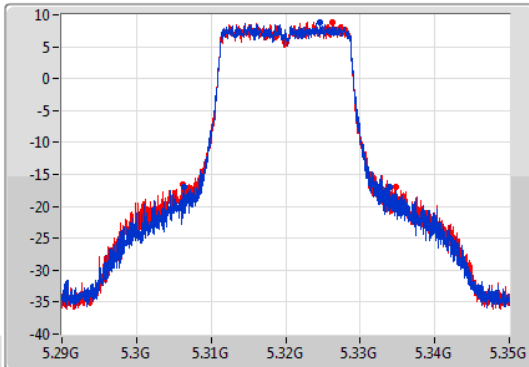
802.11ac VHT20_Nss1,(MCS0)_2TX

EBW

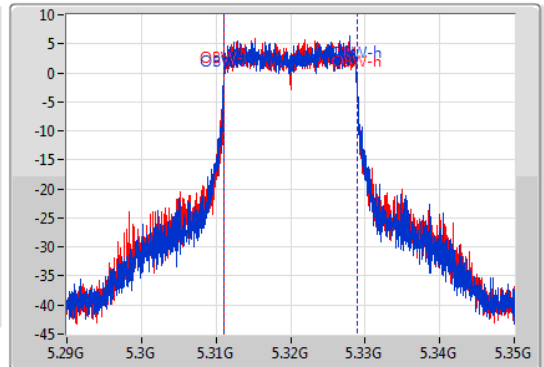
5320MHz

06/12/2019

CF
5.32GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.32GHz
Span
60MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



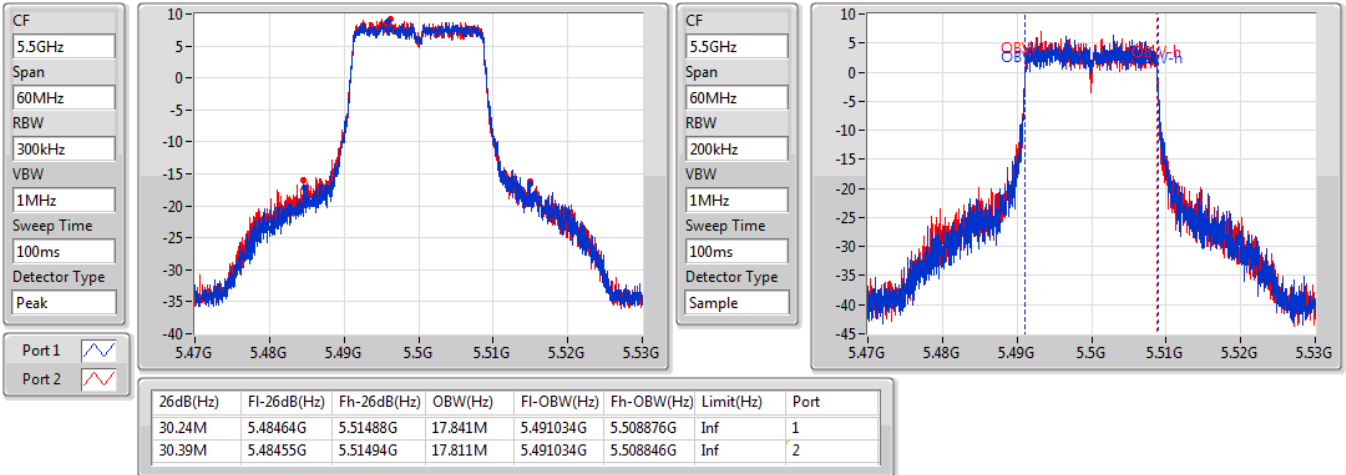
| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 27.63M | 5.30638G | 5.33401G | 17.871M | 5.311034G | 5.328906G | Inf | 1 |
| 28.59M | 5.30617G | 5.33476G | 17.871M | 5.311064G | 5.328936G | Inf | 2 |

802.11ac VHT20_Nss1,(MCS0)_2TX

EBW

5500MHz

06/12/2019

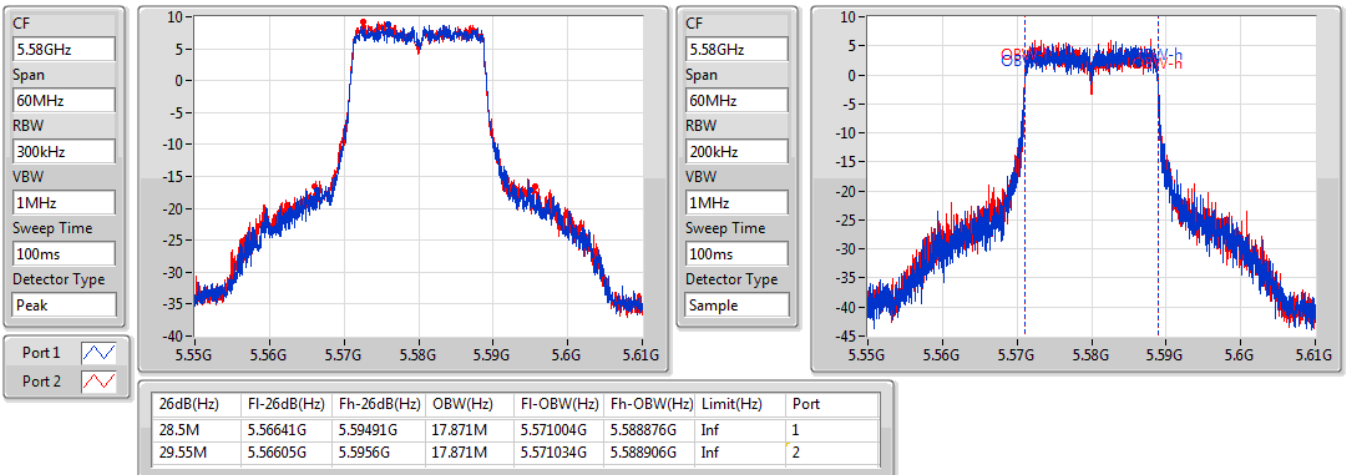


802.11ac VHT20_Nss1,(MCS0)_2TX

EBW

5580MHz

06/12/2019



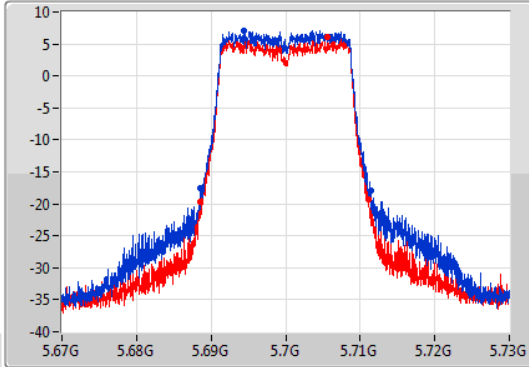
802.11ac VHT20_Nss1,(MCS0)_2TX

EBW

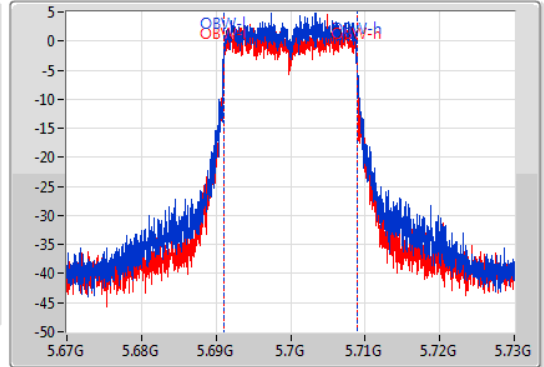
5700MHz

06/12/2019

CF
5.7GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak
Port 1
Port 2



CF
5.7GHz
Span
60MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 22.83M | 5.68857G | 5.7114G | 17.871M | 5.691034G | 5.708906G | Inf | 1 |
| 22.59M | 5.68857G | 5.71116G | 17.841M | 5.691034G | 5.708876G | Inf | 2 |

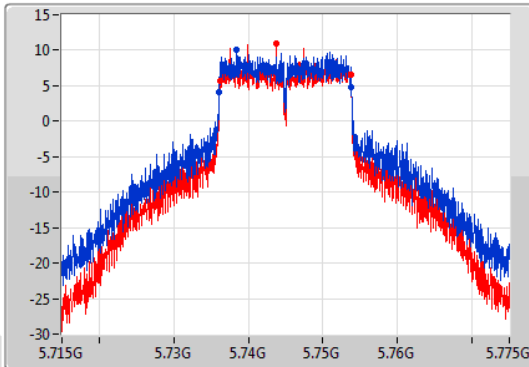
802.11ac VHT20_Nss1,(MCS0)_2TX

EBW

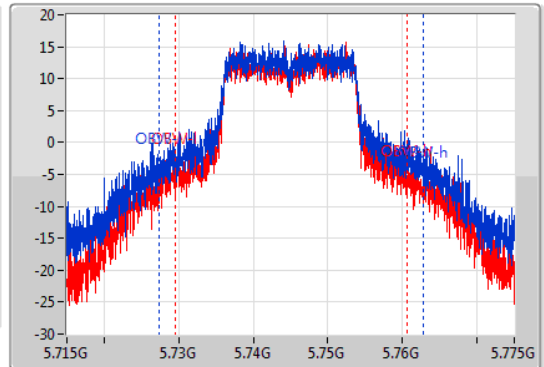
5745MHz

06/12/2019

CF
5.745GHz
Span
60MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak
Port 1
Port 2



CF
5.745GHz
Span
60MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Sample



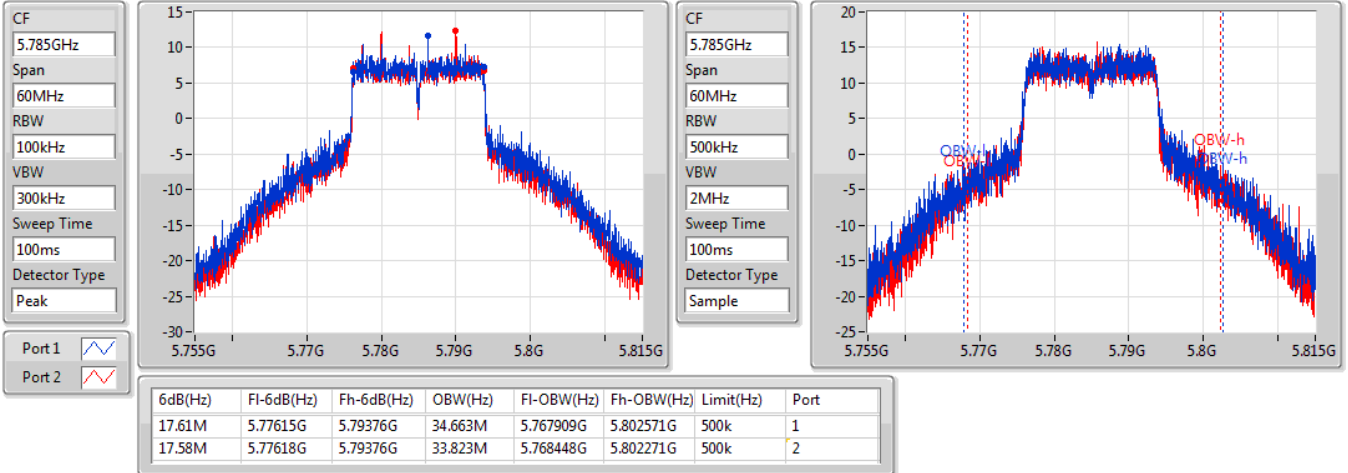
| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 17.79M | 5.73606G | 5.75385G | 35.562M | 5.727309G | 5.762871G | 500k | 1 |
| 17.61M | 5.73615G | 5.75376G | 31.154M | 5.729498G | 5.760652G | 500k | 2 |

802.11ac VHT20_Nss1,(MCS0)_2TX

EBW

5785MHz

06/12/2019

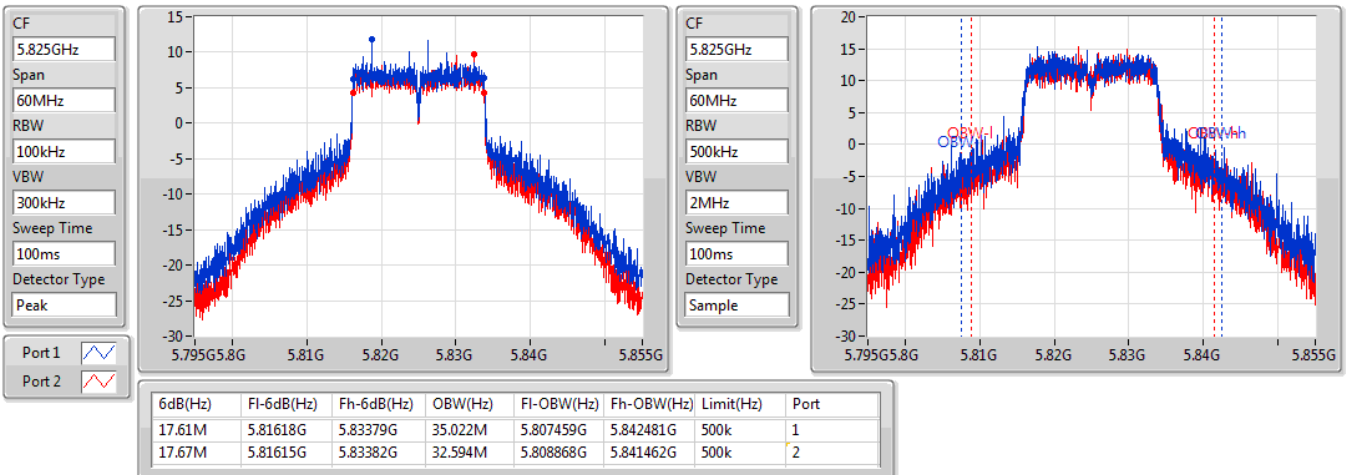


802.11ac VHT20_Nss1,(MCS0)_2TX

EBW

5825MHz

06/12/2019



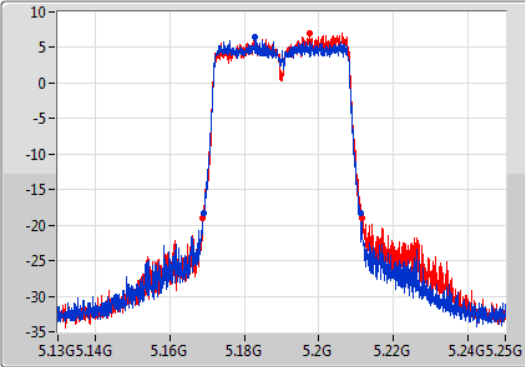
802.11ac VHT40_Nss1,(MCS0)_2TX

EBW

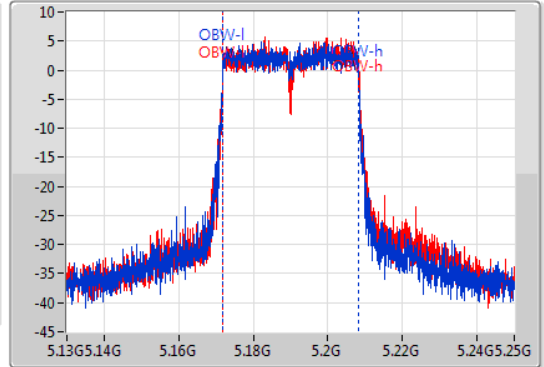
5190MHz

06/12/2019

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



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 42.36M | 5.169G | 5.21136G | 36.282M | 5.171829G | 5.208111G | Inf | 1 |
| 42.96M | 5.1687G | 5.21166G | 36.402M | 5.171889G | 5.208291G | Inf | 2 |

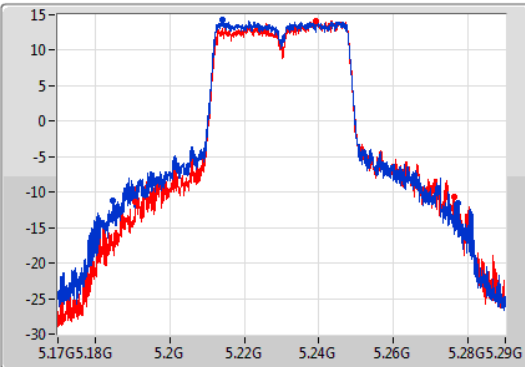
802.11ac VHT40_Nss1,(MCS0)_2TX

EBW

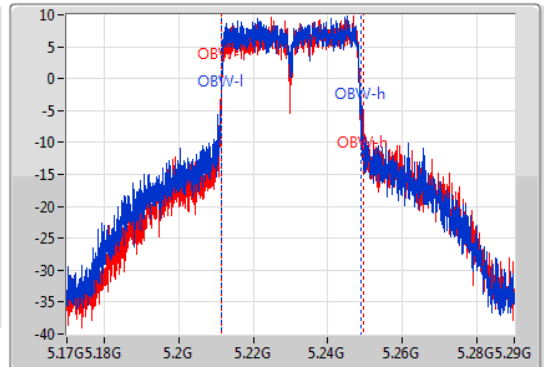
5230MHz

06/12/2019

CF
5.23GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



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



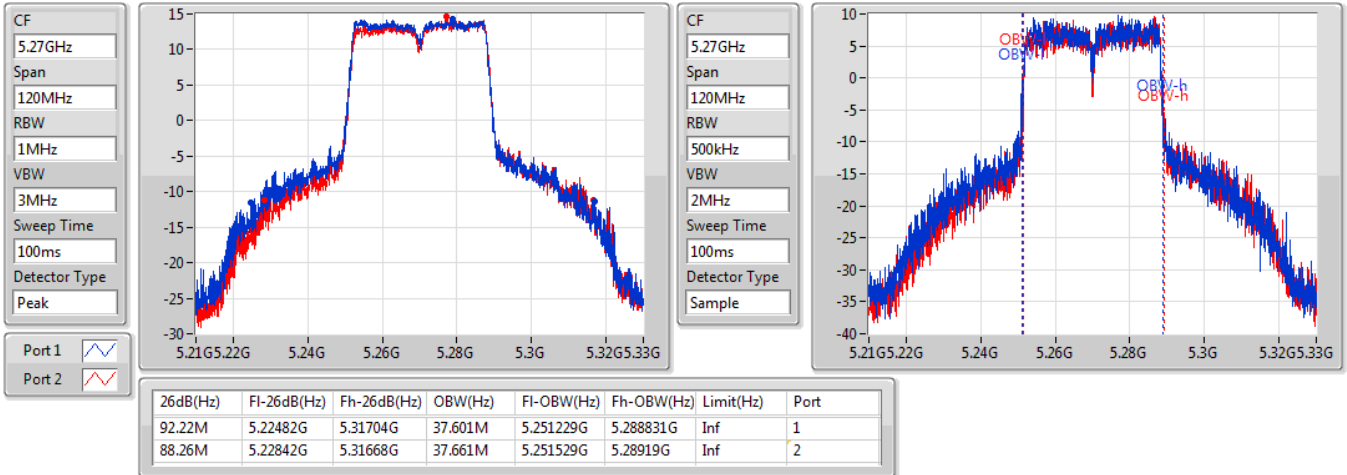
| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 92.52M | 5.18476G | 5.27728G | 37.601M | 5.211349G | 5.248951G | Inf | 1 |
| 85.8M | 5.19064G | 5.27644G | 37.961M | 5.211589G | 5.24955G | Inf | 2 |

802.11ac VHT40_Nss1,(MCS0)_2TX

EBW

5270MHz

06/12/2019

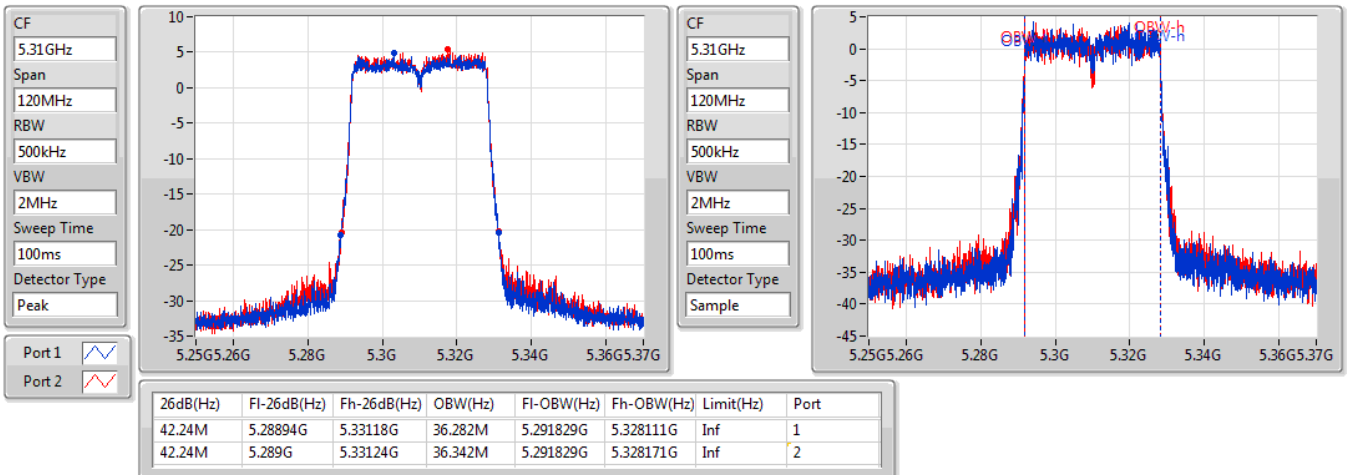


802.11ac VHT40_Nss1,(MCS0)_2TX

EBW

5310MHz

06/12/2019

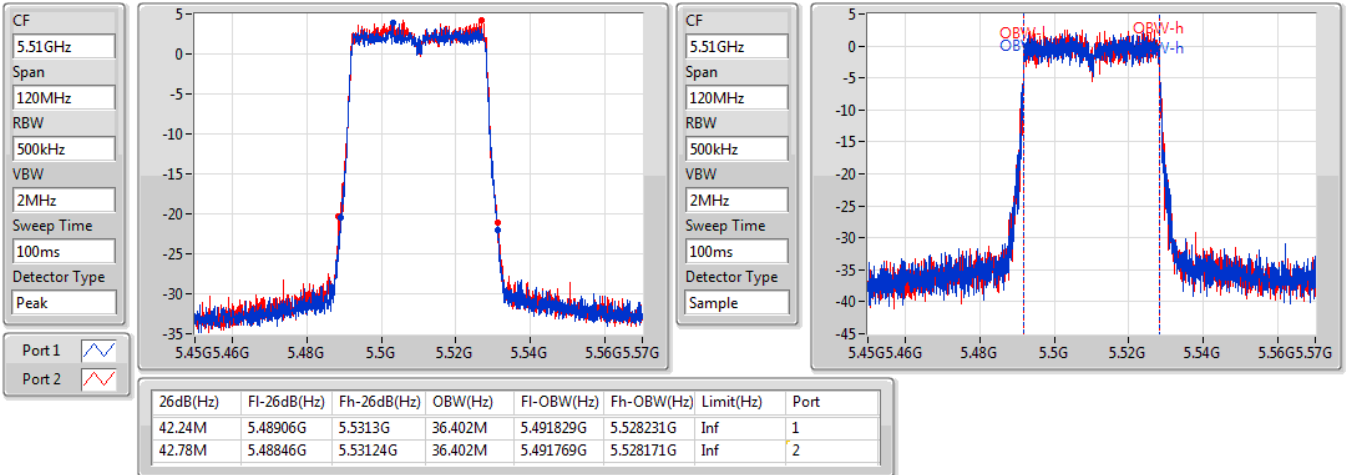


802.11ac VHT40_Nss1,(MCS0)_2TX

EBW

5510MHz

06/12/2019

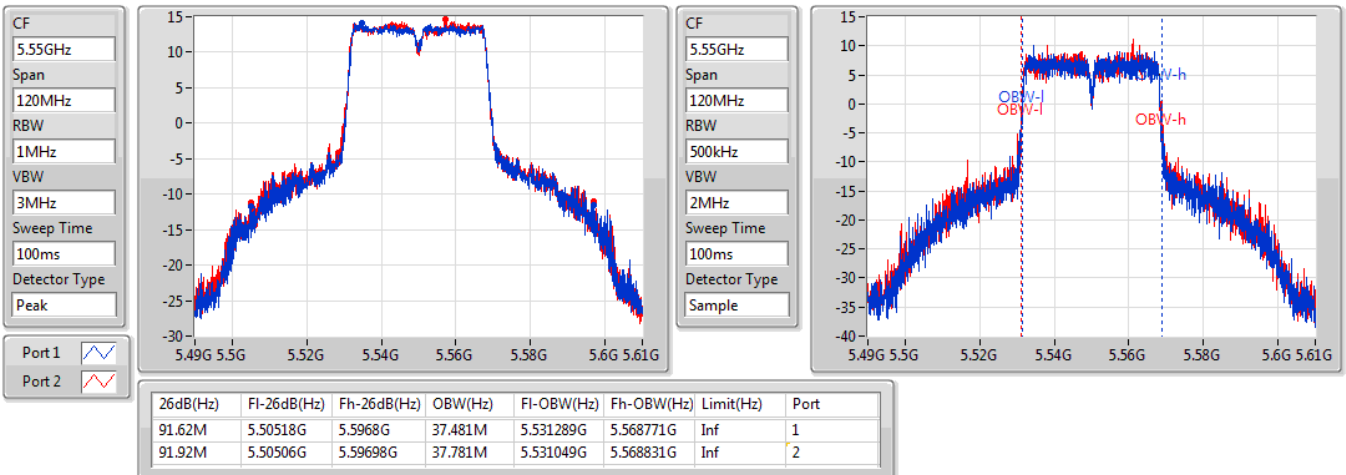


802.11ac VHT40_Nss1,(MCS0)_2TX

EBW

5550MHz

06/12/2019

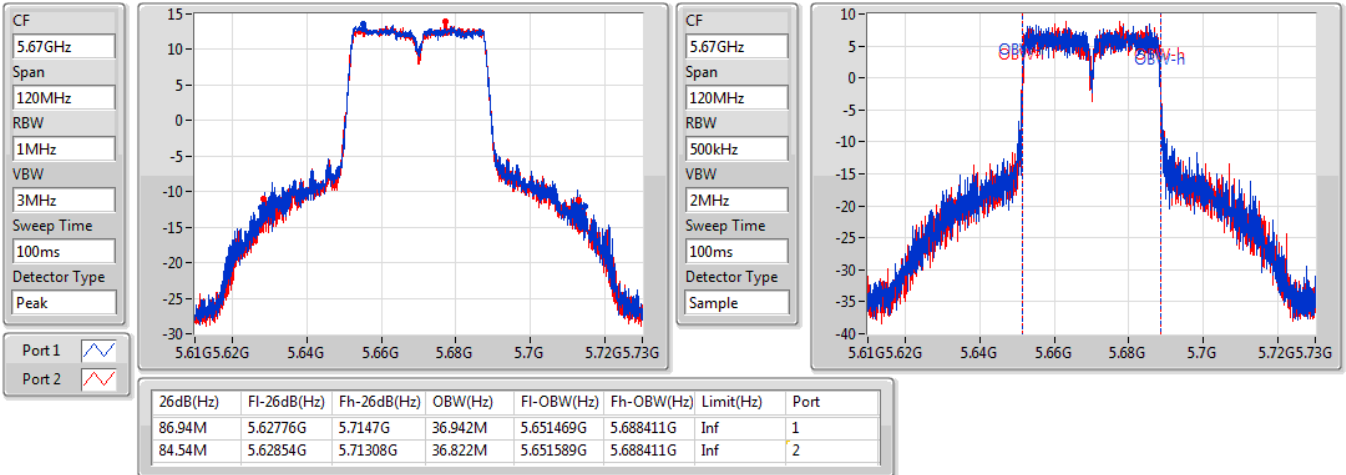


802.11ac VHT40_Nss1,(MCS0)_2TX

EBW

5670MHz

06/12/2019

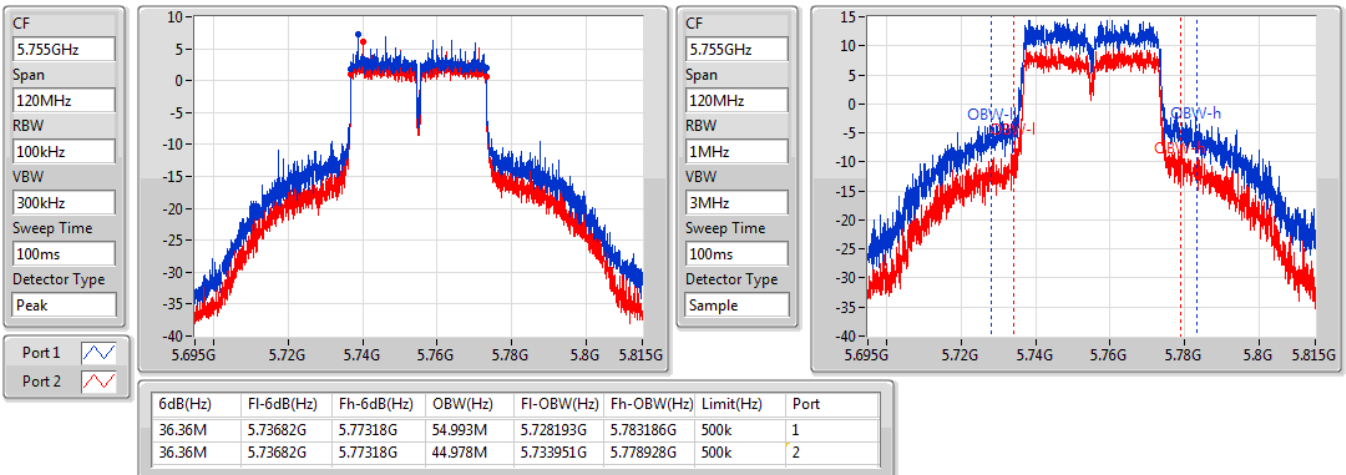


802.11ac VHT40_Nss1,(MCS0)_2TX

EBW

5755MHz

06/12/2019



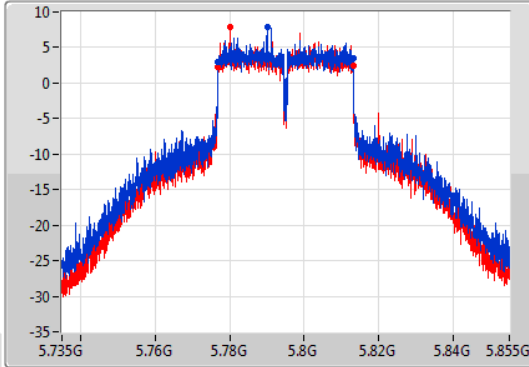
802.11ac VHT40_Nss1,(MCS0)_2TX

EBW

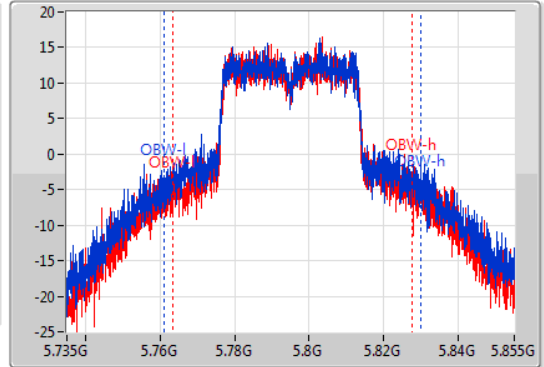
5795MHz

06/12/2019

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



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



| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 36.36M | 5.77682G | 5.81318G | 69.085M | 5.760937G | 5.830022G | 500k | 1 |
| 36.36M | 5.77682G | 5.81318G | 64.168M | 5.763576G | 5.827744G | 500k | 2 |

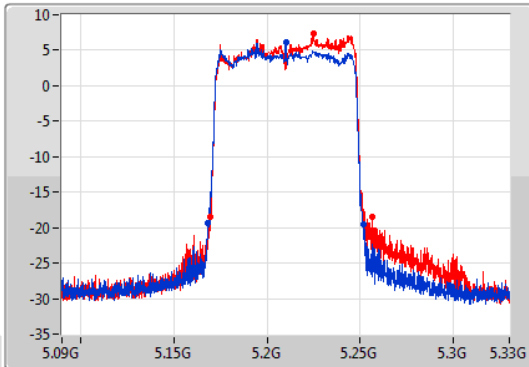
802.11ac VHT80_Nss1,(MCS0)_2TX

EBW

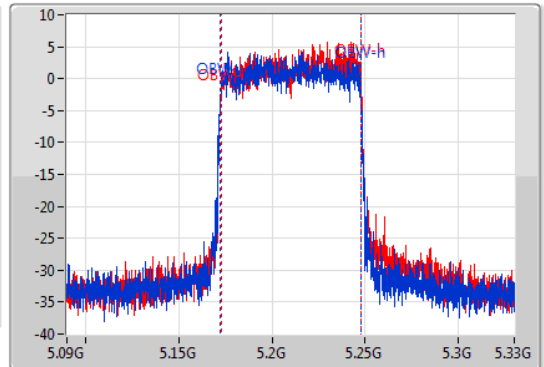
5210MHz

06/12/2019

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



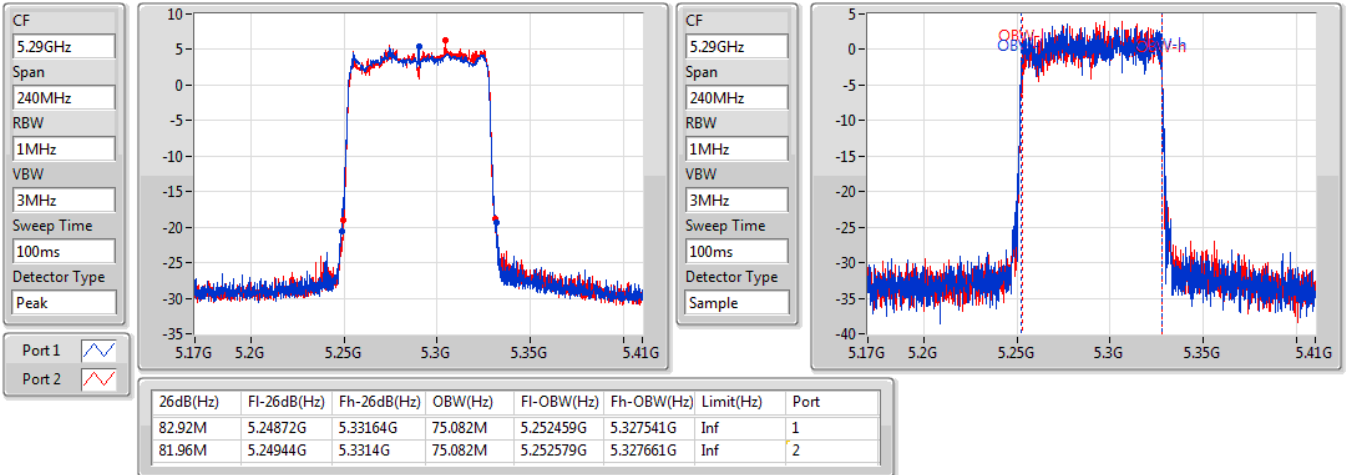
| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 83.16M | 5.16848G | 5.25164G | 75.202M | 5.172459G | 5.247661G | Inf | 1 |
| 86.88M | 5.16968G | 5.25656G | 74.963M | 5.172819G | 5.247781G | Inf | 2 |

802.11ac VHT80_Nss1,(MCS0)_2TX

EBW

5290MHz

06/12/2019

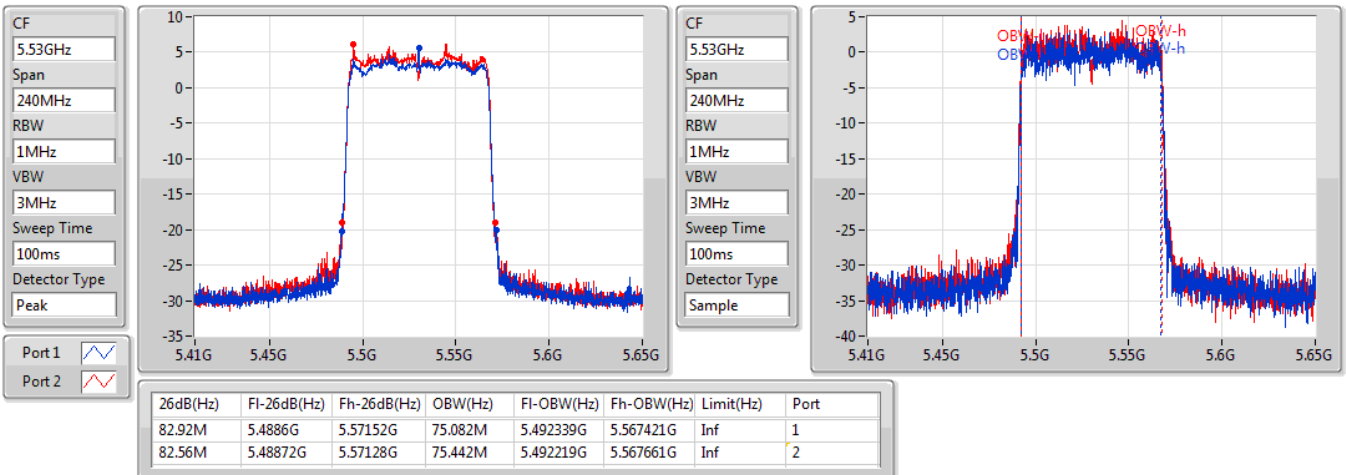


802.11ac VHT80_Nss1,(MCS0)_2TX

EBW

5530MHz

06/12/2019

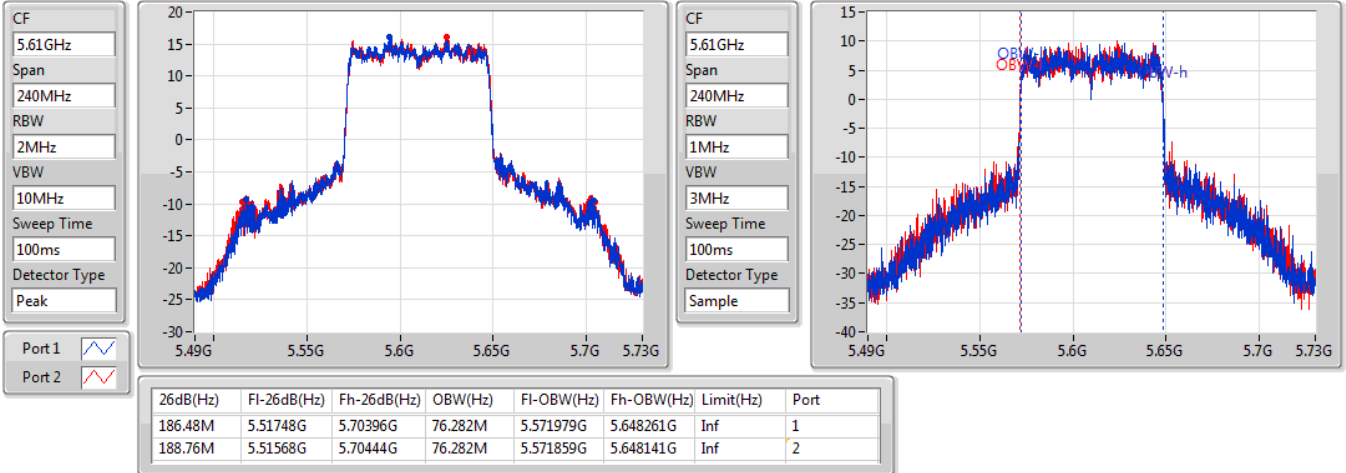


802.11ac VHT80_Nss1,(MCS0)_2TX

EBW

5610MHz

06/12/2019

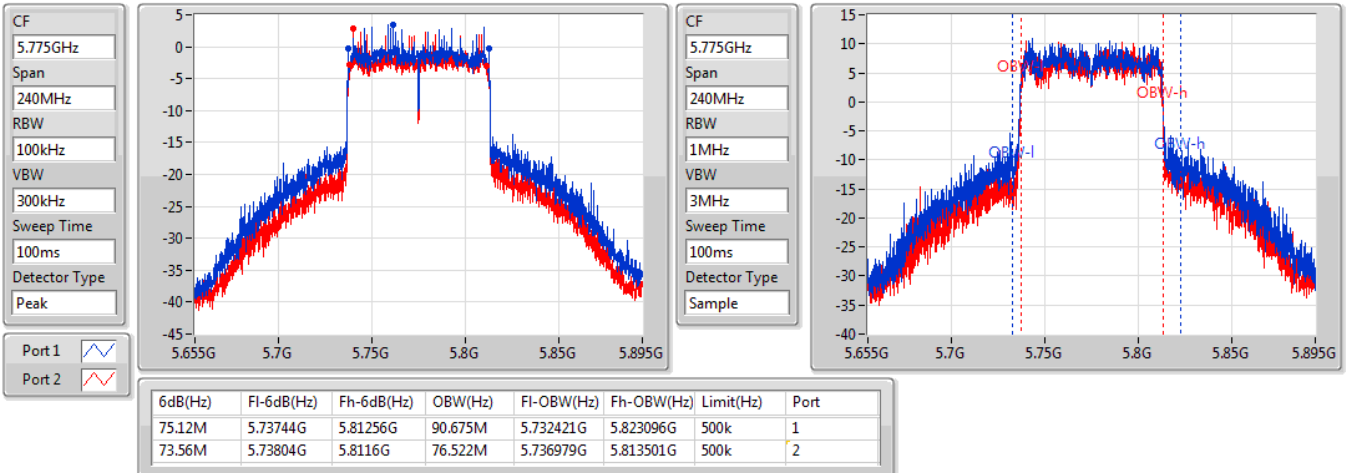


802.11ac VHT80_Nss1,(MCS0)_2TX

EBW

5775MHz

06/12/2019



Summary

| Mode | Max-N dB (Hz) | Max-OBW (Hz) | ITU-Code | Min-N dB (Hz) | Min-OBW (Hz) |
|-----------------------------------|------------------|-----------------|----------|------------------|-----------------|
| 5.15-5.25GHz | - | - | - | - | - |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 27.24M | 17.991M | 18MOD1D | 21.96M | 17.871M |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 56.58M | 36.642M | 36M6D1D | 41.52M | 36.522M |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 81.48M | 76.042M | 76M0D1D | 79.56M | 75.442M |
| 5.25-5.35GHz | - | - | - | - | - |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 28.77M | 18.021M | 18MOD1D | 22.35M | 17.931M |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 57.84M | 36.822M | 36M8D1D | 41.52M | 36.522M |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 82.08M | 75.922M | 75M9D1D | 81.36M | 75.562M |
| 5.47-5.725GHz | - | - | - | - | - |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 24.84M | 17.961M | 18MOD1D | 21.3M | 17.841M |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 46.92M | 36.702M | 36M7D1D | 41.58M | 36.522M |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 105.24M | 75.562M | 75M6D1D | 80.88M | 74.843M |
| 5.725-5.85GHz | - | - | - | - | - |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 17.55M | 20.57M | 20M6D1D | 17.34M | 18.081M |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 35.28M | 41.139M | 41M1D1D | 33.78M | 37.061M |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 71.52M | 76.162M | 76M2D1D | 68.76M | 74.963M |

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth;

Result

| Mode | Result | Limit (Hz) | Port 1-N dB (Hz) | Port 1-OBW (Hz) | Port 2-N dB (Hz) | Port 2-OBW (Hz) |
|-----------------------------------|--------|------------|------------------|-----------------|------------------|-----------------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | - | - | - | - | - | - |
| 5180MHz | Pass | Inf | 27.24M | 17.961M | 22.08M | 17.901M |
| 5200MHz | Pass | Inf | 21.96M | 17.871M | 22.17M | 17.871M |
| 5240MHz | Pass | Inf | 26.85M | 17.991M | 21.99M | 17.901M |
| 5260MHz | Pass | Inf | 28.77M | 18.021M | 22.65M | 17.931M |
| 5300MHz | Pass | Inf | 25.95M | 17.961M | 23.13M | 17.961M |
| 5320MHz | Pass | Inf | 27.03M | 17.991M | 22.35M | 17.961M |
| 5500MHz | Pass | Inf | 24.12M | 17.931M | 22.5M | 17.961M |
| 5580MHz | Pass | Inf | 24.84M | 17.961M | 21.54M | 17.871M |
| 5700MHz | Pass | Inf | 21.3M | 17.841M | 21.6M | 17.871M |
| 5745MHz | Pass | 500k | 17.52M | 20.51M | 17.34M | 20.57M |
| 5785MHz | Pass | 500k | 17.4M | 18.561M | 17.55M | 18.531M |
| 5825MHz | Pass | 500k | 17.52M | 18.081M | 17.52M | 18.201M |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | - | - | - | - | - | - |
| 5190MHz | Pass | Inf | 41.58M | 36.522M | 41.52M | 36.582M |
| 5230MHz | Pass | Inf | 56.58M | 36.642M | 47.64M | 36.642M |
| 5270MHz | Pass | Inf | 57.84M | 36.762M | 46.62M | 36.822M |
| 5310MHz | Pass | Inf | 41.52M | 36.522M | 41.88M | 36.642M |
| 5510MHz | Pass | Inf | 42M | 36.522M | 41.82M | 36.522M |
| 5550MHz | Pass | Inf | 42.06M | 36.702M | 41.7M | 36.582M |
| 5670MHz | Pass | Inf | 46.92M | 36.642M | 41.58M | 36.642M |
| 5755MHz | Pass | 500k | 35.1M | 41.079M | 34.08M | 41.139M |
| 5795MHz | Pass | 500k | 33.78M | 37.061M | 35.28M | 37.241M |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | - | - | - | - | - | - |
| 5210MHz | Pass | Inf | 79.56M | 75.442M | 81.48M | 76.042M |
| 5290MHz | Pass | Inf | 82.08M | 75.562M | 81.36M | 75.922M |
| 5530MHz | Pass | Inf | 82.08M | 74.843M | 80.88M | 75.562M |
| 5610MHz | Pass | Inf | 105.24M | 75.442M | 83.28M | 75.202M |
| 5775MHz | Pass | 500k | 71.52M | 74.963M | 68.76M | 76.162M |

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;

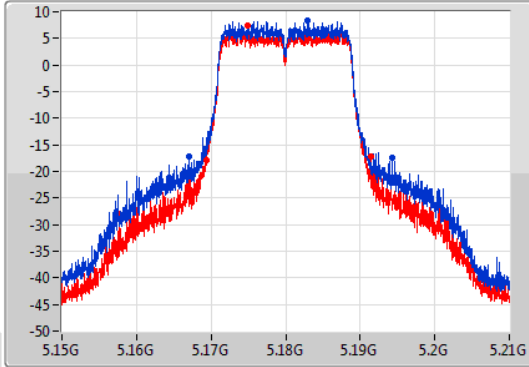
802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

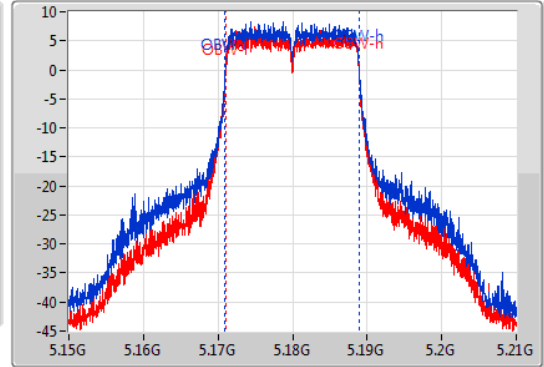
5180MHz

17/01/2020

CF
5.18GHz
Span
60MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.18GHz
Span
60MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 27.24M | 5.16704G | 5.19428G | 17.961M | 5.170975G | 5.188936G | Inf | 1 |
| 22.08M | 5.16932G | 5.1914G | 17.901M | 5.171034G | 5.188936G | Inf | 2 |

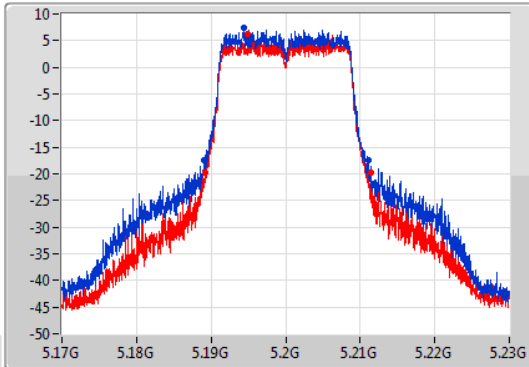
802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

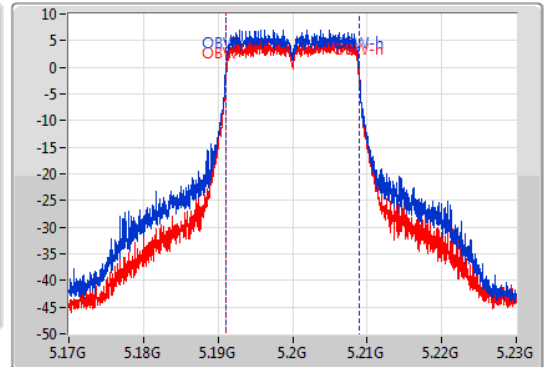
5200MHz

17/01/2020

CF
5.2GHz
Span
60MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.2GHz
Span
60MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



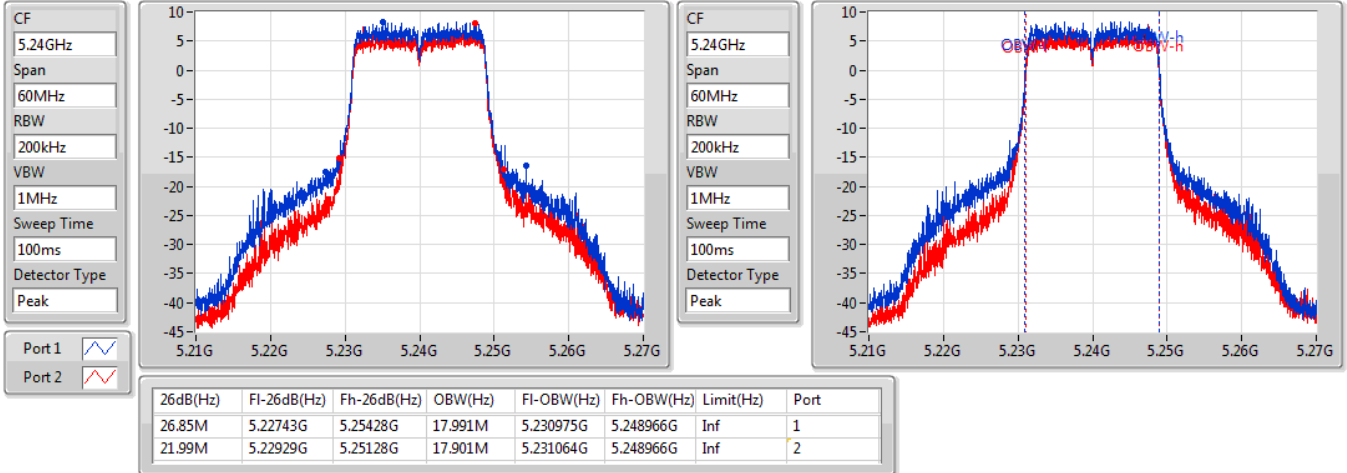
| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 21.96M | 5.18908G | 5.21104G | 17.871M | 5.191034G | 5.208906G | Inf | 1 |
| 22.17M | 5.18929G | 5.21146G | 17.871M | 5.191064G | 5.208936G | Inf | 2 |

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5240MHz

17/01/2020

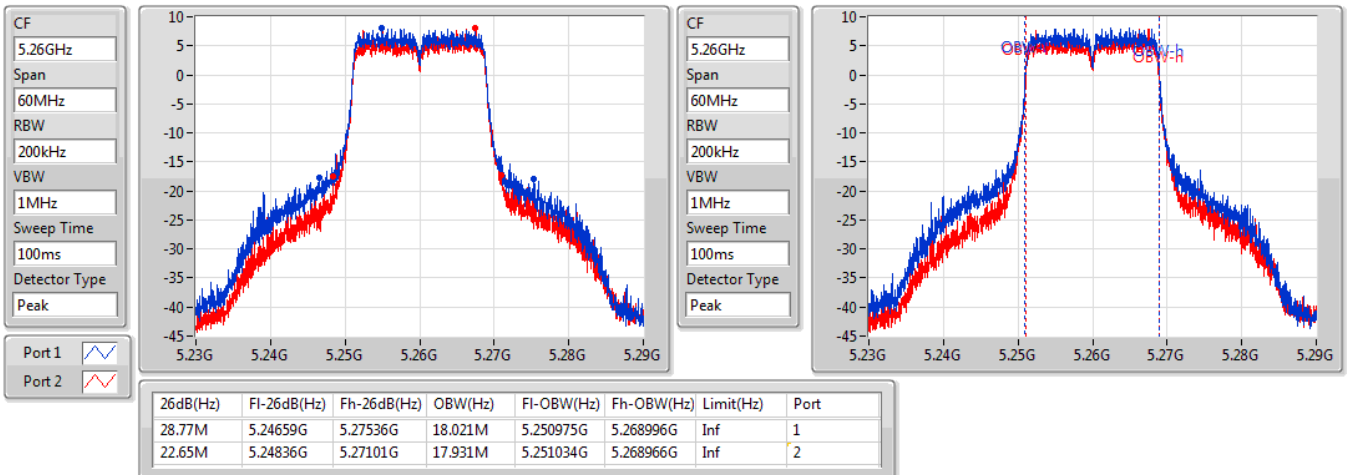


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5260MHz

17/01/2020

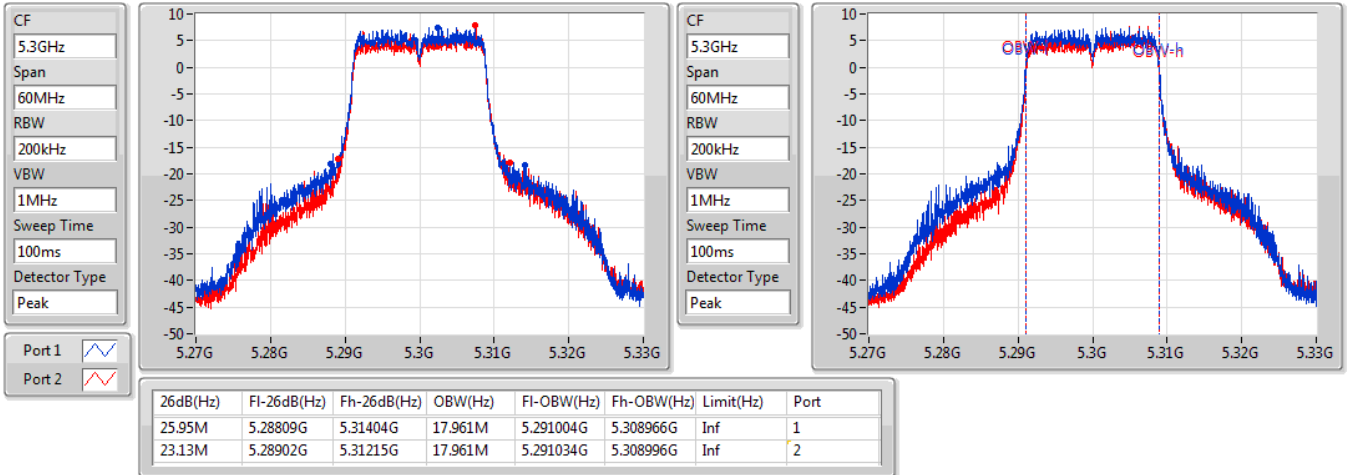


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5300MHz

17/01/2020

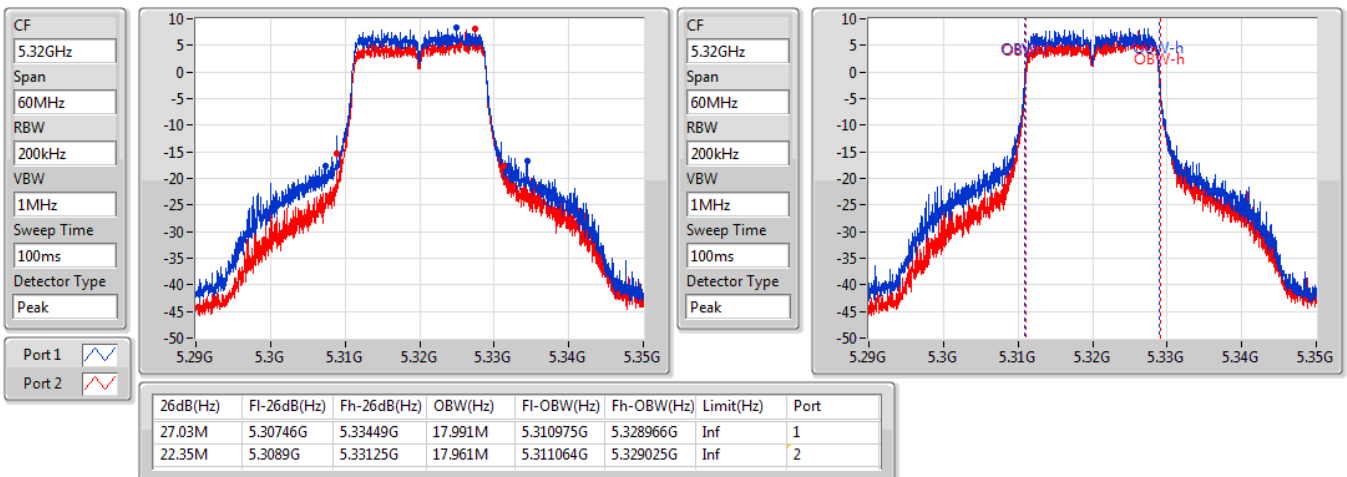


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5320MHz

17/01/2020

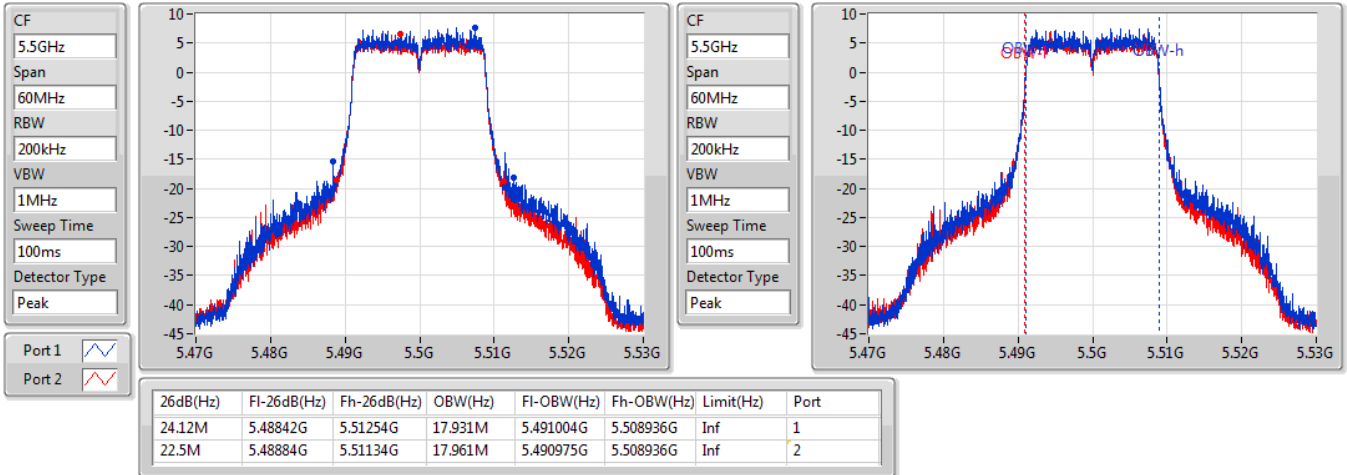


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5500MHz

17/01/2020

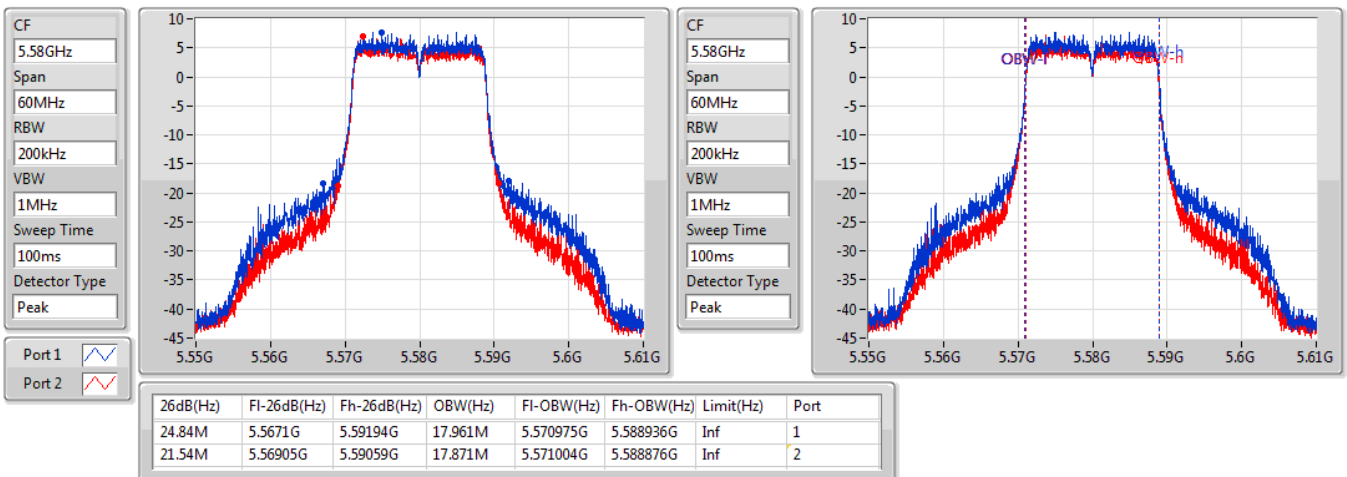


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5580MHz

17/01/2020



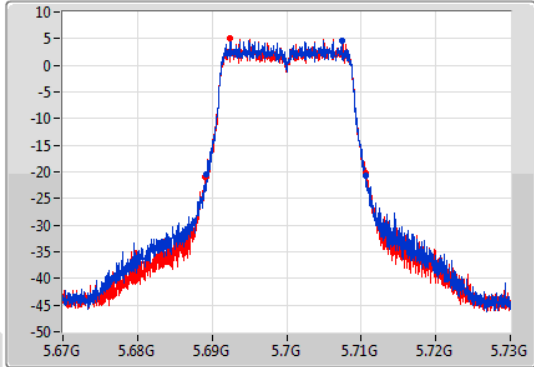
802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

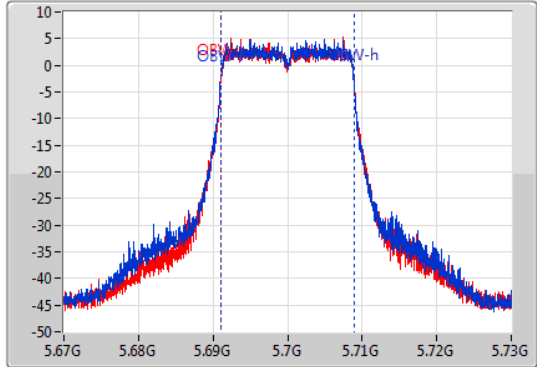
5700MHz

17/01/2020

CF
5.7GHz
Span
60MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.7GHz
Span
60MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



| 6dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|-------------|-------------|---------|------------|------------|-----------|------|
| 21.3M | 5.68929G | 5.71059G | 17.841M | 5.691034G | 5.708876G | Inf | 1 |
| 21.6M | 5.68908G | 5.71068G | 17.871M | 5.691034G | 5.708906G | Inf | 2 |

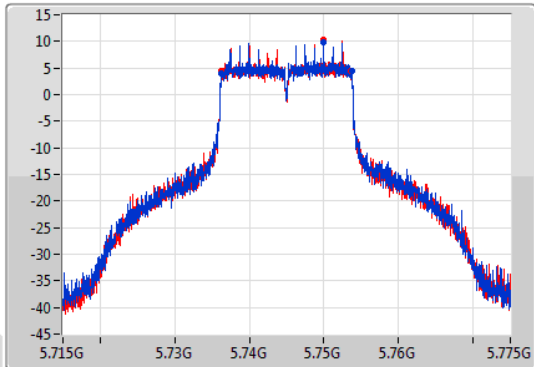
802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

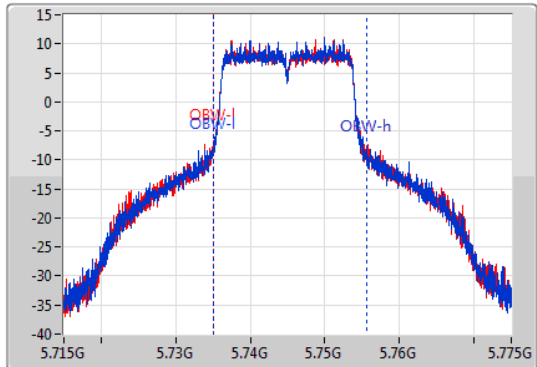
5745MHz

17/01/2020

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
Peak



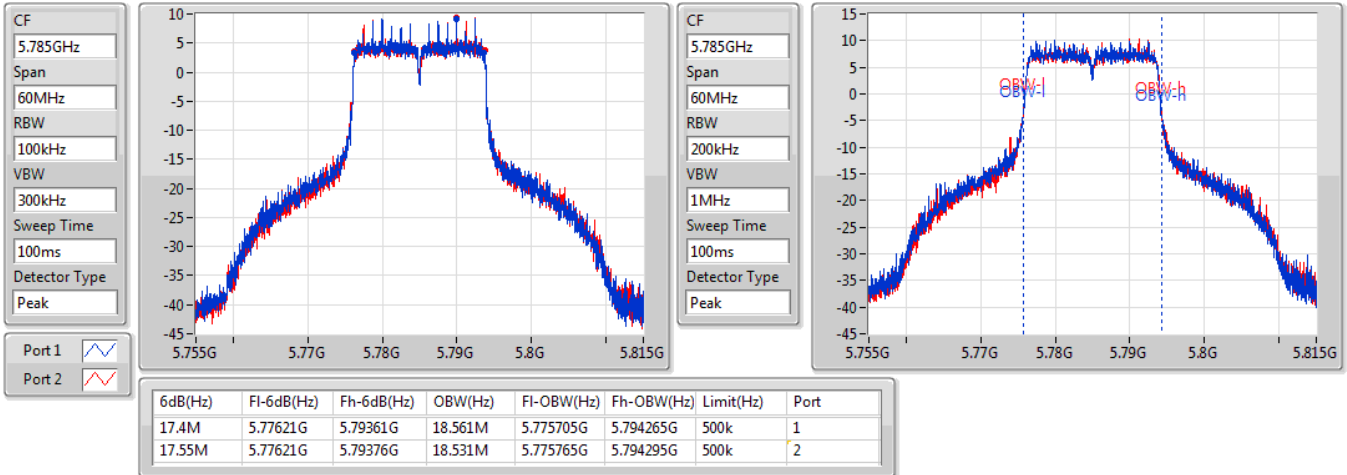
| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 17.52M | 5.73621G | 5.75373G | 20.51M | 5.735075G | 5.755585G | 500k | 1 |
| 17.34M | 5.73624G | 5.75358G | 20.57M | 5.735105G | 5.755675G | 500k | 2 |

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5785MHz

17/01/2020

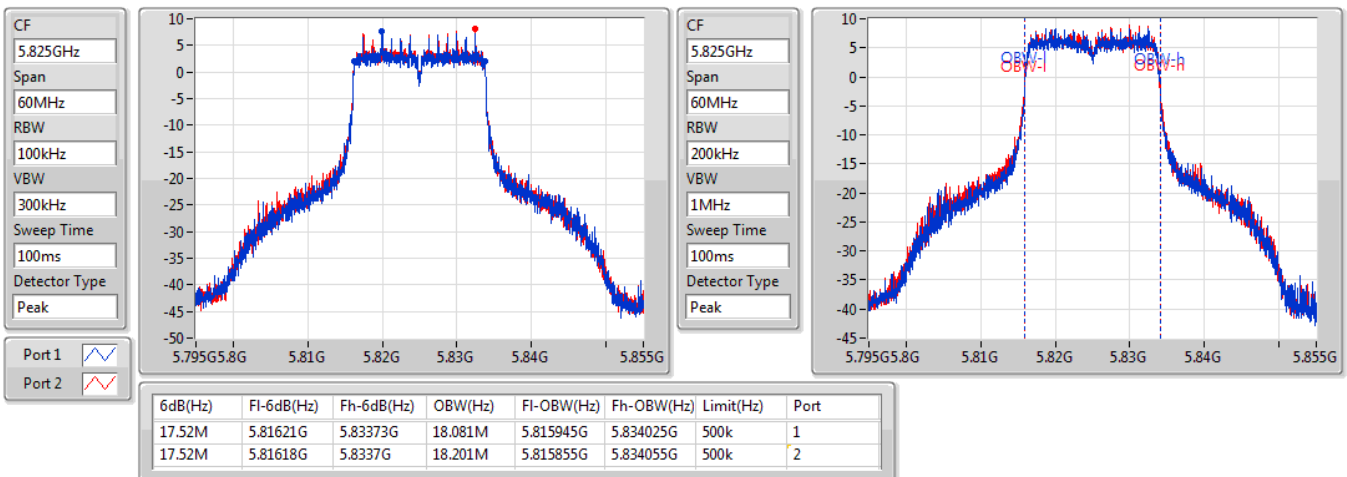


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5825MHz

17/01/2020



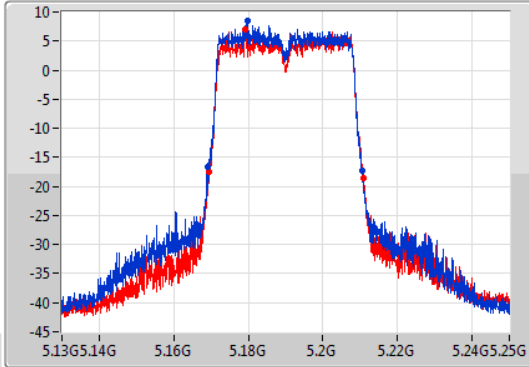
802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

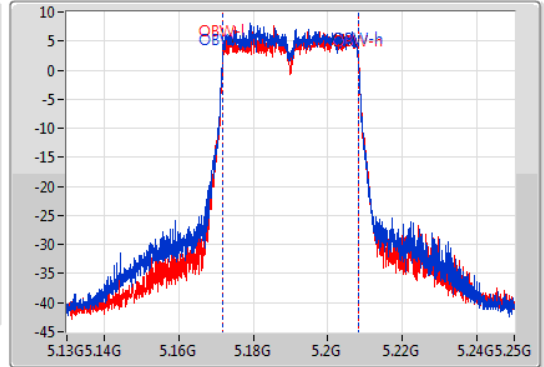
5190MHz

17/01/2020

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
Peak



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 41.58M | 5.16906G | 5.21064G | 36.522M | 5.171709G | 5.208231G | Inf | 1 |
| 41.52M | 5.16936G | 5.21088G | 36.582M | 5.171709G | 5.208291G | Inf | 2 |

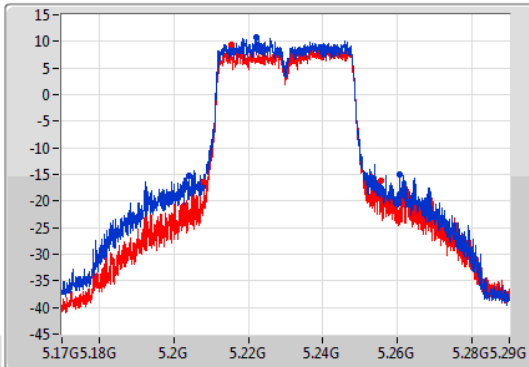
802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

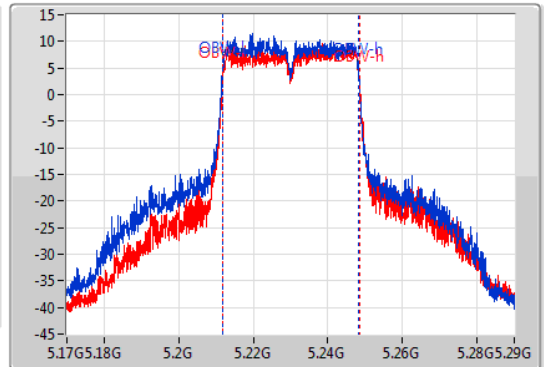
5230MHz

17/01/2020

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
Peak



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 56.58M | 5.20414G | 5.26072G | 36.642M | 5.211649G | 5.248291G | Inf | 1 |
| 47.64M | 5.20804G | 5.25568G | 36.642M | 5.211769G | 5.248411G | Inf | 2 |

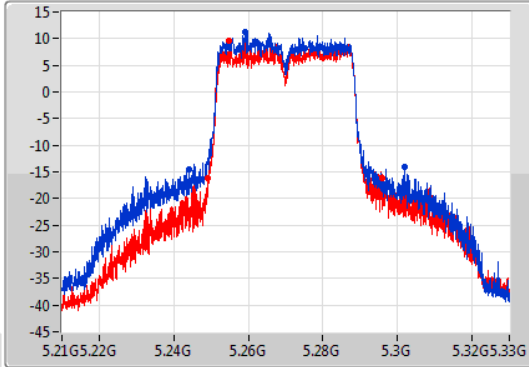
802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

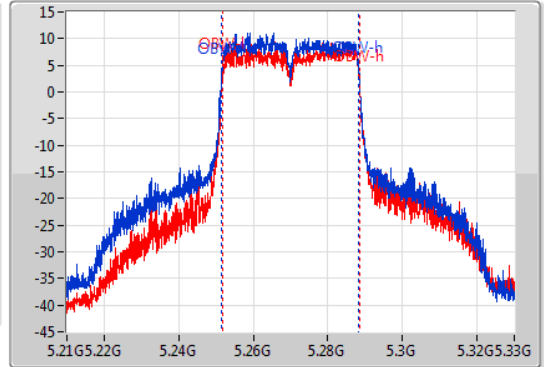
5270MHz

17/01/2020

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



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



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 57.84M | 5.2442G | 5.30204G | 36.762M | 5.251589G | 5.288351G | Inf | 1 |
| 46.62M | 5.24924G | 5.29586G | 36.822M | 5.251649G | 5.288471G | Inf | 2 |

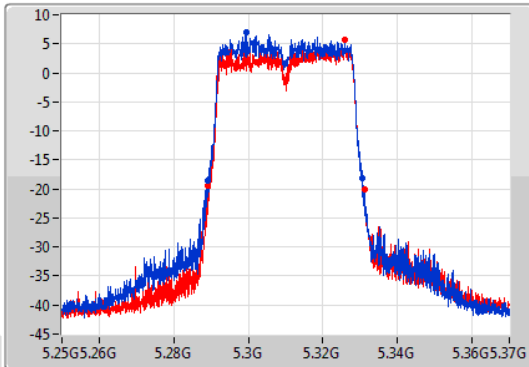
802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

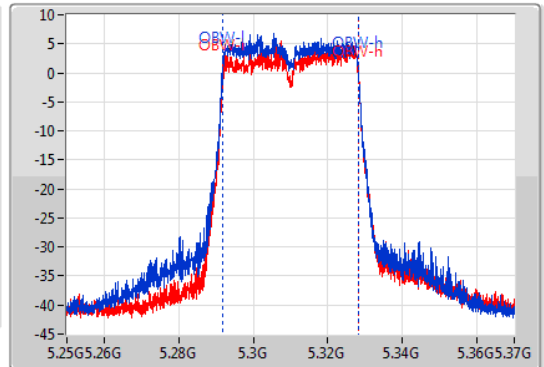
5310MHz

17/01/2020

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



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



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 41.52M | 5.289G | 5.33052G | 36.522M | 5.291709G | 5.328231G | Inf | 1 |
| 41.88M | 5.28918G | 5.33106G | 36.642M | 5.291709G | 5.328351G | Inf | 2 |

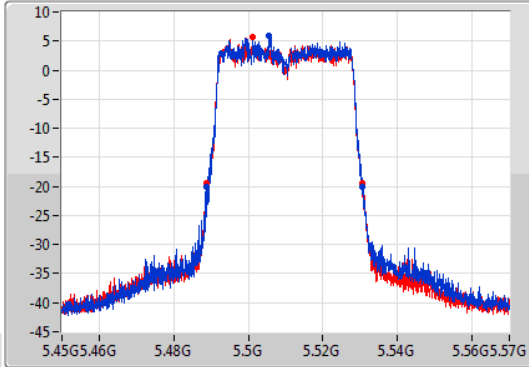
802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

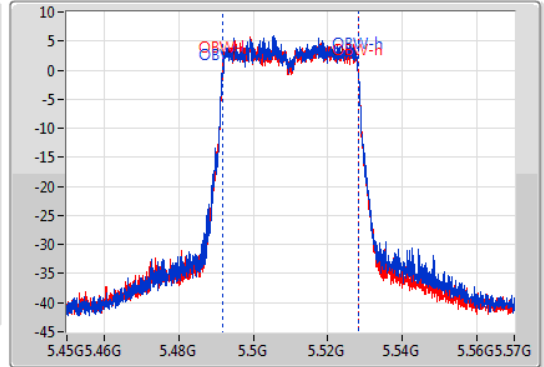
5510MHz

17/01/2020

CF
5.51GHz
Span
120MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.51GHz
Span
120MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 42M | 5.4887G | 5.5307G | 36.522M | 5.491709G | 5.528231G | Inf | 1 |
| 41.82M | 5.48888G | 5.5307G | 36.522M | 5.491709G | 5.528231G | Inf | 2 |

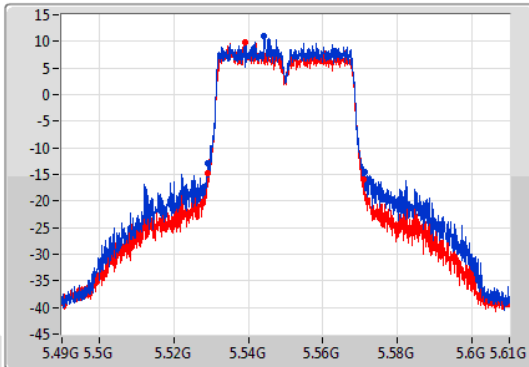
802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

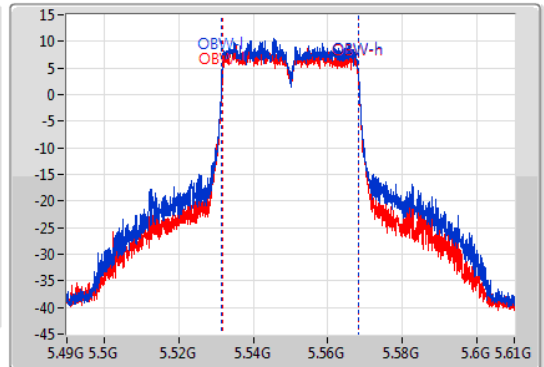
5550MHz

17/01/2020

CF
5.55GHz
Span
120MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.55GHz
Span
120MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



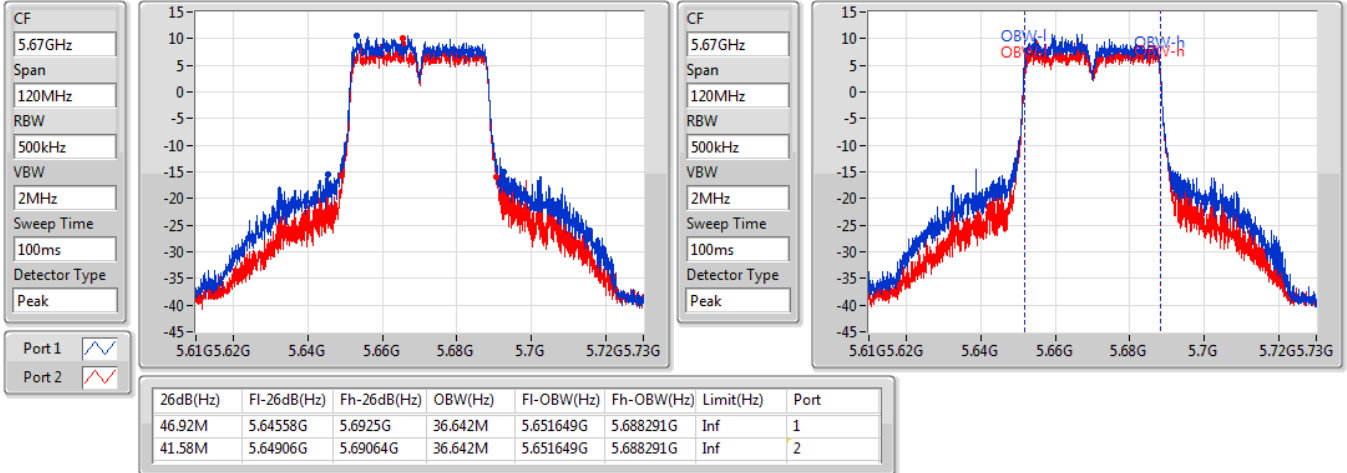
| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 42.06M | 5.529G | 5.57106G | 36.702M | 5.531589G | 5.568291G | Inf | 1 |
| 41.7M | 5.52918G | 5.57088G | 36.582M | 5.531649G | 5.568231G | Inf | 2 |

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5670MHz

17/01/2020

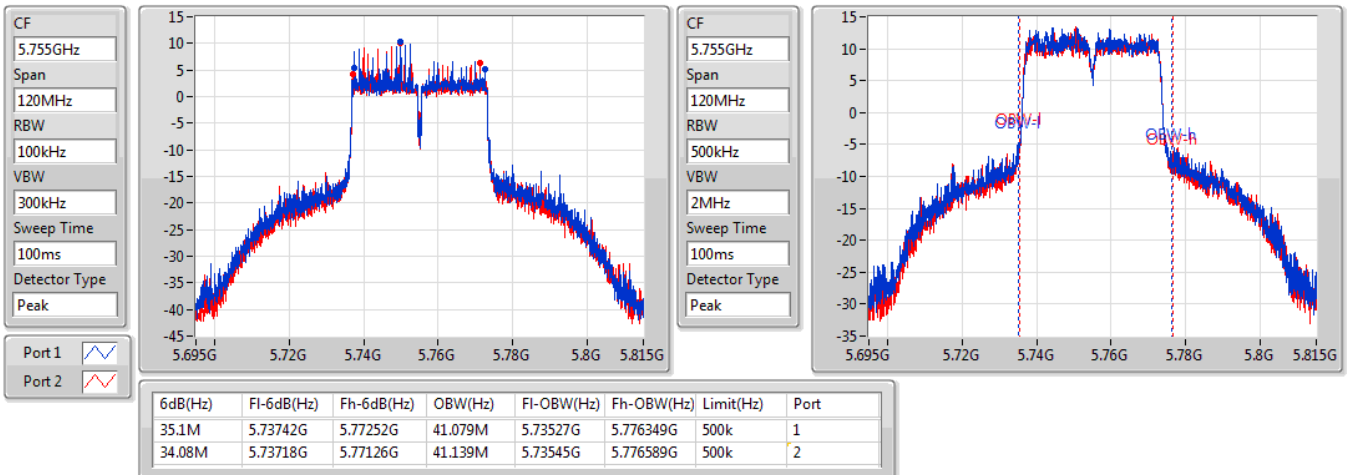


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5755MHz

17/01/2020



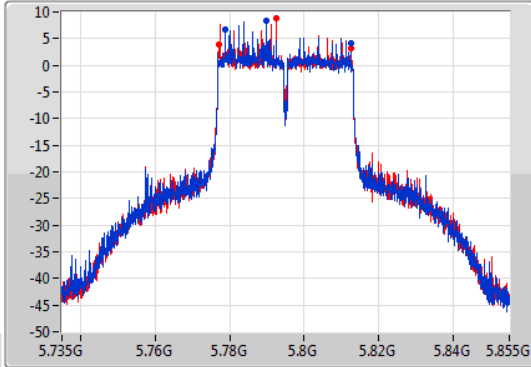
802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

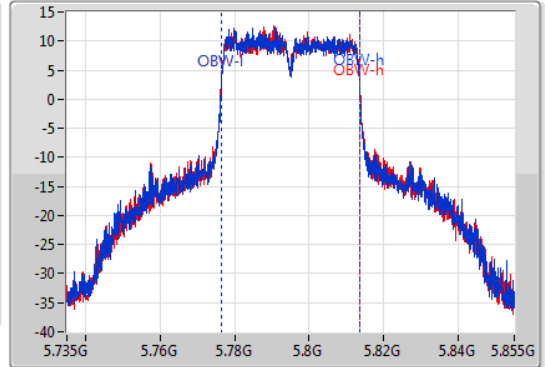
5795MHz

17/01/2020

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
Peak



| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 33.78M | 5.77874G | 5.81252G | 37.061M | 5.776409G | 5.813471G | 500k | 1 |
| 35.28M | 5.77718G | 5.81246G | 37.241M | 5.776409G | 5.813651G | 500k | 2 |

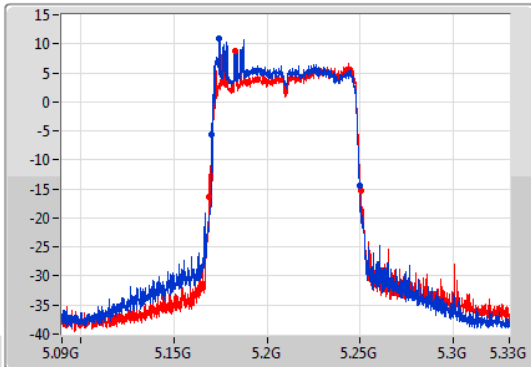
802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

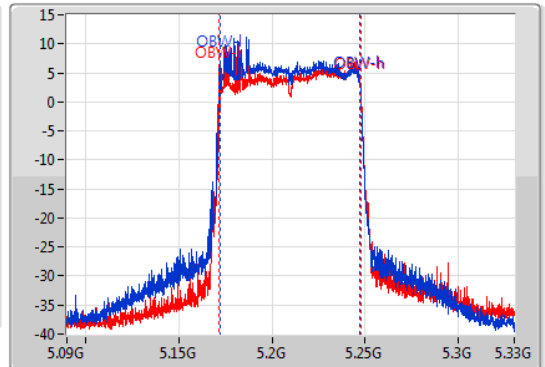
5210MHz

17/01/2020

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
Peak



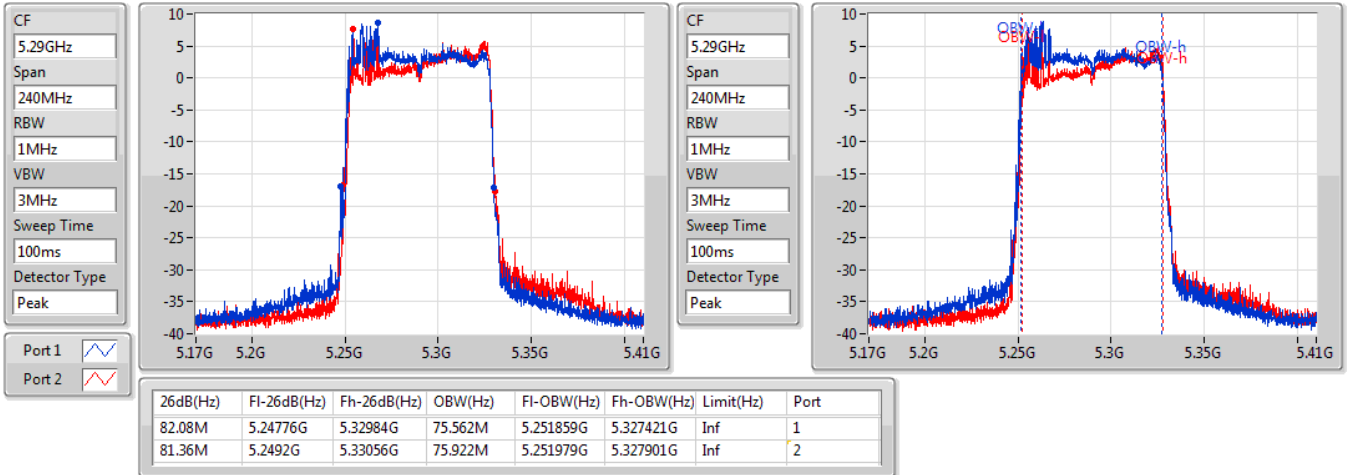
| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 79.56M | 5.17028G | 5.24984G | 75.442M | 5.171979G | 5.247421G | Inf | 1 |
| 81.48M | 5.16872G | 5.2502G | 76.042M | 5.171619G | 5.247661G | Inf | 2 |

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

5290MHz

17/01/2020

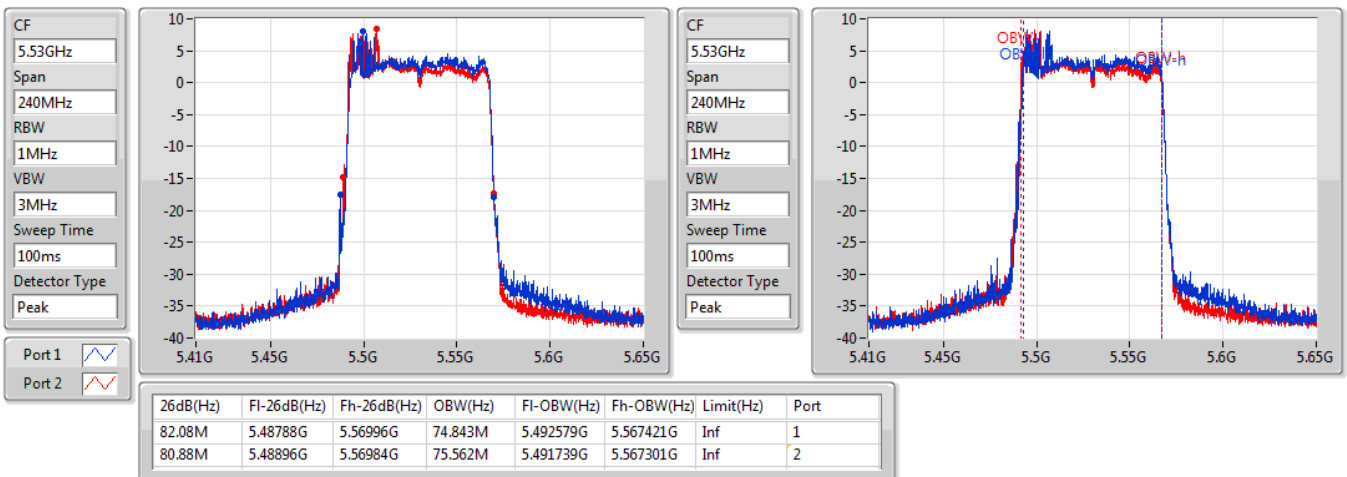


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

5530MHz

17/01/2020



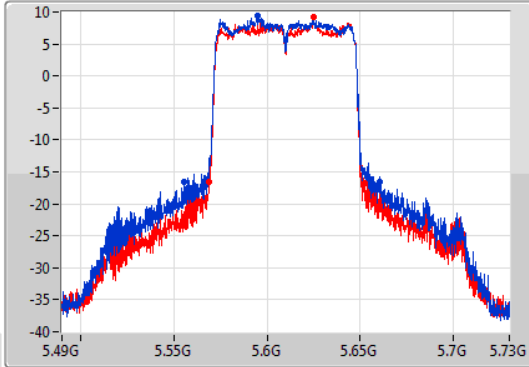
802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

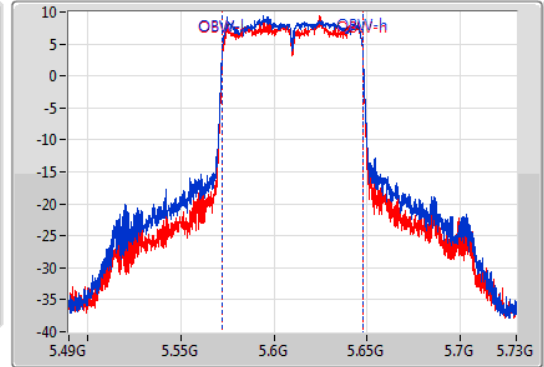
5610MHz

21/01/2020

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



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



| 26dB(Hz) | Fl-26dB(Hz) | Fh-26dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|----------|-------------|-------------|---------|------------|------------|-----------|------|
| 105.24M | 5.5554G | 5.66064G | 75.442M | 5.572219G | 5.647661G | Inf | 1 |
| 83.28M | 5.56896G | 5.65224G | 75.202M | 5.572459G | 5.647661G | Inf | 2 |

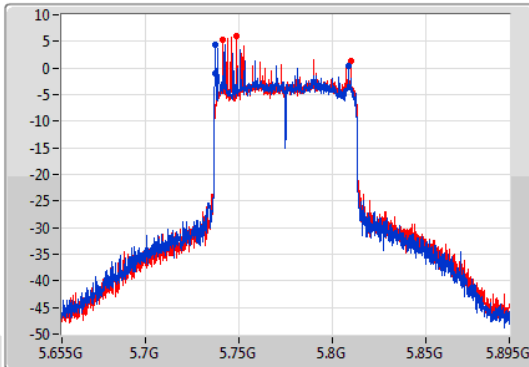
802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

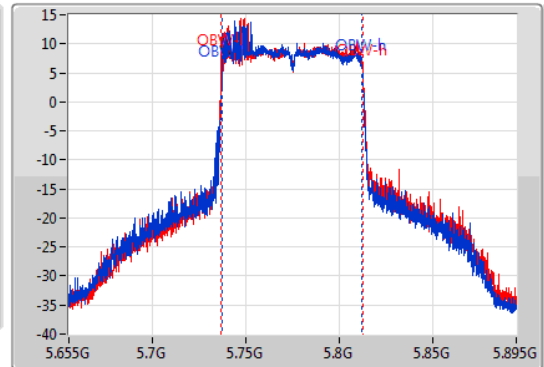
5775MHz

17/01/2020

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
Peak



| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 71.52M | 5.7372G | 5.80872G | 74.963M | 5.737459G | 5.812421G | 500k | 1 |
| 68.76M | 5.74116G | 5.80992G | 76.162M | 5.736619G | 5.812781G | 500k | 2 |



Summary

| Mode | Total Power (dBm) | Total Power (W) |
|--------------------------------|-------------------|-----------------|
| 5.15-5.25GHz | - | - |
| 802.11a_Nss1,(6Mbps)_2TX | 20.95 | 0.12445 |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | 21.24 | 0.13305 |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | 23.35 | 0.21627 |
| 802.11ac VHT80_Nss1,(MCS0)_2TX | 17.97 | 0.06266 |
| 5.25-5.35GHz | - | - |
| 802.11a_Nss1,(6Mbps)_2TX | 21.05 | 0.12735 |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | 21.06 | 0.12764 |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | 23.46 | 0.22182 |
| 802.11ac VHT80_Nss1,(MCS0)_2TX | 17.06 | 0.05082 |
| 5.47-5.725GHz | - | - |
| 802.11a_Nss1,(6Mbps)_2TX | 21.05 | 0.12735 |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | 21.20 | 0.13183 |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | 23.55 | 0.22646 |
| 802.11ac VHT80_Nss1,(MCS0)_2TX | 22.66 | 0.18450 |
| 5.725-5.85GHz | - | - |
| 802.11a_Nss1,(6Mbps)_2TX | 25.91 | 0.38994 |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | 26.15 | 0.41210 |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | 25.68 | 0.36983 |
| 802.11ac VHT80_Nss1,(MCS0)_2TX | 23.45 | 0.22131 |



Result

| Mode | Result | DG (dBi) | Port 1 (dBm) | Port 2 (dBm) | Total Power (dBm) | Power Limit (dBm) |
|--------------------------------|--------|----------|--------------|--------------|-------------------|-------------------|
| 802.11a_Nss1,(6Mbps)_2TX | - | - | - | - | - | - |
| 5180MHz | Pass | 6.00 | 17.84 | 17.65 | 20.76 | 23.98 |
| 5200MHz | Pass | 6.00 | 18.06 | 17.82 | 20.95 | 23.98 |
| 5240MHz | Pass | 6.00 | 17.67 | 17.79 | 20.74 | 23.98 |
| 5260MHz | Pass | 6.00 | 18.09 | 17.98 | 21.05 | 23.98 |
| 5300MHz | Pass | 6.00 | 17.90 | 17.52 | 20.72 | 23.98 |
| 5320MHz | Pass | 6.00 | 17.81 | 17.93 | 20.88 | 23.98 |
| 5500MHz | Pass | 6.00 | 17.92 | 18.01 | 20.98 | 23.98 |
| 5580MHz | Pass | 6.00 | 17.89 | 18.19 | 21.05 | 23.98 |
| 5700MHz | Pass | 6.00 | 18.23 | 17.28 | 20.79 | 23.98 |
| 5745MHz | Pass | 6.00 | 23.08 | 22.71 | 25.91 | 30.00 |
| 5785MHz | Pass | 6.00 | 22.27 | 21.73 | 25.02 | 30.00 |
| 5825MHz | Pass | 6.00 | 22.84 | 22.65 | 25.76 | 30.00 |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | - | - | - | - | - | - |
| 5180MHz | Pass | 6.00 | 18.16 | 18.02 | 21.10 | 23.98 |
| 5200MHz | Pass | 6.00 | 18.27 | 17.97 | 21.13 | 23.98 |
| 5240MHz | Pass | 6.00 | 18.34 | 18.11 | 21.24 | 23.98 |
| 5260MHz | Pass | 6.00 | 18.17 | 17.92 | 21.06 | 23.98 |
| 5300MHz | Pass | 6.00 | 17.80 | 17.66 | 20.74 | 23.98 |
| 5320MHz | Pass | 6.00 | 17.97 | 17.94 | 20.97 | 23.98 |
| 5500MHz | Pass | 6.00 | 18.17 | 18.21 | 21.20 | 23.98 |
| 5580MHz | Pass | 6.00 | 18.12 | 18.20 | 21.17 | 23.98 |
| 5700MHz | Pass | 6.00 | 16.35 | 15.23 | 18.84 | 23.98 |
| 5745MHz | Pass | 6.00 | 23.48 | 22.76 | 26.15 | 30.00 |
| 5785MHz | Pass | 6.00 | 22.93 | 22.74 | 25.85 | 30.00 |
| 5825MHz | Pass | 6.00 | 22.91 | 22.58 | 25.76 | 30.00 |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | - | - | - | - | - | - |
| 5190MHz | Pass | 6.00 | 16.18 | 15.86 | 19.03 | 23.98 |
| 5230MHz | Pass | 6.00 | 20.53 | 20.14 | 23.35 | 23.98 |
| 5270MHz | Pass | 6.00 | 20.61 | 20.28 | 23.46 | 23.98 |
| 5310MHz | Pass | 6.00 | 14.65 | 14.70 | 17.69 | 23.98 |
| 5510MHz | Pass | 6.00 | 13.64 | 13.77 | 16.72 | 23.98 |
| 5550MHz | Pass | 6.00 | 20.46 | 20.61 | 23.55 | 23.98 |
| 5670MHz | Pass | 6.00 | 19.63 | 19.57 | 22.61 | 23.98 |
| 5755MHz | Pass | 6.00 | 21.65 | 20.52 | 24.13 | 30.00 |
| 5795MHz | Pass | 6.00 | 22.84 | 22.49 | 25.68 | 30.00 |
| 802.11ac VHT80_Nss1,(MCS0)_2TX | - | - | - | - | - | - |
| 5210MHz | Pass | 6.00 | 14.68 | 15.23 | 17.97 | 23.98 |
| 5290MHz | Pass | 6.00 | 14.06 | 14.03 | 17.06 | 23.98 |
| 5530MHz | Pass | 6.00 | 13.63 | 14.18 | 16.92 | 23.98 |
| 5610MHz | Pass | 6.00 | 19.52 | 19.77 | 22.66 | 23.98 |
| 5775MHz | Pass | 6.00 | 20.79 | 20.05 | 23.45 | 30.00 |

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



Summary

| Mode | Total Power (dBm) | Total Power (W) |
|-----------------------------------|-------------------|-----------------|
| 5.15-5.25GHz | - | - |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 20.96 | 0.12474 |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 20.72 | 0.11803 |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 17.82 | 0.06053 |
| 5.25-5.35GHz | - | - |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 20.88 | 0.12246 |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 20.79 | 0.11995 |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 15.41 | 0.03475 |
| 5.47-5.725GHz | - | - |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 20.36 | 0.10864 |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 20.26 | 0.10617 |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 20.32 | 0.10765 |
| 5.725-5.85GHz | - | - |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 23.26 | 0.21184 |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 23.17 | 0.20749 |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 21.22 | 0.13243 |



Result

| Mode | Result | DG (dBi) | Port 1 (dBm) | Port 2 (dBm) | Total Power (dBm) | Power Limit (dBm) |
|-----------------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | - | - | - | - | - | - |
| 5180MHz | Pass | 9.01 | 18.16 | 17.38 | 20.80 | 20.97 |
| 5200MHz | Pass | 9.01 | 17.87 | 16.45 | 20.23 | 20.97 |
| 5240MHz | Pass | 9.01 | 18.43 | 17.42 | 20.96 | 20.97 |
| 5260MHz | Pass | 9.01 | 17.92 | 17.55 | 20.75 | 20.97 |
| 5300MHz | Pass | 9.01 | 18.29 | 16.98 | 20.69 | 20.97 |
| 5320MHz | Pass | 9.01 | 18.29 | 17.41 | 20.88 | 20.97 |
| 5500MHz | Pass | 9.01 | 17.51 | 16.95 | 20.25 | 20.97 |
| 5580MHz | Pass | 9.01 | 17.75 | 16.91 | 20.36 | 20.97 |
| 5700MHz | Pass | 9.01 | 15.05 | 14.46 | 17.78 | 20.97 |
| 5745MHz | Pass | 9.01 | 20.35 | 20.15 | 23.26 | 30.00 |
| 5785MHz | Pass | 9.01 | 19.79 | 19.08 | 22.46 | 30.00 |
| 5825MHz | Pass | 9.01 | 18.42 | 18.73 | 21.59 | 30.00 |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | - | - | - | - | - | - |
| 5190MHz | Pass | 9.01 | 15.16 | 14.68 | 17.94 | 20.97 |
| 5230MHz | Pass | 9.01 | 17.83 | 17.58 | 20.72 | 20.97 |
| 5270MHz | Pass | 9.01 | 18.53 | 16.86 | 20.79 | 20.97 |
| 5310MHz | Pass | 9.01 | 13.08 | 12.32 | 15.73 | 20.97 |
| 5510MHz | Pass | 9.01 | 12.80 | 12.31 | 15.57 | 20.97 |
| 5550MHz | Pass | 9.01 | 17.83 | 16.58 | 20.26 | 20.97 |
| 5670MHz | Pass | 9.01 | 17.79 | 16.50 | 20.20 | 20.97 |
| 5755MHz | Pass | 9.01 | 20.03 | 20.28 | 23.17 | 30.00 |
| 5795MHz | Pass | 9.01 | 18.91 | 19.58 | 22.27 | 30.00 |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | - | - | - | - | - | - |
| 5210MHz | Pass | 9.01 | 15.22 | 14.35 | 17.82 | 20.97 |
| 5290MHz | Pass | 9.01 | 12.85 | 11.89 | 15.41 | 20.97 |
| 5530MHz | Pass | 9.01 | 12.73 | 12.08 | 15.43 | 20.97 |
| 5610MHz | Pass | 9.01 | 17.46 | 17.15 | 20.32 | 20.97 |
| 5775MHz | Pass | 9.01 | 18.18 | 18.24 | 21.22 | 30.00 |

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



Summary

| Mode | PD (dBm/RBW) |
|--------------------------------|-----------------|
| 5.15-5.25GHz | - |
| 802.11a_Nss1,(6Mbps)_2TX | 7.90 |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | 7.85 |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | 7.13 |
| 802.11ac VHT80_Nss1,(MCS0)_2TX | -0.60 |
| 5.25-5.35GHz | - |
| 802.11a_Nss1,(6Mbps)_2TX | 7.93 |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | 7.72 |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | 7.04 |
| 802.11ac VHT80_Nss1,(MCS0)_2TX | -2.06 |
| 5.47-5.725GHz | - |
| 802.11a_Nss1,(6Mbps)_2TX | 7.96 |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | 7.72 |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | 6.97 |
| 802.11ac VHT80_Nss1,(MCS0)_2TX | 3.47 |
| 5.725-5.85GHz | - |
| 802.11a_Nss1,(6Mbps)_2TX | 11.08 |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | 10.81 |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | 7.39 |
| 802.11ac VHT80_Nss1,(MCS0)_2TX | 2.53 |

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

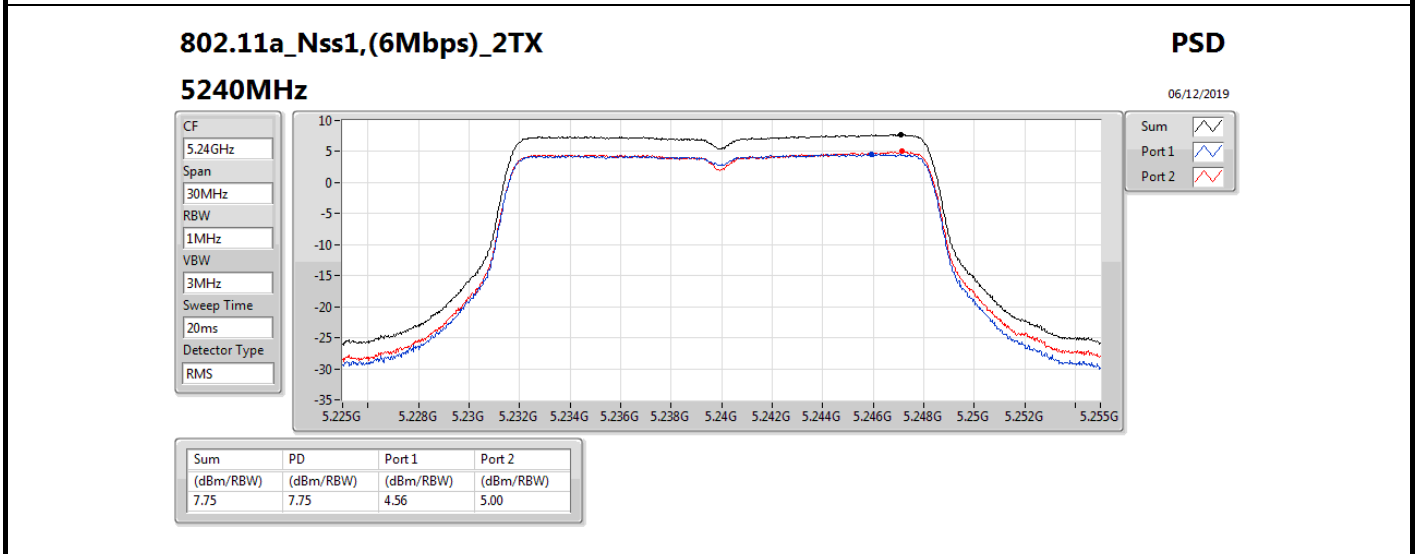
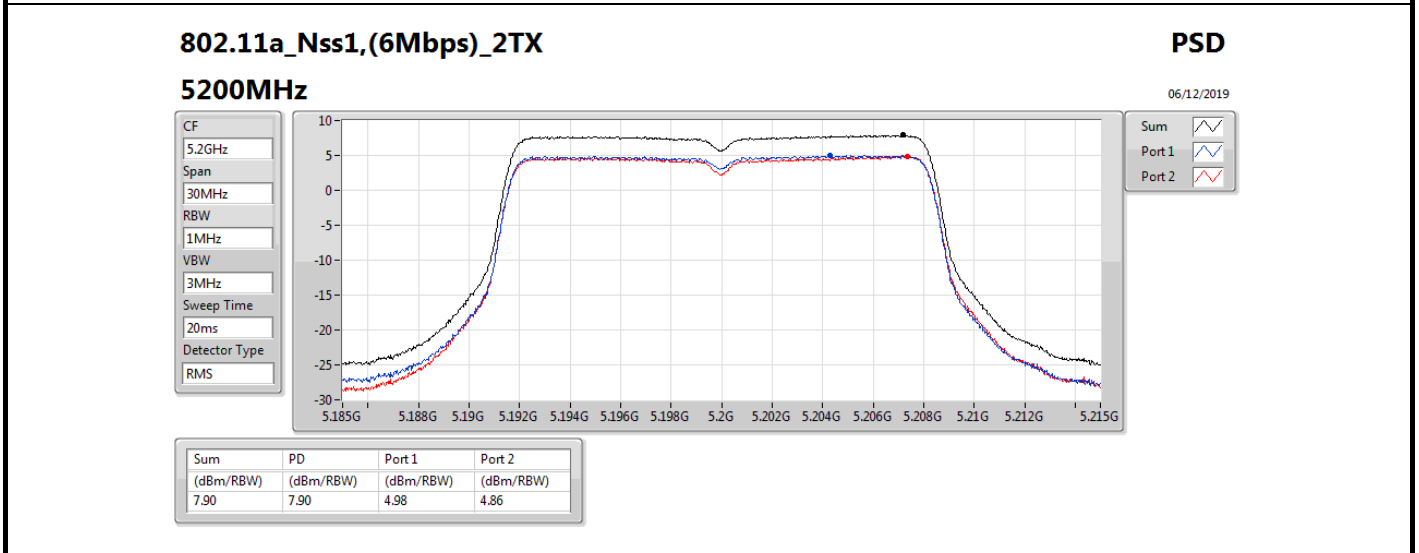
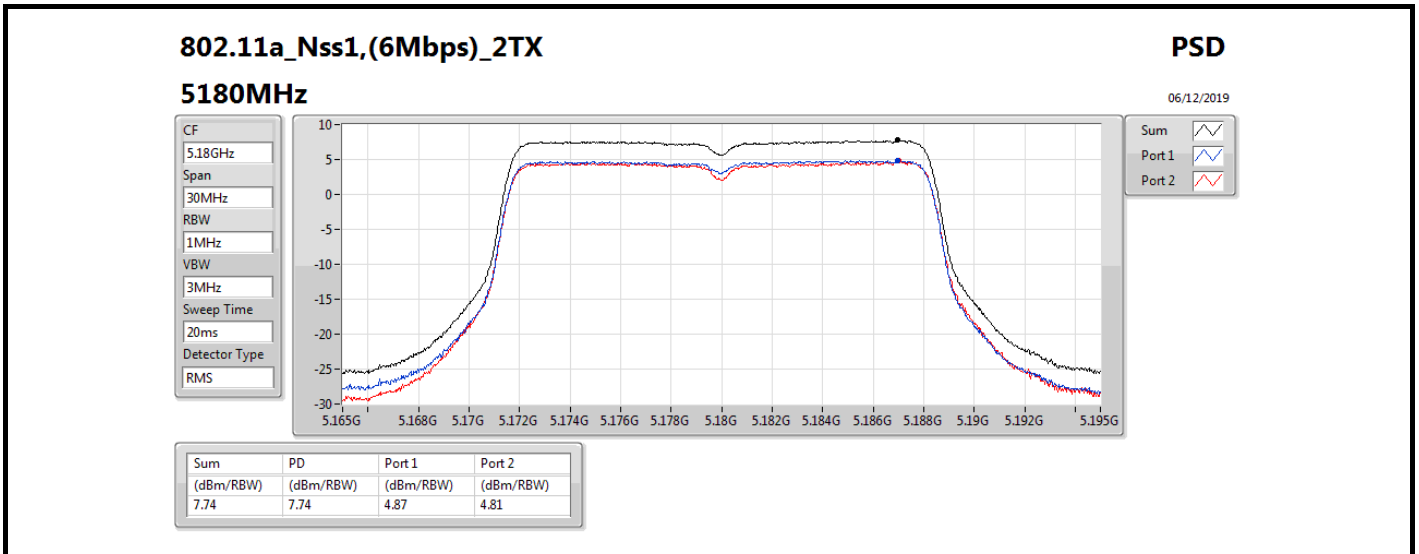


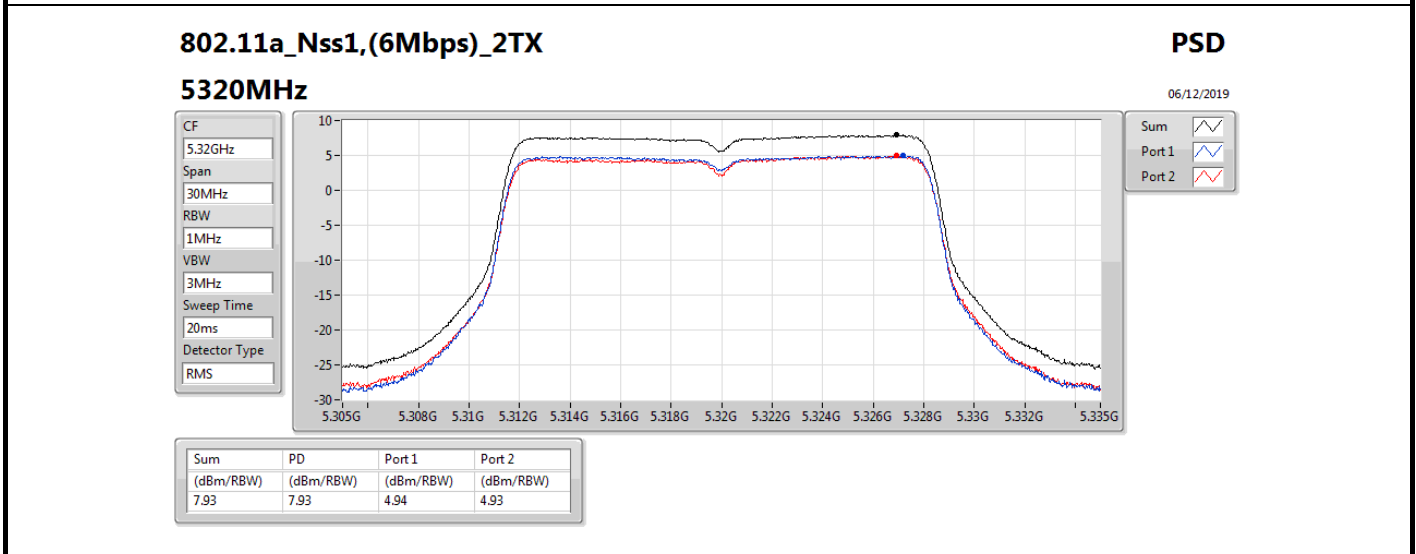
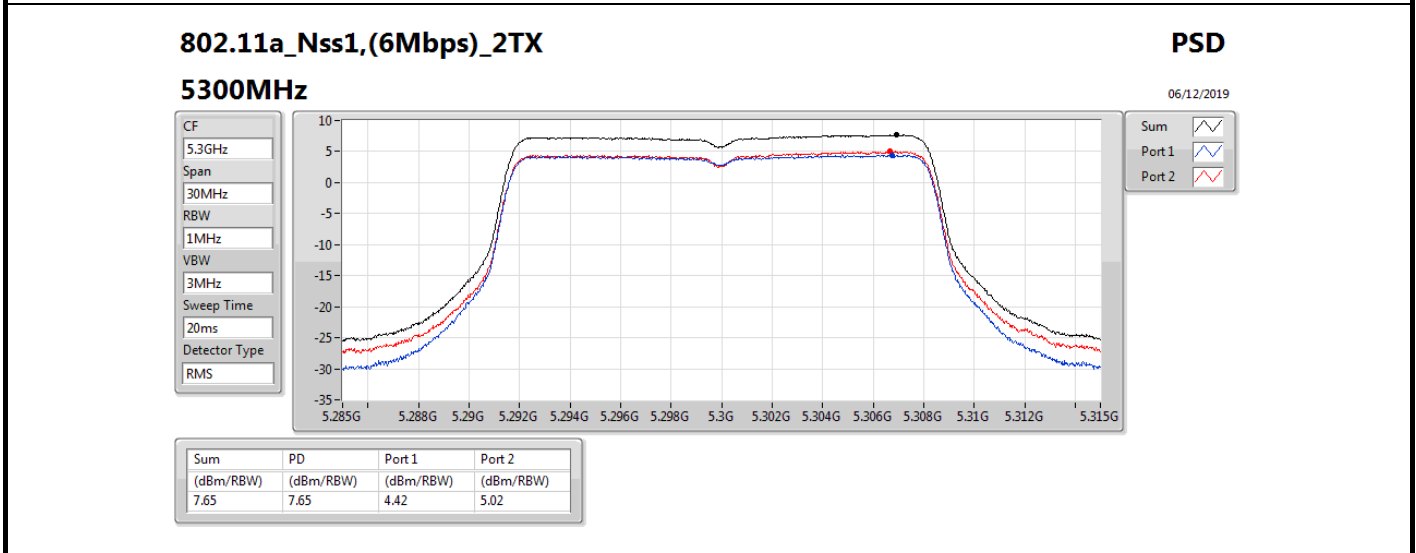
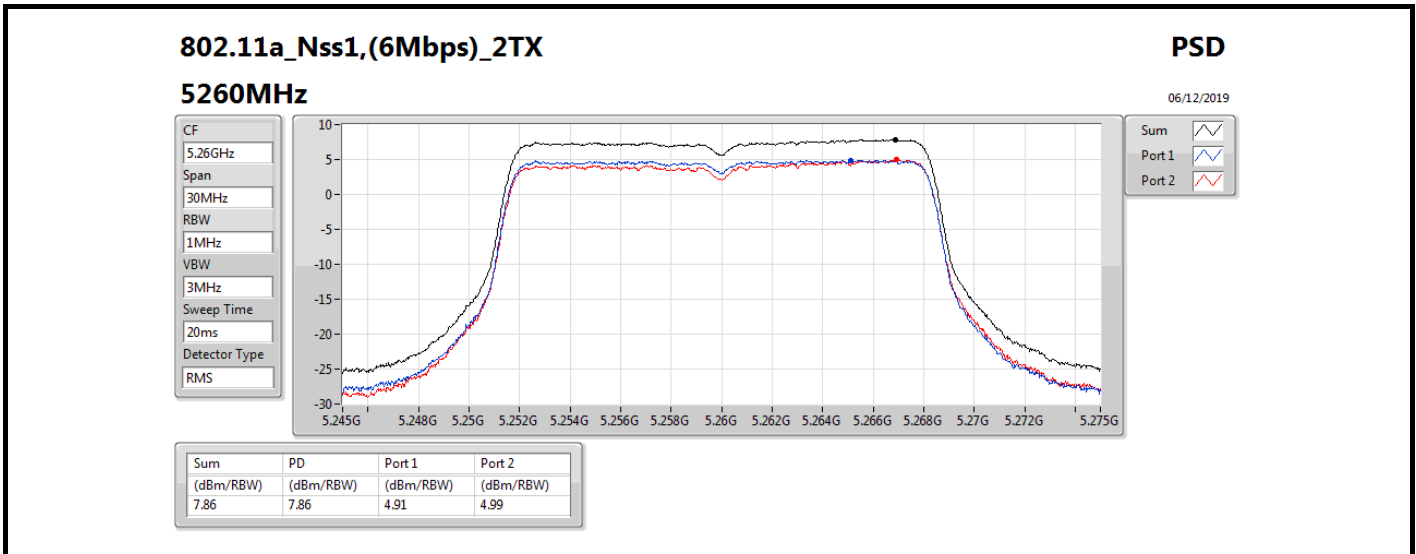
Result

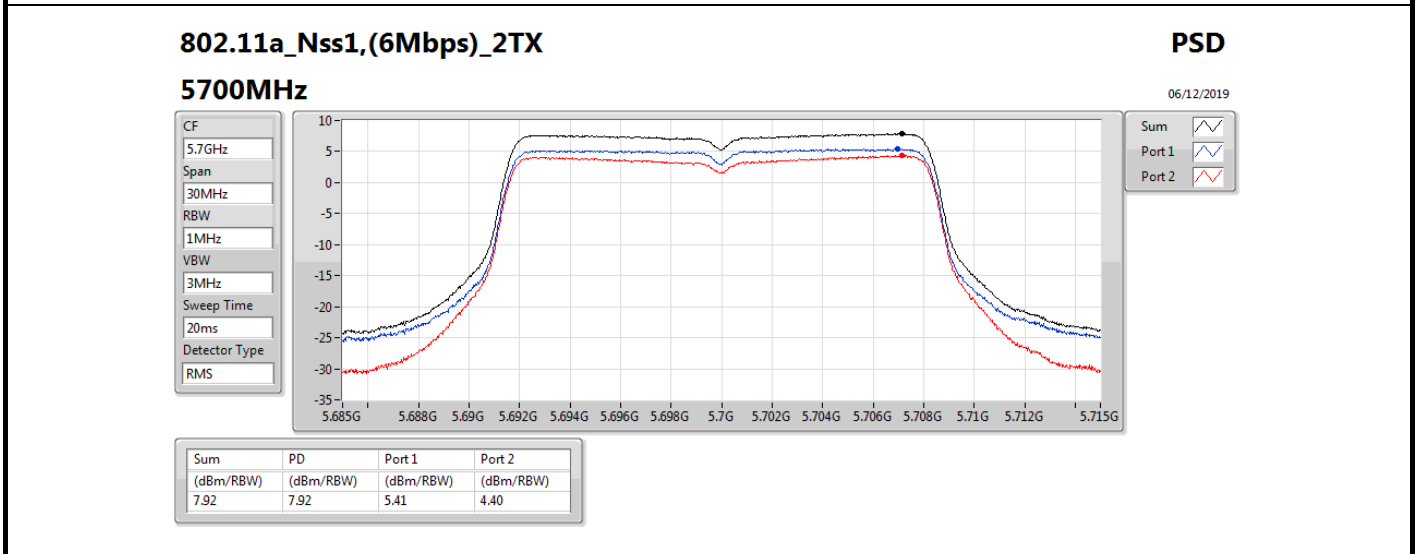
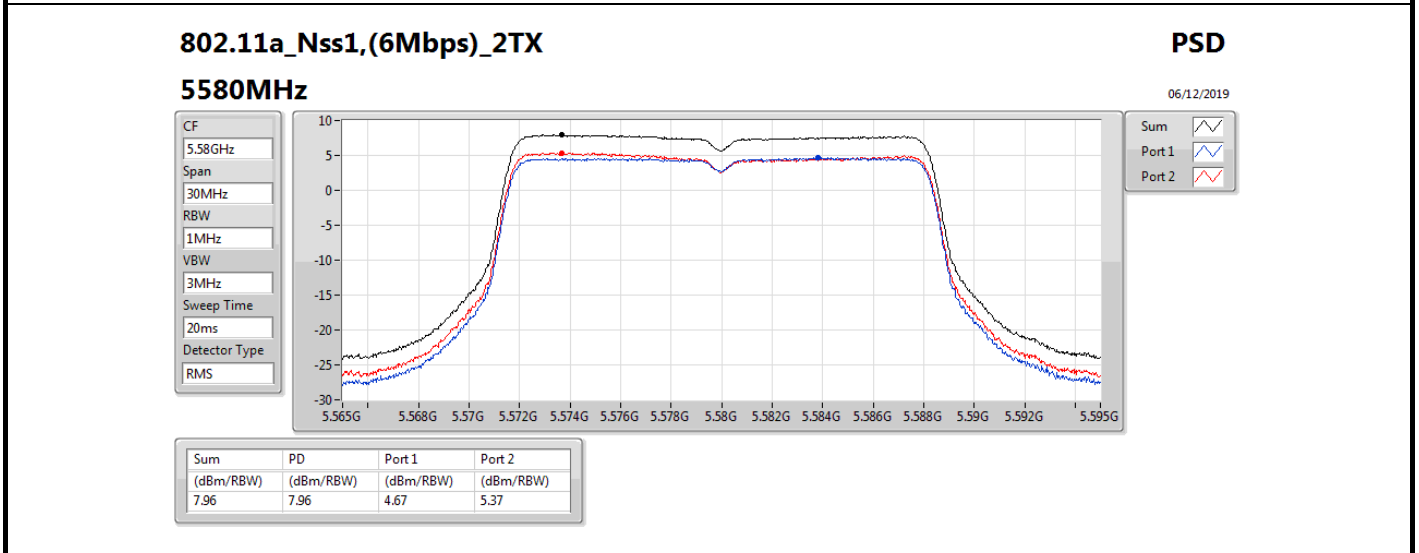
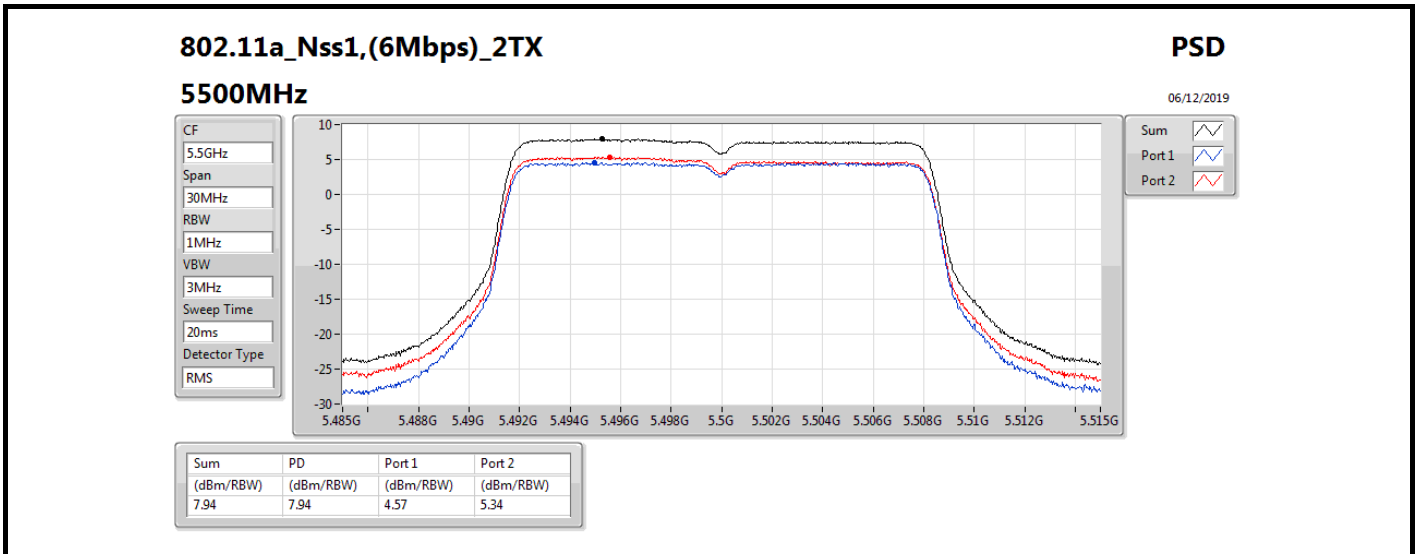
| Mode | Result | DG (dBi) | Port 1 (dBm/RBW) | Port 2 (dBm/RBW) | PD (dBm/RBW) | PD Limit (dBm/RBW) |
|--------------------------------|--------|-------------|---------------------|---------------------|-----------------|-----------------------|
| 802.11a_Nss1,(6Mbps)_2TX | - | - | - | - | - | - |
| 5180MHz | Pass | 9.01 | 4.87 | 4.81 | 7.74 | 7.99 |
| 5200MHz | Pass | 9.01 | 4.98 | 4.86 | 7.90 | 7.99 |
| 5240MHz | Pass | 9.01 | 4.56 | 5.00 | 7.75 | 7.99 |
| 5260MHz | Pass | 9.01 | 4.91 | 4.99 | 7.86 | 7.99 |
| 5300MHz | Pass | 9.01 | 4.42 | 5.02 | 7.65 | 7.99 |
| 5320MHz | Pass | 9.01 | 4.94 | 4.93 | 7.93 | 7.99 |
| 5500MHz | Pass | 9.01 | 4.57 | 5.34 | 7.94 | 7.99 |
| 5580MHz | Pass | 9.01 | 4.67 | 5.37 | 7.96 | 7.99 |
| 5700MHz | Pass | 9.01 | 5.41 | 4.40 | 7.92 | 7.99 |
| 5745MHz | Pass | 9.01 | 8.30 | 8.00 | 11.08 | 30.00 |
| 5785MHz | Pass | 9.01 | 7.61 | 7.30 | 10.46 | 30.00 |
| 5825MHz | Pass | 9.01 | 8.00 | 7.74 | 10.84 | 30.00 |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | - | - | - | - | - | - |
| 5180MHz | Pass | 9.01 | 4.46 | 4.65 | 7.55 | 7.99 |
| 5200MHz | Pass | 9.01 | 4.75 | 4.73 | 7.69 | 7.99 |
| 5240MHz | Pass | 9.01 | 4.83 | 4.94 | 7.85 | 7.99 |
| 5260MHz | Pass | 9.01 | 4.62 | 4.86 | 7.72 | 7.99 |
| 5300MHz | Pass | 9.01 | 4.34 | 4.38 | 7.35 | 7.99 |
| 5320MHz | Pass | 9.01 | 4.50 | 4.52 | 7.50 | 7.99 |
| 5500MHz | Pass | 9.01 | 4.57 | 4.92 | 7.72 | 7.99 |
| 5580MHz | Pass | 9.01 | 4.55 | 5.05 | 7.69 | 7.99 |
| 5700MHz | Pass | 9.01 | 3.06 | 1.97 | 5.51 | 7.99 |
| 5745MHz | Pass | 9.01 | 8.04 | 7.66 | 10.81 | 30.00 |
| 5785MHz | Pass | 9.01 | 7.75 | 7.73 | 10.74 | 30.00 |
| 5825MHz | Pass | 9.01 | 7.59 | 7.19 | 10.32 | 30.00 |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | - | - | - | - | - | - |
| 5190MHz | Pass | 9.01 | -0.38 | 0.06 | 2.83 | 7.99 |
| 5230MHz | Pass | 9.01 | 4.04 | 4.19 | 7.13 | 7.99 |
| 5270MHz | Pass | 9.01 | 4.08 | 4.05 | 7.04 | 7.99 |
| 5310MHz | Pass | 9.01 | -1.79 | -1.68 | 1.23 | 7.99 |
| 5510MHz | Pass | 9.01 | -2.95 | -2.52 | 0.25 | 7.99 |
| 5550MHz | Pass | 9.01 | 4.01 | 4.19 | 6.97 | 7.99 |
| 5670MHz | Pass | 9.01 | 3.36 | 3.23 | 6.12 | 7.99 |
| 5755MHz | Pass | 9.01 | 3.73 | 2.57 | 6.12 | 30.00 |
| 5795MHz | Pass | 9.01 | 4.61 | 4.26 | 7.39 | 30.00 |
| 802.11ac VHT80_Nss1,(MCS0)_2TX | - | - | - | - | - | - |
| 5210MHz | Pass | 9.01 | -3.43 | -2.64 | -0.60 | 7.99 |
| 5290MHz | Pass | 9.01 | -4.53 | -4.89 | -2.06 | 7.99 |
| 5530MHz | Pass | 9.01 | -3.86 | -4.91 | -2.35 | 7.99 |
| 5610MHz | Pass | 9.01 | 0.41 | 0.78 | 3.47 | 7.99 |
| 5775MHz | Pass | 9.01 | -0.01 | -0.80 | 2.53 | 30.00 |

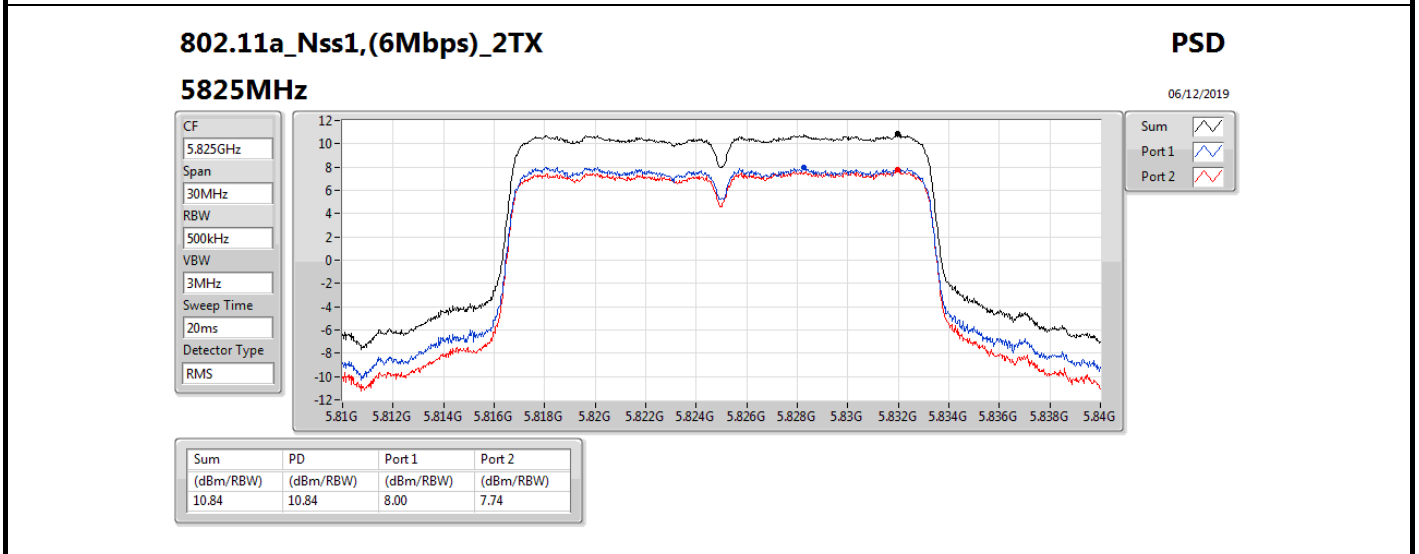
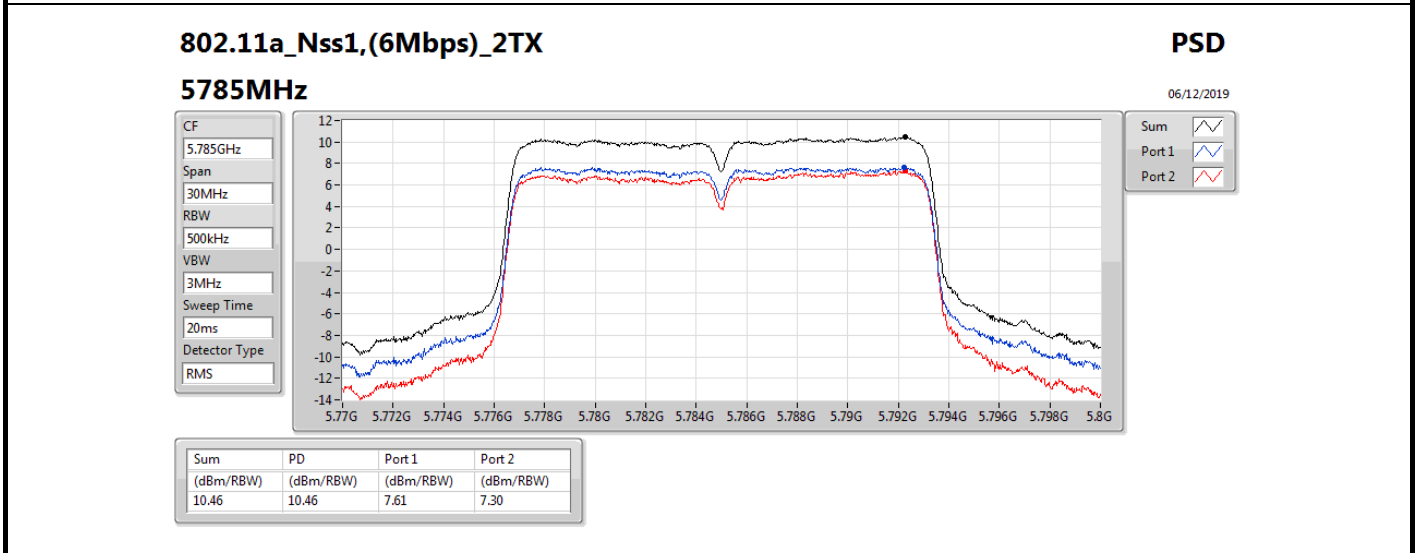
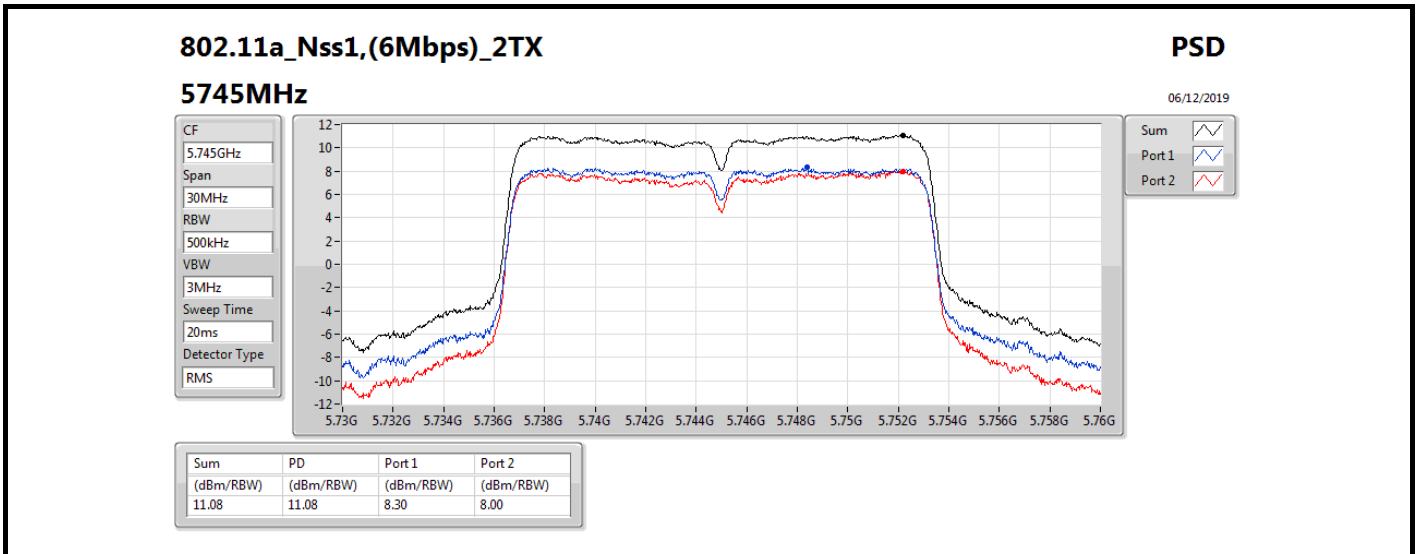
DG = Directional Gain; RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

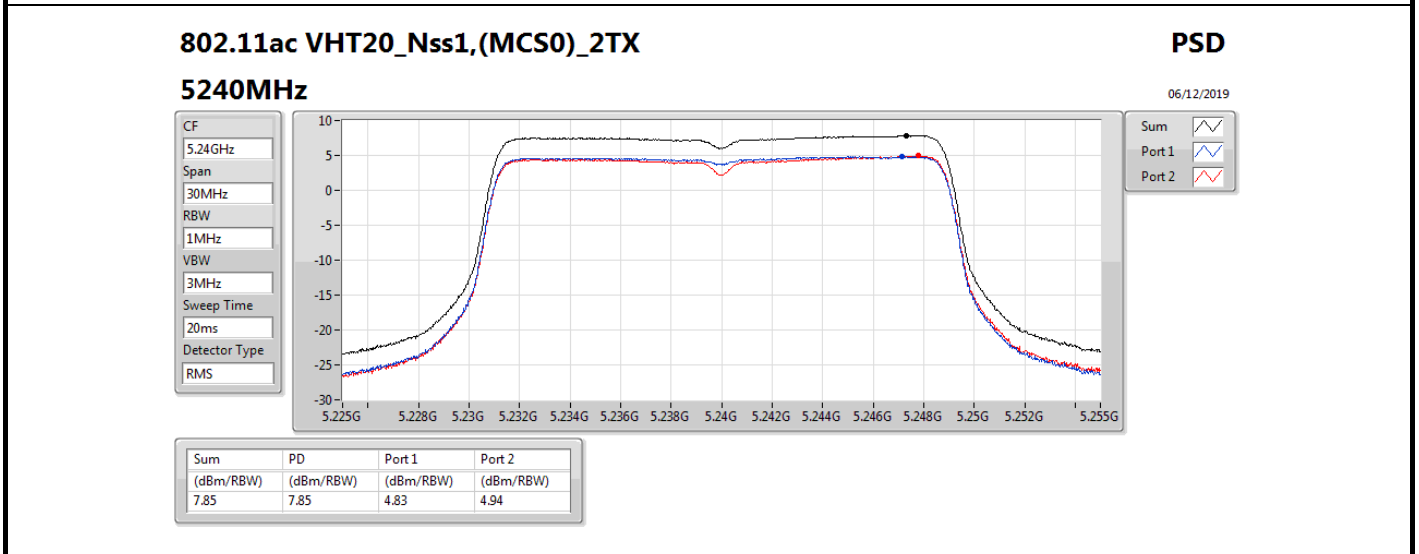
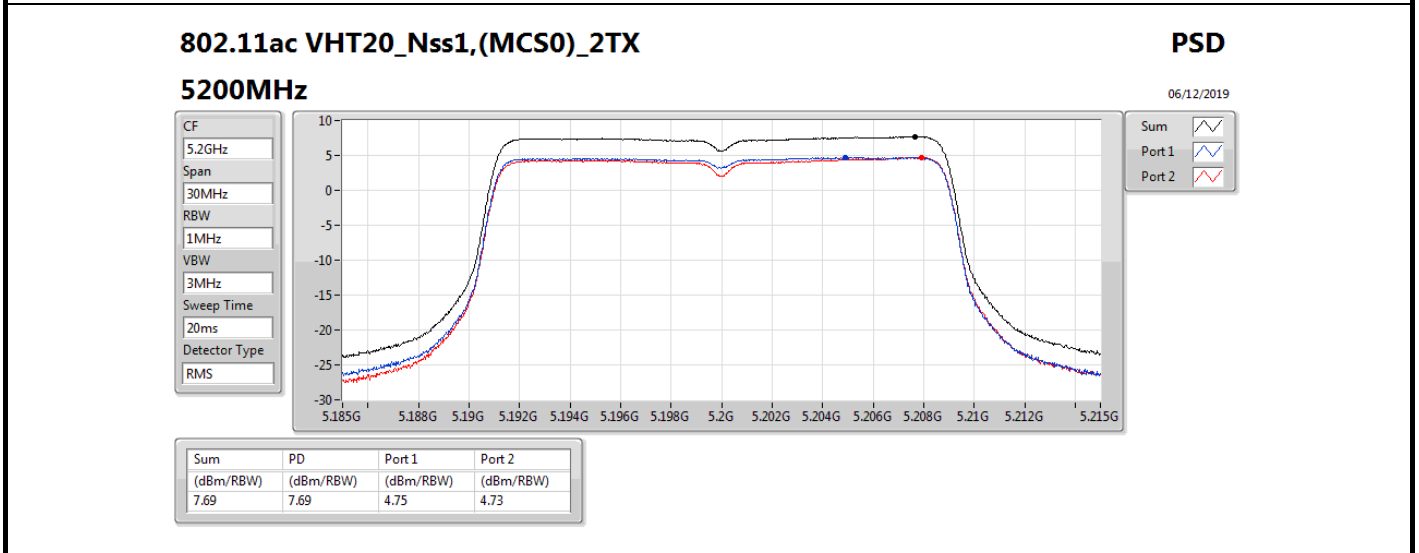
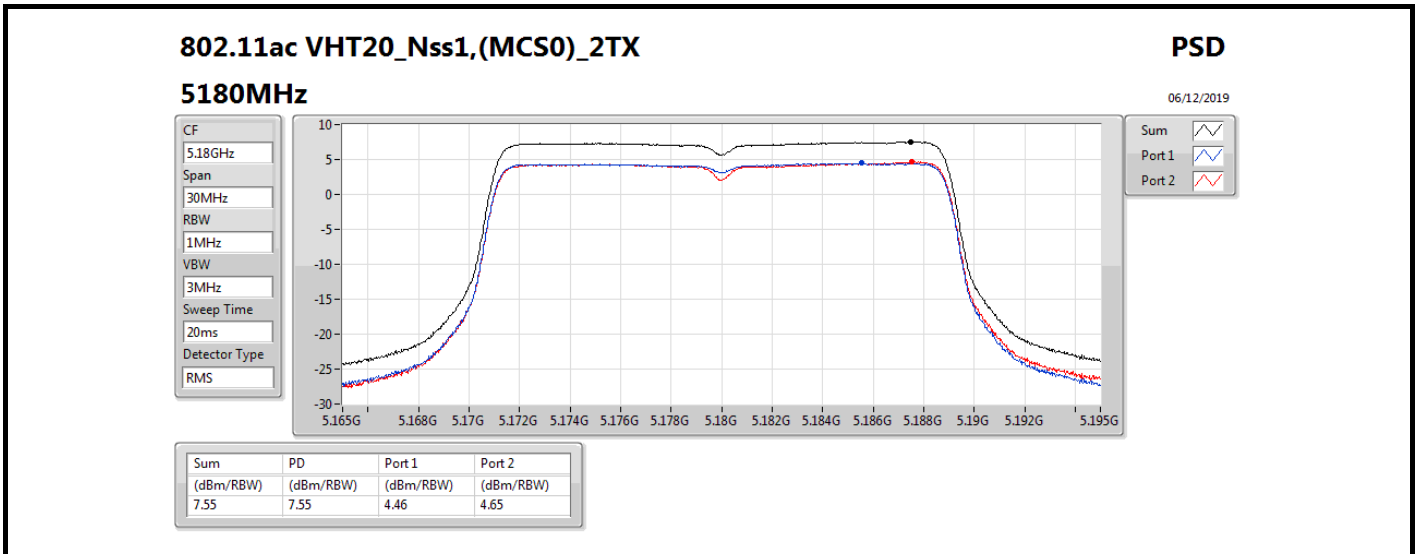
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X power density;











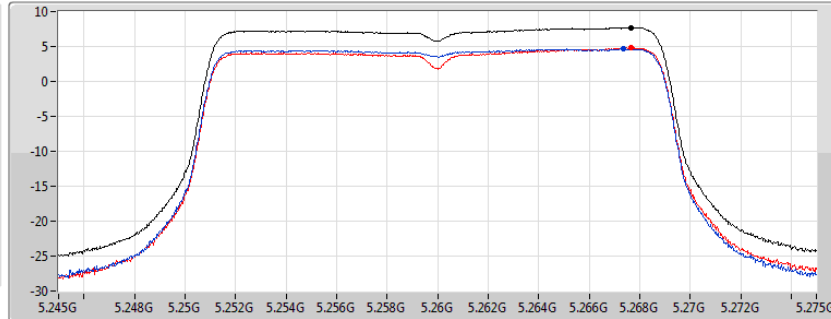
802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5260MHz

06/12/2019

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



Sum
Port 1
Port 2

| Sum | PD | Port 1 | Port 2 |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 7.72 | 7.72 | 4.62 | 4.86 |

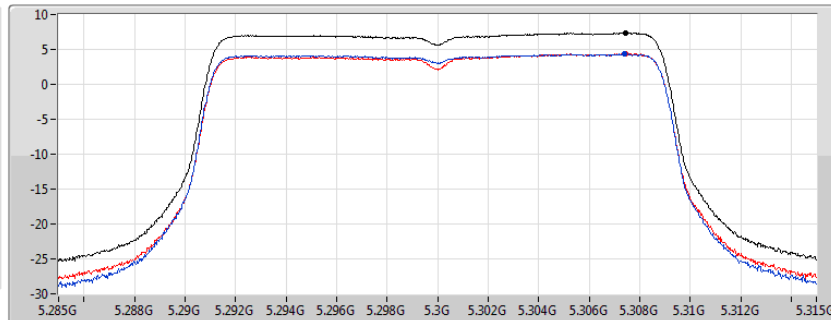
802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5300MHz

06/12/2019

CF
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

| Sum | PD | Port 1 | Port 2 |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 7.35 | 7.35 | 4.34 | 4.38 |

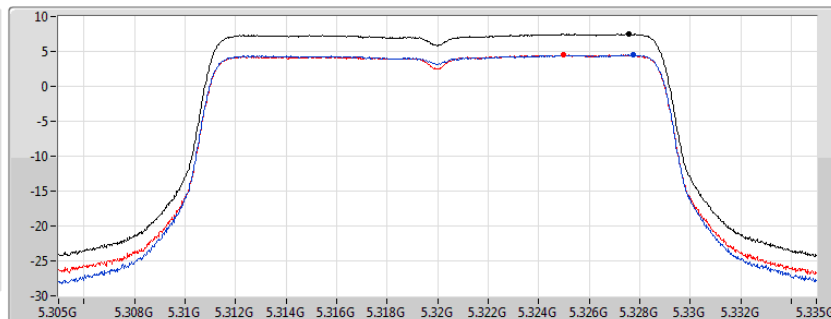
802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5320MHz

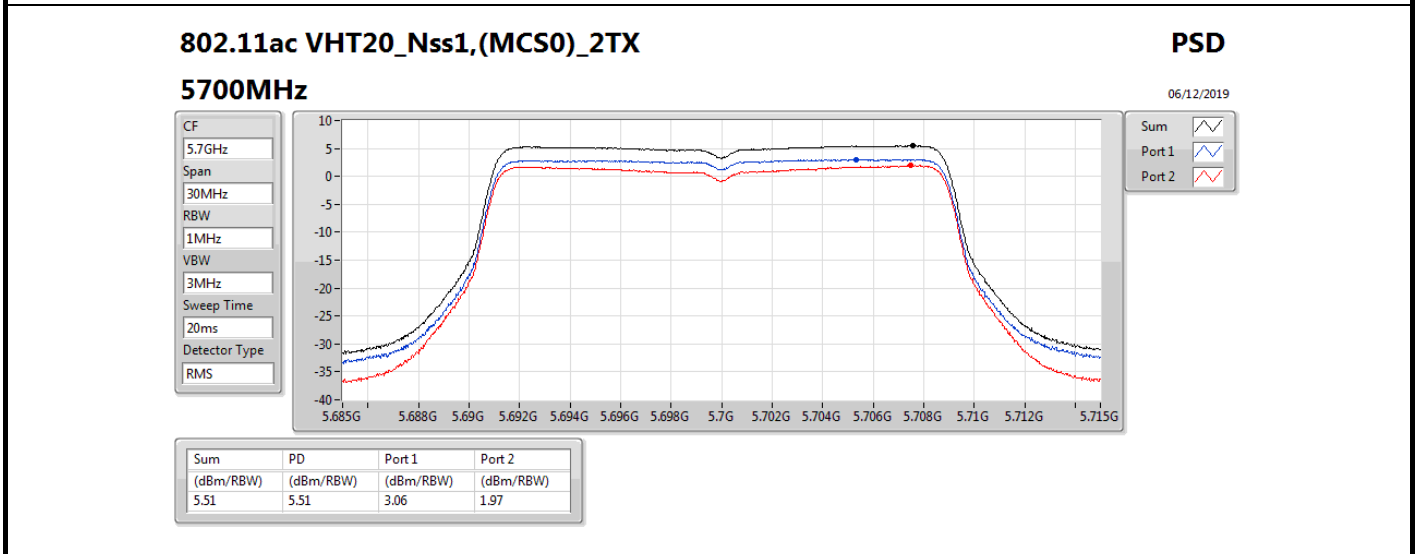
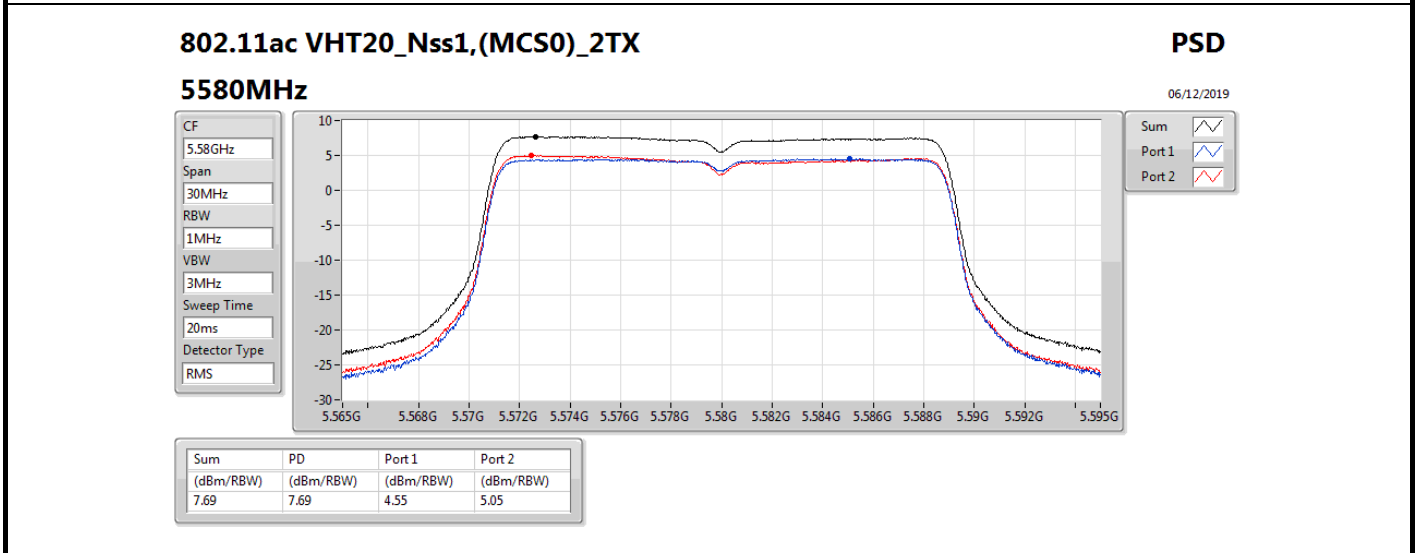
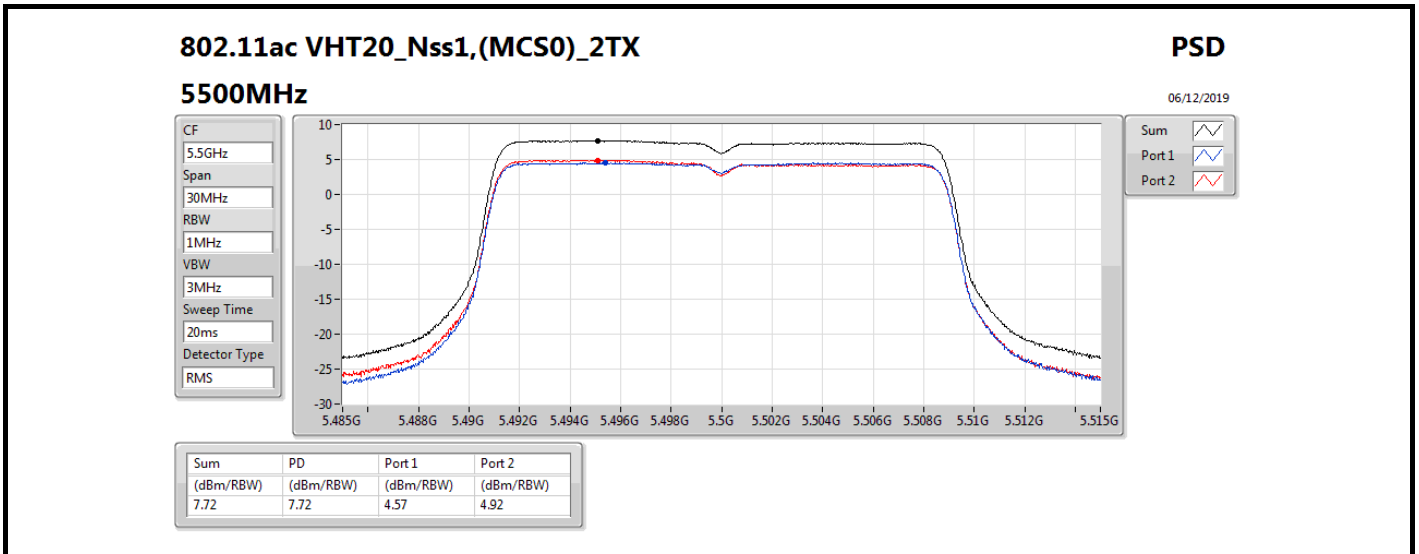
06/12/2019

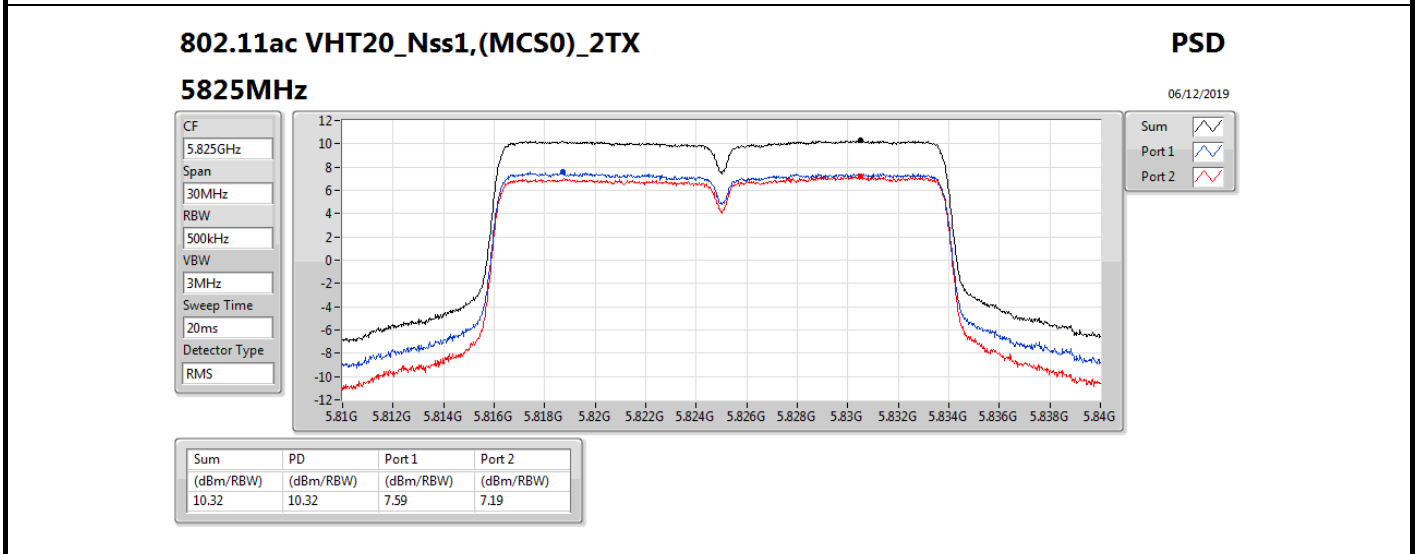
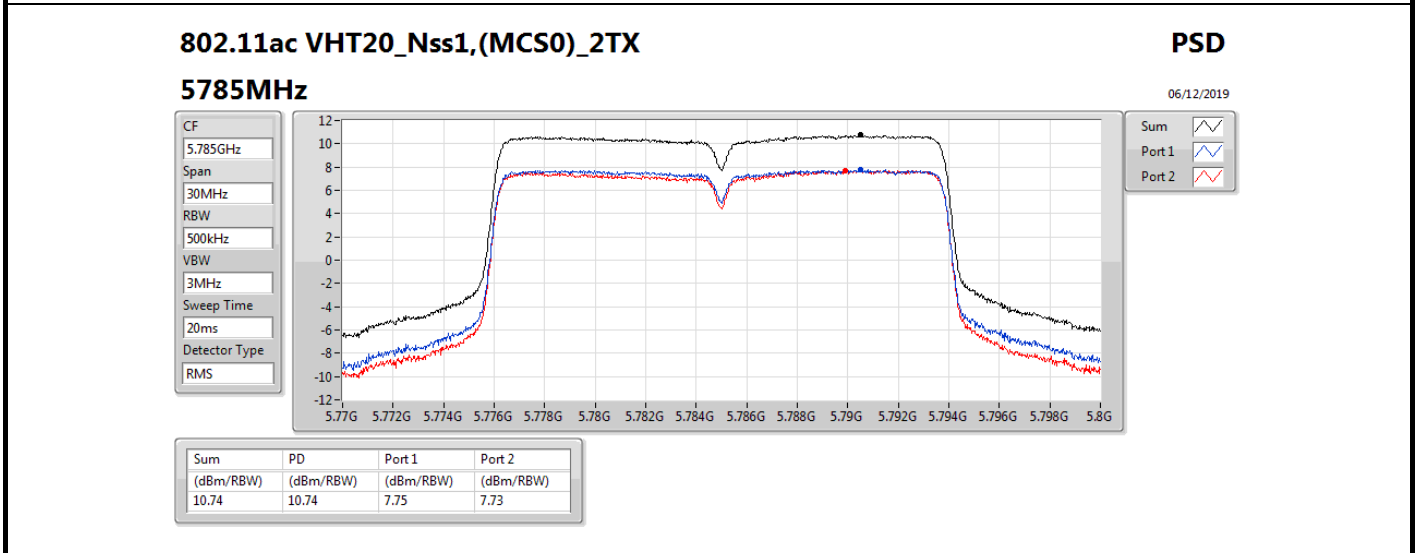
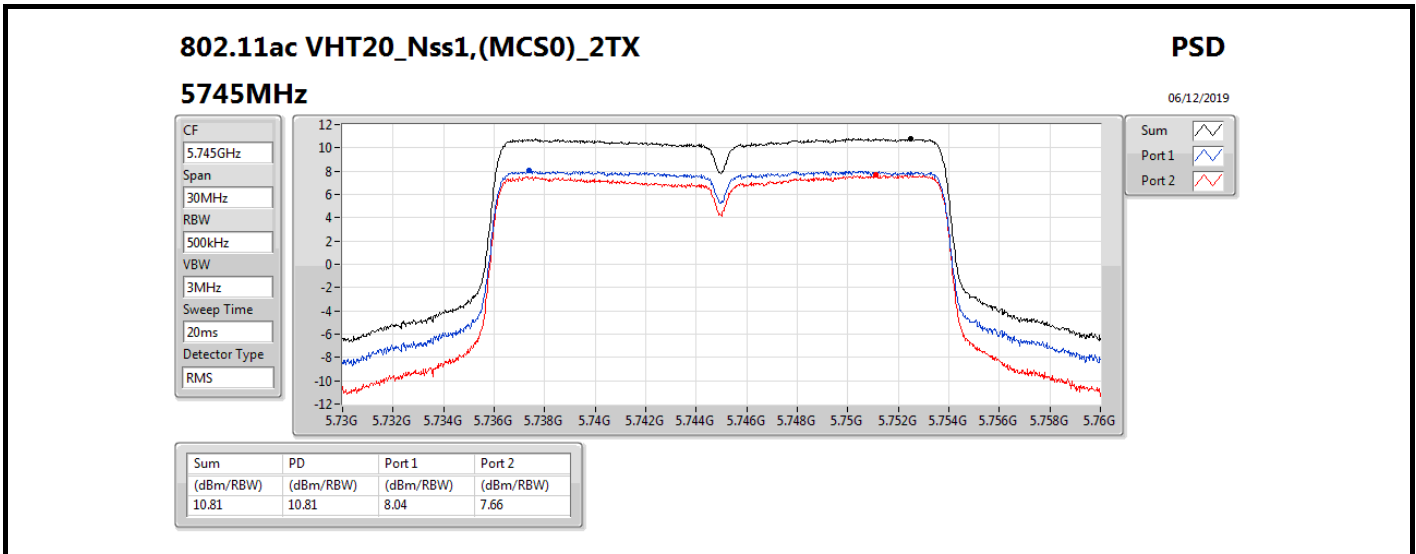
CF
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

| Sum | PD | Port 1 | Port 2 |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 7.50 | 7.50 | 4.50 | 4.52 |





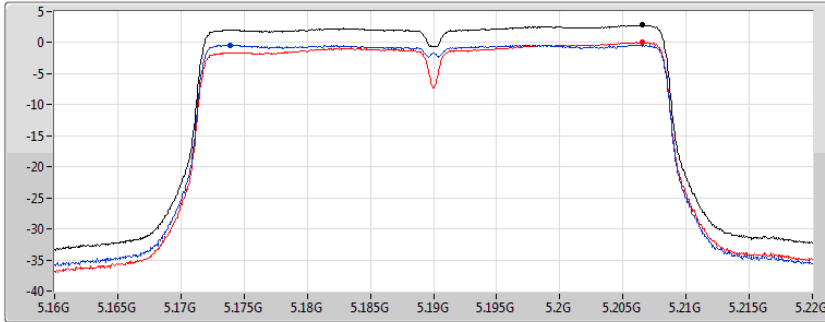
802.11ac VHT40_Nss1,(MCS0)_2TX




PSD

5190MHz

06/12/2019

CF
5.19GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum 
Port 1 
Port 2 

| Sum | PD | Port 1 | Port 2 |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 2.83 | 2.83 | -0.38 | 0.06 |

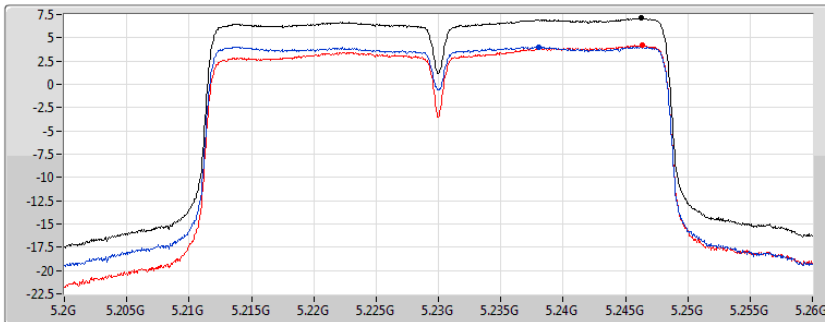
802.11ac VHT40_Nss1,(MCS0)_2TX




PSD

5230MHz

06/12/2019

CF
5.23GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum 
Port 1 
Port 2 

| Sum | PD | Port 1 | Port 2 |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 7.13 | 7.13 | 4.04 | 4.19 |

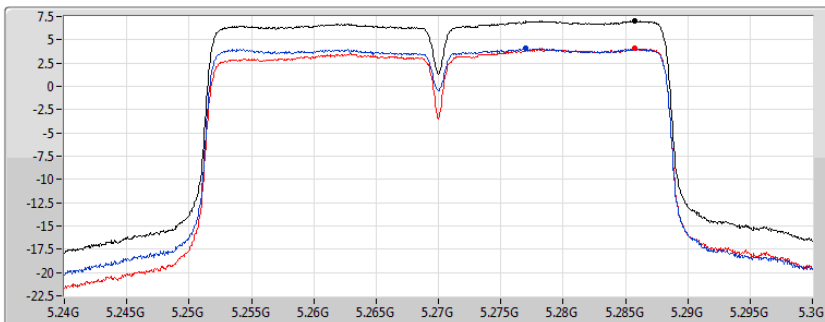
802.11ac VHT40_Nss1,(MCS0)_2TX




PSD

5270MHz

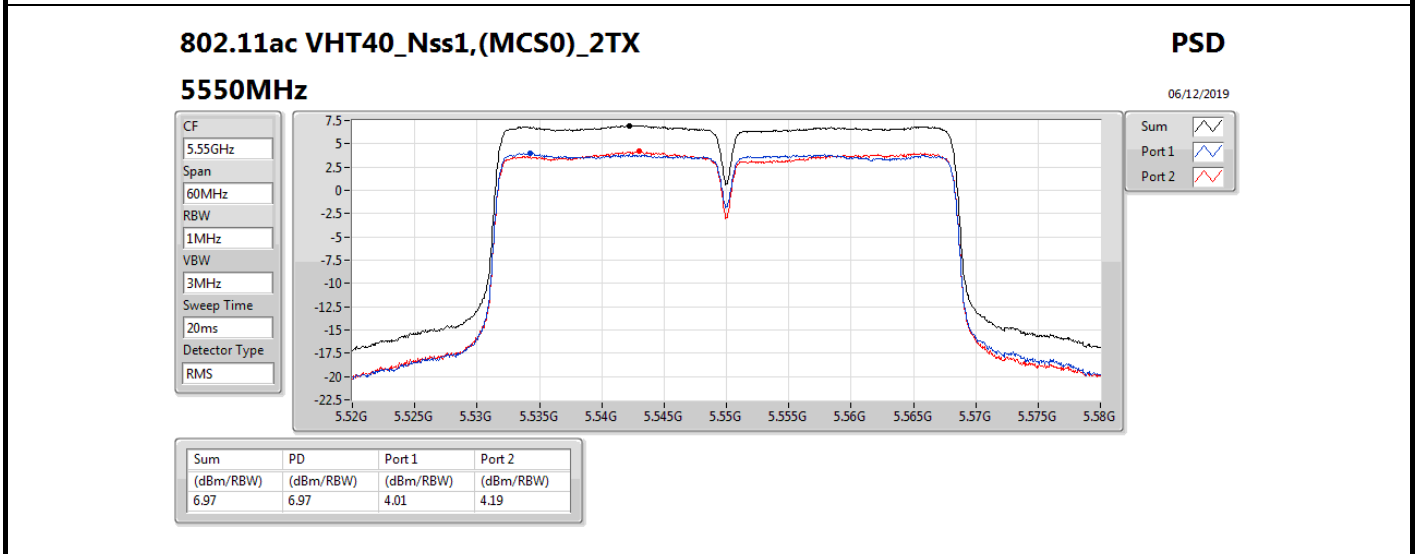
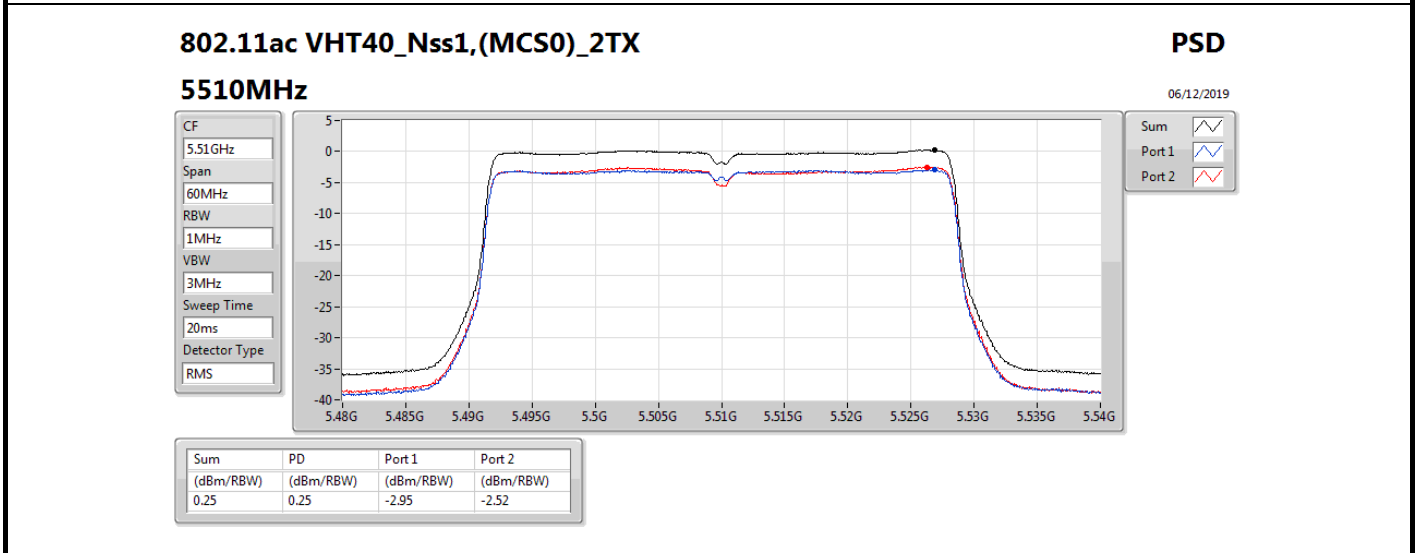
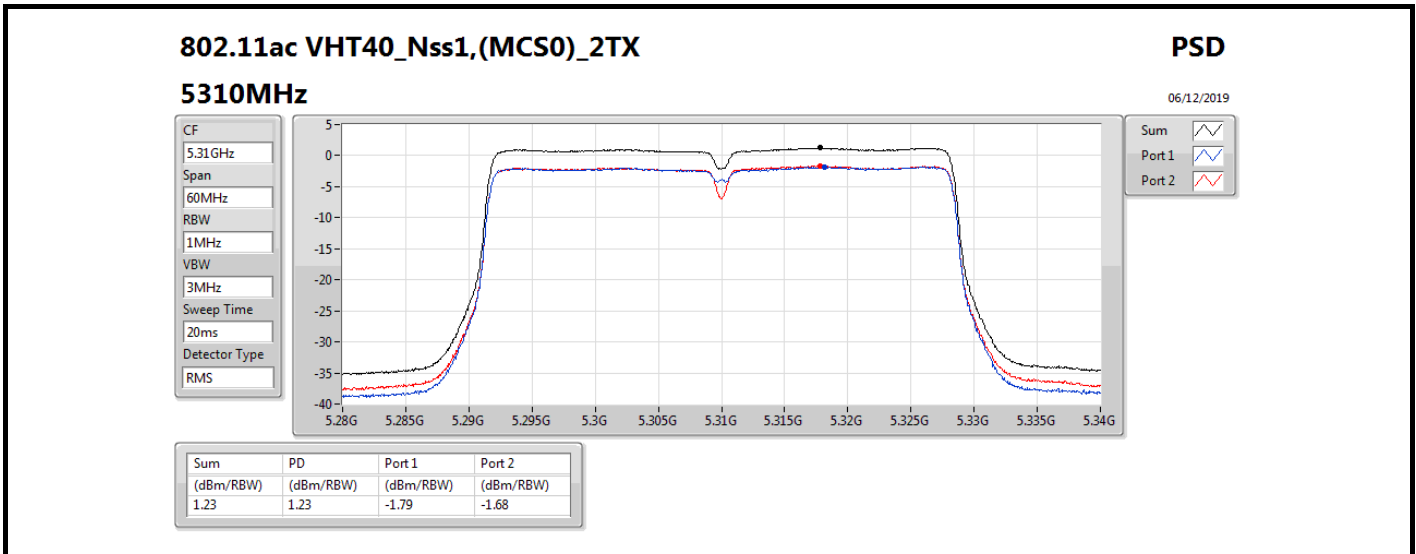
06/12/2019

CF
5.27GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum 
Port 1 
Port 2 

| Sum | PD | Port 1 | Port 2 |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 7.04 | 7.04 | 4.08 | 4.05 |



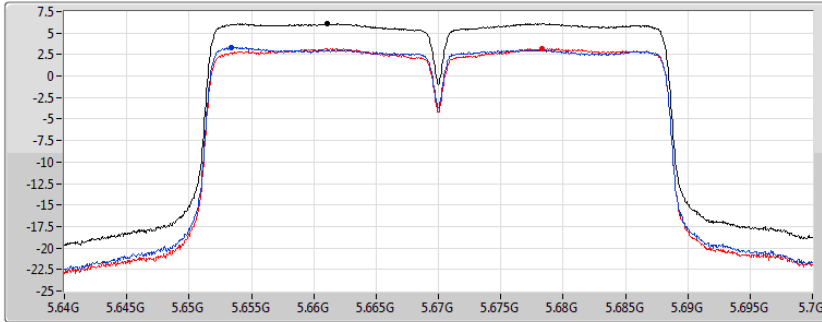
802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5670MHz

06/12/2019

CF
5.67GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

| Sum | PD | Port 1 | Port 2 |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 6.12 | 6.12 | 3.36 | 3.23 |

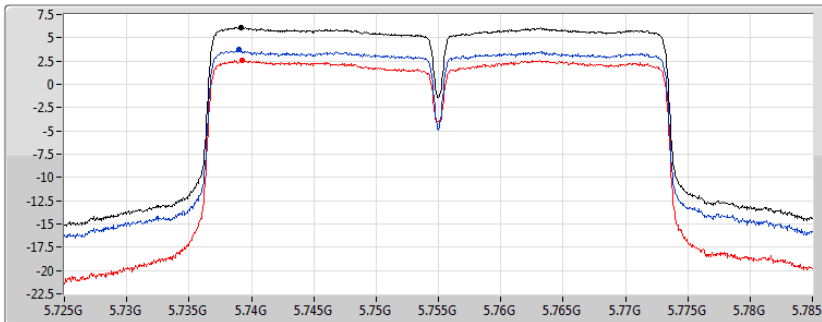
802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5755MHz

06/12/2019

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



Sum
Port 1
Port 2

| Sum | PD | Port 1 | Port 2 |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 6.12 | 6.12 | 3.73 | 2.57 |

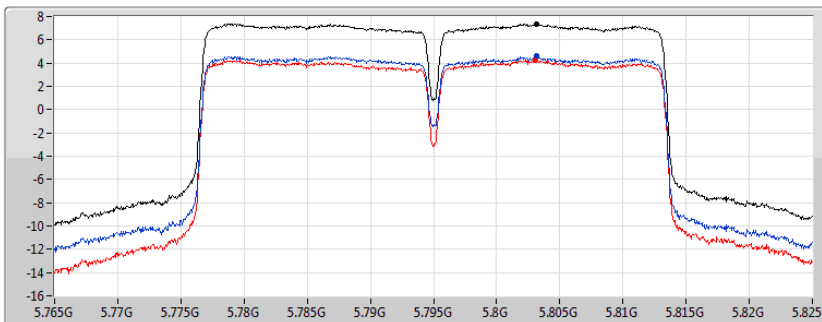
802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5795MHz

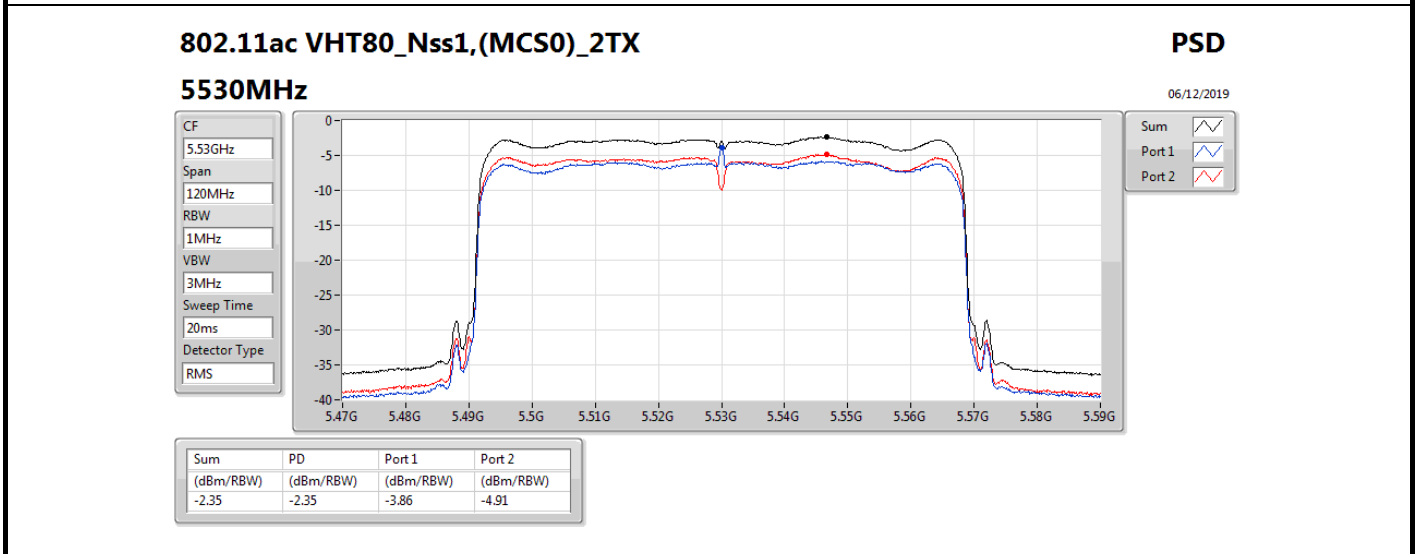
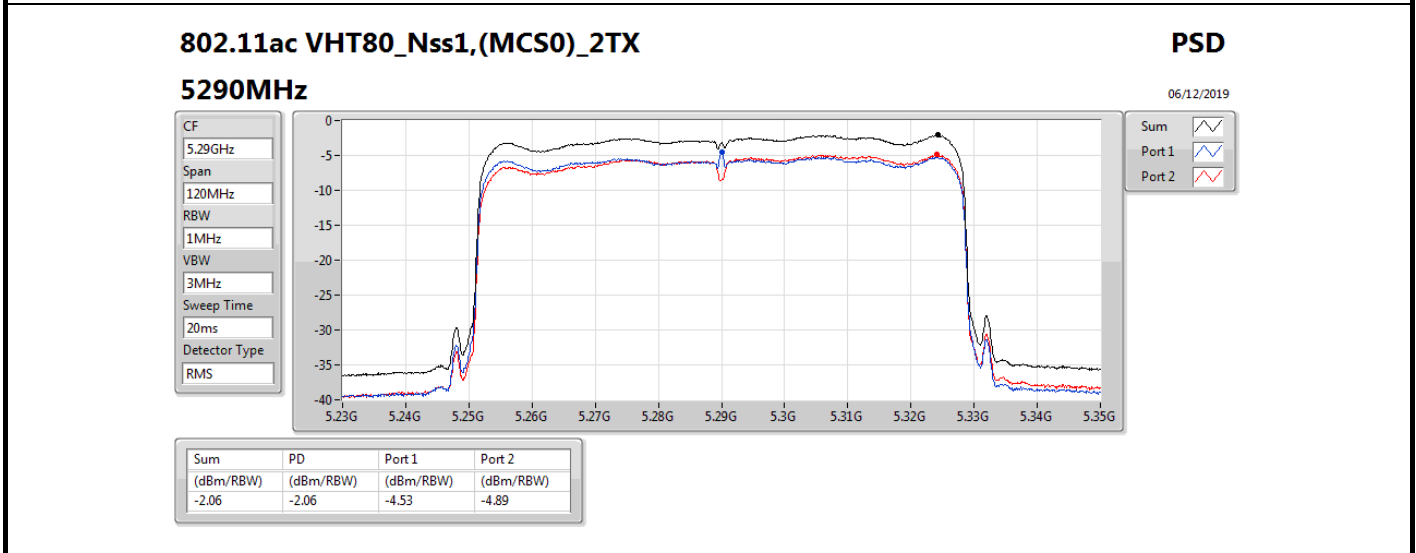
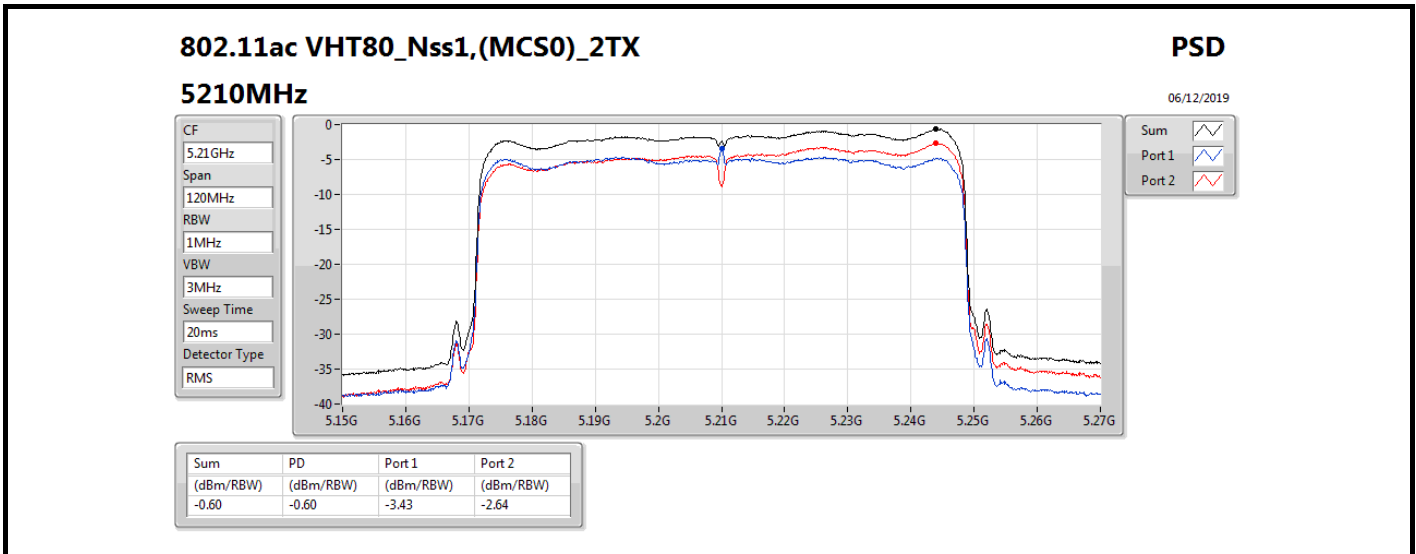
06/12/2019

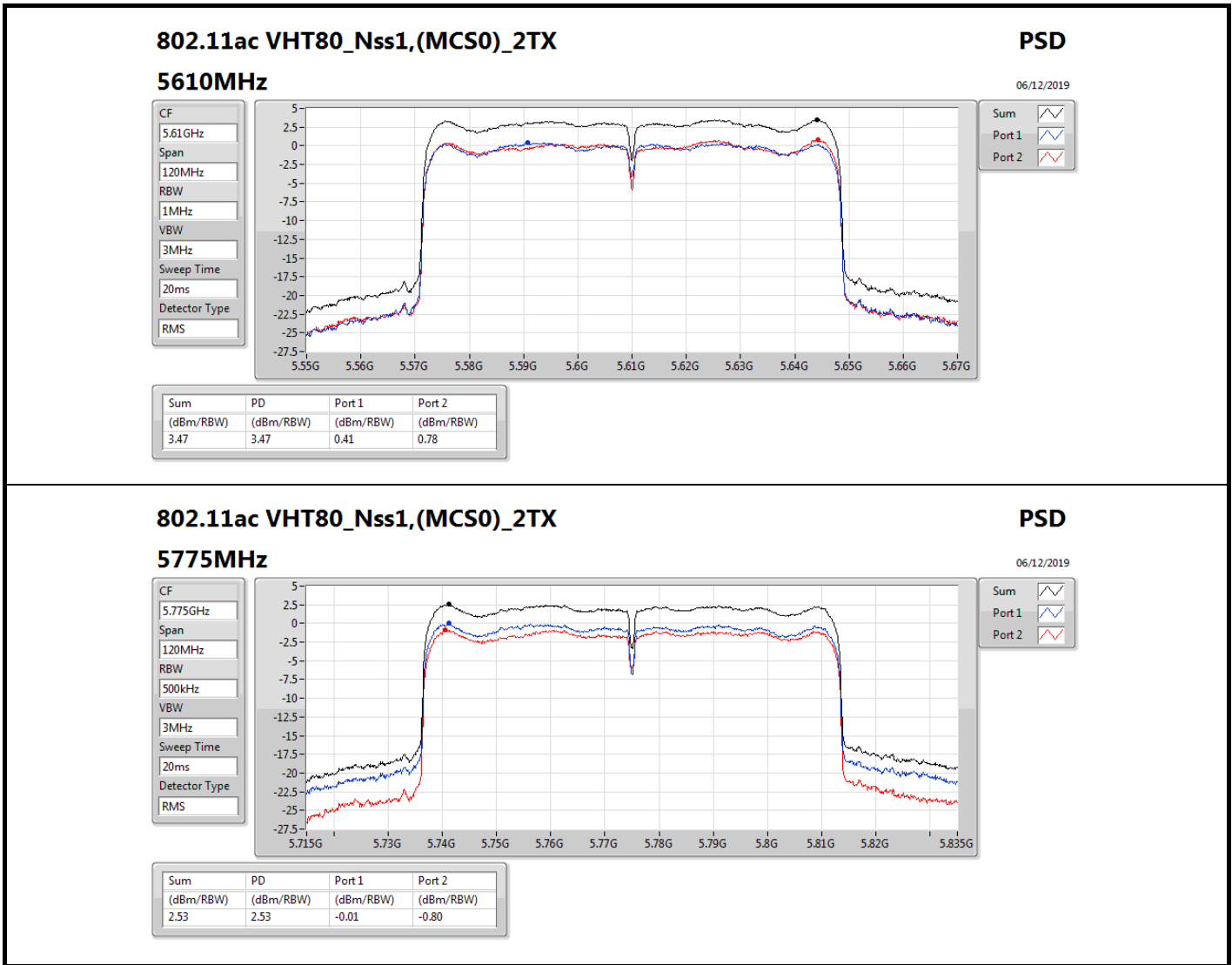
CF
5.795GHz
Span
60MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

| Sum | PD | Port 1 | Port 2 |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 7.39 | 7.39 | 4.61 | 4.26 |







Summary

| Mode | PD (dBm/RBW) |
|-----------------------------------|-----------------|
| 5.15-5.25GHz | - |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 7.90 |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 4.95 |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | -1.08 |
| 5.25-5.35GHz | - |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 7.96 |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 4.76 |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | -2.88 |
| 5.47-5.725GHz | - |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 7.10 |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 4.30 |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 1.54 |
| 5.725-5.85GHz | - |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | 8.51 |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | 5.85 |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | 0.52 |

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

Result

| Mode | Result | DG (dBi) | Port 1 (dBm/RBW) | Port 2 (dBm/RBW) | PD (dBm/RBW) | PD Limit (dBm/RBW) |
|-----------------------------------|--------|-------------|---------------------|---------------------|-----------------|-----------------------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | - | - | - | - | - | - |
| 5180MHz | Pass | 9.01 | 5.57 | 4.41 | 7.90 | 7.99 |
| 5200MHz | Pass | 9.01 | 4.43 | 3.28 | 6.84 | 7.99 |
| 5240MHz | Pass | 9.01 | 5.11 | 4.52 | 7.66 | 7.99 |
| 5260MHz | Pass | 9.01 | 5.41 | 4.46 | 7.85 | 7.99 |
| 5300MHz | Pass | 9.01 | 5.04 | 4.10 | 7.53 | 7.99 |
| 5320MHz | Pass | 9.01 | 5.29 | 4.68 | 7.96 | 7.99 |
| 5500MHz | Pass | 9.01 | 4.37 | 3.89 | 7.08 | 7.99 |
| 5580MHz | Pass | 9.01 | 4.31 | 4.08 | 7.10 | 7.99 |
| 5700MHz | Pass | 9.01 | 1.90 | 1.60 | 4.74 | 7.99 |
| 5745MHz | Pass | 9.01 | 5.60 | 5.45 | 8.51 | 30.00 |
| 5785MHz | Pass | 9.01 | 4.91 | 5.17 | 7.93 | 30.00 |
| 5825MHz | Pass | 9.01 | 3.56 | 3.97 | 6.75 | 30.00 |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | - | - | - | - | - | - |
| 5190MHz | Pass | 9.01 | -0.66 | -1.01 | 1.83 | 7.99 |
| 5230MHz | Pass | 9.01 | 2.41 | 1.54 | 4.95 | 7.99 |
| 5270MHz | Pass | 9.01 | 2.55 | 1.68 | 4.76 | 7.99 |
| 5310MHz | Pass | 9.01 | -2.07 | -3.13 | 0.28 | 7.99 |
| 5510MHz | Pass | 9.01 | -3.10 | -3.32 | -0.29 | 7.99 |
| 5550MHz | Pass | 9.01 | 1.57 | 0.98 | 4.10 | 7.99 |
| 5670MHz | Pass | 9.01 | 2.09 | 0.74 | 4.30 | 7.99 |
| 5755MHz | Pass | 9.01 | 2.89 | 2.91 | 5.85 | 30.00 |
| 5795MHz | Pass | 9.01 | 2.00 | 2.07 | 4.97 | 30.00 |
| 802.11ac VHT80-BF_Nss1,(MCS0)_2TX | - | - | - | - | - | - |
| 5210MHz | Pass | 9.01 | -4.12 | -3.57 | -1.08 | 7.99 |
| 5290MHz | Pass | 9.01 | -6.21 | -5.37 | -2.88 | 7.99 |
| 5530MHz | Pass | 9.01 | -6.29 | -6.87 | -3.83 | 7.99 |
| 5610MHz | Pass | 9.01 | -0.89 | -1.83 | 1.54 | 7.99 |
| 5775MHz | Pass | 9.01 | -2.37 | -2.27 | 0.52 | 30.00 |

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

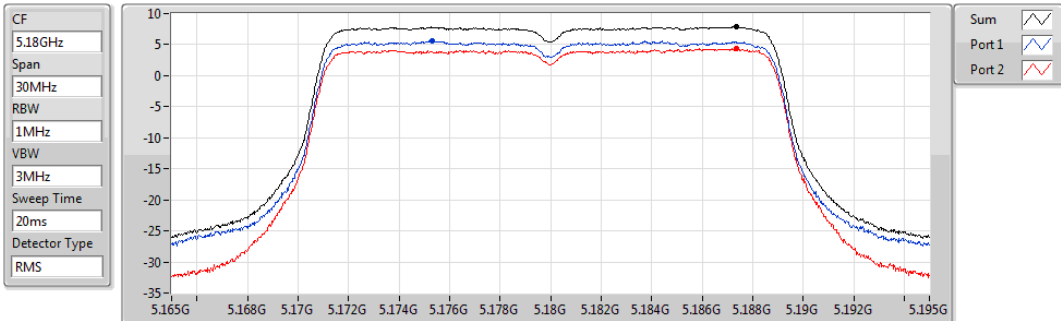
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X power density;

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5180MHz

17/01/2020



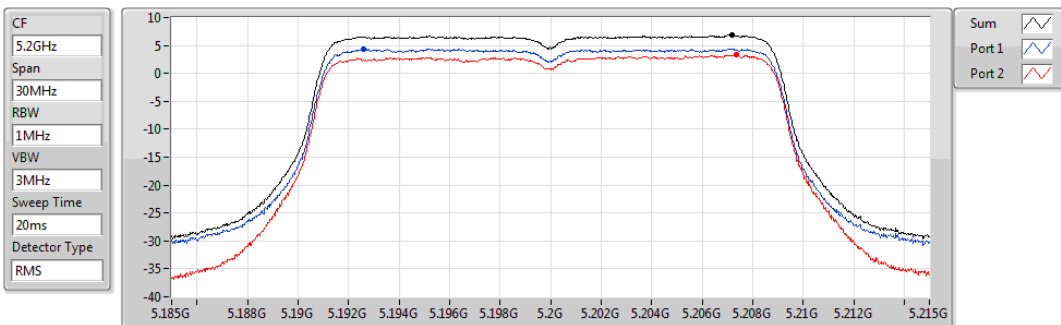
| Sum | PD | Port 1 | Port 2 |
|------------|------------|------------|------------|
| (dBm/1MHz) | (dBm/1MHz) | (dBm/1MHz) | (dBm/1MHz) |
| 7.90 | 7.90 | 5.57 | 4.41 |

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5200MHz

17/01/2020



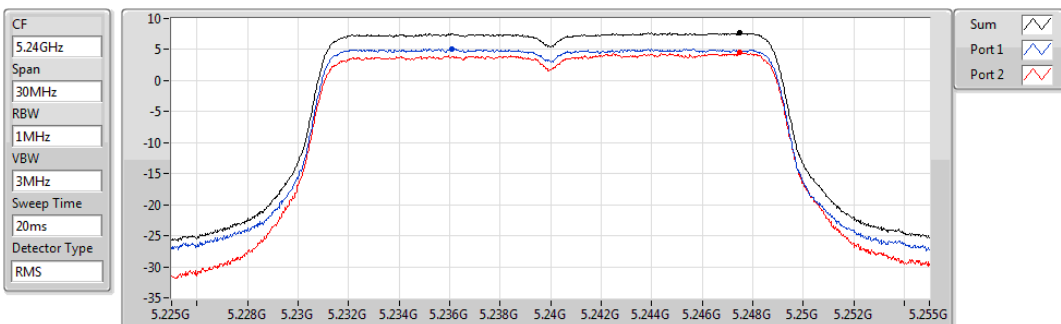
| Sum | PD | Port 1 | Port 2 |
|------------|------------|------------|------------|
| (dBm/1MHz) | (dBm/1MHz) | (dBm/1MHz) | (dBm/1MHz) |
| 6.84 | 6.84 | 4.43 | 3.28 |

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

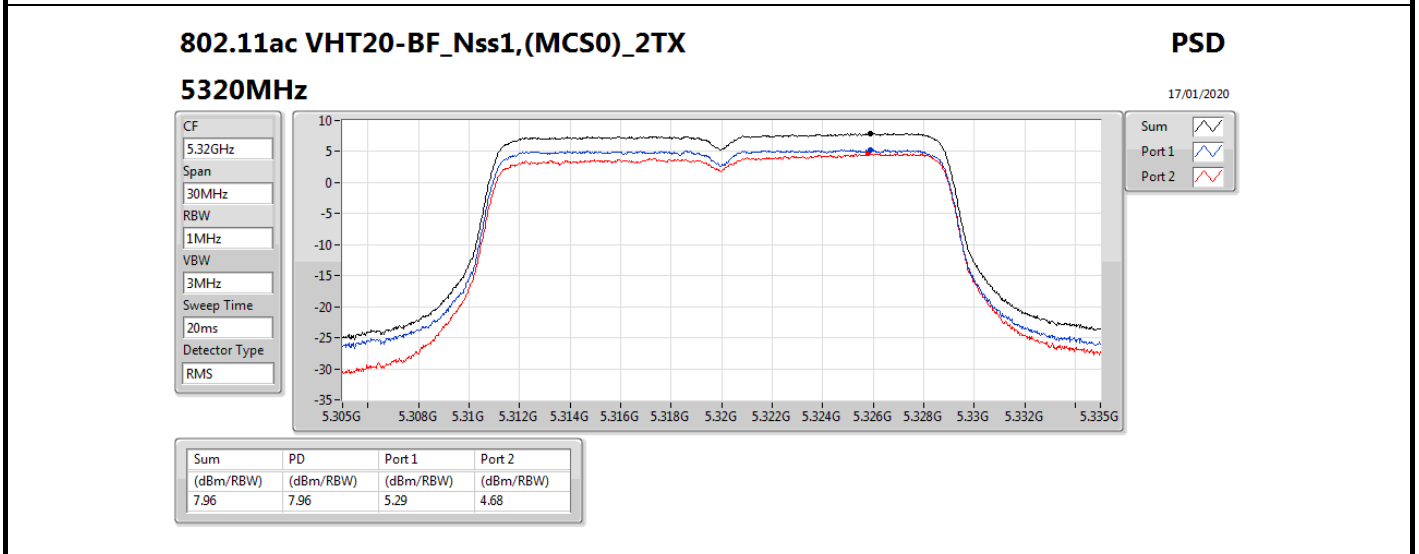
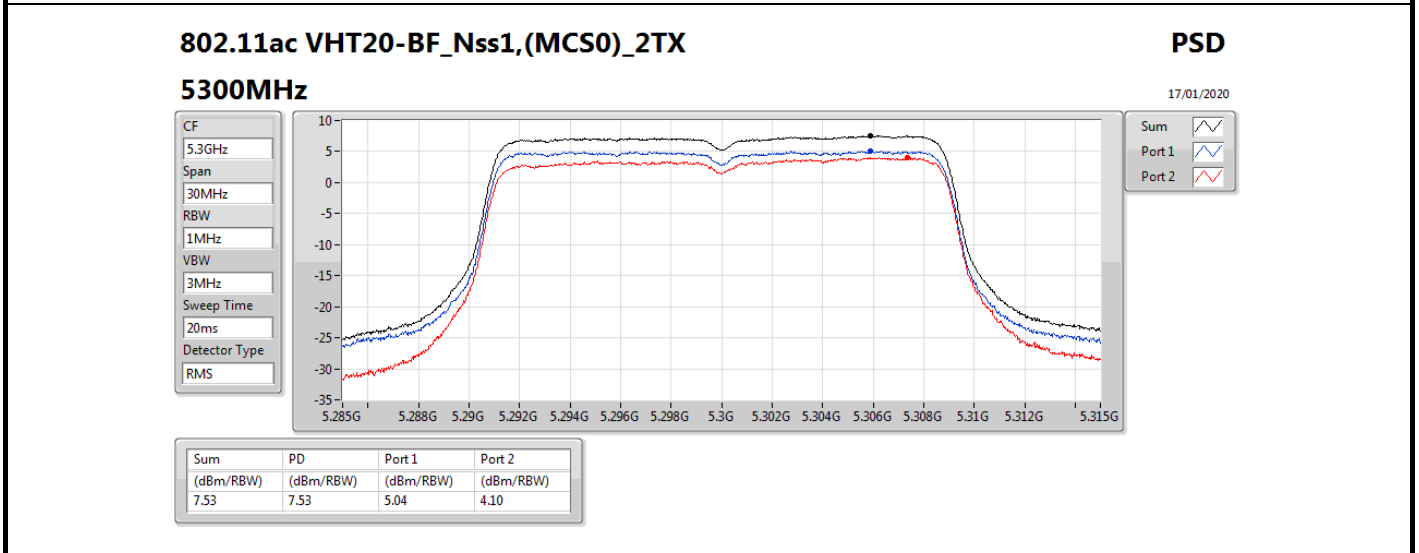
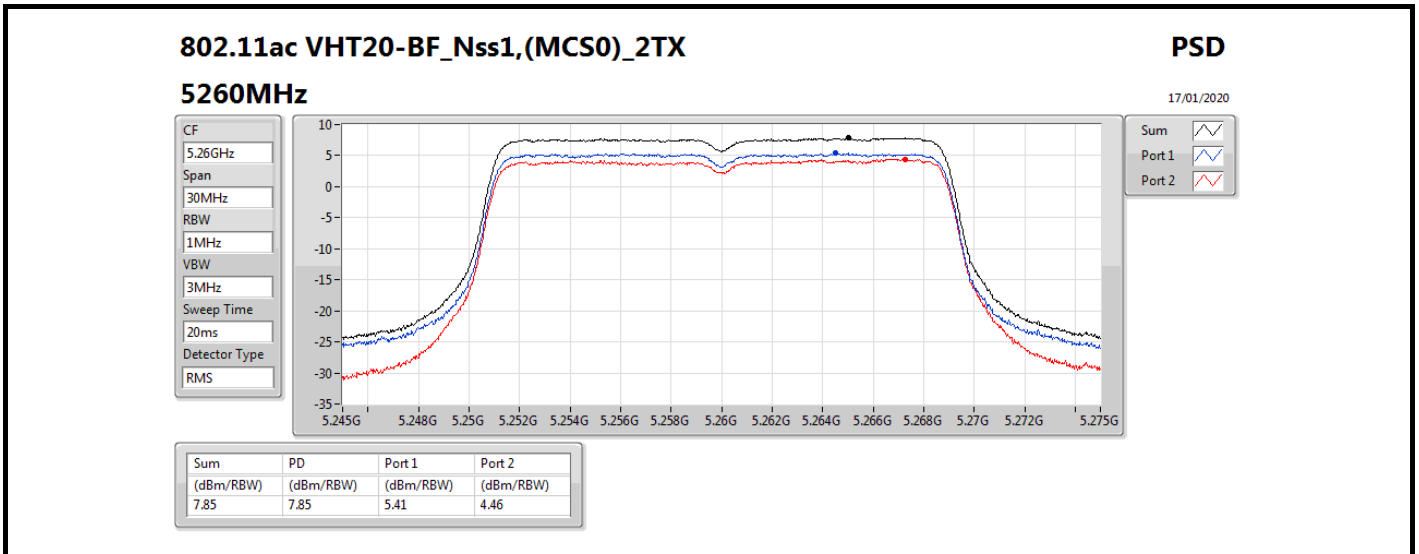
PSD

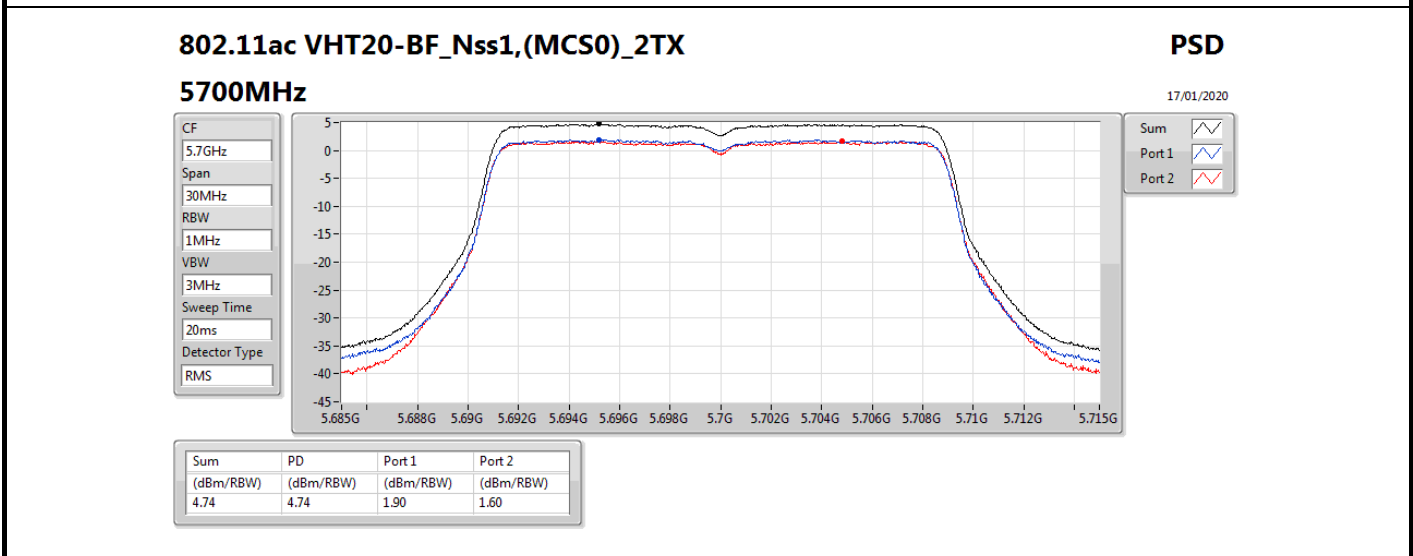
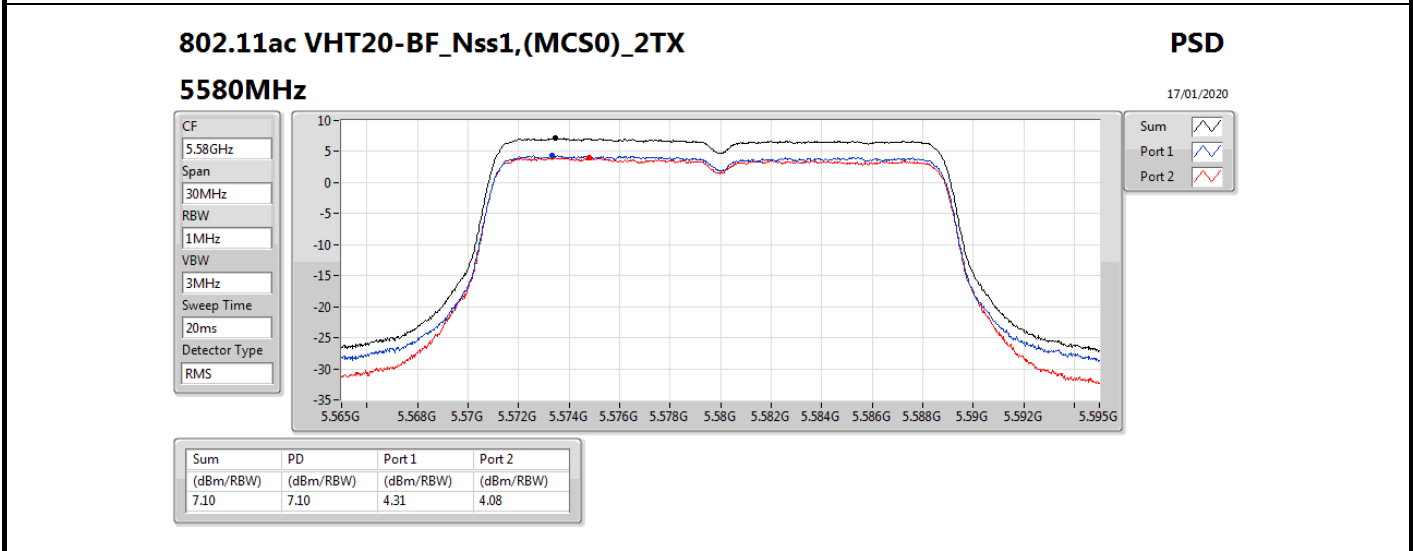
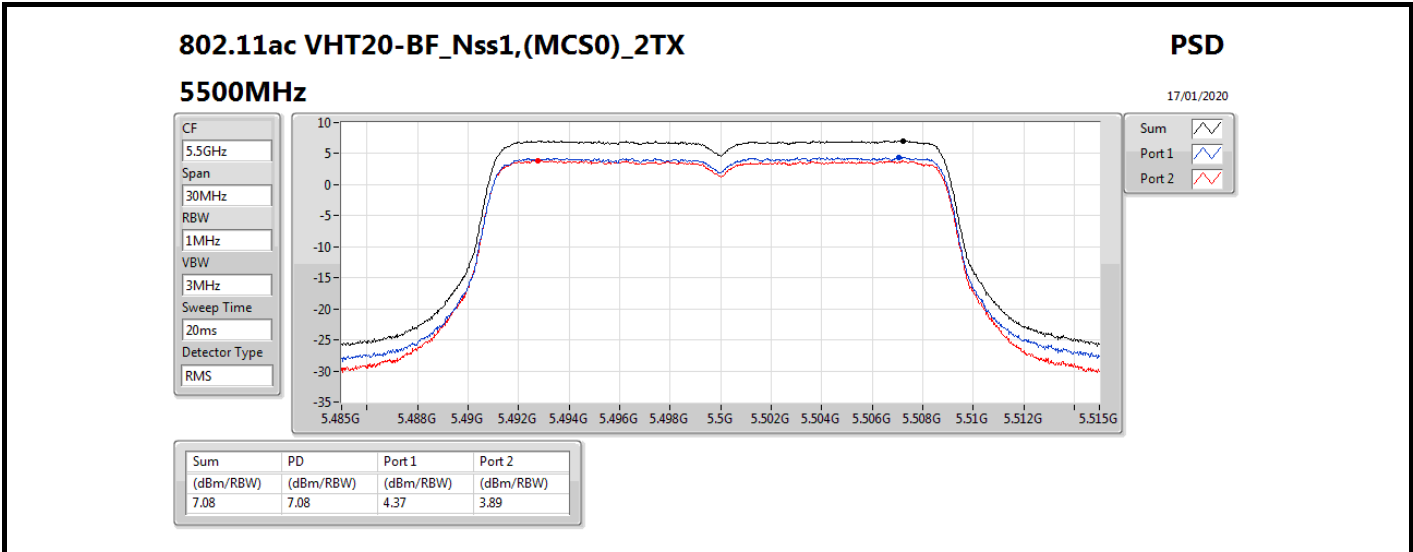
5240MHz

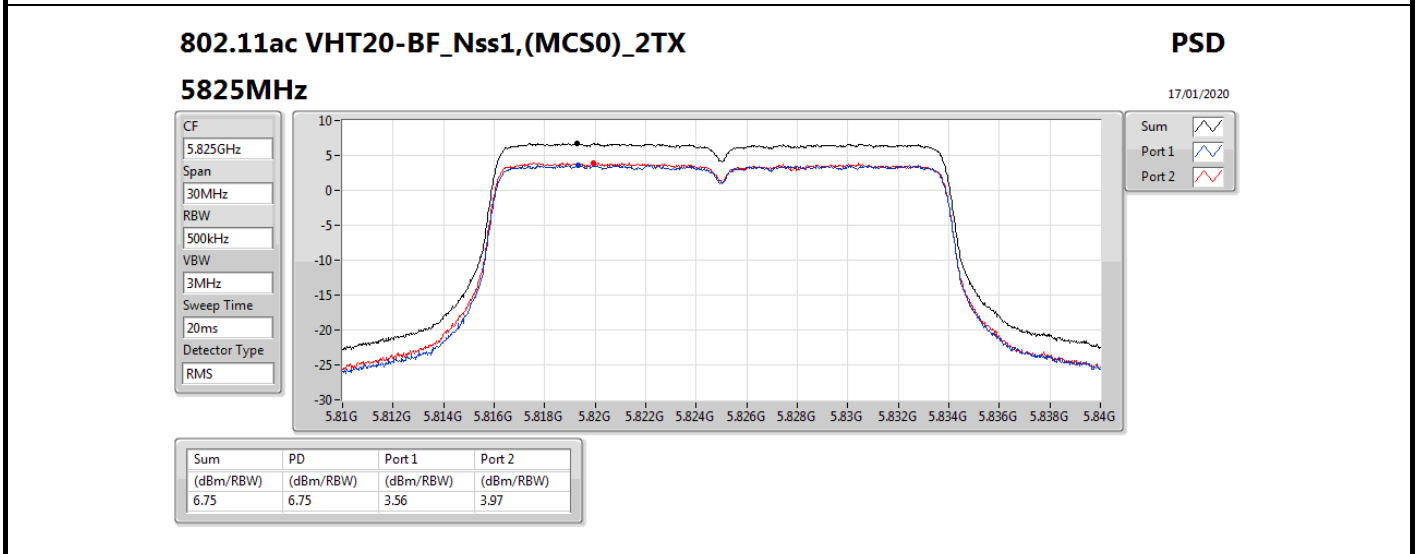
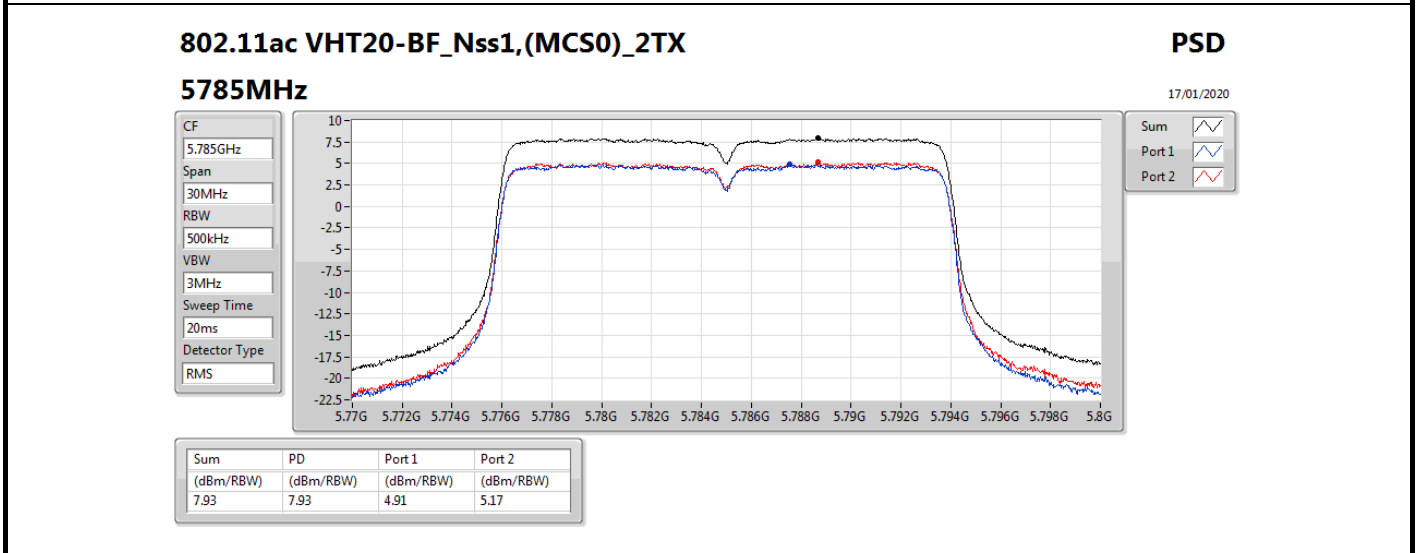
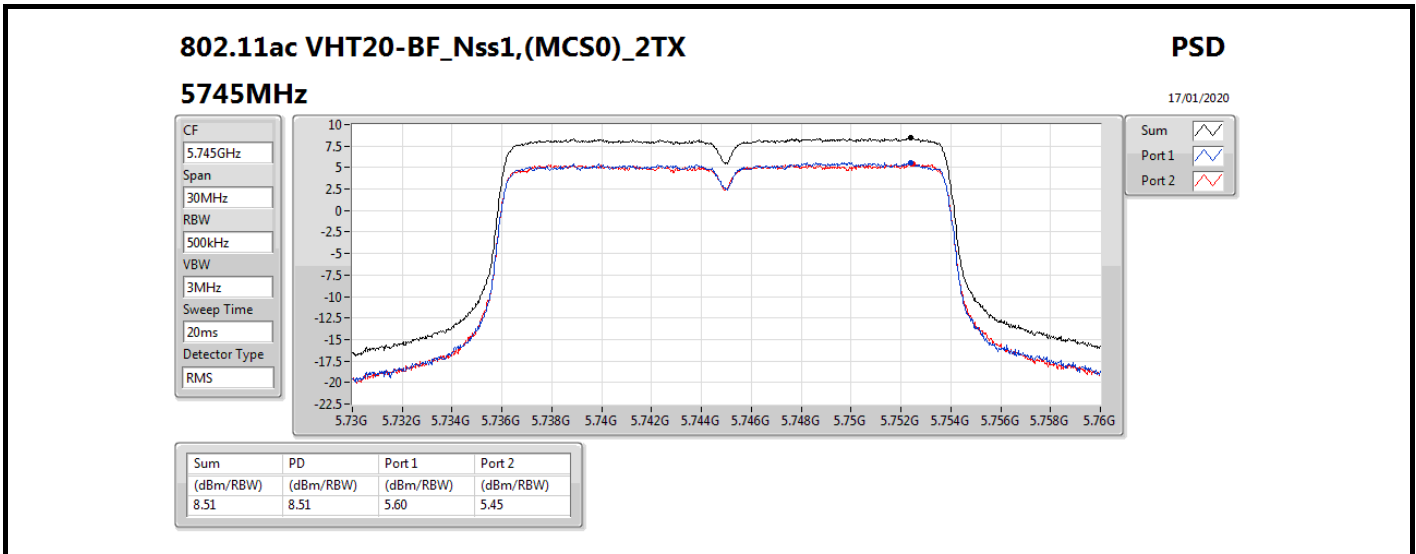
17/01/2020

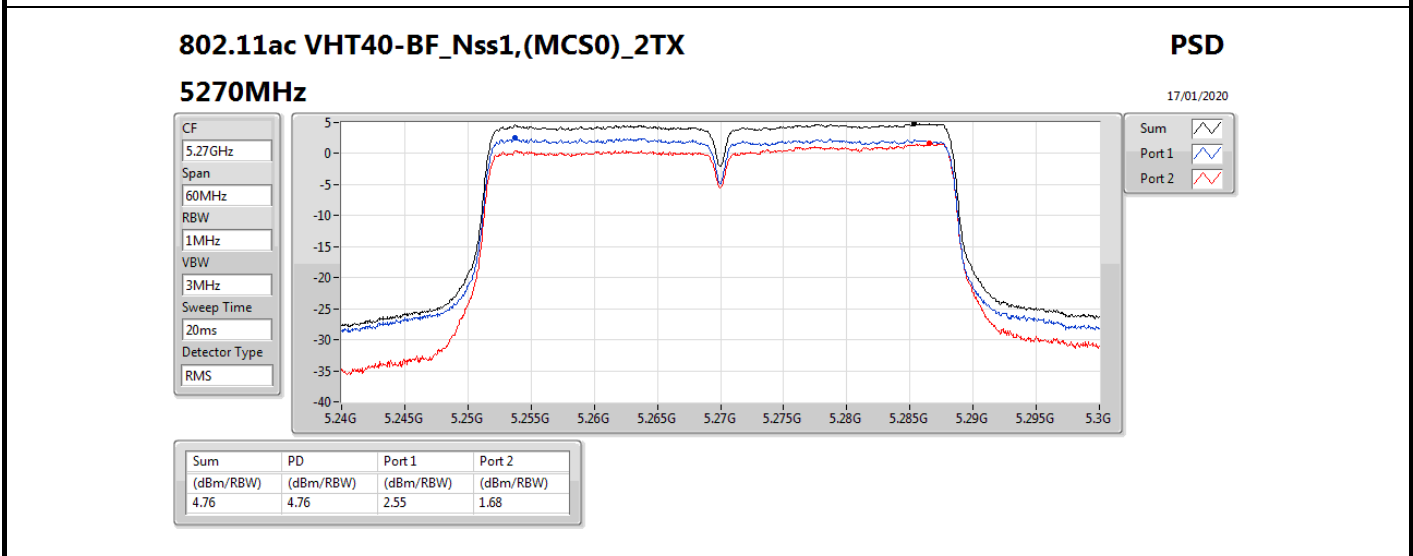
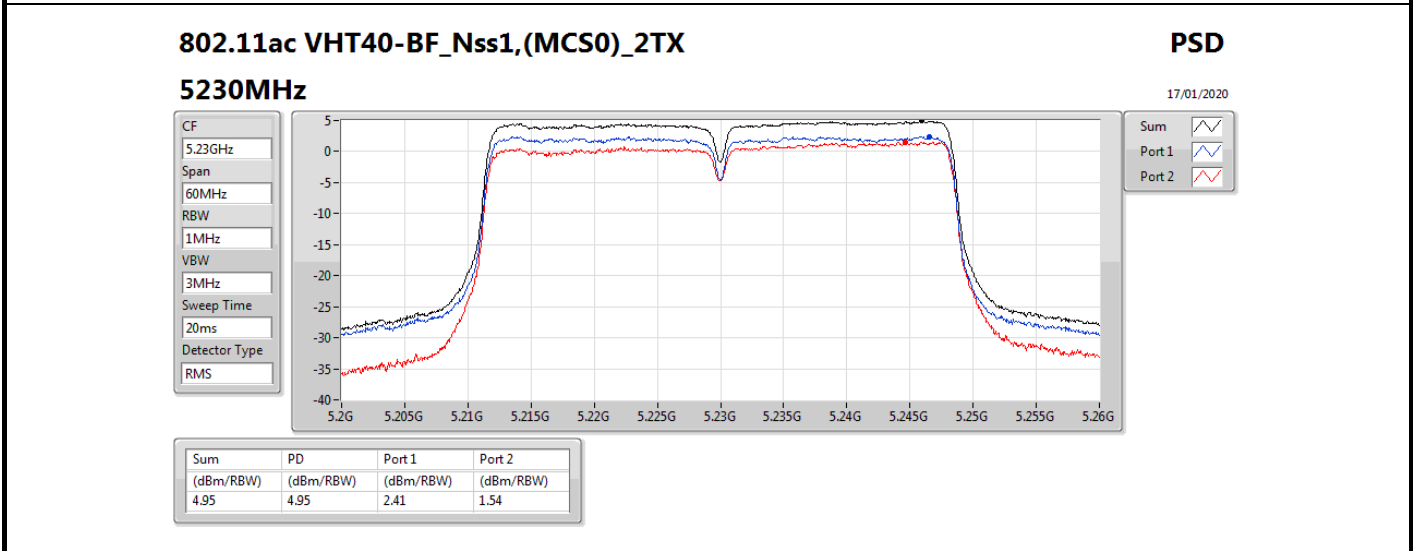
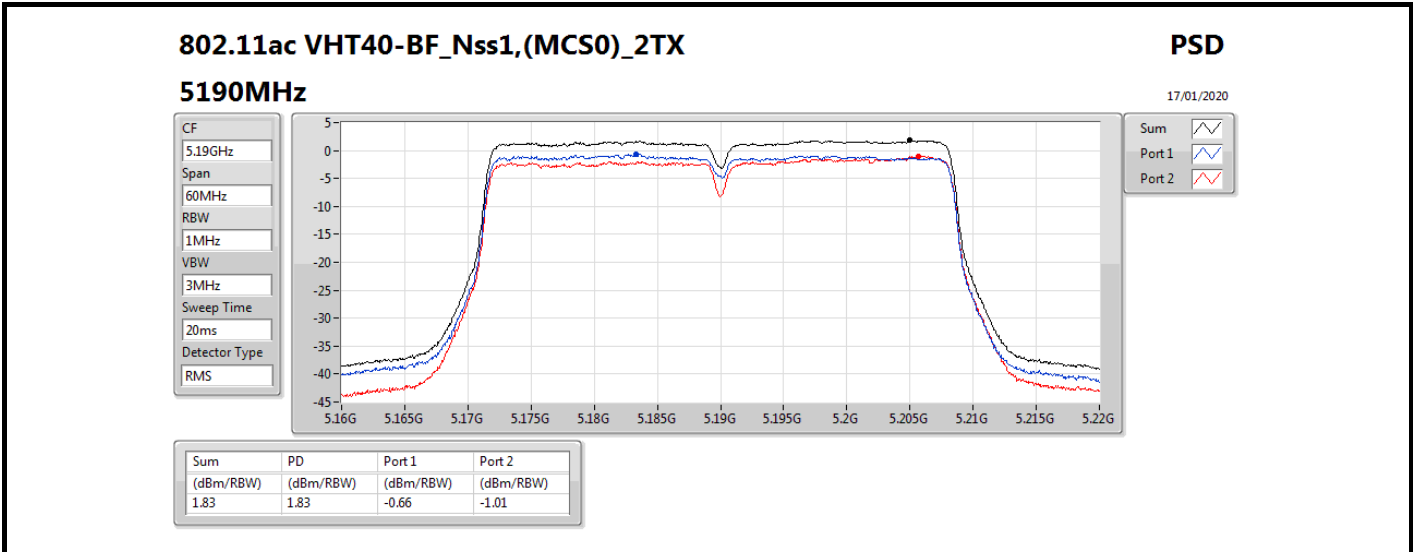


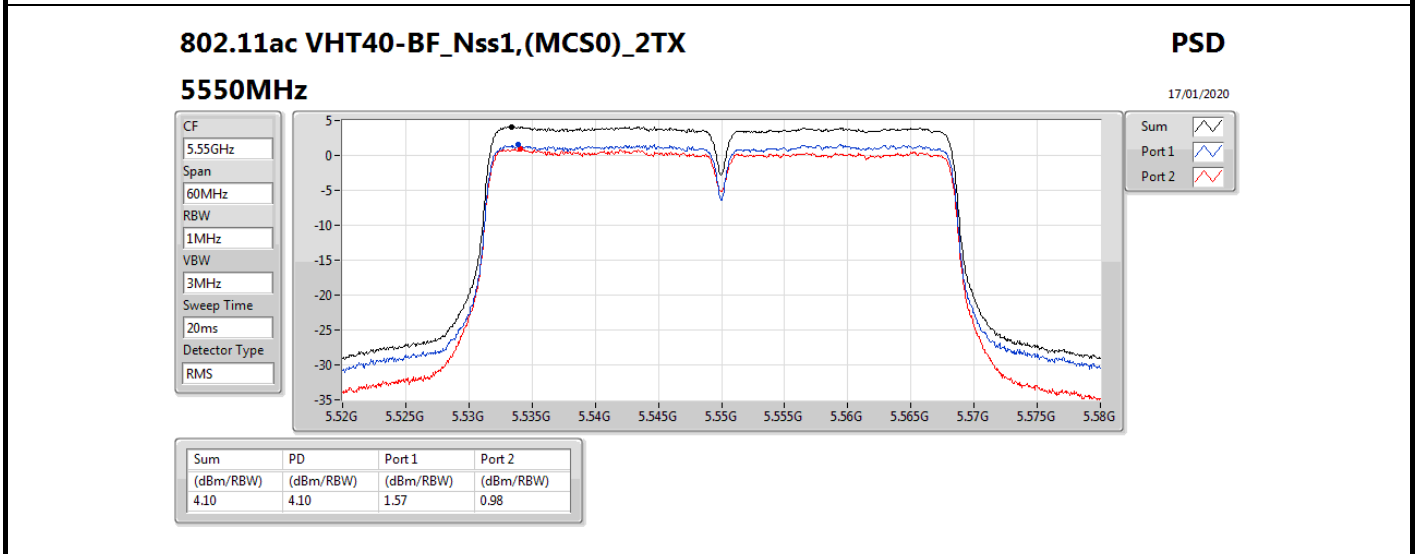
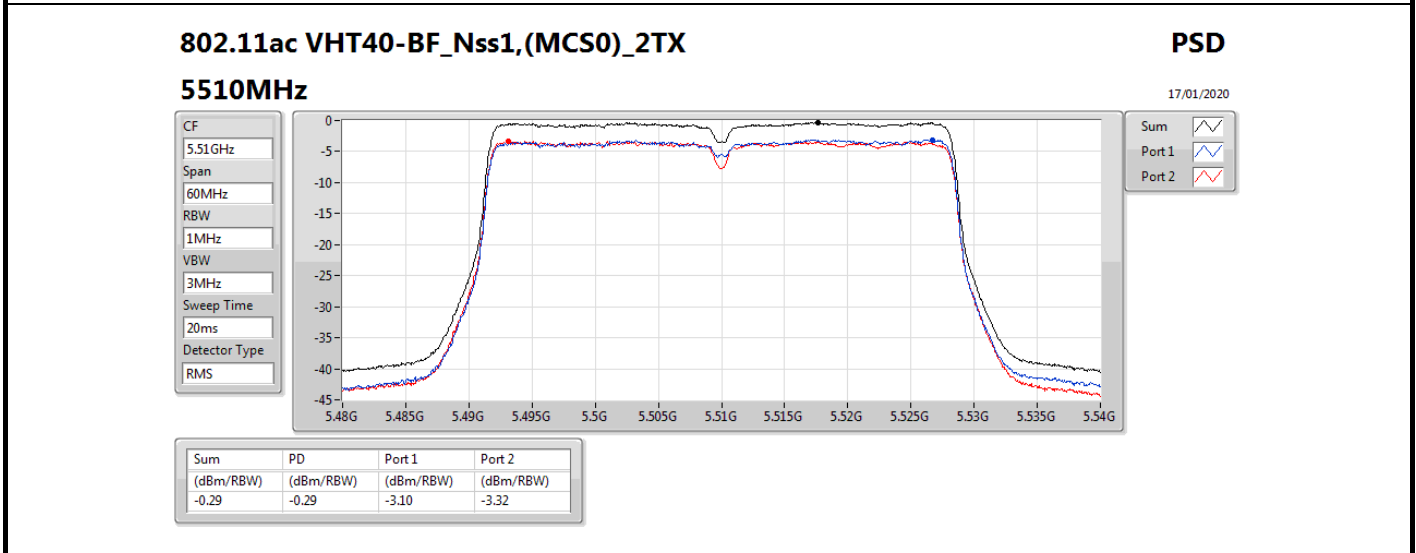
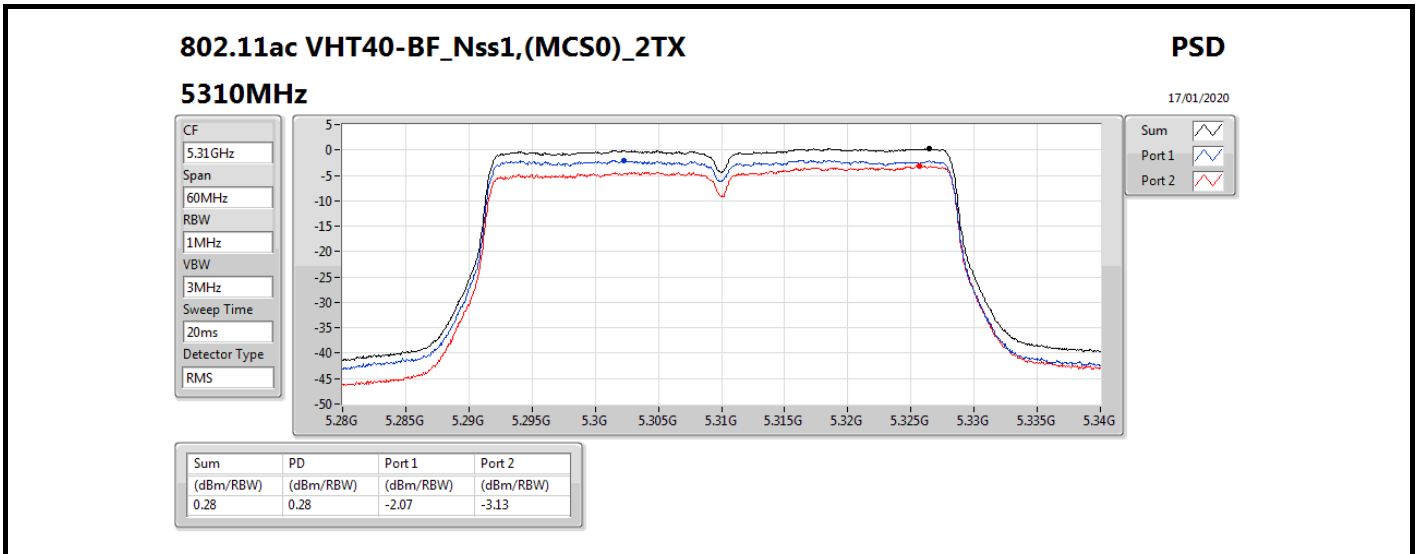
| Sum | PD | Port 1 | Port 2 |
|------------|------------|------------|------------|
| (dBm/1MHz) | (dBm/1MHz) | (dBm/1MHz) | (dBm/1MHz) |
| 7.66 | 7.66 | 5.11 | 4.52 |

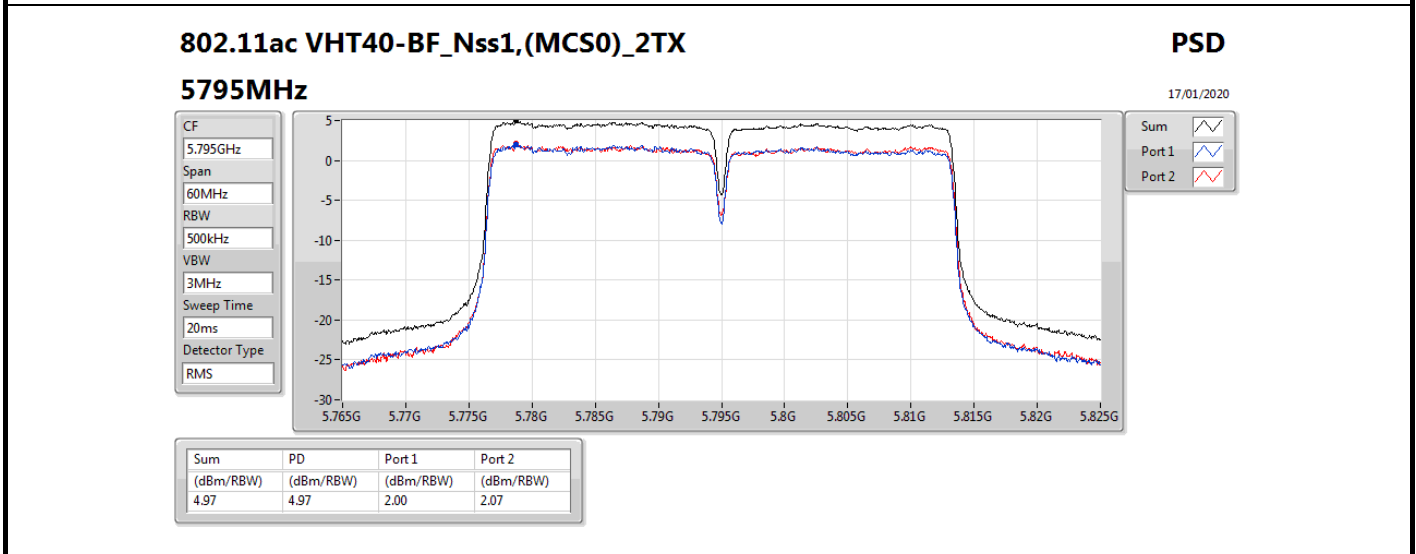
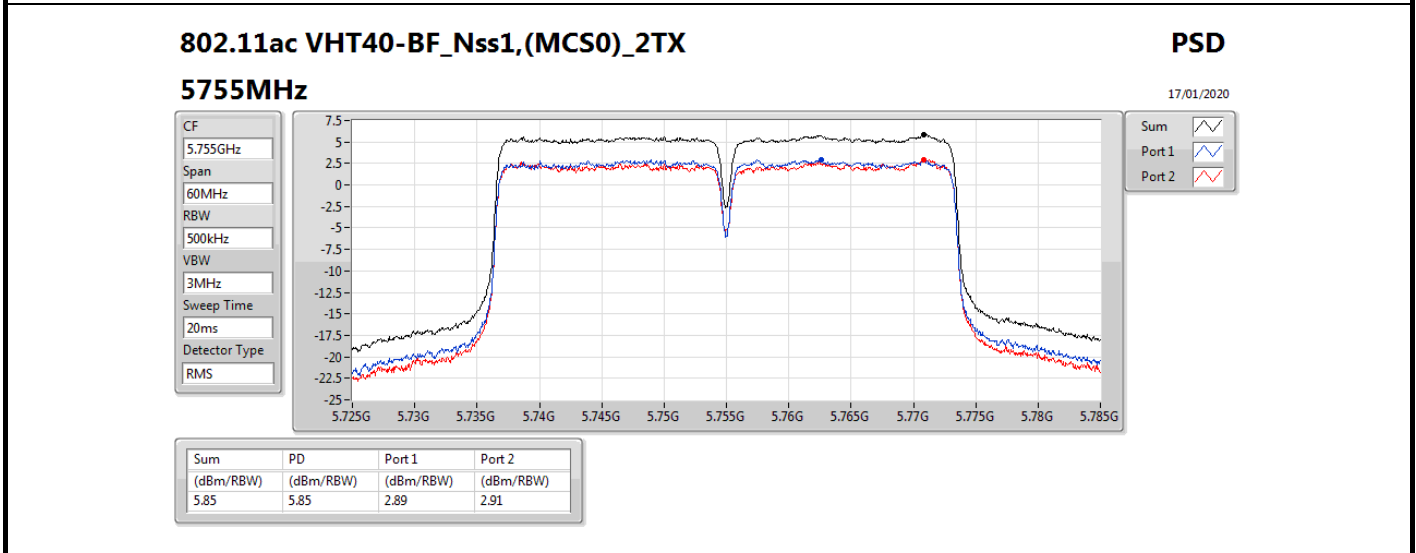
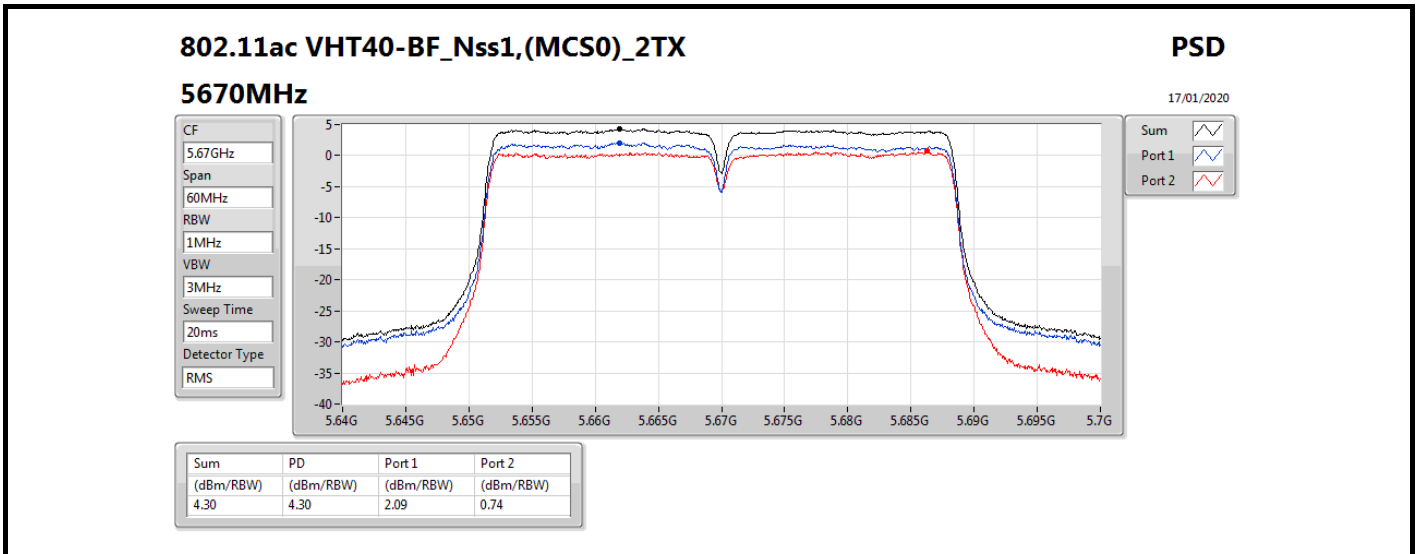


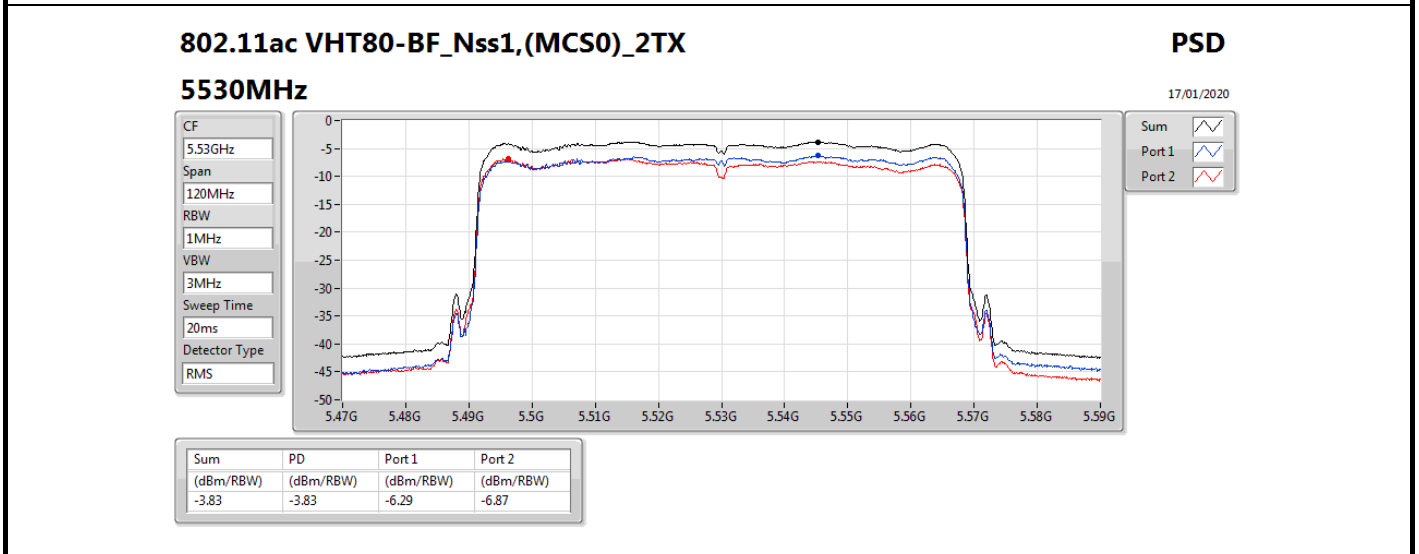
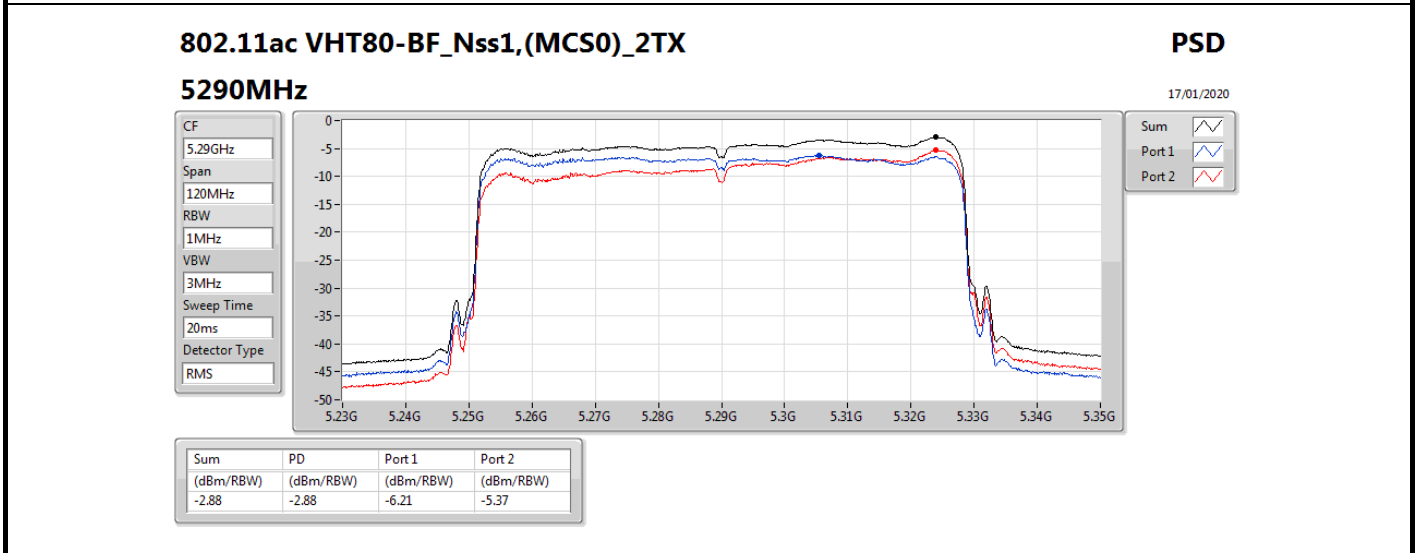
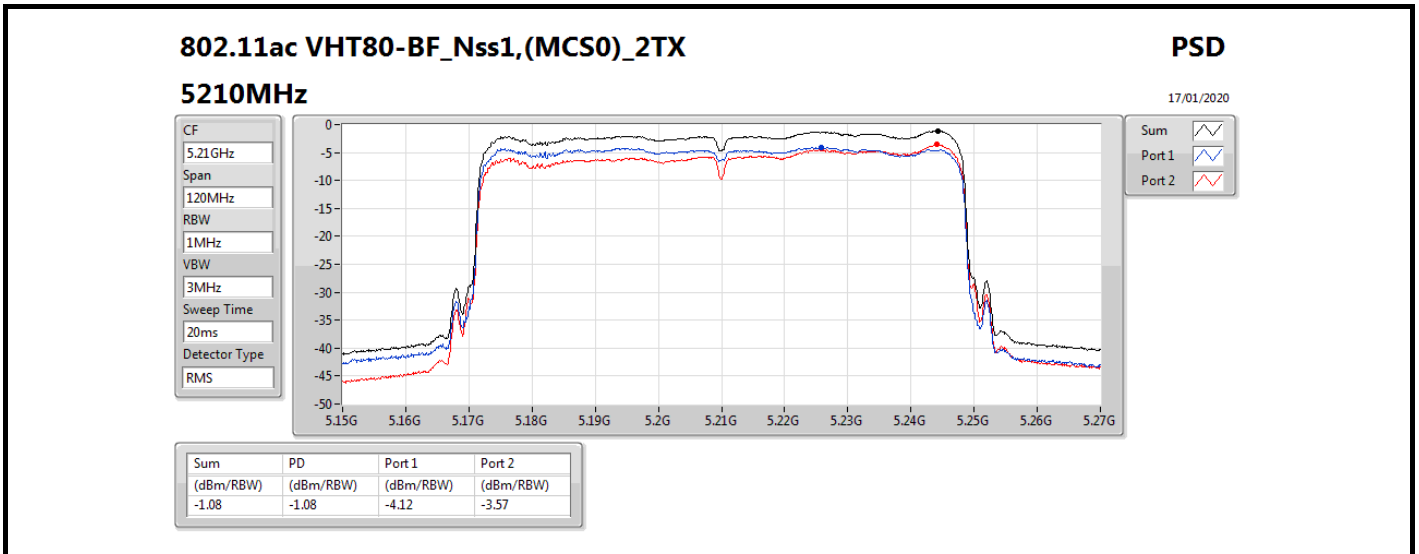












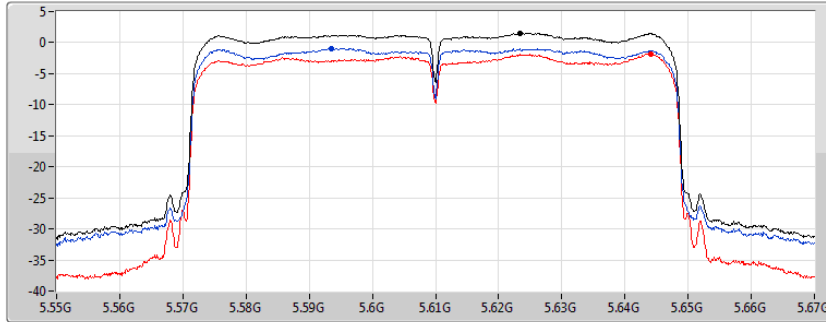
802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5610MHz

21/01/2020

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



Sum
Port 1
Port 2

| Sum | PD | Port 1 | Port 2 |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 1.54 | 1.54 | -0.89 | -1.83 |

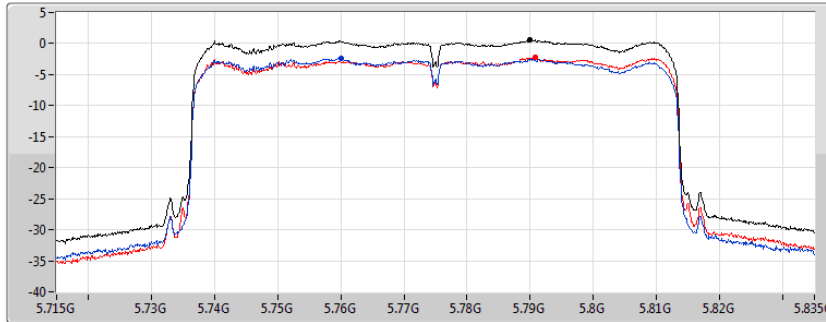
802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5775MHz

17/01/2020

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



Sum
Port 1
Port 2

| Sum | PD | Port 1 | Port 2 |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 0.52 | 0.52 | -2.37 | -2.27 |

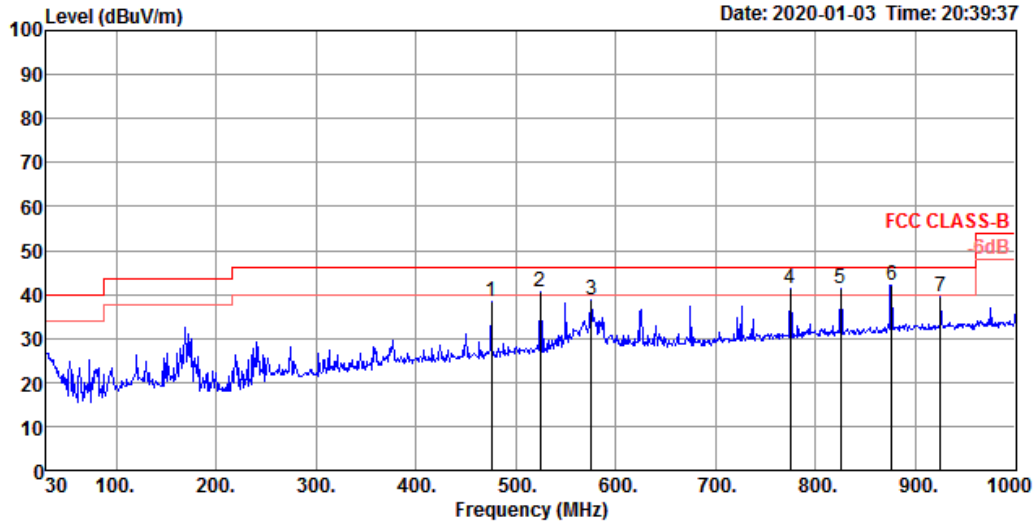


Radiated Emission below 1GHz Result

Appendix E.1

| | | | |
|------------------|--------|------------------------|---------------------|
| Test Mode | Mode 1 | Frequency Range | 30 MHz to 1,000 MHz |
|------------------|--------|------------------------|---------------------|

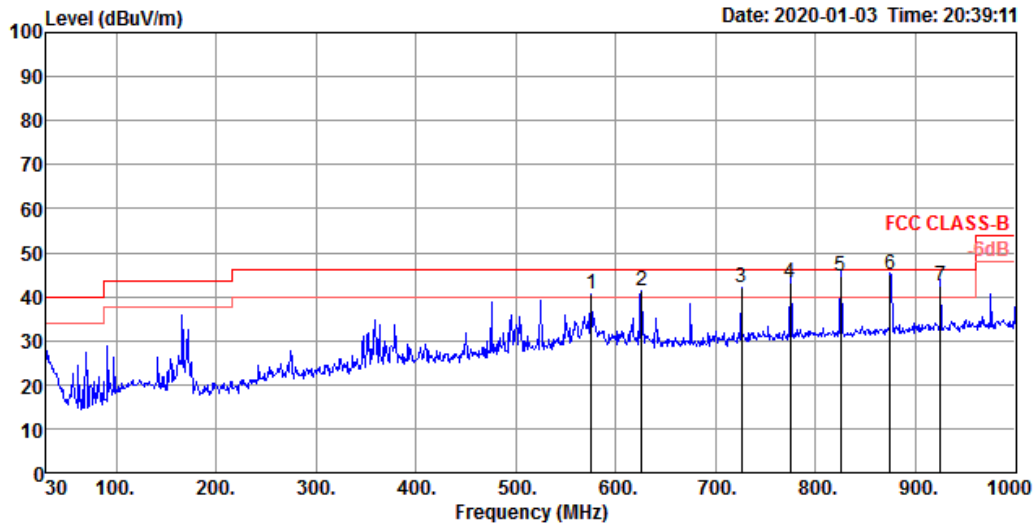
Vertical 30 MHz to 1,000 MHz



| | Freq | Level | Limit | Over | Read | CableAntenna | Preamp | A/Pos | T/Pos | Remark | PoI/Phase |
|---|--------|--------|--------|-------|-------|--------------|--------|-------|-------|----------|-----------|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | |
| 1 | 475.23 | 38.41 | 46.00 | -7.59 | 44.51 | 2.86 | 23.43 | 32.39 | 100 | 215 Peak | VERTICAL |
| 2 | 524.70 | 40.53 | 46.00 | -5.47 | 45.73 | 3.02 | 24.20 | 32.42 | 100 | 189 Peak | VERTICAL |
| 3 | 575.14 | 38.61 | 46.00 | -7.39 | 42.98 | 3.20 | 24.75 | 32.32 | 100 | 179 Peak | VERTICAL |
| 4 | 774.96 | 41.40 | 46.00 | -4.60 | 43.59 | 3.68 | 26.45 | 32.32 | 100 | 154 Peak | VERTICAL |
| 5 | 825.40 | 41.40 | 46.00 | -4.60 | 43.01 | 3.74 | 27.00 | 32.35 | 100 | 306 Peak | VERTICAL |
| 6 | 875.84 | 42.16 | 46.00 | -3.84 | 43.14 | 3.92 | 27.50 | 32.40 | 125 | 188 Peak | VERTICAL |
| 7 | 925.31 | 39.46 | 46.00 | -6.54 | 39.73 | 4.10 | 27.86 | 32.23 | 125 | 134 Peak | VERTICAL |



Horizontal 30 MHz to 1,000 MHz



| | Freq | Level | Limit Line | Over Limit | Read Level | CableAntenna Loss | Preamp Factor | A/Pos | T/Pos | Remark | Pol/Phase |
|---|--------|--------|------------|------------|------------|-------------------|---------------|-------|-------|----------|------------|
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB | dB/m | dB | cm | deg | |
| 1 | 575.14 | 40.69 | 46.00 | -5.31 | 45.06 | 3.20 | 24.75 | 32.32 | 150 | 99 Peak | HORIZONTAL |
| 2 | 625.58 | 41.33 | 46.00 | -4.67 | 45.27 | 3.28 | 25.21 | 32.43 | 150 | 121 Peak | HORIZONTAL |
| 3 | 725.49 | 42.01 | 46.00 | -3.99 | 44.97 | 3.55 | 25.90 | 32.41 | 125 | 85 Peak | HORIZONTAL |
| 4 | 774.96 | 43.11 | 46.00 | -2.89 | 45.30 | 3.68 | 26.45 | 32.32 | 125 | 107 QP | HORIZONTAL |
| 5 | 825.40 | 44.73 | 46.00 | -1.27 | 46.34 | 3.74 | 27.00 | 32.35 | 100 | 133 QP | HORIZONTAL |
| 6 | 874.87 | 44.99 | 46.00 | -1.01 | 45.97 | 3.92 | 27.50 | 32.40 | 100 | 129 QP | HORIZONTAL |
| 7 | 925.31 | 42.31 | 46.00 | -3.69 | 42.58 | 4.10 | 27.86 | 32.23 | 100 | 275 QP | HORIZONTAL |



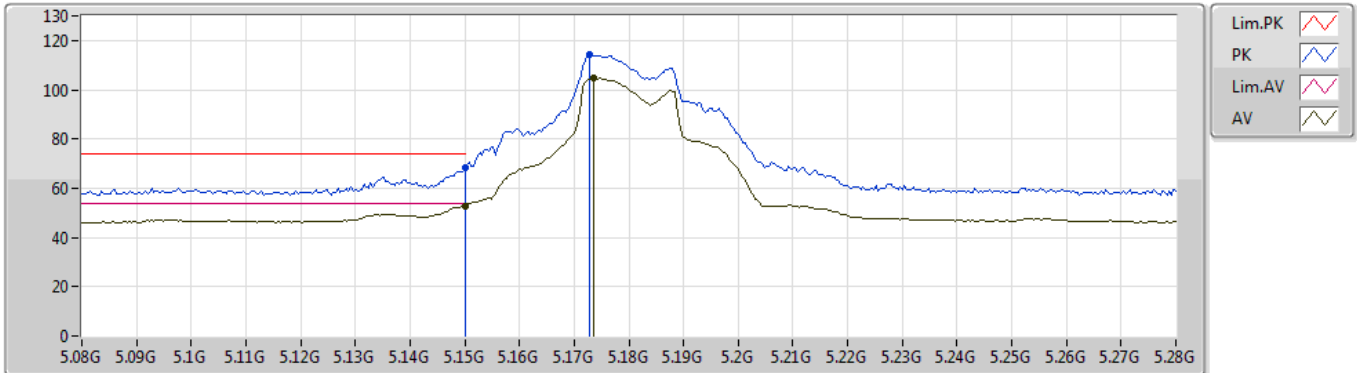
Summary

| Mode | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comments |
|--------------------------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|
| 5.725-5.85GHz | - | - | - | - | - | - | - | - | - | - | - | - |
| 802.11a_Nss1,(6Mbps)_2TX | Pass | PK | 17.3557G | 68.14 | 68.20 | -0.06 | 18.70 | 3 | Vertical | 146 | 1.66 | - |

802.11a_Nss1,(6Mbps)_2TX

02/12/2019

5180MHz_TX



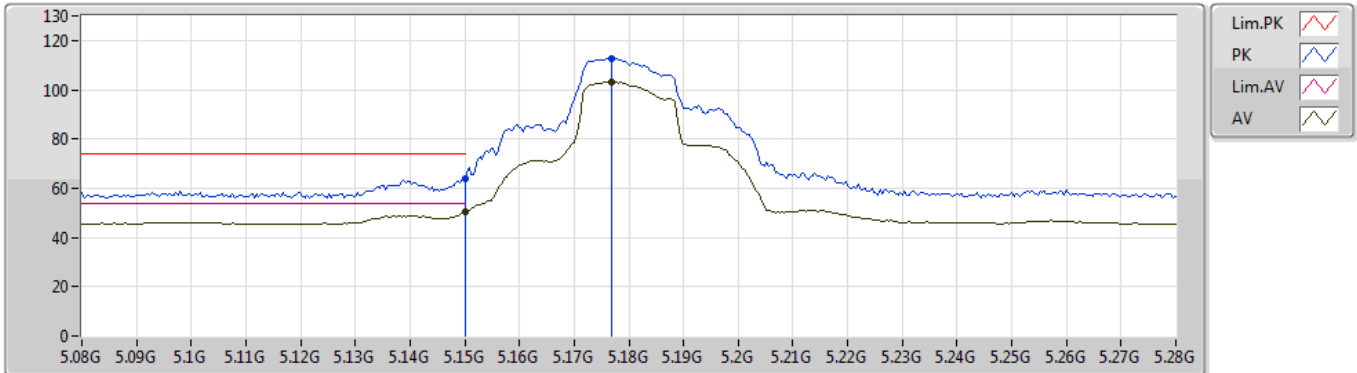
EUT_Z_2TX
Setting 20
06-D-C-4-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|
| PK | 5.15G | 68.39 | 74.00 | -5.61 | 5.72 | 3 | Vertical | 313 | 2.20 | - | 62.67 |
| AV | 5.15G | 52.93 | 54.00 | -1.07 | 5.72 | 3 | Vertical | 313 | 2.20 | - | 47.21 |
| PK | 5.1728G | 114.13 | Inf | -Inf | 5.59 | 3 | Vertical | 313 | 2.20 | - | 108.54 |
| AV | 5.1736G | 104.53 | Inf | -Inf | 5.58 | 3 | Vertical | 313 | 2.20 | - | 98.95 |

802.11a_Nss1,(6Mbps)_2TX

02/12/2019

5180MHz_TX



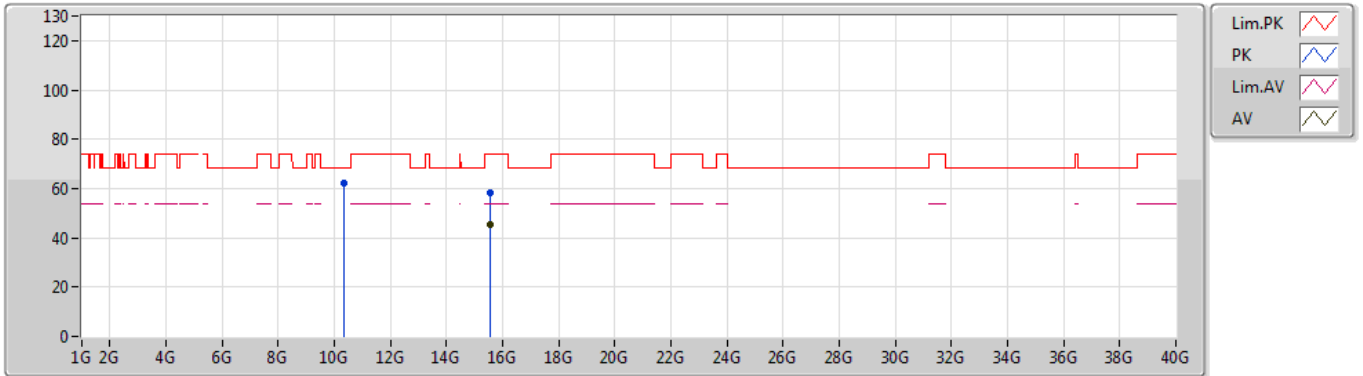
EUT_Z_2TX
Setting 20
06-D-C-4-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|
| PK | 5.15G | 64.15 | 74.00 | -9.85 | 5.72 | 3 | Horizontal | 301 | 2.35 | - | 58.43 |
| AV | 5.15G | 50.49 | 54.00 | -3.51 | 5.72 | 3 | Horizontal | 301 | 2.35 | - | 44.77 |
| PK | 5.1768G | 112.90 | Inf | -Inf | 5.57 | 3 | Horizontal | 301 | 2.35 | - | 107.33 |
| AV | 5.1768G | 103.26 | Inf | -Inf | 5.57 | 3 | Horizontal | 301 | 2.35 | - | 97.69 |

802.11a_Nss1,(6Mbps)_2TX

02/12/2019

5180MHz_TX



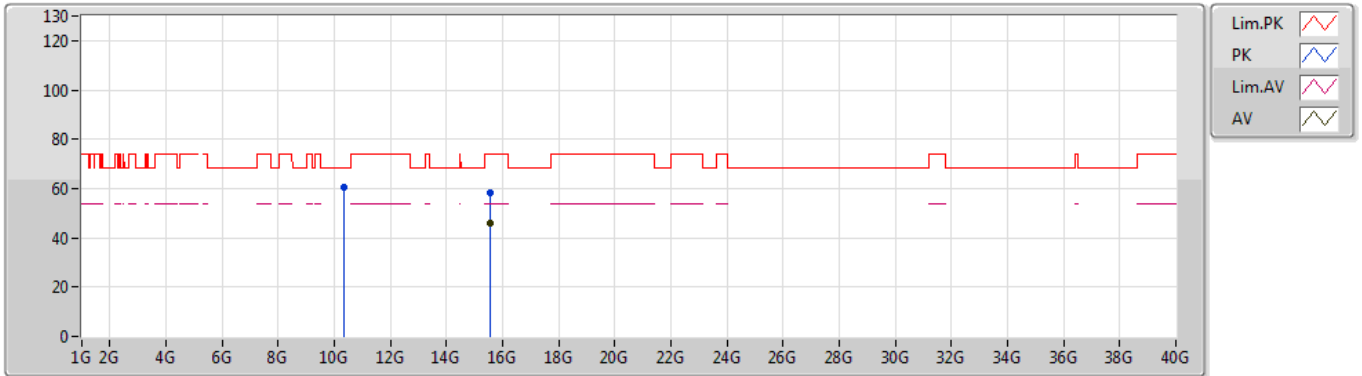
EUT_Z_2TX
Setting 20
06-D-C-4

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|
| PK | 10.36156G | 61.97 | 68.20 | -6.23 | 13.71 | 3 | Vertical | 224 | 1.90 | - | 48.26 |
| PK | 15.54096G | 58.31 | 74.00 | -15.69 | 14.14 | 3 | Vertical | 109 | 1.81 | - | 44.17 |
| AV | 15.54024G | 45.11 | 54.00 | -8.89 | 14.14 | 3 | Vertical | 109 | 1.81 | - | 30.97 |

802.11a_Nss1,(6Mbps)_2TX

02/12/2019

5180MHz_TX



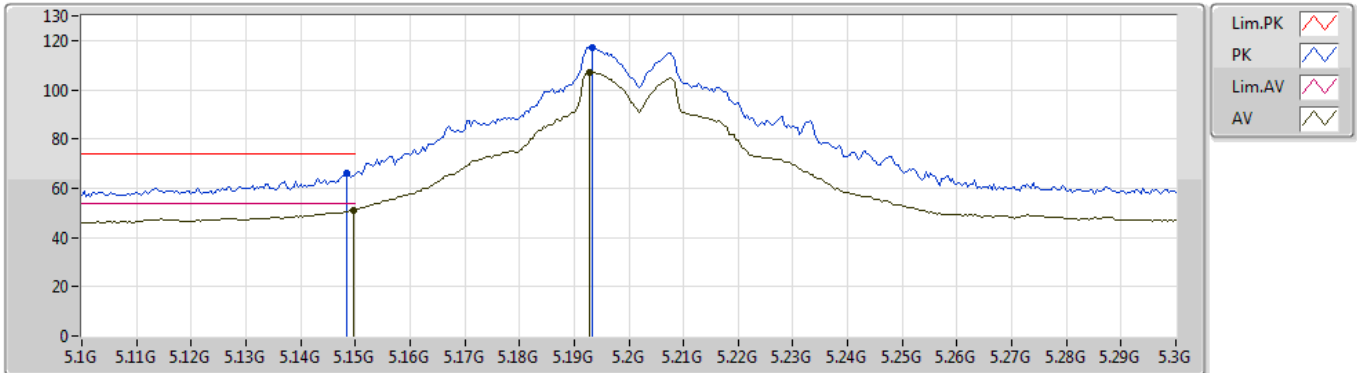
EUT_Z_2TX
Setting 20
06-D-C-4

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|
| PK | 10.36468G | 60.49 | 68.20 | -7.71 | 13.71 | 3 | Horizontal | 44 | 1.84 | - | 46.78 |
| PK | 15.56436G | 58.35 | 74.00 | -15.65 | 14.04 | 3 | Horizontal | 102 | 1.53 | - | 44.31 |
| AV | 15.54012G | 45.81 | 54.00 | -8.19 | 14.14 | 3 | Horizontal | 183 | 1.53 | - | 31.67 |

802.11a_Nss1,(6Mbps)_2TX

04/12/2019

5200MHz_TX



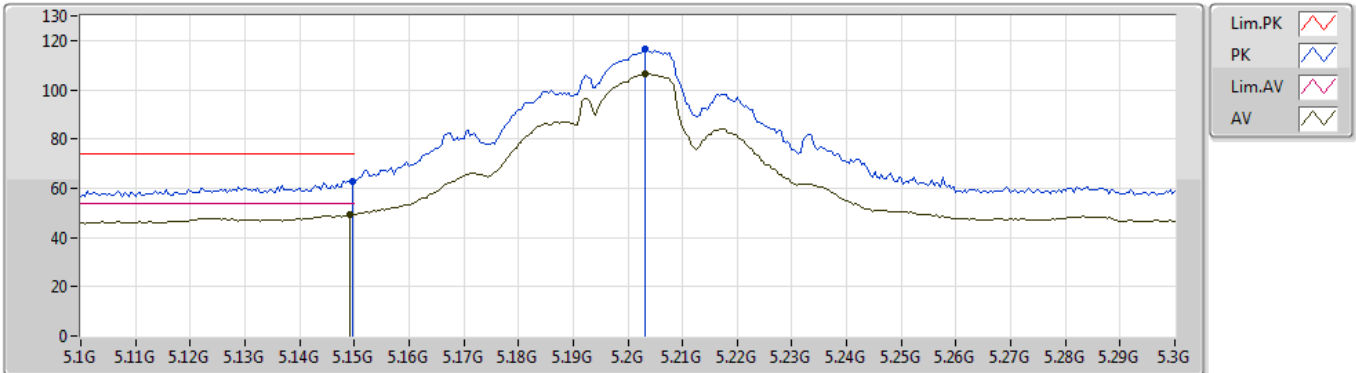
EUT_Z_2TX
Setting 25
03-C-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|
| PK | 5.1484G | 66.13 | 74.00 | -7.87 | 5.69 | 3 | Vertical | 302 | 2.00 | - | 60.44 |
| AV | 5.1496G | 51.17 | 54.00 | -2.83 | 5.69 | 3 | Vertical | 302 | 2.00 | - | 45.48 |
| PK | 5.1932G | 117.20 | Inf | -Inf | 5.80 | 3 | Vertical | 302 | 2.00 | - | 111.40 |
| AV | 5.1928G | 107.15 | Inf | -Inf | 5.80 | 3 | Vertical | 302 | 2.00 | - | 101.35 |

802.11a_Nss1,(6Mbps)_2TX

04/12/2019

5200MHz_TX



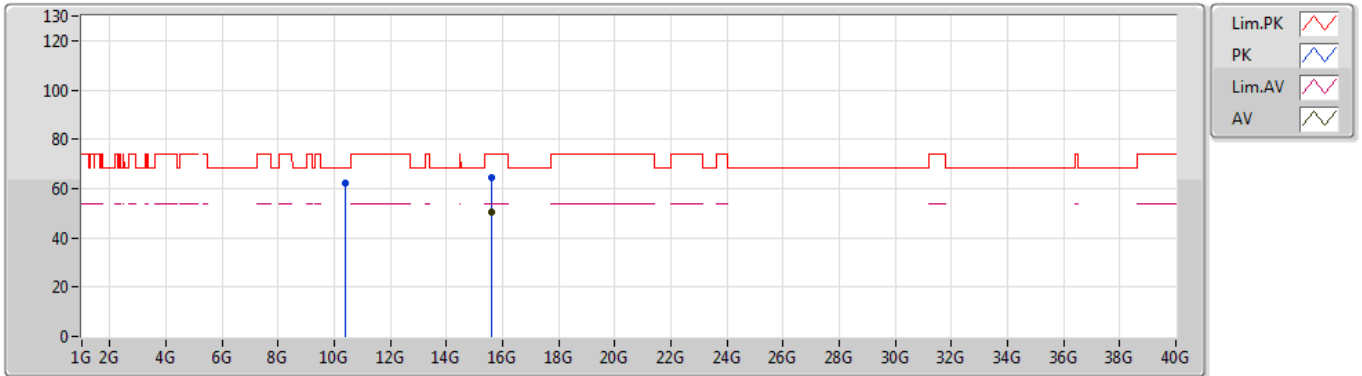
EUT_Z_2TX
Setting 25
03-C-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|
| PK | 5.1496G | 63.01 | 74.00 | -10.99 | 5.69 | 3 | Horizontal | 329 | 2.05 | - | 57.32 |
| AV | 5.1492G | 49.52 | 54.00 | -4.48 | 5.69 | 3 | Horizontal | 329 | 2.05 | - | 43.83 |
| PK | 5.2032G | 116.51 | Inf | -Inf | 5.83 | 3 | Horizontal | 329 | 2.05 | - | 110.68 |
| AV | 5.2032G | 106.74 | Inf | -Inf | 5.83 | 3 | Horizontal | 329 | 2.05 | - | 100.91 |

802.11a_Nss1,(6Mbps)_2TX

04/12/2019

5200MHz_TX



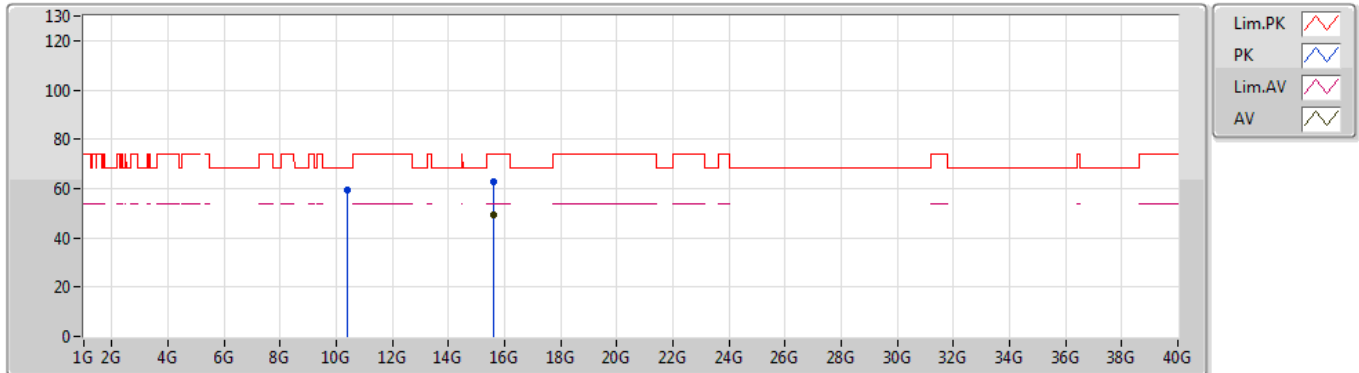
EUT_Z_2TX
Setting 25
03-C-A-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|
| PK | 10.4022G | 62.24 | 68.20 | -5.96 | 12.67 | 3 | Vertical | 302 | 1.81 | - | 49.57 |
| PK | 15.6004G | 64.53 | 74.00 | -9.47 | 14.02 | 3 | Vertical | 234 | 1.72 | - | 50.51 |
| AV | 15.6044G | 50.35 | 54.00 | -3.65 | 14.01 | 3 | Vertical | 234 | 1.72 | - | 36.34 |

802.11a_Nss1,(6Mbps)_2TX

04/12/2019

5200MHz_TX



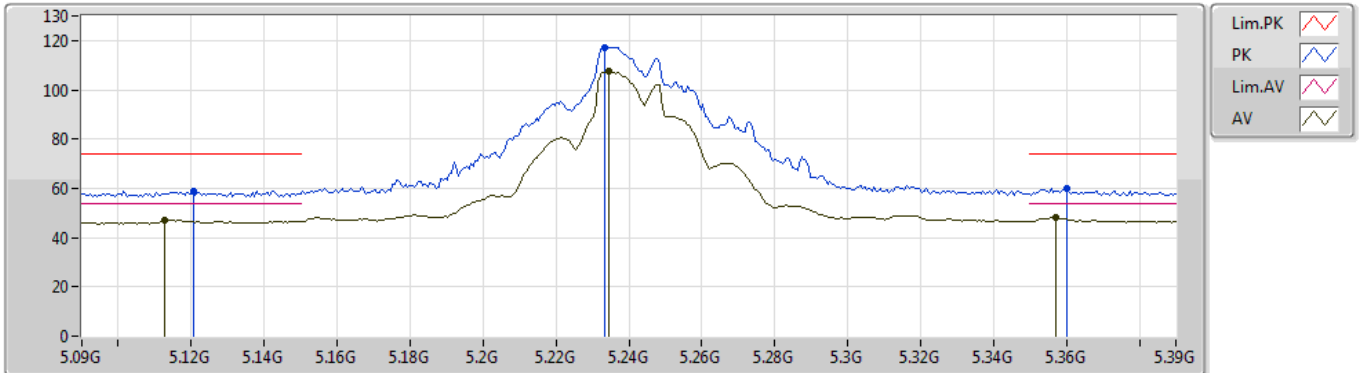
EUT_Z_2TX
Setting 25
03-C-A-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|
| PK | 10.4019G | 59.40 | 68.20 | -8.80 | 12.67 | 3 | Horizontal | 33 | 1.77 | - | 46.73 |
| PK | 15.6025G | 63.01 | 74.00 | -10.99 | 14.01 | 3 | Horizontal | 36 | 1.63 | - | 49.00 |
| AV | 15.6033G | 49.07 | 54.00 | -4.93 | 14.01 | 3 | Horizontal | 36 | 1.63 | - | 35.06 |

802.11a_Nss1,(6Mbps)_2TX

04/12/2019

5240MHz_TX



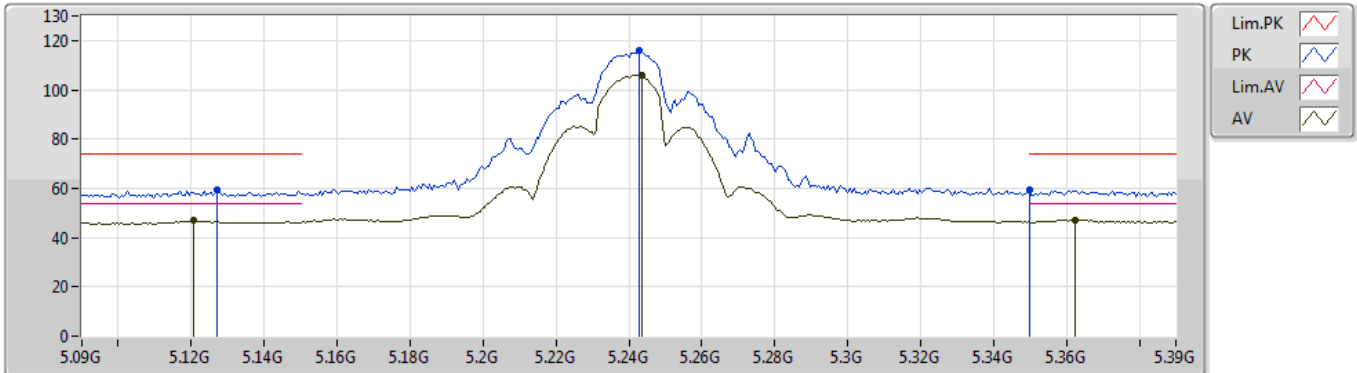
EUT_Z_2TX
Setting 25
03-C-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|
| PK | 5.1206G | 58.92 | 74.00 | -15.08 | 5.61 | 3 | Vertical | 312 | 2.07 | - | 53.31 |
| AV | 5.1128G | 47.10 | 54.00 | -6.90 | 5.58 | 3 | Vertical | 312 | 2.07 | - | 41.52 |
| PK | 5.2334G | 117.38 | Inf | -Inf | 5.87 | 3 | Vertical | 312 | 2.07 | - | 111.51 |
| AV | 5.2346G | 107.42 | Inf | -Inf | 5.87 | 3 | Vertical | 312 | 2.07 | - | 101.55 |
| PK | 5.366G | 60.05 | 74.00 | -13.95 | 5.99 | 3 | Vertical | 312 | 2.07 | - | 54.06 |
| AV | 5.357G | 48.01 | 54.00 | -5.99 | 5.99 | 3 | Vertical | 312 | 2.07 | - | 42.02 |

802.11a_Nss1,(6Mbps)_2TX

04/12/2019

5240MHz_TX



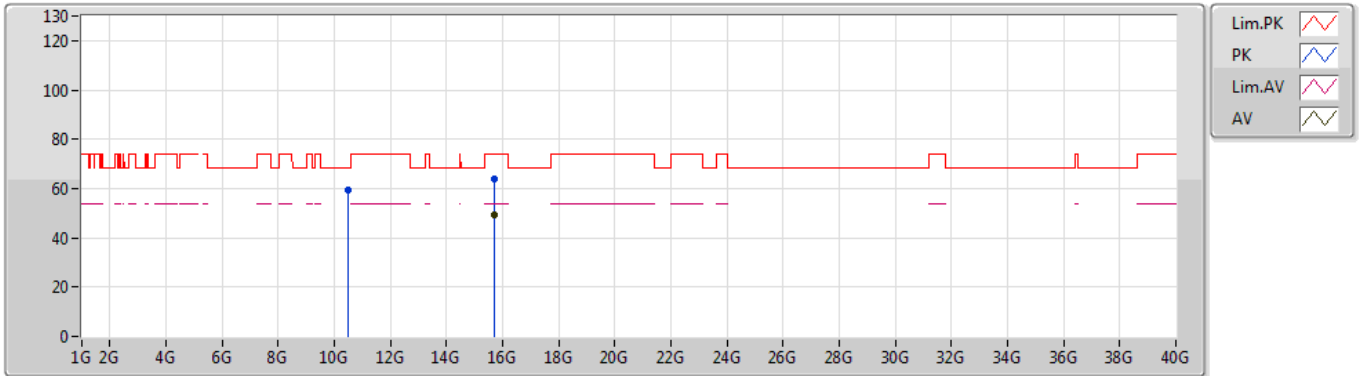
EUT_Z_2TX
Setting 25
03-C-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|
| PK | 5.1272G | 59.18 | 74.00 | -14.82 | 5.63 | 3 | Horizontal | 320 | 2.14 | - | 53.55 |
| AV | 5.1206G | 46.84 | 54.00 | -7.16 | 5.61 | 3 | Horizontal | 320 | 2.14 | - | 41.23 |
| PK | 5.243G | 115.80 | Inf | -Inf | 5.89 | 3 | Horizontal | 320 | 2.14 | - | 109.91 |
| AV | 5.2436G | 105.97 | Inf | -Inf | 5.89 | 3 | Horizontal | 320 | 2.14 | - | 100.08 |
| PK | 5.35G | 59.20 | 74.00 | -14.80 | 5.98 | 3 | Horizontal | 320 | 2.14 | - | 53.22 |
| AV | 5.3624G | 47.22 | 54.00 | -6.78 | 5.99 | 3 | Horizontal | 320 | 2.14 | - | 41.23 |

802.11a_Nss1,(6Mbps)_2TX

04/12/2019

5240MHz_TX



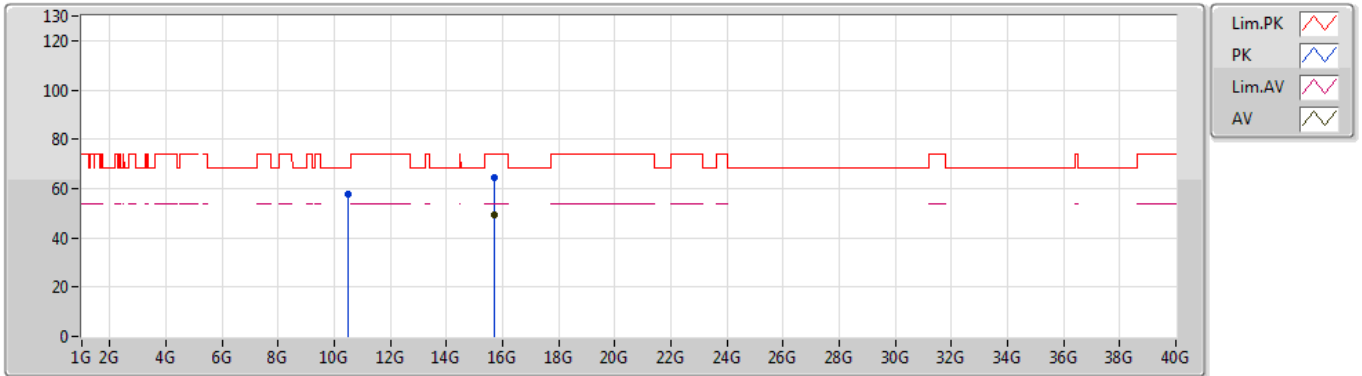
EUT_Z_2TX
Setting 25
03-C-A-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|
| PK | 10.4795G | 59.60 | 68.20 | -8.60 | 12.77 | 3 | Vertical | 301 | 1.75 | - | 46.83 |
| PK | 15.7204G | 63.87 | 74.00 | -10.13 | 13.52 | 3 | Vertical | 233 | 1.74 | - | 50.35 |
| AV | 15.723G | 49.46 | 54.00 | -4.54 | 13.51 | 3 | Vertical | 233 | 1.74 | - | 35.95 |

802.11a_Nss1,(6Mbps)_2TX

04/12/2019

5240MHz_TX



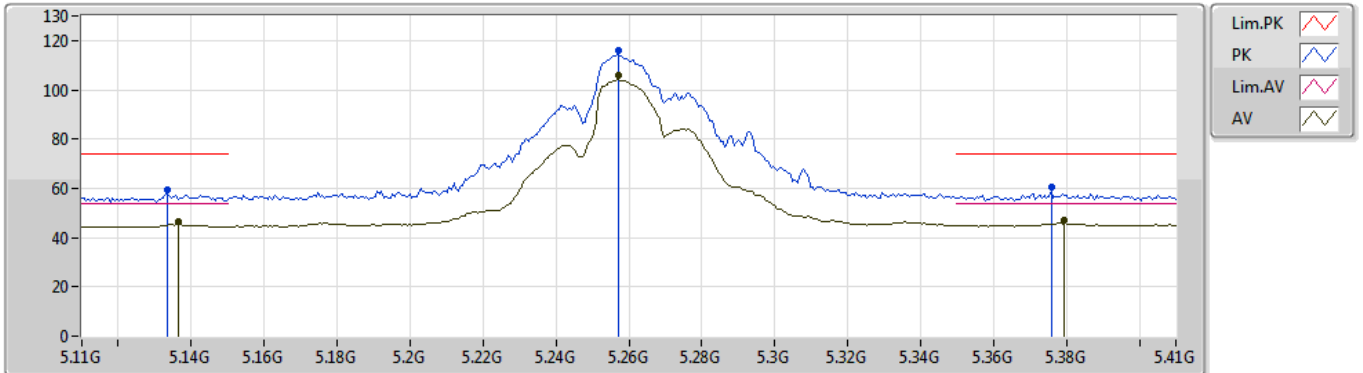
EUT_Z_2TX
Setting 25
03-C-A-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|
| PK | 10.4804G | 57.97 | 68.20 | -10.23 | 12.77 | 3 | Horizontal | 313 | 2.34 | - | 45.20 |
| PK | 15.7207G | 64.53 | 74.00 | -9.47 | 13.52 | 3 | Horizontal | 116 | 1.70 | - | 51.01 |
| AV | 15.7279G | 49.25 | 54.00 | -4.75 | 13.49 | 3 | Horizontal | 116 | 1.70 | - | 35.76 |

802.11a_Nss1,(6Mbps)_2TX

06/12/2019

5260MHz_TX



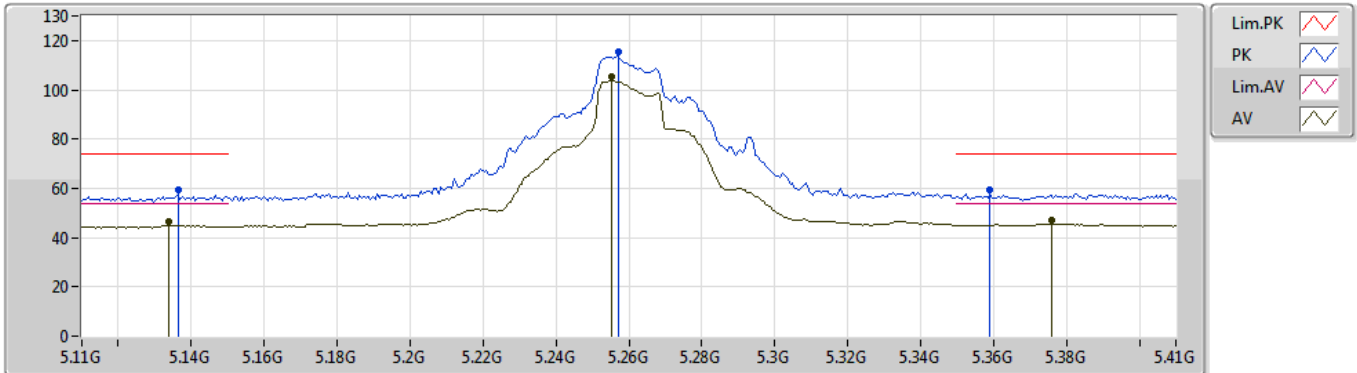
EUT_Z_2TX
Setting 25
03-C-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|
| PK | 5.1334G | 59.63 | 74.00 | -14.37 | 5.64 | 3 | Vertical | 328 | 2.88 | - | 53.99 |
| AV | 5.1364G | 46.76 | 54.00 | -7.24 | 5.66 | 3 | Vertical | 328 | 2.88 | - | 41.10 |
| PK | 5.257G | 115.97 | Inf | -Inf | 5.90 | 3 | Vertical | 328 | 2.88 | - | 110.07 |
| AV | 5.257G | 105.72 | Inf | -Inf | 5.90 | 3 | Vertical | 328 | 2.88 | - | 99.82 |
| PK | 5.3758G | 60.38 | 74.00 | -13.62 | 6.00 | 3 | Vertical | 328 | 2.88 | - | 54.38 |
| AV | 5.3794G | 47.21 | 54.00 | -6.79 | 6.00 | 3 | Vertical | 328 | 2.88 | - | 41.21 |

802.11a_Nss1,(6Mbps)_2TX

06/12/2019

5260MHz_TX



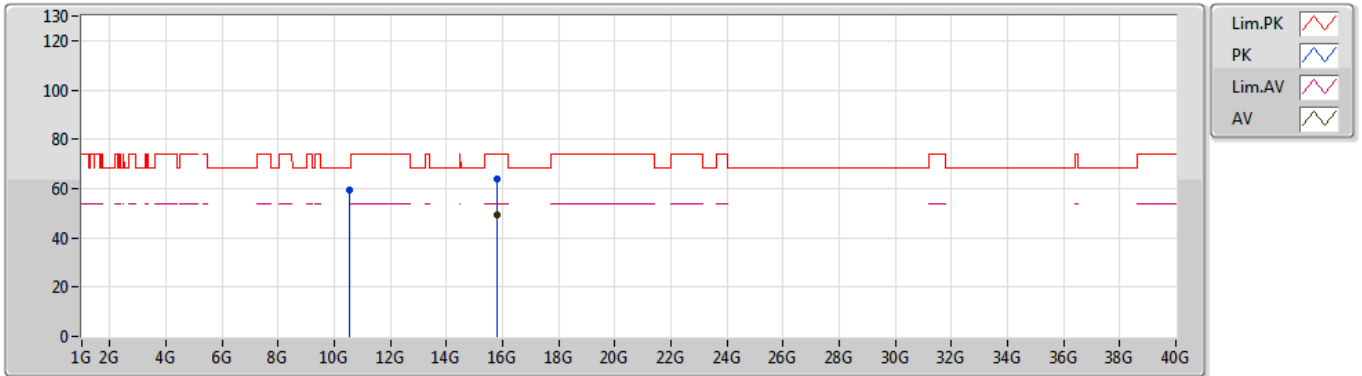
EUT_Z_2TX
Setting 25
03-C-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|
| PK | 5.1364G | 59.28 | 74.00 | -14.72 | 5.66 | 3 | Horizontal | 303 | 2.24 | - | 53.62 |
| AV | 5.134G | 46.37 | 54.00 | -7.63 | 5.64 | 3 | Horizontal | 303 | 2.24 | - | 40.73 |
| PK | 5.257G | 115.38 | Inf | -Inf | 5.90 | 3 | Horizontal | 303 | 2.24 | - | 109.48 |
| AV | 5.2552G | 105.44 | Inf | -Inf | 5.90 | 3 | Horizontal | 303 | 2.24 | - | 99.54 |
| PK | 5.359G | 59.35 | 74.00 | -14.65 | 5.99 | 3 | Horizontal | 303 | 2.24 | - | 53.36 |
| AV | 5.3758G | 46.94 | 54.00 | -7.06 | 6.00 | 3 | Horizontal | 303 | 2.24 | - | 40.94 |

802.11a_Nss1,(6Mbps)_2TX

06/12/2019

5260MHz_TX



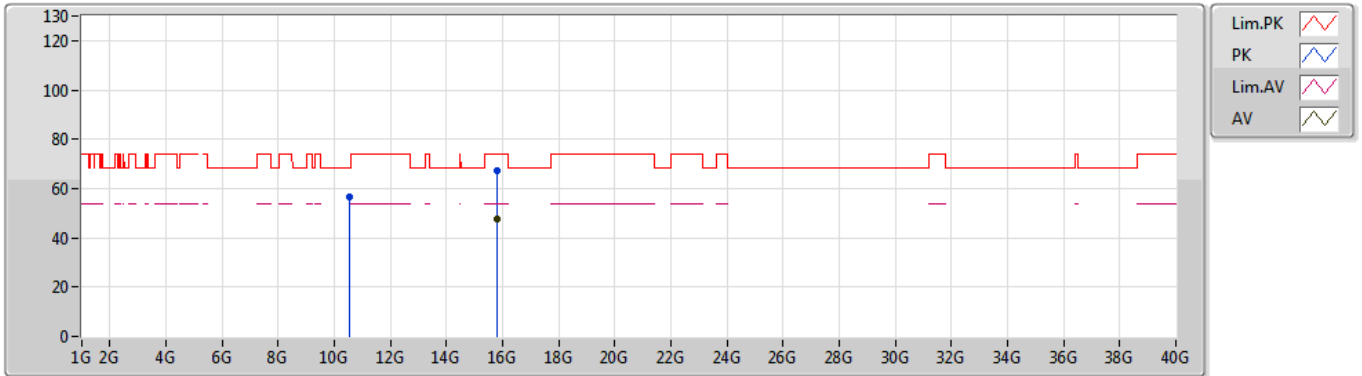
EUT_Z_2TX
Setting 25
03-C-A-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|
| PK | 10.5213G | 59.23 | 68.20 | -8.97 | 12.81 | 3 | Vertical | 326 | 1.79 | - | 46.42 |
| PK | 15.7801G | 63.98 | 74.00 | -10.02 | 13.27 | 3 | Vertical | 232 | 1.69 | - | 50.71 |
| AV | 15.7846G | 49.40 | 54.00 | -4.60 | 13.26 | 3 | Vertical | 232 | 1.69 | - | 36.14 |

802.11a_Nss1,(6Mbps)_2TX

06/12/2019

5260MHz_TX



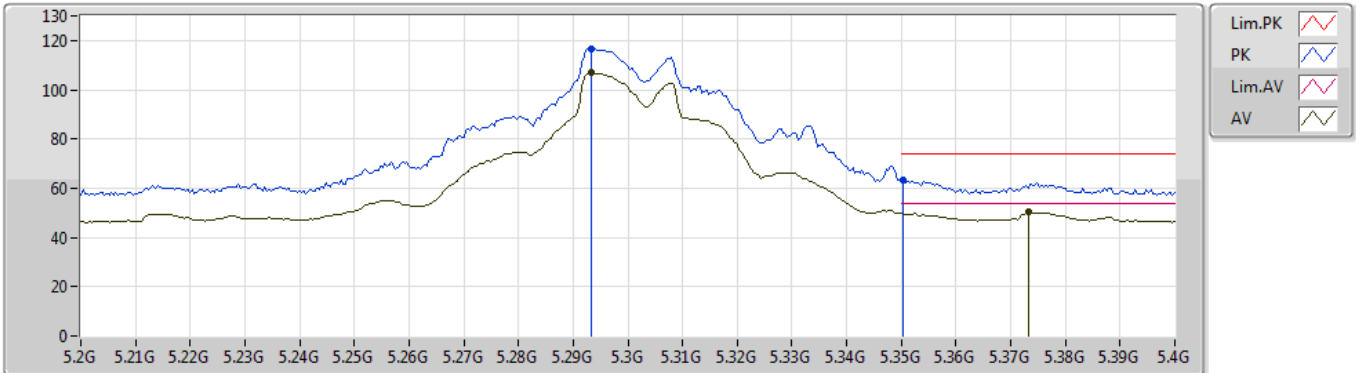
EUT_Z_2TX
Setting 25
03-C-A-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|
| PK | 10.5208G | 56.71 | 68.20 | -11.49 | 12.81 | 3 | Horizontal | 311 | 2.28 | - | 43.90 |
| PK | 15.7807G | 67.25 | 74.00 | -6.75 | 13.27 | 3 | Horizontal | 38 | 1.69 | - | 53.98 |
| AV | 15.7832G | 47.72 | 54.00 | -6.28 | 13.26 | 3 | Horizontal | 38 | 1.69 | - | 34.46 |

802.11a_Nss1,(6Mbps)_2TX

04/12/2019

5300MHz_TX



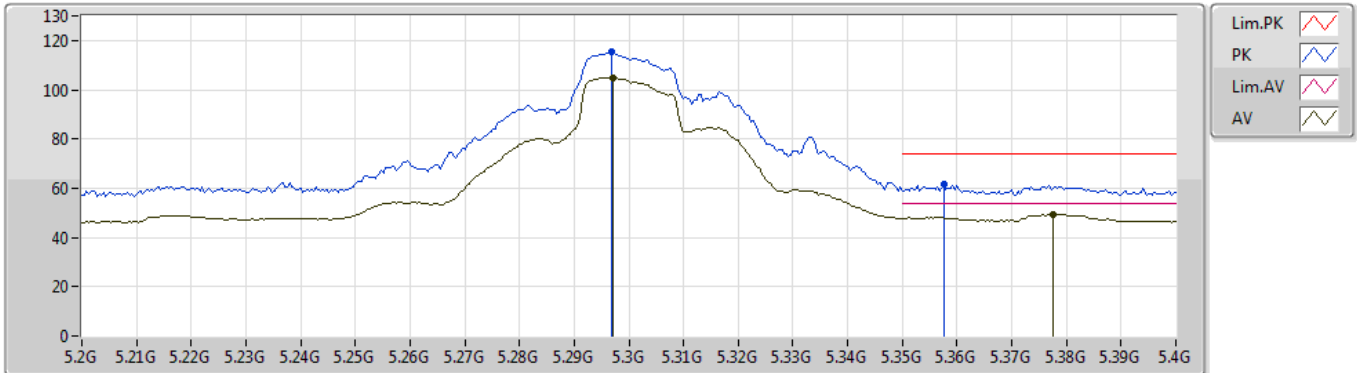
EUT_Z_2TX
Setting 25
03-C-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|
| PK | 5.2932G | 116.80 | Inf | -Inf | 5.96 | 3 | Vertical | 307 | 1.93 | - | 110.84 |
| AV | 5.2932G | 106.85 | Inf | -Inf | 5.96 | 3 | Vertical | 307 | 1.93 | - | 100.89 |
| PK | 5.3504G | 63.05 | 74.00 | -10.95 | 5.98 | 3 | Vertical | 307 | 1.93 | - | 57.07 |
| AV | 5.3732G | 50.18 | 54.00 | -3.82 | 5.99 | 3 | Vertical | 307 | 1.93 | - | 44.19 |

802.11a_Nss1,(6Mbps)_2TX

04/12/2019

5300MHz_TX



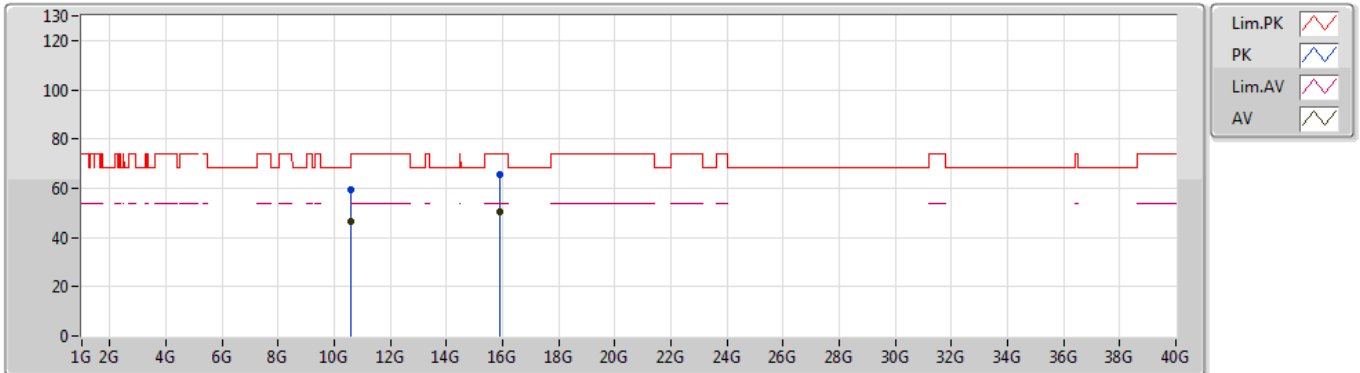
EUT_Z_2TX
Setting 25
03-C-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|
| PK | 5.2968G | 115.16 | Inf | -Inf | 5.96 | 3 | Horizontal | 308 | 2.20 | - | 109.20 |
| AV | 5.2972G | 104.83 | Inf | -Inf | 5.96 | 3 | Horizontal | 308 | 2.20 | - | 98.87 |
| PK | 5.3576G | 61.41 | 74.00 | -12.59 | 5.99 | 3 | Horizontal | 308 | 2.20 | - | 55.42 |
| AV | 5.3776G | 49.49 | 54.00 | -4.51 | 6.00 | 3 | Horizontal | 308 | 2.20 | - | 43.49 |

802.11a_Nss1,(6Mbps)_2TX

04/12/2019

5300MHz_TX



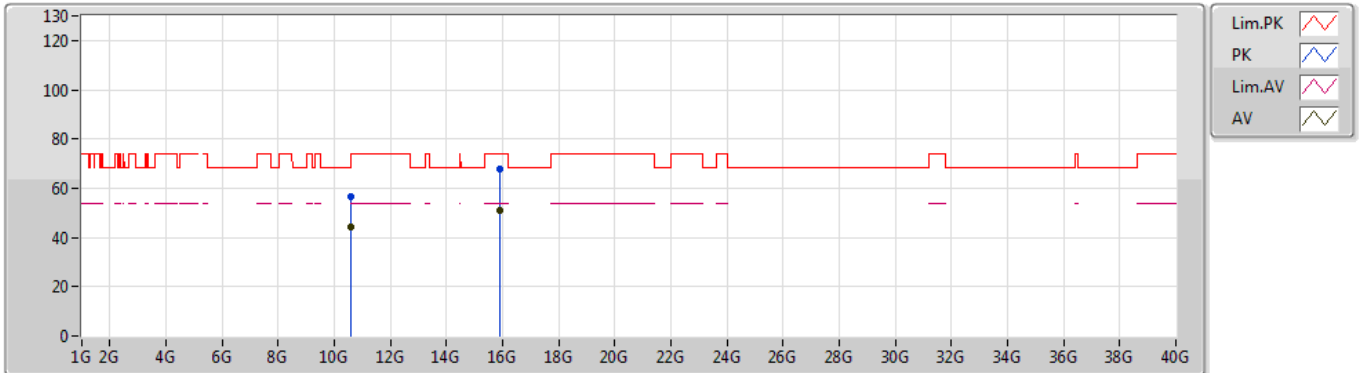
EUT_Z_2TX
Setting 25
03-C-A-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|
| PK | 10.6011G | 59.62 | 74.00 | -14.38 | 12.91 | 3 | Vertical | 324 | 1.85 | - | 46.71 |
| AV | 10.6006G | 46.31 | 54.00 | -7.69 | 12.91 | 3 | Vertical | 324 | 1.85 | - | 33.40 |
| PK | 15.9006G | 65.35 | 74.00 | -8.65 | 12.77 | 3 | Vertical | 232 | 1.71 | - | 52.58 |
| AV | 15.9048G | 50.46 | 54.00 | -3.54 | 12.76 | 3 | Vertical | 232 | 1.71 | - | 37.70 |

802.11a_Nss1,(6Mbps)_2TX

04/12/2019

5300MHz_TX



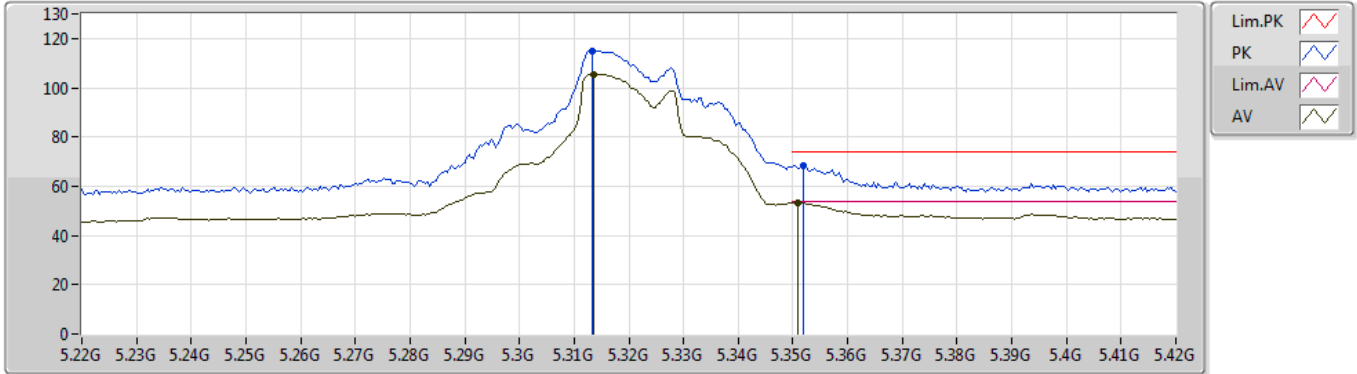
EUT_Z_2TX
Setting 25
03-C-A-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|
| PK | 10.6016G | 56.66 | 74.00 | -17.34 | 12.91 | 3 | Horizontal | 311 | 2.33 | - | 43.75 |
| AV | 10.6003G | 44.27 | 54.00 | -9.73 | 12.91 | 3 | Horizontal | 311 | 2.33 | - | 31.36 |
| PK | 15.9028G | 67.54 | 74.00 | -6.46 | 12.76 | 3 | Horizontal | 119 | 1.74 | - | 54.78 |
| AV | 15.9069G | 51.09 | 54.00 | -2.91 | 12.74 | 3 | Horizontal | 119 | 1.74 | - | 38.35 |

802.11a_Nss1,(6Mbps)_2TX

02/12/2019

5320MHz_TX



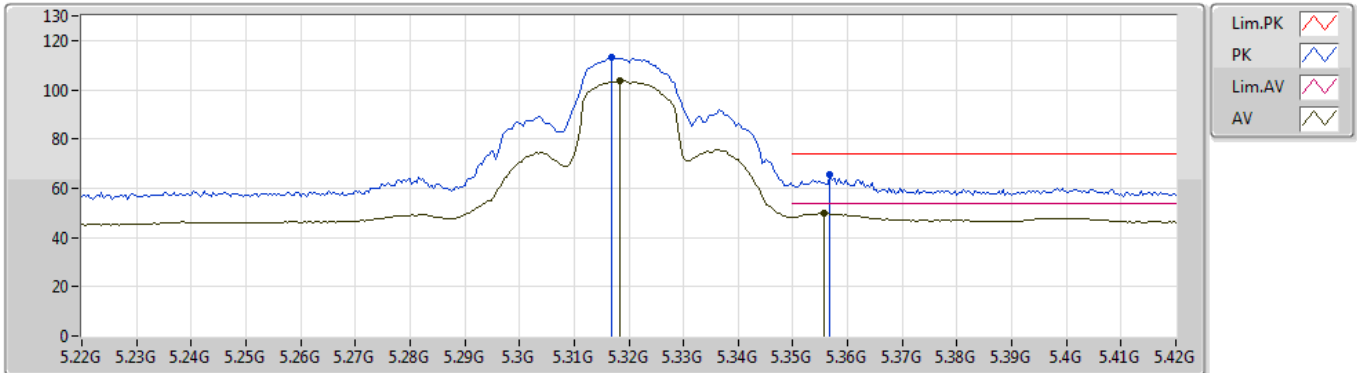
EUT_Z_2TX
Setting 20
06-D-C-4-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|
| PK | 5.3132G | 114.90 | Inf | -Inf | 5.16 | 3 | Vertical | 309 | 2.22 | - | 109.74 |
| AV | 5.3136G | 105.40 | Inf | -Inf | 5.16 | 3 | Vertical | 309 | 2.22 | - | 100.24 |
| PK | 5.352G | 68.31 | 74.00 | -5.69 | 5.37 | 3 | Vertical | 309 | 2.22 | - | 62.94 |
| AV | 5.3508G | 53.39 | 54.00 | -0.61 | 5.36 | 3 | Vertical | 309 | 2.22 | - | 48.03 |

802.11a_Nss1,(6Mbps)_2TX

02/12/2019

5320MHz_TX



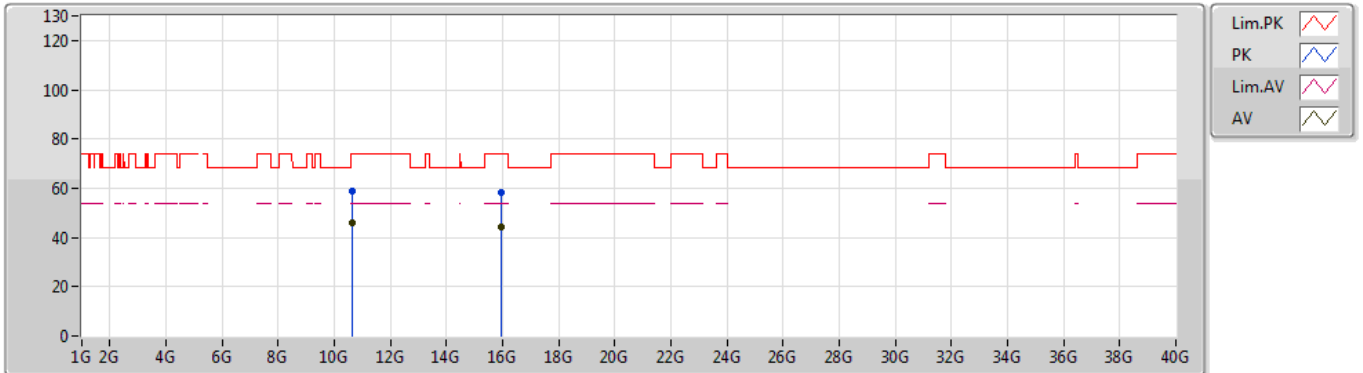
EUT_Z_2TX
Setting 20
06-D-C-4-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|
| PK | 5.3168G | 113.11 | Inf | -Inf | 5.18 | 3 | Horizontal | 308 | 2.26 | - | 107.93 |
| AV | 5.3184G | 103.46 | Inf | -Inf | 5.19 | 3 | Horizontal | 308 | 2.26 | - | 98.27 |
| PK | 5.3568G | 65.54 | 74.00 | -8.46 | 5.40 | 3 | Horizontal | 308 | 2.26 | - | 60.14 |
| AV | 5.3556G | 49.70 | 54.00 | -4.30 | 5.40 | 3 | Horizontal | 308 | 2.26 | - | 44.30 |

802.11a_Nss1,(6Mbps)_2TX

02/12/2019

5320MHz_TX



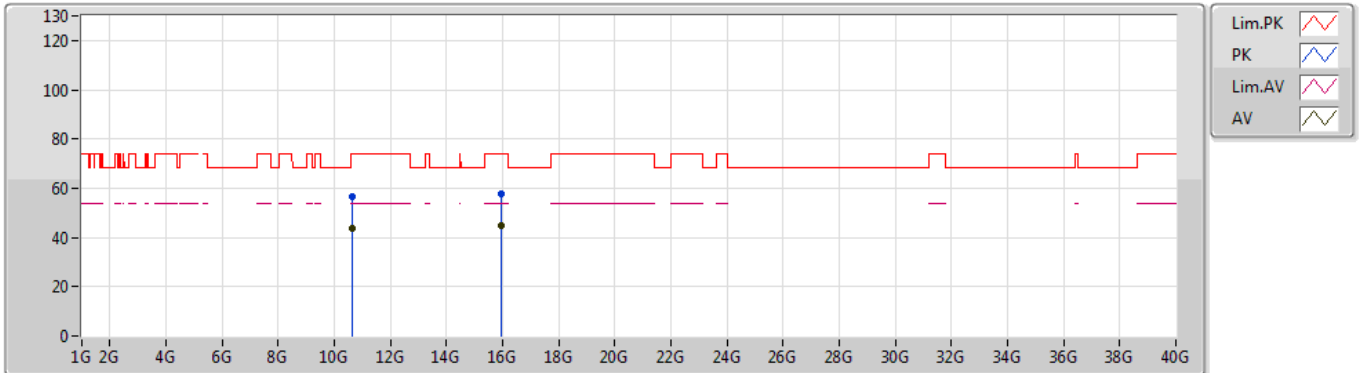
EUT_Z_2TX
Setting 20
06-D-C-4

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|
| PK | 10.6382G | 59.10 | 74.00 | -14.90 | 14.15 | 3 | Vertical | 34 | 1.86 | - | 44.95 |
| AV | 10.63808G | 45.77 | 54.00 | -8.23 | 14.15 | 3 | Vertical | 34 | 1.86 | - | 31.62 |
| PK | 15.96624G | 58.22 | 74.00 | -15.78 | 12.53 | 3 | Vertical | 199 | 1.79 | - | 45.69 |
| AV | 15.96228G | 44.21 | 54.00 | -9.79 | 12.54 | 3 | Vertical | 199 | 1.79 | - | 31.67 |

802.11a_Nss1,(6Mbps)_2TX

02/12/2019

5320MHz_TX



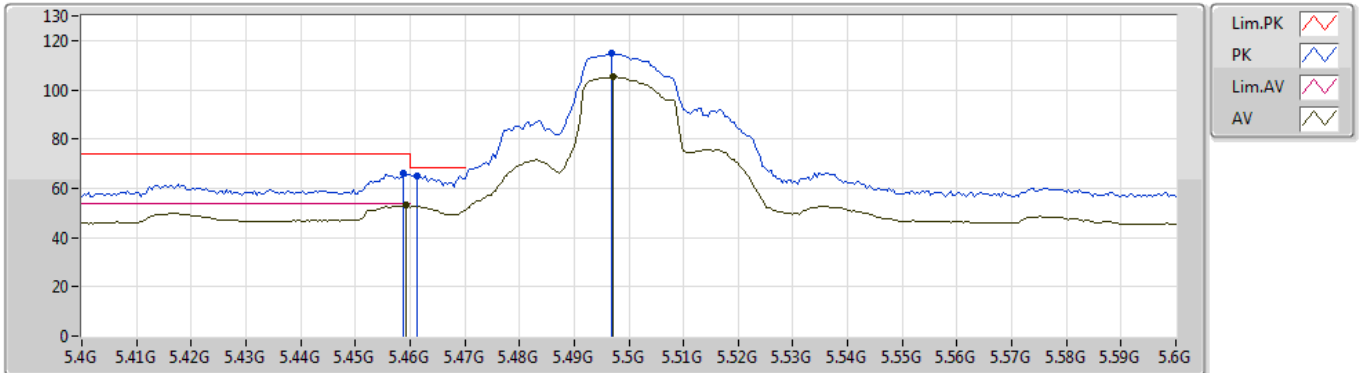
EUT_Z_2TX
Setting 20
06-D-C-4

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|
| PK | 10.64792G | 56.86 | 74.00 | -17.14 | 14.16 | 3 | Horizontal | 220 | 1.32 | - | 42.70 |
| AV | 10.64908G | 43.58 | 54.00 | -10.42 | 14.16 | 3 | Horizontal | 220 | 1.32 | - | 29.42 |
| PK | 15.95772G | 57.61 | 74.00 | -16.39 | 12.56 | 3 | Horizontal | 126 | 1.59 | - | 45.05 |
| AV | 15.957G | 44.58 | 54.00 | -9.42 | 12.56 | 3 | Horizontal | 126 | 1.59 | - | 32.02 |

802.11a_Nss1,(6Mbps)_2TX

02/12/2019

5500MHz_TX



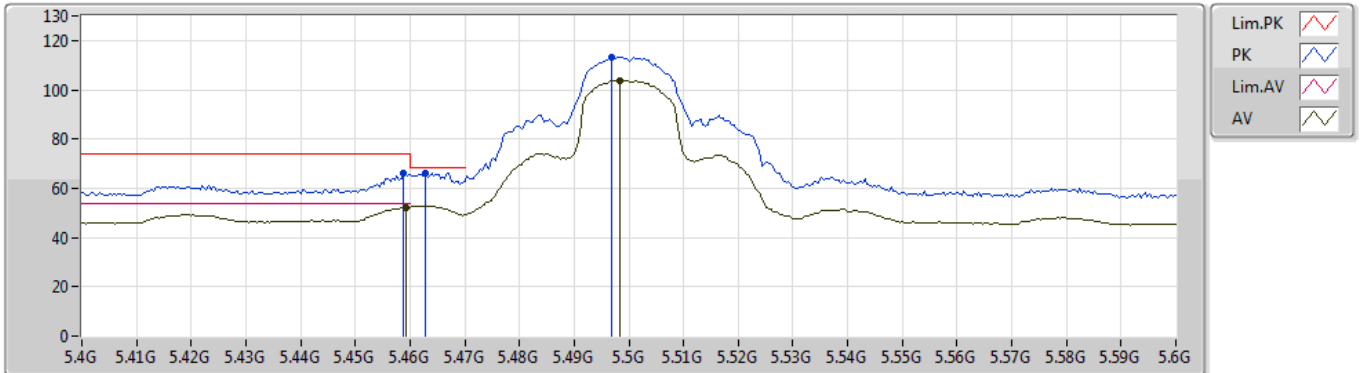
EUT_Z_2TX
Setting 19
06-D-C-4-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|
| PK | 5.4588G | 66.24 | 74.00 | -7.76 | 5.73 | 3 | Vertical | 317 | 2.20 | - | 60.51 |
| AV | 5.4592G | 53.03 | 54.00 | -0.97 | 5.73 | 3 | Vertical | 317 | 2.20 | - | 47.30 |
| PK | 5.4612G | 65.16 | 68.20 | -3.04 | 5.73 | 3 | Vertical | 317 | 2.20 | - | 59.43 |
| PK | 5.4968G | 114.93 | Inf | -Inf | 5.78 | 3 | Vertical | 317 | 2.20 | - | 109.15 |
| AV | 5.4972G | 105.34 | Inf | -Inf | 5.78 | 3 | Vertical | 317 | 2.20 | - | 99.56 |

802.11a_Nss1,(6Mbps)_2TX

02/12/2019

5500MHz_TX



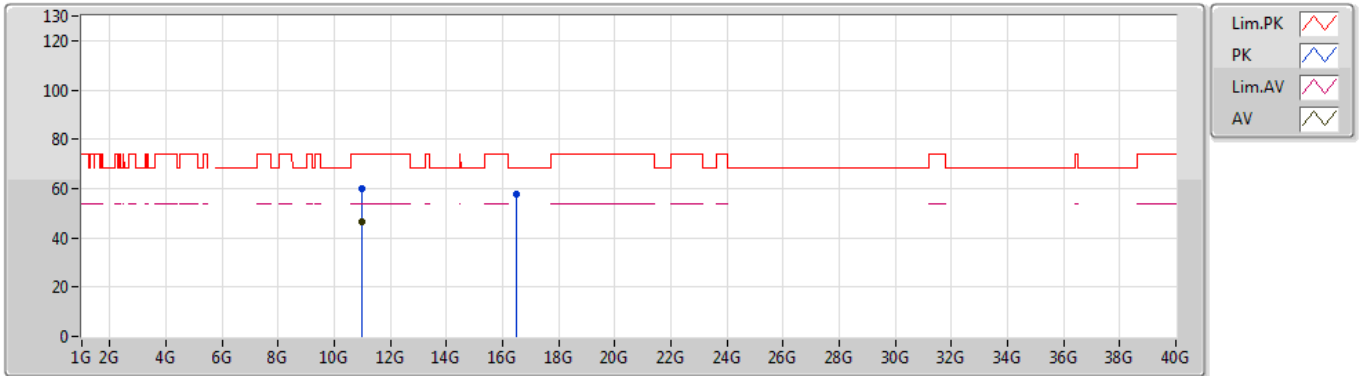
EUT_Z_2TX
Setting 19
06-D-C-4-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|
| PK | 5.4588G | 65.96 | 74.00 | -8.04 | 5.73 | 3 | Horizontal | 308 | 2.23 | - | 60.23 |
| AV | 5.4592G | 52.34 | 54.00 | -1.66 | 5.73 | 3 | Horizontal | 308 | 2.23 | - | 46.61 |
| PK | 5.4628G | 66.32 | 68.20 | -1.88 | 5.74 | 3 | Horizontal | 308 | 2.23 | - | 60.58 |
| PK | 5.4968G | 113.14 | Inf | -Inf | 5.78 | 3 | Horizontal | 308 | 2.23 | - | 107.36 |
| AV | 5.4984G | 103.83 | Inf | -Inf | 5.79 | 3 | Horizontal | 308 | 2.23 | - | 98.04 |

802.11a_Nss1,(6Mbps)_2TX

02/12/2019

5500MHz_TX



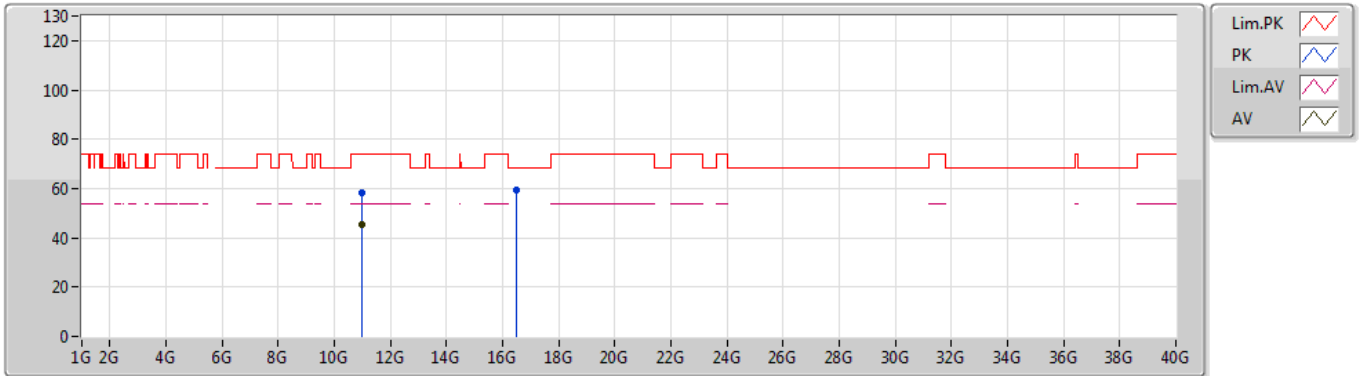
EUT_Z_2TX
Setting 19
06-D-C-4

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|
| PK | 10.99292G | 59.92 | 74.00 | -14.08 | 14.71 | 3 | Vertical | 175 | 1.61 | - | 45.21 |
| AV | 10.994G | 46.75 | 54.00 | -7.25 | 14.71 | 3 | Vertical | 175 | 1.61 | - | 32.04 |
| PK | 16.50264G | 57.96 | 68.20 | -10.24 | 14.29 | 3 | Vertical | 257 | 1.37 | - | 43.67 |

802.11a_Nss1,(6Mbps)_2TX

02/12/2019

5500MHz_TX



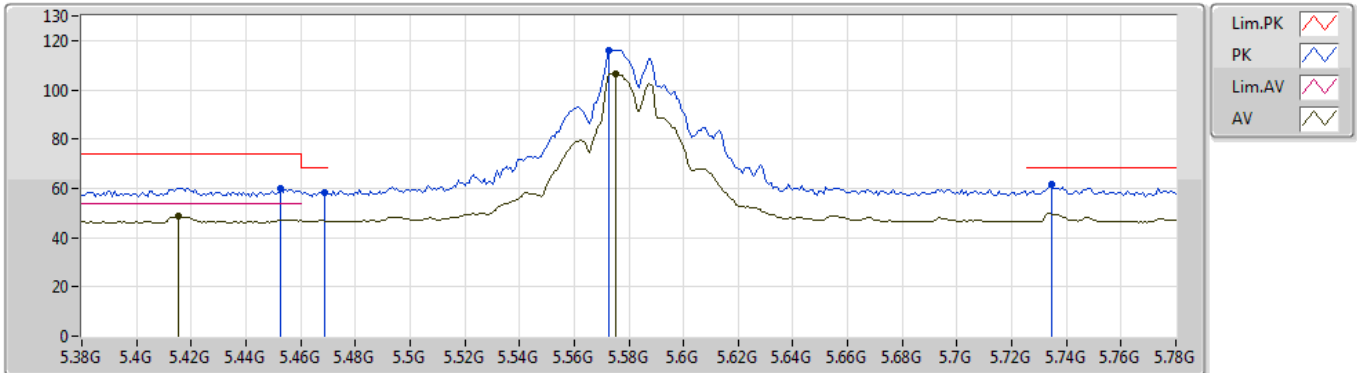
EUT_Z_2TX
Setting 19
06-D-C-4

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|
| PK | 11G | 58.05 | 74.00 | -15.95 | 14.72 | 3 | Horizontal | 306 | 1.43 | - | 43.33 |
| AV | 11.00036G | 45.28 | 54.00 | -8.72 | 14.72 | 3 | Horizontal | 306 | 1.43 | - | 30.56 |
| PK | 16.49484G | 59.40 | 68.20 | -8.80 | 14.26 | 3 | Horizontal | 238 | 1.71 | - | 45.14 |

802.11a_Nss1,(6Mbps)_2TX

04/12/2019

5580MHz_TX



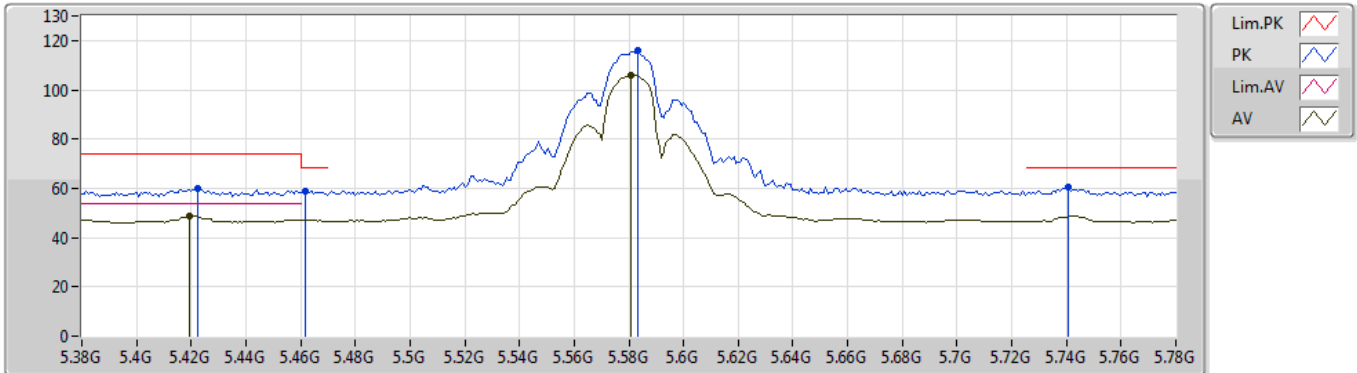
EUT_Z_2TX
Setting 25
03-C-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|
| PK | 5.4528G | 60.14 | 74.00 | -13.86 | 6.14 | 3 | Vertical | 249 | 2.12 | - | 54.00 |
| AV | 5.4152G | 48.58 | 54.00 | -5.42 | 6.05 | 3 | Vertical | 249 | 2.12 | - | 42.53 |
| PK | 5.4688G | 58.47 | 68.20 | -9.73 | 6.19 | 3 | Vertical | 249 | 2.12 | - | 52.28 |
| PK | 5.5728G | 116.23 | Inf | -Inf | 6.29 | 3 | Vertical | 249 | 2.12 | - | 109.94 |
| AV | 5.5752G | 106.46 | Inf | -Inf | 6.29 | 3 | Vertical | 249 | 2.12 | - | 100.17 |
| PK | 5.7344G | 61.47 | 68.20 | -6.73 | 6.11 | 3 | Vertical | 249 | 2.12 | - | 55.36 |

802.11a_Nss1,(6Mbps)_2TX

04/12/2019

5580MHz_TX



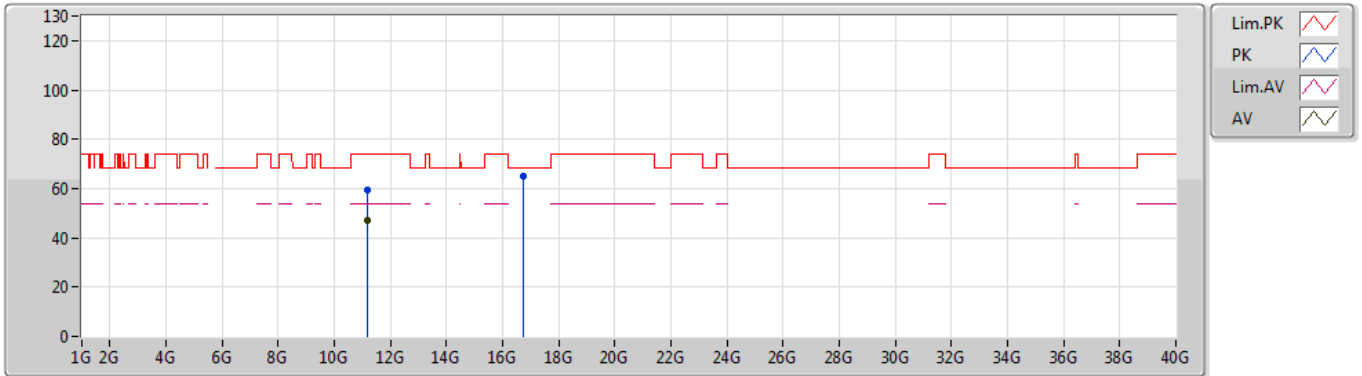
EUT_Z_2TX
Setting 25
03-C-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|
| PK | 5.4224G | 59.89 | 74.00 | -14.11 | 6.07 | 3 | Horizontal | 319 | 2.82 | - | 53.82 |
| AV | 5.4192G | 48.70 | 54.00 | -5.30 | 6.06 | 3 | Horizontal | 319 | 2.82 | - | 42.64 |
| PK | 5.4616G | 59.07 | 68.20 | -9.13 | 6.17 | 3 | Horizontal | 319 | 2.82 | - | 52.90 |
| PK | 5.5832G | 115.92 | Inf | -Inf | 6.30 | 3 | Horizontal | 319 | 2.82 | - | 109.62 |
| AV | 5.5808G | 106.09 | Inf | -Inf | 6.29 | 3 | Horizontal | 319 | 2.82 | - | 99.80 |
| PK | 5.7408G | 60.24 | 68.20 | -7.96 | 6.11 | 3 | Horizontal | 319 | 2.82 | - | 54.13 |

802.11a_Nss1,(6Mbps)_2TX

04/12/2019

5580MHz_TX



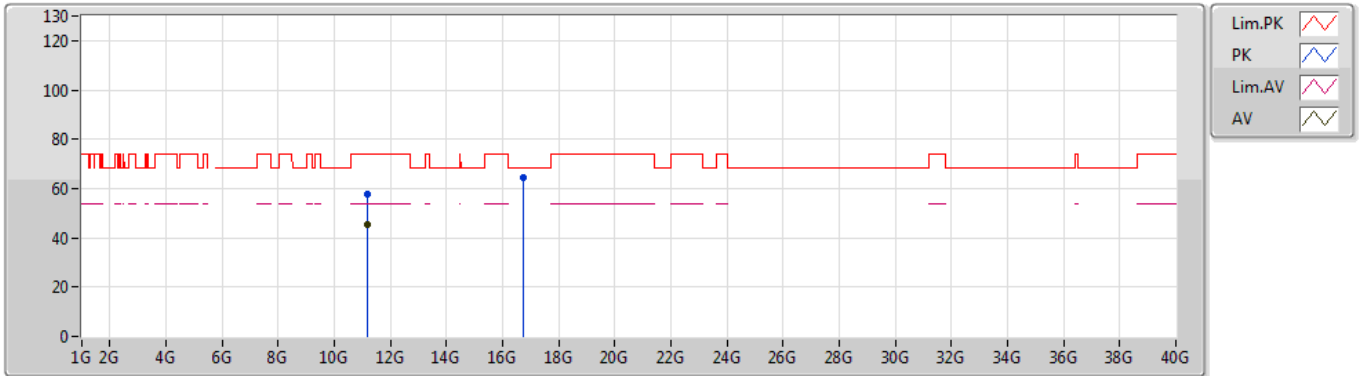
EUT_Z_2TX
Setting 25
03-C-A-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|
| PK | 11.1603G | 59.22 | 74.00 | -14.78 | 13.48 | 3 | Vertical | 319 | 1.91 | - | 45.74 |
| AV | 11.1602G | 46.91 | 54.00 | -7.09 | 13.48 | 3 | Vertical | 319 | 1.91 | - | 33.43 |
| PK | 16.7445G | 65.22 | 68.20 | -2.98 | 15.51 | 3 | Vertical | 243 | 1.62 | - | 49.71 |

802.11a_Nss1,(6Mbps)_2TX

04/12/2019

5580MHz_TX



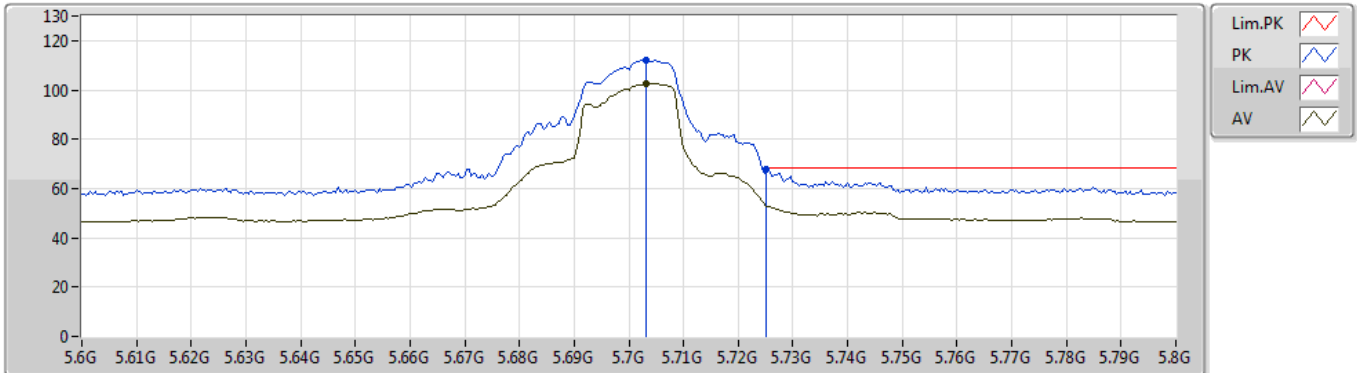
EUT_Z_2TX
Setting 25
03-C-A-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|
| PK | 11.1599G | 57.96 | 74.00 | -16.04 | 13.48 | 3 | Horizontal | 276 | 1.86 | - | 44.48 |
| AV | 11.1598G | 45.20 | 54.00 | -8.80 | 13.48 | 3 | Horizontal | 276 | 1.86 | - | 31.72 |
| PK | 16.7407G | 64.18 | 68.20 | -4.02 | 15.50 | 3 | Horizontal | 262 | 1.50 | - | 48.68 |

802.11a_Nss1,(6Mbps)_2TX

03/12/2019

5700MHz_TX



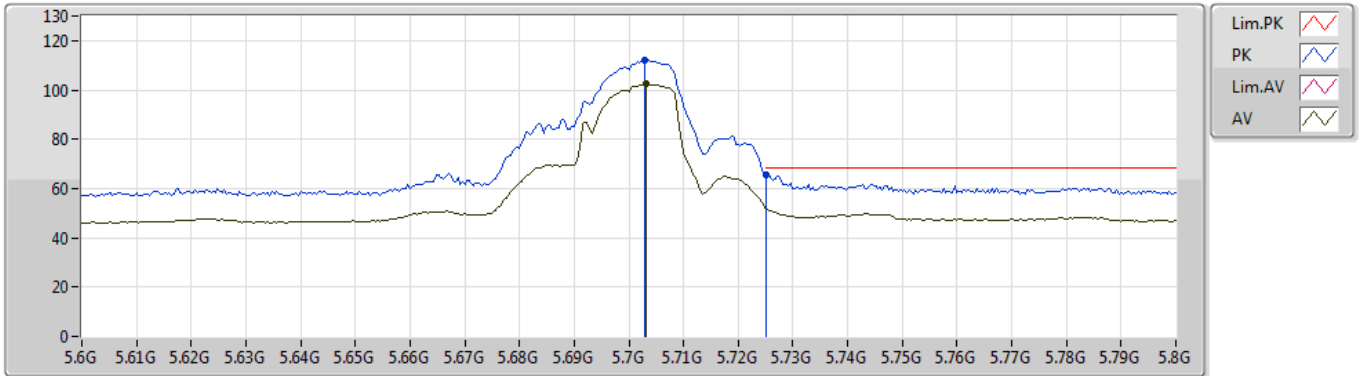
EUT Z_2TX
Setting 18
06-D-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|
| PK | 5.7032G | 112.21 | Inf | -Inf | 5.71 | 3 | Vertical | 339 | 1.98 | - | 106.50 |
| AV | 5.7032G | 102.61 | Inf | -Inf | 5.71 | 3 | Vertical | 339 | 1.98 | - | 96.90 |
| PK | 5.7252G | 67.97 | 68.20 | -0.23 | 5.82 | 3 | Vertical | 339 | 1.98 | - | 62.15 |

802.11a_Nss1,(6Mbps)_2TX

03/12/2019

5700MHz_TX



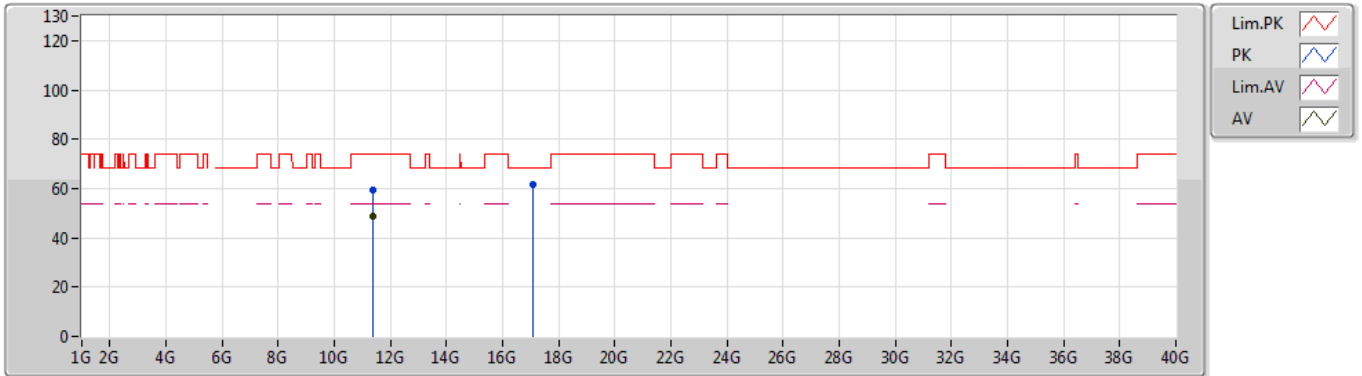
EUT_Z_2TX
Setting 18
06-D-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|
| PK | 5.7028G | 111.89 | Inf | -Inf | 5.71 | 3 | Horizontal | 321 | 2.15 | - | 106.18 |
| AV | 5.7032G | 102.41 | Inf | -Inf | 5.71 | 3 | Horizontal | 321 | 2.15 | - | 96.70 |
| PK | 5.7252G | 65.47 | 68.20 | -2.73 | 5.82 | 3 | Horizontal | 321 | 2.15 | - | 59.65 |

802.11a_Nss1,(6Mbps)_2TX

03/12/2019

5700MHz_TX



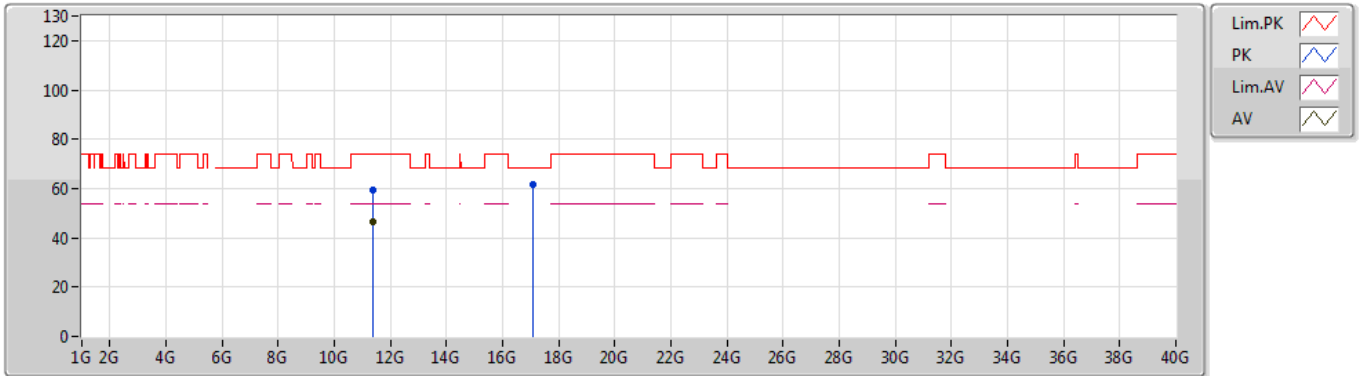
EUT_Z_2TX
Setting 18
06-D-A-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|
| PK | 11.39988G | 59.34 | 74.00 | -14.66 | 14.14 | 3 | Vertical | 337 | 2.44 | - | 45.20 |
| AV | 11.40008G | 48.47 | 54.00 | -5.53 | 14.14 | 3 | Vertical | 337 | 2.44 | - | 34.33 |
| PK | 17.10336G | 61.61 | 68.20 | -6.59 | 17.29 | 3 | Vertical | 360 | 2.40 | - | 44.32 |

802.11a_Nss1,(6Mbps)_2TX

03/12/2019

5700MHz_TX



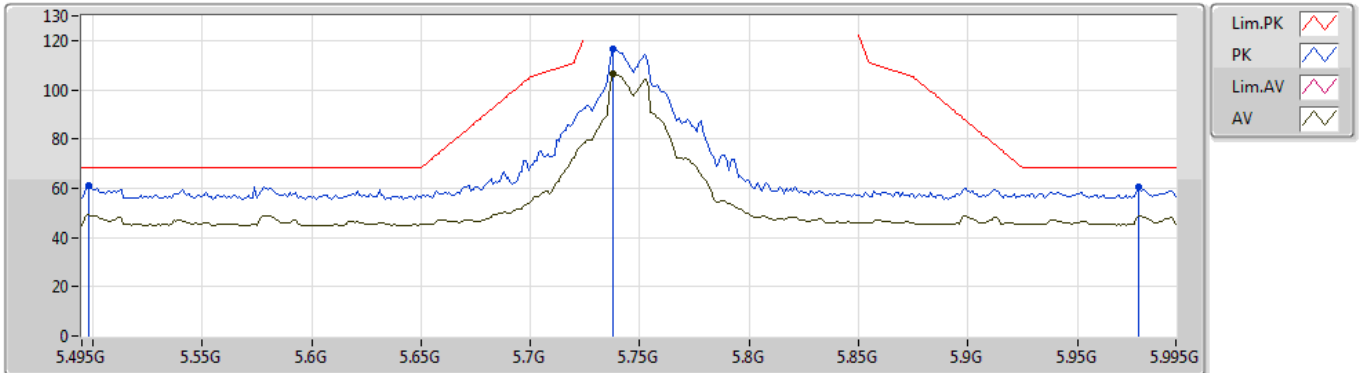
EUT_Z_2TX
Setting 18
06-D-A-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|
| PK | 11.39784G | 59.26 | 74.00 | -14.74 | 14.14 | 3 | Horizontal | 250 | 2.36 | - | 45.12 |
| AV | 11.40006G | 46.45 | 54.00 | -7.55 | 14.14 | 3 | Horizontal | 250 | 2.36 | - | 32.31 |
| PK | 17.102G | 61.46 | 68.20 | -6.74 | 17.28 | 3 | Horizontal | 236 | 2.13 | - | 44.18 |

802.11a_Nss1,(6Mbps)_2TX

03/12/2019

5745MHz_TX



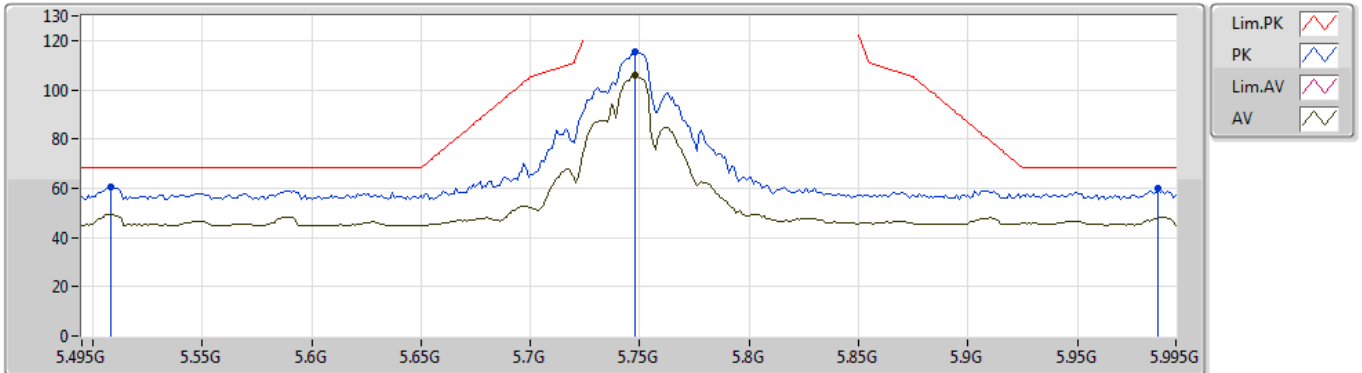
EUT_Z_2TX
Setting 25
06-D-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|
| PK | 5.498G | 60.97 | 68.20 | -7.23 | 5.79 | 3 | Vertical | 236 | 2.09 | - | 55.18 |
| PK | 5.738G | 116.38 | Inf | -Inf | 5.87 | 3 | Vertical | 236 | 2.09 | - | 110.51 |
| AV | 5.738G | 106.32 | Inf | -Inf | 5.87 | 3 | Vertical | 236 | 2.09 | - | 100.45 |
| PK | 5.978G | 60.53 | 68.20 | -7.67 | 6.30 | 3 | Vertical | 236 | 2.09 | - | 54.23 |

802.11a_Nss1,(6Mbps)_2TX

03/12/2019

5745MHz_TX



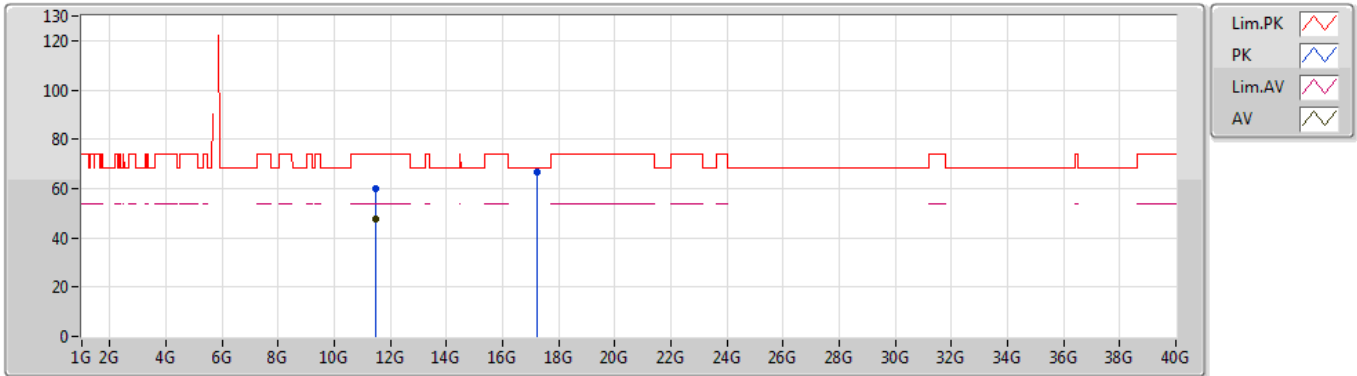
EUT_Z_2TX
Setting 25
06-D-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|
| PK | 5.508G | 60.76 | 68.20 | -7.44 | 5.77 | 3 | Horizontal | 322 | 2.09 | - | 54.99 |
| PK | 5.748G | 115.63 | Inf | -Inf | 5.92 | 3 | Horizontal | 322 | 2.09 | - | 109.71 |
| AV | 5.748G | 106.03 | Inf | -Inf | 5.92 | 3 | Horizontal | 322 | 2.09 | - | 100.11 |
| PK | 5.987G | 59.84 | 68.20 | -8.36 | 6.30 | 3 | Horizontal | 322 | 2.09 | - | 53.54 |

802.11a_Nss1,(6Mbps)_2TX

03/12/2019

5745MHz_TX



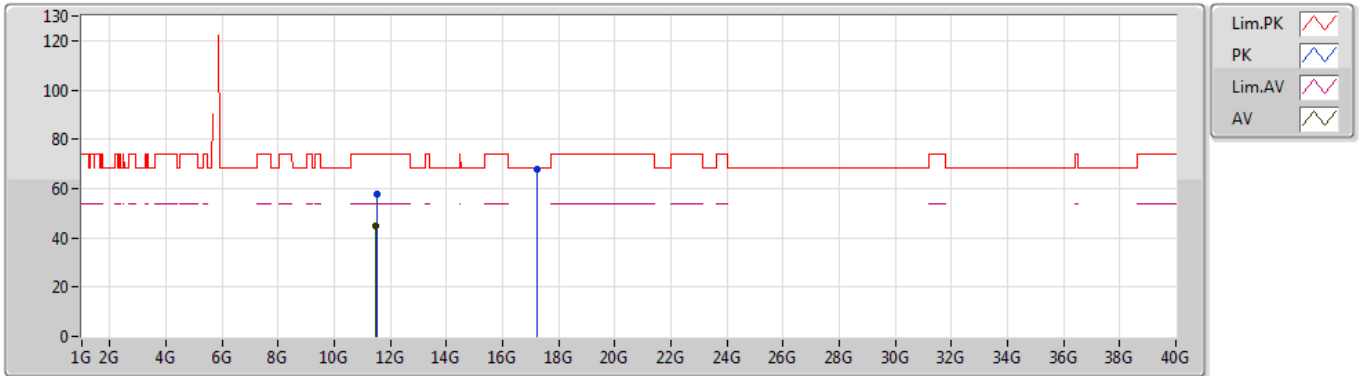
EUT Z_2TX
Setting 25
06-D-A-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|
| PK | 11.4922G | 59.74 | 74.00 | -14.26 | 14.01 | 3 | Vertical | 190 | 2.20 | - | 45.73 |
| AV | 11.4903G | 47.76 | 54.00 | -6.24 | 14.01 | 3 | Vertical | 190 | 2.20 | - | 33.75 |
| PK | 17.2445G | 66.50 | 68.20 | -1.70 | 18.83 | 3 | Vertical | 239 | 2.41 | - | 47.67 |

802.11a_Nss1,(6Mbps)_2TX

03/12/2019

5745MHz_TX



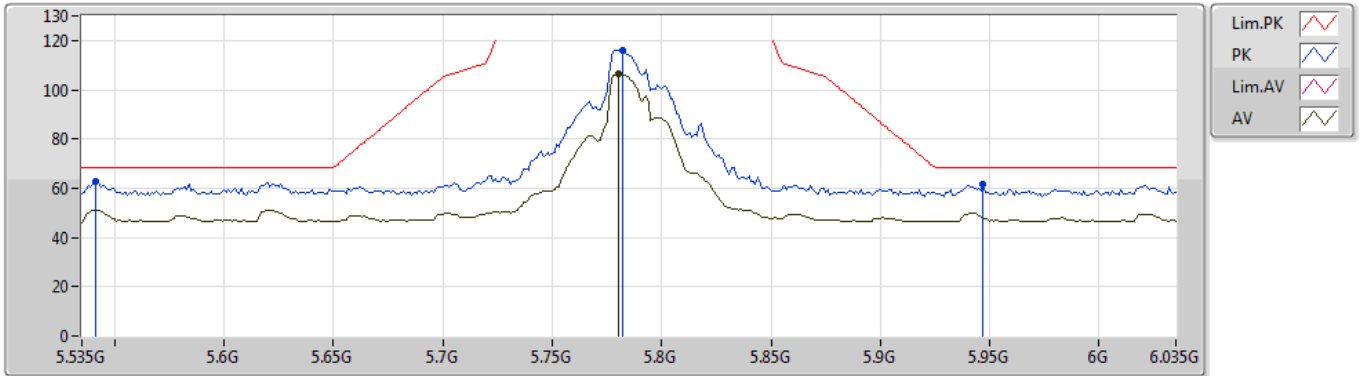
EUT_Z_2TX
Setting 25
06-D-A-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|
| PK | 11.5009G | 57.90 | 74.00 | -16.10 | 14.00 | 3 | Horizontal | 245 | 1.50 | - | 43.90 |
| AV | 11.4838G | 44.82 | 54.00 | -9.18 | 14.02 | 3 | Horizontal | 245 | 1.50 | - | 30.80 |
| PK | 17.2359G | 67.62 | 68.20 | -0.58 | 18.73 | 3 | Horizontal | 258 | 2.03 | - | 48.89 |

802.11a_Nss1,(6Mbps)_2TX

04/12/2019

5785MHz_TX



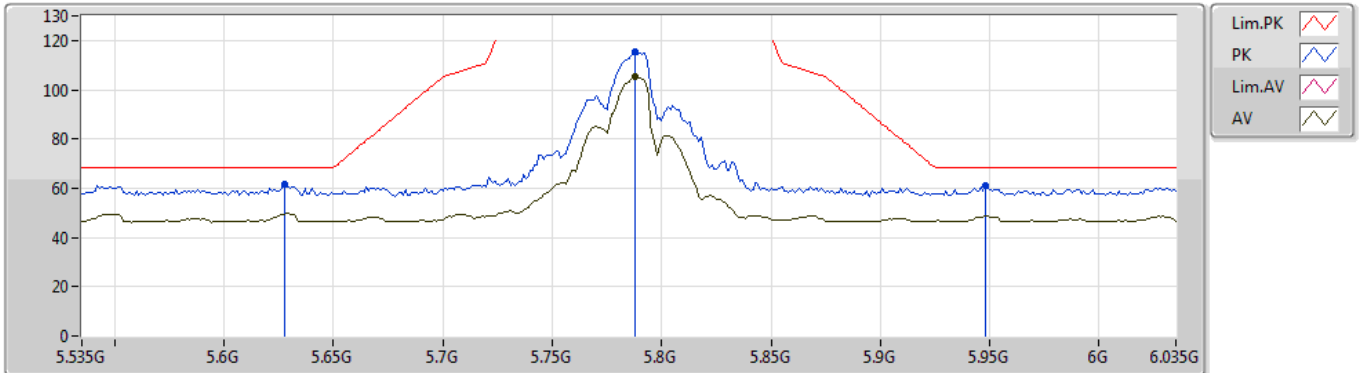
EUT_Z_2TX
Setting 23
03-C-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|
| PK | 5.541G | 62.56 | 68.20 | -5.64 | 6.29 | 3 | Vertical | 319 | 2.05 | - | 56.27 |
| PK | 5.782G | 116.26 | Inf | -Inf | 6.08 | 3 | Vertical | 319 | 2.05 | - | 110.18 |
| AV | 5.78G | 106.66 | Inf | -Inf | 6.08 | 3 | Vertical | 319 | 2.05 | - | 100.58 |
| PK | 5.947G | 61.57 | 68.20 | -6.63 | 6.47 | 3 | Vertical | 319 | 2.05 | - | 55.10 |

802.11a_Nss1,(6Mbps)_2TX

04/12/2019

5785MHz_TX



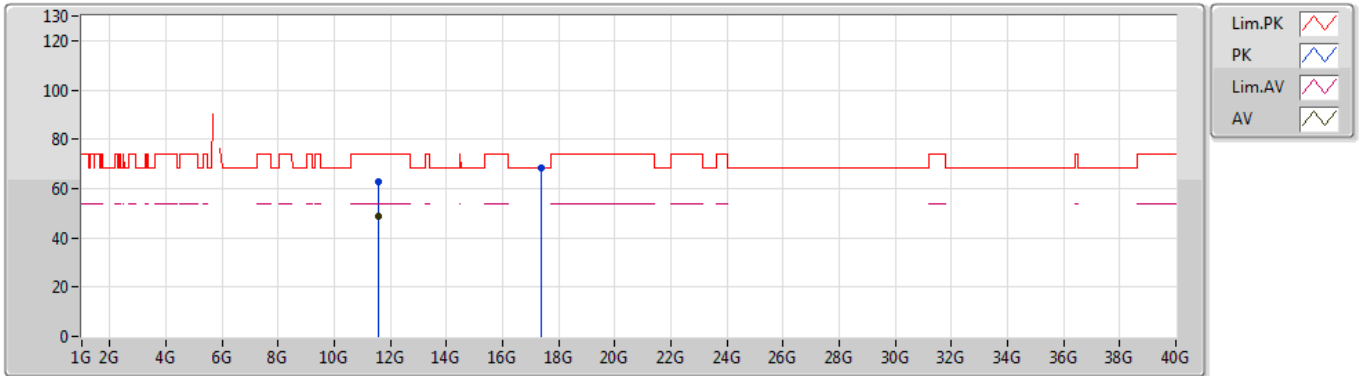
EUT_Z_2TX
Setting 23
03-C-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|
| PK | 5.628G | 61.61 | 68.20 | -6.59 | 6.26 | 3 | Horizontal | 326 | 1.98 | - | 55.35 |
| PK | 5.788G | 115.36 | Inf | -Inf | 6.08 | 3 | Horizontal | 326 | 1.98 | - | 109.28 |
| AV | 5.788G | 105.49 | Inf | -Inf | 6.08 | 3 | Horizontal | 326 | 1.98 | - | 99.41 |
| PK | 5.948G | 61.00 | 68.20 | -7.20 | 6.47 | 3 | Horizontal | 326 | 1.98 | - | 54.53 |

802.11a_Nss1,(6Mbps)_2TX

04/12/2019

5785MHz_TX



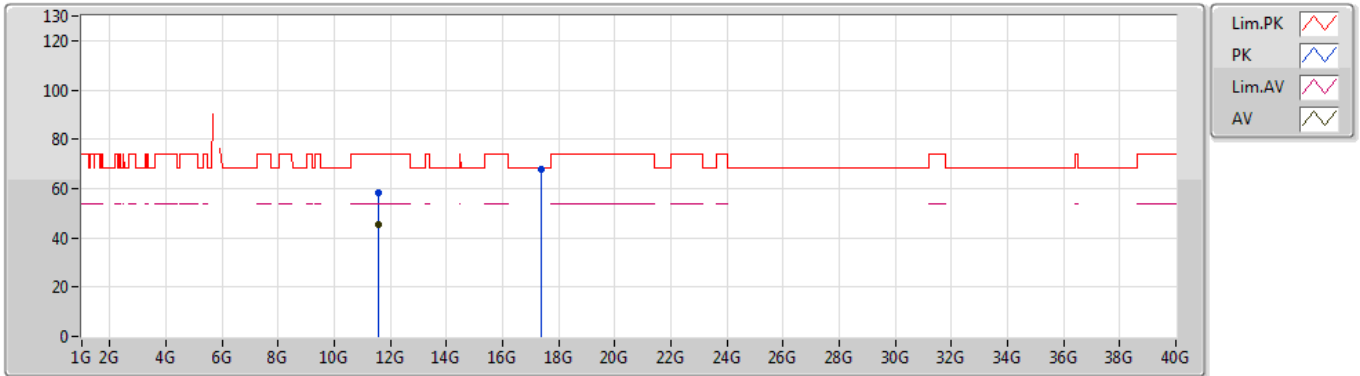
EUT_Z_2TX
Setting 23
03-C-A-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|
| PK | 11.572G | 62.65 | 74.00 | -11.35 | 13.81 | 3 | Vertical | 192 | 2.22 | - | 48.84 |
| AV | 11.5704G | 48.86 | 54.00 | -5.14 | 13.81 | 3 | Vertical | 192 | 2.22 | - | 35.05 |
| PK | 17.3557G | 68.14 | 68.20 | -0.06 | 18.70 | 3 | Vertical | 146 | 1.66 | - | 49.44 |

802.11a_Nss1,(6Mbps)_2TX

04/12/2019

5785MHz_TX



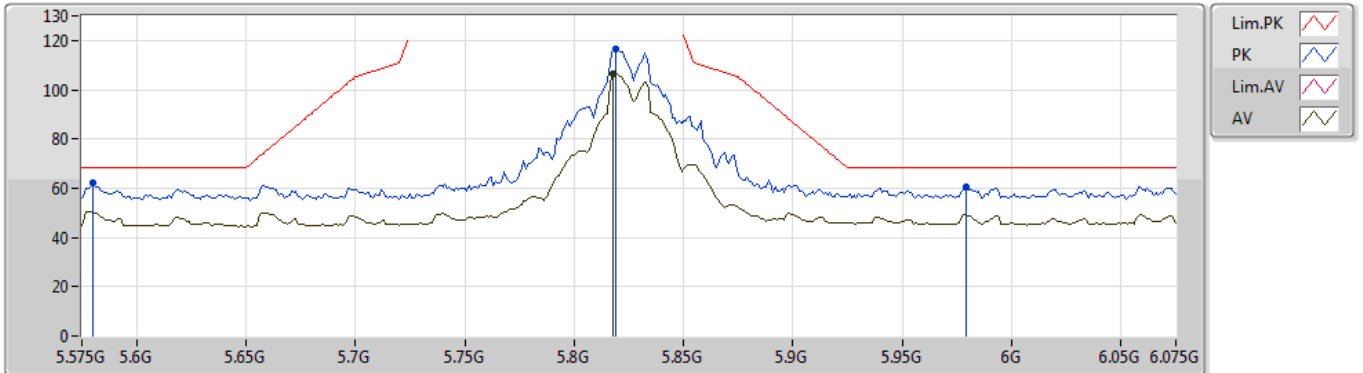
EUT_Z_2TX
Setting 23
03-C-A-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|
| PK | 11.5816G | 58.55 | 74.00 | -15.45 | 13.82 | 3 | Horizontal | 254 | 1.81 | - | 44.73 |
| AV | 11.5639G | 45.36 | 54.00 | -8.64 | 13.80 | 3 | Horizontal | 254 | 1.81 | - | 31.56 |
| PK | 17.3599G | 67.76 | 68.20 | -0.44 | 18.73 | 3 | Horizontal | 264 | 1.59 | - | 49.03 |

802.11a_Nss1,(6Mbps)_2TX

03/12/2019

5825MHz_TX



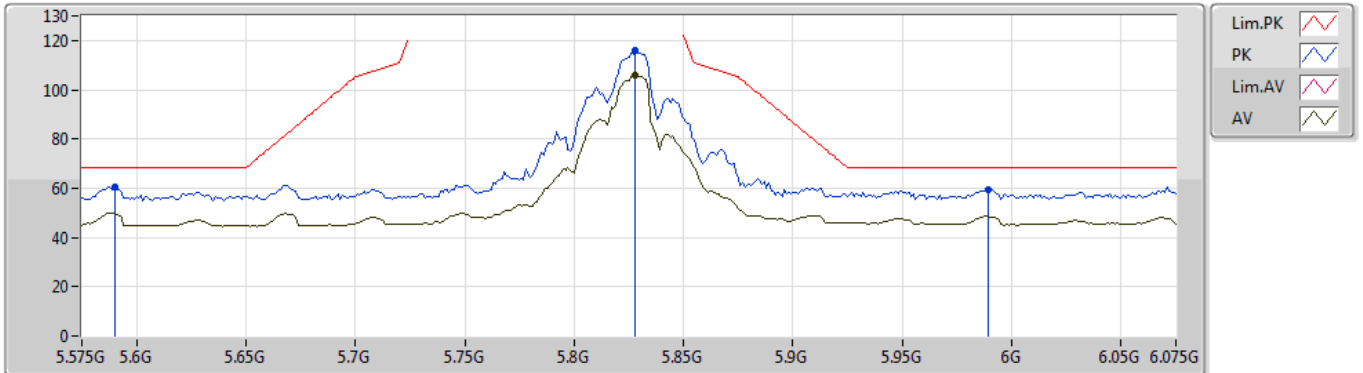
EUT_Z_2TX
Setting 25
06-D-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|
| PK | 5.58G | 62.24 | 68.20 | -5.96 | 5.60 | 3 | Vertical | 237 | 2.14 | - | 56.64 |
| PK | 5.819G | 116.45 | Inf | -Inf | 6.20 | 3 | Vertical | 237 | 2.14 | - | 110.25 |
| AV | 5.818G | 106.54 | Inf | -Inf | 6.19 | 3 | Vertical | 237 | 2.14 | - | 100.35 |
| PK | 5.979G | 60.60 | 68.20 | -7.60 | 6.30 | 3 | Vertical | 237 | 2.14 | - | 54.30 |

802.11a_Nss1,(6Mbps)_2TX

03/12/2019

5825MHz_TX



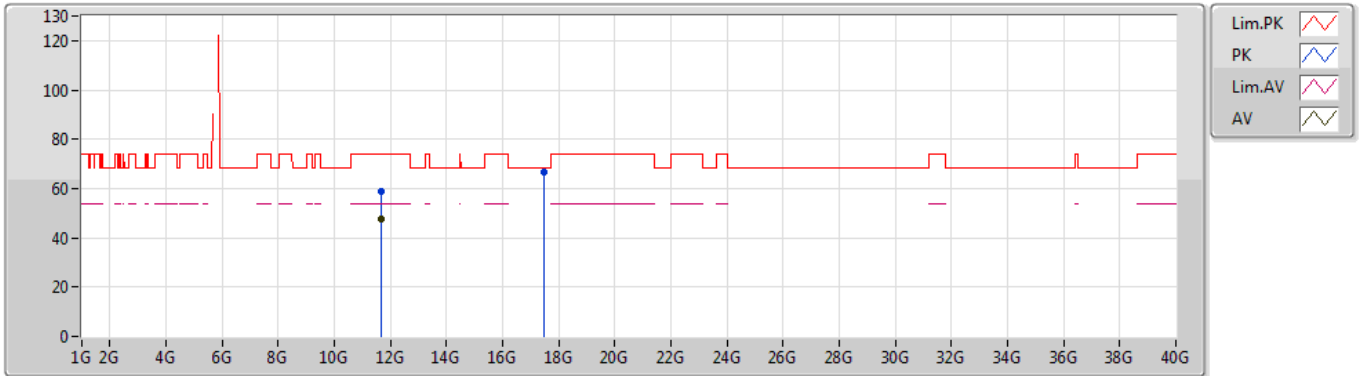
EUT_Z_2TX
Setting 25
06-D-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|
| PK | 5.59G | 60.30 | 68.20 | -7.90 | 5.57 | 3 | Horizontal | 321 | 2.15 | - | 54.73 |
| PK | 5.828G | 115.92 | Inf | -Inf | 6.22 | 3 | Horizontal | 321 | 2.15 | - | 109.70 |
| AV | 5.828G | 105.98 | Inf | -Inf | 6.22 | 3 | Horizontal | 321 | 2.15 | - | 99.76 |
| PK | 5.989G | 59.18 | 68.20 | -9.02 | 6.29 | 3 | Horizontal | 321 | 2.15 | - | 52.89 |

802.11a_Nss1,(6Mbps)_2TX

03/12/2019

5825MHz_TX



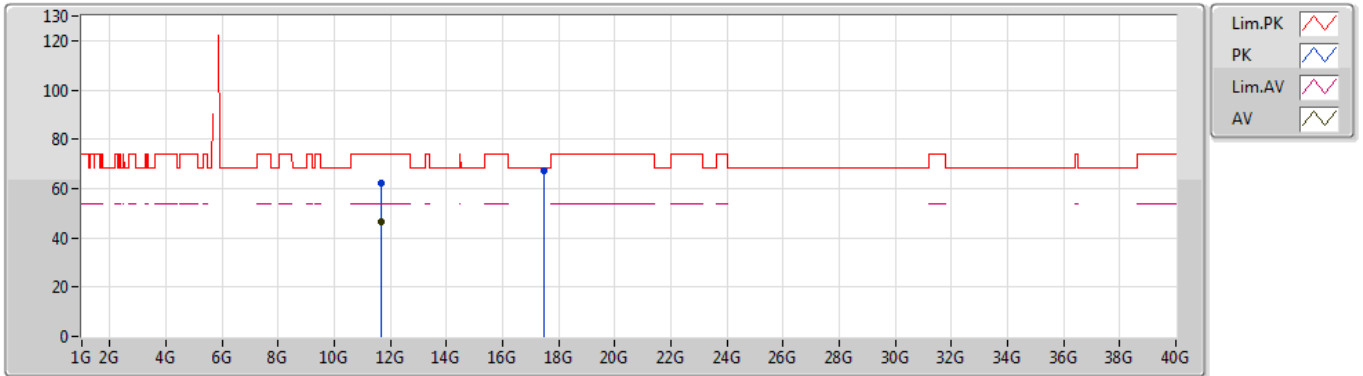
EUT_Z_2TX
Setting 25
06-D-A-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|
| PK | 11.6504G | 58.92 | 74.00 | -15.08 | 13.78 | 3 | Vertical | 162 | 1.74 | - | 45.14 |
| AV | 11.6503G | 47.35 | 54.00 | -6.65 | 13.78 | 3 | Vertical | 162 | 1.74 | - | 33.57 |
| PK | 17.4698G | 66.76 | 68.20 | -1.44 | 21.29 | 3 | Vertical | 162 | 1.94 | - | 45.47 |

802.11a_Nss1,(6Mbps)_2TX

03/12/2019

5825MHz_TX



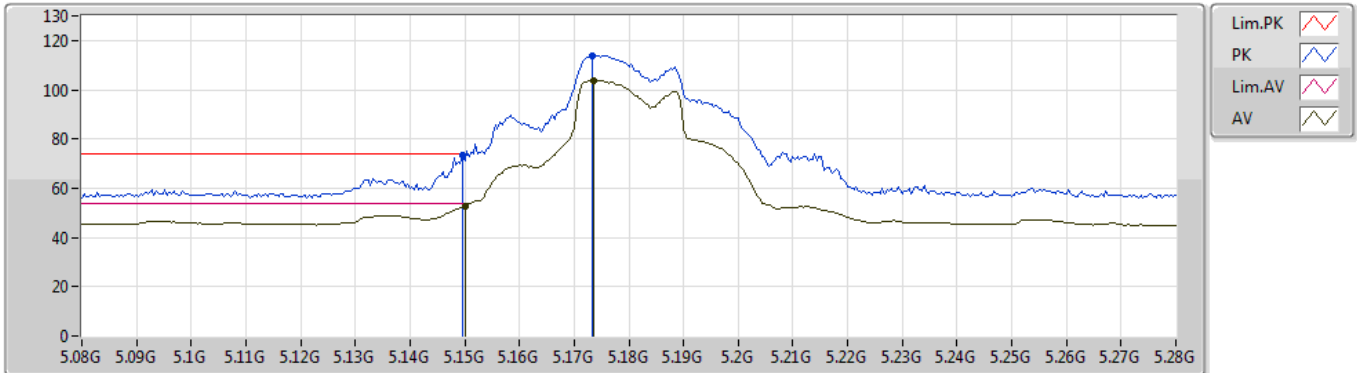
EUT_Z_2TX
Setting 25
06-D-A-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|
| PK | 11.6506G | 62.15 | 74.00 | -11.85 | 13.78 | 3 | Horizontal | 238 | 1.71 | - | 48.37 |
| AV | 11.654G | 46.62 | 54.00 | -7.38 | 13.78 | 3 | Horizontal | 238 | 1.71 | - | 32.84 |
| PK | 17.4692G | 67.42 | 68.20 | -0.78 | 21.27 | 3 | Horizontal | 254 | 1.98 | - | 46.15 |

802.11ac VHT20_Nss1,(MCS0)_2TX

03/12/2019

5180MHz_TX



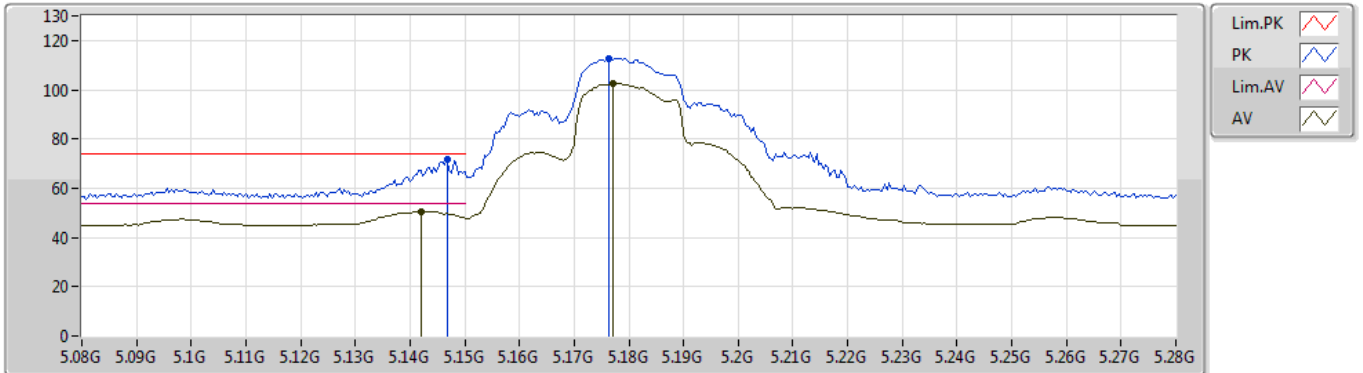
EUT_Z_2TX
Setting 20
06-D-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|
| PK | 5.1496G | 73.37 | 74.00 | -0.63 | 5.72 | 3 | Vertical | 314 | 2.20 | - | 67.65 |
| AV | 5.15G | 52.86 | 54.00 | -1.14 | 5.72 | 3 | Vertical | 314 | 2.20 | - | 47.14 |
| PK | 5.1732G | 113.84 | Inf | -Inf | 5.58 | 3 | Vertical | 314 | 2.20 | - | 108.26 |
| AV | 5.1736G | 103.81 | Inf | -Inf | 5.58 | 3 | Vertical | 314 | 2.20 | - | 98.23 |

802.11ac VHT20_Nss1,(MCS0)_2TX

03/12/2019

5180MHz_TX



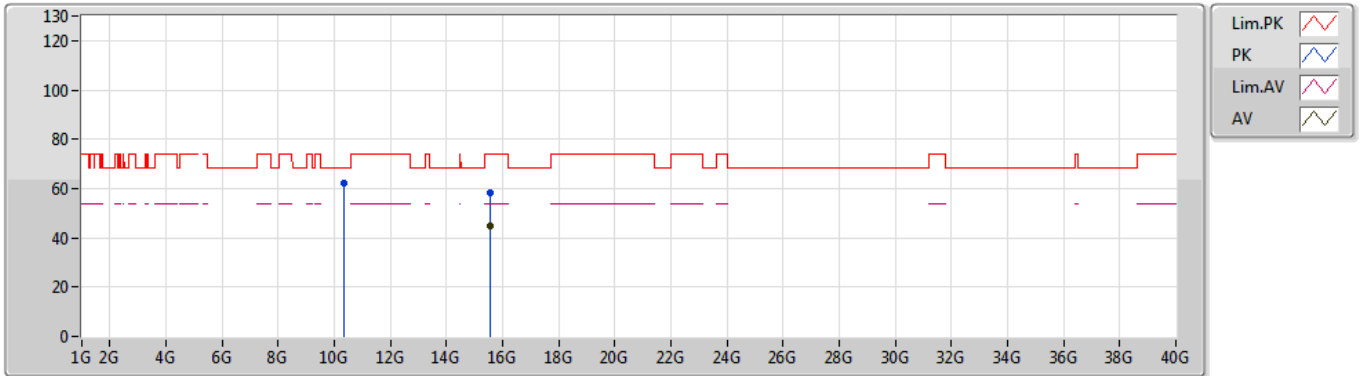
EUT_Z_2TX
Setting 20
06-D-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|
| PK | 5.1468G | 71.84 | 74.00 | -2.16 | 5.74 | 3 | Horizontal | 304 | 2.12 | - | 66.10 |
| AV | 5.142G | 50.39 | 54.00 | -3.61 | 5.76 | 3 | Horizontal | 304 | 2.12 | - | 44.63 |
| PK | 5.1764G | 112.90 | Inf | -Inf | 5.57 | 3 | Horizontal | 304 | 2.12 | - | 107.33 |
| AV | 5.1772G | 102.73 | Inf | -Inf | 5.56 | 3 | Horizontal | 304 | 2.12 | - | 97.17 |

802.11ac VHT20_Nss1,(MCS0)_2TX

05/12/2019

5180MHz_TX



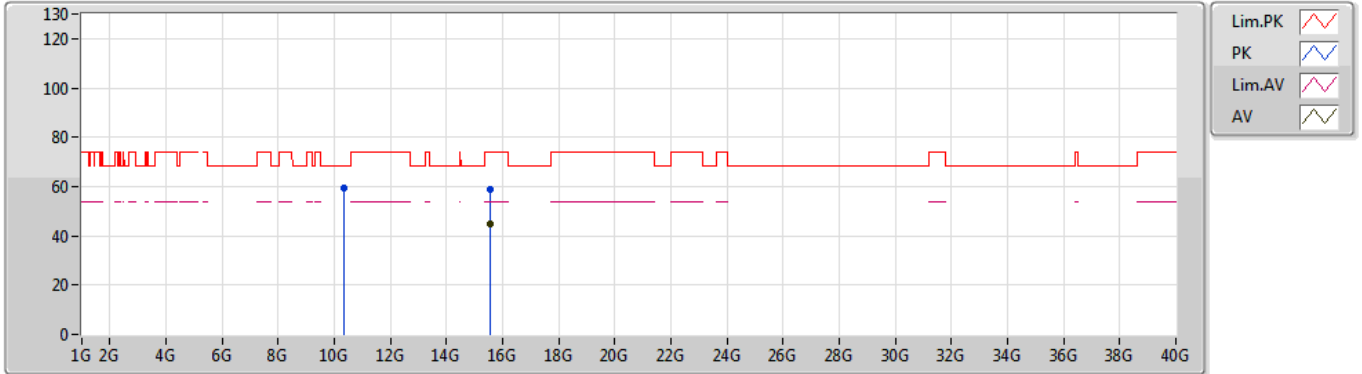
EUT_Z_2TX
Setting 20
04-F-C-4

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|
| PK | 10.3648G | 62.17 | 68.20 | -6.03 | 11.74 | 3 | Vertical | 299 | 1.82 | - | 50.43 |
| PK | 15.54012G | 58.35 | 74.00 | -15.65 | 12.92 | 3 | Vertical | 185 | 1.64 | - | 45.43 |
| AV | 15.54036G | 44.90 | 54.00 | -9.10 | 12.92 | 3 | Vertical | 185 | 1.64 | - | 31.98 |

802.11ac VHT20_Nss1,(MCS0)_2TX

05/12/2019

5180MHz_TX



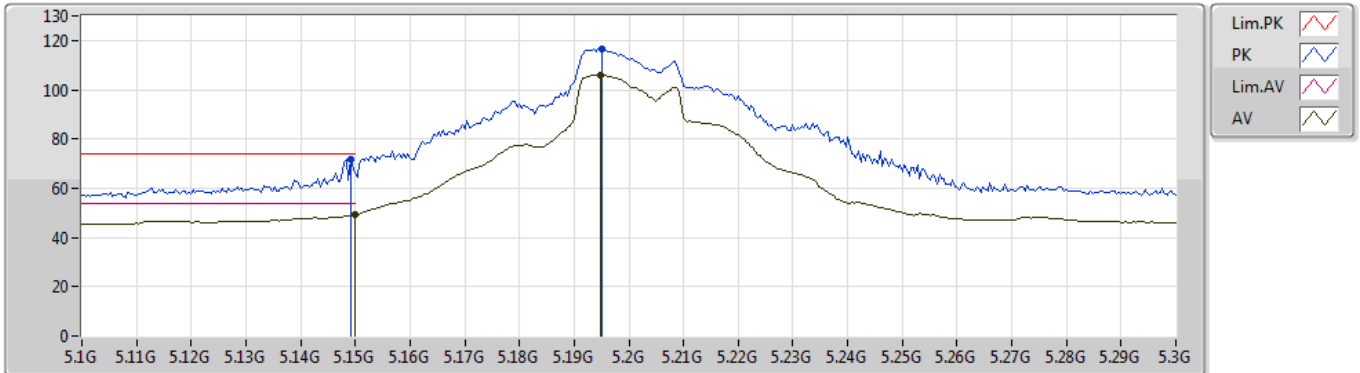
EUT_Z_2TX
Setting 20
04-F-C-4

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|
| PK | 10.36204G | 59.56 | 68.20 | -8.64 | 11.74 | 3 | Horizontal | 26 | 1.79 | - | 47.82 |
| PK | 15.54792G | 58.69 | 74.00 | -15.31 | 12.92 | 3 | Horizontal | 113 | 1.74 | - | 45.77 |
| AV | 15.54672G | 44.99 | 54.00 | -9.01 | 12.92 | 3 | Horizontal | 113 | 1.74 | - | 32.07 |

802.11ac VHT20_Nss1,(MCS0)_2TX

04/12/2019

5200MHz_TX



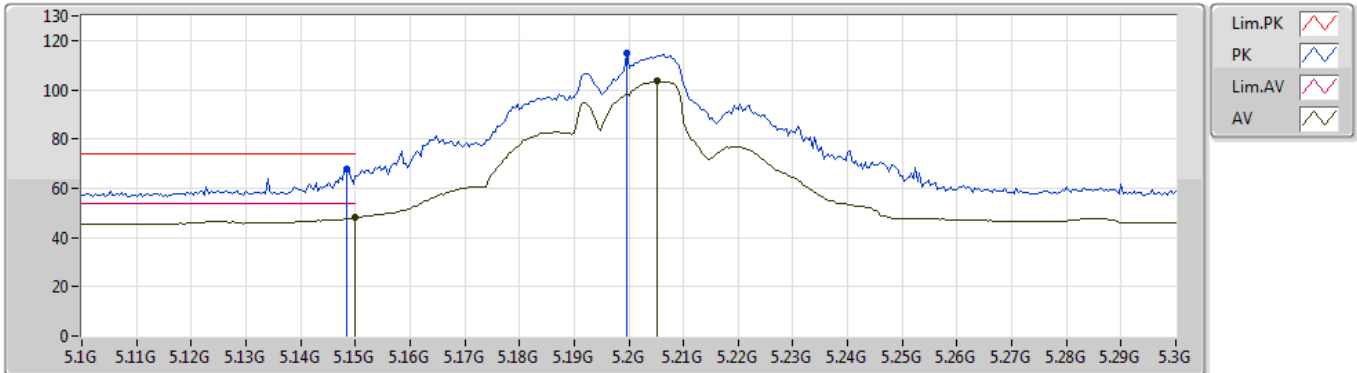
EUT Z_2TX
Setting 25
03-C-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|
| PK | 5.1492G | 71.76 | 74.00 | -2.24 | 5.69 | 3 | Vertical | 314 | 2.21 | - | 66.07 |
| AV | 5.15G | 49.20 | 54.00 | -4.80 | 5.69 | 3 | Vertical | 314 | 2.21 | - | 43.51 |
| PK | 5.1952G | 116.80 | Inf | -Inf | 5.81 | 3 | Vertical | 314 | 2.21 | - | 110.99 |
| AV | 5.1948G | 106.01 | Inf | -Inf | 5.80 | 3 | Vertical | 314 | 2.21 | - | 100.21 |

802.11ac VHT20_Nss1,(MCS0)_2TX

04/12/2019

5200MHz_TX



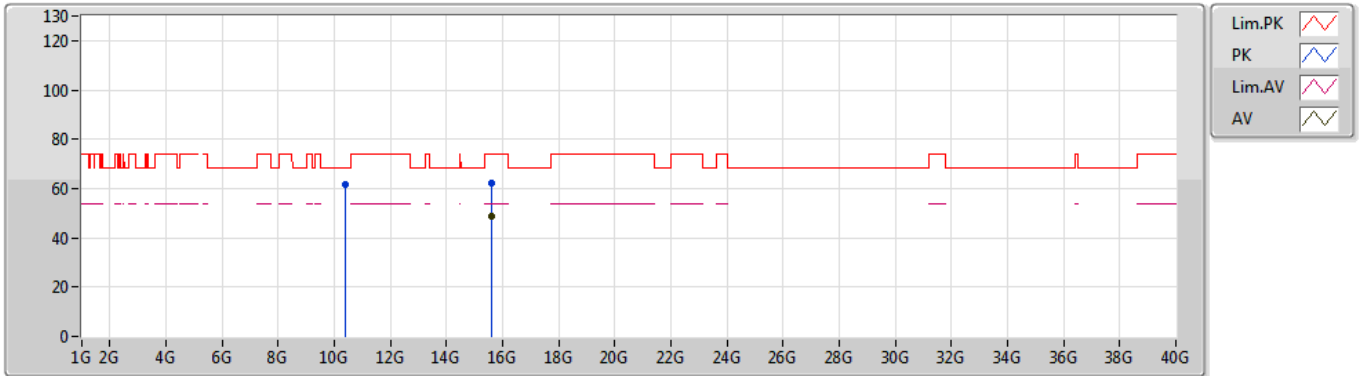
EUT Z_2TX
Setting 25
03-C-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|
| PK | 5.1484G | 67.91 | 74.00 | -6.09 | 5.69 | 3 | Horizontal | 333 | 2.24 | - | 62.22 |
| AV | 5.15G | 48.06 | 54.00 | -5.94 | 5.69 | 3 | Horizontal | 333 | 2.24 | - | 42.37 |
| PK | 5.1996G | 115.11 | Inf | -Inf | 5.82 | 3 | Horizontal | 333 | 2.24 | - | 109.29 |
| AV | 5.2052G | 103.45 | Inf | -Inf | 5.83 | 3 | Horizontal | 333 | 2.24 | - | 97.62 |

802.11ac VHT20_Nss1,(MCS0)_2TX

05/12/2019

5200MHz_TX



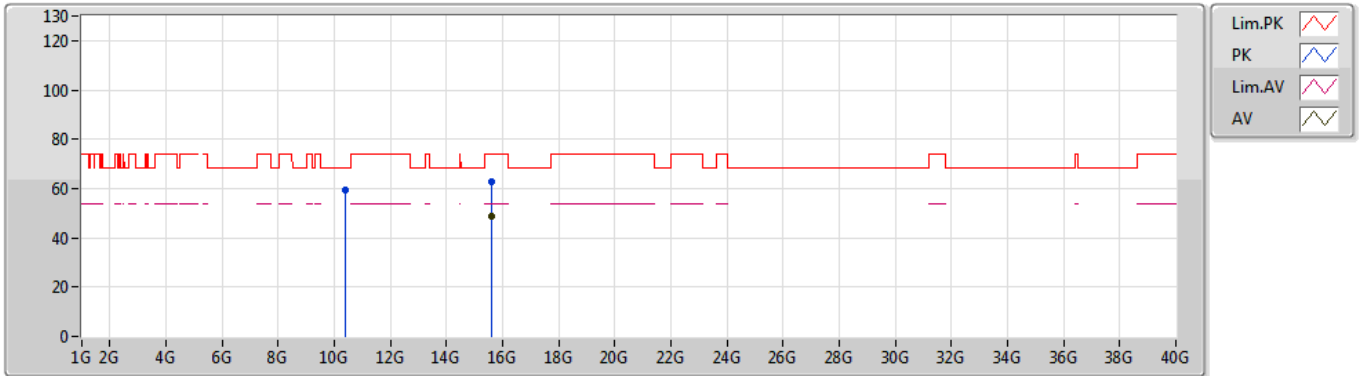
EUT Z_2TX
Setting 25
03-C-A-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|
| PK | 10.3983G | 61.67 | 68.20 | -6.53 | 12.67 | 3 | Vertical | 321 | 1.78 | - | 49.00 |
| PK | 15.6023G | 62.47 | 74.00 | -11.53 | 14.01 | 3 | Vertical | 234 | 1.66 | - | 48.46 |
| AV | 15.602G | 48.79 | 54.00 | -5.21 | 14.01 | 3 | Vertical | 234 | 1.66 | - | 34.78 |

802.11ac VHT20_Nss1,(MCS0)_2TX

05/12/2019

5200MHz_TX



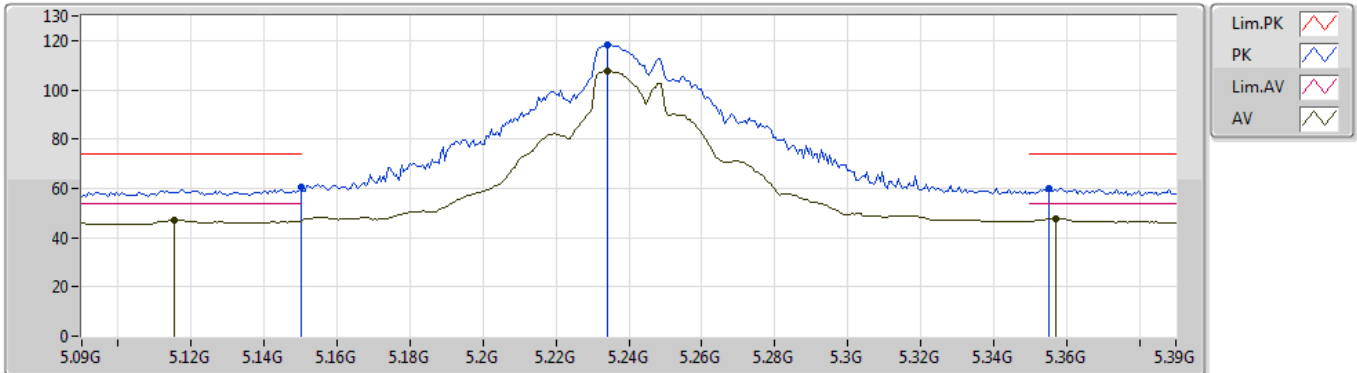
EUT_Z_2TX
Setting 25
03-C-A-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|
| PK | 10.4012G | 59.31 | 68.20 | -8.89 | 12.67 | 3 | Horizontal | 36 | 1.81 | - | 46.64 |
| PK | 15.5967G | 62.62 | 74.00 | -11.38 | 14.03 | 3 | Horizontal | 267 | 1.68 | - | 48.59 |
| AV | 15.5955G | 48.80 | 54.00 | -5.20 | 14.03 | 3 | Horizontal | 267 | 1.68 | - | 34.77 |

802.11ac VHT20_Nss1,(MCS0)_2TX

05/12/2019

5240MHz_TX



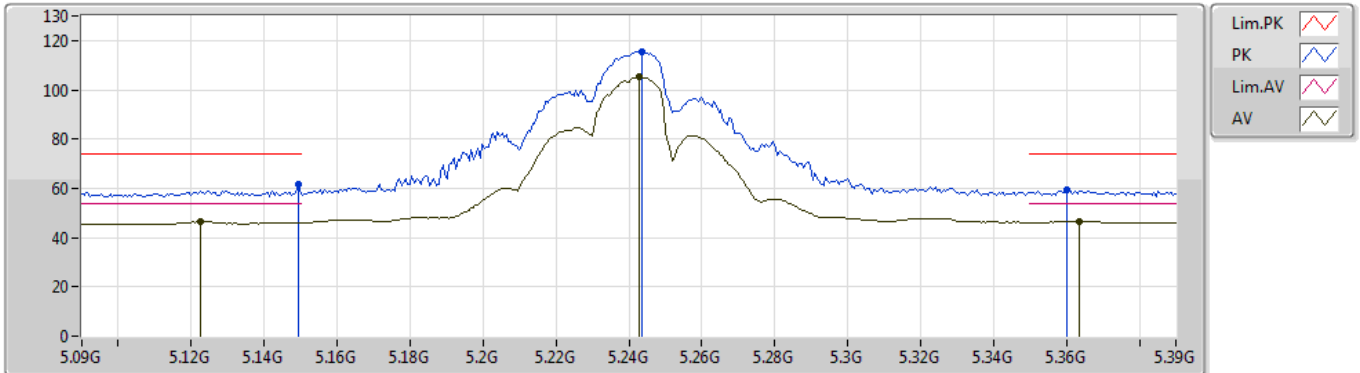
EUT_Z_2TX
Setting 25
03-C-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|
| PK | 5.15G | 60.31 | 74.00 | -13.69 | 5.69 | 3 | Vertical | 315 | 2.17 | - | 54.62 |
| AV | 5.1152G | 46.90 | 54.00 | -7.10 | 5.60 | 3 | Vertical | 315 | 2.17 | - | 41.30 |
| PK | 5.234G | 118.41 | Inf | -Inf | 5.87 | 3 | Vertical | 315 | 2.17 | - | 112.54 |
| AV | 5.234G | 107.67 | Inf | -Inf | 5.87 | 3 | Vertical | 315 | 2.17 | - | 101.80 |
| PK | 5.3552G | 60.08 | 74.00 | -13.92 | 5.99 | 3 | Vertical | 315 | 2.17 | - | 54.09 |
| AV | 5.357G | 47.61 | 54.00 | -6.39 | 5.99 | 3 | Vertical | 315 | 2.17 | - | 41.62 |

802.11ac VHT20_Nss1,(MCS0)_2TX

05/12/2019

5240MHz_TX



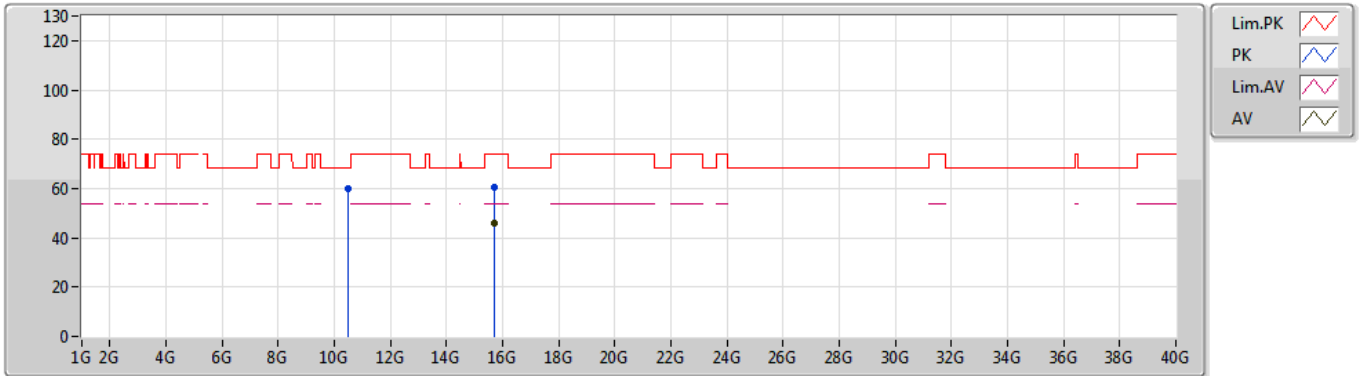
EUT Z_2TX
Setting 25
03-C-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|
| PK | 5.1494G | 61.72 | 74.00 | -12.28 | 5.69 | 3 | Horizontal | 324 | 2.18 | - | 56.03 |
| AV | 5.1224G | 46.49 | 54.00 | -7.51 | 5.61 | 3 | Horizontal | 324 | 2.18 | - | 40.88 |
| PK | 5.2436G | 115.63 | Inf | -Inf | 5.89 | 3 | Horizontal | 324 | 2.18 | - | 109.74 |
| AV | 5.243G | 105.12 | Inf | -Inf | 5.89 | 3 | Horizontal | 324 | 2.18 | - | 99.23 |
| PK | 5.36G | 59.20 | 74.00 | -14.80 | 5.99 | 3 | Horizontal | 324 | 2.18 | - | 53.21 |
| AV | 5.3636G | 46.72 | 54.00 | -7.28 | 5.99 | 3 | Horizontal | 324 | 2.18 | - | 40.73 |

802.11ac VHT20_Nss1,(MCS0)_2TX

05/12/2019

5240MHz_TX



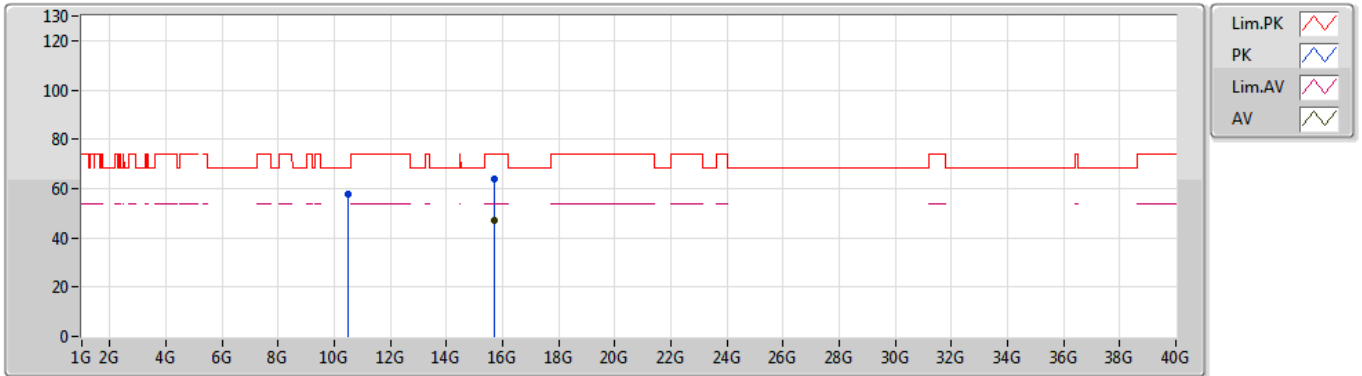
EUT Z_2TX
Setting 25
03-C-C-4

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|
| PK | 10.48564G | 59.92 | 68.20 | -8.28 | 11.82 | 3 | Vertical | 297 | 1.73 | - | 48.10 |
| PK | 15.7206G | 60.35 | 74.00 | -13.65 | 12.82 | 3 | Vertical | 84 | 2.00 | - | 47.53 |
| AV | 15.7236G | 46.05 | 54.00 | -7.95 | 12.81 | 3 | Vertical | 84 | 2.00 | - | 33.24 |

802.11ac VHT20_Nss1,(MCS0)_2TX

05/12/2019

5240MHz_TX



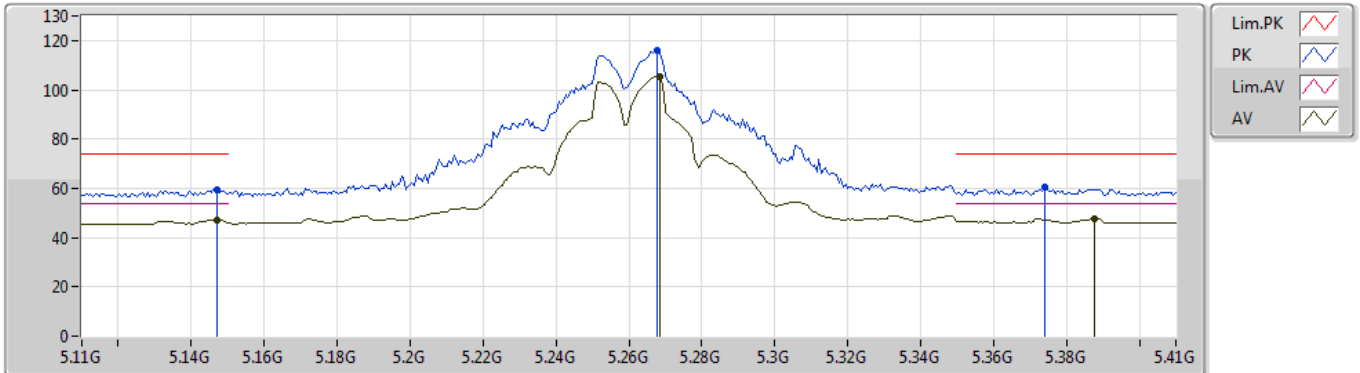
EUT Z_2TX
Setting 25
03-C-C-4

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|
| PK | 10.48012G | 57.69 | 68.20 | -10.51 | 11.82 | 3 | Horizontal | 27 | 1.75 | - | 45.87 |
| PK | 15.7206G | 63.81 | 74.00 | -10.19 | 12.82 | 3 | Horizontal | 112 | 1.72 | - | 50.99 |
| AV | 15.72588G | 47.25 | 54.00 | -6.75 | 12.81 | 3 | Horizontal | 112 | 1.72 | - | 34.44 |

802.11ac VHT20_Nss1,(MCS0)_2TX

10/12/2019

5260MHz_TX



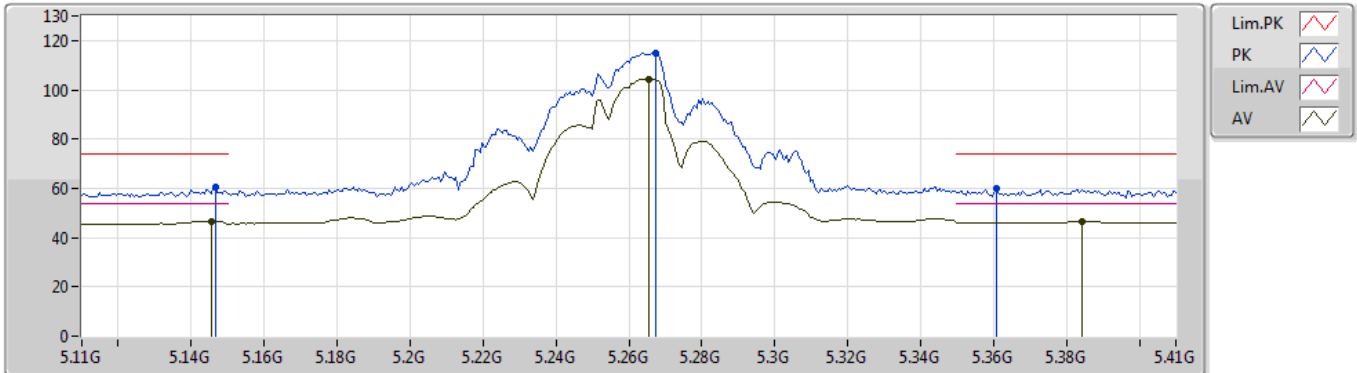
EUT_Z_2TX
Setting 25
03-C-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|
| PK | 5.1472G | 59.35 | 74.00 | -14.65 | 5.68 | 3 | Vertical | 291 | 1.93 | - | 53.67 |
| AV | 5.1472G | 47.18 | 54.00 | -6.82 | 5.68 | 3 | Vertical | 291 | 1.93 | - | 41.50 |
| PK | 5.2678G | 116.23 | Inf | -Inf | 5.93 | 3 | Vertical | 291 | 1.93 | - | 110.30 |
| AV | 5.2684G | 105.39 | Inf | -Inf | 5.93 | 3 | Vertical | 291 | 1.93 | - | 99.46 |
| PK | 5.374G | 60.39 | 74.00 | -13.61 | 5.99 | 3 | Vertical | 291 | 1.93 | - | 54.40 |
| AV | 5.3878G | 47.63 | 54.00 | -6.37 | 6.01 | 3 | Vertical | 291 | 1.93 | - | 41.62 |

802.11ac VHT20_Nss1,(MCS0)_2TX

10/12/2019

5260MHz_TX



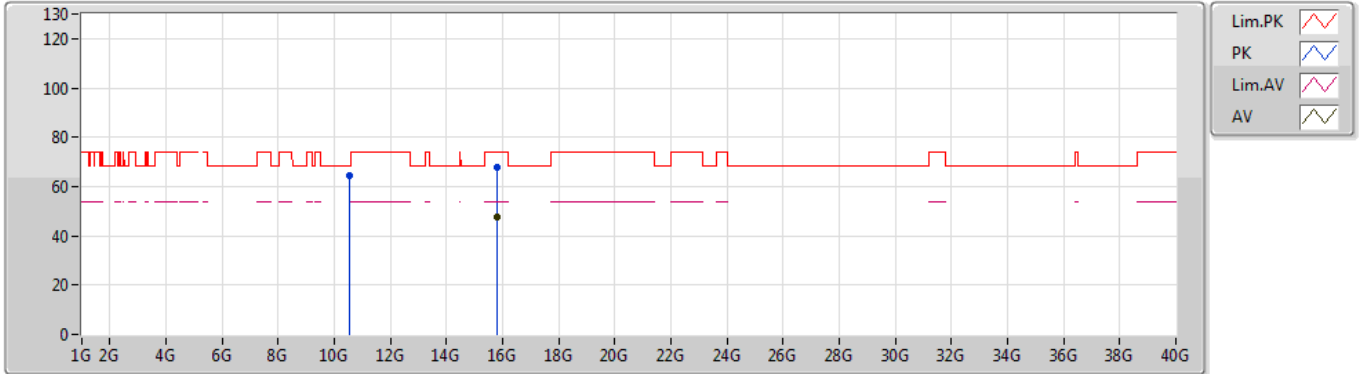
EUT_Z_2TX
Setting 25
03-C-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|
| PK | 5.1466G | 60.37 | 74.00 | -13.63 | 5.68 | 3 | Horizontal | 330 | 2.25 | - | 54.69 |
| AV | 5.1454G | 46.73 | 54.00 | -7.27 | 5.68 | 3 | Horizontal | 330 | 2.25 | - | 41.05 |
| PK | 5.2672G | 115.15 | Inf | -Inf | 5.92 | 3 | Horizontal | 330 | 2.25 | - | 109.23 |
| AV | 5.2654G | 104.36 | Inf | -Inf | 5.92 | 3 | Horizontal | 330 | 2.25 | - | 98.44 |
| PK | 5.3608G | 59.69 | 74.00 | -14.31 | 5.99 | 3 | Horizontal | 330 | 2.25 | - | 53.70 |
| AV | 5.3842G | 46.69 | 54.00 | -7.31 | 6.00 | 3 | Horizontal | 330 | 2.25 | - | 40.69 |

802.11ac VHT20_Nss1,(MCS0)_2TX

10/12/2019

5260MHz_TX



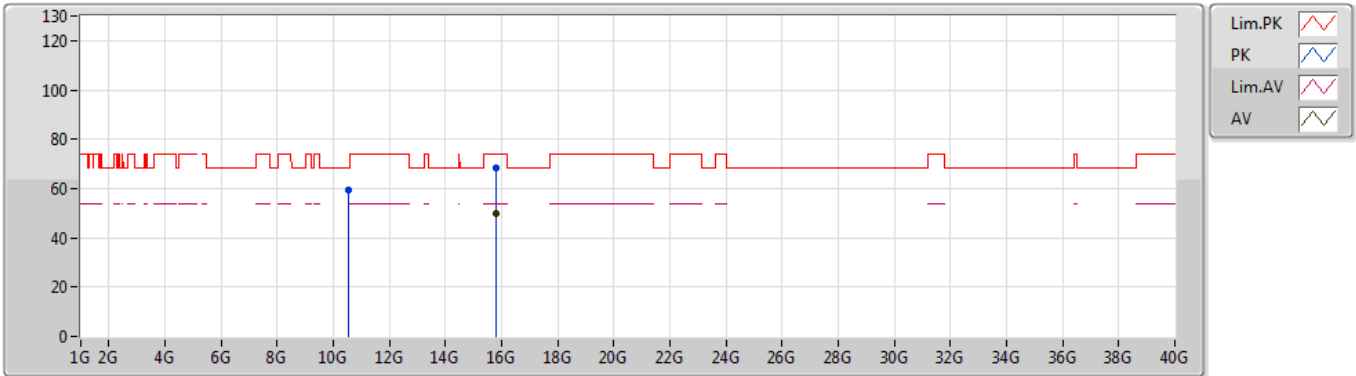
EUT Z_2TX
Setting 25
03-C-C-4

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|
| PK | 10.51868G | 64.17 | 68.20 | -4.03 | 11.84 | 3 | Vertical | 312 | 1.88 | - | 52.33 |
| PK | 15.78204G | 67.63 | 74.00 | -6.37 | 12.79 | 3 | Vertical | 85 | 1.67 | - | 54.84 |
| AV | 15.78228G | 47.61 | 54.00 | -6.39 | 12.79 | 3 | Vertical | 85 | 1.67 | - | 34.82 |

802.11ac VHT20_Nss1,(MCS0)_2TX

10/12/2019

5260MHz_TX



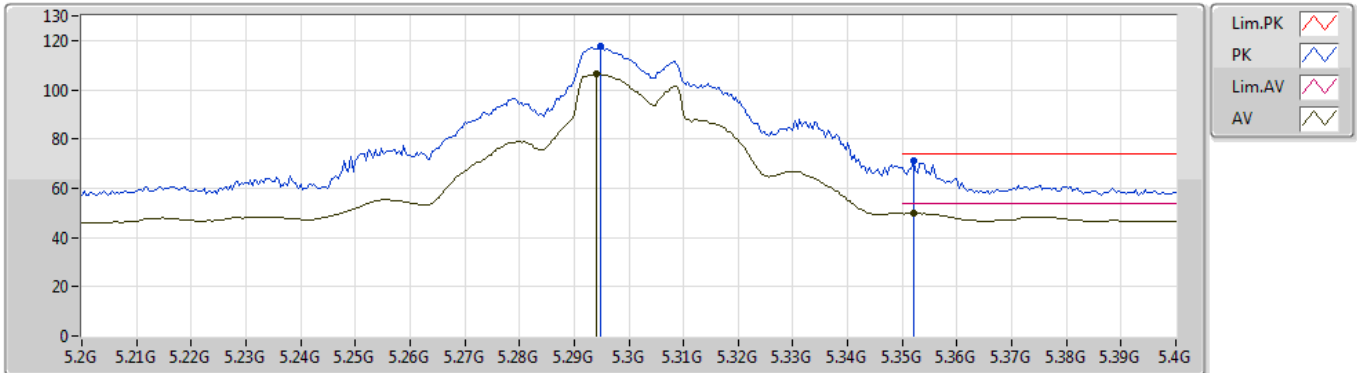
EUT Z_2TX
Setting 25
03-C-C-4

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|
| PK | 10.52408G | 59.21 | 68.20 | -8.99 | 11.85 | 3 | Horizontal | 33 | 1.72 | - | 47.36 |
| PK | 15.78264G | 68.35 | 74.00 | -5.65 | 12.79 | 3 | Horizontal | 112 | 1.74 | - | 55.56 |
| AV | 15.78636G | 50.08 | 54.00 | -3.92 | 12.79 | 3 | Horizontal | 112 | 1.74 | - | 37.29 |

802.11ac VHT20_Nss1,(MCS0)_2TX

05/12/2019

5300MHz_TX



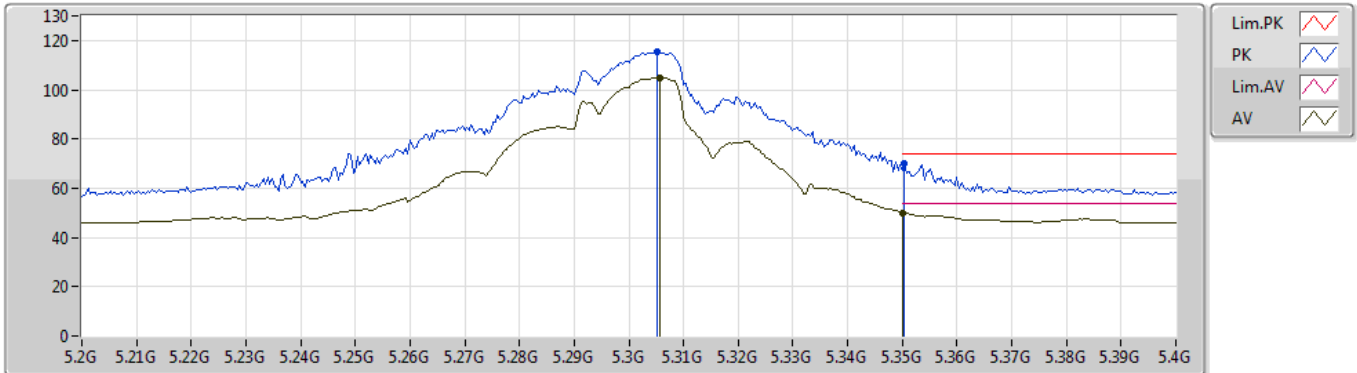
EUT_Z_2TX
Setting 25
03-C-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|
| PK | 5.2948G | 117.46 | Inf | -Inf | 5.96 | 3 | Vertical | 310 | 2.05 | - | 111.50 |
| AV | 5.294G | 106.32 | Inf | -Inf | 5.96 | 3 | Vertical | 310 | 2.05 | - | 100.36 |
| PK | 5.352G | 71.28 | 74.00 | -2.72 | 5.98 | 3 | Vertical | 310 | 2.05 | - | 65.30 |
| AV | 5.352G | 49.87 | 54.00 | -4.13 | 5.98 | 3 | Vertical | 310 | 2.05 | - | 43.89 |

802.11ac VHT20_Nss1,(MCS0)_2TX

05/12/2019

5300MHz_TX



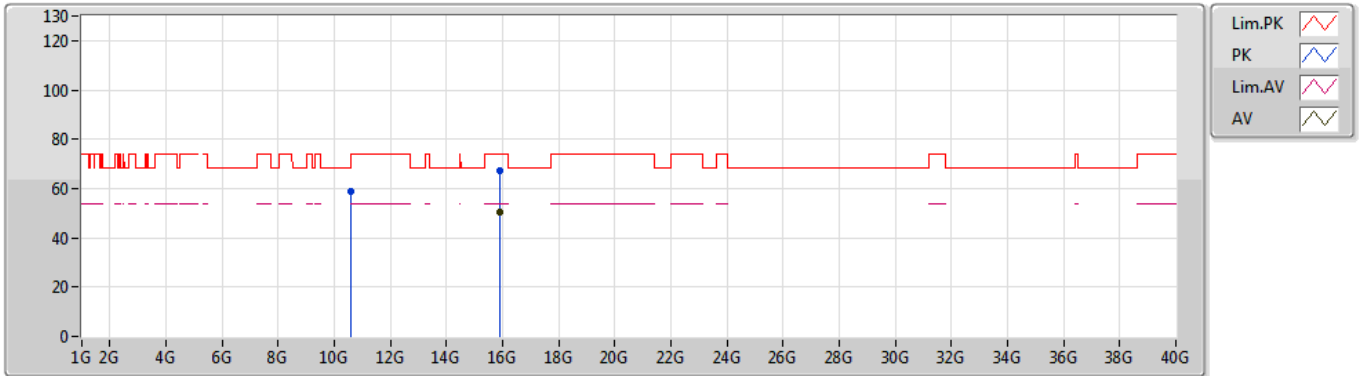
EUT Z_2TX
Setting 25
03-C-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|
| PK | 5.3052G | 115.20 | Inf | -Inf | 5.98 | 3 | Horizontal | 329 | 2.05 | - | 109.22 |
| AV | 5.3056G | 104.72 | Inf | -Inf | 5.98 | 3 | Horizontal | 329 | 2.05 | - | 98.74 |
| PK | 5.3504G | 69.93 | 74.00 | -4.07 | 5.98 | 3 | Horizontal | 329 | 2.05 | - | 63.95 |
| AV | 5.35G | 50.00 | 54.00 | -4.00 | 5.98 | 3 | Horizontal | 329 | 2.05 | - | 44.02 |

802.11ac VHT20_Nss1,(MCS0)_2TX

05/12/2019

5300MHz_TX



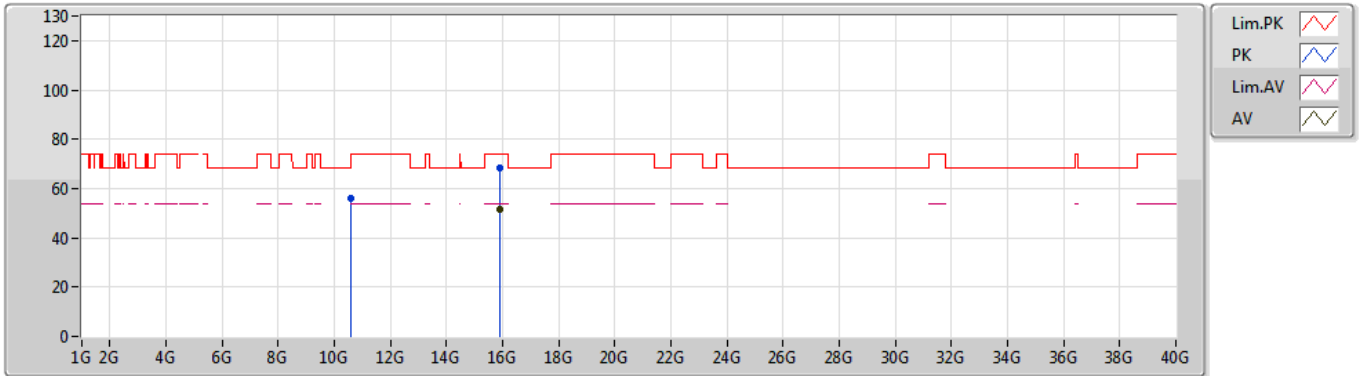
EUT Z_2TX
Setting 25
03-F-C-4

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|
| PK | 10.59916G | 58.69 | 68.20 | -9.51 | 11.91 | 3 | Vertical | 315 | 1.75 | - | 46.78 |
| PK | 15.90048G | 66.97 | 74.00 | -7.03 | 12.72 | 3 | Vertical | 87 | 1.62 | - | 54.25 |
| AV | 15.89988G | 50.37 | 54.00 | -3.63 | 12.72 | 3 | Vertical | 87 | 1.62 | - | 37.65 |

802.11ac VHT20_Nss1,(MCS0)_2TX

05/12/2019

5300MHz_TX



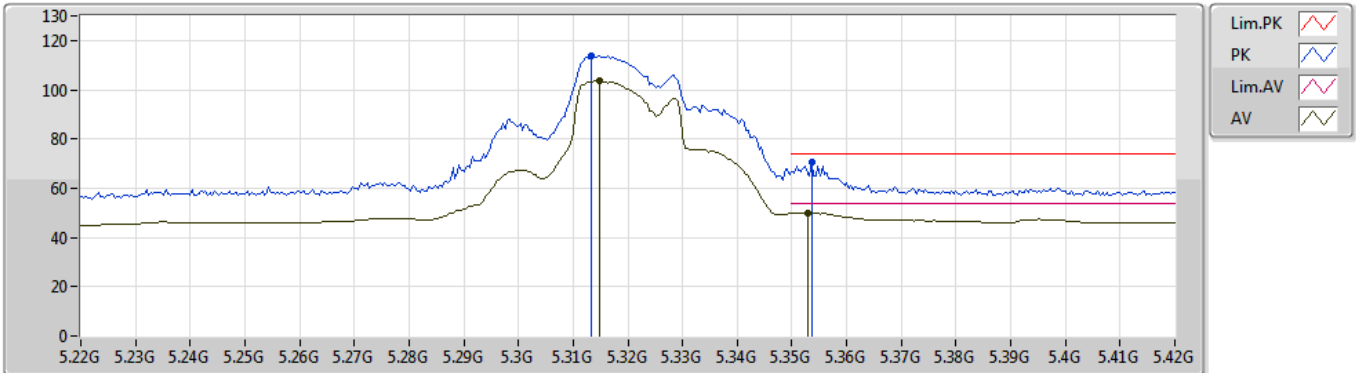
EUT Z_2TX
Setting 25
03-F-C-4

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|
| PK | 10.59976G | 55.82 | 68.20 | -12.38 | 11.91 | 3 | Horizontal | 332 | 1.87 | - | 43.91 |
| PK | 15.89688G | 68.46 | 74.00 | -5.54 | 12.72 | 3 | Horizontal | 113 | 1.70 | - | 55.74 |
| AV | 15.90492G | 51.73 | 54.00 | -2.27 | 12.70 | 3 | Horizontal | 113 | 1.70 | - | 39.03 |

802.11ac VHT20_Nss1,(MCS0)_2TX

05/12/2019

5320MHz_TX



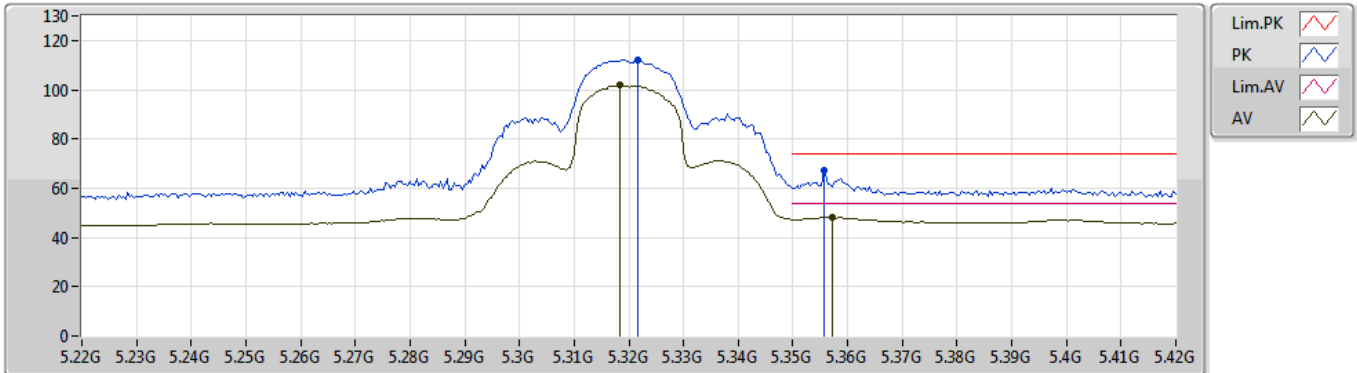
EUT_Z_2TX
 Setting 19
 06-D-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|
| PK | 5.3132G | 113.76 | Inf | -Inf | 5.16 | 3 | Vertical | 312 | 2.22 | - | 108.60 |
| AV | 5.3148G | 103.50 | Inf | -Inf | 5.16 | 3 | Vertical | 312 | 2.22 | - | 98.34 |
| PK | 5.3536G | 70.67 | 74.00 | -3.33 | 5.38 | 3 | Vertical | 312 | 2.22 | - | 65.29 |
| AV | 5.3528G | 50.03 | 54.00 | -3.97 | 5.37 | 3 | Vertical | 312 | 2.22 | - | 44.66 |

802.11ac VHT20_Nss1,(MCS0)_2TX

05/12/2019

5320MHz_TX



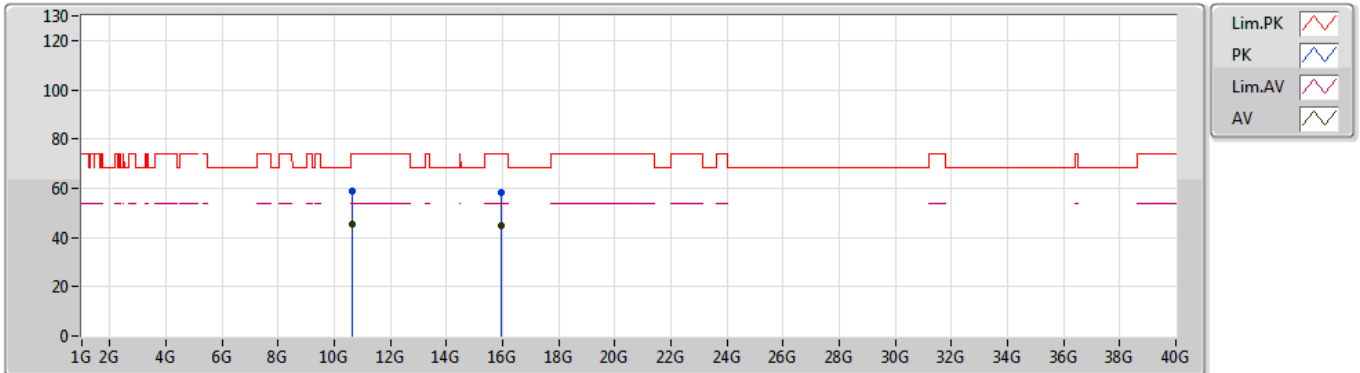
EUT Z_2TX
Setting 19
06-D-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|
| PK | 5.3216G | 112.09 | Inf | -Inf | 5.21 | 3 | Horizontal | 309 | 2.27 | - | 106.88 |
| AV | 5.3184G | 101.79 | Inf | -Inf | 5.19 | 3 | Horizontal | 309 | 2.27 | - | 96.60 |
| PK | 5.3556G | 67.26 | 74.00 | -6.74 | 5.40 | 3 | Horizontal | 309 | 2.27 | - | 61.86 |
| AV | 5.3572G | 48.19 | 54.00 | -5.81 | 5.41 | 3 | Horizontal | 309 | 2.27 | - | 42.78 |

802.11ac VHT20_Nss1,(MCS0)_2TX

05/12/2019

5320MHz_TX



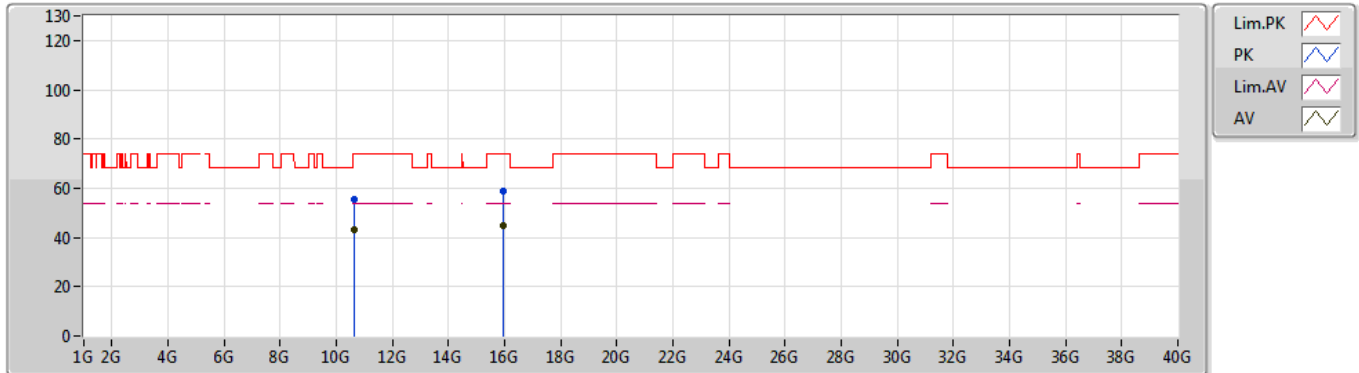
EUT_Z_2TX
Setting 19
04-F-C-4

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|
| PK | 10.64204G | 58.69 | 74.00 | -15.31 | 11.94 | 3 | Vertical | 320 | 1.83 | - | 46.75 |
| AV | 10.64024G | 45.34 | 54.00 | -8.66 | 11.93 | 3 | Vertical | 320 | 1.83 | - | 33.41 |
| PK | 15.97008G | 58.38 | 74.00 | -15.62 | 12.68 | 3 | Vertical | 86 | 1.62 | - | 45.70 |
| AV | 15.96036G | 44.68 | 54.00 | -9.32 | 12.68 | 3 | Vertical | 86 | 1.62 | - | 32.00 |

802.11ac VHT20_Nss1,(MCS0)_2TX

05/12/2019

5320MHz_TX



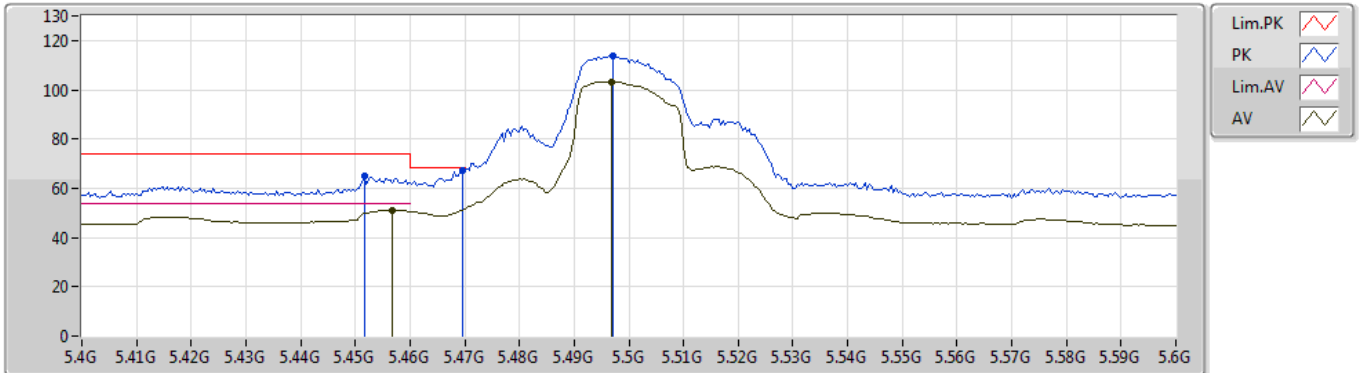
EUT_Z_2TX
Setting 19
04-F-C-4

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|
| PK | 10.64168G | 55.52 | 74.00 | -18.48 | 11.94 | 3 | Horizontal | 331 | 1.77 | - | 43.58 |
| AV | 10.64012G | 42.93 | 54.00 | -11.07 | 11.93 | 3 | Horizontal | 331 | 1.77 | - | 31.00 |
| PK | 15.97008G | 58.98 | 74.00 | -15.02 | 12.68 | 3 | Horizontal | 118 | 1.72 | - | 46.30 |
| AV | 15.9648G | 45.03 | 54.00 | -8.97 | 12.68 | 3 | Horizontal | 118 | 1.72 | - | 32.35 |

802.11ac VHT20_Nss1,(MCS0)_2TX

03/12/2019

5500MHz_TX



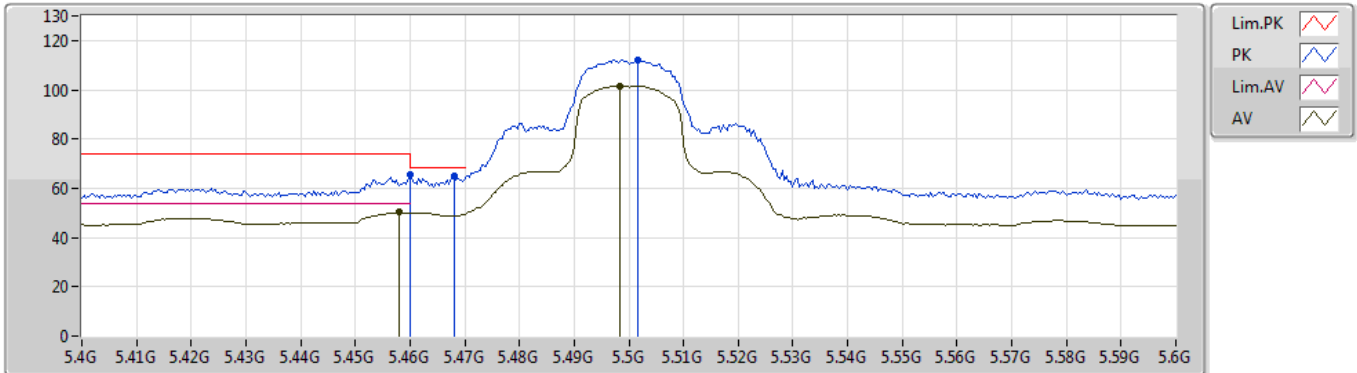
EUT_Z_2TX
Setting 18
06-D-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|
| PK | 5.4516G | 64.95 | 74.00 | -9.05 | 5.71 | 3 | Vertical | 317 | 2.21 | - | 59.24 |
| AV | 5.4568G | 51.11 | 54.00 | -2.89 | 5.72 | 3 | Vertical | 317 | 2.21 | - | 45.39 |
| PK | 5.4696G | 67.25 | 68.20 | -0.95 | 5.75 | 3 | Vertical | 317 | 2.21 | - | 61.50 |
| PK | 5.4972G | 113.58 | Inf | -Inf | 5.78 | 3 | Vertical | 317 | 2.21 | - | 107.80 |
| AV | 5.4968G | 103.29 | Inf | -Inf | 5.78 | 3 | Vertical | 317 | 2.21 | - | 97.51 |

802.11ac VHT20_Nss1,(MCS0)_2TX

03/12/2019

5500MHz_TX



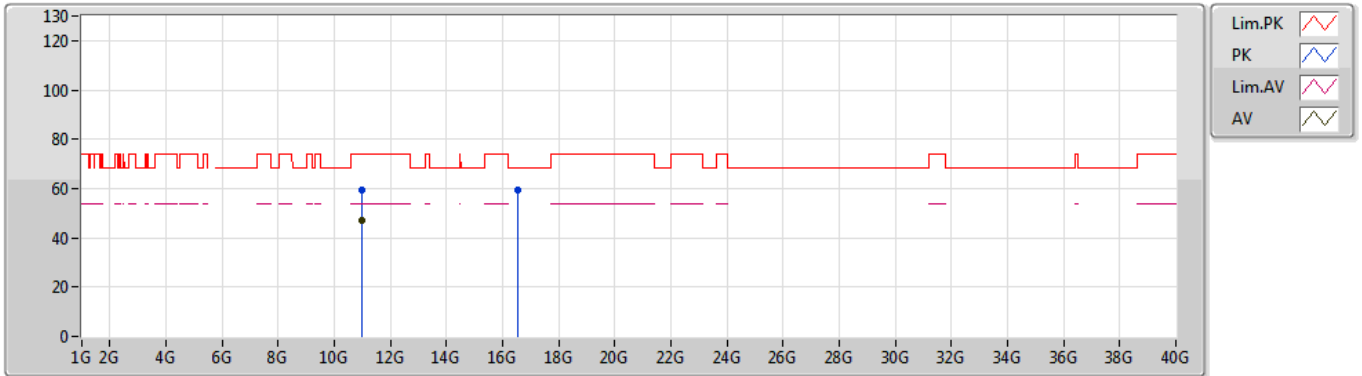
EUT_Z_2TX
Setting 18
06-D-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|
| PK | 5.46G | 65.33 | 74.00 | -8.67 | 5.73 | 3 | Horizontal | 308 | 2.03 | - | 59.60 |
| AV | 5.458G | 50.18 | 54.00 | -3.82 | 5.73 | 3 | Horizontal | 308 | 2.03 | - | 44.45 |
| PK | 5.468G | 65.18 | 68.20 | -3.02 | 5.75 | 3 | Horizontal | 308 | 2.03 | - | 59.43 |
| PK | 5.5016G | 112.10 | Inf | -Inf | 5.79 | 3 | Horizontal | 308 | 2.03 | - | 106.31 |
| AV | 5.4984G | 101.70 | Inf | -Inf | 5.79 | 3 | Horizontal | 308 | 2.03 | - | 95.91 |

802.11ac VHT20_Nss1,(MCS0)_2TX

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5500MHz_TX



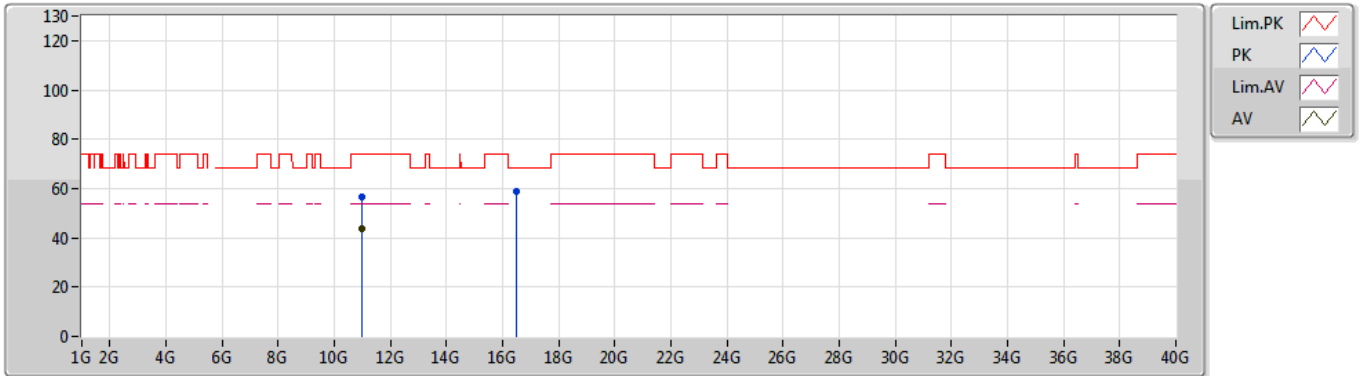
EUT_Z_2TX
Setting 18
03-F-C-4

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|
| PK | 11.00036G | 59.38 | 74.00 | -14.62 | 12.19 | 3 | Vertical | 316 | 1.81 | - | 47.19 |
| AV | 11.00024G | 46.95 | 54.00 | -7.05 | 12.19 | 3 | Vertical | 316 | 1.81 | - | 34.76 |
| PK | 16.5288G | 59.13 | 68.20 | -9.07 | 13.92 | 3 | Vertical | 242 | 2.81 | - | 45.21 |

802.11ac VHT20_Nss1,(MCS0)_2TX

05/12/2019

5500MHz_TX



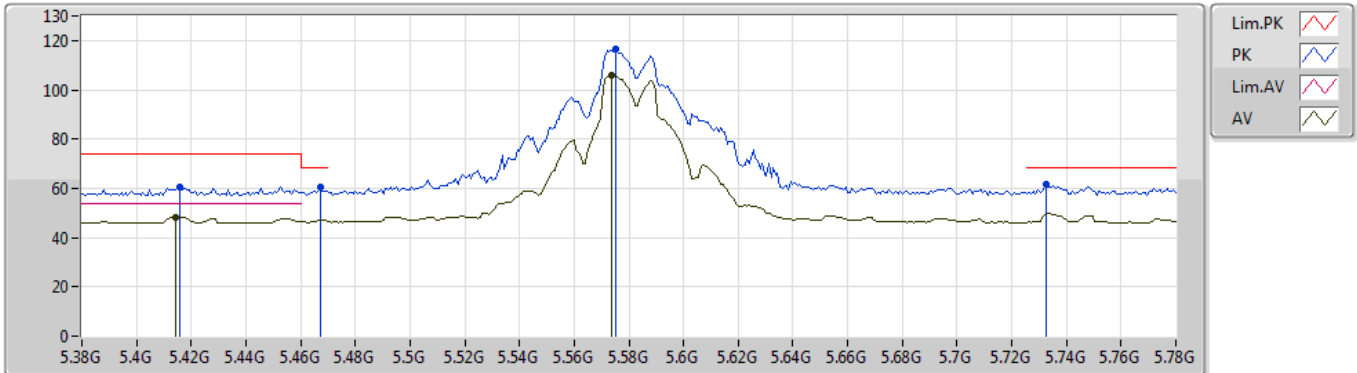
EUT_Z_2TX
Setting 18
03-F-C-4

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|
| PK | 10.99928G | 56.72 | 74.00 | -17.28 | 12.19 | 3 | Horizontal | 238 | 1.94 | - | 44.53 |
| AV | 11.00012G | 43.45 | 54.00 | -10.55 | 12.19 | 3 | Horizontal | 238 | 1.94 | - | 31.26 |
| PK | 16.5078G | 58.89 | 68.20 | -9.31 | 13.87 | 3 | Horizontal | 157 | 2.92 | - | 45.02 |

802.11ac VHT20_Nss1,(MCS0)_2TX

05/12/2019

5580MHz_TX



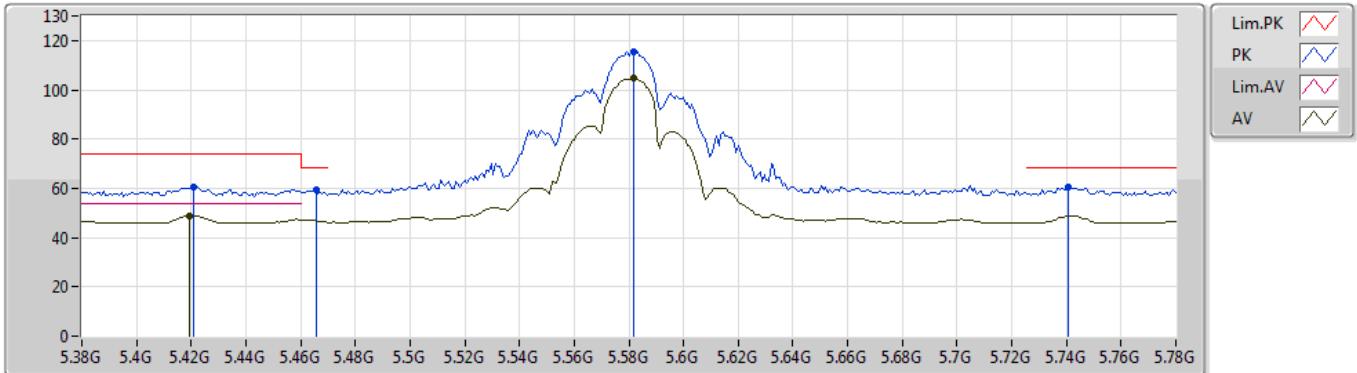
EUT_Z_2TX
Setting 25
03-C-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|
| PK | 5.416G | 60.70 | 74.00 | -13.30 | 6.06 | 3 | Vertical | 241 | 2.03 | - | 54.64 |
| AV | 5.4144G | 48.26 | 54.00 | -5.74 | 6.04 | 3 | Vertical | 241 | 2.03 | - | 42.22 |
| PK | 5.4672G | 60.58 | 68.20 | -7.62 | 6.19 | 3 | Vertical | 241 | 2.03 | - | 54.39 |
| PK | 5.5752G | 116.39 | Inf | -Inf | 6.29 | 3 | Vertical | 241 | 2.03 | - | 110.10 |
| AV | 5.5736G | 105.68 | Inf | -Inf | 6.29 | 3 | Vertical | 241 | 2.03 | - | 99.39 |
| PK | 5.7328G | 61.38 | 68.20 | -6.82 | 6.11 | 3 | Vertical | 241 | 2.03 | - | 55.27 |

802.11ac VHT20_Nss1,(MCS0)_2TX

05/12/2019

5580MHz_TX



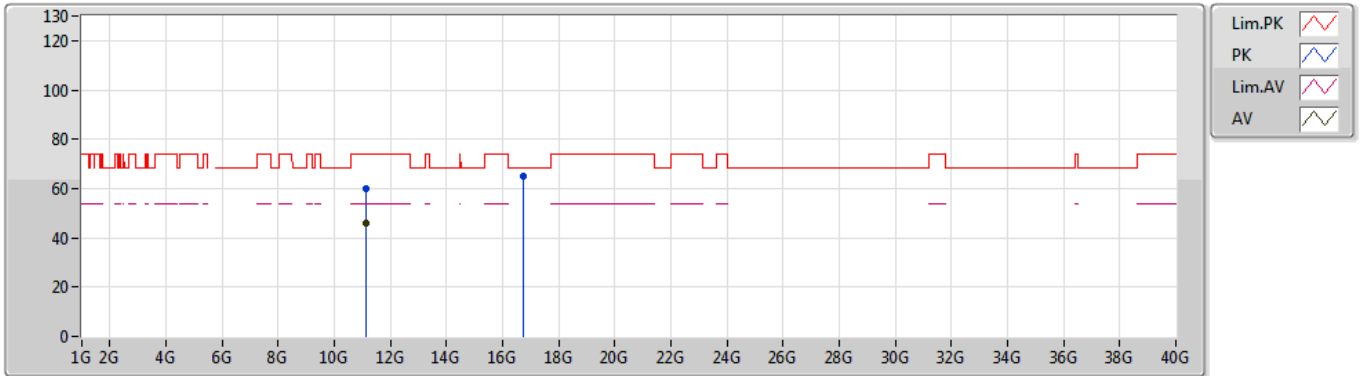
EUT_Z_2TX
Setting 25
03-C-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|
| PK | 5.4208G | 60.63 | 74.00 | -13.37 | 6.06 | 3 | Horizontal | 318 | 2.83 | - | 54.57 |
| AV | 5.4192G | 48.79 | 54.00 | -5.21 | 6.06 | 3 | Horizontal | 318 | 2.83 | - | 42.73 |
| PK | 5.4656G | 59.13 | 68.20 | -9.07 | 6.18 | 3 | Horizontal | 318 | 2.83 | - | 52.95 |
| PK | 5.5816G | 115.42 | Inf | -Inf | 6.29 | 3 | Horizontal | 318 | 2.83 | - | 109.13 |
| AV | 5.5816G | 104.81 | Inf | -Inf | 6.29 | 3 | Horizontal | 318 | 2.83 | - | 98.52 |
| PK | 5.7408G | 60.52 | 68.20 | -7.68 | 6.11 | 3 | Horizontal | 318 | 2.83 | - | 54.41 |

802.11ac VHT20_Nss1,(MCS0)_2TX

05/12/2019

5580MHz_TX



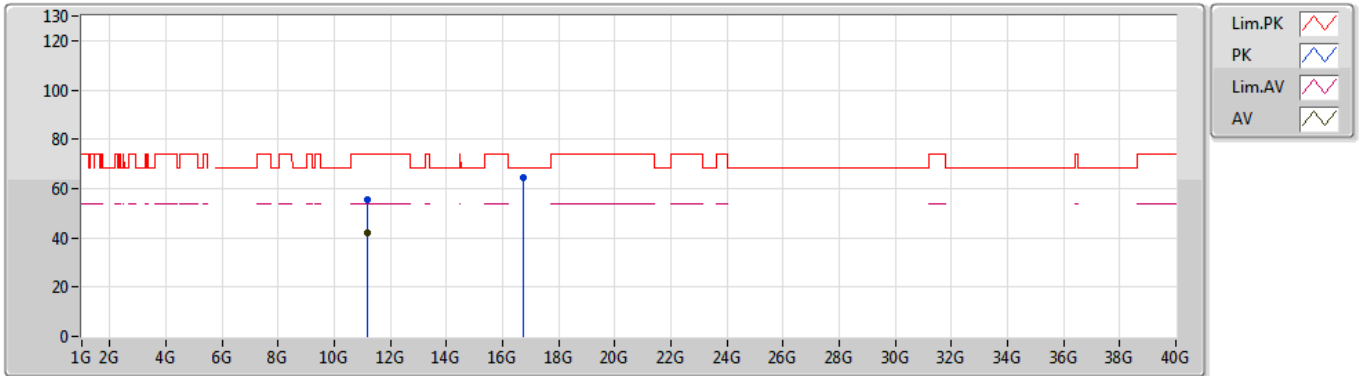
EUT Z_2TX
Setting 25
04-F-C-4

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|
| PK | 11.15172G | 60.23 | 74.00 | -13.77 | 12.02 | 3 | Vertical | 177 | 1.77 | - | 48.21 |
| AV | 11.15268G | 46.05 | 54.00 | -7.95 | 12.02 | 3 | Vertical | 177 | 1.77 | - | 34.03 |
| PK | 16.74696G | 65.01 | 68.20 | -3.19 | 14.44 | 3 | Vertical | 240 | 1.63 | - | 50.57 |

802.11ac VHT20_Nss1,(MCS0)_2TX

05/12/2019

5580MHz_TX



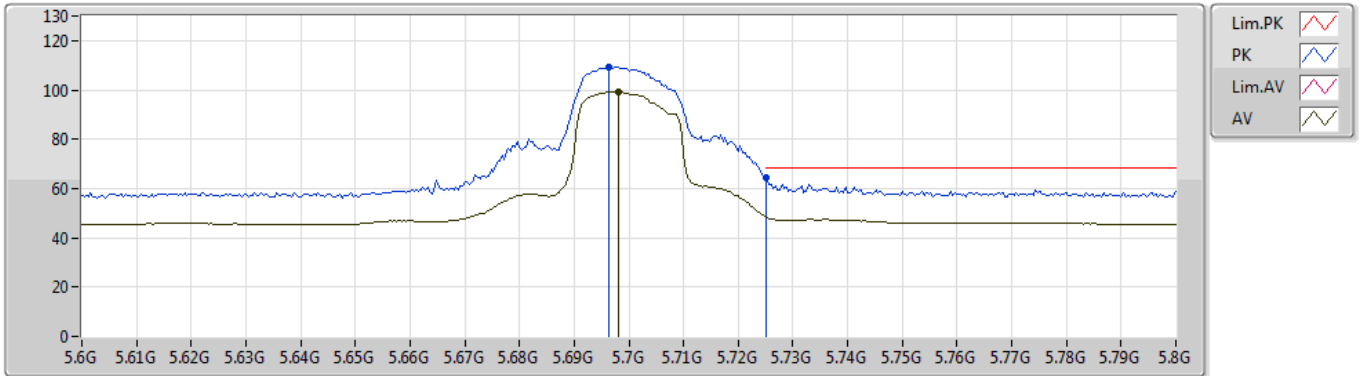
EUT Z_2TX
Setting 25
04-F-C-4

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|
| PK | 11.16192G | 55.49 | 74.00 | -18.51 | 12.01 | 3 | Horizontal | 260 | 1.67 | - | 43.48 |
| AV | 11.16492G | 42.00 | 54.00 | -12.00 | 12.01 | 3 | Horizontal | 260 | 1.67 | - | 29.99 |
| PK | 16.74216G | 64.30 | 68.20 | -3.90 | 14.43 | 3 | Horizontal | 260 | 1.67 | - | 49.87 |

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03/12/2019

5700MHz_TX



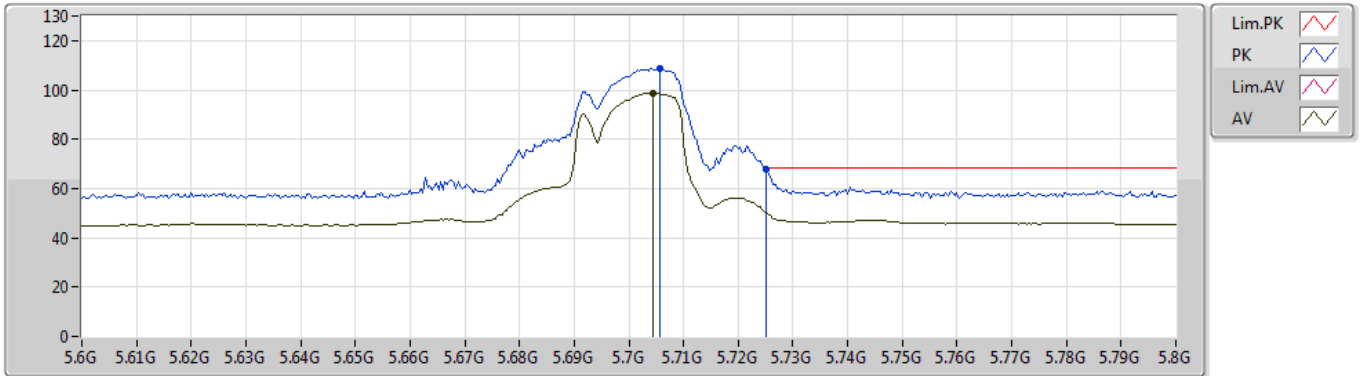
EUT_Z_2TX
Setting 16
06-D-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|
| PK | 5.6964G | 109.33 | Inf | -Inf | 5.70 | 3 | Vertical | 322 | 2.18 | - | 103.63 |
| AV | 5.698G | 99.22 | Inf | -Inf | 5.70 | 3 | Vertical | 322 | 2.18 | - | 93.52 |
| PK | 5.7252G | 64.48 | 68.20 | -3.72 | 5.82 | 3 | Vertical | 322 | 2.18 | - | 58.66 |

802.11ac VHT20_Nss1,(MCS0)_2TX

03/12/2019

5700MHz_TX



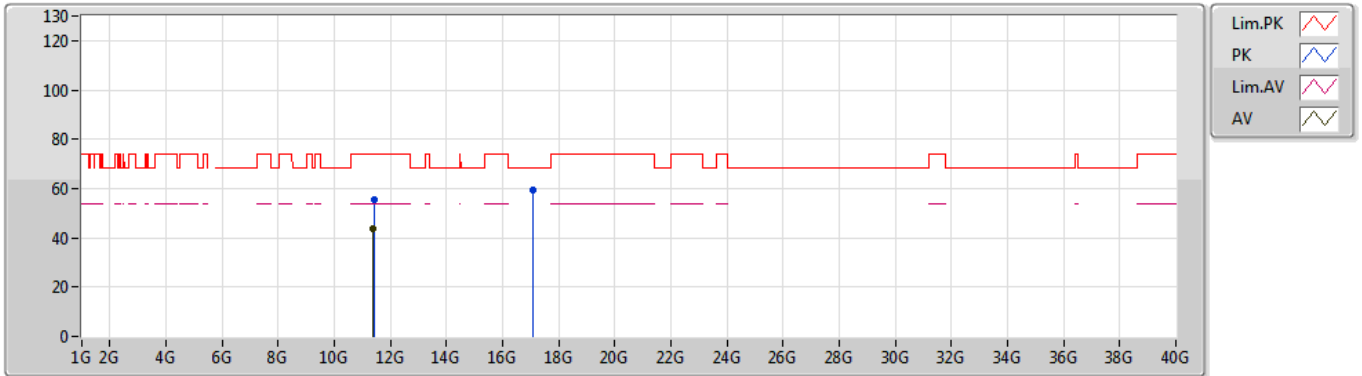
EUT Z_2TX
Setting 16
06-D-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|
| PK | 5.7056G | 108.84 | Inf | -Inf | 5.73 | 3 | Horizontal | 323 | 2.18 | - | 103.11 |
| AV | 5.7044G | 98.71 | Inf | -Inf | 5.72 | 3 | Horizontal | 323 | 2.18 | - | 92.99 |
| PK | 5.7252G | 67.96 | 68.20 | -0.24 | 5.82 | 3 | Horizontal | 323 | 2.18 | - | 62.14 |

802.11ac VHT20_Nss1,(MCS0)_2TX

05/12/2019

5700MHz_TX



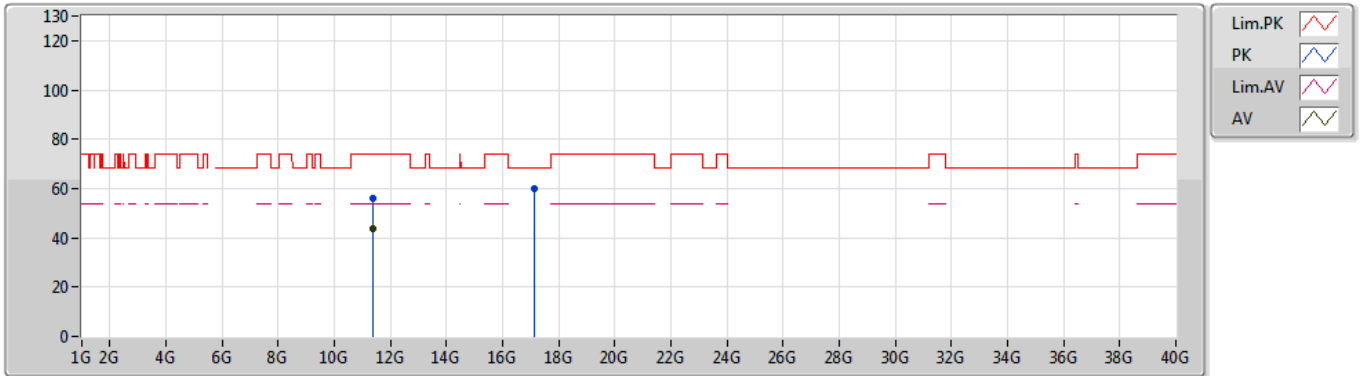
EUT_Z_2TX
Setting 16
04-F-C-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|
| PK | 11.40228G | 55.44 | 74.00 | -18.56 | 11.73 | 3 | Vertical | 0 | 2.99 | - | 43.71 |
| AV | 11.40012G | 43.93 | 54.00 | -10.07 | 11.73 | 3 | Vertical | 0 | 2.99 | - | 32.20 |
| PK | 17.1024G | 59.66 | 68.20 | -8.54 | 15.20 | 3 | Vertical | 40 | 2.00 | - | 44.46 |

802.11ac VHT20_Nss1,(MCS0)_2TX

05/12/2019

5700MHz_TX



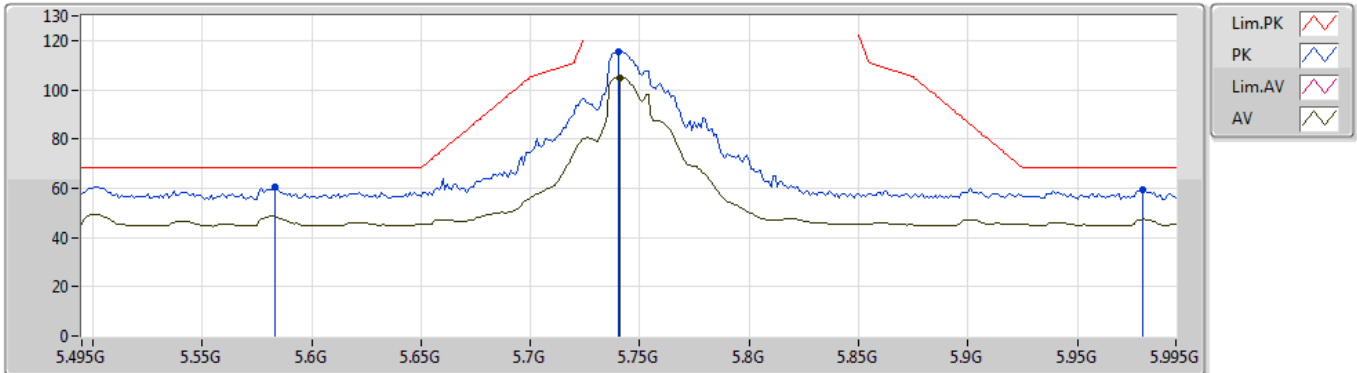
EUT Z_2TX
Setting 16
04-F-C-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|
| PK | 11.40024G | 56.23 | 74.00 | -17.77 | 11.73 | 3 | Horizontal | 251 | 2.26 | - | 44.50 |
| AV | 11.40012G | 43.54 | 54.00 | -10.46 | 11.73 | 3 | Horizontal | 251 | 2.26 | - | 31.81 |
| PK | 17.10696G | 59.86 | 68.20 | -8.34 | 15.21 | 3 | Horizontal | 24 | 2.56 | - | 44.65 |

802.11ac VHT20_Nss1,(MCS0)_2TX

03/12/2019

5745MHz_TX



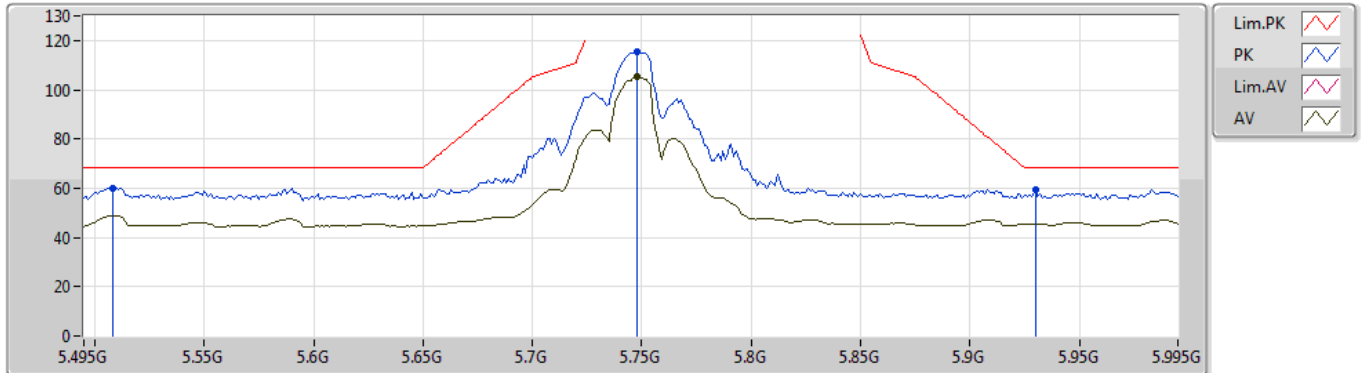
EUT_Z_2TX
Setting 25
06-D-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|
| PK | 5.583G | 60.28 | 68.20 | -7.92 | 5.59 | 3 | Vertical | 316 | 2.14 | - | 54.69 |
| PK | 5.74G | 115.70 | Inf | -Inf | 5.88 | 3 | Vertical | 316 | 2.14 | - | 109.82 |
| AV | 5.741G | 104.96 | Inf | -Inf | 5.89 | 3 | Vertical | 316 | 2.14 | - | 99.07 |
| PK | 5.98G | 59.48 | 68.20 | -8.72 | 6.30 | 3 | Vertical | 316 | 2.14 | - | 53.18 |

802.11ac VHT20_Nss1,(MCS0)_2TX

03/12/2019

5745MHz_TX



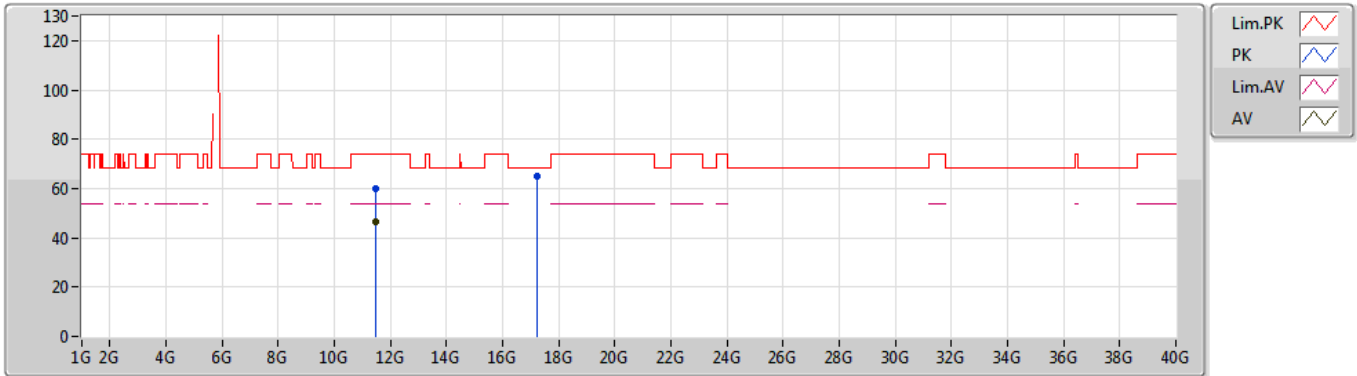
EUT_Z_2TX
Setting 25
06-D-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|
| PK | 5.508G | 60.05 | 68.20 | -8.15 | 5.77 | 3 | Horizontal | 319 | 2.23 | - | 54.28 |
| PK | 5.748G | 115.61 | Inf | -Inf | 5.92 | 3 | Horizontal | 319 | 2.23 | - | 109.69 |
| AV | 5.748G | 105.13 | Inf | -Inf | 5.92 | 3 | Horizontal | 319 | 2.23 | - | 99.21 |
| PK | 5.93G | 59.61 | 68.20 | -8.59 | 6.35 | 3 | Horizontal | 319 | 2.23 | - | 53.26 |

802.11ac VHT20_Nss1,(MCS0)_2TX

05/12/2019

5745MHz_TX



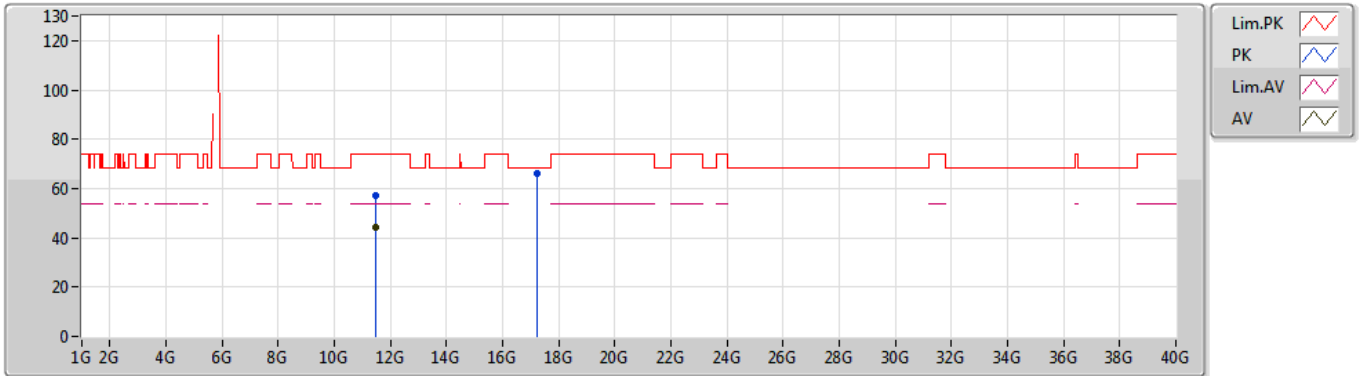
EUT Z_2TX
Setting 25
04-F-C-4

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|
| PK | 11.49456G | 59.82 | 74.00 | -14.18 | 11.62 | 3 | Vertical | 179 | 2.19 | - | 48.20 |
| AV | 11.4954G | 46.52 | 54.00 | -7.48 | 11.62 | 3 | Vertical | 179 | 2.19 | - | 34.90 |
| PK | 17.2308G | 65.12 | 68.20 | -3.08 | 15.40 | 3 | Vertical | 143 | 1.50 | - | 49.72 |

802.11ac VHT20_Nss1,(MCS0)_2TX

05/12/2019

5745MHz_TX



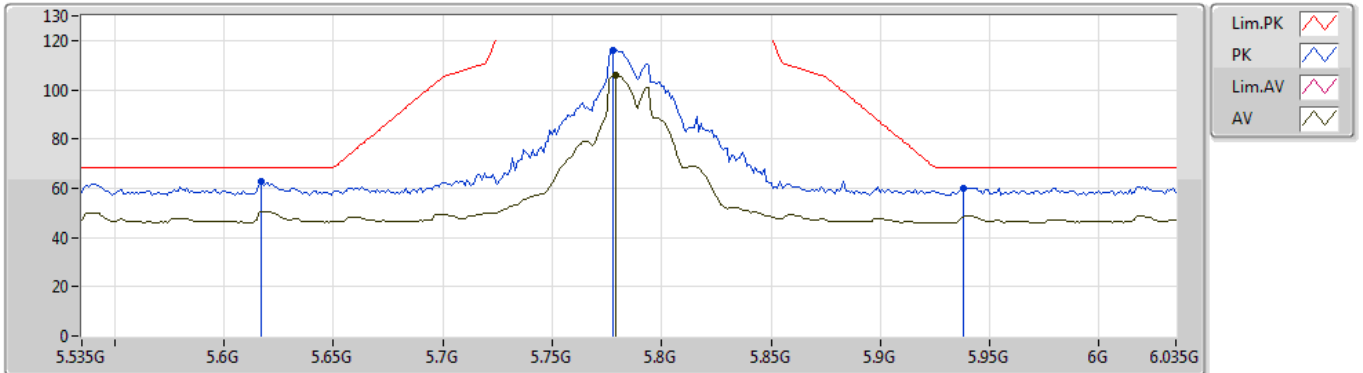
EUT_Z_2TX
Setting 25
04-F-C-4

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|
| PK | 11.48652G | 57.34 | 74.00 | -16.66 | 11.64 | 3 | Horizontal | 247 | 2.26 | - | 45.70 |
| AV | 11.48616G | 44.38 | 54.00 | -9.62 | 11.64 | 3 | Horizontal | 247 | 2.26 | - | 32.74 |
| PK | 17.24196G | 65.86 | 68.20 | -2.34 | 15.42 | 3 | Horizontal | 262 | 1.62 | - | 50.44 |

802.11ac VHT20_Nss1,(MCS0)_2TX

05/12/2019

5785MHz_TX



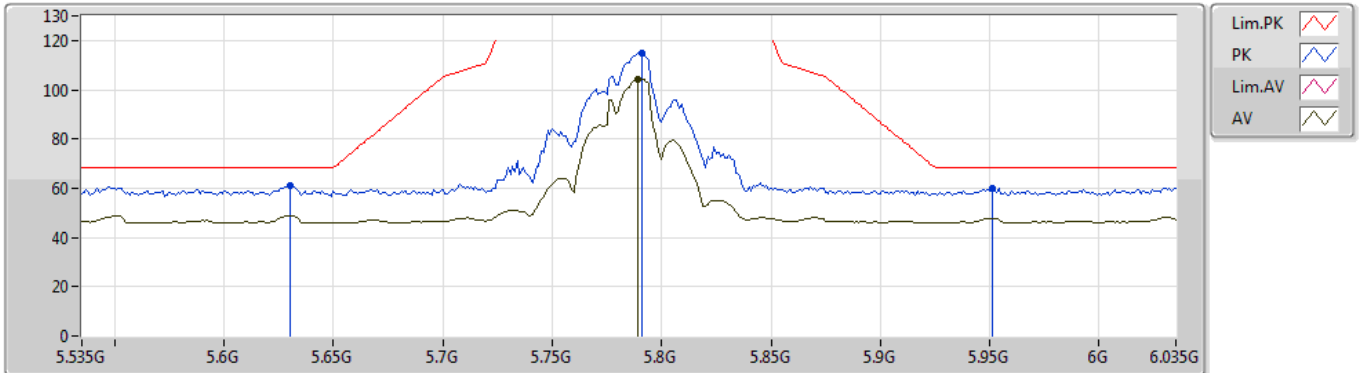
EUT_Z_2TX
Setting 25
03-C-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|
| PK | 5.617G | 62.58 | 68.20 | -5.62 | 6.27 | 3 | Vertical | 311 | 1.93 | - | 56.31 |
| PK | 5.778G | 116.20 | Inf | -Inf | 6.08 | 3 | Vertical | 311 | 1.93 | - | 110.12 |
| AV | 5.779G | 106.01 | Inf | -Inf | 6.08 | 3 | Vertical | 311 | 1.93 | - | 99.93 |
| PK | 5.938G | 60.16 | 68.20 | -8.04 | 6.44 | 3 | Vertical | 311 | 1.93 | - | 53.72 |

802.11ac VHT20_Nss1,(MCS0)_2TX

05/12/2019

5785MHz_TX



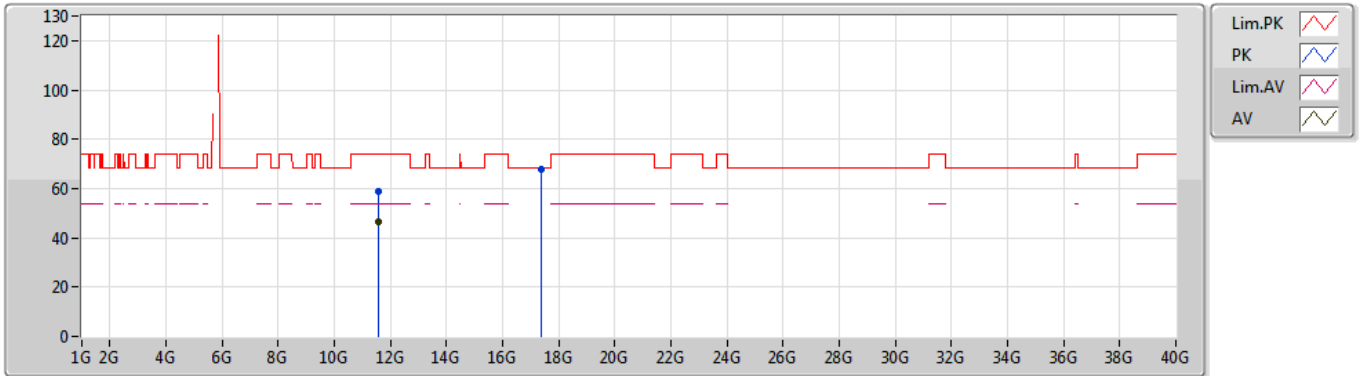
EUT_Z_2TX
Setting 25
03-C-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|
| PK | 5.63G | 60.93 | 68.20 | -7.27 | 6.26 | 3 | Horizontal | 330 | 2.08 | - | 54.67 |
| PK | 5.791G | 114.77 | Inf | -Inf | 6.07 | 3 | Horizontal | 330 | 2.08 | - | 108.70 |
| AV | 5.789G | 104.30 | Inf | -Inf | 6.08 | 3 | Horizontal | 330 | 2.08 | - | 98.22 |
| PK | 5.951G | 60.14 | 68.20 | -8.06 | 6.48 | 3 | Horizontal | 330 | 2.08 | - | 53.66 |

802.11ac VHT20_Nss1,(MCS0)_2TX

05/12/2019

5785MHz_TX



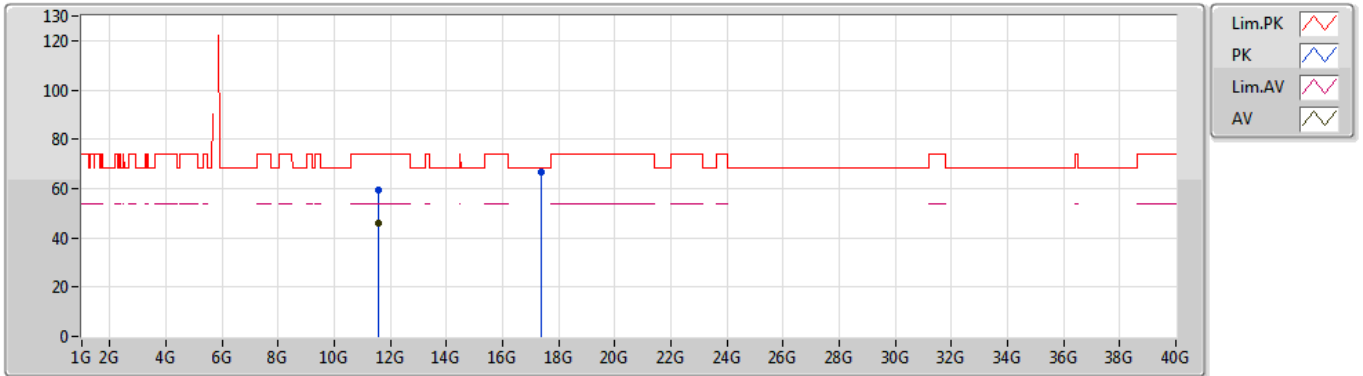
EUT Z_2TX
Setting 25
04-F-C-4

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|
| PK | 11.57024G | 58.98 | 74.00 | -15.02 | 11.54 | 3 | Vertical | 182 | 1.72 | - | 47.44 |
| AV | 11.5724G | 46.26 | 54.00 | -7.74 | 11.54 | 3 | Vertical | 182 | 1.72 | - | 34.72 |
| PK | 17.35344G | 68.01 | 68.20 | -0.19 | 15.58 | 3 | Vertical | 143 | 1.99 | - | 52.43 |

802.11ac VHT20_Nss1,(MCS0)_2TX

05/12/2019

5785MHz_TX



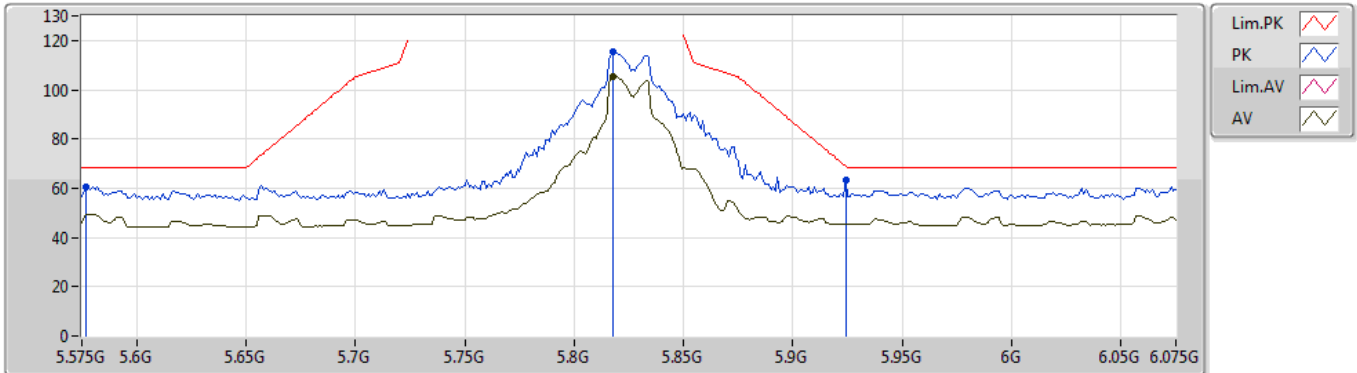
EUT Z_2TX
Setting 25
04-F-C-4

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|
| PK | 11.5682G | 59.44 | 74.00 | -14.56 | 11.55 | 3 | Horizontal | 273 | 1.84 | - | 47.89 |
| AV | 11.56712G | 46.04 | 54.00 | -7.96 | 11.55 | 3 | Horizontal | 273 | 1.84 | - | 34.49 |
| PK | 17.35548G | 66.76 | 68.20 | -1.44 | 15.58 | 3 | Horizontal | 248 | 1.63 | - | 51.18 |

802.11ac VHT20_Nss1,(MCS0)_2TX

03/12/2019

5825MHz_TX



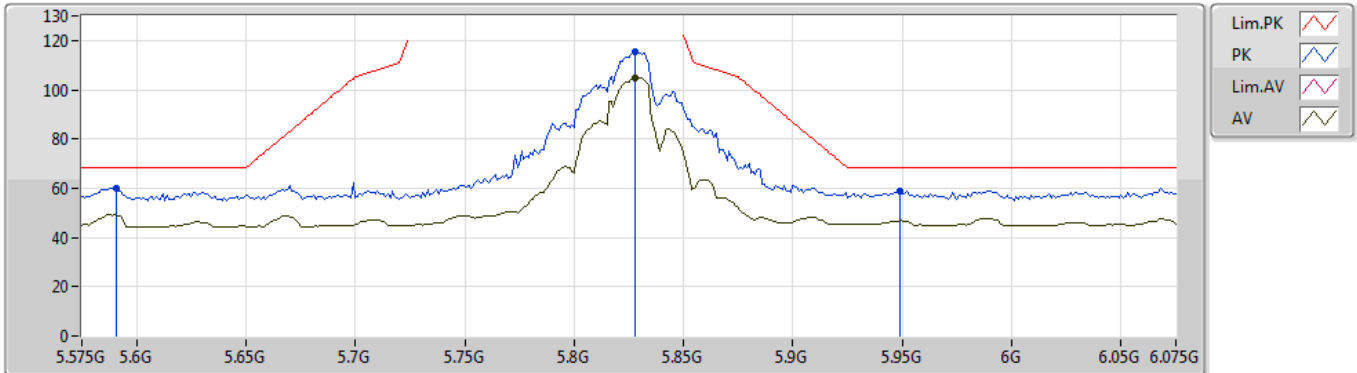
EUT_Z_2TX
Setting 25
06-D-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|
| PK | 5.577G | 60.65 | 68.20 | -7.55 | 5.61 | 3 | Vertical | 235 | 2.04 | - | 55.04 |
| PK | 5.818G | 115.47 | Inf | -Inf | 6.19 | 3 | Vertical | 235 | 2.04 | - | 109.28 |
| AV | 5.818G | 105.31 | Inf | -Inf | 6.19 | 3 | Vertical | 235 | 2.04 | - | 99.12 |
| PK | 5.924G | 63.24 | 68.94 | -5.70 | 6.35 | 3 | Vertical | 235 | 2.04 | - | 56.89 |

802.11ac VHT20_Nss1,(MCS0)_2TX

03/12/2019

5825MHz_TX



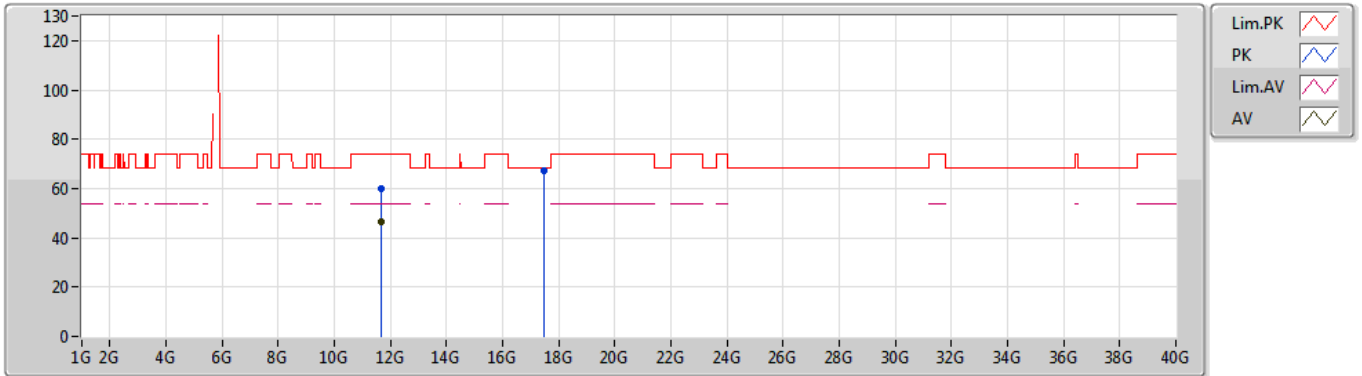
EUT_Z_2TX
Setting 25
06-D-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|
| PK | 5.591G | 60.16 | 68.20 | -8.04 | 5.57 | 3 | Horizontal | 321 | 2.11 | - | 54.59 |
| PK | 5.828G | 115.47 | Inf | -Inf | 6.22 | 3 | Horizontal | 321 | 2.11 | - | 109.25 |
| AV | 5.828G | 104.86 | Inf | -Inf | 6.22 | 3 | Horizontal | 321 | 2.11 | - | 98.64 |
| PK | 5.949G | 59.08 | 68.20 | -9.12 | 6.33 | 3 | Horizontal | 321 | 2.11 | - | 52.75 |

802.11ac VHT20_Nss1,(MCS0)_2TX

05/12/2019

5825MHz_TX



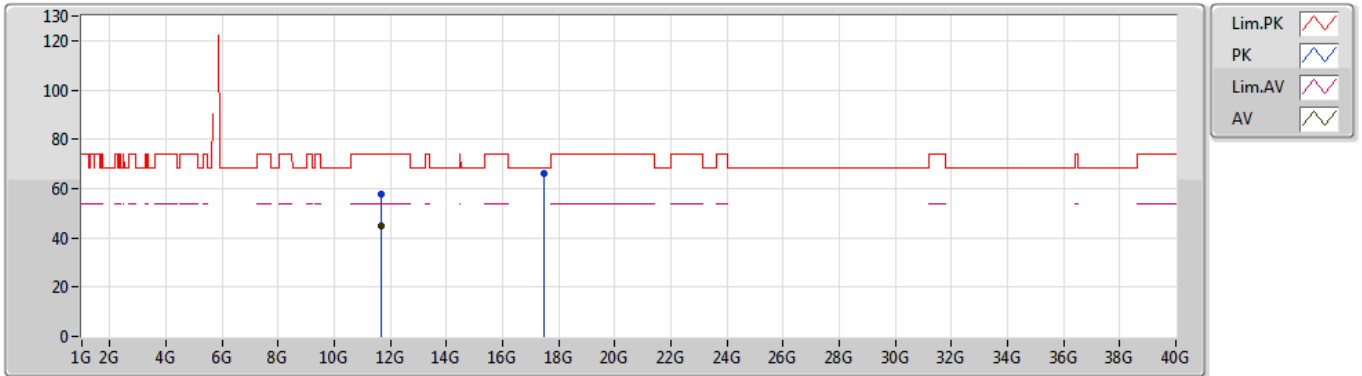
EUT Z_2TX
Setting 25
04-F-C-4

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|
| PK | 11.65108G | 59.74 | 74.00 | -14.26 | 11.45 | 3 | Vertical | 181 | 1.87 | - | 48.29 |
| AV | 11.65372G | 46.56 | 54.00 | -7.44 | 11.45 | 3 | Vertical | 181 | 1.87 | - | 35.11 |
| PK | 17.4672G | 67.43 | 68.20 | -0.77 | 15.76 | 3 | Vertical | 164 | 1.63 | - | 51.67 |

802.11ac VHT20_Nss1,(MCS0)_2TX

05/12/2019

5825MHz_TX



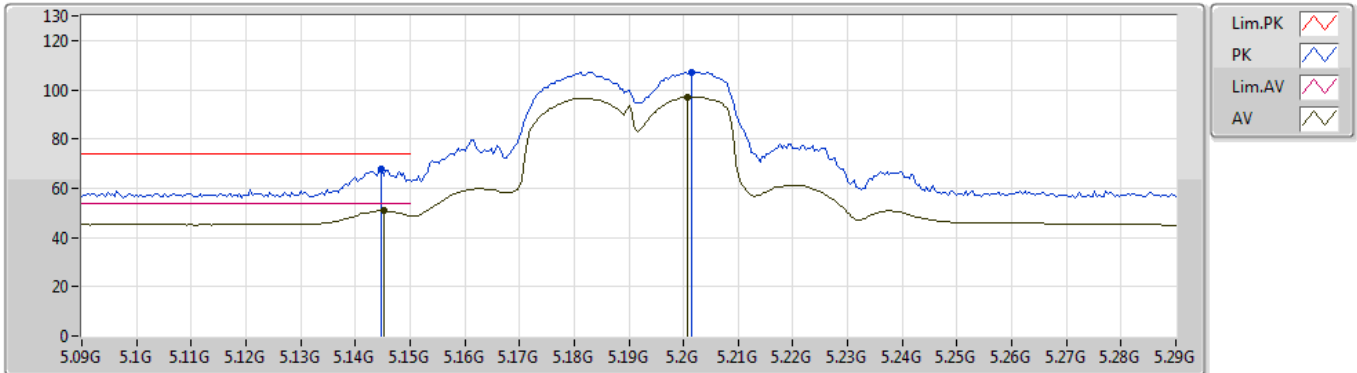
EUT_Z_2TX
Setting 25
04-F-C-4

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|
| PK | 11.64928G | 57.97 | 74.00 | -16.03 | 11.45 | 3 | Horizontal | 275 | 1.83 | - | 46.52 |
| AV | 11.64844G | 44.93 | 54.00 | -9.07 | 11.45 | 3 | Horizontal | 275 | 1.83 | - | 33.48 |
| PK | 17.4744G | 65.87 | 68.20 | -2.33 | 15.77 | 3 | Horizontal | 249 | 1.62 | - | 50.10 |

802.11ac VHT40_Nss1,(MCS0)_2TX

03/12/2019

5190MHz_TX



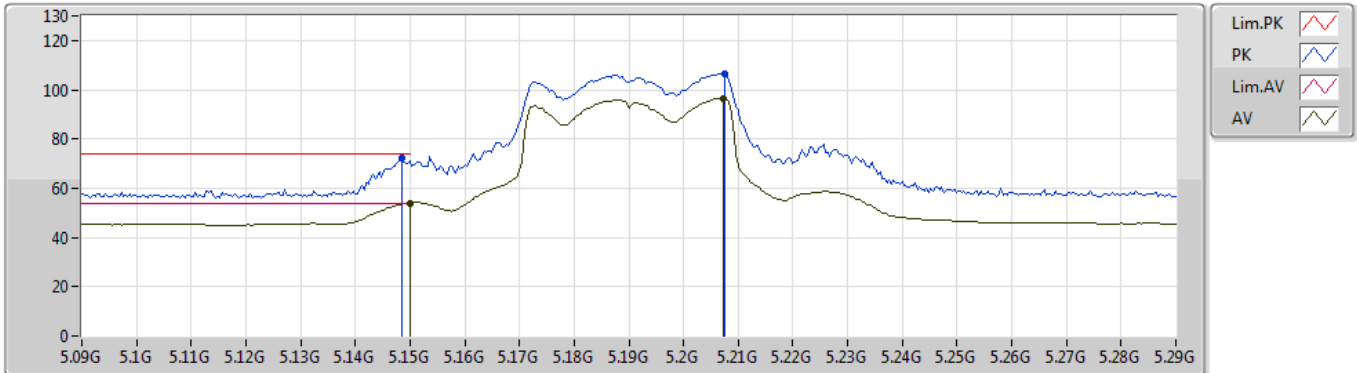
EUT_Z_2TX
Setting 16
06-D-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|
| PK | 5.1448G | 67.54 | 74.00 | -6.46 | 5.75 | 3 | Vertical | 300 | 2.07 | - | 61.79 |
| AV | 5.1452G | 50.78 | 54.00 | -3.22 | 5.74 | 3 | Vertical | 300 | 2.07 | - | 45.04 |
| PK | 5.2016G | 107.03 | Inf | -Inf | 5.43 | 3 | Vertical | 300 | 2.07 | - | 101.60 |
| AV | 5.2008G | 96.88 | Inf | -Inf | 5.44 | 3 | Vertical | 300 | 2.07 | - | 91.44 |

802.11ac VHT40_Nss1,(MCS0)_2TX

03/12/2019

5190MHz_TX



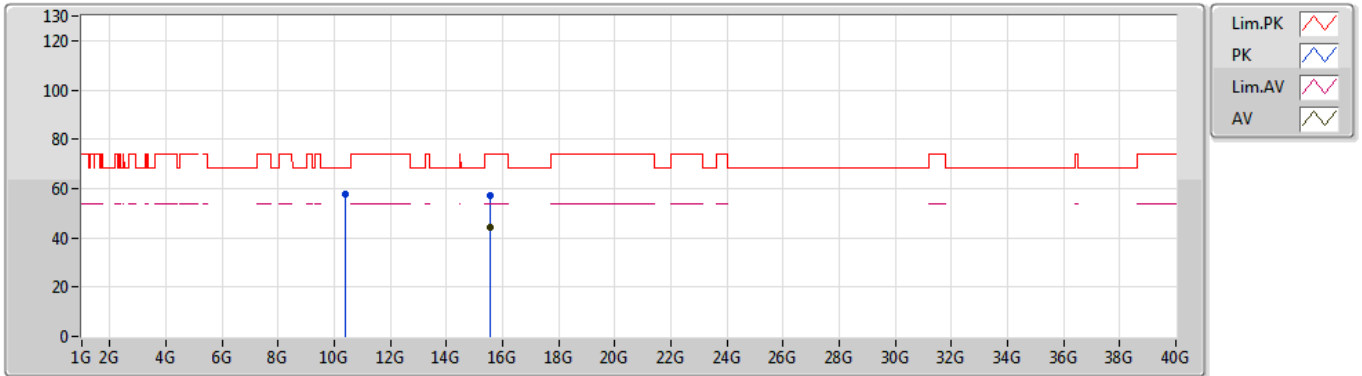
EUT Z_2TX
Setting 16
06-D-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|
| PK | 5.1484G | 72.11 | 74.00 | -1.89 | 5.73 | 3 | Horizontal | 305 | 2.32 | - | 66.38 |
| AV | 5.15G | 53.88 | 54.00 | -0.12 | 5.72 | 3 | Horizontal | 305 | 2.32 | - | 48.16 |
| PK | 5.2076G | 106.57 | Inf | -Inf | 5.42 | 3 | Horizontal | 305 | 2.32 | - | 101.15 |
| AV | 5.2072G | 96.59 | Inf | -Inf | 5.42 | 3 | Horizontal | 305 | 2.32 | - | 91.17 |

802.11ac VHT40_Nss1,(MCS0)_2TX

05/12/2019

5190MHz_TX



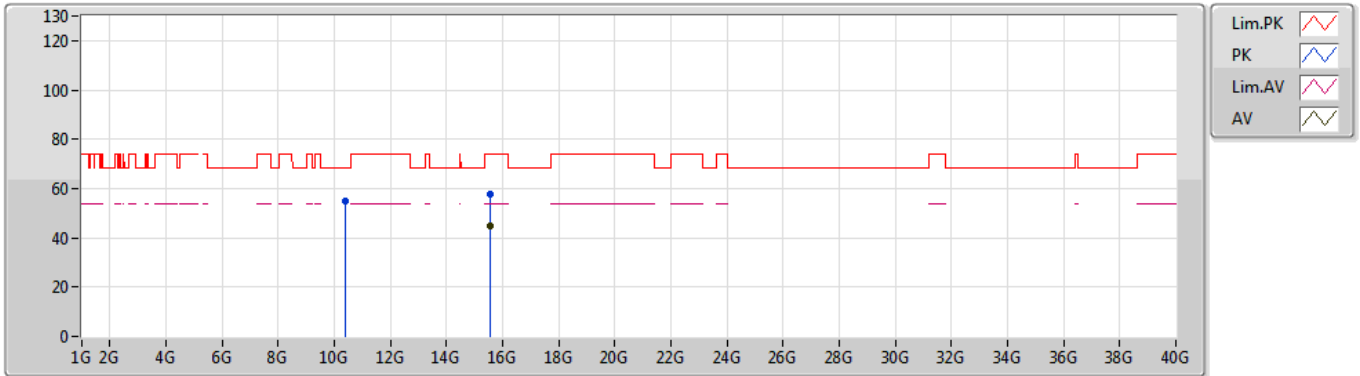
EUT Z_2TX
Setting 16
04-F-C-4

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|
| PK | 10.3782G | 57.88 | 68.20 | -10.32 | 11.75 | 3 | Vertical | 318 | 1.91 | - | 46.13 |
| PK | 15.57756G | 57.43 | 74.00 | -16.57 | 12.89 | 3 | Vertical | 212 | 1.57 | - | 44.54 |
| AV | 15.57G | 44.36 | 54.00 | -9.64 | 12.90 | 3 | Vertical | 212 | 1.57 | - | 31.46 |

802.11ac VHT40_Nss1,(MCS0)_2TX

05/12/2019

5190MHz_TX



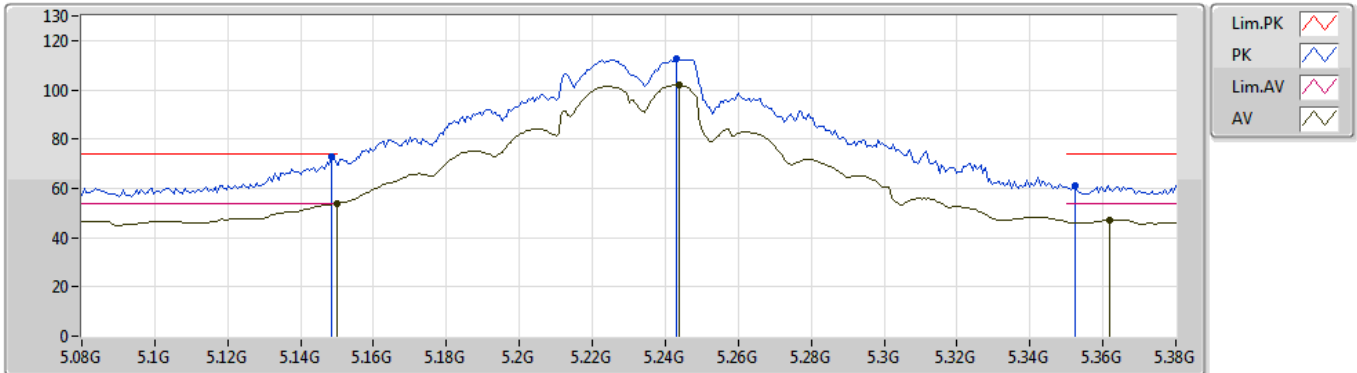
EUT Z_2TX
Setting 16
04-F-C-4

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|
| PK | 10.37868G | 54.87 | 68.20 | -13.33 | 11.75 | 3 | Horizontal | 300 | 1.89 | - | 43.12 |
| PK | 15.5724G | 57.60 | 74.00 | -16.40 | 12.90 | 3 | Horizontal | 0 | 1.70 | - | 44.70 |
| AV | 15.56988G | 45.06 | 54.00 | -8.94 | 12.90 | 3 | Horizontal | 0 | 1.70 | - | 32.16 |

802.11ac VHT40_Nss1,(MCS0)_2TX

05/12/2019

5230MHz_TX



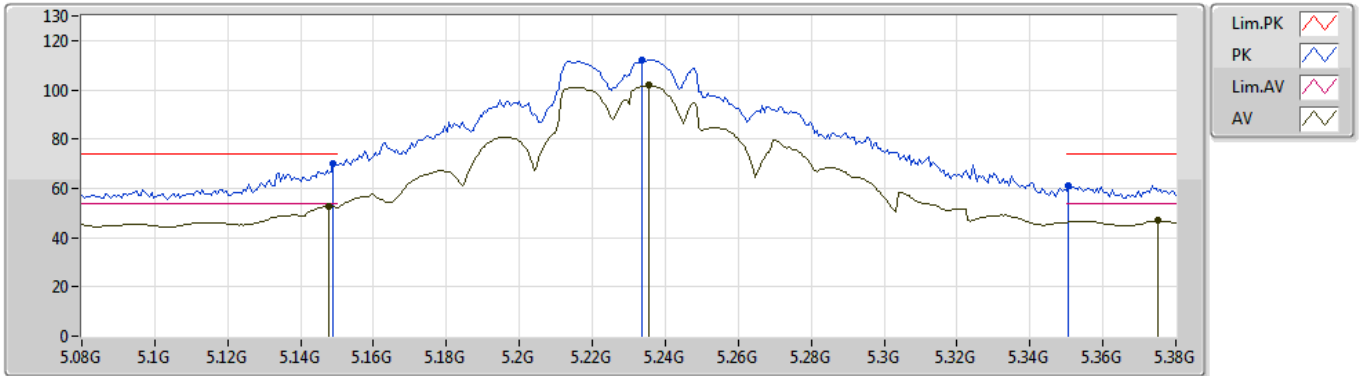
EUT Z_2TX
Setting 23
04-F-C-4-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|
| PK | 5.1484G | 72.72 | 74.00 | -1.28 | 4.14 | 3 | Vertical | 308 | 2.09 | - | 68.58 |
| AV | 5.15G | 53.91 | 54.00 | -0.09 | 4.14 | 3 | Vertical | 308 | 2.09 | - | 49.77 |
| PK | 5.2432G | 112.76 | Inf | -Inf | 4.20 | 3 | Vertical | 308 | 2.09 | - | 108.56 |
| AV | 5.2438G | 101.89 | Inf | -Inf | 4.20 | 3 | Vertical | 308 | 2.09 | - | 97.69 |
| PK | 5.3524G | 61.30 | 74.00 | -12.70 | 4.47 | 3 | Vertical | 308 | 2.09 | - | 56.83 |
| AV | 5.362G | 47.08 | 54.00 | -6.92 | 4.50 | 3 | Vertical | 308 | 2.09 | - | 42.58 |

802.11ac VHT40_Nss1,(MCS0)_2TX

05/12/2019

5230MHz_TX



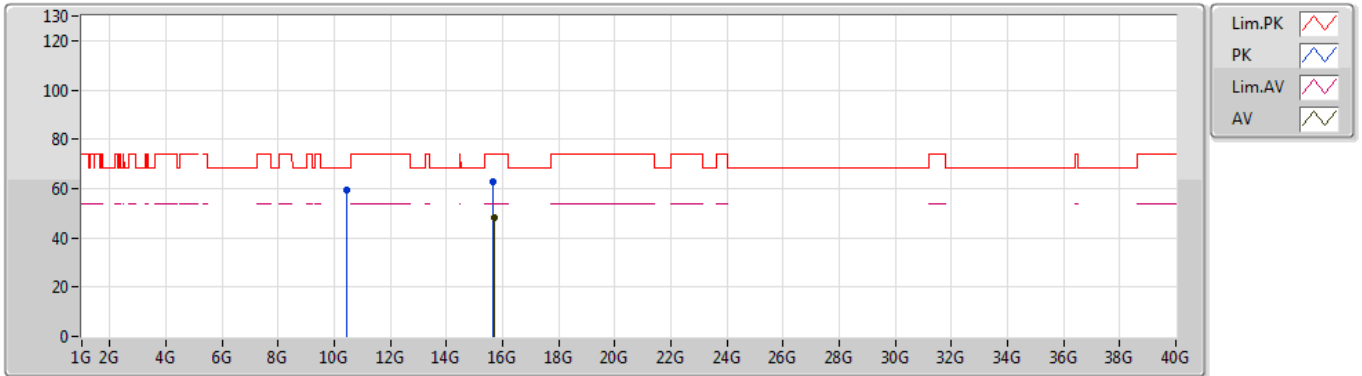
EUT_Z_2TX
Setting 23
04-F-C-4-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|
| PK | 5.149G | 70.11 | 74.00 | -3.89 | 4.14 | 3 | Horizontal | 323 | 2.17 | - | 65.97 |
| AV | 5.1478G | 52.76 | 54.00 | -1.24 | 4.14 | 3 | Horizontal | 323 | 2.17 | - | 48.62 |
| PK | 5.2336G | 112.31 | Inf | -Inf | 4.19 | 3 | Horizontal | 323 | 2.17 | - | 108.12 |
| AV | 5.2354G | 101.85 | Inf | -Inf | 4.20 | 3 | Horizontal | 323 | 2.17 | - | 97.65 |
| PK | 5.3506G | 61.17 | 74.00 | -12.83 | 4.46 | 3 | Horizontal | 323 | 2.17 | - | 56.71 |
| AV | 5.3752G | 46.82 | 54.00 | -7.18 | 4.55 | 3 | Horizontal | 323 | 2.17 | - | 42.27 |

802.11ac VHT40_Nss1,(MCS0)_2TX

10/12/2019

5230MHz_TX



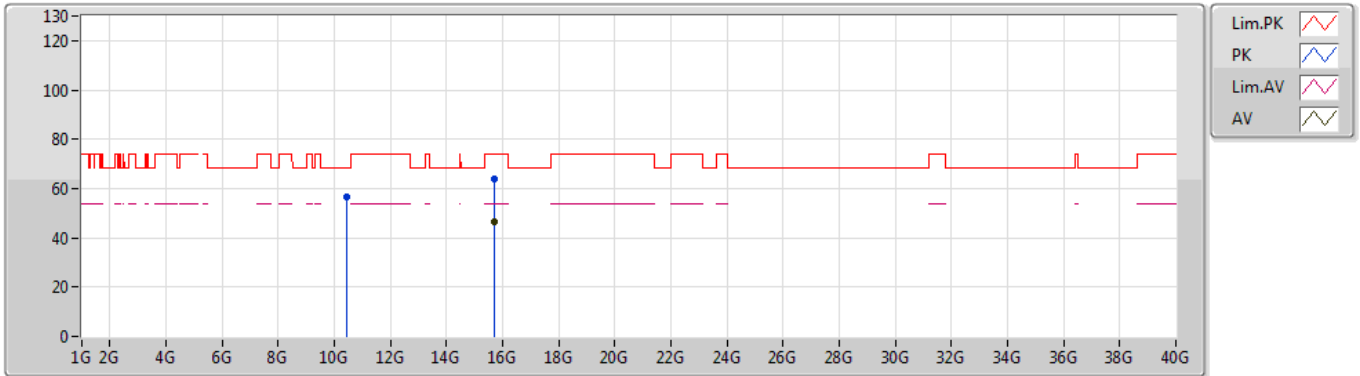
EUT Z_2TX
Setting 23
04-F-C-4

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|
| PK | 10.45652G | 59.12 | 68.20 | -9.08 | 11.81 | 3 | Vertical | 314 | 1.97 | - | 47.31 |
| PK | 15.68028G | 62.71 | 74.00 | -11.29 | 12.83 | 3 | Vertical | 37 | 2.04 | - | 49.88 |
| AV | 15.68544G | 48.30 | 54.00 | -5.70 | 12.84 | 3 | Vertical | 37 | 2.04 | - | 35.46 |

802.11ac VHT40_Nss1,(MCS0)_2TX

10/12/2019

5230MHz_TX



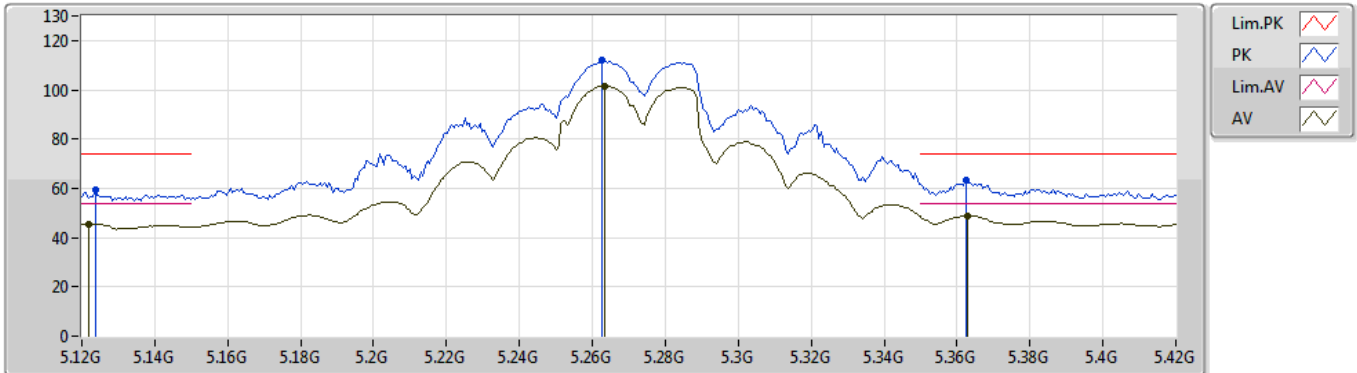
EUT Z_2TX
Setting 23
04-F-C-4

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|
| PK | 10.46156G | 56.71 | 68.20 | -11.49 | 11.81 | 3 | Horizontal | 32 | 1.61 | - | 44.90 |
| PK | 15.69708G | 63.61 | 74.00 | -10.39 | 12.83 | 3 | Horizontal | 96 | 1.69 | - | 50.78 |
| AV | 15.69444G | 46.70 | 54.00 | -7.30 | 12.84 | 3 | Horizontal | 96 | 1.69 | - | 33.86 |

802.11ac VHT40_Nss1,(MCS0)_2TX

05/12/2019

5270MHz_TX



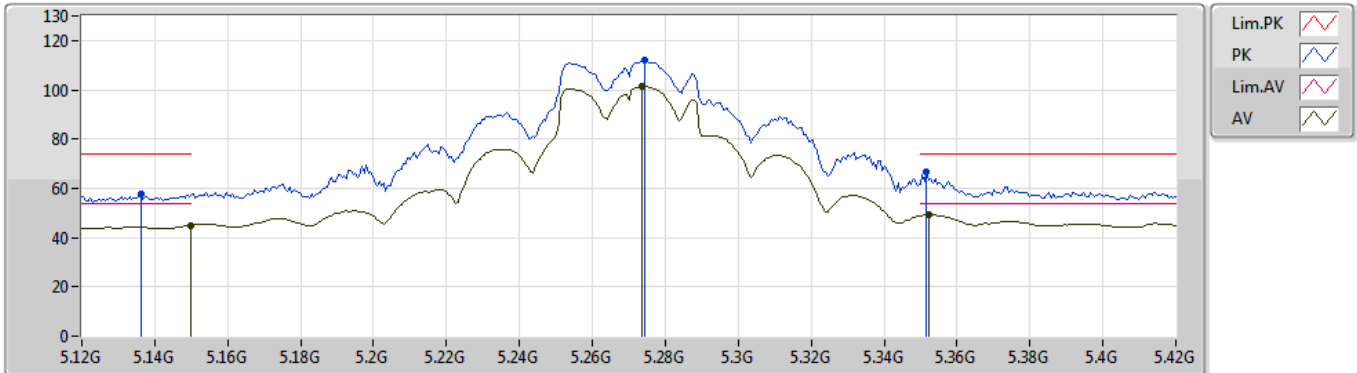
EUT_Z_2TX
Setting 21
04-F-C-4-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|
| PK | 5.1236G | 59.15 | 74.00 | -14.85 | 4.13 | 3 | Vertical | 303 | 2.07 | - | 55.02 |
| AV | 5.1218G | 45.39 | 54.00 | -8.61 | 4.13 | 3 | Vertical | 303 | 2.07 | - | 41.26 |
| PK | 5.2628G | 111.83 | Inf | -Inf | 4.22 | 3 | Vertical | 303 | 2.07 | - | 107.61 |
| AV | 5.2634G | 101.39 | Inf | -Inf | 4.22 | 3 | Vertical | 303 | 2.07 | - | 97.17 |
| PK | 5.3624G | 63.34 | 74.00 | -10.66 | 4.50 | 3 | Vertical | 303 | 2.07 | - | 58.84 |
| AV | 5.363G | 48.90 | 54.00 | -5.10 | 4.50 | 3 | Vertical | 303 | 2.07 | - | 44.40 |

802.11ac VHT40_Nss1,(MCS0)_2TX

05/12/2019

5270MHz_TX



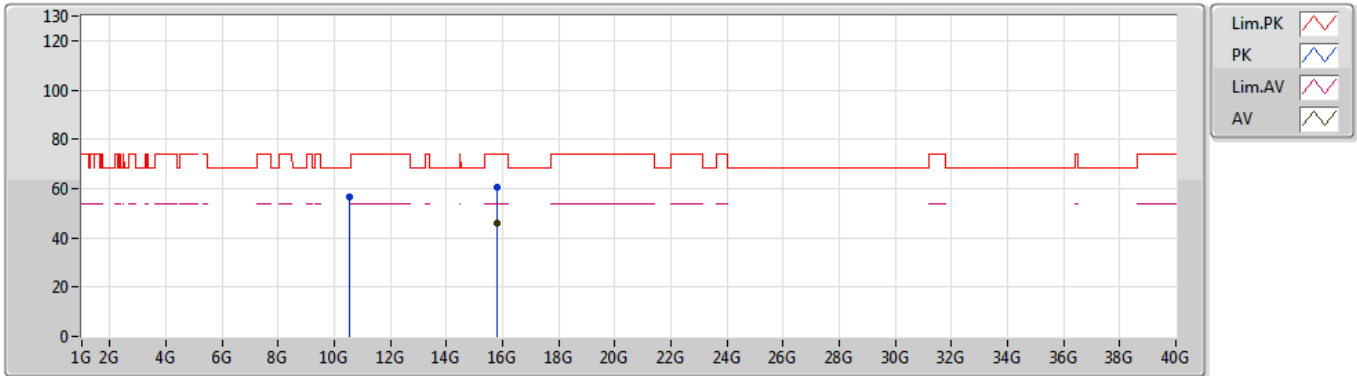
EUT_Z_2TX
Setting 21
04-F-C-4-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|
| PK | 5.1362G | 57.52 | 74.00 | -16.48 | 4.14 | 3 | Horizontal | 318 | 2.35 | - | 53.38 |
| AV | 5.15G | 44.86 | 54.00 | -9.14 | 4.14 | 3 | Horizontal | 318 | 2.35 | - | 40.72 |
| PK | 5.2742G | 111.84 | Inf | -Inf | 4.24 | 3 | Horizontal | 318 | 2.35 | - | 107.60 |
| AV | 5.2736G | 101.27 | Inf | -Inf | 4.24 | 3 | Horizontal | 318 | 2.35 | - | 97.03 |
| PK | 5.3516G | 66.70 | 74.00 | -7.30 | 4.46 | 3 | Horizontal | 318 | 2.35 | - | 62.24 |
| AV | 5.3522G | 49.34 | 54.00 | -4.66 | 4.47 | 3 | Horizontal | 318 | 2.35 | - | 44.87 |

802.11ac VHT40_Nss1,(MCS0)_2TX

05/12/2019

5270MHz_TX



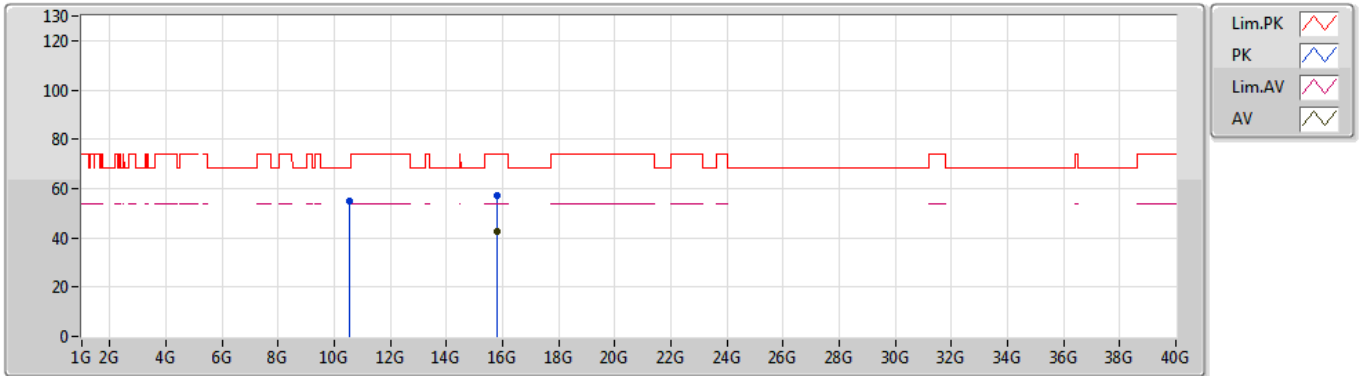
EUT Z_2TX
Setting 21
04-F-A-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|
| PK | 10.54188G | 56.37 | 68.20 | -11.83 | 11.87 | 3 | Vertical | 211 | 2.33 | - | 44.50 |
| PK | 15.80766G | 60.60 | 74.00 | -13.40 | 12.77 | 3 | Vertical | 229 | 1.70 | - | 47.83 |
| AV | 15.81036G | 45.72 | 54.00 | -8.28 | 12.77 | 3 | Vertical | 229 | 1.70 | - | 32.95 |

802.11ac VHT40_Nss1,(MCS0)_2TX

05/12/2019

5270MHz_TX



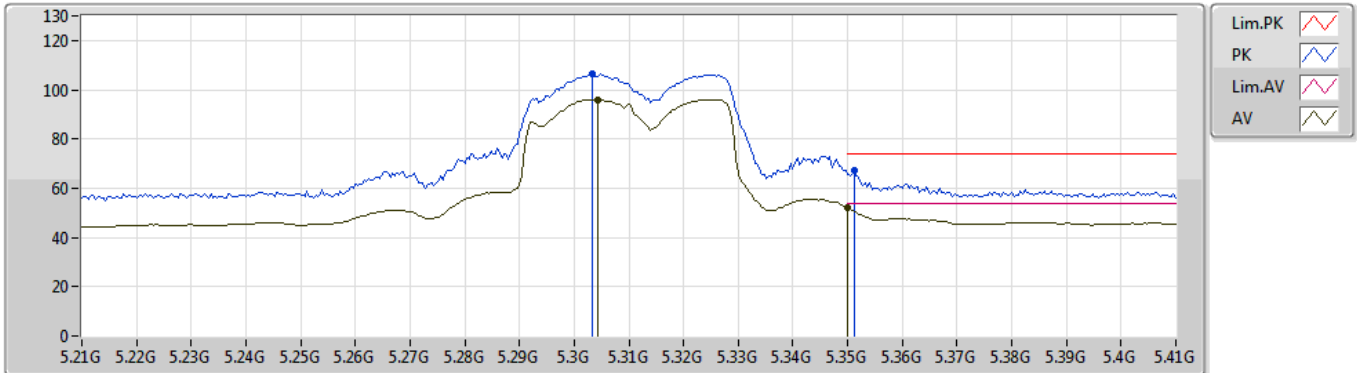
EUT Z_2TX
Setting 21
04-F-A-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|
| PK | 10.54164G | 54.79 | 68.20 | -13.41 | 11.86 | 3 | Horizontal | 54 | 2.40 | - | 42.93 |
| PK | 15.81105G | 56.88 | 74.00 | -17.12 | 12.77 | 3 | Horizontal | 146 | 2.47 | - | 44.11 |
| AV | 15.81042G | 42.81 | 54.00 | -11.19 | 12.77 | 3 | Horizontal | 146 | 2.47 | - | 30.04 |

802.11ac VHT40_Nss1,(MCS0)_2TX

05/12/2019

5310MHz_TX



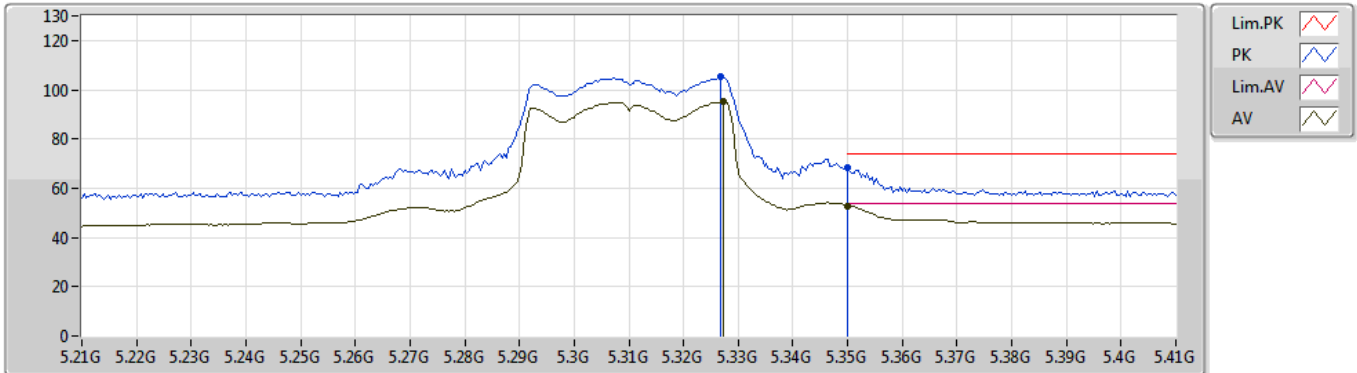
EUT Z_2TX
Setting 15
06-D-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|
| PK | 5.3032G | 106.74 | Inf | -Inf | 5.11 | 3 | Vertical | 309 | 2.22 | - | 101.63 |
| AV | 5.3044G | 95.97 | Inf | -Inf | 5.11 | 3 | Vertical | 309 | 2.22 | - | 90.86 |
| PK | 5.3512G | 66.97 | 74.00 | -7.03 | 5.37 | 3 | Vertical | 309 | 2.22 | - | 61.60 |
| AV | 5.35G | 51.88 | 54.00 | -2.12 | 5.36 | 3 | Vertical | 309 | 2.22 | - | 46.52 |

802.11ac VHT40_Nss1,(MCS0)_2TX

05/12/2019

5310MHz_TX



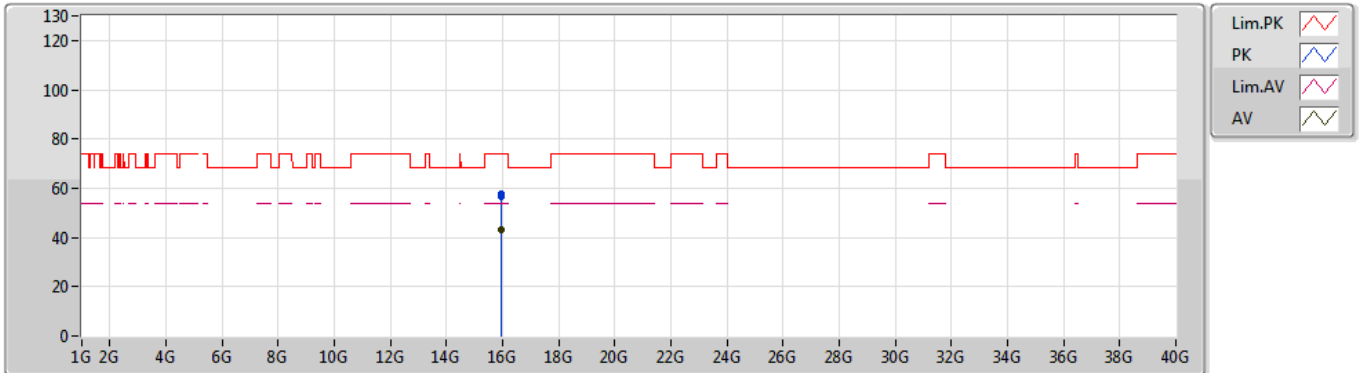
EUT_Z_2TX
Setting 15
06-D-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|
| PK | 5.3268G | 105.08 | Inf | -Inf | 5.24 | 3 | Horizontal | 302 | 2.24 | - | 99.84 |
| AV | 5.3272G | 95.07 | Inf | -Inf | 5.25 | 3 | Horizontal | 302 | 2.24 | - | 89.82 |
| PK | 5.35G | 68.10 | 74.00 | -5.90 | 5.36 | 3 | Horizontal | 302 | 2.24 | - | 62.74 |
| AV | 5.35G | 52.95 | 54.00 | -1.05 | 5.36 | 3 | Horizontal | 302 | 2.24 | - | 47.59 |

802.11ac VHT40_Nss1,(MCS0)_2TX

05/12/2019

5310MHz_TX



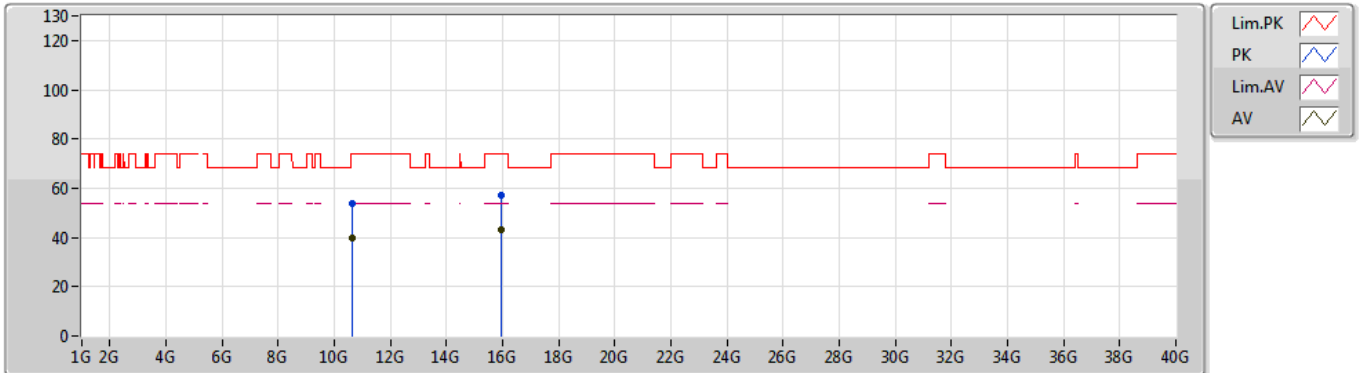
EUT_Z_2TX
Setting 15
04-F-A-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|
| PK | 15.92785G | 56.87 | 74.00 | -17.13 | 12.70 | 3 | Vertical | 293 | 2.94 | - | 44.17 |
| AV | 15.93032G | 43.04 | 54.00 | -10.96 | 12.70 | 3 | Vertical | 293 | 2.94 | - | 30.34 |
| PK | 15.92899G | 57.75 | 74.00 | -16.25 | 12.70 | 3 | Vertical | 129 | 1.86 | - | 45.05 |
| AV | 15.93041G | 42.95 | 54.00 | -11.05 | 12.70 | 3 | Vertical | 129 | 1.86 | - | 30.25 |

802.11ac VHT40_Nss1,(MCS0)_2TX

05/12/2019

5310MHz_TX



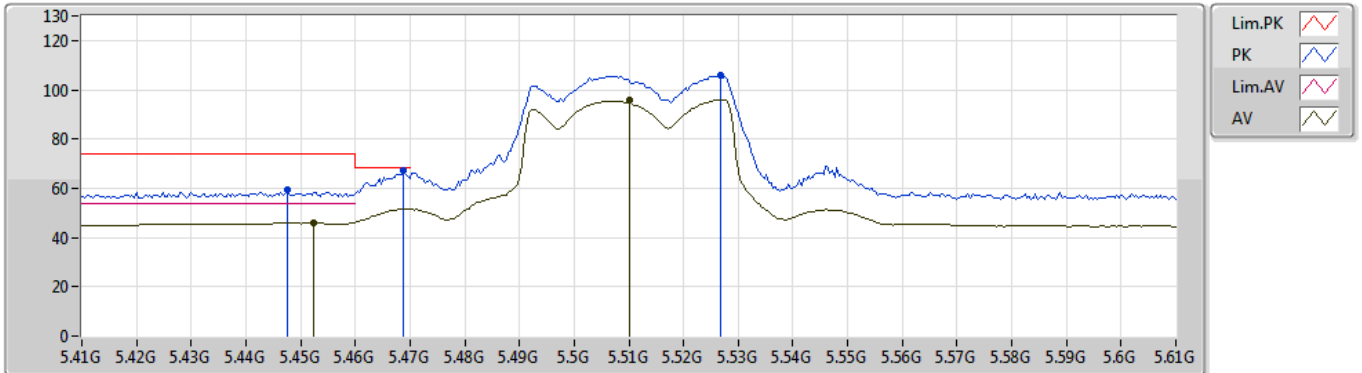
EUT_Z_2TX
Setting 15
04-F-A-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|
| PK | 10.62058G | 54.00 | 74.00 | -20.00 | 11.92 | 3 | Horizontal | 342 | 1.98 | - | 42.08 |
| AV | 10.62033G | 39.82 | 54.00 | -14.18 | 11.92 | 3 | Horizontal | 342 | 1.98 | - | 27.90 |
| PK | 15.92778G | 57.36 | 74.00 | -16.64 | 12.70 | 3 | Horizontal | 193 | 2.25 | - | 44.66 |
| AV | 15.93037G | 43.09 | 54.00 | -10.91 | 12.70 | 3 | Horizontal | 193 | 2.25 | - | 30.39 |

802.11ac VHT40_Nss1,(MCS0)_2TX

06/12/2019

5510MHz_TX



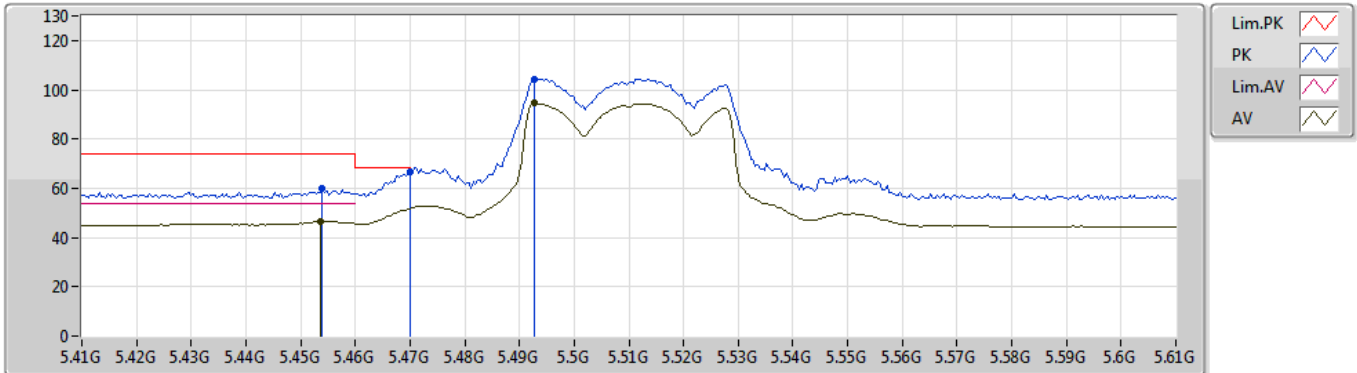
EUT_Z_2TX
Setting 14
06-D-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|
| PK | 5.4476G | 59.14 | 74.00 | -14.86 | 5.72 | 3 | Vertical | 315 | 2.08 | - | 53.42 |
| AV | 5.4524G | 45.98 | 54.00 | -8.02 | 5.71 | 3 | Vertical | 315 | 2.08 | - | 40.27 |
| PK | 5.4688G | 67.20 | 68.20 | -1.00 | 5.75 | 3 | Vertical | 315 | 2.08 | - | 61.45 |
| PK | 5.5268G | 105.74 | Inf | -Inf | 5.73 | 3 | Vertical | 315 | 2.08 | - | 100.01 |
| AV | 5.51G | 96.08 | Inf | -Inf | 5.77 | 3 | Vertical | 315 | 2.08 | - | 90.31 |

802.11ac VHT40_Nss1,(MCS0)_2TX

06/12/2019

5510MHz_TX



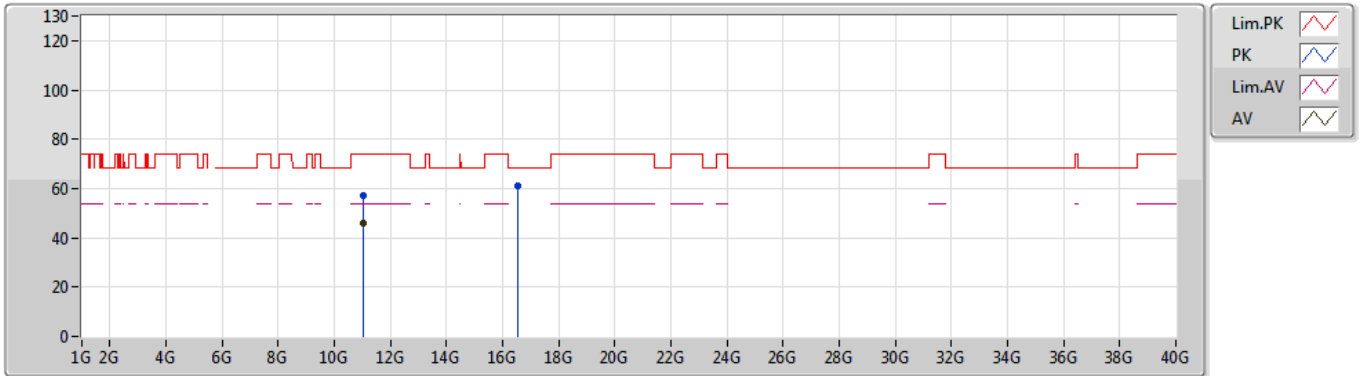
EUT_Z_2TX
Setting 14
06-D-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|
| PK | 5.454G | 60.04 | 74.00 | -13.96 | 5.72 | 3 | Horizontal | 314 | 2.25 | - | 54.32 |
| AV | 5.4536G | 46.48 | 54.00 | -7.52 | 5.72 | 3 | Horizontal | 314 | 2.25 | - | 40.76 |
| PK | 5.47G | 66.48 | 68.20 | -1.72 | 5.75 | 3 | Horizontal | 314 | 2.25 | - | 60.73 |
| PK | 5.4928G | 104.29 | Inf | -Inf | 5.78 | 3 | Horizontal | 314 | 2.25 | - | 98.51 |
| AV | 5.4928G | 94.55 | Inf | -Inf | 5.78 | 3 | Horizontal | 314 | 2.25 | - | 88.77 |

802.11ac VHT40_Nss1,(MCS0)_2TX

06/12/2019

5510MHz_TX



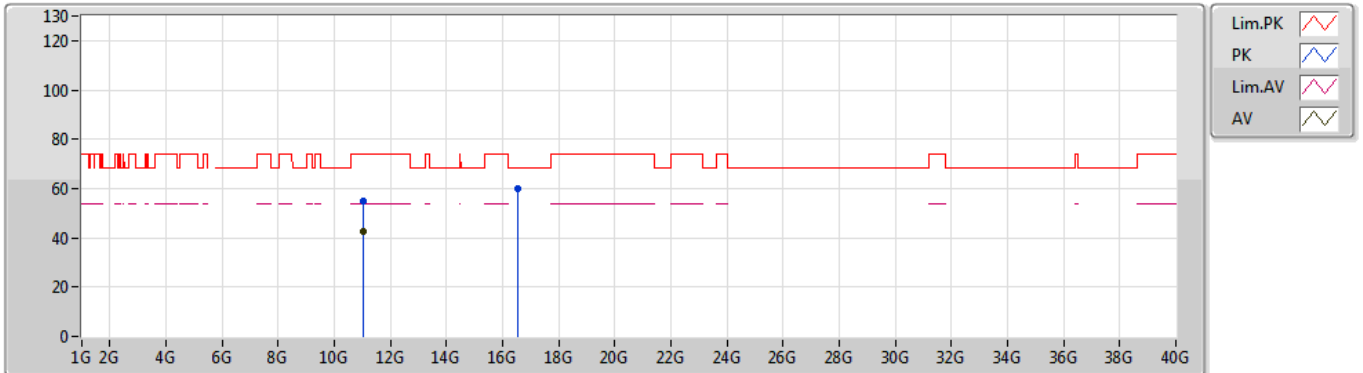
EUT_Z_2TX
Setting 14
04-F-A-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|
| PK | 11.02045G | 56.88 | 74.00 | -17.12 | 12.16 | 3 | Vertical | 317 | 1.82 | - | 44.72 |
| AV | 11.02024G | 45.71 | 54.00 | -8.29 | 12.17 | 3 | Vertical | 317 | 1.82 | - | 33.54 |
| PK | 16.53035G | 60.97 | 68.20 | -7.23 | 13.93 | 3 | Vertical | 241 | 2.44 | - | 47.04 |

802.11ac VHT40_Nss1,(MCS0)_2TX

06/12/2019

5510MHz_TX



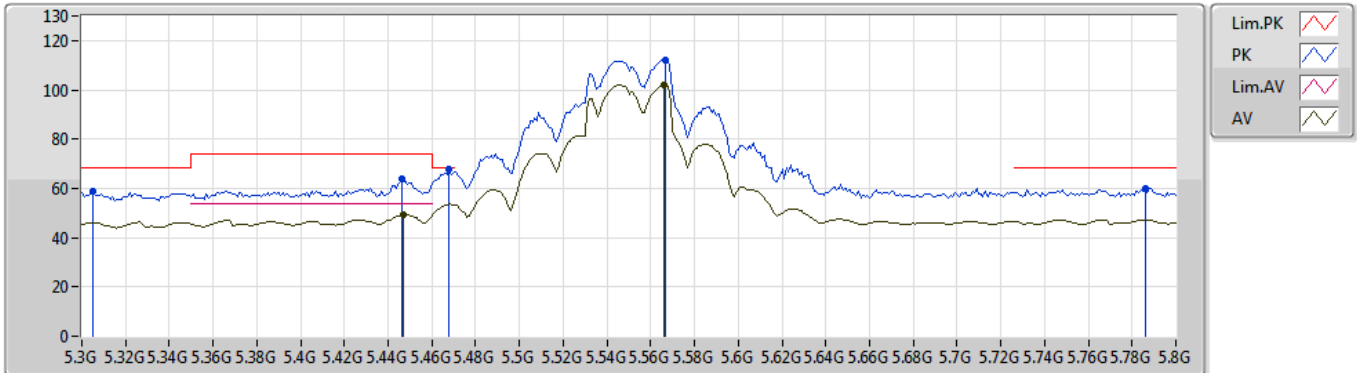
EUT_Z_2TX
Setting 14
04-F-A-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|
| PK | 11.0201G | 54.99 | 74.00 | -19.01 | 12.17 | 3 | Horizontal | 261 | 1.26 | - | 42.82 |
| AV | 11.02014G | 42.33 | 54.00 | -11.67 | 12.17 | 3 | Horizontal | 261 | 1.26 | - | 30.16 |
| PK | 16.53069G | 59.71 | 68.20 | -8.49 | 13.93 | 3 | Horizontal | 293 | 1.22 | - | 45.78 |

802.11ac VHT40_Nss1,(MCS0)_2TX

05/12/2019

5550MHz_TX



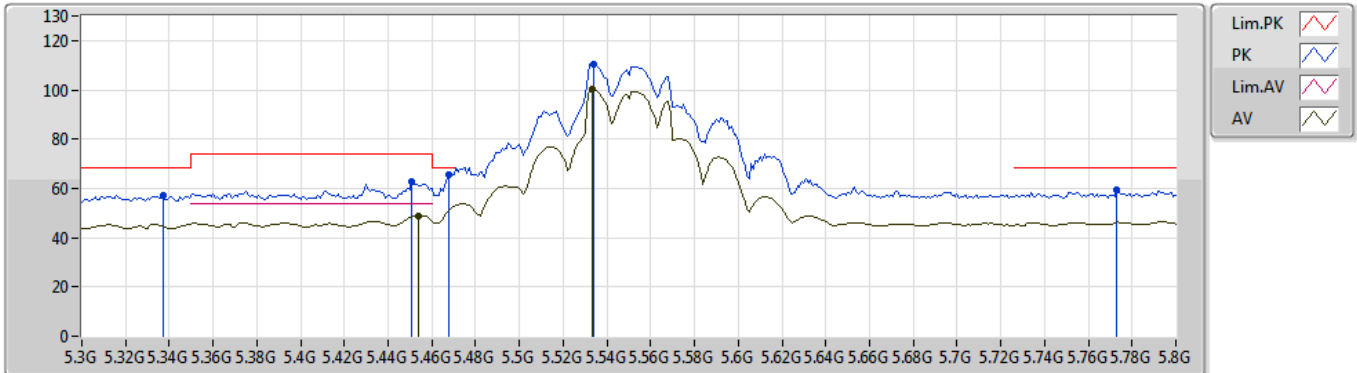
EUT_Z_2TX
Setting 21
04-F-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|
| PK | 5.305G | 58.57 | 68.20 | -9.63 | 4.30 | 3 | Vertical | 311 | 2.09 | - | 54.27 |
| PK | 5.446G | 64.06 | 74.00 | -9.94 | 4.82 | 3 | Vertical | 311 | 2.09 | - | 59.24 |
| AV | 5.447G | 49.33 | 54.00 | -4.67 | 4.82 | 3 | Vertical | 311 | 2.09 | - | 44.51 |
| PK | 5.468G | 67.55 | 68.20 | -0.65 | 4.89 | 3 | Vertical | 311 | 2.09 | - | 62.66 |
| PK | 5.567G | 112.00 | Inf | -Inf | 5.26 | 3 | Vertical | 311 | 2.09 | - | 106.74 |
| AV | 5.566G | 102.06 | Inf | -Inf | 5.26 | 3 | Vertical | 311 | 2.09 | - | 96.80 |
| PK | 5.786G | 59.82 | 68.20 | -8.38 | 5.52 | 3 | Vertical | 311 | 2.09 | - | 54.30 |

802.11ac VHT40_Nss1,(MCS0)_2TX

05/12/2019

5550MHz_TX



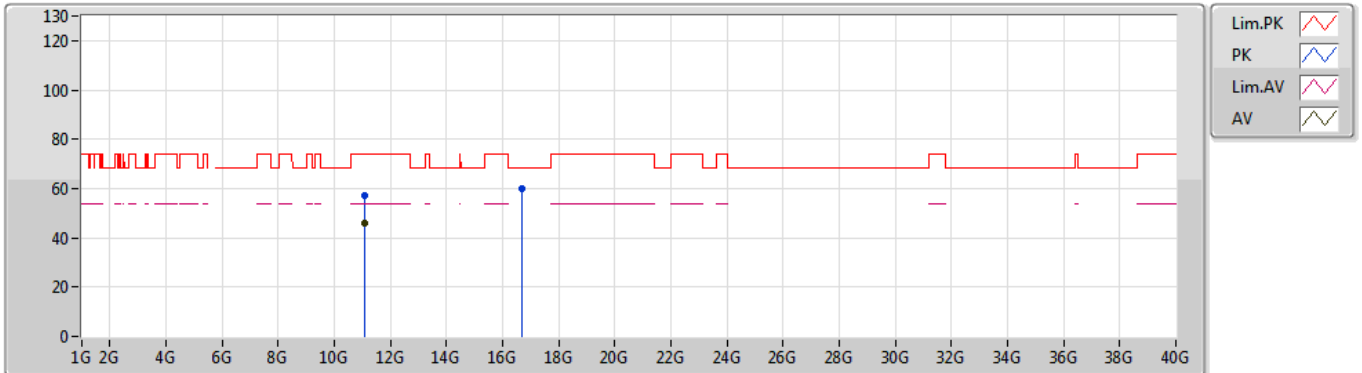
EUT_Z_2TX
Setting 21
04-F-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|
| PK | 5.337G | 57.37 | 68.20 | -10.83 | 4.41 | 3 | Horizontal | 317 | 2.91 | - | 52.96 |
| PK | 5.451G | 62.70 | 74.00 | -11.30 | 4.82 | 3 | Horizontal | 317 | 2.91 | - | 57.88 |
| AV | 5.454G | 48.96 | 54.00 | -5.04 | 4.83 | 3 | Horizontal | 317 | 2.91 | - | 44.13 |
| PK | 5.468G | 65.73 | 68.20 | -2.47 | 4.89 | 3 | Horizontal | 317 | 2.91 | - | 60.84 |
| PK | 5.534G | 110.60 | Inf | -Inf | 5.15 | 3 | Horizontal | 317 | 2.91 | - | 105.45 |
| AV | 5.533G | 100.45 | Inf | -Inf | 5.15 | 3 | Horizontal | 317 | 2.91 | - | 95.30 |
| PK | 5.773G | 59.35 | 68.20 | -8.85 | 5.51 | 3 | Horizontal | 317 | 2.91 | - | 53.84 |

802.11ac VHT40_Nss1,(MCS0)_2TX

05/12/2019

5550MHz_TX



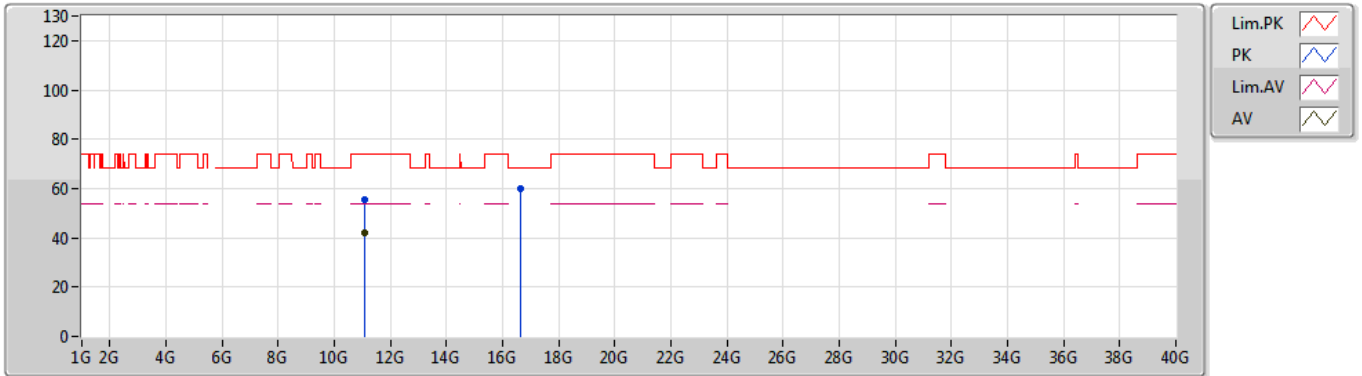
EUT_Z_2TX
Setting 21
04-F-A-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|
| PK | 11.1002G | 57.43 | 74.00 | -16.57 | 12.08 | 3 | Vertical | 20 | 2.03 | - | 45.35 |
| AV | 11.1002G | 46.00 | 54.00 | -8.00 | 12.08 | 3 | Vertical | 20 | 2.03 | - | 33.92 |
| PK | 16.6727G | 59.83 | 68.20 | -8.37 | 14.26 | 3 | Vertical | 317 | 1.79 | - | 45.57 |

802.11ac VHT40_Nss1,(MCS0)_2TX

05/12/2019

5550MHz_TX



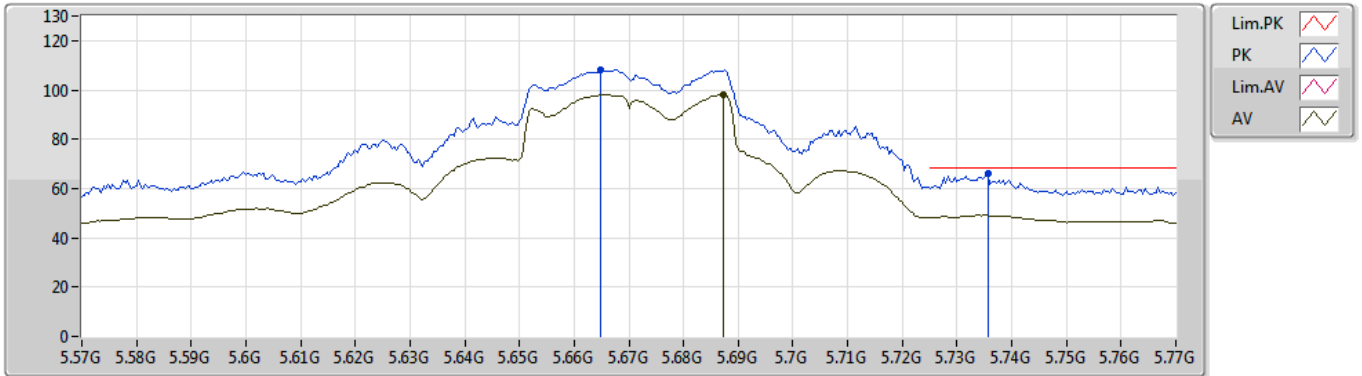
EUT Z_2TX
Setting 21
04-F-A-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|
| PK | 11.093G | 55.64 | 74.00 | -18.36 | 12.08 | 3 | Horizontal | 297 | 1.66 | - | 43.56 |
| AV | 11.0928G | 41.95 | 54.00 | -12.05 | 12.08 | 3 | Horizontal | 297 | 1.66 | - | 29.87 |
| PK | 16.6488G | 60.11 | 68.20 | -8.09 | 14.21 | 3 | Horizontal | 332 | 1.29 | - | 45.90 |

802.11ac VHT40_Nss1,(MCS0)_2TX

05/12/2019

5670MHz_TX



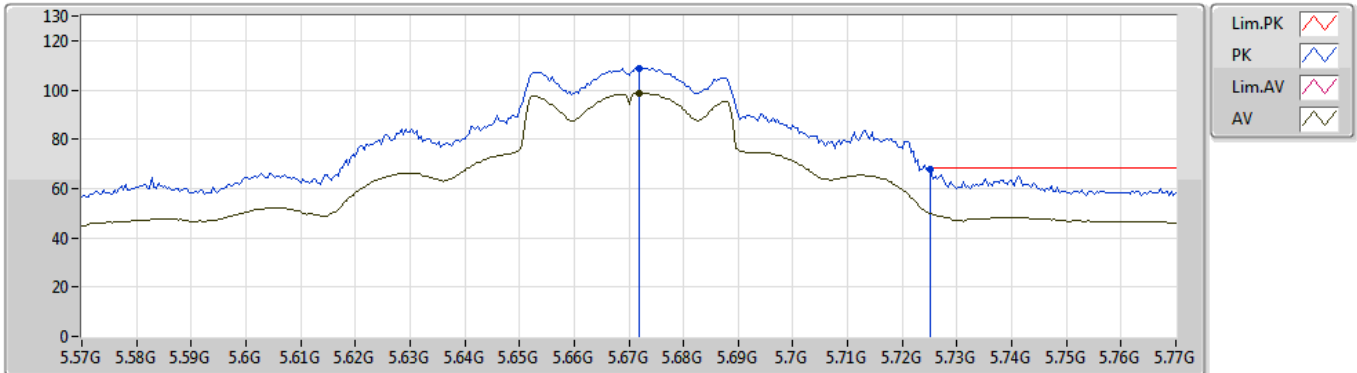
EUT Z_2TX
Setting 19
06-D-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|
| PK | 5.6648G | 108.33 | Inf | -Inf | 5.64 | 3 | Vertical | 319 | 2.14 | - | 102.69 |
| AV | 5.6872G | 98.06 | Inf | -Inf | 5.69 | 3 | Vertical | 319 | 2.14 | - | 92.37 |
| PK | 5.7356G | 66.36 | 68.20 | -1.84 | 5.86 | 3 | Vertical | 319 | 2.14 | - | 60.50 |

802.11ac VHT40_Nss1,(MCS0)_2TX

05/12/2019

5670MHz_TX



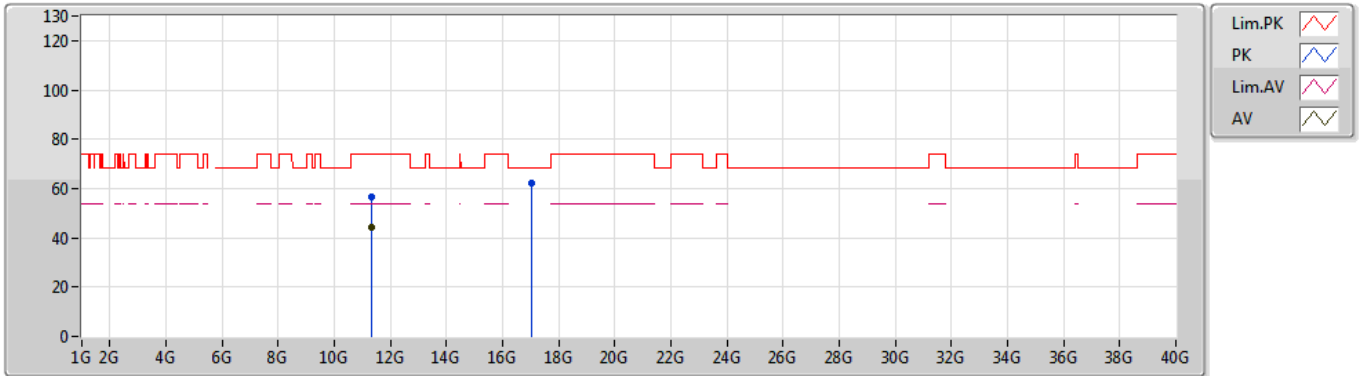
EUT Z_2TX
Setting 19
06-D-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|
| PK | 5.672G | 108.64 | Inf | -Inf | 5.65 | 3 | Horizontal | 314 | 2.16 | - | 102.99 |
| AV | 5.672G | 98.88 | Inf | -Inf | 5.65 | 3 | Horizontal | 314 | 2.16 | - | 93.23 |
| PK | 5.725G | 68.07 | 68.20 | -0.13 | 5.82 | 3 | Horizontal | 314 | 2.16 | - | 62.25 |

802.11ac VHT40_Nss1,(MCS0)_2TX

05/12/2019

5670MHz_TX



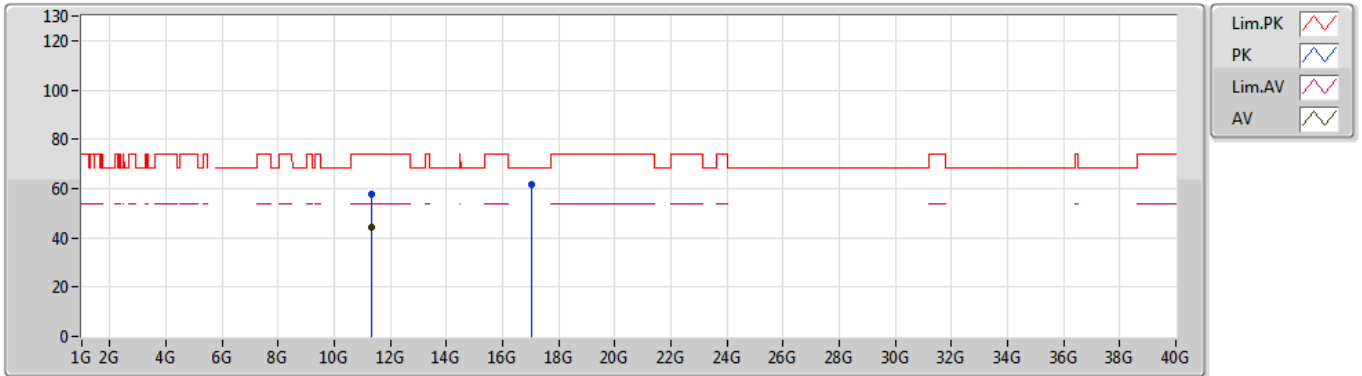
EUT Z_2TX
Setting 19
04-F-A-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|
| PK | 11.34045G | 56.82 | 74.00 | -17.18 | 11.80 | 3 | Vertical | 313 | 1.79 | - | 45.02 |
| AV | 11.34027G | 44.03 | 54.00 | -9.97 | 11.80 | 3 | Vertical | 313 | 1.79 | - | 32.23 |
| PK | 17.01122G | 62.21 | 68.20 | -5.99 | 15.06 | 3 | Vertical | 243 | 1.72 | - | 47.15 |

802.11ac VHT40_Nss1,(MCS0)_2TX

05/12/2019

5670MHz_TX



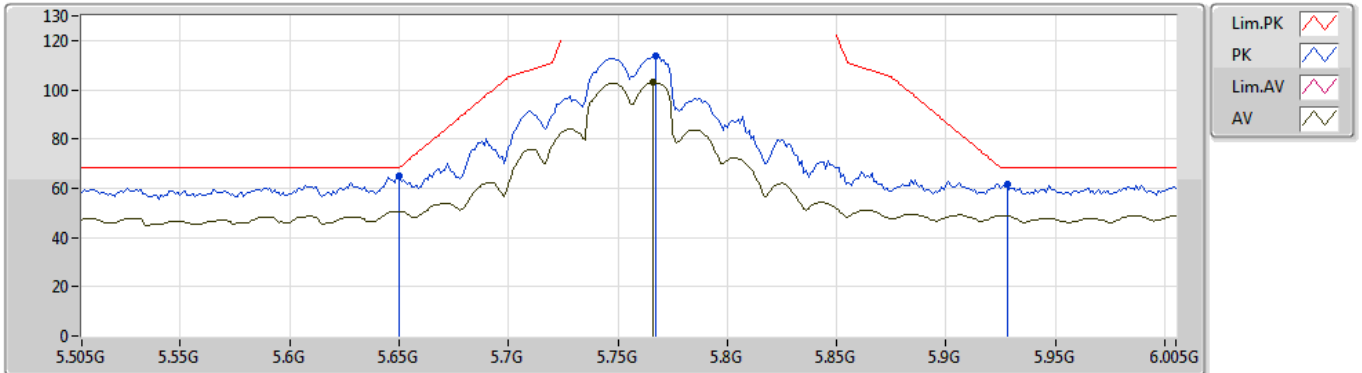
EUT_Z_2TX
Setting 19
04-F-A-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|
| PK | 11.34001G | 57.86 | 74.00 | -16.14 | 11.80 | 3 | Horizontal | 278 | 2.28 | - | 46.06 |
| AV | 11.3403G | 44.02 | 54.00 | -9.98 | 11.80 | 3 | Horizontal | 278 | 2.28 | - | 32.22 |
| PK | 17.00827G | 61.70 | 68.20 | -6.50 | 15.06 | 3 | Horizontal | 254 | 1.62 | - | 46.64 |

802.11ac VHT40_Nss1,(MCS0)_2TX

06/12/2019

5755MHz_TX



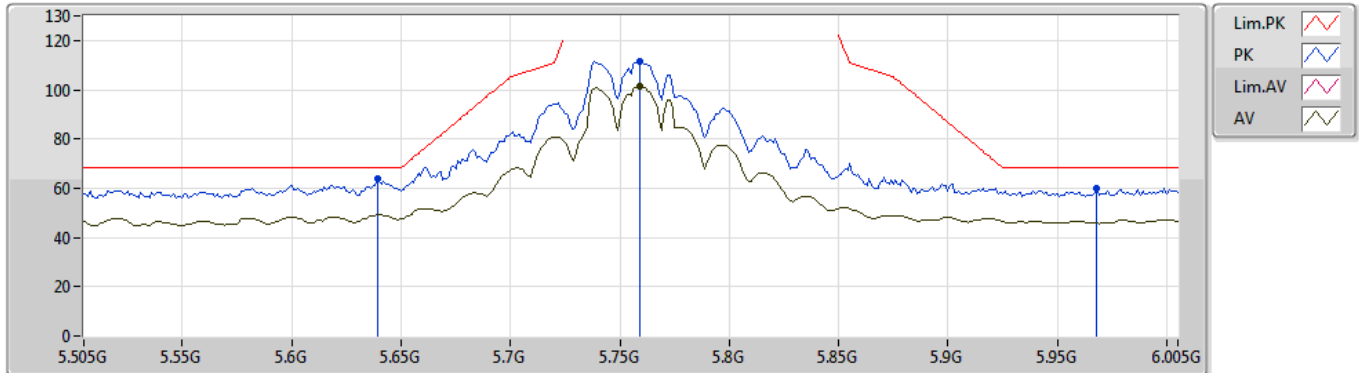
EUT_Z_2TX
Setting 22
06-D-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|
| PK | 5.65G | 64.90 | 68.20 | -3.30 | 5.40 | 3 | Vertical | 230 | 2.06 | - | 59.50 |
| PK | 5.767G | 113.53 | Inf | -Inf | 5.50 | 3 | Vertical | 230 | 2.06 | - | 108.03 |
| AV | 5.766G | 102.91 | Inf | -Inf | 5.50 | 3 | Vertical | 230 | 2.06 | - | 97.41 |
| PK | 5.928G | 61.48 | 68.20 | -6.72 | 6.28 | 3 | Vertical | 230 | 2.06 | - | 55.20 |

802.11ac VHT40_Nss1,(MCS0)_2TX

06/12/2019

5755MHz_TX



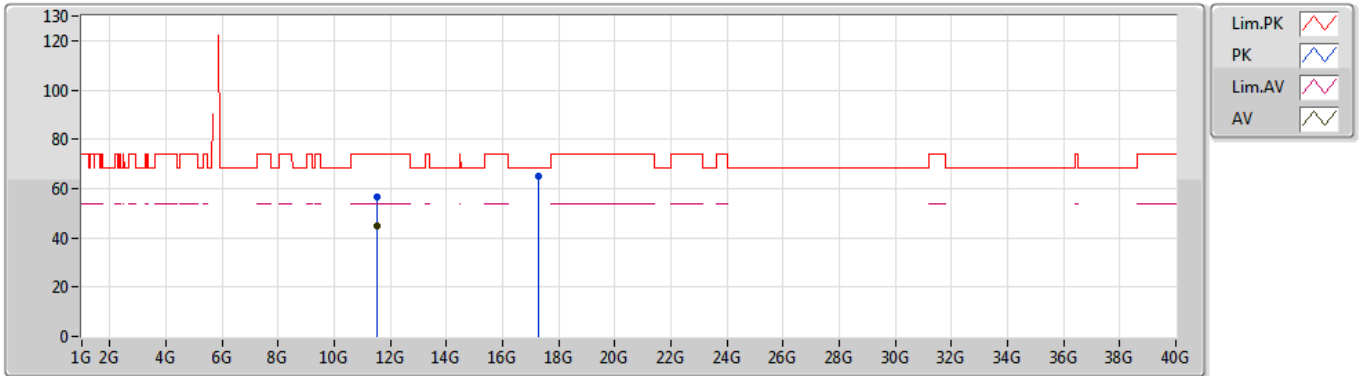
EUT_Z_2TX
Setting 22
06-D-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|
| PK | 5.639G | 63.83 | 68.20 | -4.37 | 5.40 | 3 | Horizontal | 322 | 2.21 | - | 58.43 |
| PK | 5.759G | 111.70 | Inf | -Inf | 5.49 | 3 | Horizontal | 322 | 2.21 | - | 106.21 |
| AV | 5.759G | 101.19 | Inf | -Inf | 5.49 | 3 | Horizontal | 322 | 2.21 | - | 95.70 |
| PK | 5.968G | 59.76 | 68.20 | -8.44 | 6.45 | 3 | Horizontal | 322 | 2.21 | - | 53.31 |

802.11ac VHT40_Nss1,(MCS0)_2TX

06/12/2019

5755MHz_TX



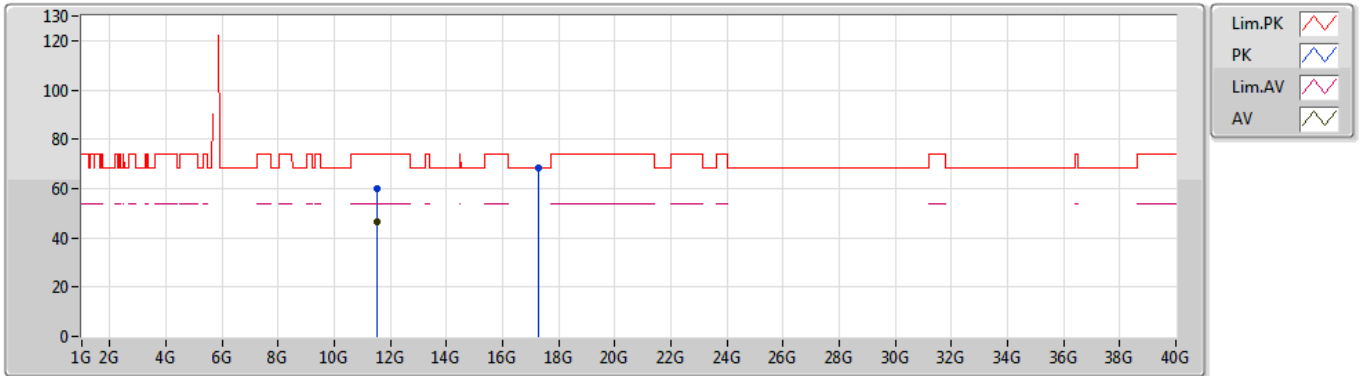
EUT_Z_2TX
Setting 22
04-F-A-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|
| PK | 11.5101G | 56.69 | 74.00 | -17.31 | 11.60 | 3 | Vertical | 24 | 1.92 | - | 45.09 |
| AV | 11.5101G | 44.67 | 54.00 | -9.33 | 11.60 | 3 | Vertical | 24 | 1.92 | - | 33.07 |
| PK | 17.2577G | 64.90 | 68.20 | -3.30 | 15.43 | 3 | Vertical | 165 | 1.61 | - | 49.47 |

802.11ac VHT40_Nss1,(MCS0)_2TX

06/12/2019

5755MHz_TX



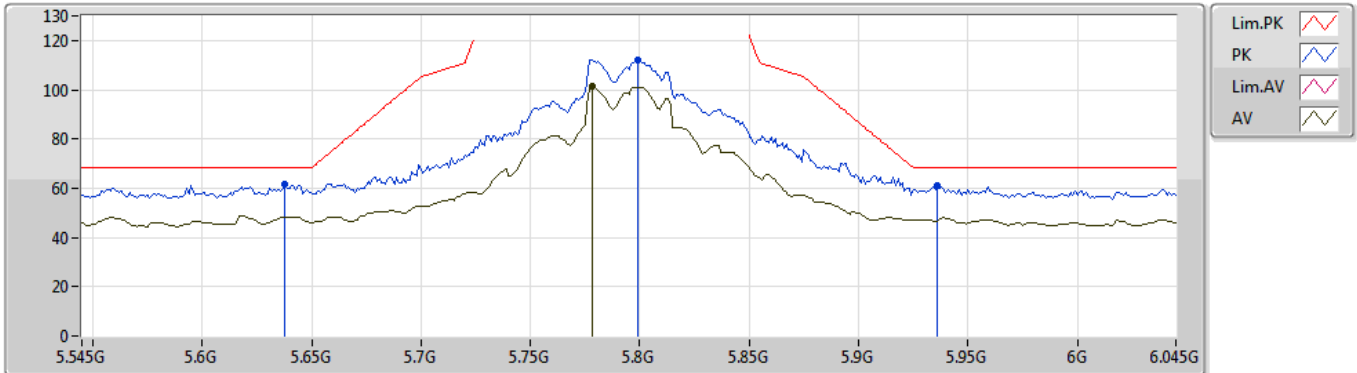
EUT_Z_2TX
Setting 22
04-F-A-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|
| PK | 11.5035G | 59.79 | 74.00 | -14.21 | 13.99 | 3 | Horizontal | 271 | 2.26 | - | 45.80 |
| AV | 11.5043G | 46.30 | 54.00 | -7.70 | 13.99 | 3 | Horizontal | 271 | 2.26 | - | 32.31 |
| PK | 17.2752G | 68.12 | 68.20 | -0.08 | 19.16 | 3 | Horizontal | 250 | 1.61 | - | 48.96 |

802.11ac VHT40_Nss1,(MCS0)_2TX

06/12/2019

5795MHz_TX



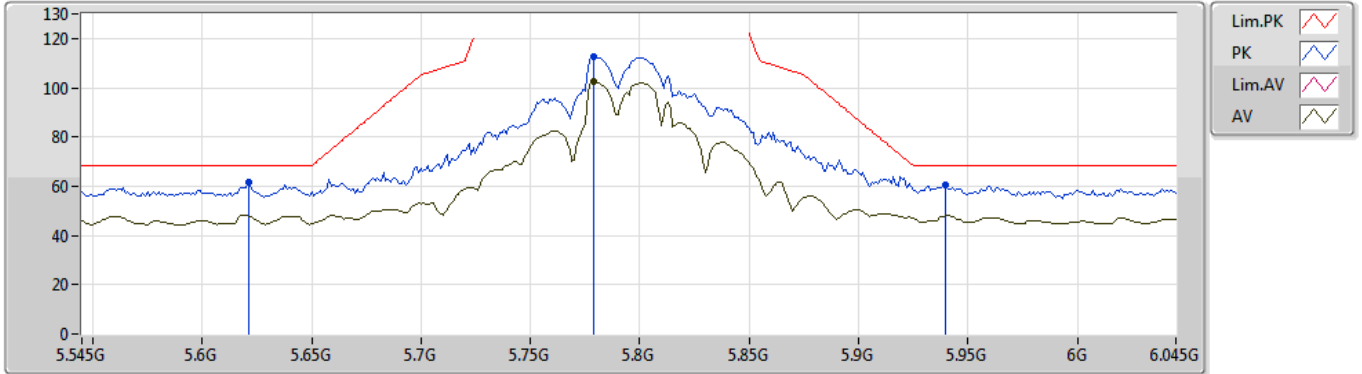
EUT_Z_2TX
Setting 25
06-D-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|
| PK | 5.638G | 61.54 | 68.20 | -6.66 | 5.60 | 3 | Vertical | 339 | 2.03 | - | 55.94 |
| PK | 5.799G | 112.33 | Inf | -Inf | 6.16 | 3 | Vertical | 339 | 2.03 | - | 106.17 |
| AV | 5.778G | 101.30 | Inf | -Inf | 6.06 | 3 | Vertical | 339 | 2.03 | - | 95.24 |
| PK | 5.936G | 61.00 | 68.20 | -7.20 | 6.34 | 3 | Vertical | 339 | 2.03 | - | 54.66 |

802.11ac VHT40_Nss1,(MCS0)_2TX

06/12/2019

5795MHz_TX



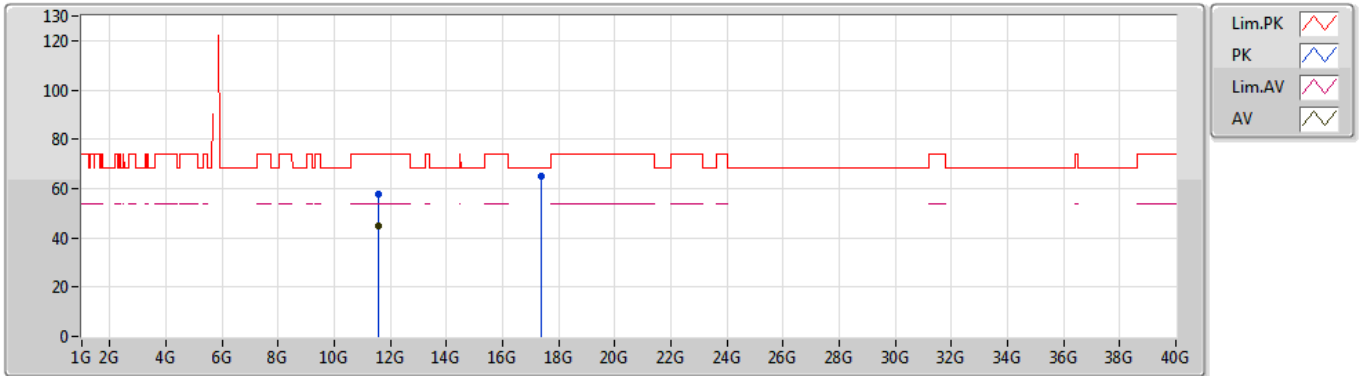
EUT_Z_2TX
Setting 25
06-D-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|
| PK | 5.621G | 61.49 | 68.20 | -6.71 | 5.58 | 3 | Horizontal | 325 | 2.10 | - | 55.91 |
| PK | 5.779G | 112.71 | Inf | -Inf | 6.07 | 3 | Horizontal | 325 | 2.10 | - | 106.64 |
| AV | 5.779G | 102.37 | Inf | -Inf | 6.07 | 3 | Horizontal | 325 | 2.10 | - | 96.30 |
| PK | 5.94G | 60.58 | 68.20 | -7.62 | 6.33 | 3 | Horizontal | 325 | 2.10 | - | 54.25 |

802.11ac VHT40_Nss1,(MCS0)_2TX

06/12/2019

5795MHz_TX



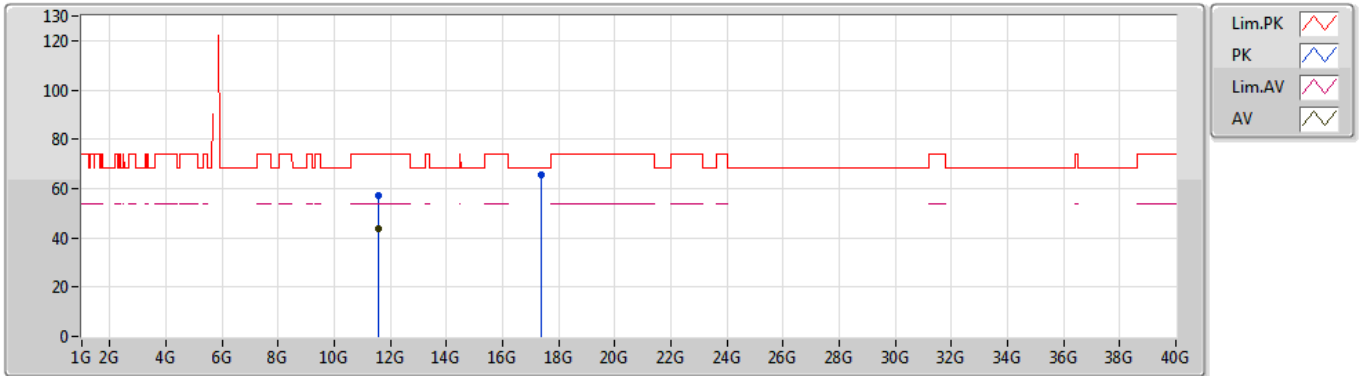
EUT_Z_2TX
Setting 25
04-F-A-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|
| PK | 11.5947G | 57.59 | 74.00 | -16.41 | 11.51 | 3 | Vertical | 190 | 2.57 | - | 46.08 |
| AV | 11.5901G | 44.92 | 54.00 | -9.08 | 11.51 | 3 | Vertical | 190 | 2.57 | - | 33.41 |
| PK | 17.3749G | 65.21 | 68.20 | -2.99 | 15.62 | 3 | Vertical | 161 | 1.50 | - | 49.59 |

802.11ac VHT40_Nss1,(MCS0)_2TX

06/12/2019

5795MHz_TX



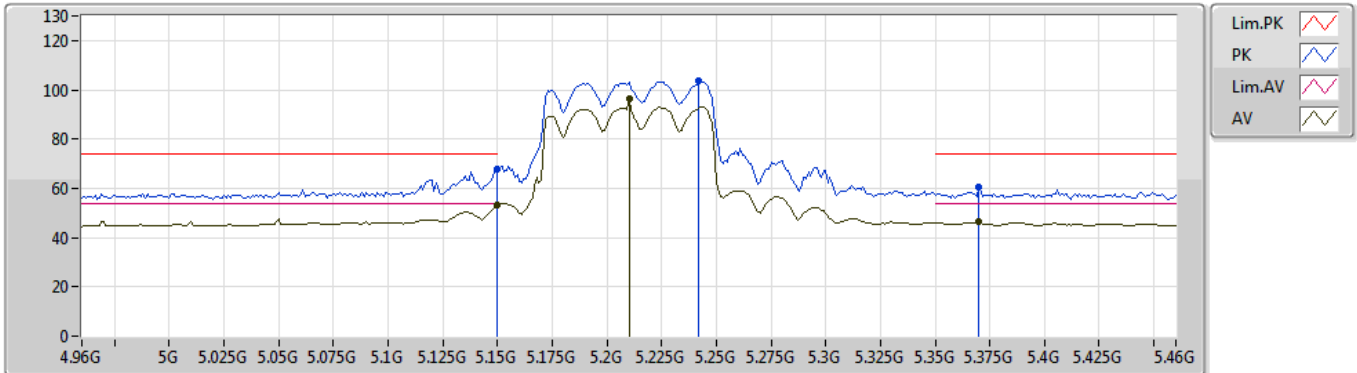
EUT Z_2TX
Setting 25
04-F-A-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|
| PK | 11.5869G | 57.30 | 74.00 | -16.70 | 11.53 | 3 | Horizontal | 273 | 1.87 | - | 45.77 |
| AV | 11.5864G | 43.90 | 54.00 | -10.10 | 11.53 | 3 | Horizontal | 273 | 1.87 | - | 32.37 |
| PK | 17.3751G | 65.59 | 68.20 | -2.61 | 15.62 | 3 | Horizontal | 251 | 1.62 | - | 49.97 |

802.11ac VHT80_Nss1,(MCS0)_2TX

06/12/2019

5210MHz_TX



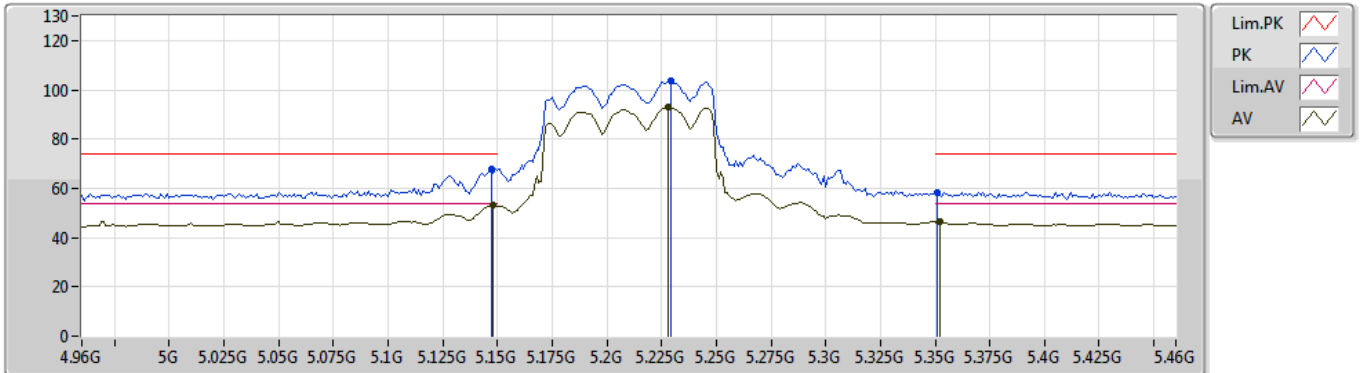
EUT_Z_2TX
Setting 15
06-D-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|
| PK | 5.15G | 67.67 | 74.00 | -6.33 | 5.72 | 3 | Vertical | 321 | 2.04 | - | 61.95 |
| AV | 5.15G | 52.98 | 54.00 | -1.02 | 5.72 | 3 | Vertical | 321 | 2.04 | - | 47.26 |
| PK | 5.242G | 103.68 | Inf | -Inf | 5.29 | 3 | Vertical | 321 | 2.04 | - | 98.39 |
| AV | 5.21G | 96.37 | Inf | -Inf | 5.41 | 3 | Vertical | 321 | 2.04 | - | 90.96 |
| PK | 5.37G | 60.24 | 74.00 | -13.76 | 5.47 | 3 | Vertical | 321 | 2.04 | - | 54.77 |
| AV | 5.37G | 46.23 | 54.00 | -7.77 | 5.47 | 3 | Vertical | 321 | 2.04 | - | 40.76 |

802.11ac VHT80_Nss1,(MCS0)_2TX

06/12/2019

5210MHz_TX



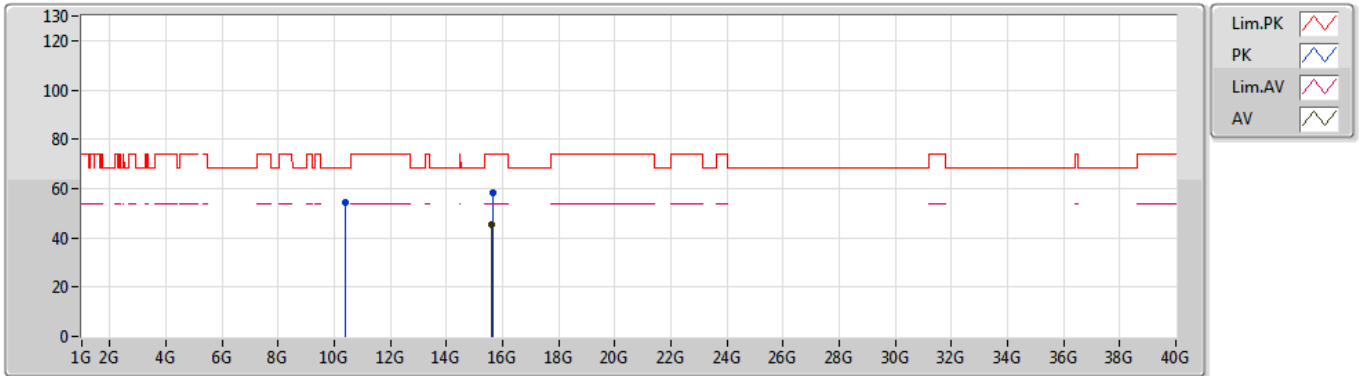
EUT_Z_2TX
Setting 15
06-D-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|
| PK | 5.147G | 68.01 | 74.00 | -5.99 | 5.74 | 3 | Horizontal | 305 | 2.30 | - | 62.27 |
| AV | 5.148G | 53.06 | 54.00 | -0.94 | 5.73 | 3 | Horizontal | 305 | 2.30 | - | 47.33 |
| PK | 5.229G | 103.39 | Inf | -Inf | 5.34 | 3 | Horizontal | 305 | 2.30 | - | 98.05 |
| AV | 5.228G | 93.01 | Inf | -Inf | 5.35 | 3 | Horizontal | 305 | 2.30 | - | 87.66 |
| PK | 5.351G | 58.45 | 74.00 | -15.55 | 5.37 | 3 | Horizontal | 305 | 2.30 | - | 53.08 |
| AV | 5.352G | 46.24 | 54.00 | -7.76 | 5.37 | 3 | Horizontal | 305 | 2.30 | - | 40.87 |

802.11ac VHT80_Nss1,(MCS0)_2TX

06/12/2019

5210MHz_TX



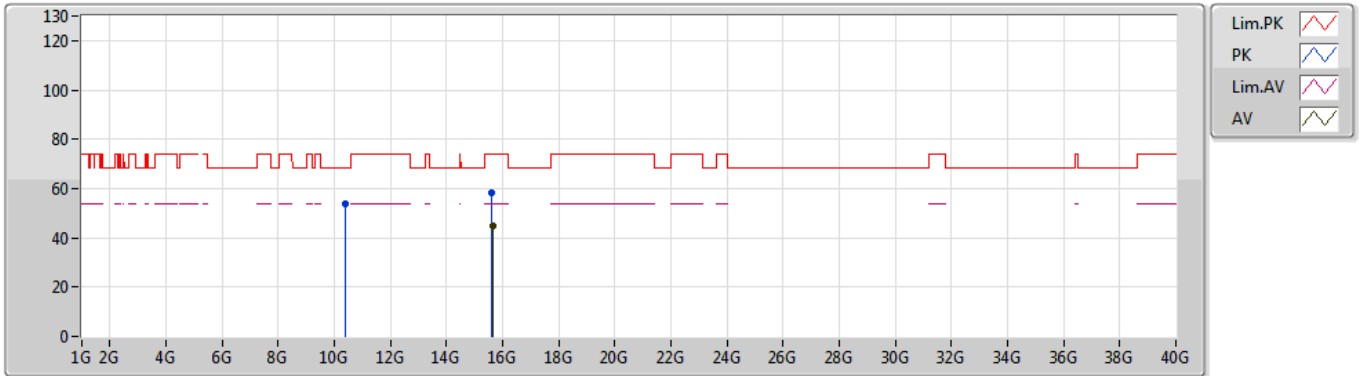
EUT Z_2TX
Setting 15
04-F-A-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|
| PK | 10.4002G | 54.16 | 68.20 | -14.04 | 11.76 | 3 | Vertical | 261 | 1.84 | - | 42.40 |
| PK | 15.6469G | 58.36 | 74.00 | -15.64 | 12.86 | 3 | Vertical | 210 | 1.73 | - | 45.50 |
| AV | 15.6299G | 45.64 | 54.00 | -8.36 | 12.87 | 3 | Vertical | 210 | 1.73 | - | 32.77 |

802.11ac VHT80_Nss1,(MCS0)_2TX

06/12/2019

5210MHz_TX



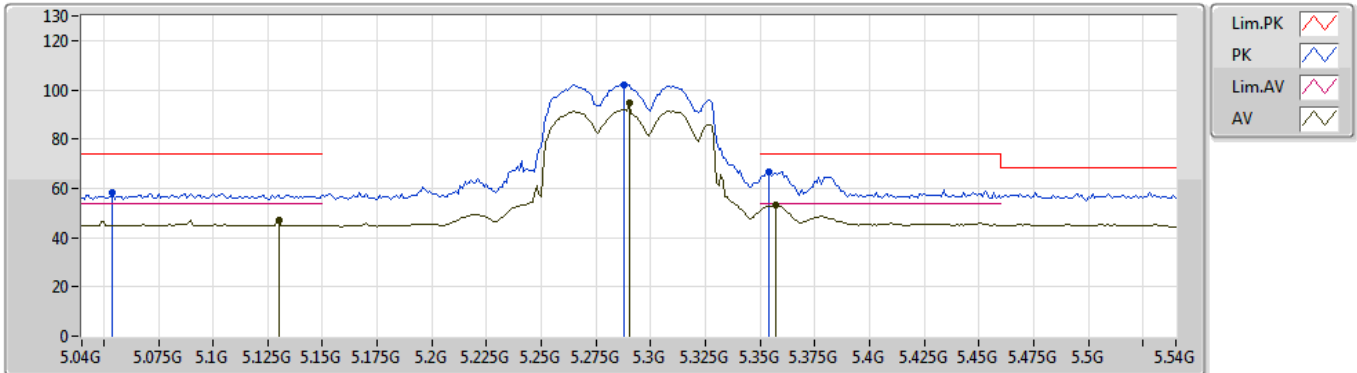
EUT_Z_2TX
Setting 15
04-F-A-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|
| PK | 10.4025G | 53.66 | 68.20 | -14.54 | 11.76 | 3 | Horizontal | 37 | 1.85 | - | 41.90 |
| PK | 15.608G | 58.55 | 74.00 | -15.45 | 12.88 | 3 | Horizontal | 27 | 2.39 | - | 45.67 |
| AV | 15.6498G | 44.60 | 54.00 | -9.40 | 12.86 | 3 | Horizontal | 27 | 2.39 | - | 31.74 |

802.11ac VHT80_Nss1,(MCS0)_2TX

06/12/2019

5290MHz_TX



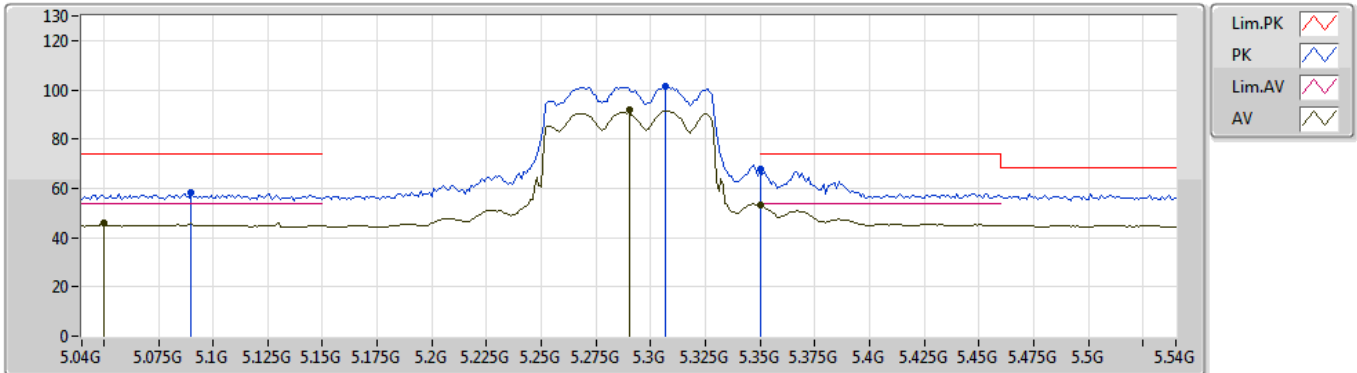
EUT_Z_2TX
Setting 14
06-D-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|
| PK | 5.054G | 58.19 | 74.00 | -15.81 | 5.78 | 3 | Vertical | 325 | 2.22 | - | 52.41 |
| AV | 5.13G | 47.22 | 54.00 | -6.78 | 5.83 | 3 | Vertical | 325 | 2.22 | - | 41.39 |
| PK | 5.288G | 102.01 | Inf | -Inf | 5.14 | 3 | Vertical | 325 | 2.22 | - | 96.87 |
| AV | 5.29G | 94.53 | Inf | -Inf | 5.12 | 3 | Vertical | 325 | 2.22 | - | 89.41 |
| PK | 5.354G | 66.58 | 74.00 | -7.42 | 5.38 | 3 | Vertical | 325 | 2.22 | - | 61.20 |
| AV | 5.357G | 53.00 | 54.00 | -1.00 | 5.41 | 3 | Vertical | 325 | 2.22 | - | 47.59 |

802.11ac VHT80_Nss1,(MCS0)_2TX

06/12/2019

5290MHz_TX



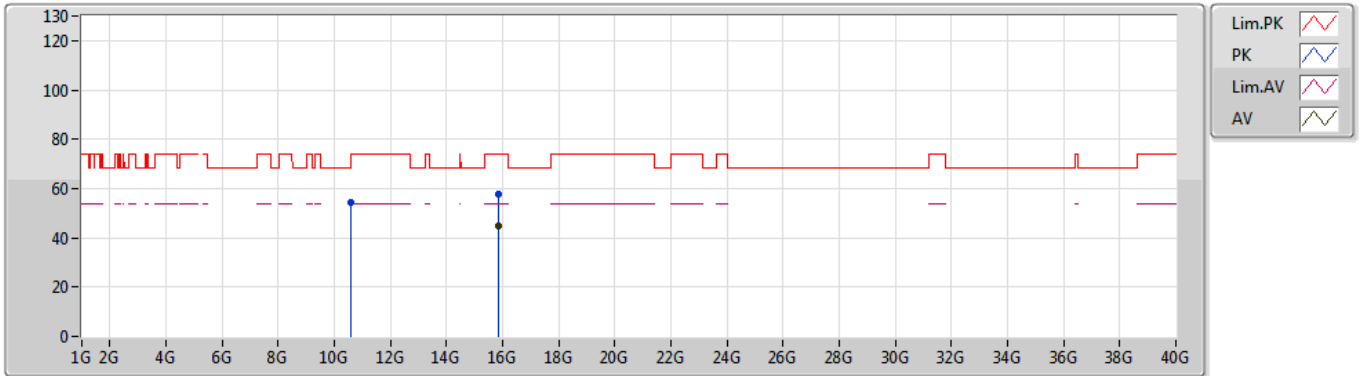
EUT_Z_2TX
Setting 14
06-D-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|
| PK | 5.09G | 58.23 | 74.00 | -15.77 | 5.94 | 3 | Horizontal | 302 | 2.27 | - | 52.29 |
| AV | 5.05G | 45.95 | 54.00 | -8.05 | 5.76 | 3 | Horizontal | 302 | 2.27 | - | 40.19 |
| PK | 5.307G | 101.49 | Inf | -Inf | 5.14 | 3 | Horizontal | 302 | 2.27 | - | 96.35 |
| AV | 5.29G | 91.90 | Inf | -Inf | 5.12 | 3 | Horizontal | 302 | 2.27 | - | 86.78 |
| PK | 5.35G | 67.89 | 74.00 | -6.11 | 5.36 | 3 | Horizontal | 302 | 2.27 | - | 62.53 |
| AV | 5.35G | 53.31 | 54.00 | -0.69 | 5.36 | 3 | Horizontal | 302 | 2.27 | - | 47.95 |

802.11ac VHT80_Nss1,(MCS0)_2TX

06/12/2019

5290MHz_TX



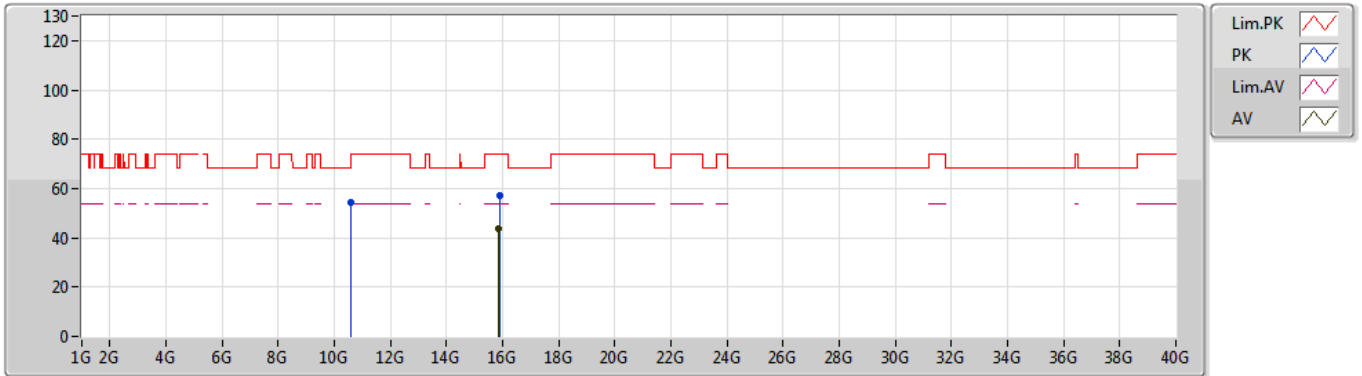
EUT Z_2TX
Setting 14
04-F-A-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|
| PK | 10.5925G | 54.23 | 68.20 | -13.97 | 11.90 | 3 | Vertical | 335 | 1.84 | - | 42.33 |
| PK | 15.8698G | 57.56 | 74.00 | -16.44 | 12.73 | 3 | Vertical | 306 | 2.32 | - | 44.83 |
| AV | 15.87G | 44.60 | 54.00 | -9.40 | 12.73 | 3 | Vertical | 306 | 2.32 | - | 31.87 |

802.11ac VHT80_Nss1,(MCS0)_2TX

06/12/2019

5290MHz_TX



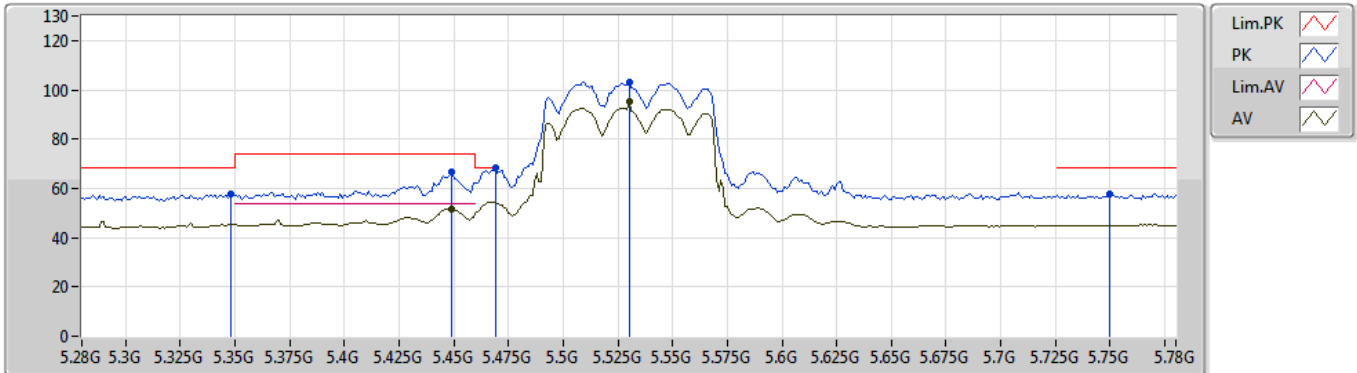
EUT Z_2TX
Setting 14
04-F-A-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|
| PK | 10.5927G | 54.25 | 68.20 | -13.95 | 11.90 | 3 | Horizontal | 172 | 1.80 | - | 42.35 |
| PK | 15.8806G | 57.33 | 74.00 | -16.67 | 12.72 | 3 | Horizontal | 239 | 2.98 | - | 44.61 |
| AV | 15.8701G | 43.67 | 54.00 | -10.33 | 12.73 | 3 | Horizontal | 239 | 2.98 | - | 30.94 |

802.11ac VHT80_Nss1,(MCS0)_2TX

06/12/2019

5530MHz_TX



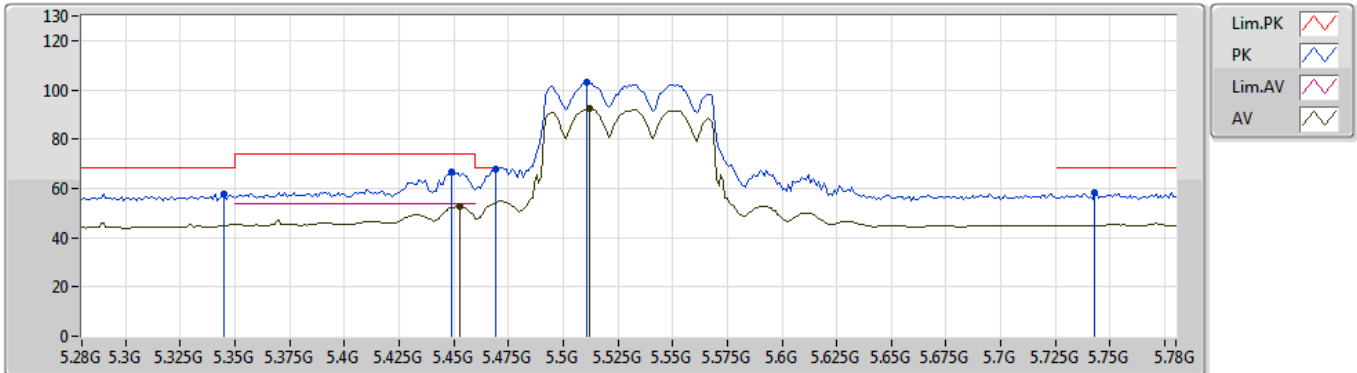
EUT_Z_2TX
Setting 14
06-D-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|
| PK | 5.348G | 57.58 | 68.20 | -10.62 | 5.36 | 3 | Vertical | 318 | 2.28 | - | 52.22 |
| PK | 5.449G | 66.78 | 74.00 | -7.22 | 5.72 | 3 | Vertical | 318 | 2.28 | - | 61.06 |
| AV | 5.449G | 51.54 | 54.00 | -2.46 | 5.72 | 3 | Vertical | 318 | 2.28 | - | 45.82 |
| PK | 5.469G | 68.10 | 68.20 | -0.10 | 5.75 | 3 | Vertical | 318 | 2.28 | - | 62.35 |
| PK | 5.53G | 103.33 | Inf | -Inf | 5.72 | 3 | Vertical | 318 | 2.28 | - | 97.61 |
| AV | 5.53G | 95.45 | Inf | -Inf | 5.72 | 3 | Vertical | 318 | 2.28 | - | 89.73 |
| PK | 5.75G | 57.72 | 68.20 | -10.48 | 5.94 | 3 | Vertical | 318 | 2.28 | - | 51.78 |

802.11ac VHT80_Nss1,(MCS0)_2TX

06/12/2019

5530MHz_TX



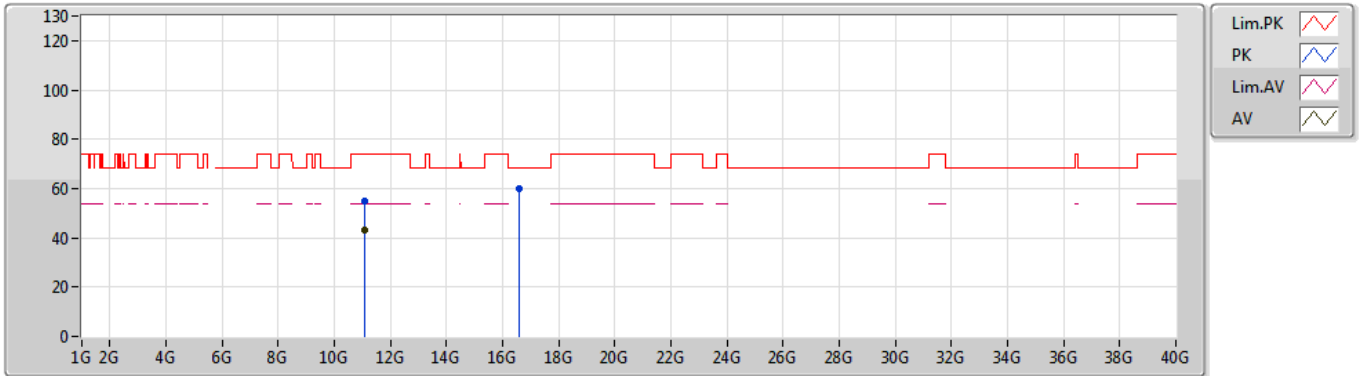
EUT_Z_2TX
Setting 14
06-D-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|
| PK | 5.345G | 57.87 | 68.20 | -10.33 | 5.35 | 3 | Horizontal | 312 | 2.21 | - | 52.52 |
| PK | 5.449G | 66.77 | 74.00 | -7.23 | 5.72 | 3 | Horizontal | 312 | 2.21 | - | 61.05 |
| AV | 5.453G | 52.60 | 54.00 | -1.40 | 5.72 | 3 | Horizontal | 312 | 2.21 | - | 46.88 |
| PK | 5.469G | 67.92 | 68.20 | -0.28 | 5.75 | 3 | Horizontal | 312 | 2.21 | - | 62.17 |
| PK | 5.511G | 103.07 | Inf | -Inf | 5.77 | 3 | Horizontal | 312 | 2.21 | - | 97.30 |
| AV | 5.512G | 92.23 | Inf | -Inf | 5.77 | 3 | Horizontal | 312 | 2.21 | - | 86.46 |
| PK | 5.743G | 58.16 | 68.20 | -10.04 | 5.90 | 3 | Horizontal | 312 | 2.21 | - | 52.26 |

802.11ac VHT80_Nss1,(MCS0)_2TX

06/12/2019

5530MHz_TX



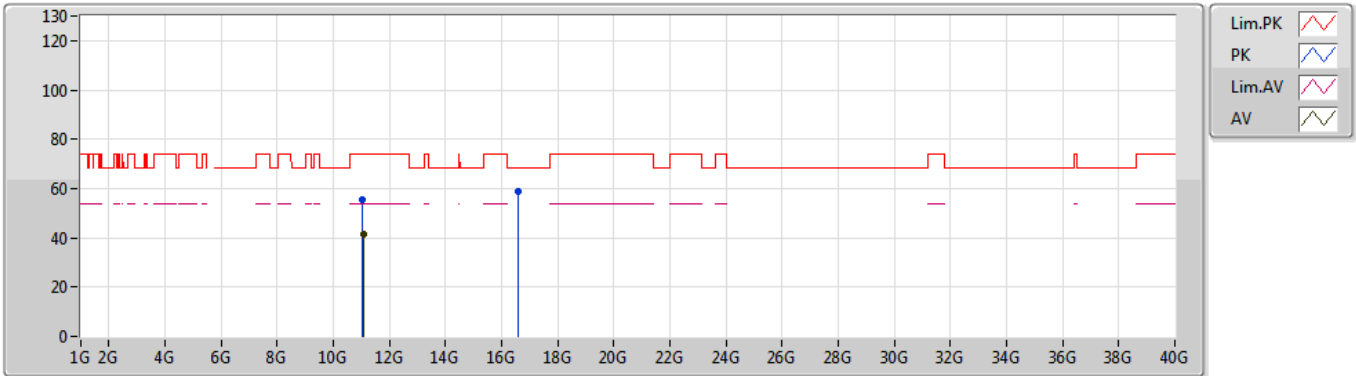
EUT_Z_2TX
Setting 14
04-F-A-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|
| PK | 11.06G | 54.78 | 74.00 | -19.22 | 12.13 | 3 | Vertical | 75 | 2.53 | - | 42.65 |
| AV | 11.06G | 43.32 | 54.00 | -10.68 | 12.13 | 3 | Vertical | 75 | 2.53 | - | 31.19 |
| PK | 16.5745G | 59.81 | 68.20 | -8.39 | 14.02 | 3 | Vertical | 305 | 1.67 | - | 45.79 |

802.11ac VHT80_Nss1,(MCS0)_2TX

06/12/2019

5530MHz_TX



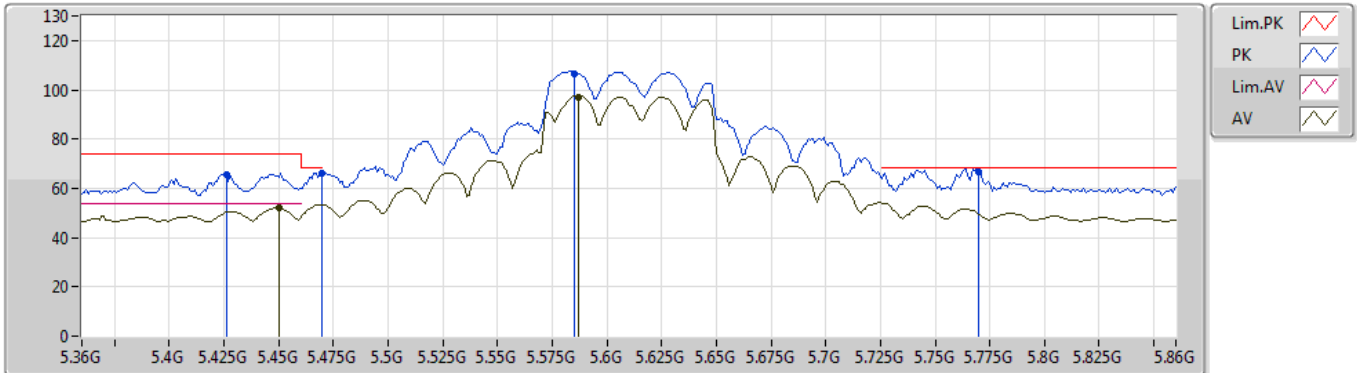
EUT Z_2TX
Setting 14
04-F-A-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|
| PK | 11.0444G | 55.29 | 74.00 | -18.71 | 12.14 | 3 | Horizontal | 190 | 1.03 | - | 43.15 |
| AV | 11.0599G | 41.43 | 54.00 | -12.57 | 12.13 | 3 | Horizontal | 190 | 1.03 | - | 29.30 |
| PK | 16.588G | 58.67 | 68.20 | -9.53 | 14.06 | 3 | Horizontal | 316 | 1.37 | - | 44.61 |

802.11ac VHT80_Nss1,(MCS0)_2TX

10/12/2019

5610MHz_TX



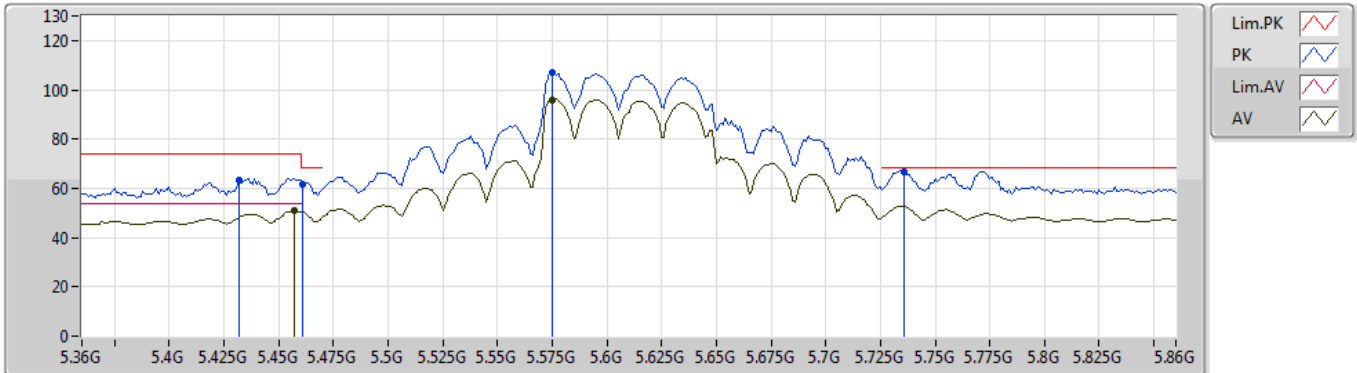
EUT_Z_2TX
Setting 20
04-F-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|
| PK | 5.426G | 65.53 | 74.00 | -8.47 | 4.74 | 3 | Vertical | 312 | 2.10 | - | 60.79 |
| AV | 5.45G | 52.37 | 54.00 | -1.63 | 5.70 | 3 | Vertical | 312 | 2.10 | - | 46.67 |
| PK | 5.47G | 65.95 | 68.20 | -2.25 | 4.90 | 3 | Vertical | 312 | 2.10 | - | 61.05 |
| PK | 5.585G | 106.62 | Inf | -Inf | 5.33 | 3 | Vertical | 312 | 2.10 | - | 101.29 |
| AV | 5.587G | 96.91 | Inf | -Inf | 5.33 | 3 | Vertical | 312 | 2.10 | - | 91.58 |
| PK | 5.77G | 66.79 | 68.20 | -1.41 | 5.51 | 3 | Vertical | 312 | 2.10 | - | 61.28 |

802.11ac VHT80_Nss1,(MCS0)_2TX

10/12/2019

5610MHz_TX



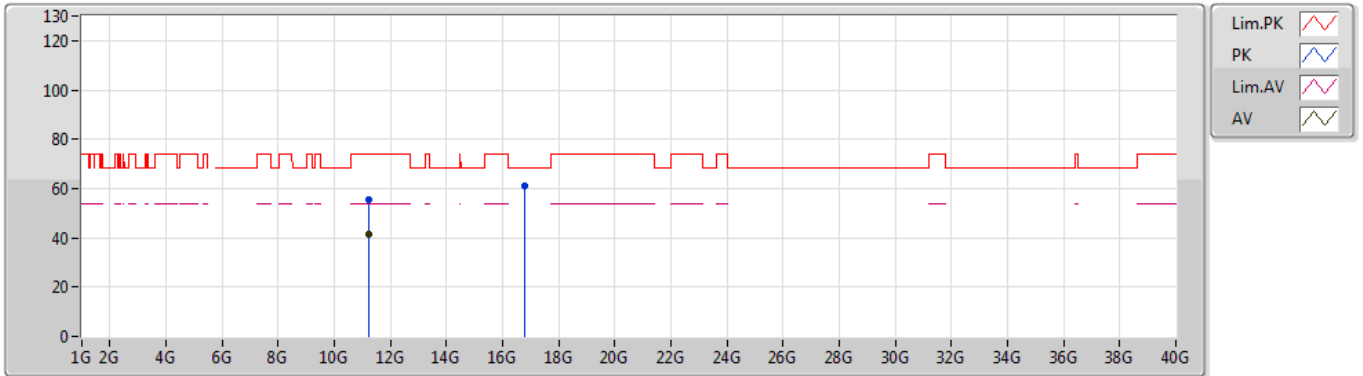
EUT_Z_2TX
Setting 20
04-F-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|
| PK | 5.432G | 63.43 | 74.00 | -10.57 | 4.76 | 3 | Horizontal | 324 | 2.85 | - | 58.67 |
| AV | 5.457G | 50.76 | 54.00 | -3.24 | 5.72 | 3 | Horizontal | 324 | 2.85 | - | 45.04 |
| PK | 5.461G | 61.72 | 68.20 | -6.48 | 4.86 | 3 | Horizontal | 324 | 2.85 | - | 56.86 |
| PK | 5.575G | 107.02 | Inf | -Inf | 5.30 | 3 | Horizontal | 324 | 2.85 | - | 101.72 |
| AV | 5.575G | 95.69 | Inf | -Inf | 5.30 | 3 | Horizontal | 324 | 2.85 | - | 90.39 |
| PK | 5.736G | 66.56 | 68.20 | -1.64 | 5.46 | 3 | Horizontal | 324 | 2.85 | - | 61.10 |

802.11ac VHT80_Nss1,(MCS0)_2TX

10/12/2019

5610MHz_TX



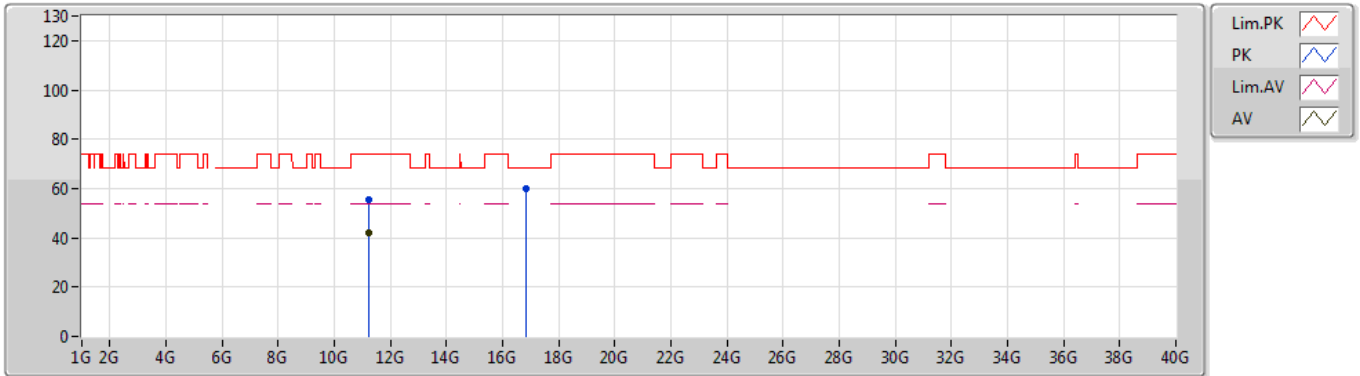
EUT_Z_2TX
Setting 20
04-F-A-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|
| PK | 11.2361G | 55.44 | 74.00 | -18.56 | 11.92 | 3 | Vertical | 157 | 2.60 | - | 43.52 |
| AV | 11.22G | 41.71 | 54.00 | -12.29 | 11.94 | 3 | Vertical | 157 | 2.60 | - | 29.77 |
| PK | 16.8103G | 61.33 | 68.20 | -6.87 | 14.59 | 3 | Vertical | 282 | 2.83 | - | 46.74 |

802.11ac VHT80_Nss1,(MCS0)_2TX

10/12/2019

5610MHz_TX



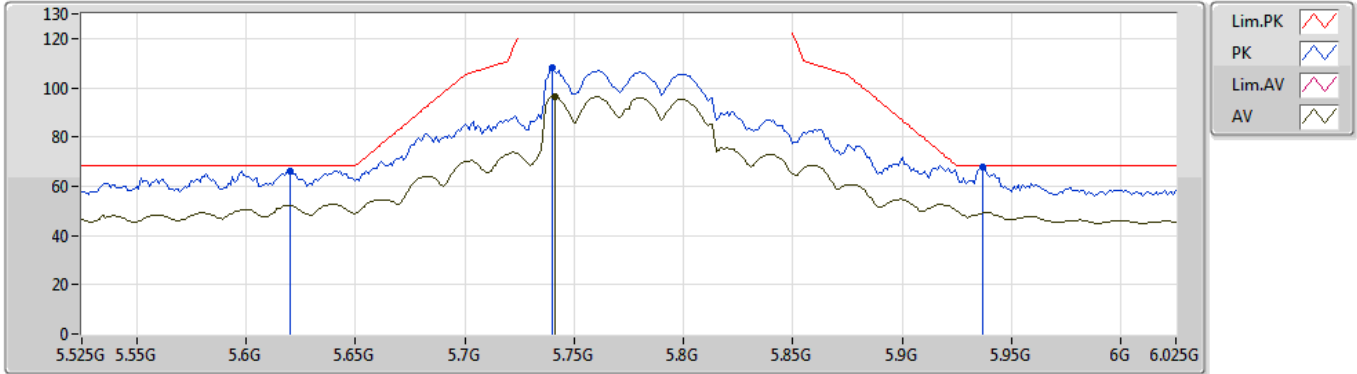
EUT_Z_2TX
Setting 20
04-F-A-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|
| PK | 11.2208G | 55.70 | 74.00 | -18.30 | 11.94 | 3 | Horizontal | 157 | 1.37 | - | 43.76 |
| AV | 11.2202G | 42.27 | 54.00 | -11.73 | 11.94 | 3 | Horizontal | 157 | 1.37 | - | 30.33 |
| PK | 16.8285G | 59.84 | 68.20 | -8.36 | 14.64 | 3 | Horizontal | 160 | 1.22 | - | 45.20 |

802.11ac VHT80_Nss1,(MCS0)_2TX

06/12/2019

5775MHz_TX



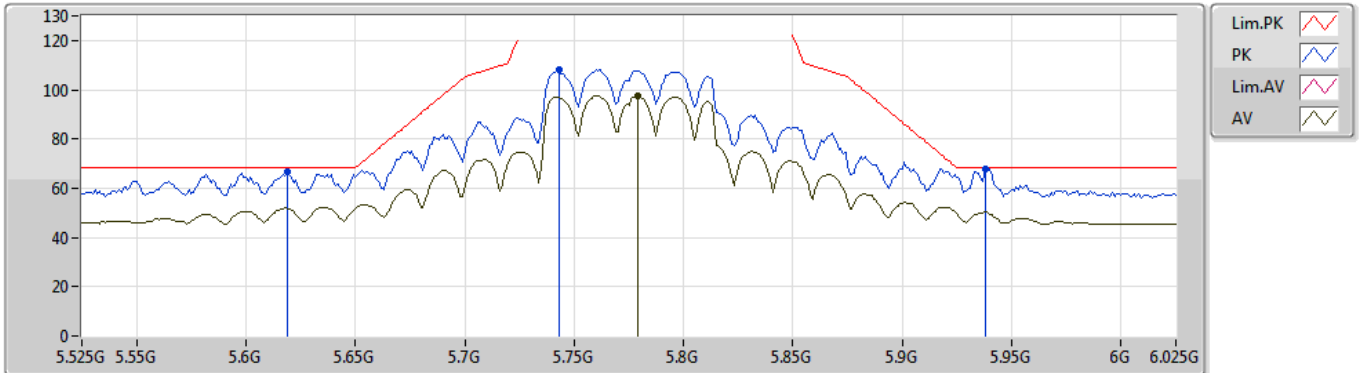
EUT_Z_2TX
Setting 21
06-D-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|
| PK | 5.62G | 66.30 | 68.20 | -1.90 | 5.58 | 3 | Vertical | 344 | 2.09 | - | 60.72 |
| PK | 5.74G | 108.07 | Inf | -Inf | 5.88 | 3 | Vertical | 344 | 2.09 | - | 102.19 |
| AV | 5.741G | 96.48 | Inf | -Inf | 5.89 | 3 | Vertical | 344 | 2.09 | - | 90.59 |
| PK | 5.937G | 67.81 | 68.20 | -0.39 | 6.34 | 3 | Vertical | 344 | 2.09 | - | 61.47 |

802.11ac VHT80_Nss1,(MCS0)_2TX

06/12/2019

5775MHz_TX



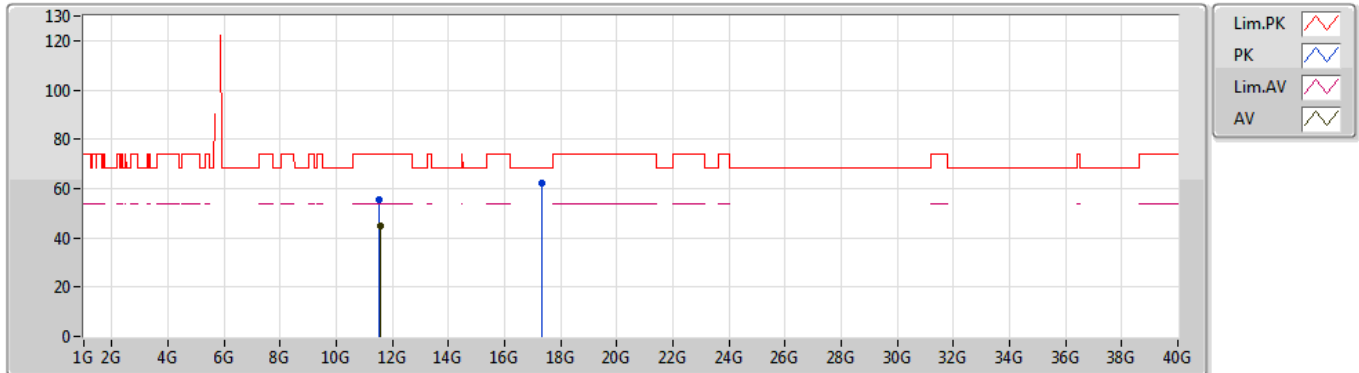
EUT_Z_2TX
Setting 21
06-D-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|
| PK | 5.619G | 66.60 | 68.20 | -1.60 | 5.58 | 3 | Horizontal | 322 | 2.20 | - | 61.02 |
| PK | 5.743G | 108.31 | Inf | -Inf | 5.90 | 3 | Horizontal | 322 | 2.20 | - | 102.41 |
| AV | 5.779G | 97.44 | Inf | -Inf | 6.07 | 3 | Horizontal | 322 | 2.20 | - | 91.37 |
| PK | 5.938G | 67.90 | 68.20 | -0.30 | 6.33 | 3 | Horizontal | 322 | 2.20 | - | 61.57 |

802.11ac VHT80_Nss1,(MCS0)_2TX

06/12/2019

5775MHz_TX



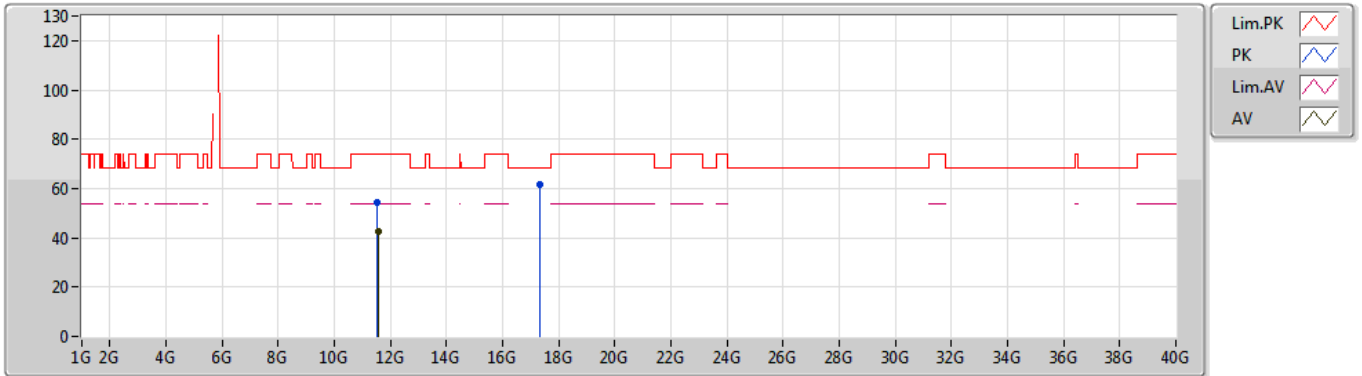
EUT Z_2TX
Setting 21
04-F-A-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|
| PK | 11.5271G | 55.70 | 74.00 | -18.30 | 11.59 | 3 | Vertical | 21 | 1.81 | - | 44.11 |
| AV | 11.55G | 45.08 | 54.00 | -8.92 | 11.55 | 3 | Vertical | 21 | 1.81 | - | 33.53 |
| PK | 17.3207G | 62.06 | 68.20 | -6.14 | 15.54 | 3 | Vertical | 162 | 1.44 | - | 46.52 |

802.11ac VHT80_Nss1,(MCS0)_2TX

06/12/2019

5775MHz_TX



EUT Z_2TX
Setting 21
04-F-A-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|
| PK | 11.5409G | 54.13 | 74.00 | -19.87 | 11.57 | 3 | Horizontal | 250 | 2.30 | - | 42.56 |
| AV | 11.5499G | 42.48 | 54.00 | -11.52 | 11.56 | 3 | Horizontal | 250 | 2.30 | - | 30.92 |
| PK | 17.3379G | 61.80 | 68.20 | -6.40 | 15.56 | 3 | Horizontal | 51 | 2.43 | - | 46.24 |



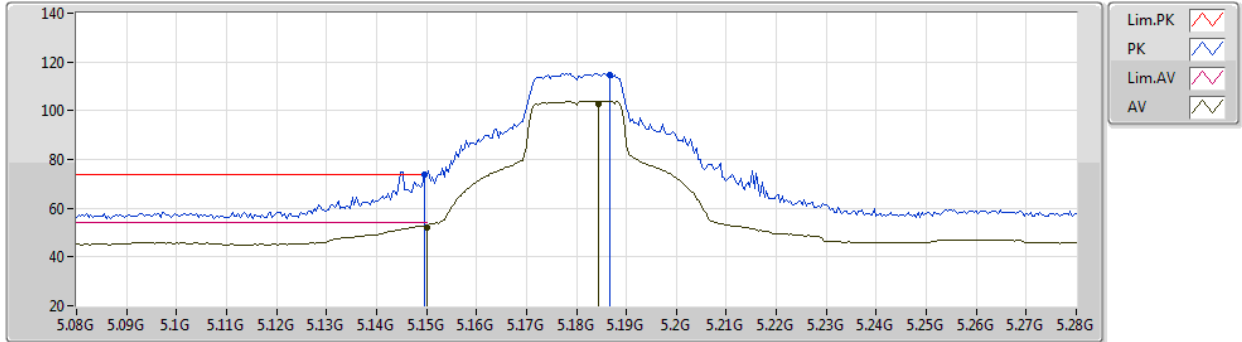
Summary

| Mode | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comments |
|-----------------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|----------|
| 5.725-5.85GHz | - | - | - | - | - | - | - | - | - | - | - |
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | Pass | PK | 17.2324G | 68.15 | 68.20 | -0.05 | 3 | Horizontal | 226 | 1.76 | - |

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

15/01/2020

5180MHz_TX



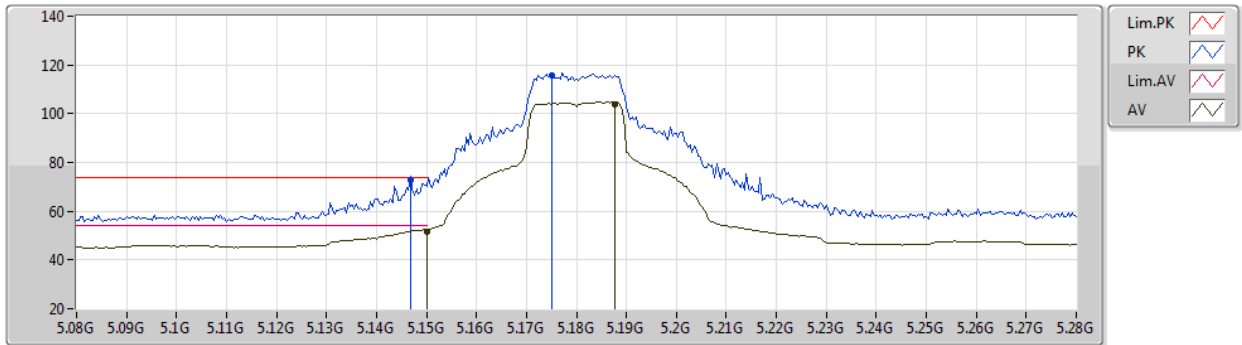
EUT Z_2TX
Setting 21
04-F-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Raw (dBuV) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|------------|----------|-----------|-------------|------------|---------|---------|---------|---------|
| PK | 5.1496G | 73.92 | 74.00 | -0.08 | 69.78 | 3 | Vertical | 259 | 2.14 | - | 33.05 | 4.65 | 33.56 |
| AV | 5.15G | 51.95 | 54.00 | -2.05 | 47.81 | 3 | Vertical | 259 | 2.14 | - | 33.05 | 4.65 | 33.56 |
| PK | 5.1868G | 114.76 | Inf | -Inf | 110.62 | 3 | Vertical | 259 | 2.14 | - | 33.09 | 4.61 | 33.56 |
| AV | 5.1844G | 102.90 | Inf | -Inf | 98.77 | 3 | Vertical | 259 | 2.14 | - | 33.08 | 4.61 | 33.56 |

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

15/01/2020

5180MHz_TX



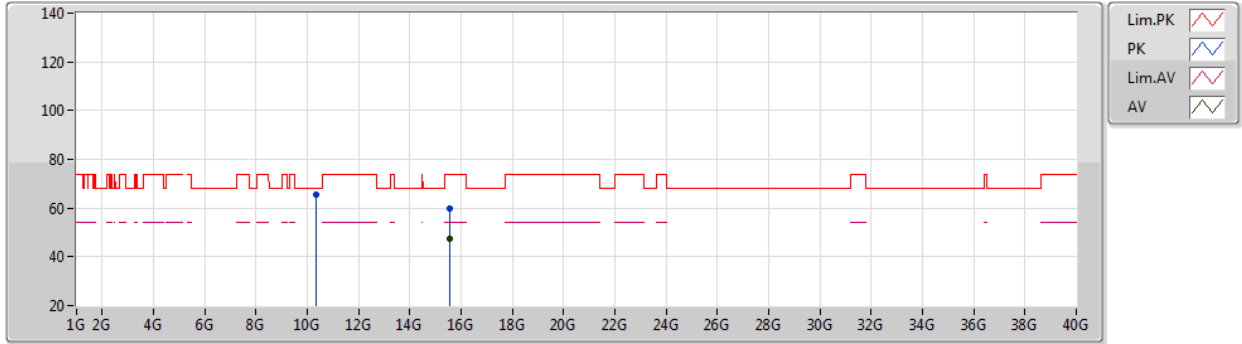
EUT_Z_2TX
Setting 21
04-F-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Raw (dBuV) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | AF (dB) | CL (dB) | PA (dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|
| PK | 5.1468G | 73.00 | 74.00 | -1.00 | 68.86 | 3 | Horizontal | 311 | 2.28 | - | 33.05 | 4.65 | 33.56 |
| AV | 5.15G | 51.49 | 54.00 | -2.51 | 47.35 | 3 | Horizontal | 311 | 2.28 | - | 33.05 | 4.65 | 33.56 |
| PK | 5.1752G | 115.82 | Inf | -Inf | 111.68 | 3 | Horizontal | 311 | 2.28 | - | 33.08 | 4.62 | 33.56 |
| AV | 5.1876G | 103.81 | Inf | -Inf | 99.67 | 3 | Horizontal | 311 | 2.28 | - | 33.09 | 4.61 | 33.56 |

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

15/01/2020

5180MHz_TX



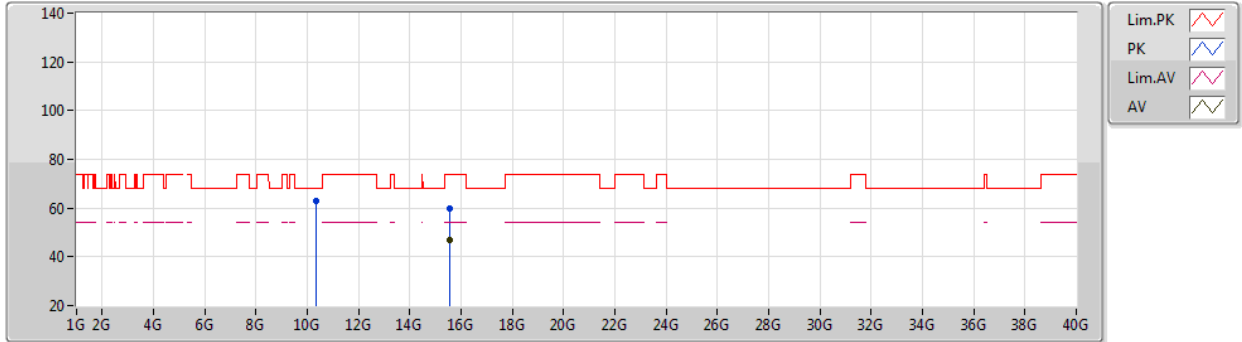
EUT_Z_2TX
Setting 21
04-F-A-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Raw (dBuV) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|------------|----------|-----------|-------------|------------|---------|---------|---------|---------|
| PK | 10.3594G | 65.29 | 68.20 | -2.91 | 53.55 | 3 | Vertical | 318 | 2.35 | - | 38.89 | 6.82 | 33.97 |
| PK | 15.54228G | 59.78 | 74.00 | -14.22 | 46.87 | 3 | Vertical | 137 | 1.77 | - | 39.10 | 9.23 | 35.42 |
| AV | 15.53988G | 47.32 | 54.00 | -6.68 | 34.40 | 3 | Vertical | 137 | 1.77 | - | 39.11 | 9.23 | 35.42 |

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

15/01/2020

5180MHz_TX



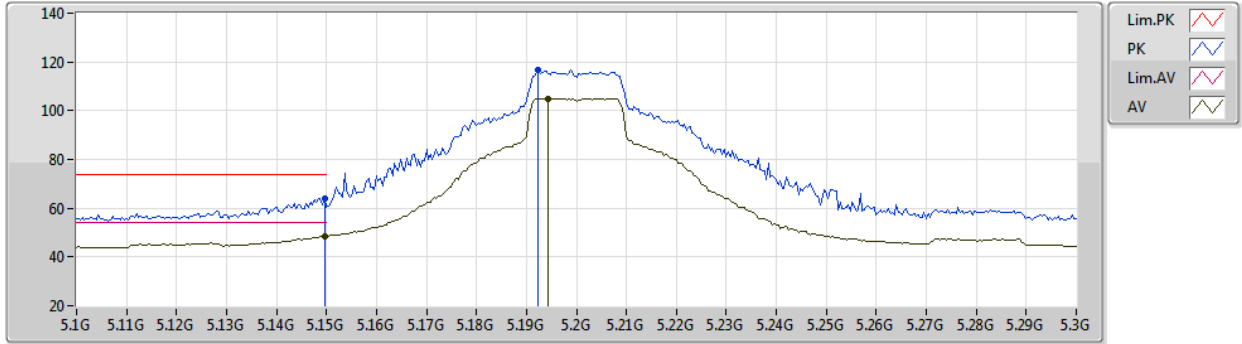
EUT Z_2TX
Setting 21
04-F-A-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Raw (dBuV) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | AF (dB) | CL (dB) | PA (dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|
| PK | 10.3575G | 63.11 | 68.20 | -5.09 | 51.38 | 3 | Horizontal | 328 | 1.80 | - | 38.89 | 6.81 | 33.97 |
| PK | 15.5365G | 59.85 | 74.00 | -14.15 | 46.93 | 3 | Horizontal | 345 | 1.80 | - | 39.11 | 9.23 | 35.42 |
| AV | 15.5398G | 46.85 | 54.00 | -7.15 | 33.93 | 3 | Horizontal | 345 | 1.80 | - | 39.11 | 9.23 | 35.42 |

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

15/01/2020

5200MHz_TX



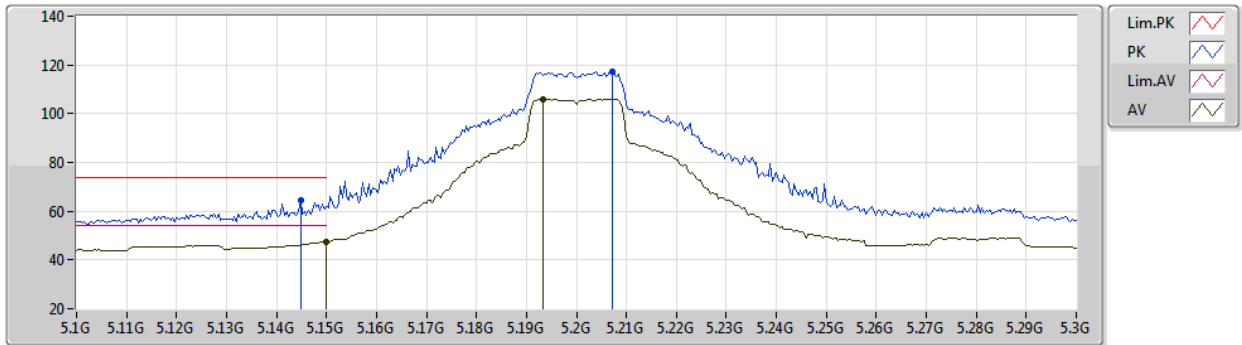
EUT_Z_2TX
Setting 25
04-F-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Raw (dBuV) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|------------|----------|-----------|-------------|------------|---------|---------|---------|---------|
| PK | 5.1496G | 64.21 | 74.00 | -9.79 | 60.07 | 3 | Vertical | 256 | 2.08 | - | 33.05 | 4.65 | 33.56 |
| AV | 5.1496G | 48.33 | 54.00 | -5.67 | 44.19 | 3 | Vertical | 256 | 2.08 | - | 33.05 | 4.65 | 33.56 |
| PK | 5.1924G | 116.92 | Inf | -Inf | 112.78 | 3 | Vertical | 256 | 2.08 | - | 33.09 | 4.61 | 33.56 |
| AV | 5.1944G | 105.07 | Inf | -Inf | 100.93 | 3 | Vertical | 256 | 2.08 | - | 33.09 | 4.61 | 33.56 |

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

15/01/2020

5200MHz_TX



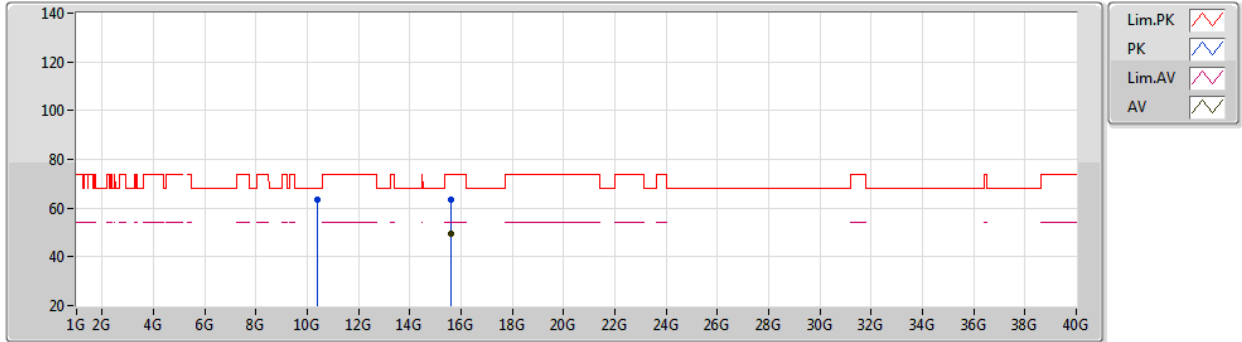
EUT Z_2TX
Setting 25
04-F-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Raw (dBuV) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|------------|----------|------------|-------------|------------|---------|---------|---------|---------|
| PK | 5.1448G | 64.47 | 74.00 | -9.53 | 60.34 | 3 | Horizontal | 309 | 2.29 | - | 33.04 | 4.65 | 33.56 |
| AV | 5.15G | 47.46 | 54.00 | -6.54 | 43.32 | 3 | Horizontal | 309 | 2.29 | - | 33.05 | 4.65 | 33.56 |
| PK | 5.2072G | 117.35 | Inf | -Inf | 113.20 | 3 | Horizontal | 309 | 2.29 | - | 33.11 | 4.60 | 33.56 |
| AV | 5.1932G | 105.81 | Inf | -Inf | 101.67 | 3 | Horizontal | 309 | 2.29 | - | 33.09 | 4.61 | 33.56 |

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

15/01/2020

5200MHz_TX



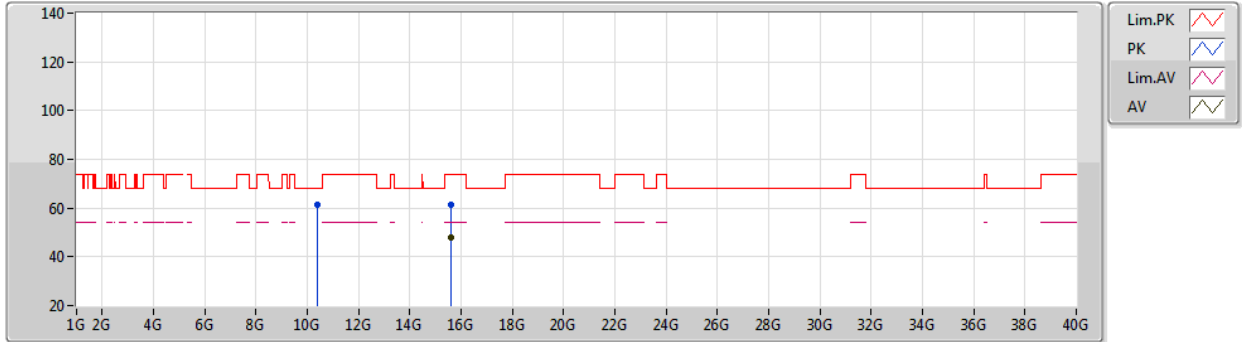
EUT Z_2TX
Setting 25
04-F-A-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Raw (dBuV) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | AF (dB) | CL (dB) | PA (dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|
| PK | 10.3997G | 63.50 | 68.20 | -4.70 | 51.74 | 3 | Vertical | 318 | 1.87 | - | 38.92 | 6.84 | 34.00 |
| PK | 15.5997G | 63.20 | 74.00 | -10.80 | 50.32 | 3 | Vertical | 186 | 2.11 | - | 39.04 | 9.28 | 35.44 |
| AV | 15.5998G | 49.28 | 54.00 | -4.72 | 36.40 | 3 | Vertical | 186 | 2.11 | - | 39.04 | 9.28 | 35.44 |

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

15/01/2020

5200MHz_TX



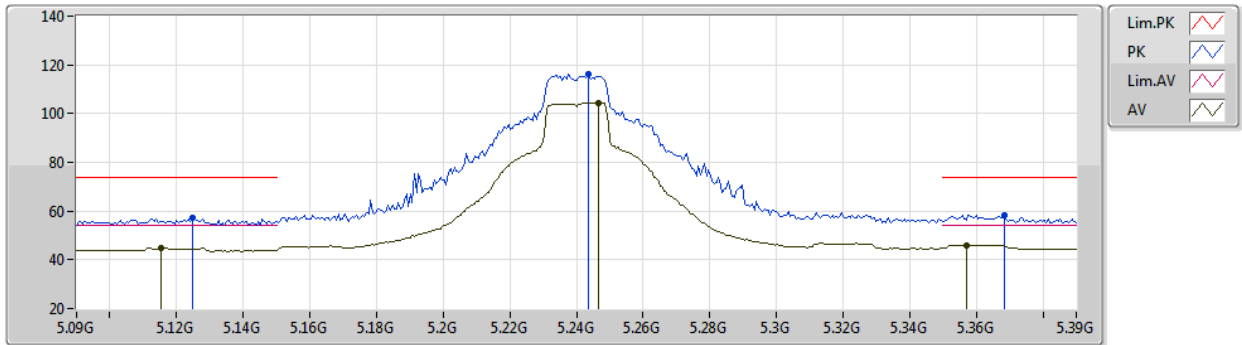
EUT Z_2TX
Setting 25
04-F-A-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Raw (dBuV) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|------------|----------|------------|-------------|------------|---------|---------|---------|---------|
| PK | 10.3992G | 61.52 | 68.20 | -6.68 | 49.76 | 3 | Horizontal | 329 | 1.79 | - | 38.92 | 6.84 | 34.00 |
| PK | 15.6004G | 61.43 | 74.00 | -12.57 | 48.55 | 3 | Horizontal | 347 | 1.80 | - | 39.04 | 9.28 | 35.44 |
| AV | 15.6001G | 47.86 | 54.00 | -6.14 | 34.98 | 3 | Horizontal | 347 | 1.80 | - | 39.04 | 9.28 | 35.44 |

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

15/01/2020

5240MHz_TX



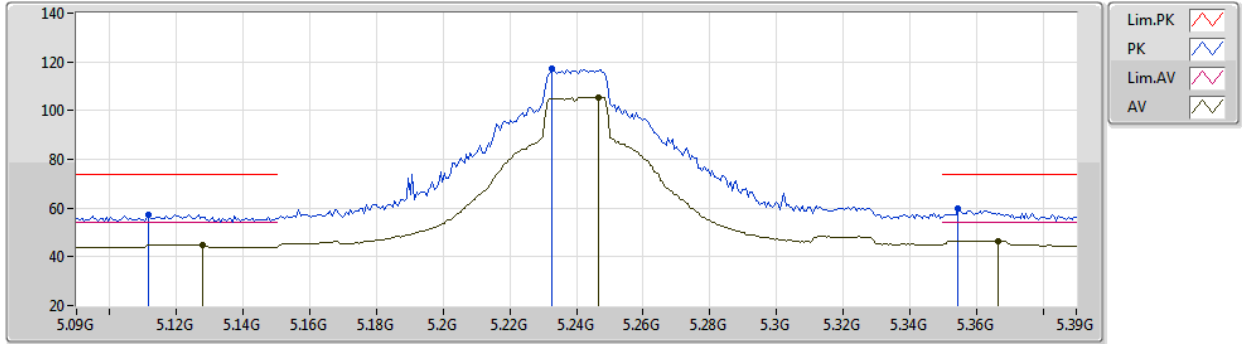
EUT_Z_2TX
Setting 25
04-F-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Raw (dBuV) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|------------|----------|-----------|-------------|------------|---------|---------|---------|---------|
| PK | 5.1248G | 57.47 | 74.00 | -16.53 | 53.34 | 3 | Vertical | 254 | 2.08 | - | 33.02 | 4.67 | 33.56 |
| AV | 5.1152G | 44.64 | 54.00 | -9.36 | 40.50 | 3 | Vertical | 254 | 2.08 | - | 33.02 | 4.68 | 33.56 |
| PK | 5.2436G | 116.27 | Inf | -Inf | 112.07 | 3 | Vertical | 254 | 2.08 | - | 33.14 | 4.62 | 33.56 |
| AV | 5.2466G | 104.55 | Inf | -Inf | 100.34 | 3 | Vertical | 254 | 2.08 | - | 33.15 | 4.62 | 33.56 |
| PK | 5.3684G | 58.48 | 74.00 | -15.52 | 53.96 | 3 | Vertical | 254 | 2.08 | - | 33.41 | 4.68 | 33.57 |
| AV | 5.357G | 46.05 | 54.00 | -7.95 | 41.57 | 3 | Vertical | 254 | 2.08 | - | 33.37 | 4.68 | 33.57 |

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

15/01/2020

5240MHz_TX



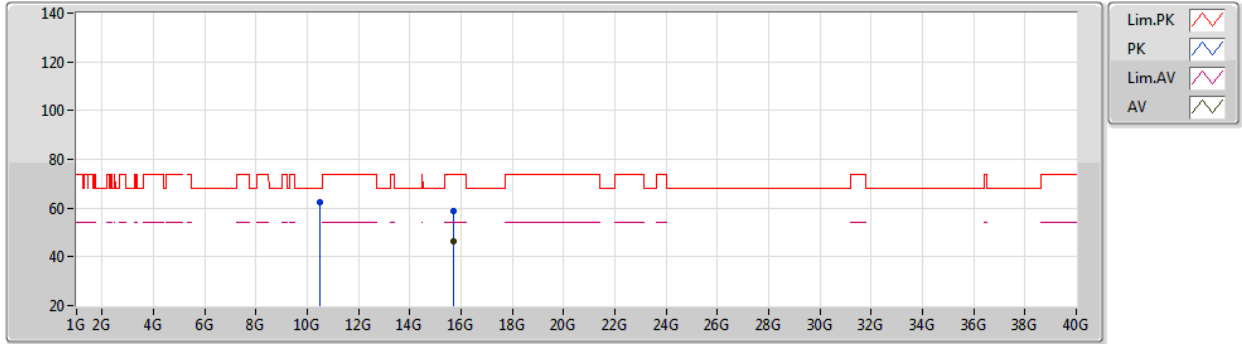
EUT Z_2TX
Setting 25
04-F-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Raw (dBuV) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|------------|----------|------------|-------------|------------|---------|---------|---------|---------|
| PK | 5.1116G | 57.48 | 74.00 | -16.52 | 53.35 | 3 | Horizontal | 308 | 2.37 | - | 33.01 | 4.68 | 33.56 |
| AV | 5.1278G | 45.02 | 54.00 | -8.98 | 40.89 | 3 | Horizontal | 308 | 2.37 | - | 33.03 | 4.66 | 33.56 |
| PK | 5.2328G | 117.09 | Inf | -Inf | 112.90 | 3 | Horizontal | 308 | 2.37 | - | 33.13 | 4.62 | 33.56 |
| AV | 5.2466G | 105.54 | Inf | -Inf | 101.33 | 3 | Horizontal | 308 | 2.37 | - | 33.15 | 4.62 | 33.56 |
| PK | 5.3546G | 59.70 | 74.00 | -14.30 | 55.23 | 3 | Horizontal | 308 | 2.37 | - | 33.36 | 4.68 | 33.57 |
| AV | 5.3666G | 46.54 | 54.00 | -7.46 | 42.03 | 3 | Horizontal | 308 | 2.37 | - | 33.40 | 4.68 | 33.57 |

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

15/01/2020

5240MHz_TX



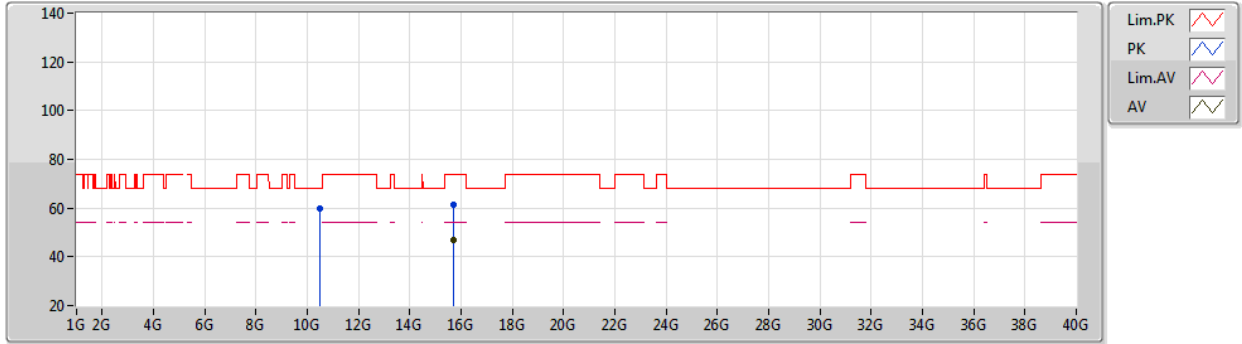
EUT Z_2TX
Setting 25
04-F-A-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Raw (dBuV) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|------------|----------|-----------|-------------|------------|---------|---------|---------|---------|
| PK | 10.4828G | 62.36 | 68.20 | -5.84 | 50.53 | 3 | Vertical | 318 | 2.39 | - | 38.99 | 6.89 | 34.05 |
| PK | 15.7199G | 58.97 | 74.00 | -15.03 | 46.15 | 3 | Vertical | 360 | 2.30 | - | 38.91 | 9.38 | 35.47 |
| AV | 15.7201G | 46.13 | 54.00 | -7.87 | 33.31 | 3 | Vertical | 360 | 2.30 | - | 38.91 | 9.38 | 35.47 |

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

15/01/2020

5240MHz_TX



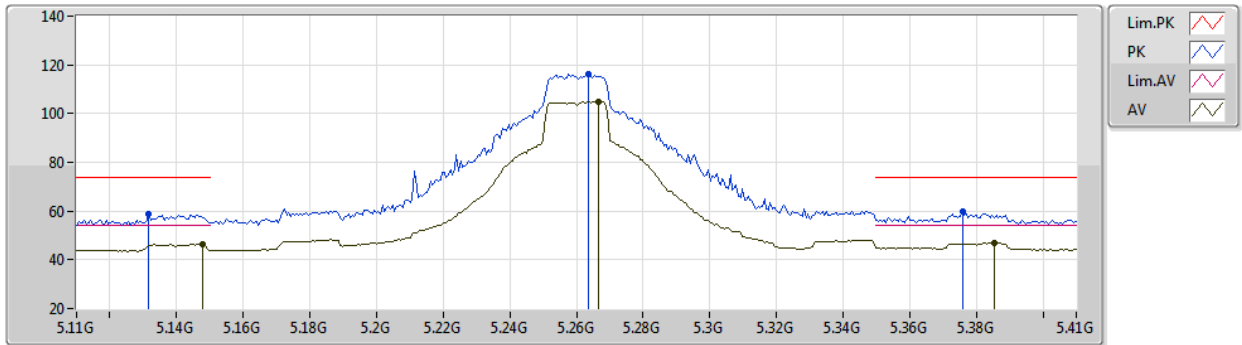
EUT Z_2TX
Setting 25
04-F-A-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Raw (dBuV) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|------------|----------|------------|-------------|------------|---------|---------|---------|---------|
| PK | 10.4799G | 60.04 | 68.20 | -8.16 | 48.22 | 3 | Horizontal | 331 | 1.80 | - | 38.98 | 6.89 | 34.05 |
| PK | 15.7202G | 61.60 | 74.00 | -12.40 | 48.78 | 3 | Horizontal | 315 | 2.47 | - | 38.91 | 9.38 | 35.47 |
| AV | 15.7199G | 46.78 | 54.00 | -7.22 | 33.96 | 3 | Horizontal | 315 | 2.47 | - | 38.91 | 9.38 | 35.47 |

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

15/01/2020

5260MHz_TX



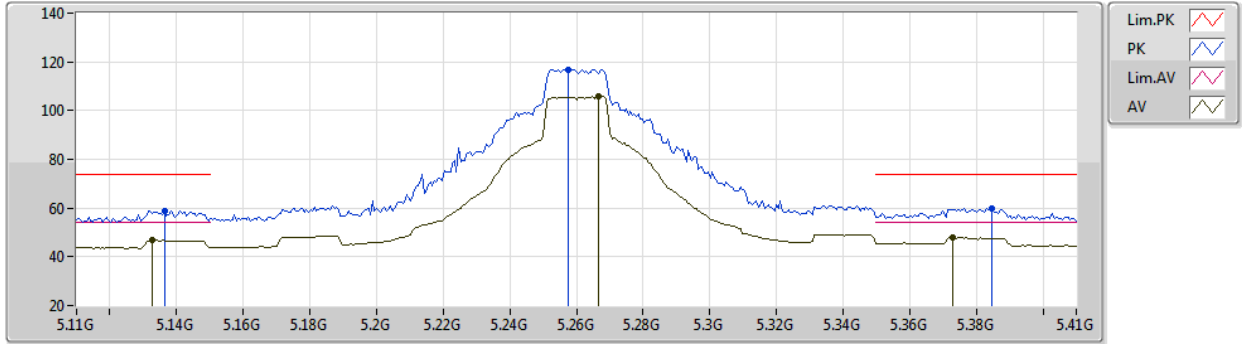
EUT Z_2TX
Setting 25
04-F-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Raw (dBuV) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|------------|----------|-----------|-------------|------------|---------|---------|---------|---------|
| PK | 5.1316G | 58.61 | 74.00 | -15.39 | 54.48 | 3 | Vertical | 260 | 2.39 | - | 33.03 | 4.66 | 33.56 |
| AV | 5.1478G | 46.42 | 54.00 | -7.58 | 42.28 | 3 | Vertical | 260 | 2.39 | - | 33.05 | 4.65 | 33.56 |
| PK | 5.2636G | 116.07 | Inf | -Inf | 111.85 | 3 | Vertical | 260 | 2.39 | - | 33.16 | 4.63 | 33.57 |
| AV | 5.2666G | 104.82 | Inf | -Inf | 100.59 | 3 | Vertical | 260 | 2.39 | - | 33.17 | 4.63 | 33.57 |
| PK | 5.3758G | 59.62 | 74.00 | -14.38 | 55.07 | 3 | Vertical | 260 | 2.39 | - | 33.43 | 4.69 | 33.57 |
| AV | 5.3854G | 46.78 | 54.00 | -7.22 | 42.20 | 3 | Vertical | 260 | 2.39 | - | 33.46 | 4.69 | 33.57 |

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

15/01/2020

5260MHz_TX



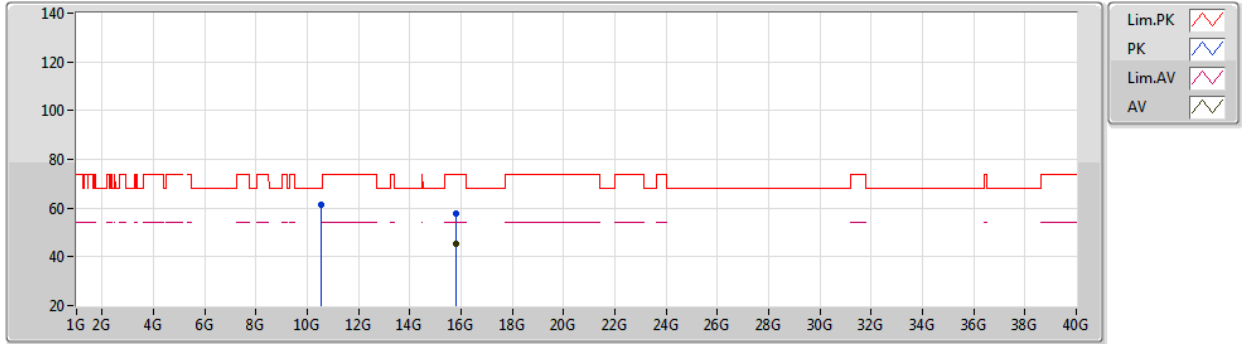
EUT Z_2TX
Setting 25
04-F-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Raw (dBuV) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|------------|----------|------------|-------------|------------|---------|---------|---------|---------|
| PK | 5.1364G | 58.78 | 74.00 | -15.22 | 54.64 | 3 | Horizontal | 309 | 2.34 | - | 33.04 | 4.66 | 33.56 |
| AV | 5.1328G | 46.80 | 54.00 | -7.20 | 42.67 | 3 | Horizontal | 309 | 2.34 | - | 33.03 | 4.66 | 33.56 |
| PK | 5.2576G | 116.98 | Inf | -Inf | 112.76 | 3 | Horizontal | 309 | 2.34 | - | 33.16 | 4.63 | 33.57 |
| AV | 5.2666G | 105.80 | Inf | -Inf | 101.57 | 3 | Horizontal | 309 | 2.34 | - | 33.17 | 4.63 | 33.57 |
| PK | 5.3848G | 59.95 | 74.00 | -14.05 | 55.38 | 3 | Horizontal | 309 | 2.34 | - | 33.45 | 4.69 | 33.57 |
| AV | 5.3728G | 48.11 | 54.00 | -5.89 | 43.57 | 3 | Horizontal | 309 | 2.34 | - | 33.42 | 4.69 | 33.57 |

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

15/01/2020

5260MHz_TX



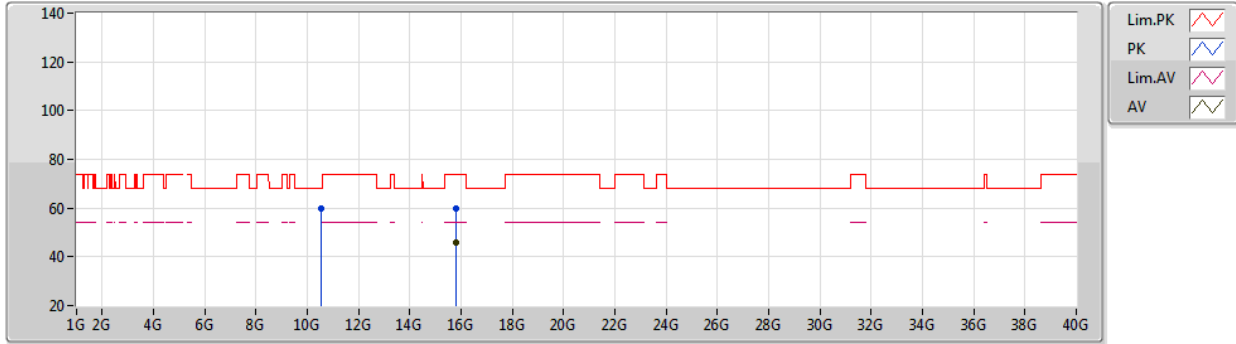
EUT Z_2TX
Setting 25
04-F-A-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Raw (dBuV) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | AF (dB) | CL (dB) | PA (dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|
| PK | 10.5191G | 61.42 | 68.20 | -6.78 | 49.57 | 3 | Vertical | 319 | 2.41 | - | 39.02 | 6.91 | 34.08 |
| PK | 15.7807G | 57.51 | 74.00 | -16.49 | 44.73 | 3 | Vertical | 10 | 2.47 | - | 38.84 | 9.42 | 35.48 |
| AV | 15.7802G | 45.54 | 54.00 | -8.46 | 32.76 | 3 | Vertical | 10 | 2.47 | - | 38.84 | 9.42 | 35.48 |

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

15/01/2020

5260MHz_TX



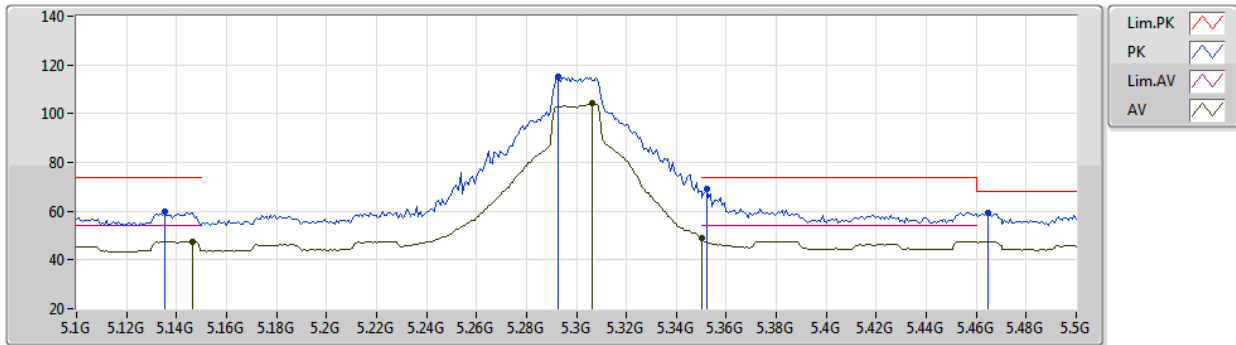
EUT Z_2TX
Setting 25
04-F-A-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Raw (dBuV) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|------------|----------|------------|-------------|------------|---------|---------|---------|---------|
| PK | 10.5194G | 59.89 | 68.20 | -8.31 | 48.04 | 3 | Horizontal | 329 | 1.76 | - | 39.02 | 6.91 | 34.08 |
| PK | 15.7839G | 59.82 | 74.00 | -14.18 | 47.03 | 3 | Horizontal | 313 | 2.77 | - | 38.84 | 9.43 | 35.48 |
| AV | 15.7801G | 45.74 | 54.00 | -8.26 | 32.96 | 3 | Horizontal | 313 | 2.77 | - | 38.84 | 9.42 | 35.48 |

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

15/01/2020

5300MHz_TX



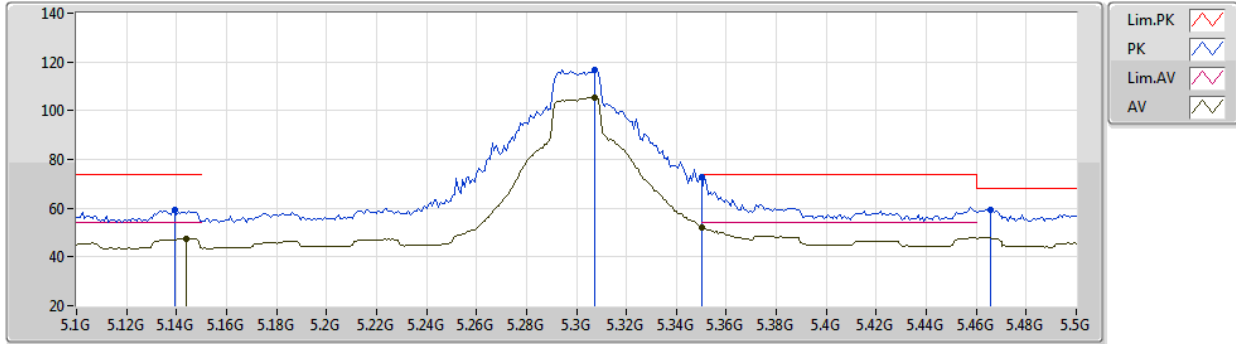
EUT Z_2TX
Setting 25
04-F-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Raw (dBuV) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|------------|----------|-----------|-------------|------------|---------|---------|---------|---------|
| PK | 5.1352G | 59.57 | 74.00 | -14.43 | 55.43 | 3 | Vertical | 259 | 2.19 | - | 33.04 | 4.66 | 33.56 |
| AV | 5.1464G | 47.47 | 54.00 | -6.53 | 43.33 | 3 | Vertical | 259 | 2.19 | - | 33.05 | 4.65 | 33.56 |
| PK | 5.2928G | 115.41 | Inf | -Inf | 111.14 | 3 | Vertical | 259 | 2.19 | - | 33.19 | 4.65 | 33.57 |
| AV | 5.3064G | 104.10 | Inf | -Inf | 99.80 | 3 | Vertical | 259 | 2.19 | - | 33.22 | 4.65 | 33.57 |
| PK | 5.352G | 69.09 | 74.00 | -4.91 | 64.62 | 3 | Vertical | 259 | 2.19 | - | 33.36 | 4.68 | 33.57 |
| AV | 5.35G | 48.79 | 54.00 | -5.21 | 44.33 | 3 | Vertical | 259 | 2.19 | - | 33.35 | 4.68 | 33.57 |
| PK | 5.4648G | 59.27 | 68.20 | -8.93 | 54.40 | 3 | Vertical | 259 | 2.19 | - | 33.69 | 4.76 | 33.58 |

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

15/01/2020

5300MHz_TX



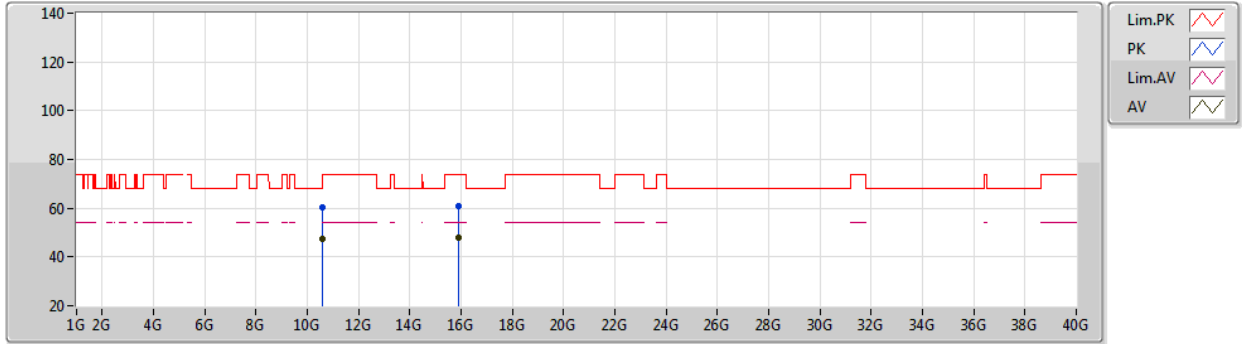
EUT Z_2TX
Setting 25
04-F-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Raw (dBuV) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|------------|----------|------------|-------------|------------|---------|---------|---------|---------|
| PK | 5.1392G | 59.31 | 74.00 | -14.69 | 55.18 | 3 | Horizontal | 313 | 2.32 | - | 33.04 | 4.65 | 33.56 |
| AV | 5.144G | 47.41 | 54.00 | -6.59 | 43.28 | 3 | Horizontal | 313 | 2.32 | - | 33.04 | 4.65 | 33.56 |
| PK | 5.3072G | 116.69 | Inf | -Inf | 112.39 | 3 | Horizontal | 313 | 2.32 | - | 33.22 | 4.65 | 33.57 |
| AV | 5.3072G | 105.60 | Inf | -Inf | 101.30 | 3 | Horizontal | 313 | 2.32 | - | 33.22 | 4.65 | 33.57 |
| PK | 5.35G | 73.01 | 74.00 | -0.99 | 68.55 | 3 | Horizontal | 313 | 2.32 | - | 33.35 | 4.68 | 33.57 |
| AV | 5.35G | 52.16 | 54.00 | -1.84 | 47.70 | 3 | Horizontal | 313 | 2.32 | - | 33.35 | 4.68 | 33.57 |
| PK | 5.4656G | 59.26 | 68.20 | -8.94 | 54.37 | 3 | Horizontal | 313 | 2.32 | - | 33.70 | 4.77 | 33.58 |

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

15/01/2020

5300MHz_TX



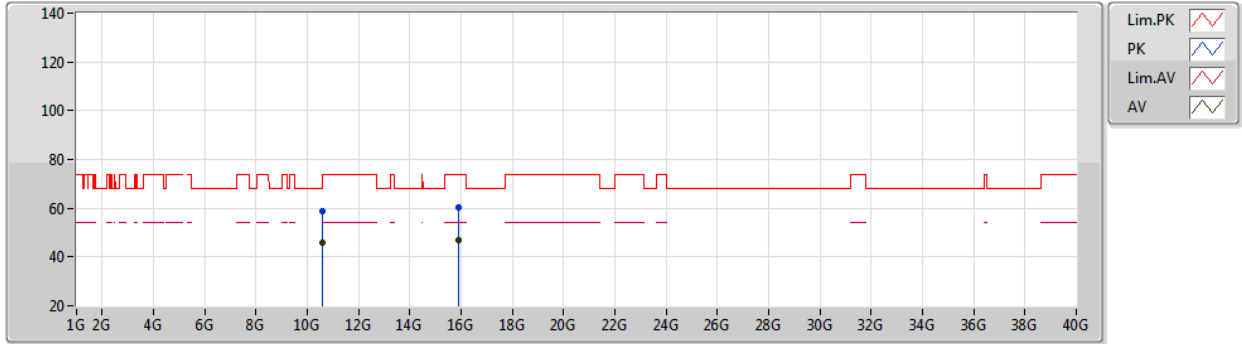
EUT Z_2TX
Setting 25
04-F-A-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Raw (dBuV) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|------------|----------|-----------|-------------|------------|---------|---------|---------|---------|
| PK | 10.6027G | 60.10 | 74.00 | -13.90 | 48.20 | 3 | Vertical | 317 | 2.33 | - | 39.08 | 6.96 | 34.14 |
| AV | 10.6002G | 47.40 | 54.00 | -6.60 | 35.49 | 3 | Vertical | 317 | 2.33 | - | 39.08 | 6.96 | 34.13 |
| PK | 15.9004G | 60.66 | 74.00 | -13.34 | 47.94 | 3 | Vertical | 238 | 1.68 | - | 38.71 | 9.52 | 35.51 |
| AV | 15.9002G | 47.71 | 54.00 | -6.29 | 34.99 | 3 | Vertical | 238 | 1.68 | - | 38.71 | 9.52 | 35.51 |

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

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5300MHz_TX



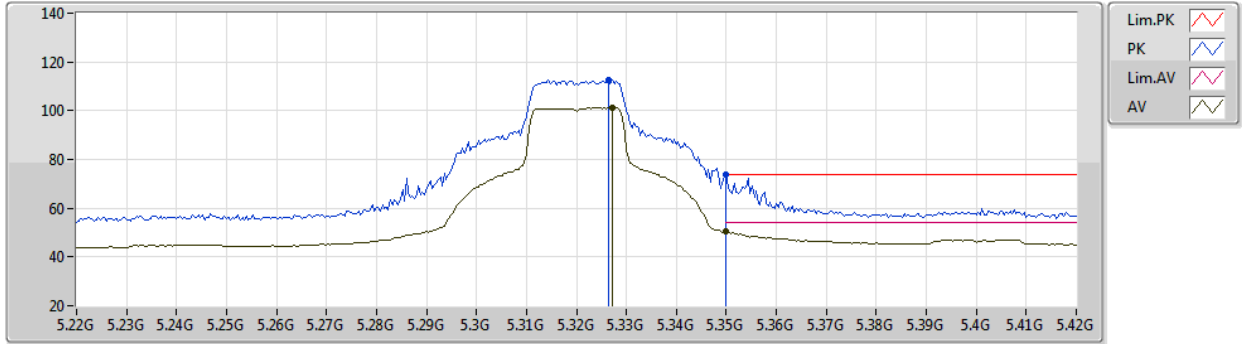
EUT Z_2TX
Setting 25
04-F-A-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Raw (dBuV) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|------------|----------|------------|-------------|------------|---------|---------|---------|---------|
| PK | 10.599G | 58.90 | 68.20 | -9.30 | 46.99 | 3 | Horizontal | 327 | 1.76 | - | 39.08 | 6.96 | 34.13 |
| AV | 10.6002G | 45.68 | 54.00 | -8.32 | 33.77 | 3 | Horizontal | 327 | 1.76 | - | 39.08 | 6.96 | 34.13 |
| PK | 15.9025G | 60.21 | 74.00 | -13.79 | 47.49 | 3 | Horizontal | 312 | 2.79 | - | 38.71 | 9.52 | 35.51 |
| AV | 15.9002G | 47.01 | 54.00 | -6.99 | 34.29 | 3 | Horizontal | 312 | 2.79 | - | 38.71 | 9.52 | 35.51 |

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

15/01/2020

5320MHz_TX



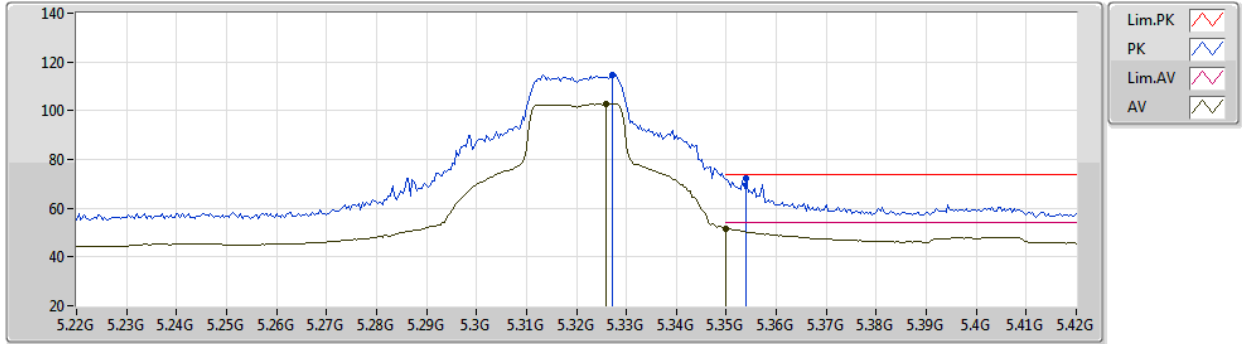
EUT_Z_2TX
Setting 21
04-F-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Raw (dBuV) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|------------|----------|-----------|-------------|------------|---------|---------|---------|---------|
| PK | 5.3264G | 112.61 | Inf | -Inf | 108.24 | 3 | Vertical | 314 | 2.01 | - | 33.28 | 4.66 | 33.57 |
| AV | 5.3272G | 101.36 | Inf | -Inf | 96.99 | 3 | Vertical | 314 | 2.01 | - | 33.28 | 4.66 | 33.57 |
| PK | 5.35G | 73.88 | 74.00 | -0.12 | 69.42 | 3 | Vertical | 314 | 2.01 | - | 33.35 | 4.68 | 33.57 |
| AV | 5.35G | 50.48 | 54.00 | -3.52 | 46.02 | 3 | Vertical | 314 | 2.01 | - | 33.35 | 4.68 | 33.57 |

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

15/01/2020

5320MHz_TX



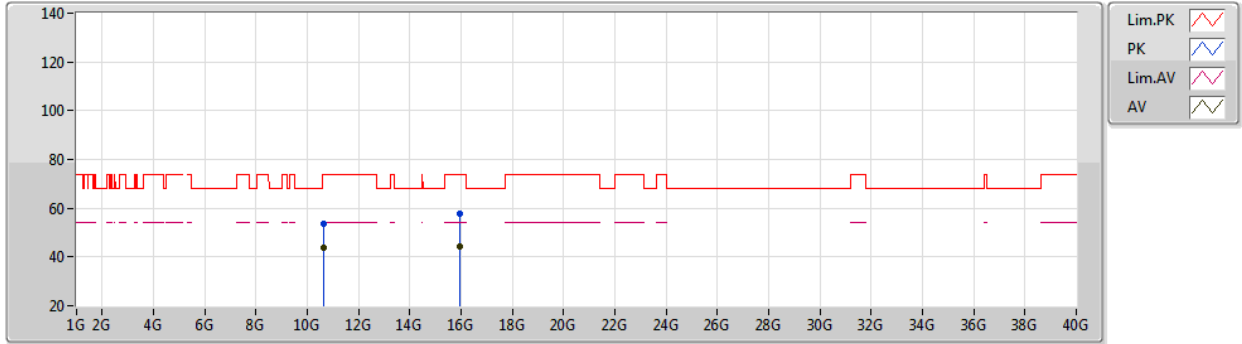
EUT_Z_2TX
Setting 21
04-F-A-3-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Raw (dBuV) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|------------|----------|------------|-------------|------------|---------|---------|---------|---------|
| PK | 5.3272G | 114.87 | Inf | -Inf | 110.50 | 3 | Horizontal | 307 | 2.30 | - | 33.28 | 4.66 | 33.57 |
| AV | 5.326G | 102.85 | Inf | -Inf | 98.48 | 3 | Horizontal | 307 | 2.30 | - | 33.28 | 4.66 | 33.57 |
| PK | 5.354G | 72.38 | 74.00 | -1.62 | 67.91 | 3 | Horizontal | 307 | 2.30 | - | 33.36 | 4.68 | 33.57 |
| AV | 5.35G | 51.74 | 54.00 | -2.26 | 47.28 | 3 | Horizontal | 307 | 2.30 | - | 33.35 | 4.68 | 33.57 |

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

15/01/2020

5320MHz_TX



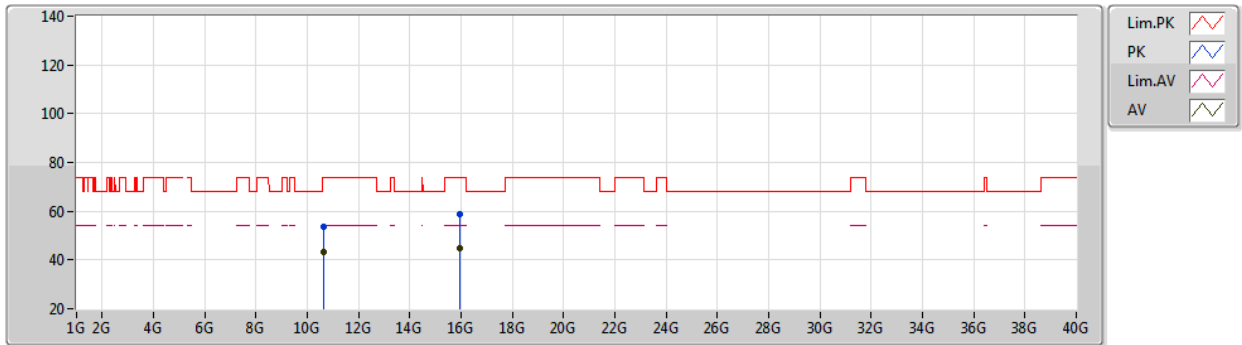
EUT_Z_2TX
Setting 21
04-F-A-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Raw (dBuV) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|------------|----------|-----------|-------------|------------|---------|---------|---------|---------|
| PK | 10.6402G | 53.72 | 74.00 | -20.28 | 41.79 | 3 | Vertical | 147 | 1.60 | - | 39.11 | 6.98 | 34.16 |
| AV | 10.6401G | 43.62 | 54.00 | -10.38 | 31.69 | 3 | Vertical | 147 | 1.60 | - | 39.11 | 6.98 | 34.16 |
| PK | 15.9485G | 57.97 | 74.00 | -16.03 | 45.28 | 3 | Vertical | 157 | 2.17 | - | 38.66 | 9.56 | 35.53 |
| AV | 15.9601G | 44.39 | 54.00 | -9.61 | 31.71 | 3 | Vertical | 157 | 2.17 | - | 38.64 | 9.57 | 35.53 |

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

15/01/2020

5320MHz_TX



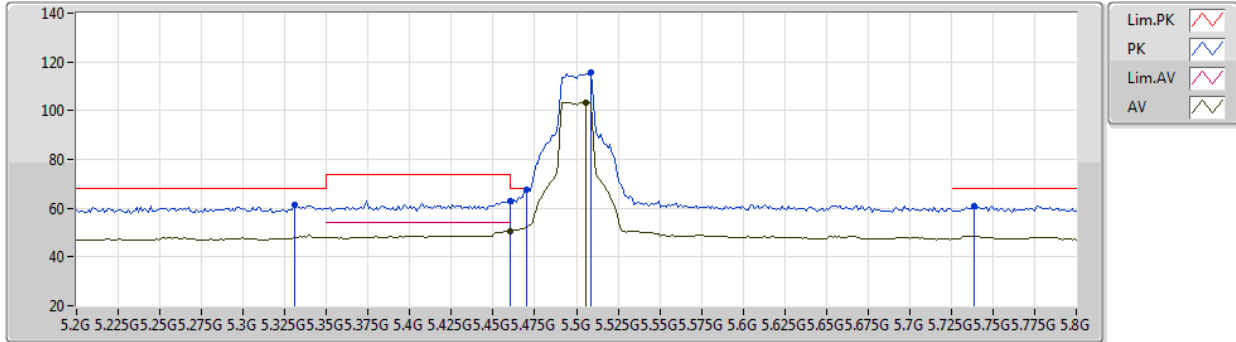
EUT_Z_2TX
Setting 21
04-F-A-3

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Raw (dBuV) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|------------|----------|------------|-------------|------------|---------|---------|---------|---------|
| PK | 10.6199G | 53.84 | 74.00 | -20.16 | 41.92 | 3 | Horizontal | 130 | 1.80 | - | 39.10 | 6.97 | 34.15 |
| AV | 10.64G | 43.45 | 54.00 | -10.55 | 31.52 | 3 | Horizontal | 130 | 1.80 | - | 39.11 | 6.98 | 34.16 |
| PK | 15.9541G | 58.74 | 74.00 | -15.26 | 46.06 | 3 | Horizontal | 77 | 2.64 | - | 38.65 | 9.56 | 35.53 |
| AV | 15.9608G | 44.84 | 54.00 | -9.16 | 32.16 | 3 | Horizontal | 77 | 2.64 | - | 38.64 | 9.57 | 35.53 |

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

15/01/2020

5500MHz_TX



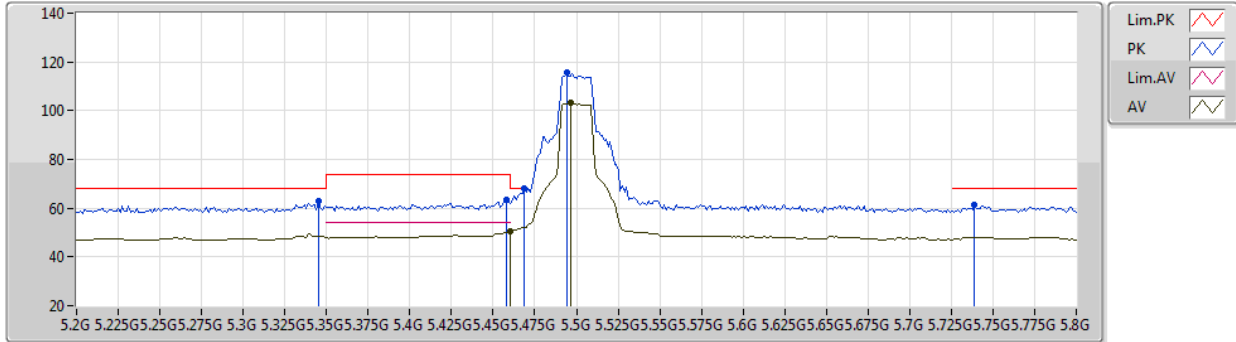
EUT_Z_2TX
Setting 18
02-A-P-2-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Raw (dBuV) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|------------|----------|-----------|-------------|------------|---------|---------|---------|---------|
| PK | 5.3308G | 61.45 | 68.20 | -6.75 | 52.00 | 3 | Vertical | 214 | 2.10 | - | 33.83 | 6.07 | 30.45 |
| PK | 5.46G | 62.89 | 74.00 | -11.11 | 53.31 | 3 | Vertical | 214 | 2.10 | - | 33.90 | 6.17 | 30.49 |
| AV | 5.46G | 50.59 | 54.00 | -3.41 | 41.01 | 3 | Vertical | 214 | 2.10 | - | 33.90 | 6.17 | 30.49 |
| PK | 5.47G | 67.68 | 68.20 | -0.52 | 58.10 | 3 | Vertical | 214 | 2.10 | - | 33.90 | 6.18 | 30.50 |
| PK | 5.5084G | 115.81 | Inf | -Inf | 106.19 | 3 | Vertical | 214 | 2.10 | - | 33.91 | 6.22 | 30.51 |
| AV | 5.506G | 103.50 | Inf | -Inf | 93.88 | 3 | Vertical | 214 | 2.10 | - | 33.91 | 6.22 | 30.51 |
| PK | 5.7388G | 60.76 | 68.20 | -7.44 | 51.16 | 3 | Vertical | 214 | 2.10 | - | 33.80 | 6.37 | 30.57 |

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

15/01/2020

5500MHz_TX



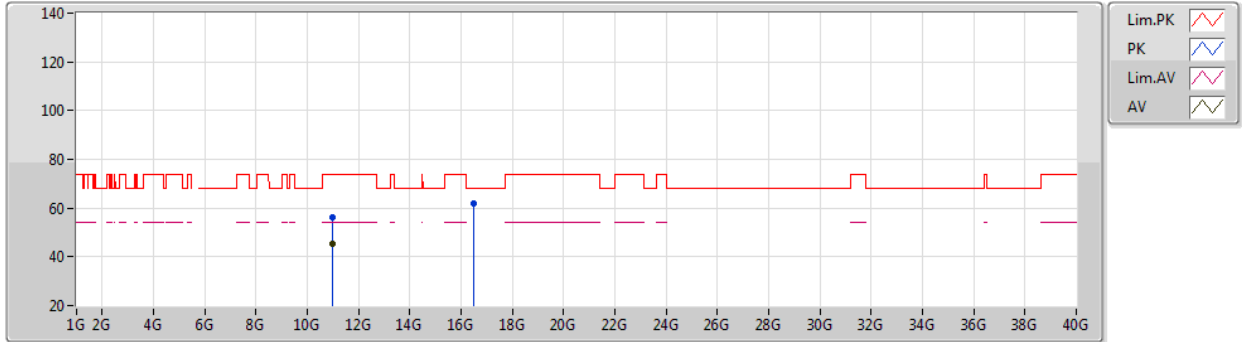
EUT_Z_2TX
Setting 18
02-A-P-2-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Raw (dBuV) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|------------|----------|------------|-------------|------------|---------|---------|---------|---------|
| PK | 5.3452G | 62.83 | 68.20 | -5.37 | 53.36 | 3 | Horizontal | 223 | 2.82 | - | 33.85 | 6.07 | 30.45 |
| PK | 5.458G | 63.65 | 74.00 | -10.35 | 54.08 | 3 | Horizontal | 223 | 2.82 | - | 33.90 | 6.16 | 30.49 |
| AV | 5.46G | 50.47 | 54.00 | -3.53 | 40.89 | 3 | Horizontal | 223 | 2.82 | - | 33.90 | 6.17 | 30.49 |
| PK | 5.4688G | 67.88 | 68.20 | -0.32 | 58.30 | 3 | Horizontal | 223 | 2.82 | - | 33.90 | 6.18 | 30.50 |
| PK | 5.494G | 115.46 | Inf | -Inf | 105.87 | 3 | Horizontal | 223 | 2.82 | - | 33.90 | 6.20 | 30.51 |
| AV | 5.4964G | 103.02 | Inf | -Inf | 93.42 | 3 | Horizontal | 223 | 2.82 | - | 33.90 | 6.21 | 30.51 |
| PK | 5.7388G | 61.30 | 68.20 | -6.90 | 51.70 | 3 | Horizontal | 223 | 2.82 | - | 33.80 | 6.37 | 30.57 |

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

15/01/2020

5500MHz_TX



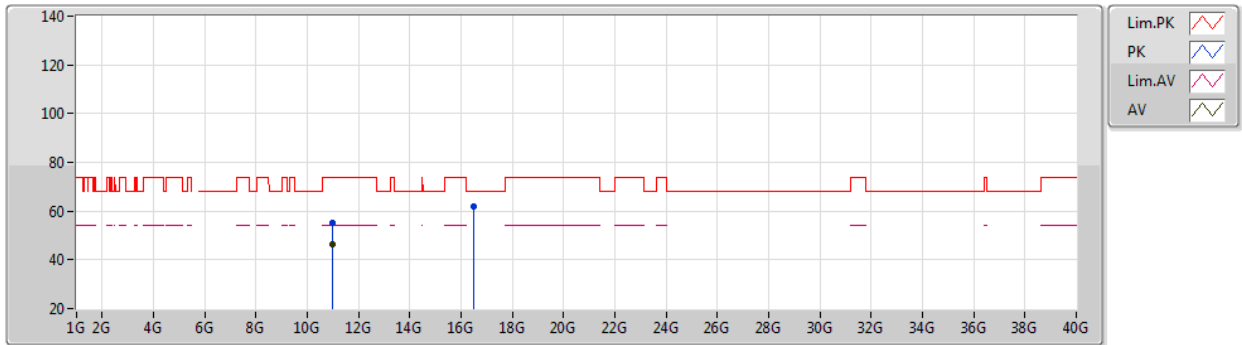
EUT_Z_2TX
Setting 18
02-A-P-2

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Raw (dBuV) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|------------|----------|-----------|-------------|------------|---------|---------|---------|---------|
| PK | 11.00022G | 56.26 | 74.00 | -17.74 | 40.60 | 3 | Vertical | 55 | 1.80 | - | 38.40 | 8.71 | 31.45 |
| AV | 11.00002G | 45.60 | 54.00 | -8.40 | 29.94 | 3 | Vertical | 55 | 1.80 | - | 38.40 | 8.71 | 31.45 |
| PK | 16.50012G | 61.66 | 68.20 | -6.54 | 44.56 | 3 | Vertical | 145 | 1.77 | - | 39.30 | 9.71 | 31.91 |

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

15/01/2020

5500MHz_TX



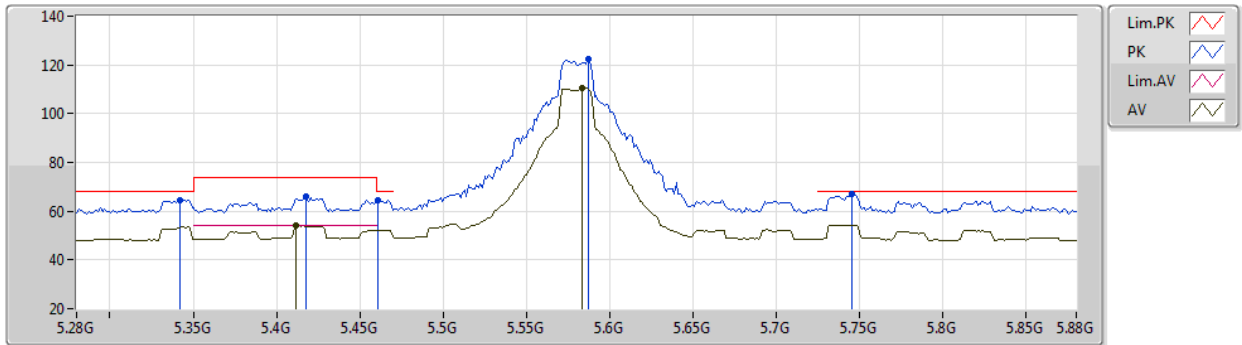
EUT_Z_2TX
Setting 18
02-A-P-2

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Raw (dBuV) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|------------|----------|------------|-------------|------------|---------|---------|---------|---------|
| PK | 10.99999G | 55.31 | 74.00 | -18.69 | 39.65 | 3 | Horizontal | 66 | 2.06 | - | 38.40 | 8.71 | 31.45 |
| AV | 10.99998G | 46.38 | 54.00 | -7.62 | 30.72 | 3 | Horizontal | 66 | 2.06 | - | 38.40 | 8.71 | 31.45 |
| PK | 16.49996G | 61.99 | 68.20 | -6.21 | 44.90 | 3 | Horizontal | 353 | 1.76 | - | 39.30 | 9.70 | 31.91 |

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

15/01/2020

5580MHz_TX



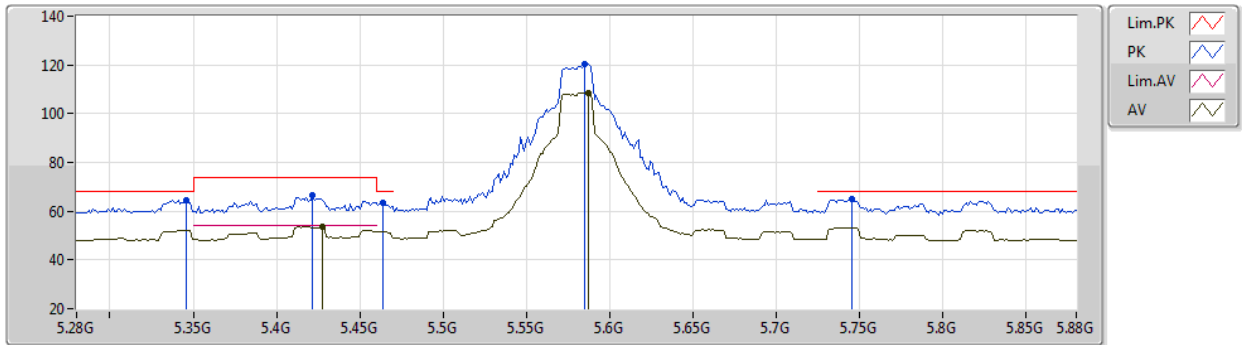
EUT Z_2TX
Setting 25
02-A-P-2-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Raw (dBuV) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|------------|----------|-----------|-------------|------------|---------|---------|---------|---------|
| PK | 5.3424G | 64.61 | 68.20 | -3.59 | 55.15 | 3 | Vertical | 221 | 2.16 | - | 33.84 | 6.07 | 30.45 |
| PK | 5.418G | 65.81 | 74.00 | -8.19 | 56.27 | 3 | Vertical | 221 | 2.16 | - | 33.90 | 6.12 | 30.48 |
| AV | 5.412G | 53.94 | 54.00 | -0.06 | 44.40 | 3 | Vertical | 221 | 2.16 | - | 33.90 | 6.11 | 30.47 |
| PK | 5.4612G | 64.34 | 68.20 | -3.86 | 54.76 | 3 | Vertical | 221 | 2.16 | - | 33.90 | 6.17 | 30.49 |
| PK | 5.5872G | 122.50 | Inf | -Inf | 112.75 | 3 | Vertical | 221 | 2.16 | - | 33.99 | 6.29 | 30.53 |
| AV | 5.5836G | 110.47 | Inf | -Inf | 100.73 | 3 | Vertical | 221 | 2.16 | - | 33.98 | 6.29 | 30.53 |
| PK | 5.7456G | 67.07 | 68.20 | -1.13 | 57.47 | 3 | Vertical | 221 | 2.16 | - | 33.80 | 6.37 | 30.57 |

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

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5580MHz_TX



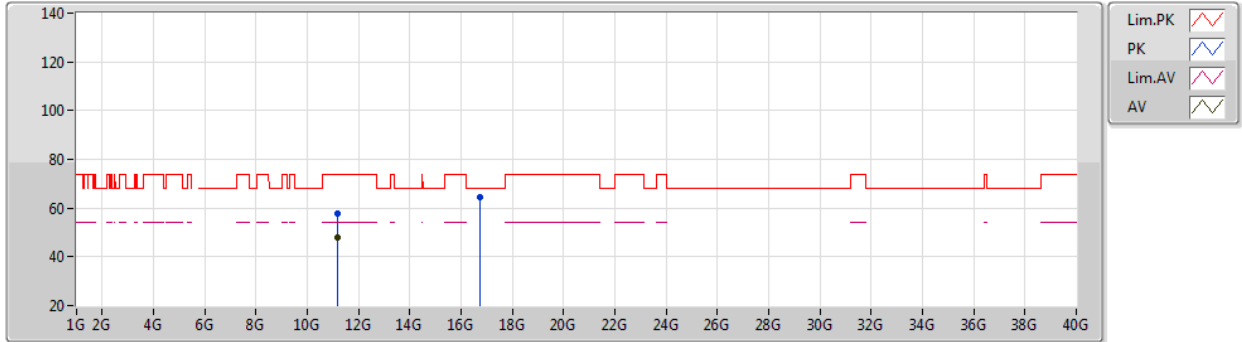
EUT Z_2TX
Setting 25
02-A-P-2-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Raw (dBuV) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|------------|----------|------------|-------------|------------|---------|---------|---------|---------|
| PK | 5.346G | 64.51 | 68.20 | -3.69 | 55.04 | 3 | Horizontal | 226 | 2.21 | - | 33.85 | 6.07 | 30.45 |
| PK | 5.4216G | 66.44 | 74.00 | -7.56 | 56.90 | 3 | Horizontal | 226 | 2.21 | - | 33.90 | 6.12 | 30.48 |
| AV | 5.4276G | 53.48 | 54.00 | -0.52 | 43.93 | 3 | Horizontal | 226 | 2.21 | - | 33.90 | 6.13 | 30.48 |
| PK | 5.4636G | 63.49 | 68.20 | -4.71 | 53.92 | 3 | Horizontal | 226 | 2.21 | - | 33.90 | 6.17 | 30.50 |
| PK | 5.5848G | 120.38 | Inf | -Inf | 110.64 | 3 | Horizontal | 226 | 2.21 | - | 33.98 | 6.29 | 30.53 |
| AV | 5.5872G | 108.68 | Inf | -Inf | 98.93 | 3 | Horizontal | 226 | 2.21 | - | 33.99 | 6.29 | 30.53 |
| PK | 5.7456G | 64.75 | 68.20 | -3.45 | 55.15 | 3 | Horizontal | 226 | 2.21 | - | 33.80 | 6.37 | 30.57 |

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

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5580MHz_TX



EUT_Z_2TX
Setting 25
02-A-P-2

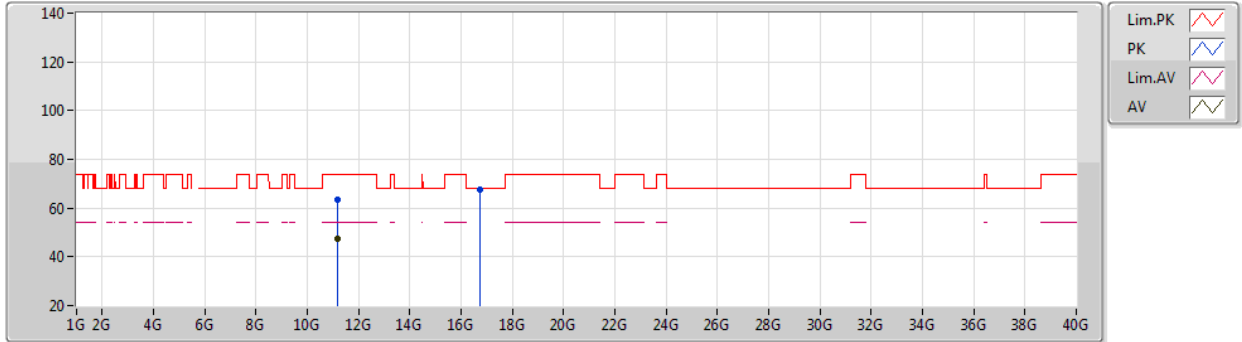
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Raw (dBuV) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | AF (dB) | CL (dB) | PA (dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|
| PK | 11.1601G | 57.79 | 74.00 | -16.21 | 42.00 | 3 | Vertical | 356 | 2.54 | - | 38.53 | 8.76 | 31.50 |
| AV | 11.16006G | 48.09 | 54.00 | -5.91 | 32.30 | 3 | Vertical | 356 | 2.54 | - | 38.53 | 8.76 | 31.50 |
| PK | 16.73876G | 64.23 | 68.20 | -3.97 | 46.00 | 3 | Vertical | 172 | 1.61 | - | 40.21 | 9.85 | 31.83 |



802.11ac VHT20-BF_Nss1,(MCS0)_2TX

15/01/2020

5580MHz_TX



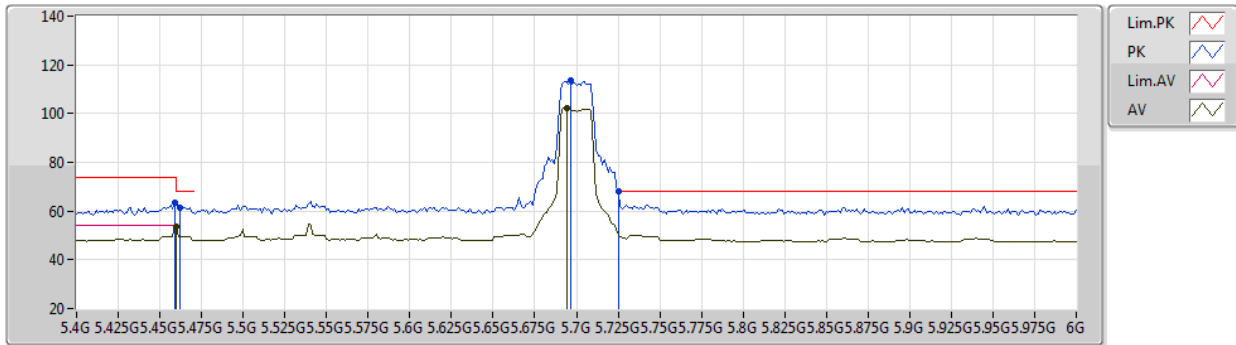
EUT Z_2TX
Setting 25
02-A-P-2

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Raw (dBuV) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | AF (dB) | CL (dB) | PA (dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|
| PK | 11.16028G | 63.60 | 74.00 | -10.40 | 47.81 | 3 | Horizontal | 144 | 2.01 | - | 38.53 | 8.76 | 31.50 |
| AV | 11.16012G | 47.52 | 54.00 | -6.48 | 31.73 | 3 | Horizontal | 144 | 2.01 | - | 38.53 | 8.76 | 31.50 |
| PK | 16.74042G | 67.43 | 68.20 | -0.77 | 49.20 | 3 | Horizontal | 225 | 2.06 | - | 40.21 | 9.85 | 31.83 |

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

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5700MHz_TX



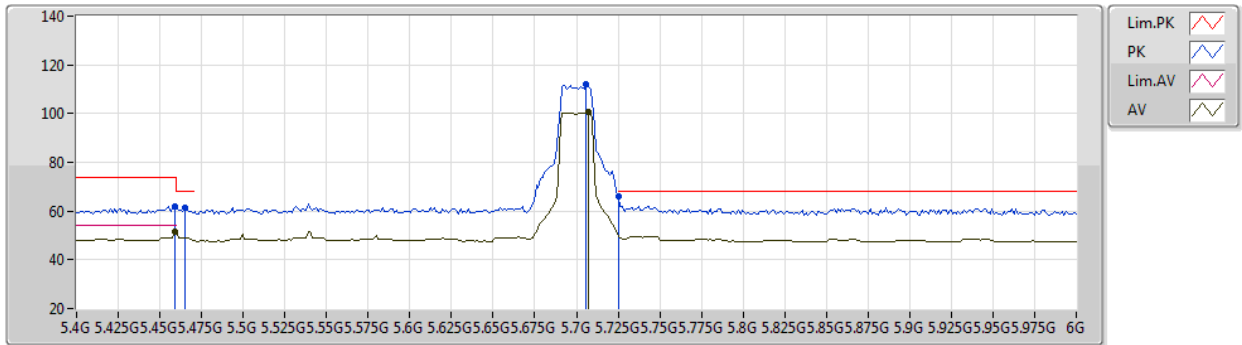
EUT_Z_2TX
Setting 17
02-A-P-2-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Raw (dBuV) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|------------|----------|-----------|-------------|------------|---------|---------|---------|---------|
| PK | 5.4588G | 63.39 | 74.00 | -10.61 | 53.82 | 3 | Vertical | 221 | 2.00 | - | 33.90 | 6.16 | 30.49 |
| AV | 5.46G | 53.73 | 54.00 | -0.27 | 44.15 | 3 | Vertical | 221 | 2.00 | - | 33.90 | 6.17 | 30.49 |
| PK | 5.4624G | 61.55 | 68.20 | -6.65 | 51.97 | 3 | Vertical | 221 | 2.00 | - | 33.90 | 6.17 | 30.49 |
| PK | 5.6964G | 113.49 | Inf | -Inf | 103.89 | 3 | Vertical | 221 | 2.00 | - | 33.81 | 6.35 | 30.56 |
| AV | 5.694G | 102.07 | Inf | -Inf | 92.47 | 3 | Vertical | 221 | 2.00 | - | 33.81 | 6.35 | 30.56 |
| PK | 5.7252G | 67.98 | 68.20 | -0.22 | 58.39 | 3 | Vertical | 221 | 2.00 | - | 33.80 | 6.36 | 30.57 |

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5700MHz_TX



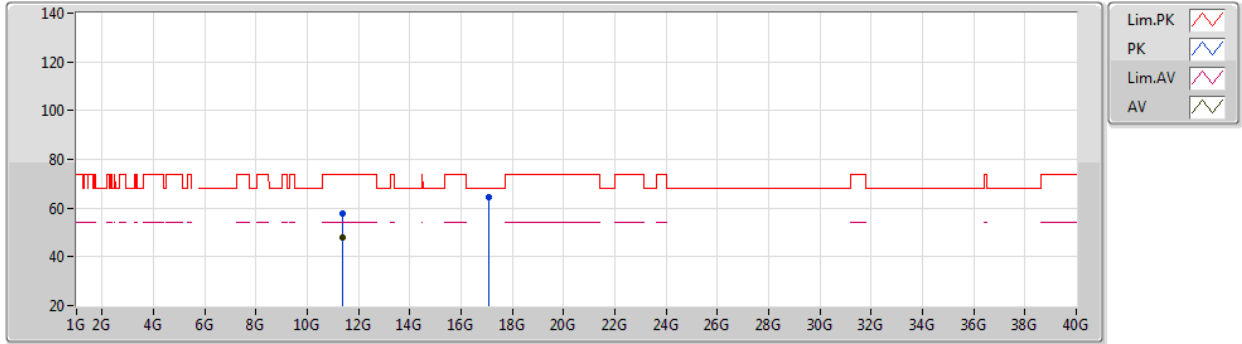
EUT_Z_2TX
Setting 17
02-A-P-2-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Raw (dBuV) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|------------|----------|------------|-------------|------------|---------|---------|---------|---------|
| PK | 5.4588G | 62.07 | 74.00 | -11.93 | 52.50 | 3 | Horizontal | 224 | 2.23 | - | 33.90 | 6.16 | 30.49 |
| AV | 5.4588G | 51.40 | 54.00 | -2.60 | 41.83 | 3 | Horizontal | 224 | 2.23 | - | 33.90 | 6.16 | 30.49 |
| PK | 5.4648G | 61.38 | 68.20 | -6.82 | 51.81 | 3 | Horizontal | 224 | 2.23 | - | 33.90 | 6.17 | 30.50 |
| PK | 5.706G | 112.08 | Inf | -Inf | 102.49 | 3 | Horizontal | 224 | 2.23 | - | 33.80 | 6.35 | 30.56 |
| AV | 5.7072G | 100.93 | Inf | -Inf | 91.34 | 3 | Horizontal | 224 | 2.23 | - | 33.80 | 6.35 | 30.56 |
| PK | 5.7252G | 65.82 | 68.20 | -2.38 | 56.23 | 3 | Horizontal | 224 | 2.23 | - | 33.80 | 6.36 | 30.57 |

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

15/01/2020

5700MHz_TX



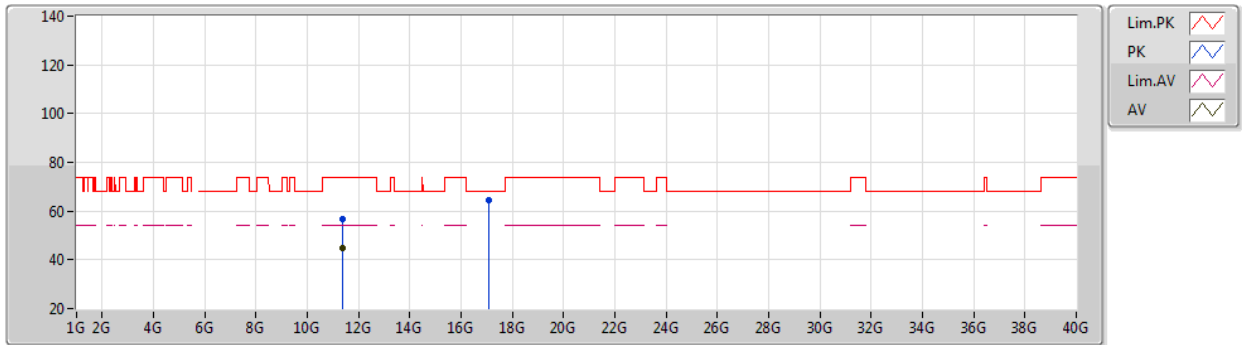
EUT Z_2TX
Setting 17
02-A-P-2

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Raw (dBuV) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|------------|----------|-----------|-------------|------------|---------|---------|---------|---------|
| PK | 11.39962G | 57.96 | 74.00 | -16.04 | 41.98 | 3 | Vertical | 129 | 1.69 | - | 38.72 | 8.83 | 31.57 |
| AV | 11.39996G | 47.80 | 54.00 | -6.20 | 31.82 | 3 | Vertical | 129 | 1.69 | - | 38.72 | 8.83 | 31.57 |
| PK | 17.09978G | 64.50 | 68.20 | -3.70 | 44.47 | 3 | Vertical | 142 | 1.69 | - | 41.73 | 10.07 | 31.77 |

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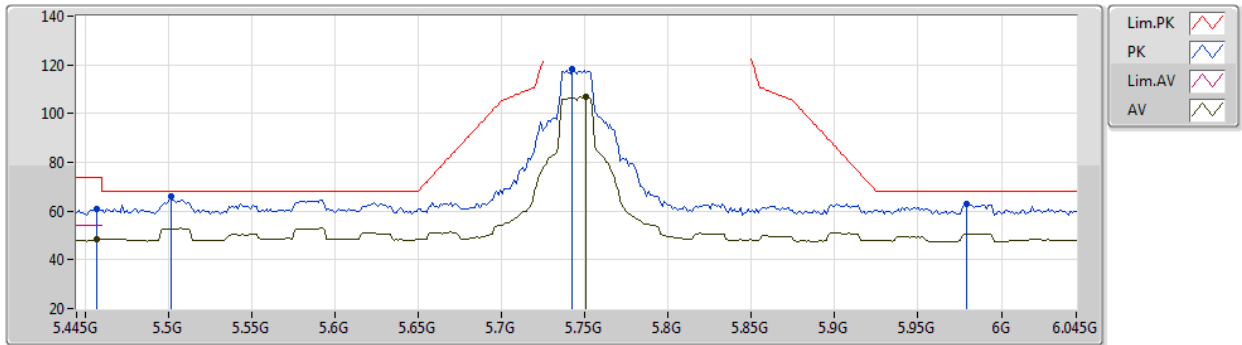
EUT_Z_2TX
Setting 17
02-A-P-2

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Raw (dBuV) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | AF (dB) | CL (dB) | PA (dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|
| PK | 11.39962G | 56.65 | 74.00 | -17.35 | 40.67 | 3 | Horizontal | 34 | 2.07 | - | 38.72 | 8.83 | 31.57 |
| AV | 11.39992G | 45.05 | 54.00 | -8.95 | 29.07 | 3 | Horizontal | 34 | 2.07 | - | 38.72 | 8.83 | 31.57 |
| PK | 17.09786G | 64.24 | 68.20 | -3.96 | 44.22 | 3 | Horizontal | 299 | 2.95 | - | 41.72 | 10.07 | 31.77 |

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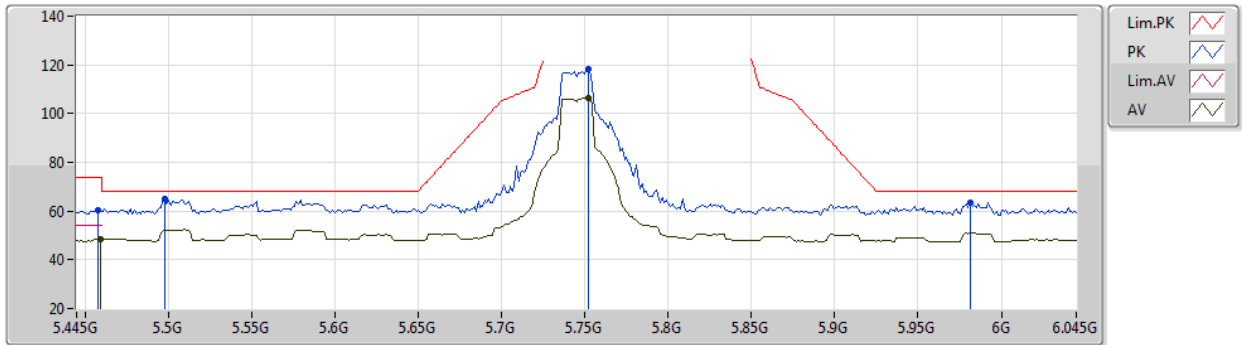
EUT_Z_2TX
Setting 23
02-A-P-2-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Raw (dBuV) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|------------|----------|-----------|-------------|------------|---------|---------|---------|---------|
| PK | 5.457G | 60.93 | 74.00 | -13.07 | 51.36 | 3 | Vertical | 221 | 1.02 | - | 33.90 | 6.16 | 30.49 |
| AV | 5.457G | 48.57 | 54.00 | -5.43 | 39.00 | 3 | Vertical | 221 | 1.02 | - | 33.90 | 6.16 | 30.49 |
| PK | 5.5014G | 65.84 | 68.20 | -2.36 | 56.24 | 3 | Vertical | 221 | 1.02 | - | 33.90 | 6.21 | 30.51 |
| PK | 5.7426G | 118.03 | Inf | -Inf | 108.43 | 3 | Vertical | 221 | 1.02 | - | 33.80 | 6.37 | 30.57 |
| AV | 5.751G | 106.77 | Inf | -Inf | 97.16 | 3 | Vertical | 221 | 1.02 | - | 33.80 | 6.38 | 30.57 |
| PK | 5.979G | 62.85 | 68.20 | -5.35 | 53.01 | 3 | Vertical | 221 | 1.02 | - | 34.16 | 6.31 | 30.63 |

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5745MHz_TX



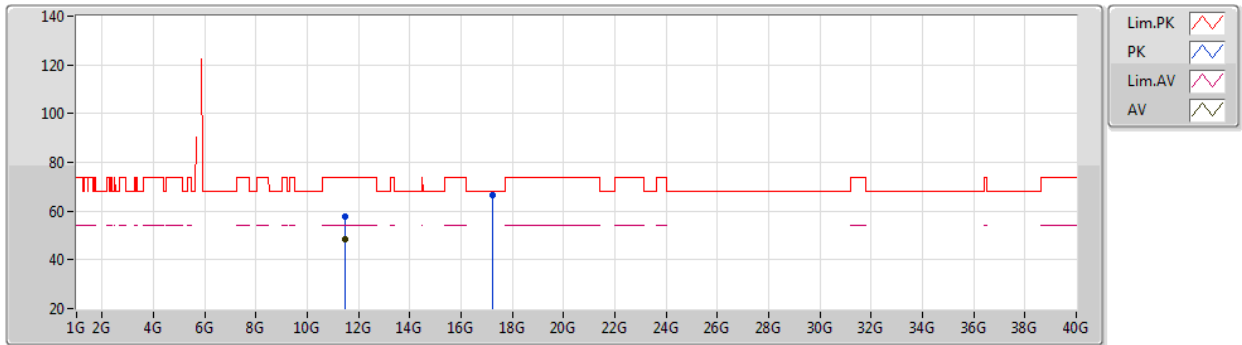
EUT_Z_2TX
Setting 23
02-A-P-2-10

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Raw (dBuV) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|------------|----------|------------|-------------|------------|---------|---------|---------|---------|
| PK | 5.4582G | 60.34 | 74.00 | -13.66 | 50.77 | 3 | Horizontal | 224 | 2.13 | - | 33.90 | 6.16 | 30.49 |
| AV | 5.4594G | 48.38 | 54.00 | -5.62 | 38.80 | 3 | Horizontal | 224 | 2.13 | - | 33.90 | 6.17 | 30.49 |
| PK | 5.4978G | 64.80 | 68.20 | -3.40 | 55.20 | 3 | Horizontal | 224 | 2.13 | - | 33.90 | 6.21 | 30.51 |
| PK | 5.7522G | 118.17 | Inf | -Inf | 108.56 | 3 | Horizontal | 224 | 2.13 | - | 33.80 | 6.38 | 30.57 |
| AV | 5.7522G | 106.59 | Inf | -Inf | 96.98 | 3 | Horizontal | 224 | 2.13 | - | 33.80 | 6.38 | 30.57 |
| PK | 5.9814G | 63.24 | 68.20 | -4.96 | 53.40 | 3 | Horizontal | 224 | 2.13 | - | 34.16 | 6.31 | 30.63 |

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

15/01/2020

5745MHz_TX



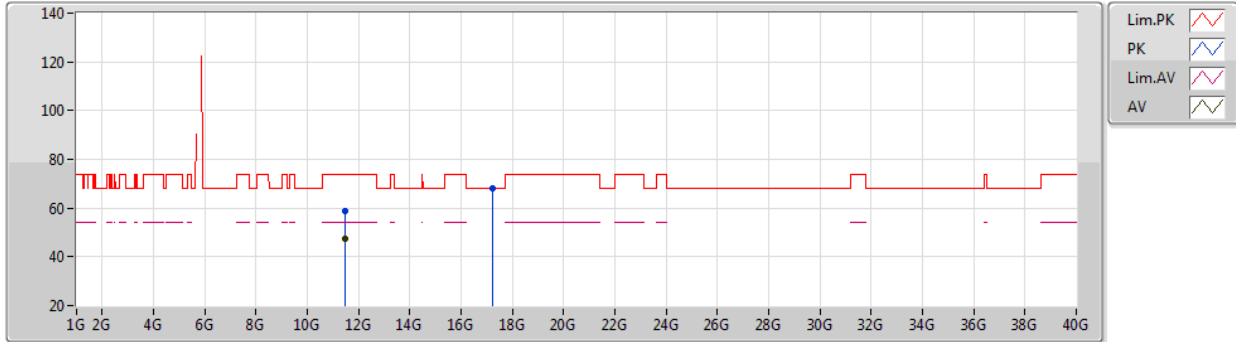
EUT Z_2TX
Setting 23
02-A-P-2

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Raw (dBuV) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | AF (dB) | CL (dB) | PA (dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|
| PK | 11.48998G | 57.85 | 74.00 | -16.15 | 41.81 | 3 | Vertical | 316 | 1.79 | - | 38.79 | 8.85 | 31.60 |
| AV | 11.48996G | 48.30 | 54.00 | -5.70 | 32.26 | 3 | Vertical | 316 | 1.79 | - | 38.79 | 8.85 | 31.60 |
| PK | 17.237G | 66.81 | 68.20 | -1.39 | 46.01 | 3 | Vertical | 100 | 2.19 | - | 42.46 | 10.15 | 31.81 |

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

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EUT Z_2TX
Setting 23
02-A-P-2

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Raw (dBuV) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | AF (dB) | CL (dB) | PA (dB) |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|
| PK | 11.49094G | 58.59 | 74.00 | -15.41 | 42.55 | 3 | Horizontal | 32 | 2.02 | - | 38.79 | 8.85 | 31.60 |
| AV | 11.48998G | 47.41 | 54.00 | -6.59 | 31.37 | 3 | Horizontal | 32 | 2.02 | - | 38.79 | 8.85 | 31.60 |
| PK | 17.2324G | 68.15 | 68.20 | -0.05 | 47.38 | 3 | Horizontal | 226 | 1.76 | - | 42.43 | 10.15 | 31.81 |