# FCC Test Report

| | | |
|---|---|---|
| **FCC ID** | : | **U4FTBII** |
| **Equipment** | : | **Wireless Equipment** |
| **Brand Name** | : | **Datalogic** |
| **Model Name** | : | **TBII** |
| **Applicant** | : | **Datalogic S.r.l.<br>Via S.Vitalino, 13 Calderara di Reno<br>40012 Italy** |
| **Manufacturer** | : | **SparkLAN Communications, Inc.<br>8F., No. 257, Sec. 2, Tiding Blvd., Neihu District, Taipei 11493, Taiwan** |
| **Standard** | : | **47 CFR FCC Part 15.247** |

**The product was received on Dec. 13, 2018, and testing was started from Jan. 15, 2019 and completed on Jan. 15, 2019. 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 variant 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.**

Allen Lin

**Approved by: Allen Lin**

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

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

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**APPENDIX A. TEST RESULTS OF EMISSIONS IN RESTRICTED FREQUENCY BANDS**

**APPENDIX B. TEST PHOTOS**

**PHOTOGRAPHS OF EUT V01**

# History of this test report

| Report No. | Version | Description | Issued Date |
|---|---|---|---|
| FR8N0727-01AC | 01 | Initial issue of report | Jan. 24, 2019 |
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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 | FCC 15.203 |
| - | 15.207 | AC Power-line Conducted Emissions | Not Required | FCC 15.207 |
| - | 15.247(a) | DTS Bandwidth | Not Required | ≥500kHz |
| - | 15.247(b) | Maximum Conducted Output Power | Not Required | Power [dBm]: 30 |
| - | 15.247(e) | Power Spectral Density | Not Required | PSD [dBm/3kHz]: 8 |
| - | 15.247(d) | Emissions in Non-restricted Frequency Bands | Not Required | Non-Restricted Bands: > 30 dBc |
| 3.1 | 15.247(d) | Emissions in Restricted Frequency Bands | PASS | Restricted Bands: FCC 15.209 |

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

**Reviewed by: Jackson Tsai**

**Report Producer: Debby Hung**

# 1 General Description

## 1.1 Information

### 1.1.1 RF General Information

| Frequency Range (MHz) | IEEE Std. 802.11 | Ch. Frequency (MHz) | Channel Number |
|---|---|---|---|
| 2400-2483.5 | b, g, n (HT20), ac (VHT20) | 2412-2462 | 1-11 [11] |
| 2400-2483.5 | n (HT40), ac (VHT40) | 2422-2452 | 3-9 [7] |

| Band | Mode | BWch (MHz) | Nant |
|---|---|---|---|
| 2.4-2.4835GHz | 802.11b | 20 | 2TX |
| 2.4-2.4835GHz | 802.11g | 20 | 2TX |
| 2.4-2.4835GHz | 802.11n HT20 | 20 | 2TX |
| 2.4-2.4835GHz | 802.11n HT40 | 40 | 2TX |
| 2.4-2.4835GHz | 802.11ac VHT20 | 20 | 2TX |
| 2.4-2.4835GHz | 802.11ac VHT40 | 40 | 2TX |

Note:
- 11b mode uses a combination of DSSS-DBPSK, DQPSK, CCK modulation.
- 11g, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- BWch is the nominal channel bandwidth.

### 1.1.2 Antenna Information

| Ant. | Brand | Model Name | Antenna Type | Connector |
|---|---|---|---|---|
| 1 | HUBER+SUHNER® | 1399.99.0149 | PCB antenna | Mini i-Pex |
| 2 | HUBER+SUHNER® | 1399.99.0151 | PCB antenna | Mini i-Pex |

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

**For 2.4GHz function:**

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

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

**For BT function:**

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

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

**For 5GHz function:**

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

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

### 1.1.3 EUT Information

| Operational Condition | | | | | |
|---|---|---|---|---|---|
| **EUT Power Type** | From Host system | | | | |
| **EUT Function** | ☒ | Point-to-multipoint | ☒ | Point-to-point | |
| **Beamforming Function** | ☐ | With beamforming | ☒ | Without beamforming | |

| Type of EUT | | |
|---|---|---|
| ☒ | Stand-alone | |
| ☐ | Combined (EUT where the radio part is fully integrated within another device) | |
| | Combined Equipment - Brand Name / Model No.: | … |
| ☐ | Plug-in radio (EUT intended for a variety of host systems) | |
| | Host System - Brand Name / Model No.: | … |
| ☐ | Other: | |

### 1.1.4 Table for Permissive Change

This product is an extension of original one reported under FCC ID :U4FTBII (Grant date: December 28, 2018)..Below is the table for the change of the product with respect to the original one.

| Modifications | Performance Checking |
|---|---|
| Antenna 1 and Antenna 2 was added | Radiated Emissions was evaluated |

## 1.2 Testing Applied Standards

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

- 47 CFR FCC Part 15
- ANSI C63.10-2013
- KDB 558074 D01 v05
- KDB 662911 D01 v02r01

## 1.3 Testing Location Information

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

| Test Condition | Test Site No. | Test Engineer | Test Environment | Test Date |
|---|---|---|---|---|
| Radiated | 03CH03-HY | Justin | 25.3°C / 48% | 15/Jan/2019 |

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

# 2 Test Configuration of EUT

## 2.1 The Worst Case Measurement Configuration

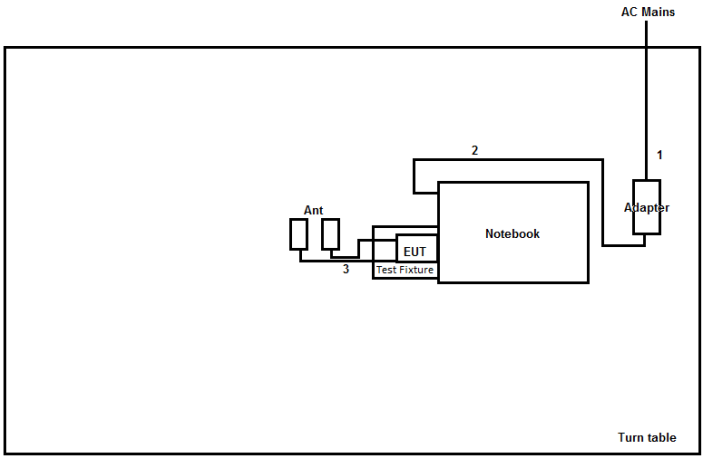
| The Worst Case Mode for Following Conformance Tests | |
|---|---|
| **Tests Item** | Emissions in Restricted Frequency Bands |
| **Test Condition** | Radiated measurement<br>If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration),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

## 2.2 Support Equipment

| Support Equipment – Radiated Emission | | | | |
|---|---|---|---|---|
| **No.** | **Equipment** | **Brand Name** | **Model Name** | **FCC ID** |
| 1 | Notebook | Dell | E4300 | DoC |
| 2 | AC Adapter for NB | Dell | LA90PS1-00 | - |
| 3 | Test Fixture | Sporton | - | - |

## 2.3 Test Setup Diagram

**Test Setup Diagram - Radiated Test**




| Item | Connection | Shielded | Length(m) | Remark |
|---|---|---|---|---|
| 1 | AC Power line | No | 1.5 | - |
| 2 | DC Power line | No | 1.5 | - |
| 3 | Antenna cable | No | 0.1 | - |

# 3 Transmitter Test Result

## 3.1 Emissions in Restricted Frequency Bands

### 3.1.1 Emissions in Restricted Frequency Bands Limit

| Restricted Band Emissions 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.

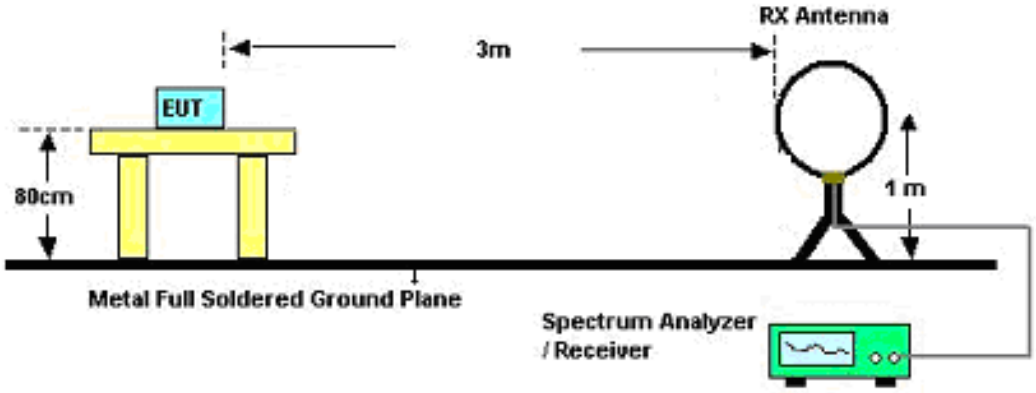
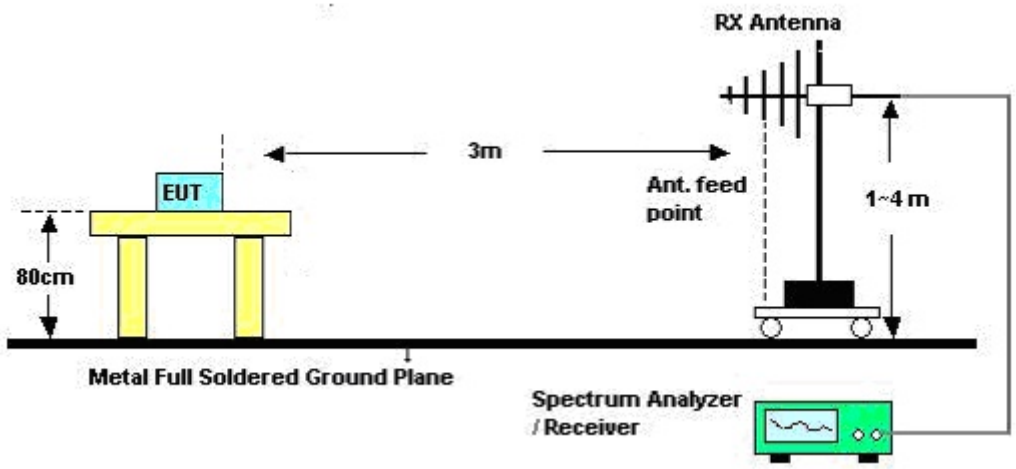
### 3.1.2 Measuring Instruments

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

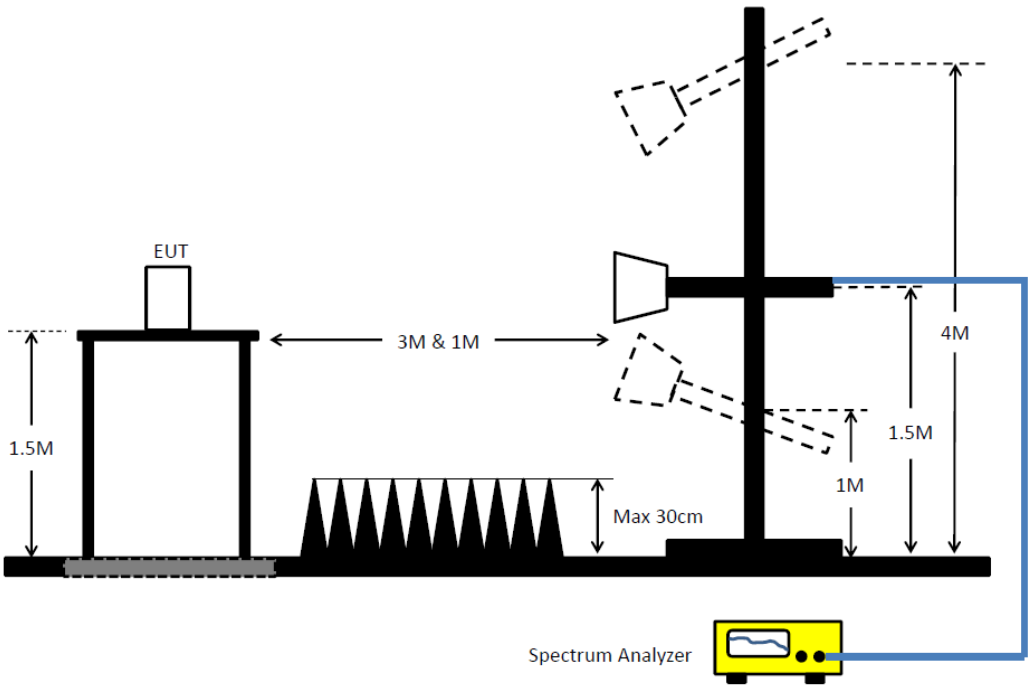
### 3.1.3 Test Procedures

| Test Method | |
|---|---|
| ▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor]. | |
| ▪ Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band. | |
| ▪ For the transmitter unwanted emissions shall be measured using following options below: | |
| | ▪ Refer as KDB 558074, clause 8.6 (11.12 of ANSI C63.10) for restricted frequency bands. |
| ▪ For the transmitter band-edge emissions shall be measured using following options below: | |
| | ▪ Refer as KDB 558074 clause 8.7.1, When the performing peak or average radiated measurements, emissions within 2 MHz of the authorized band edge may be measured using the marker-delta method described below. |
| | ▪ Refer as KDB 558074, clause 8.7.2 (6.10.6 of ANSI C63.10) for marker-delta method for band-edge measurements. |
| | ▪ Refer as KDB 558074, clause 8.7.3 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels (i.e., 1 MHz). |
| ▪ Use the following spectrum analyzer settings: | |
| | ▪ Set RBW=100 kHz for f < 1 GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold. |
| | ▪ Set RBW = 1 MHz, VBW= 3MHz for f ≥ 1 GHz for peak measurement. For average measurement, refer as 1.1.4. |

### 3.1.4 Test Setup

| Emissions in Restricted Frequency Bands |
|---|
| 9kHz ~30MHz |
|  |
| 30MHz~1GHz |
|  |

**Above 1GHz**




### 3.1.5 Test Result of Emissions in Restricted Frequency Bands (Below 30MHz)

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

### 3.1.6 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix A

# 4 Test Equipment and Calibration Data

**Instrument for Radiated Test**

| Instrument | Manufacturer | Model No. | Serial No. | Spec. | Calibration Date | Calibration Due Date |
|---|---|---|---|---|---|---|
| 3m Semi Anechoic Chamber | SIDT FRANKONIA | SAC-3M | 03CH03-HY | 30MHz ~ 1GHz 3m | 30/Oct/2018 | 29/Oct/2019 |
| 3m Semi Anechoic Chamber | SIDT FRANKONIA | SAC-3M | 03CH03-HY | 1GHz ~ 18GHz 3m | 30/Oct/2018 | 29/Oct/2019 |
| Amplifier | HP | 8447D | 2944A08033 | 10kHz ~ 1.3GHz | 23/Apr/2018 | 19/Apr/2019 |
| EMI Test Receiver | R&S | ESR3 | 102052 | 9kHz ~ 3.6GHz | 10/Apr/2018 | 09/Apr/2019 |
| Bilog Antenna with 5dB Pad | ETS | 3142B & MTJ6102-05 | 00022055 | 26 MHz - 3 GHz | 19/Nov/2018 | 18/Nov/2019 |
| Microwave System Preamplifier | KEYSIGHT | 83017A | MY53270196 | 1GHz ~ 26.5GHz | 05/Sep/2018 | 04/Sep/2019 |
| Signal Analyzer | R&S | FSV40 | 101500 | 10Hz ~ 40GHz | 18/Jul/2018 | 17/Jul/2019 |
| RF Cable-R03m | Jye Bao | RG142 | CB021 | 9kHz ~ 1GHz | 29/Jan/2018 | 28/Jan/2019 |
| RF Cable-high | SUHNER | SUCOFLEX 106 | CB222 | 1GHz ~ 40GHz | 29/Jan/2018 | 28/Jan/2019 |
| Broadband Horn Antenna | SCHWARZBECK | BBHA 9170 | BBHA 9170154 | 18GHz ~ 40GHz | 06/Feb/ 2018 | 05/Feb/2019 |
| Double Ridged Guide Horn Antenna | SCHWARZBECK | BBHA 9120 D | BBHA 9120 D 1531 | 1GHz ~ 18GHz | 18/Apr/ 2018 | 17/Apr/2019 |
| Preamplifier | MITEQ | TTA1840-35-HG | 1864481 | 18GHz ~ 40GHz | 24/Aug/2018 | 23/Aug/2019 |

**Summary**

| Mode | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2.4-2.4835GHz | - | - | - | - | - | - | - | - | - | - | - | - |
| 802.11b_Nss1,(1Mbps)_2TX | Pass | AV | 4.924G | 52.79 | 54.00 | -1.21 | 6.09 | 3 | Vertical | 285 | 1.05 | - |
| 802.11g_Nss1,(6Mbps)_2TX | Pass | AV | 2.4838G | 53.32 | 54.00 | -0.68 | 30.69 | 3 | Vertical | 296 | 1.18 | - |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | Pass | AV | 2.4835G | 53.68 | 54.00 | -0.32 | 30.69 | 3 | Vertical | 217 | 1.22 | - |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | Pass | AV | 2.4835G | 53.80 | 54.00 | -0.20 | 30.69 | 3 | Vertical | 181 | 1.35 | - |

## Result

| Mode | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 802.11b_Nss1,(1Mbps)_2TX | - | - | - | - | - | - | - | - | - | - | - | - |
| 2412MHz | Pass | AV | 2.3826G | 46.82 | 54.00 | -7.18 | 30.35 | 3 | Vertical | 197 | 1.01 | - |
| 2412MHz | Pass | AV | 2.4128G | 103.32 | Inf | -Inf | 30.45 | 3 | Vertical | 197 | 1.01 | - |
| 2412MHz | Pass | PK | 2.3862G | 58.15 | 74.00 | -15.85 | 30.37 | 3 | Vertical | 197 | 1.01 | - |
| 2412MHz | Pass | PK | 2.4128G | 106.28 | Inf | -Inf | 30.45 | 3 | Vertical | 197 | 1.01 | - |
| 2412MHz | Pass | AV | 2.39G | 45.85 | 54.00 | -8.15 | 30.38 | 3 | Horizontal | 297 | 1.50 | - |
| 2412MHz | Pass | AV | 2.4128G | 101.29 | Inf | -Inf | 30.45 | 3 | Horizontal | 297 | 1.50 | - |
| 2412MHz | Pass | PK | 2.3866G | 57.63 | 74.00 | -16.37 | 30.37 | 3 | Horizontal | 297 | 1.50 | - |
| 2412MHz | Pass | PK | 2.4128G | 103.71 | Inf | -Inf | 30.45 | 3 | Horizontal | 297 | 1.50 | - |
| 2412MHz | Pass | AV | 4.82394G | 47.70 | 54.00 | -6.30 | 5.89 | 3 | Vertical | 317 | 2.52 | - |
| 2412MHz | Pass | PK | 4.82394G | 51.17 | 74.00 | -22.83 | 5.89 | 3 | Vertical | 317 | 2.52 | - |
| 2412MHz | Pass | AV | 4.82397G | 45.02 | 54.00 | -8.98 | 5.89 | 3 | Horizontal | 345 | 2.79 | - |
| 2412MHz | Pass | PK | 4.82418G | 49.83 | 74.00 | -24.17 | 5.89 | 3 | Horizontal | 345 | 2.79 | - |
| 2437MHz | Pass | AV | 2.3898G | 45.85 | 54.00 | -8.15 | 30.38 | 3 | Vertical | 196 | 1.33 | - |
| 2437MHz | Pass | AV | 2.4382G | 105.72 | Inf | -Inf | 30.54 | 3 | Vertical | 196 | 1.33 | - |
| 2437MHz | Pass | AV | 2.4854G | 47.45 | 54.00 | -6.55 | 30.70 | 3 | Vertical | 196 | 1.33 | - |
| 2437MHz | Pass | PK | 2.3662G | 57.67 | 74.00 | -16.33 | 30.30 | 3 | Vertical | 196 | 1.33 | - |
| 2437MHz | Pass | PK | 2.4378G | 108.30 | Inf | -Inf | 30.54 | 3 | Vertical | 196 | 1.33 | - |
| 2437MHz | Pass | PK | 2.4878G | 58.74 | 74.00 | -15.26 | 30.71 | 3 | Vertical | 196 | 1.33 | - |
| 2437MHz | Pass | AV | 2.389G | 45.55 | 54.00 | -8.45 | 30.37 | 3 | Horizontal | 100 | 1.06 | - |
| 2437MHz | Pass | AV | 2.439G | 100.97 | Inf | -Inf | 30.54 | 3 | Horizontal | 100 | 1.06 | - |
| 2437MHz | Pass | AV | 2.4862G | 46.64 | 54.00 | -7.36 | 30.71 | 3 | Horizontal | 100 | 1.06 | - |
| 2437MHz | Pass | PK | 2.371G | 57.27 | 74.00 | -16.73 | 30.31 | 3 | Horizontal | 100 | 1.06 | - |
| 2437MHz | Pass | PK | 2.4378G | 103.91 | Inf | -Inf | 30.54 | 3 | Horizontal | 100 | 1.06 | - |
| 2437MHz | Pass | PK | 2.4982G | 58.58 | 74.00 | -15.42 | 30.75 | 3 | Horizontal | 100 | 1.06 | - |
| 2437MHz | Pass | AV | 4.87394G | 51.49 | 54.00 | -2.51 | 6.00 | 3 | Vertical | 285 | 1.11 | - |
| 2437MHz | Pass | PK | 4.87393G | 54.66 | 74.00 | -19.34 | 6.00 | 3 | Vertical | 285 | 1.11 | - |
| 2437MHz | Pass | AV | 4.87399G | 47.66 | 54.00 | -6.34 | 6.00 | 3 | Horizontal | 338 | 1.03 | - |
| 2437MHz | Pass | PK | 4.8739G | 51.59 | 74.00 | -22.41 | 6.00 | 3 | Horizontal | 338 | 1.03 | - |
| 2462MHz | Pass | AV | 2.4632G | 105.74 | Inf | -Inf | 30.62 | 3 | Vertical | 283 | 1.09 | - |
| 2462MHz | Pass | AV | 2.4835G | 50.51 | 54.00 | -3.49 | 30.69 | 3 | Vertical | 283 | 1.09 | - |
| 2462MHz | Pass | PK | 2.4628G | 108.58 | Inf | -Inf | 30.62 | 3 | Vertical | 283 | 1.09 | - |
| 2462MHz | Pass | PK | 2.4836G | 60.83 | 74.00 | -13.17 | 30.69 | 3 | Vertical | 283 | 1.09 | - |
| 2462MHz | Pass | AV | 2.4628G | 101.24 | Inf | -Inf | 30.62 | 3 | Horizontal | 306 | 1.50 | - |
| 2462MHz | Pass | AV | 2.4835G | 48.67 | 54.00 | -5.33 | 30.69 | 3 | Horizontal | 306 | 1.50 | - |
| 2462MHz | Pass | PK | 2.463G | 103.57 | Inf | -Inf | 30.62 | 3 | Horizontal | 306 | 1.50 | - |
| 2462MHz | Pass | PK | 2.4858G | 59.07 | 74.00 | -14.93 | 30.71 | 3 | Horizontal | 306 | 1.50 | - |
| 2462MHz | Pass | AV | 4.924G | 52.79 | 54.00 | -1.21 | 6.09 | 3 | Vertical | 285 | 1.05 | - |
| 2462MHz | Pass | PK | 4.924G | 55.50 | 74.00 | -18.50 | 6.09 | 3 | Vertical | 285 | 1.05 | - |
| 2462MHz | Pass | AV | 4.92396G | 47.37 | 54.00 | -6.63 | 6.09 | 3 | Horizontal | 338 | 1.25 | - |
| 2462MHz | Pass | PK | 4.92399G | 51.22 | 74.00 | -22.78 | 6.09 | 3 | Horizontal | 338 | 1.25 | - |
| 2467MHz | Pass | AV | 2.4676G | 101.99 | Inf | -Inf | 30.64 | 3 | Vertical | 198 | 1.18 | - |
| 2467MHz | Pass | AV | 2.4835G | 47.70 | 54.00 | -6.30 | 30.69 | 3 | Vertical | 198 | 1.18 | - |
| 2467MHz | Pass | PK | 2.4678G | 104.55 | Inf | -Inf | 30.64 | 3 | Vertical | 198 | 1.18 | - |
| 2467MHz | Pass | PK | 2.4968G | 59.04 | 74.00 | -14.96 | 30.74 | 3 | Vertical | 198 | 1.18 | - |
| 2467MHz | Pass | AV | 2.4664G | 97.57 | Inf | -Inf | 30.64 | 3 | Horizontal | 300 | 1.50 | - |
| 2467MHz | Pass | AV | 2.498G | 46.68 | 54.00 | -7.32 | 30.75 | 3 | Horizontal | 300 | 1.50 | - |
| 2467MHz | Pass | PK | 2.4678G | 99.98 | Inf | -Inf | 30.64 | 3 | Horizontal | 300 | 1.50 | - |

| Mode | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2467MHz | Pass | PK | 2.4835G | 58.22 | 74.00 | -15.78 | 30.69 | 3 | Horizontal | 300 | 1.50 | - |
| 2467MHz | Pass | AV | 4.93395G | 48.48 | 54.00 | -5.52 | 6.12 | 3 | Vertical | 317 | 2.78 | - |
| 2467MHz | Pass | PK | 4.934G | 52.56 | 74.00 | -21.44 | 6.12 | 3 | Vertical | 317 | 2.78 | - |
| 2467MHz | Pass | AV | 4.93396G | 42.74 | 54.00 | -11.26 | 6.12 | 3 | Horizontal | 338 | 1.00 | - |
| 2467MHz | Pass | PK | 4.93396G | 48.96 | 74.00 | -25.04 | 6.12 | 3 | Horizontal | 338 | 1.00 | - |
| 2472MHz | Pass | AV | 2.4726G | 96.90 | Inf | -Inf | 30.65 | 3 | Vertical | 285 | 1.50 | - |
| 2472MHz | Pass | AV | 2.4835G | 48.89 | 54.00 | -5.11 | 30.69 | 3 | Vertical | 285 | 1.50 | - |
| 2472MHz | Pass | PK | 2.4728G | 100.41 | Inf | -Inf | 30.65 | 3 | Vertical | 285 | 1.50 | - |
| 2472MHz | Pass | PK | 2.4835G | 59.37 | 74.00 | -14.63 | 30.69 | 3 | Vertical | 285 | 1.50 | - |
| 2472MHz | Pass | AV | 2.4712G | 94.40 | Inf | -Inf | 30.65 | 3 | Horizontal | 291 | 1.50 | - |
| 2472MHz | Pass | AV | 2.4835G | 46.90 | 54.00 | -7.10 | 30.69 | 3 | Horizontal | 291 | 1.50 | - |
| 2472MHz | Pass | PK | 2.471G | 96.67 | Inf | -Inf | 30.65 | 3 | Horizontal | 291 | 1.50 | - |
| 2472MHz | Pass | PK | 2.4986G | 58.43 | 74.00 | -15.57 | 30.75 | 3 | Horizontal | 291 | 1.50 | - |
| 2472MHz | Pass | AV | 4.94396G | 41.74 | 54.00 | -12.26 | 6.13 | 3 | Vertical | 292 | 1.19 | - |
| 2472MHz | Pass | PK | 4.94396G | 48.87 | 74.00 | -25.13 | 6.13 | 3 | Vertical | 292 | 1.19 | - |
| 2472MHz | Pass | PK | 4.94364G | 46.18 | 74.00 | -27.82 | 6.13 | 3 | Horizontal | 0 | 1.49 | - |
| 2472MHz | Pass | AV | 4.94396G | 36.13 | 54.00 | -17.87 | 6.13 | 3 | Horizontal | 0 | 1.49 | - |
| 802.11g_Nss1,(6Mbps)_2TX | - | - | - | - | - | - | - | - | - | - | - | - |
| 2412MHz | Pass | AV | 2.3898G | 47.84 | 54.00 | -6.16 | 30.38 | 3 | Vertical | 201 | 1.20 | - |
| 2412MHz | Pass | AV | 2.4146G | 98.24 | Inf | -Inf | 30.46 | 3 | Vertical | 201 | 1.20 | - |
| 2412MHz | Pass | PK | 2.3894G | 59.27 | 74.00 | -14.73 | 30.37 | 3 | Vertical | 201 | 1.20 | - |
| 2412MHz | Pass | PK | 2.4146G | 106.34 | Inf | -Inf | 30.46 | 3 | Vertical | 201 | 1.20 | - |
| 2412MHz | Pass | AV | 2.3896G | 46.90 | 54.00 | -7.10 | 30.38 | 3 | Horizontal | 300 | 1.21 | - |
| 2412MHz | Pass | AV | 2.4144G | 95.57 | Inf | -Inf | 30.45 | 3 | Horizontal | 300 | 1.21 | - |
| 2412MHz | Pass | PK | 2.3818G | 57.79 | 74.00 | -16.21 | 30.35 | 3 | Horizontal | 300 | 1.21 | - |
| 2412MHz | Pass | PK | 2.415G | 103.44 | Inf | -Inf | 30.47 | 3 | Horizontal | 300 | 1.21 | - |
| 2412MHz | Pass | AV | 4.824G | 41.95 | 54.00 | -12.05 | 5.89 | 3 | Vertical | 286 | 1.09 | - |
| 2412MHz | Pass | PK | 4.82352G | 52.63 | 74.00 | -21.37 | 5.89 | 3 | Vertical | 286 | 1.09 | - |
| 2412MHz | Pass | AV | 4.82394G | 37.10 | 54.00 | -16.90 | 5.89 | 3 | Horizontal | 337 | 1.03 | - |
| 2412MHz | Pass | PK | 4.82472G | 48.50 | 74.00 | -25.50 | 5.89 | 3 | Horizontal | 337 | 1.03 | - |
| 2437MHz | Pass | AV | 2.3898G | 46.65 | 54.00 | -7.35 | 30.38 | 3 | Vertical | 287 | 1.00 | - |
| 2437MHz | Pass | AV | 2.4386G | 102.70 | Inf | -Inf | 30.54 | 3 | Vertical | 287 | 1.00 | - |
| 2437MHz | Pass | AV | 2.4846G | 48.66 | 54.00 | -5.34 | 30.69 | 3 | Vertical | 287 | 1.00 | - |
| 2437MHz | Pass | PK | 2.3798G | 58.17 | 74.00 | -15.83 | 30.34 | 3 | Vertical | 287 | 1.00 | - |
| 2437MHz | Pass | PK | 2.439G | 110.37 | Inf | -Inf | 30.54 | 3 | Vertical | 287 | 1.00 | - |
| 2437MHz | Pass | PK | 2.4946G | 59.42 | 74.00 | -14.58 | 30.73 | 3 | Vertical | 287 | 1.00 | - |
| 2437MHz | Pass | AV | 2.3866G | 46.35 | 54.00 | -7.65 | 30.37 | 3 | Horizontal | 318 | 1.11 | - |
| 2437MHz | Pass | AV | 2.4378G | 97.70 | Inf | -Inf | 30.54 | 3 | Horizontal | 318 | 1.11 | - |
| 2437MHz | Pass | AV | 2.4926G | 47.47 | 54.00 | -6.53 | 30.72 | 3 | Horizontal | 318 | 1.11 | - |
| 2437MHz | Pass | PK | 2.3562G | 57.25 | 74.00 | -16.75 | 30.26 | 3 | Horizontal | 318 | 1.11 | - |
| 2437MHz | Pass | PK | 2.4402G | 105.48 | Inf | -Inf | 30.55 | 3 | Horizontal | 318 | 1.11 | - |
| 2437MHz | Pass | PK | 2.4886G | 58.10 | 74.00 | -15.90 | 30.71 | 3 | Horizontal | 318 | 1.11 | - |
| 2437MHz | Pass | AV | 4.87406G | 46.47 | 54.00 | -7.53 | 6.00 | 3 | Vertical | 284 | 1.03 | - |
| 2437MHz | Pass | PK | 4.8746G | 57.43 | 74.00 | -16.57 | 6.00 | 3 | Vertical | 284 | 1.03 | - |
| 2437MHz | Pass | AV | 4.87404G | 41.01 | 54.00 | -12.99 | 6.00 | 3 | Horizontal | 338 | 1.04 | - |
| 2437MHz | Pass | PK | 4.8746G | 52.23 | 74.00 | -21.77 | 6.00 | 3 | Horizontal | 338 | 1.04 | - |
| 2462MHz | Pass | AV | 2.4636G | 99.29 | Inf | -Inf | 30.62 | 3 | Vertical | 295 | 1.22 | - |
| 2462MHz | Pass | AV | 2.4836G | 52.91 | 54.00 | -1.09 | 30.69 | 3 | Vertical | 295 | 1.22 | - |
| 2462MHz | Pass | PK | 2.4586G | 107.30 | Inf | -Inf | 30.61 | 3 | Vertical | 295 | 1.22 | - |

| Mode | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2462MHz | Pass | PK | 2.4835G | 63.76 | 74.00 | -10.24 | 30.69 | 3 | Vertical | 295 | 1.22 | - |
| 2462MHz | Pass | AV | 2.4594G | 95.23 | Inf | -Inf | 30.61 | 3 | Horizontal | 292 | 1.18 | - |
| 2462MHz | Pass | AV | 2.4836G | 49.32 | 54.00 | -4.68 | 30.69 | 3 | Horizontal | 292 | 1.18 | - |
| 2462MHz | Pass | PK | 2.4594G | 103.76 | Inf | -Inf | 30.61 | 3 | Horizontal | 292 | 1.18 | - |
| 2462MHz | Pass | PK | 2.4842G | 59.99 | 74.00 | -14.01 | 30.69 | 3 | Horizontal | 292 | 1.18 | - |
| 2462MHz | Pass | AV | 4.924G | 39.99 | 54.00 | -14.01 | 6.09 | 3 | Vertical | 322 | 2.53 | - |
| 2462MHz | Pass | PK | 4.91854G | 51.11 | 74.00 | -22.89 | 6.09 | 3 | Vertical | 322 | 2.53 | - |
| 2462MHz | Pass | AV | 4.92442G | 35.78 | 54.00 | -18.22 | 6.09 | 3 | Horizontal | 338 | 1.14 | - |
| 2462MHz | Pass | PK | 4.92022G | 46.93 | 74.00 | -27.07 | 6.09 | 3 | Horizontal | 338 | 1.14 | - |
| 2467MHz | Pass | AV | 2.471G | 96.70 | Inf | -Inf | 30.65 | 3 | Vertical | 296 | 1.18 | - |
| 2467MHz | Pass | AV | 2.4838G | 53.32 | 54.00 | -0.68 | 30.69 | 3 | Vertical | 296 | 1.18 | - |
| 2467MHz | Pass | PK | 2.4636G | 104.30 | Inf | -Inf | 30.62 | 3 | Vertical | 296 | 1.18 | - |
| 2467MHz | Pass | PK | 2.4842G | 65.11 | 74.00 | -8.89 | 30.69 | 3 | Vertical | 296 | 1.18 | - |
| 2467MHz | Pass | AV | 2.4694G | 92.34 | Inf | -Inf | 30.65 | 3 | Horizontal | 291 | 1.06 | - |
| 2467MHz | Pass | AV | 2.4842G | 49.53 | 54.00 | -4.47 | 30.69 | 3 | Horizontal | 291 | 1.06 | - |
| 2467MHz | Pass | PK | 2.4698G | 100.42 | Inf | -Inf | 30.65 | 3 | Horizontal | 291 | 1.06 | - |
| 2467MHz | Pass | PK | 2.4835G | 61.45 | 74.00 | -12.55 | 30.69 | 3 | Horizontal | 291 | 1.06 | - |
| 2467MHz | Pass | AV | 4.93388G | 37.40 | 54.00 | -16.60 | 6.12 | 3 | Vertical | 358 | 2.57 | - |
| 2467MHz | Pass | PK | 4.934G | 46.47 | 74.00 | -27.53 | 6.12 | 3 | Vertical | 358 | 2.57 | - |
| 2467MHz | Pass | AV | 4.93408G | 34.09 | 54.00 | -19.91 | 6.12 | 3 | Horizontal | 358 | 1.50 | - |
| 2467MHz | Pass | PK | 4.93389G | 45.68 | 74.00 | -28.32 | 6.12 | 3 | Horizontal | 358 | 1.50 | - |
| 2472MHz | Pass | AV | 2.474G | 87.46 | Inf | -Inf | 30.66 | 3 | Vertical | 279 | 1.16 | - |
| 2472MHz | Pass | AV | 2.4835G | 51.21 | 54.00 | -2.79 | 30.69 | 3 | Vertical | 279 | 1.16 | - |
| 2472MHz | Pass | PK | 2.474G | 95.47 | Inf | -Inf | 30.66 | 3 | Vertical | 279 | 1.16 | - |
| 2472MHz | Pass | PK | 2.4842G | 63.88 | 74.00 | -10.12 | 30.69 | 3 | Vertical | 279 | 1.16 | - |
| 2472MHz | Pass | AV | 2.4732G | 83.11 | Inf | -Inf | 30.66 | 3 | Horizontal | 318 | 1.07 | - |
| 2472MHz | Pass | AV | 2.4835G | 48.88 | 54.00 | -5.12 | 30.69 | 3 | Horizontal | 318 | 1.07 | - |
| 2472MHz | Pass | PK | 2.4686G | 90.88 | Inf | -Inf | 30.64 | 3 | Horizontal | 318 | 1.07 | - |
| 2472MHz | Pass | PK | 2.4836G | 59.25 | 74.00 | -14.75 | 30.69 | 3 | Horizontal | 318 | 1.07 | - |
| 2472MHz | Pass | AV | 4.944G | 35.53 | 54.00 | -18.47 | 6.13 | 3 | Vertical | 360 | 2.48 | - |
| 2472MHz | Pass | PK | 4.944G | 45.84 | 74.00 | -28.16 | 6.13 | 3 | Vertical | 360 | 2.48 | - |
| 2472MHz | Pass | AV | 4.94398G | 33.55 | 54.00 | -20.45 | 6.13 | 3 | Horizontal | 107 | 1.50 | - |
| 2472MHz | Pass | PK | 4.9437G | 45.52 | 74.00 | -28.48 | 6.13 | 3 | Horizontal | 107 | 1.50 | - |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | - | - | - | - | - | - | - | - | - | - | - | - |
| 2412MHz | Pass | AV | 2.3896G | 47.93 | 54.00 | -6.07 | 30.38 | 3 | Vertical | 161 | 1.23 | - |
| 2412MHz | Pass | AV | 2.415G | 98.36 | Inf | -Inf | 30.47 | 3 | Vertical | 161 | 1.23 | - |
| 2412MHz | Pass | PK | 2.3888G | 59.75 | 74.00 | -14.25 | 30.37 | 3 | Vertical | 161 | 1.23 | - |
| 2412MHz | Pass | PK | 2.416G | 106.45 | Inf | -Inf | 30.47 | 3 | Vertical | 161 | 1.23 | - |
| 2412MHz | Pass | AV | 2.39G | 47.00 | 54.00 | -7.00 | 30.38 | 3 | Horizontal | 316 | 1.59 | - |
| 2412MHz | Pass | AV | 2.415G | 95.25 | Inf | -Inf | 30.47 | 3 | Horizontal | 316 | 1.59 | - |
| 2412MHz | Pass | PK | 2.3828G | 58.21 | 74.00 | -15.79 | 30.35 | 3 | Horizontal | 316 | 1.59 | - |
| 2412MHz | Pass | PK | 2.4158G | 103.63 | Inf | -Inf | 30.47 | 3 | Horizontal | 316 | 1.59 | - |
| 2412MHz | Pass | AV | 4.8238G | 38.92 | 54.00 | -15.08 | 5.89 | 3 | Vertical | 153 | 1.08 | - |
| 2412MHz | Pass | PK | 4.8218G | 52.51 | 74.00 | -21.49 | 5.89 | 3 | Vertical | 153 | 1.08 | - |
| 2412MHz | Pass | AV | 4.8238G | 36.18 | 54.00 | -17.82 | 5.89 | 3 | Horizontal | 7 | 1.20 | - |
| 2412MHz | Pass | PK | 4.8223G | 49.27 | 74.00 | -24.73 | 5.89 | 3 | Horizontal | 7 | 1.20 | - |
| 2437MHz | Pass | AV | 2.3898G | 46.74 | 54.00 | -7.26 | 30.38 | 3 | Vertical | 195 | 1.38 | - |
| 2437MHz | Pass | AV | 2.4394G | 101.85 | Inf | -Inf | 30.54 | 3 | Vertical | 195 | 1.38 | - |
| 2437MHz | Pass | AV | 2.4838G | 48.28 | 54.00 | -5.72 | 30.69 | 3 | Vertical | 195 | 1.38 | - |

| Mode | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2437MHz | Pass | PK | 2.3898G | 58.49 | 74.00 | -15.51 | 30.38 | 3 | Vertical | 195 | 1.38 | - |
| 2437MHz | Pass | PK | 2.4394G | 109.80 | Inf | -Inf | 30.54 | 3 | Vertical | 195 | 1.38 | - |
| 2437MHz | Pass | PK | 2.4838G | 59.15 | 74.00 | -14.85 | 30.69 | 3 | Vertical | 195 | 1.38 | - |
| 2437MHz | Pass | AV | 2.3898G | 46.22 | 54.00 | -7.78 | 30.38 | 3 | Horizontal | 317 | 1.17 | - |
| 2437MHz | Pass | AV | 2.4398G | 98.92 | Inf | -Inf | 30.55 | 3 | Horizontal | 317 | 1.17 | - |
| 2437MHz | Pass | AV | 2.4858G | 47.55 | 54.00 | -6.45 | 30.71 | 3 | Horizontal | 317 | 1.17 | - |
| 2437MHz | Pass | PK | 2.3842G | 58.16 | 74.00 | -15.84 | 30.36 | 3 | Horizontal | 317 | 1.17 | - |
| 2437MHz | Pass | PK | 2.4406G | 106.97 | Inf | -Inf | 30.55 | 3 | Horizontal | 317 | 1.17 | - |
| 2437MHz | Pass | PK | 2.4858G | 58.48 | 74.00 | -15.52 | 30.71 | 3 | Horizontal | 317 | 1.17 | - |
| 2437MHz | Pass | AV | 4.87376G | 45.80 | 54.00 | -8.20 | 6.00 | 3 | Vertical | 151 | 1.08 | - |
| 2437MHz | Pass | AV | 7.31814G | 39.22 | 54.00 | -14.78 | 11.25 | 3 | Vertical | 15 | 1.62 | - |
| 2437MHz | Pass | PK | 4.87208G | 59.56 | 74.00 | -14.44 | 6.00 | 3 | Vertical | 151 | 1.08 | - |
| 2437MHz | Pass | PK | 7.31844G | 51.80 | 74.00 | -22.20 | 11.25 | 3 | Vertical | 15 | 1.62 | - |
| 2437MHz | Pass | AV | 4.87268G | 41.39 | 54.00 | -12.61 | 6.00 | 3 | Horizontal | 0 | 1.00 | - |
| 2437MHz | Pass | AV | 7.31046G | 39.36 | 54.00 | -14.64 | 11.22 | 3 | Horizontal | 360 | 1.49 | - |
| 2437MHz | Pass | PK | 4.87184G | 54.90 | 74.00 | -19.10 | 6.00 | 3 | Horizontal | 0 | 1.00 | - |
| 2437MHz | Pass | PK | 7.30296G | 51.24 | 74.00 | -22.76 | 11.20 | 3 | Horizontal | 360 | 1.49 | - |
| 2462MHz | Pass | AV | 2.4606G | 98.82 | Inf | -Inf | 30.62 | 3 | Vertical | 217 | 1.30 | - |
| 2462MHz | Pass | AV | 2.4835G | 53.28 | 54.00 | -0.72 | 30.69 | 3 | Vertical | 217 | 1.30 | - |
| 2462MHz | Pass | PK | 2.4636G | 107.42 | Inf | -Inf | 30.62 | 3 | Vertical | 217 | 1.30 | - |
| 2462MHz | Pass | PK | 2.4835G | 65.92 | 74.00 | -8.08 | 30.69 | 3 | Vertical | 217 | 1.30 | - |
| 2462MHz | Pass | AV | 2.4588G | 95.13 | Inf | -Inf | 30.61 | 3 | Horizontal | 314 | 1.58 | - |
| 2462MHz | Pass | AV | 2.4835G | 50.78 | 54.00 | -3.22 | 30.69 | 3 | Horizontal | 314 | 1.58 | - |
| 2462MHz | Pass | PK | 2.4582G | 103.89 | Inf | -Inf | 30.61 | 3 | Horizontal | 314 | 1.58 | - |
| 2462MHz | Pass | PK | 2.4836G | 62.08 | 74.00 | -11.92 | 30.69 | 3 | Horizontal | 314 | 1.58 | - |
| 2462MHz | Pass | AV | 4.92382G | 37.32 | 54.00 | -16.68 | 6.09 | 3 | Vertical | 152 | 1.01 | - |
| 2462MHz | Pass | AV | 7.37592G | 38.97 | 54.00 | -15.03 | 11.40 | 3 | Vertical | 20 | 1.48 | - |
| 2462MHz | Pass | PK | 4.92214G | 50.60 | 74.00 | -23.40 | 6.09 | 3 | Vertical | 152 | 1.01 | - |
| 2462MHz | Pass | PK | 7.38234G | 51.05 | 74.00 | -22.95 | 11.40 | 3 | Vertical | 20 | 1.48 | - |
| 2462MHz | Pass | AV | 4.9234G | 35.52 | 54.00 | -18.48 | 6.09 | 3 | Horizontal | 0 | 1.04 | - |
| 2462MHz | Pass | AV | 7.3794G | 38.94 | 54.00 | -15.06 | 11.41 | 3 | Horizontal | 352 | 1.44 | - |
| 2462MHz | Pass | PK | 4.92412G | 48.09 | 74.00 | -25.91 | 6.09 | 3 | Horizontal | 0 | 1.04 | - |
| 2462MHz | Pass | PK | 7.37178G | 50.47 | 74.00 | -23.53 | 11.38 | 3 | Horizontal | 352 | 1.44 | - |
| 2467MHz | Pass | AV | 2.4684G | 96.82 | Inf | -Inf | 30.64 | 3 | Vertical | 217 | 1.22 | - |
| 2467MHz | Pass | AV | 2.4835G | 53.68 | 54.00 | -0.32 | 30.69 | 3 | Vertical | 217 | 1.22 | - |
| 2467MHz | Pass | PK | 2.4686G | 104.85 | Inf | -Inf | 30.64 | 3 | Vertical | 217 | 1.22 | - |
| 2467MHz | Pass | PK | 2.4846G | 65.59 | 74.00 | -8.41 | 30.69 | 3 | Vertical | 217 | 1.22 | - |
| 2467MHz | Pass | AV | 2.4702G | 93.21 | Inf | -Inf | 30.65 | 3 | Horizontal | 317 | 1.17 | - |
| 2467MHz | Pass | AV | 2.4835G | 51.97 | 54.00 | -2.03 | 30.69 | 3 | Horizontal | 317 | 1.17 | - |
| 2467MHz | Pass | PK | 2.471G | 101.62 | Inf | -Inf | 30.65 | 3 | Horizontal | 317 | 1.17 | - |
| 2467MHz | Pass | PK | 2.4835G | 64.55 | 74.00 | -9.45 | 30.69 | 3 | Horizontal | 317 | 1.17 | - |
| 2467MHz | Pass | AV | 4.93388G | 36.03 | 54.00 | -17.97 | 6.12 | 3 | Vertical | 194 | 1.15 | - |
| 2467MHz | Pass | PK | 4.93742G | 48.04 | 74.00 | -25.96 | 6.12 | 3 | Vertical | 194 | 1.15 | - |
| 2467MHz | Pass | AV | 4.93388G | 34.18 | 54.00 | -19.82 | 6.12 | 3 | Horizontal | 2 | 1.50 | - |
| 2467MHz | Pass | PK | 4.93238G | 46.89 | 74.00 | -27.11 | 6.12 | 3 | Horizontal | 2 | 1.50 | - |
| 2472MHz | Pass | AV | 2.469G | 81.70 | Inf | -Inf | 30.65 | 3 | Vertical | 313 | 1.13 | - |
| 2472MHz | Pass | AV | 2.4835G | 48.52 | 54.00 | -5.48 | 30.69 | 3 | Vertical | 313 | 1.13 | - |
| 2472MHz | Pass | PK | 2.4682G | 90.38 | Inf | -Inf | 30.64 | 3 | Vertical | 313 | 1.13 | - |
| 2472MHz | Pass | PK | 2.4836G | 60.43 | 74.00 | -13.57 | 30.69 | 3 | Vertical | 313 | 1.13 | - |

| Mode | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2472MHz | Pass | AV | 2.4688G | 81.95 | Inf | -Inf | 30.65 | 3 | Horizontal | 314 | 1.16 | - |
| 2472MHz | Pass | AV | 2.4835G | 48.52 | 54.00 | -5.48 | 30.69 | 3 | Horizontal | 314 | 1.16 | - |
| 2472MHz | Pass | PK | 2.4682G | 90.64 | Inf | -Inf | 30.64 | 3 | Horizontal | 314 | 1.16 | - |
| 2472MHz | Pass | PK | 2.4835G | 61.55 | 74.00 | -12.45 | 30.69 | 3 | Horizontal | 314 | 1.16 | - |
| 2472MHz | Pass | AV | 4.94382G | 33.76 | 54.00 | -20.24 | 6.13 | 3 | Vertical | 143 | 2.40 | - |
| 2472MHz | Pass | AV | 7.40634G | 38.63 | 54.00 | -15.37 | 11.48 | 3 | Vertical | 43 | 1.50 | - |
| 2472MHz | Pass | PK | 4.93896G | 45.90 | 74.00 | -28.10 | 6.12 | 3 | Vertical | 143 | 2.40 | - |
| 2472MHz | Pass | PK | 7.43094G | 51.02 | 74.00 | -22.98 | 11.55 | 3 | Vertical | 43 | 1.50 | - |
| 2472MHz | Pass | AV | 4.95666G | 33.60 | 54.00 | -20.40 | 6.17 | 3 | Horizontal | 46 | 1.50 | - |
| 2472MHz | Pass | AV | 7.42716G | 38.70 | 54.00 | -15.30 | 11.53 | 3 | Horizontal | 0 | 1.50 | - |
| 2472MHz | Pass | PK | 4.9383G | 45.58 | 74.00 | -28.42 | 6.12 | 3 | Horizontal | 46 | 1.50 | - |
| 2472MHz | Pass | PK | 7.40592G | 50.83 | 74.00 | -23.17 | 11.49 | 3 | Horizontal | 0 | 1.50 | - |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | - | - | - | - | - | - | - | - | - | - | - | - |
| 2422MHz | Pass | AV | 2.3892G | 48.35 | 54.00 | -5.65 | 30.37 | 3 | Vertical | 163 | 1.24 | - |
| 2422MHz | Pass | AV | 2.4268G | 91.55 | Inf | -Inf | 30.50 | 3 | Vertical | 163 | 1.24 | - |
| 2422MHz | Pass | AV | 2.484G | 48.98 | 54.00 | -5.02 | 30.69 | 3 | Vertical | 163 | 1.24 | - |
| 2422MHz | Pass | PK | 2.3816G | 61.58 | 74.00 | -12.42 | 30.35 | 3 | Vertical | 163 | 1.24 | - |
| 2422MHz | Pass | PK | 2.4172G | 99.16 | Inf | -Inf | 30.47 | 3 | Vertical | 163 | 1.24 | - |
| 2422MHz | Pass | PK | 2.4844G | 60.14 | 74.00 | -13.86 | 30.69 | 3 | Vertical | 163 | 1.24 | - |
| 2422MHz | Pass | AV | 2.3892G | 47.46 | 54.00 | -6.54 | 30.37 | 3 | Horizontal | 316 | 1.13 | - |
| 2422MHz | Pass | AV | 2.4268G | 89.40 | Inf | -Inf | 30.50 | 3 | Horizontal | 316 | 1.13 | - |
| 2422MHz | Pass | AV | 2.4984G | 48.10 | 54.00 | -5.90 | 30.75 | 3 | Horizontal | 316 | 1.13 | - |
| 2422MHz | Pass | PK | 2.3892G | 59.81 | 74.00 | -14.19 | 30.37 | 3 | Horizontal | 316 | 1.13 | - |
| 2422MHz | Pass | PK | 2.4264G | 96.94 | Inf | -Inf | 30.50 | 3 | Horizontal | 316 | 1.13 | - |
| 2422MHz | Pass | PK | 2.4888G | 58.27 | 74.00 | -15.73 | 30.71 | 3 | Horizontal | 316 | 1.13 | - |
| 2422MHz | Pass | AV | 4.84406G | 36.75 | 54.00 | -17.25 | 5.93 | 3 | Vertical | 0 | 1.01 | - |
| 2422MHz | Pass | AV | 7.27188G | 40.10 | 54.00 | -13.90 | 11.12 | 3 | Vertical | 39 | 1.50 | - |
| 2422MHz | Pass | PK | 4.84388G | 46.08 | 74.00 | -27.92 | 5.93 | 3 | Vertical | 0 | 1.01 | - |
| 2422MHz | Pass | PK | 7.28028G | 50.78 | 74.00 | -23.22 | 11.14 | 3 | Vertical | 39 | 1.50 | - |
| 2422MHz | Pass | AV | 4.84394G | 34.41 | 54.00 | -19.59 | 5.93 | 3 | Horizontal | 12 | 1.01 | - |
| 2422MHz | Pass | AV | 7.25808G | 39.84 | 54.00 | -14.16 | 11.08 | 3 | Horizontal | 254 | 1.32 | - |
| 2422MHz | Pass | PK | 4.84934G | 44.81 | 74.00 | -29.19 | 5.94 | 3 | Horizontal | 12 | 1.01 | - |
| 2422MHz | Pass | PK | 7.2588G | 51.07 | 74.00 | -22.93 | 11.08 | 3 | Horizontal | 254 | 1.32 | - |
| 2437MHz | Pass | AV | 2.3898G | 48.78 | 54.00 | -5.22 | 30.38 | 3 | Vertical | 181 | 1.35 | - |
| 2437MHz | Pass | AV | 2.4462G | 96.70 | Inf | -Inf | 30.57 | 3 | Vertical | 181 | 1.35 | - |
| 2437MHz | Pass | AV | 2.4835G | 53.80 | 54.00 | -0.20 | 30.69 | 3 | Vertical | 181 | 1.35 | - |
| 2437MHz | Pass | PK | 2.3878G | 62.63 | 74.00 | -11.37 | 30.37 | 3 | Vertical | 181 | 1.35 | - |
| 2437MHz | Pass | PK | 2.4462G | 104.16 | Inf | -Inf | 30.57 | 3 | Vertical | 181 | 1.35 | - |
| 2437MHz | Pass | PK | 2.487G | 63.65 | 74.00 | -10.35 | 30.71 | 3 | Vertical | 181 | 1.35 | - |
| 2437MHz | Pass | AV | 2.3898G | 48.15 | 54.00 | -5.85 | 30.38 | 3 | Horizontal | 315 | 1.35 | - |
| 2437MHz | Pass | AV | 2.4414G | 93.88 | Inf | -Inf | 30.55 | 3 | Horizontal | 315 | 1.35 | - |
| 2437MHz | Pass | AV | 2.4835G | 52.42 | 54.00 | -1.58 | 30.69 | 3 | Horizontal | 315 | 1.35 | - |
| 2437MHz | Pass | PK | 2.3866G | 61.22 | 74.00 | -12.78 | 30.37 | 3 | Horizontal | 315 | 1.35 | - |
| 2437MHz | Pass | PK | 2.4418G | 101.95 | Inf | -Inf | 30.55 | 3 | Horizontal | 315 | 1.35 | - |
| 2437MHz | Pass | PK | 2.4835G | 62.31 | 74.00 | -11.69 | 30.69 | 3 | Horizontal | 315 | 1.35 | - |
| 2437MHz | Pass | AV | 4.87382G | 40.33 | 54.00 | -13.67 | 6.00 | 3 | Vertical | 87 | 1.01 | - |
| 2437MHz | Pass | AV | 7.32288G | 39.88 | 54.00 | -14.12 | 11.25 | 3 | Vertical | 0 | 3.00 | - |
| 2437MHz | Pass | PK | 4.87442G | 50.92 | 74.00 | -23.08 | 6.00 | 3 | Vertical | 87 | 1.01 | - |
| 2437MHz | Pass | PK | 7.3089G | 50.62 | 74.00 | -23.38 | 11.21 | 3 | Vertical | 0 | 2.94 | - |

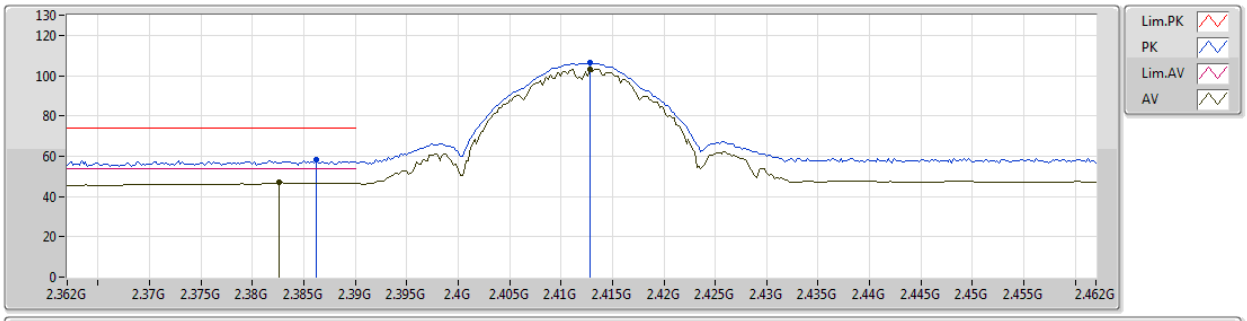
| Mode | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2437MHz | Pass | AV | 4.87424G | 38.10 | 54.00 | -15.90 | 6.00 | 3 | Horizontal | 7 | 1.19 | - |
| 2437MHz | Pass | AV | 7.31784G | 39.80 | 54.00 | -14.20 | 11.25 | 3 | Horizontal | 39 | 1.50 | - |
| 2437MHz | Pass | PK | 4.87364G | 48.12 | 74.00 | -25.88 | 6.00 | 3 | Horizontal | 7 | 1.19 | - |
| 2437MHz | Pass | PK | 7.3002G | 50.94 | 74.00 | -23.06 | 11.19 | 3 | Horizontal | 39 | 1.50 | - |
| 2452MHz | Pass | AV | 2.3896G | 47.47 | 54.00 | -6.53 | 30.38 | 3 | Vertical | 216 | 1.30 | - |
| 2452MHz | Pass | AV | 2.4604G | 91.63 | Inf | -Inf | 30.61 | 3 | Vertical | 216 | 1.30 | - |
| 2452MHz | Pass | AV | 2.4835G | 49.62 | 54.00 | -4.38 | 30.69 | 3 | Vertical | 216 | 1.30 | - |
| 2452MHz | Pass | PK | 2.382G | 57.88 | 74.00 | -16.12 | 30.35 | 3 | Vertical | 216 | 1.30 | - |
| 2452MHz | Pass | PK | 2.4612G | 98.93 | Inf | -Inf | 30.62 | 3 | Vertical | 216 | 1.30 | - |
| 2452MHz | Pass | PK | 2.4848G | 62.54 | 74.00 | -11.46 | 30.69 | 3 | Vertical | 216 | 1.30 | - |
| 2452MHz | Pass | AV | 2.3832G | 46.91 | 54.00 | -7.09 | 30.35 | 3 | Horizontal | 318 | 1.09 | - |
| 2452MHz | Pass | AV | 2.4584G | 87.81 | Inf | -Inf | 30.61 | 3 | Horizontal | 318 | 1.09 | - |
| 2452MHz | Pass | AV | 2.4852G | 48.99 | 54.00 | -5.01 | 30.70 | 3 | Horizontal | 318 | 1.09 | - |
| 2452MHz | Pass | PK | 2.39G | 57.63 | 74.00 | -16.37 | 30.38 | 3 | Horizontal | 318 | 1.09 | - |
| 2452MHz | Pass | PK | 2.458G | 95.38 | Inf | -Inf | 30.61 | 3 | Horizontal | 318 | 1.09 | - |
| 2452MHz | Pass | PK | 2.4835G | 59.72 | 74.00 | -14.28 | 30.69 | 3 | Horizontal | 318 | 1.09 | - |
| 2452MHz | Pass | AV | 4.90382G | 35.82 | 54.00 | -18.18 | 6.06 | 3 | Vertical | 191 | 1.22 | - |
| 2452MHz | Pass | AV | 7.36056G | 39.78 | 54.00 | -14.22 | 11.35 | 3 | Vertical | 52 | 1.72 | - |
| 2452MHz | Pass | PK | 4.90664G | 46.23 | 74.00 | -27.77 | 6.06 | 3 | Vertical | 191 | 1.22 | - |
| 2452MHz | Pass | PK | 7.34268G | 51.14 | 74.00 | -22.86 | 11.31 | 3 | Vertical | 52 | 1.72 | - |
| 2452MHz | Pass | AV | 4.91612G | 34.29 | 54.00 | -19.71 | 6.08 | 3 | Horizontal | 187 | 1.59 | - |
| 2452MHz | Pass | AV | 7.3635G | 39.92 | 54.00 | -14.08 | 11.37 | 3 | Horizontal | 31 | 1.50 | - |
| 2452MHz | Pass | PK | 4.91054G | 45.08 | 74.00 | -28.92 | 6.07 | 3 | Horizontal | 187 | 1.59 | - |
| 2452MHz | Pass | PK | 7.3674G | 50.61 | 74.00 | -23.39 | 11.38 | 3 | Horizontal | 31 | 1.50 | - |
| 2457MHz | Pass | AV | 2.3894G | 47.92 | 54.00 | -6.08 | 30.37 | 3 | Vertical | 163 | 1.19 | - |
| 2457MHz | Pass | AV | 2.4602G | 92.34 | Inf | -Inf | 30.61 | 3 | Vertical | 163 | 1.19 | - |
| 2457MHz | Pass | AV | 2.4835G | 51.64 | 54.00 | -2.36 | 30.69 | 3 | Vertical | 163 | 1.19 | - |
| 2457MHz | Pass | PK | 2.3894G | 57.82 | 74.00 | -16.18 | 30.37 | 3 | Vertical | 163 | 1.19 | - |
| 2457MHz | Pass | PK | 2.4606G | 99.99 | Inf | -Inf | 30.62 | 3 | Vertical | 163 | 1.19 | - |
| 2457MHz | Pass | PK | 2.485G | 65.33 | 74.00 | -8.67 | 30.69 | 3 | Vertical | 163 | 1.19 | - |
| 2457MHz | Pass | AV | 2.387G | 46.95 | 54.00 | -7.05 | 30.37 | 3 | Horizontal | 316 | 1.11 | - |
| 2457MHz | Pass | AV | 2.4618G | 88.87 | Inf | -Inf | 30.62 | 3 | Horizontal | 316 | 1.11 | - |
| 2457MHz | Pass | AV | 2.4835G | 50.22 | 54.00 | -3.78 | 30.69 | 3 | Horizontal | 316 | 1.11 | - |
| 2457MHz | Pass | PK | 2.3866G | 57.37 | 74.00 | -16.63 | 30.37 | 3 | Horizontal | 316 | 1.11 | - |
| 2457MHz | Pass | PK | 2.4618G | 96.18 | Inf | -Inf | 30.62 | 3 | Horizontal | 316 | 1.11 | - |
| 2457MHz | Pass | PK | 2.4838G | 63.26 | 74.00 | -10.74 | 30.69 | 3 | Horizontal | 316 | 1.11 | - |
| 2457MHz | Pass | AV | 4.914G | 36.35 | 54.00 | -17.65 | 6.08 | 3 | Vertical | 192 | 1.36 | - |
| 2457MHz | Pass | AV | 7.37532G | 39.80 | 54.00 | -14.20 | 11.40 | 3 | Vertical | 313 | 1.79 | - |
| 2457MHz | Pass | PK | 4.91382G | 45.68 | 74.00 | -28.32 | 6.08 | 3 | Vertical | 192 | 1.36 | - |
| 2457MHz | Pass | PK | 7.35666G | 50.57 | 74.00 | -23.43 | 11.34 | 3 | Vertical | 313 | 1.79 | - |
| 2457MHz | Pass | AV | 4.90854G | 34.17 | 54.00 | -19.83 | 6.06 | 3 | Horizontal | 0 | 1.50 | - |
| 2457MHz | Pass | AV | 7.36272G | 39.76 | 54.00 | -14.24 | 11.36 | 3 | Horizontal | 322 | 1.50 | - |
| 2457MHz | Pass | PK | 4.9149G | 45.28 | 74.00 | -28.72 | 6.08 | 3 | Horizontal | 0 | 1.50 | - |
| 2457MHz | Pass | PK | 7.36356G | 50.52 | 74.00 | -23.48 | 11.37 | 3 | Horizontal | 322 | 1.50 | - |
| 2462MHz | Pass | AV | 2.3896G | 46.99 | 54.00 | -7.01 | 30.38 | 3 | Vertical | 218 | 1.21 | - |
| 2462MHz | Pass | AV | 2.4708G | 84.46 | Inf | -Inf | 30.65 | 3 | Vertical | 218 | 1.21 | - |
| 2462MHz | Pass | AV | 2.4835G | 52.12 | 54.00 | -1.88 | 30.69 | 3 | Vertical | 218 | 1.21 | - |
| 2462MHz | Pass | PK | 2.3884G | 57.25 | 74.00 | -16.75 | 30.37 | 3 | Vertical | 218 | 1.21 | - |
| 2462MHz | Pass | PK | 2.4712G | 91.71 | Inf | -Inf | 30.65 | 3 | Vertical | 218 | 1.21 | - |

| Mode | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2462MHz | Pass | PK | 2.484G | 64.73 | 74.00 | -9.27 | 30.69 | 3 | Vertical | 218 | 1.21 | - |
| 2462MHz | Pass | AV | 2.382G | 46.91 | 54.00 | -7.09 | 30.35 | 3 | Horizontal | 316 | 1.15 | - |
| 2462MHz | Pass | AV | 2.4668G | 80.25 | Inf | -Inf | 30.64 | 3 | Horizontal | 316 | 1.15 | - |
| 2462MHz | Pass | AV | 2.4835G | 48.97 | 54.00 | -5.03 | 30.69 | 3 | Horizontal | 316 | 1.15 | - |
| 2462MHz | Pass | PK | 2.37G | 57.29 | 74.00 | -16.71 | 30.31 | 3 | Horizontal | 316 | 1.15 | - |
| 2462MHz | Pass | PK | 2.4664G | 87.72 | Inf | -Inf | 30.64 | 3 | Horizontal | 316 | 1.15 | - |
| 2462MHz | Pass | PK | 2.4835G | 60.87 | 74.00 | -13.13 | 30.69 | 3 | Horizontal | 316 | 1.15 | - |
| 2462MHz | Pass | AV | 4.9237G | 34.89 | 54.00 | -19.11 | 6.09 | 3 | Vertical | 196 | 1.15 | - |
| 2462MHz | Pass | AV | 7.37574G | 39.87 | 54.00 | -14.13 | 11.40 | 3 | Vertical | 228 | 2.51 | - |
| 2462MHz | Pass | PK | 4.92628G | 45.49 | 74.00 | -28.51 | 6.10 | 3 | Vertical | 196 | 1.15 | - |
| 2462MHz | Pass | PK | 7.37724G | 50.44 | 74.00 | -23.56 | 11.40 | 3 | Vertical | 228 | 2.14 | - |
| 2462MHz | Pass | AV | 4.91056G | 34.30 | 54.00 | -19.70 | 6.07 | 3 | Horizontal | 254 | 1.36 | - |
| 2462MHz | Pass | AV | 7.38318G | 39.63 | 54.00 | -14.37 | 11.41 | 3 | Horizontal | 122 | 1.05 | - |
| 2462MHz | Pass | PK | 4.92922G | 45.23 | 74.00 | -28.77 | 6.10 | 3 | Horizontal | 254 | 1.36 | - |
| 2462MHz | Pass | PK | 7.3752G | 50.75 | 74.00 | -23.25 | 11.40 | 3 | Horizontal | 122 | 1.05 | - |

**802.11b_Nss1,(1Mbps)_2TX**

**2412MHz_TX**

04/01/2019

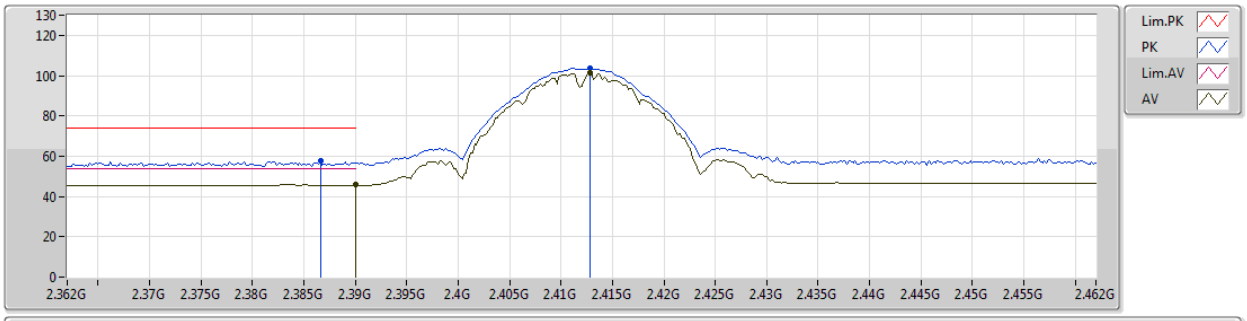



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 2.3826G | 46.82 | 54.00 | -7.18 | 30.35 | 3 | Vertical | 197 | 1.01 | - |
| AV | 2.4128G | 103.32 | Inf | -Inf | 30.45 | 3 | Vertical | 197 | 1.01 | - |
| PK | 2.3862G | 58.15 | 74.00 | -15.85 | 30.37 | 3 | Vertical | 197 | 1.01 | - |
| PK | 2.4128G | 106.28 | Inf | -Inf | 30.45 | 3 | Vertical | 197 | 1.01 | - |

**802.11b_Nss1,(1Mbps)_2TX**

**2412MHz_TX**

04/01/2019

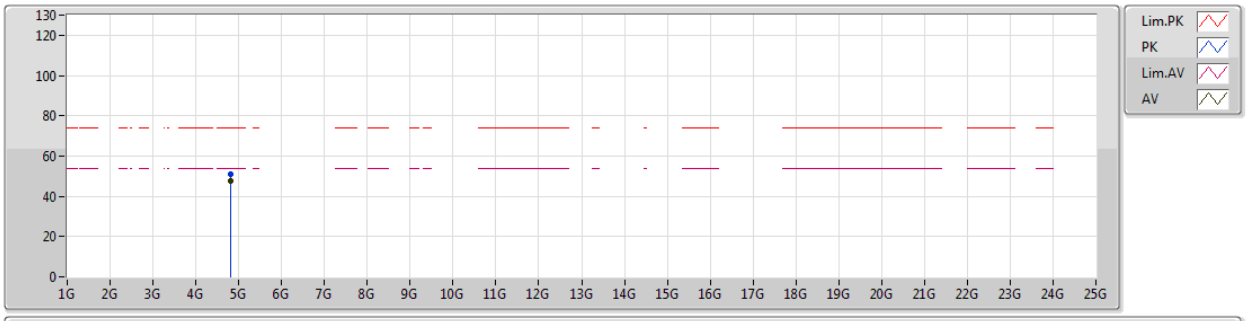



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 2.39G | 45.85 | 54.00 | -8.15 | 30.38 | 3 | Horizontal | 297 | 1.50 | - |
| AV | 2.4128G | 101.29 | Inf | -Inf | 30.45 | 3 | Horizontal | 297 | 1.50 | - |
| PK | 2.3866G | 57.63 | 74.00 | -16.37 | 30.37 | 3 | Horizontal | 297 | 1.50 | - |
| PK | 2.4128G | 103.71 | Inf | -Inf | 30.45 | 3 | Horizontal | 297 | 1.50 | - |

**802.11b_Nss1,(1Mbps)_2TX**

**2412MHz_TX**

04/01/2019

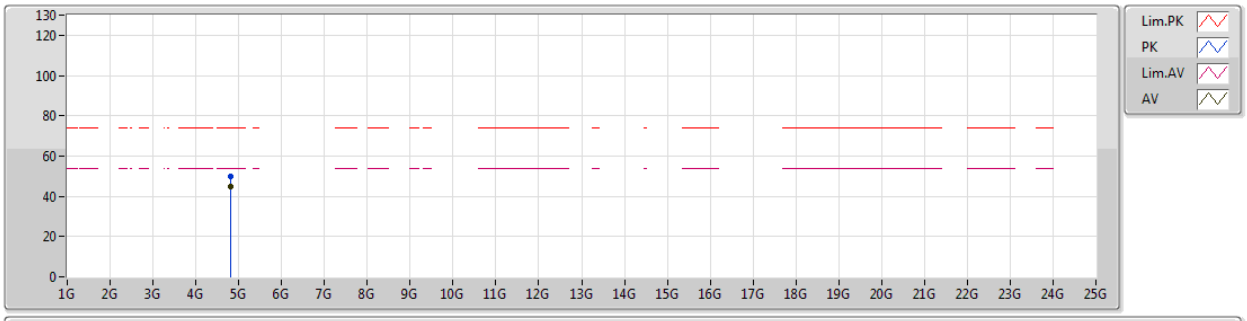



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 4.82394G | 47.70 | 54.00 | -6.30 | 5.89 | 3 | Vertical | 317 | 2.52 | - |
| PK | 4.82394G | 51.17 | 74.00 | -22.83 | 5.89 | 3 | Vertical | 317 | 2.52 | - |

**802.11b_Nss1,(1Mbps)_2TX**

**2412MHz_TX**

04/01/2019

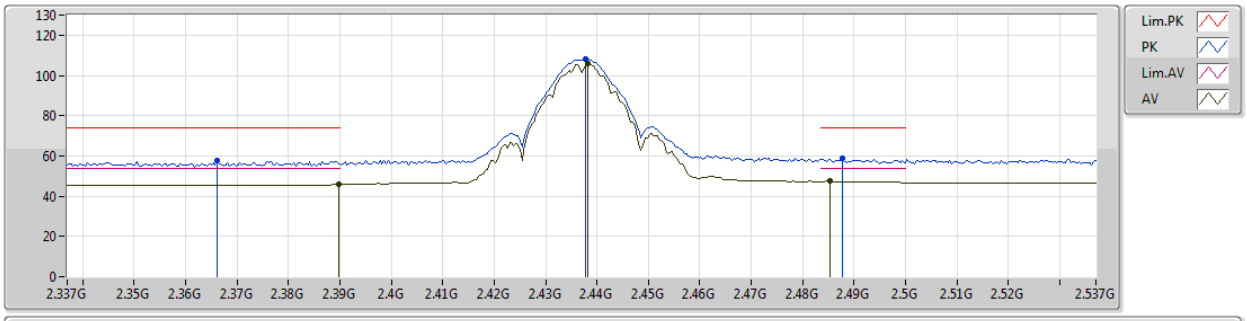



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 4.82397G | 45.02 | 54.00 | -8.98 | 5.89 | 3 | Horizontal | 345 | 2.79 | - |
| PK | 4.82418G | 49.83 | 74.00 | -24.17 | 5.89 | 3 | Horizontal | 345 | 2.79 | - |

**802.11b_Nss1,(1Mbps)_2TX**

**2437MHz_TX**

04/01/2019

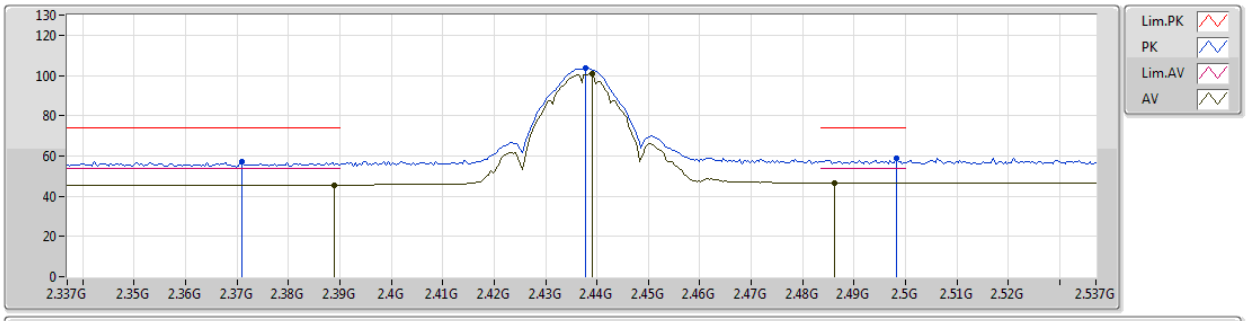



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 2.3898G | 45.85 | 54.00 | -8.15 | 30.38 | 3 | Vertical | 196 | 1.33 | - |
| AV | 2.4382G | 105.72 | Inf | -Inf | 30.54 | 3 | Vertical | 196 | 1.33 | - |
| AV | 2.4854G | 47.45 | 54.00 | -6.55 | 30.70 | 3 | Vertical | 196 | 1.33 | - |
| PK | 2.3662G | 57.67 | 74.00 | -16.33 | 30.30 | 3 | Vertical | 196 | 1.33 | - |
| PK | 2.4378G | 108.30 | Inf | -Inf | 30.54 | 3 | Vertical | 196 | 1.33 | - |
| PK | 2.4878G | 58.74 | 74.00 | -15.26 | 30.71 | 3 | Vertical | 196 | 1.33 | - |

## 802.11b_Nss1,(1Mbps)_2TX

## 2437MHz_TX

04/01/2019

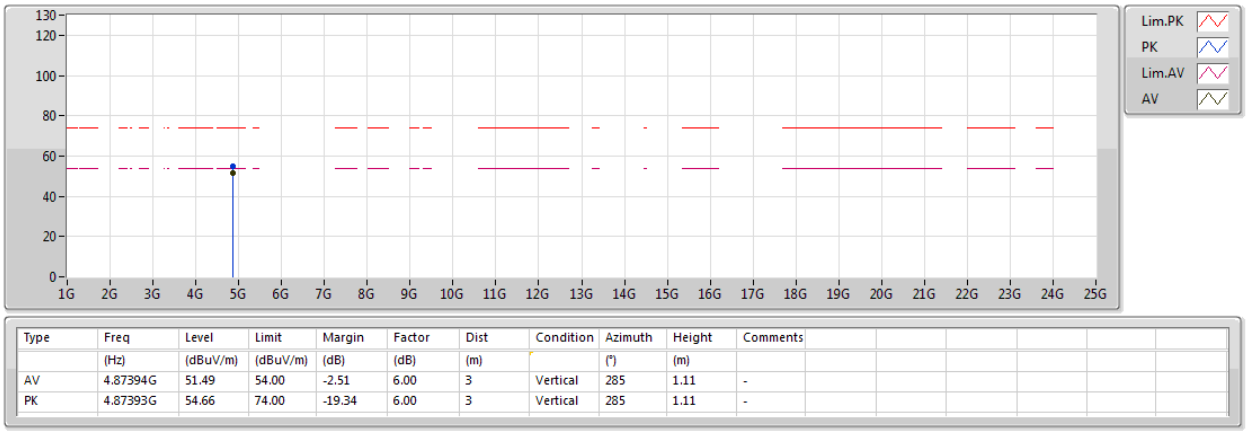



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 2.389G | 45.55 | 54.00 | -8.45 | 30.37 | 3 | Horizontal | 100 | 1.06 | - |
| AV | 2.439G | 100.97 | Inf | -Inf | 30.54 | 3 | Horizontal | 100 | 1.06 | - |
| AV | 2.4862G | 46.64 | 54.00 | -7.36 | 30.71 | 3 | Horizontal | 100 | 1.06 | - |
| PK | 2.371G | 57.27 | 74.00 | -16.73 | 30.31 | 3 | Horizontal | 100 | 1.06 | - |
| PK | 2.4378G | 103.91 | Inf | -Inf | 30.54 | 3 | Horizontal | 100 | 1.06 | - |
| PK | 2.4982G | 58.58 | 74.00 | -15.42 | 30.75 | 3 | Horizontal | 100 | 1.06 | - |

**802.11b_Nss1,(1Mbps)_2TX**

**2437MHz_TX**

04/01/2019

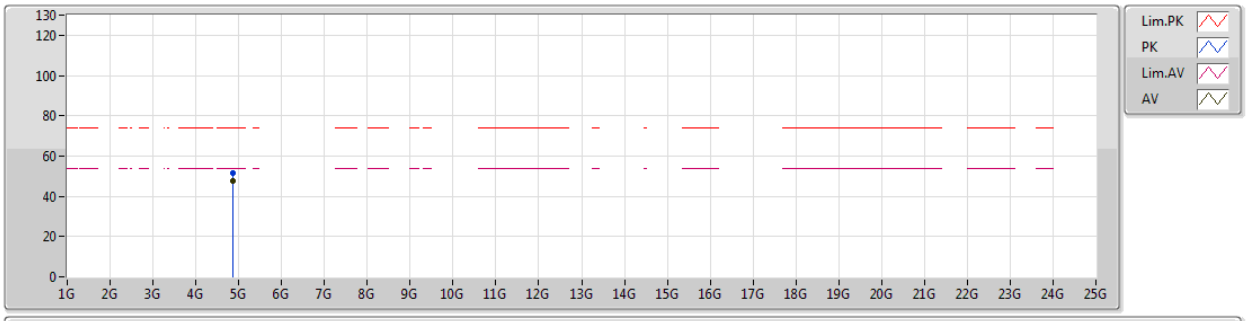



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 4.87394G | 51.49 | 54.00 | -2.51 | 6.00 | 3 | Vertical | 285 | 1.11 | - |
| PK | 4.87393G | 54.66 | 74.00 | -19.34 | 6.00 | 3 | Vertical | 285 | 1.11 | - |

**802.11b_Nss1,(1Mbps)_2TX**

**2437MHz_TX**

04/01/2019

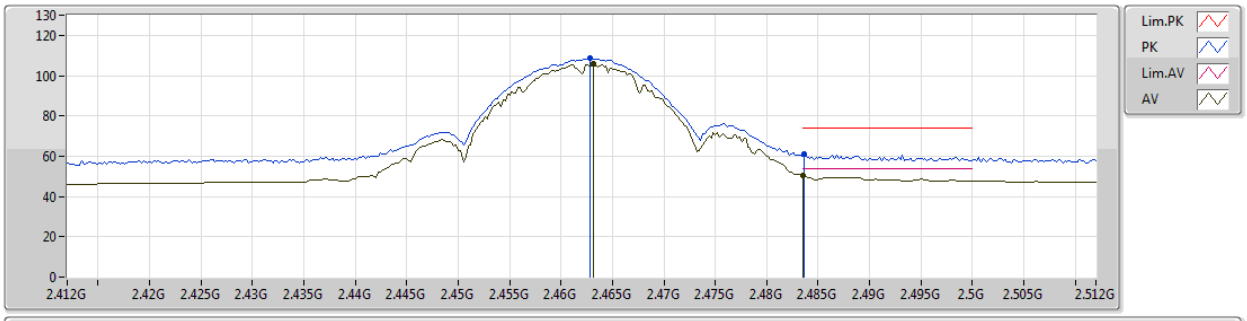



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 4.87399G | 47.66 | 54.00 | -6.34 | 6.00 | 3 | Horizontal | 338 | 1.03 | - |
| PK | 4.8739G | 51.59 | 74.00 | -22.41 | 6.00 | 3 | Horizontal | 338 | 1.03 | - |

**802.11b_Nss1,(1Mbps)_2TX**

**2462MHz_TX**

04/01/2019

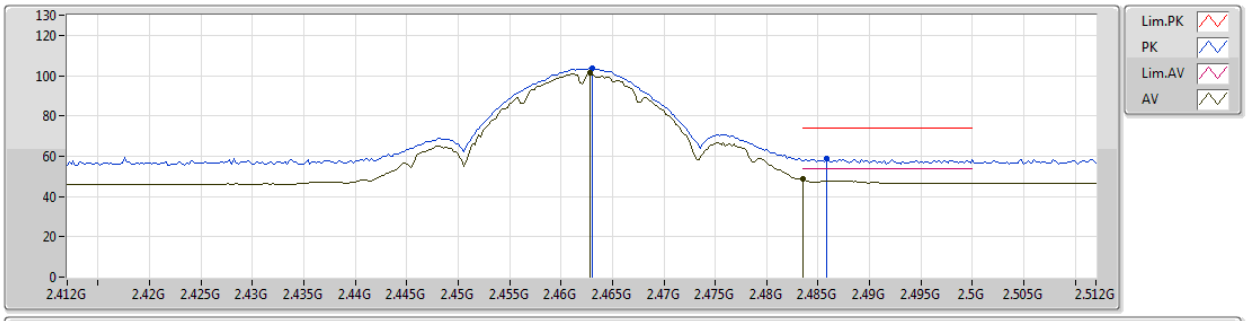



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 2.4632G | 105.74 | Inf | -Inf | 30.62 | 3 | Vertical | 283 | 1.09 | - |
| AV | 2.4835G | 50.51 | 54.00 | -3.49 | 30.69 | 3 | Vertical | 283 | 1.09 | - |
| PK | 2.4628G | 108.58 | Inf | -Inf | 30.62 | 3 | Vertical | 283 | 1.09 | - |
| PK | 2.4836G | 60.83 | 74.00 | -13.17 | 30.69 | 3 | Vertical | 283 | 1.09 | - |

**802.11b_Nss1,(1Mbps)_2TX**

**2462MHz_TX**

04/01/2019

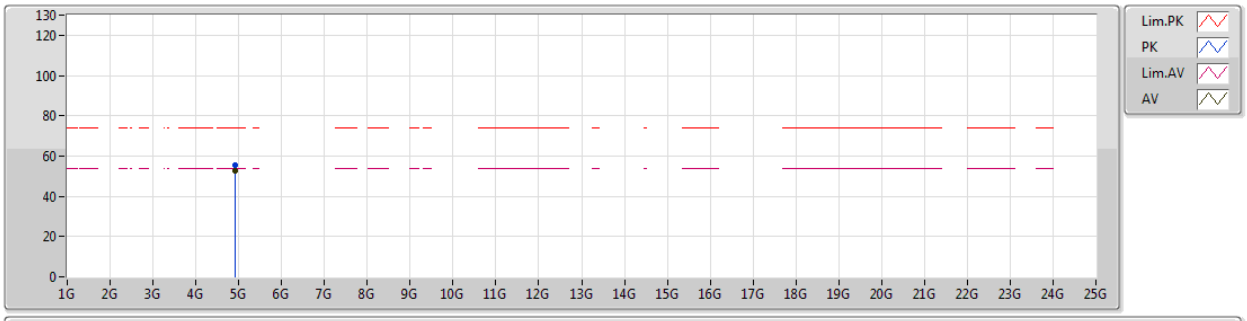



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 2.4628G | 101.24 | Inf | -Inf | 30.62 | 3 | Horizontal | 306 | 1.50 | - |
| AV | 2.4835G | 48.67 | 54.00 | -5.33 | 30.69 | 3 | Horizontal | 306 | 1.50 | - |
| PK | 2.463G | 103.57 | Inf | -Inf | 30.62 | 3 | Horizontal | 306 | 1.50 | - |
| PK | 2.4858G | 59.07 | 74.00 | -14.93 | 30.71 | 3 | Horizontal | 306 | 1.50 | - |

**802.11b_Nss1,(1Mbps)_2TX**

**2462MHz_TX**

04/01/2019

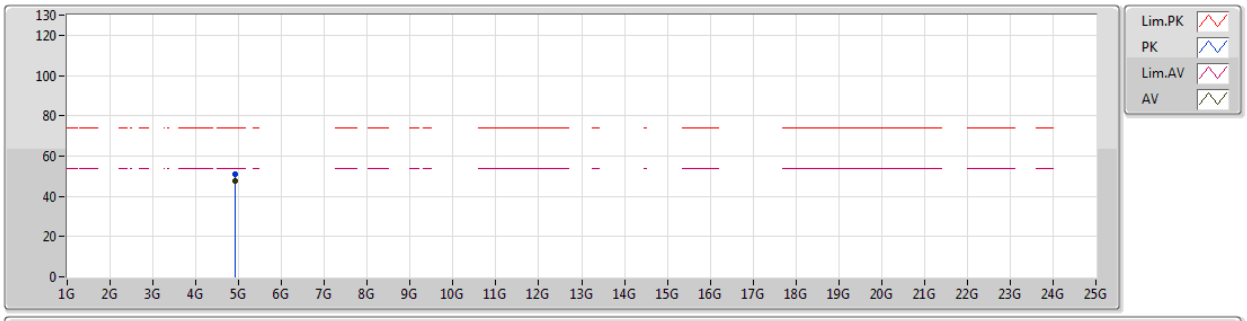



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 4.924G | 52.79 | 54.00 | -1.21 | 6.09 | 3 | Vertical | 285 | 1.05 | - |
| PK | 4.924G | 55.50 | 74.00 | -18.50 | 6.09 | 3 | Vertical | 285 | 1.05 | - |

**802.11b_Nss1,(1Mbps)_2TX**

**2462MHz_TX**

04/01/2019

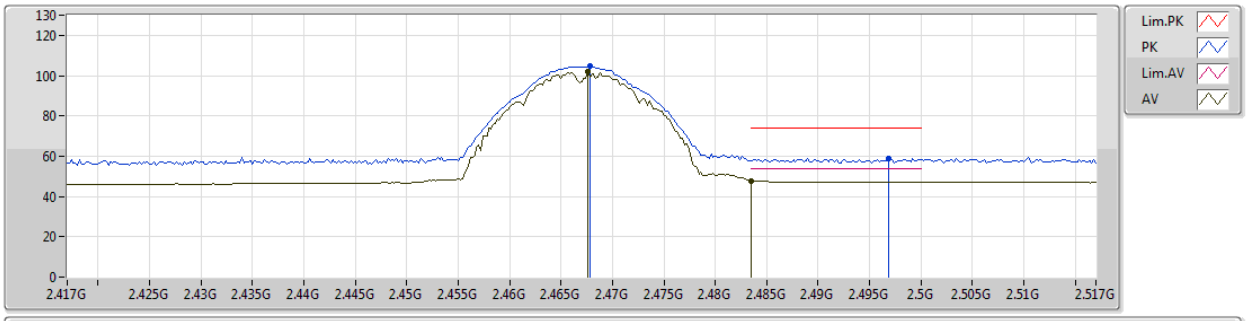



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 4.92396G | 47.37 | 54.00 | -6.63 | 6.09 | 3 | Horizontal | 338 | 1.25 | - |
| PK | 4.92399G | 51.22 | 74.00 | -22.78 | 6.09 | 3 | Horizontal | 338 | 1.25 | - |

**802.11b_Nss1,(1Mbps)_2TX**

**2467MHz_TX**

04/01/2019

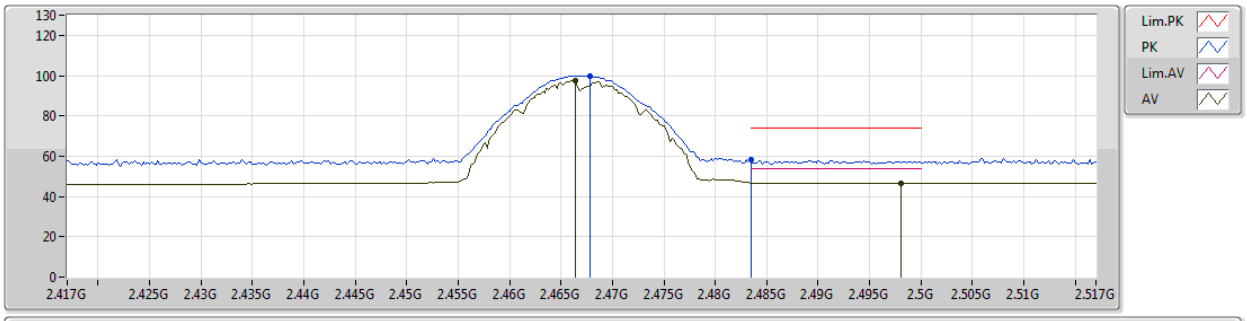



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 2.4676G | 101.99 | Inf | -Inf | 30.64 | 3 | Vertical | 198 | 1.18 | - |
| AV | 2.4835G | 47.70 | 54.00 | -6.30 | 30.69 | 3 | Vertical | 198 | 1.18 | - |
| PK | 2.4678G | 104.55 | Inf | -Inf | 30.64 | 3 | Vertical | 198 | 1.18 | - |
| PK | 2.4968G | 59.04 | 74.00 | -14.96 | 30.74 | 3 | Vertical | 198 | 1.18 | - |

## 802.11b_Nss1,(1Mbps)_2TX

## 2467MHz_TX

04/01/2019

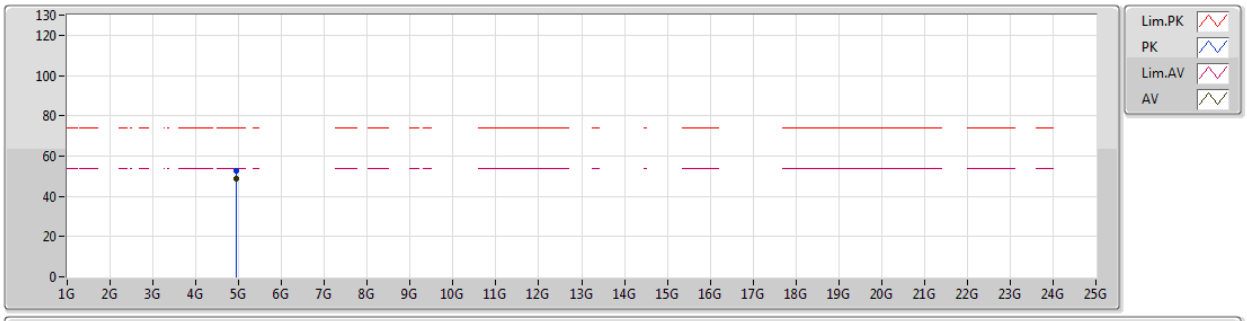



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 2.4664G | 97.57 | Inf | -Inf | 30.64 | 3 | Horizontal | 300 | 1.50 | - |
| AV | 2.498G | 46.68 | 54.00 | -7.32 | 30.75 | 3 | Horizontal | 300 | 1.50 | - |
| PK | 2.4678G | 99.98 | Inf | -Inf | 30.64 | 3 | Horizontal | 300 | 1.50 | - |
| PK | 2.4835G | 58.22 | 74.00 | -15.78 | 30.69 | 3 | Horizontal | 300 | 1.50 | - |

**802.11b_Nss1,(1Mbps)_2TX**

**2467MHz_TX**

04/01/2019

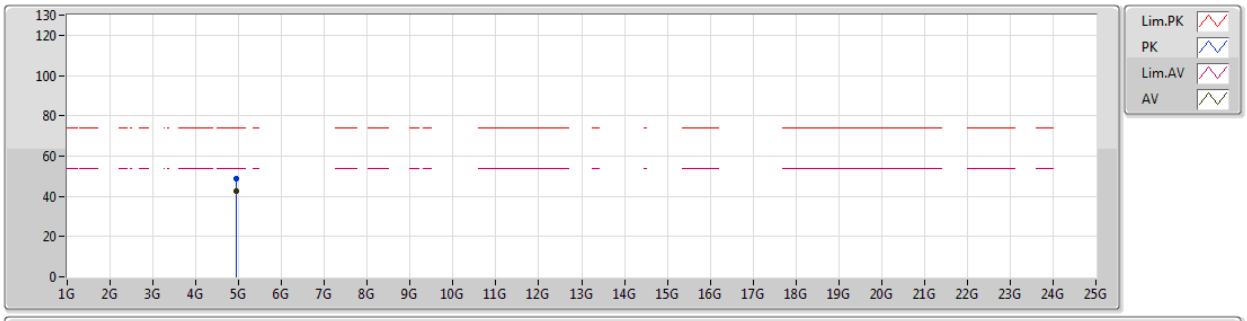



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 4.93395G | 48.48 | 54.00 | -5.52 | 6.12 | 3 | Vertical | 317 | 2.78 | - |
| PK | 4.934G | 52.56 | 74.00 | -21.44 | 6.12 | 3 | Vertical | 317 | 2.78 | - |

**802.11b_Nss1,(1Mbps)_2TX**

**2467MHz_TX**

04/01/2019

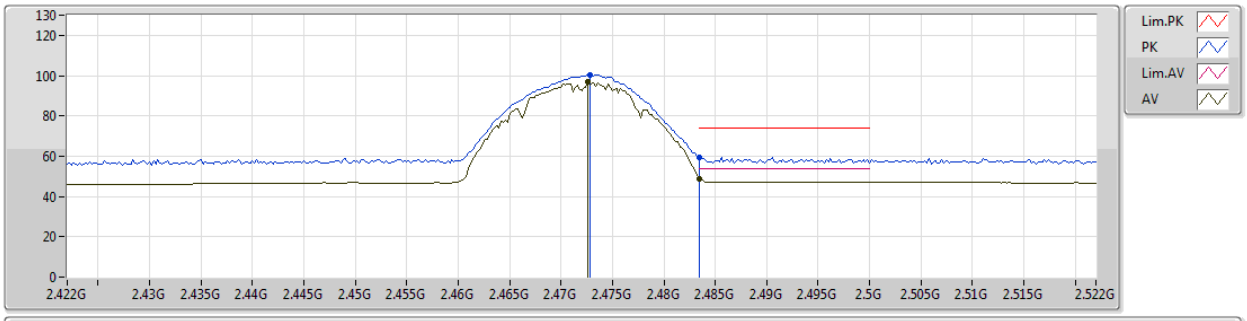



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 4.93396G | 42.74 | 54.00 | -11.26 | 6.12 | 3 | Horizontal | 338 | 1.00 | - |
| PK | 4.93396G | 48.96 | 74.00 | -25.04 | 6.12 | 3 | Horizontal | 338 | 1.00 | - |

**802.11b_Nss1,(1Mbps)_2TX**

**2472MHz_TX**

04/01/2019

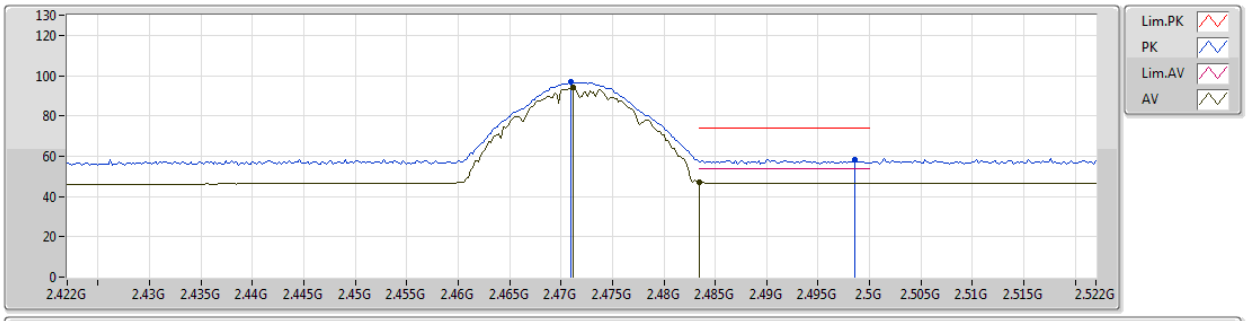



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 2.4726G | 96.90 | Inf | -Inf | 30.65 | 3 | Vertical | 285 | 1.50 | - |
| AV | 2.4835G | 48.89 | 54.00 | -5.11 | 30.69 | 3 | Vertical | 285 | 1.50 | - |
| PK | 2.4728G | 100.41 | Inf | -Inf | 30.65 | 3 | Vertical | 285 | 1.50 | - |
| PK | 2.4835G | 59.37 | 74.00 | -14.63 | 30.69 | 3 | Vertical | 285 | 1.50 | - |

**802.11b_Nss1,(1Mbps)_2TX**

**2472MHz_TX**

04/01/2019

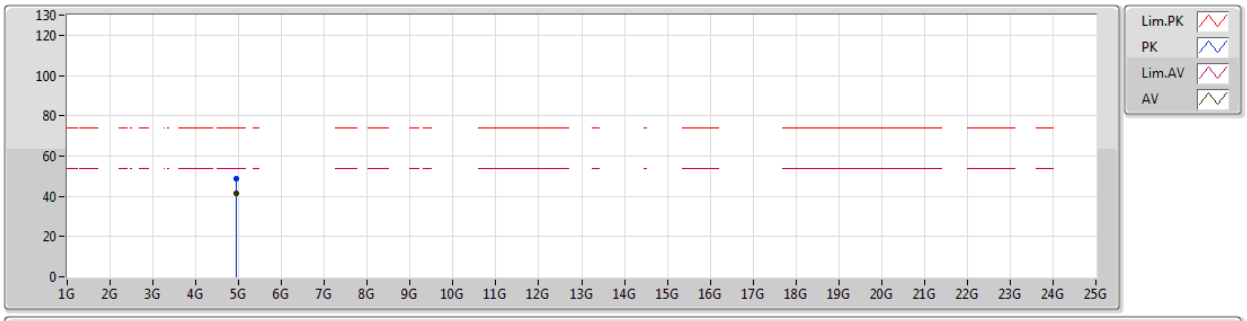



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 2.4712G | 94.40 | Inf | -Inf | 30.65 | 3 | Horizontal | 291 | 1.50 | - |
| AV | 2.4835G | 46.90 | 54.00 | -7.10 | 30.69 | 3 | Horizontal | 291 | 1.50 | - |
| PK | 2.471G | 96.67 | Inf | -Inf | 30.65 | 3 | Horizontal | 291 | 1.50 | - |
| PK | 2.4986G | 58.43 | 74.00 | -15.57 | 30.75 | 3 | Horizontal | 291 | 1.50 | - |

**802.11b_Nss1,(1Mbps)_2TX**

**2472MHz_TX**

04/01/2019

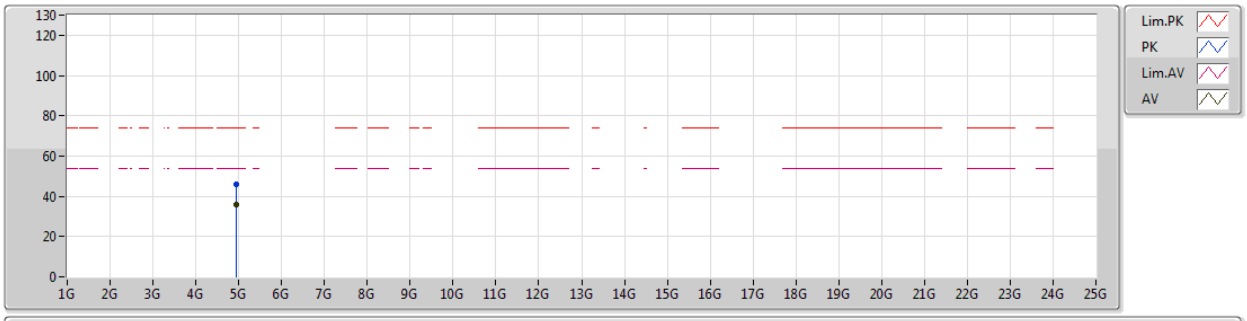



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 4.94396G | 41.74 | 54.00 | -12.26 | 6.13 | 3 | Vertical | 292 | 1.19 | - |
| PK | 4.94396G | 48.87 | 74.00 | -25.13 | 6.13 | 3 | Vertical | 292 | 1.19 | - |

**802.11b_Nss1,(1Mbps)_2TX**

**2472MHz_TX**

04/01/2019

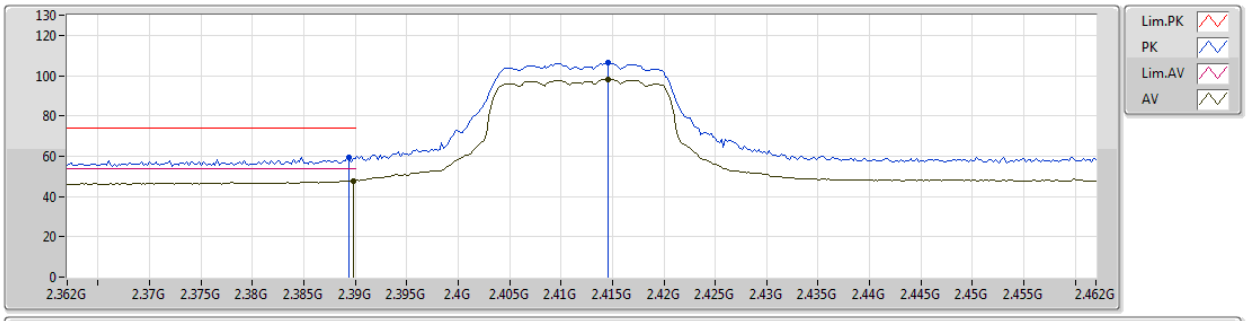



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| PK | 4.94364G | 46.18 | 74.00 | -27.82 | 6.13 | 3 | Horizontal | 0 | 1.49 | - |
| AV | 4.94396G | 36.13 | 54.00 | -17.87 | 6.13 | 3 | Horizontal | 0 | 1.49 | - |

**802.11g_Nss1,(6Mbps)_2TX**

**2412MHz_TX**

04/01/2019

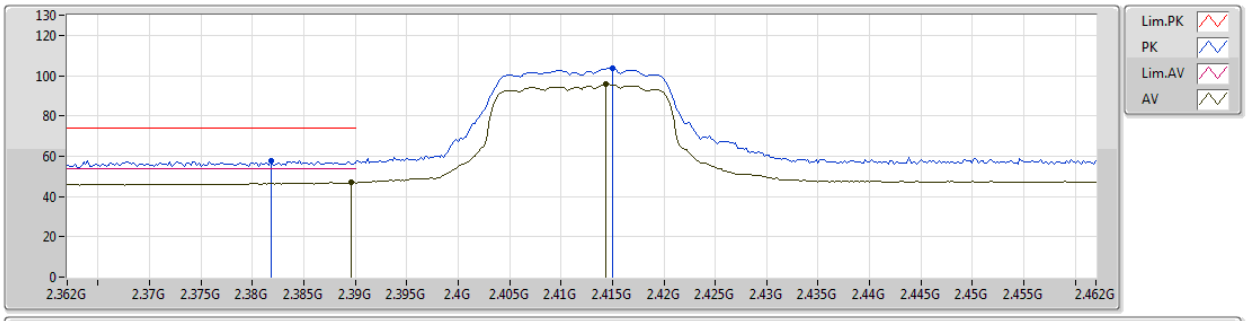



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 2.3898G | 47.84 | 54.00 | -6.16 | 30.38 | 3 | Vertical | 201 | 1.20 | - |
| AV | 2.4146G | 98.24 | Inf | -Inf | 30.46 | 3 | Vertical | 201 | 1.20 | - |
| PK | 2.3894G | 59.27 | 74.00 | -14.73 | 30.37 | 3 | Vertical | 201 | 1.20 | - |
| PK | 2.4146G | 106.34 | Inf | -Inf | 30.46 | 3 | Vertical | 201 | 1.20 | - |

**802.11g_Nss1,(6Mbps)_2TX**

**2412MHz_TX**

04/01/2019

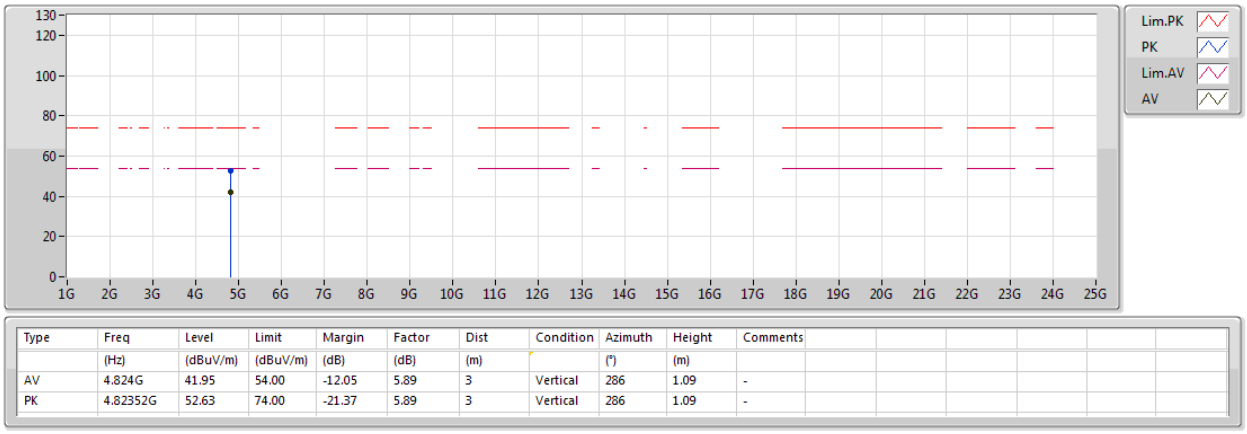



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 2.3896G | 46.90 | 54.00 | -7.10 | 30.38 | 3 | Horizontal | 300 | 1.21 | - |
| AV | 2.4144G | 95.57 | Inf | -Inf | 30.45 | 3 | Horizontal | 300 | 1.21 | - |
| PK | 2.3818G | 57.79 | 74.00 | -16.21 | 30.35 | 3 | Horizontal | 300 | 1.21 | - |
| PK | 2.415G | 103.44 | Inf | -Inf | 30.47 | 3 | Horizontal | 300 | 1.21 | - |

**802.11g_Nss1,(6Mbps)_2TX**

**2412MHz_TX**

04/01/2019

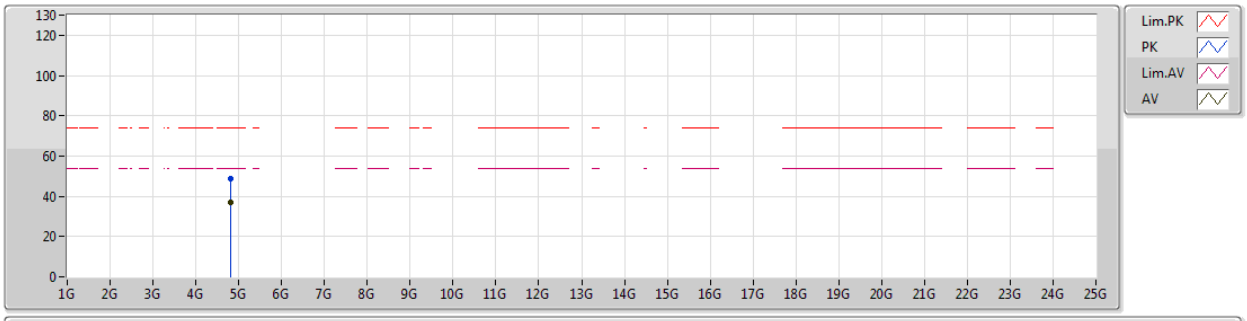



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 4.824G | 41.95 | 54.00 | -12.05 | 5.89 | 3 | Vertical | 286 | 1.09 | - |
| PK | 4.82352G | 52.63 | 74.00 | -21.37 | 5.89 | 3 | Vertical | 286 | 1.09 | - |

**802.11g_Nss1,(6Mbps)_2TX**

**2412MHz_TX**

04/01/2019

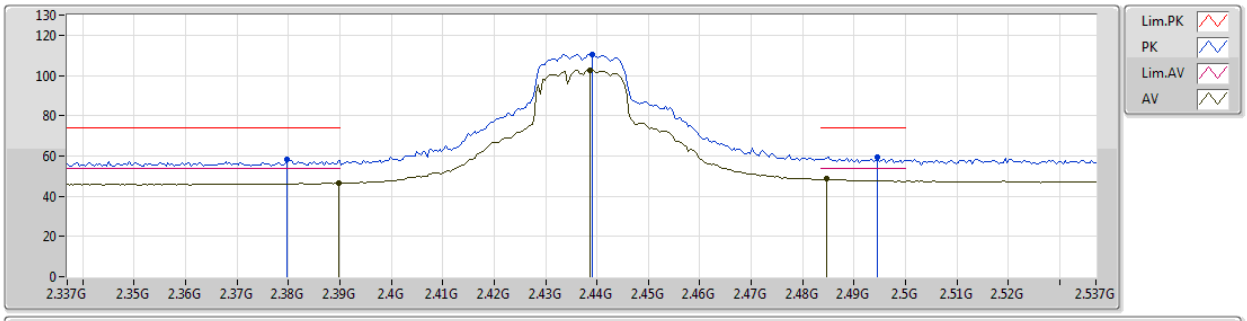



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 4.82394G | 37.10 | 54.00 | -16.90 | 5.89 | 3 | Horizontal | 337 | 1.03 | - |
| PK | 4.82472G | 48.50 | 74.00 | -25.50 | 5.89 | 3 | Horizontal | 337 | 1.03 | - |

**802.11g_Nss1,(6Mbps)_2TX**

**2437MHz_TX**

04/01/2019

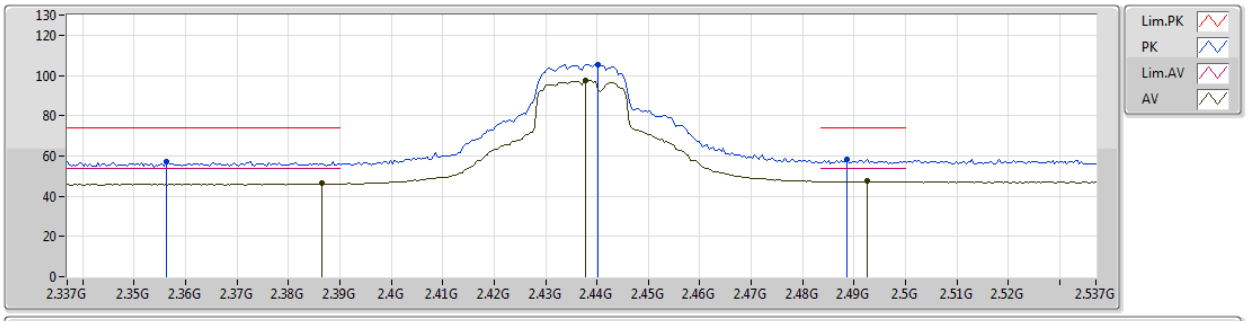



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 2.3898G | 46.65 | 54.00 | -7.35 | 30.38 | 3 | Vertical | 287 | 1.00 | - |
| AV | 2.4386G | 102.70 | Inf | -Inf | 30.54 | 3 | Vertical | 287 | 1.00 | - |
| AV | 2.4846G | 48.66 | 54.00 | -5.34 | 30.69 | 3 | Vertical | 287 | 1.00 | - |
| PK | 2.3798G | 58.17 | 74.00 | -15.83 | 30.34 | 3 | Vertical | 287 | 1.00 | - |
| PK | 2.439G | 110.37 | Inf | -Inf | 30.54 | 3 | Vertical | 287 | 1.00 | - |
| PK | 2.4946G | 59.42 | 74.00 | -14.58 | 30.73 | 3 | Vertical | 287 | 1.00 | - |

## 802.11g_Nss1,(6Mbps)_2TX

## 2437MHz_TX

04/01/2019

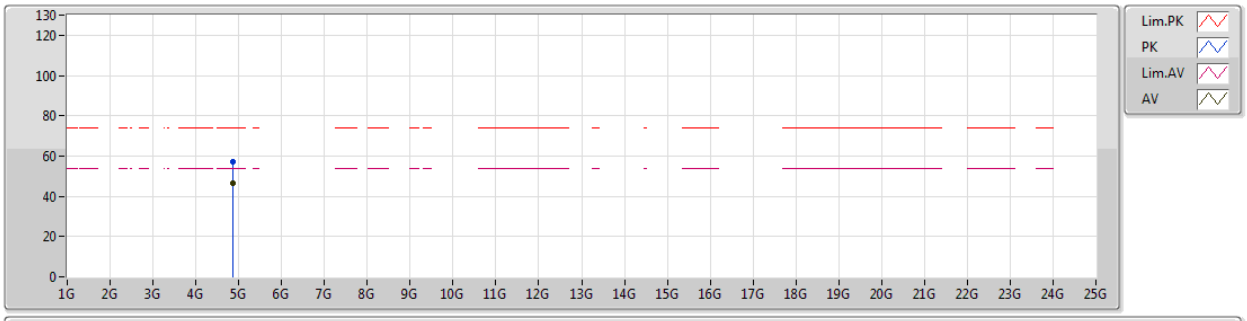



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 2.3866G | 46.35 | 54.00 | -7.65 | 30.37 | 3 | Horizontal | 318 | 1.11 | - |
| AV | 2.4378G | 97.70 | Inf | -Inf | 30.54 | 3 | Horizontal | 318 | 1.11 | - |
| AV | 2.4926G | 47.47 | 54.00 | -6.53 | 30.72 | 3 | Horizontal | 318 | 1.11 | - |
| PK | 2.3562G | 57.25 | 74.00 | -16.75 | 30.26 | 3 | Horizontal | 318 | 1.11 | - |
| PK | 2.4402G | 105.48 | Inf | -Inf | 30.55 | 3 | Horizontal | 318 | 1.11 | - |
| PK | 2.4886G | 58.10 | 74.00 | -15.90 | 30.71 | 3 | Horizontal | 318 | 1.11 | - |

**802.11g_Nss1,(6Mbps)_2TX**

**2437MHz_TX**

04/01/2019

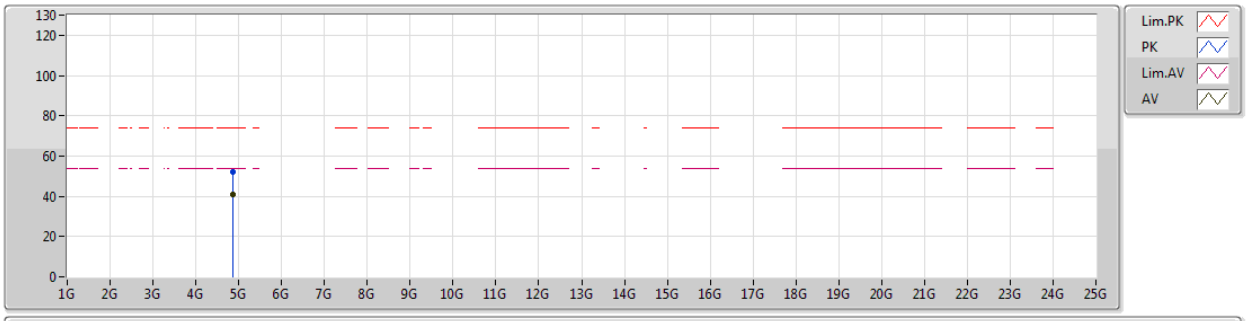



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 4.87406G | 46.47 | 54.00 | -7.53 | 6.00 | 3 | Vertical | 284 | 1.03 | - |
| PK | 4.8746G | 57.43 | 74.00 | -16.57 | 6.00 | 3 | Vertical | 284 | 1.03 | - |

**802.11g_Nss1,(6Mbps)_2TX**

**2437MHz_TX**

04/01/2019

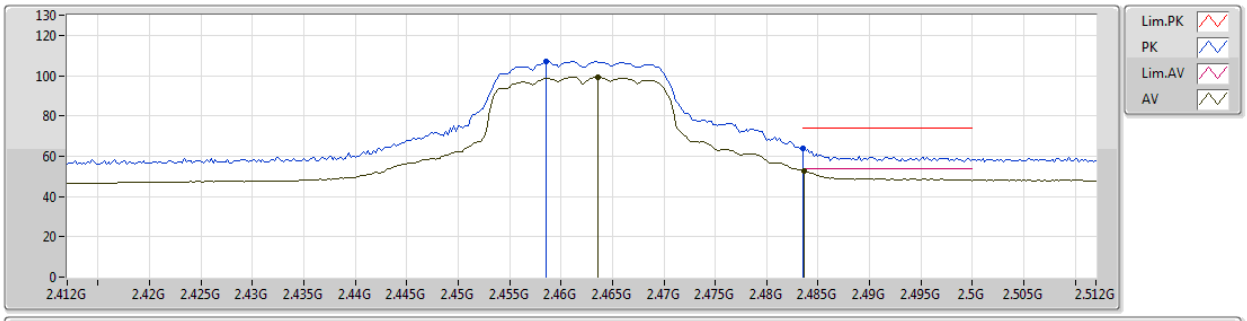



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 4.87404G | 41.01 | 54.00 | -12.99 | 6.00 | 3 | Horizontal | 338 | 1.04 | - |
| PK | 4.8746G | 52.23 | 74.00 | -21.77 | 6.00 | 3 | Horizontal | 338 | 1.04 | - |

**802.11g_Nss1,(6Mbps)_2TX**

**2462MHz_TX**

04/01/2019

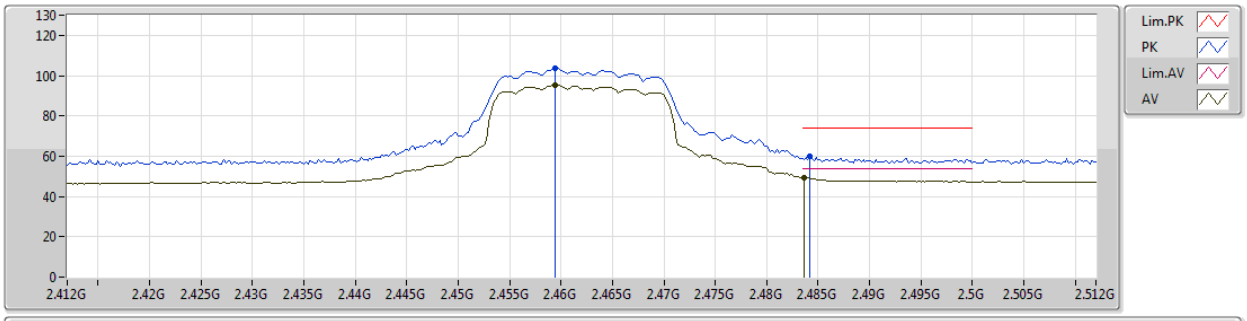



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 2.4636G | 99.29 | Inf | -Inf | 30.62 | 3 | Vertical | 295 | 1.22 | - |
| AV | 2.4836G | 52.91 | 54.00 | -1.09 | 30.69 | 3 | Vertical | 295 | 1.22 | - |
| PK | 2.4586G | 107.30 | Inf | -Inf | 30.61 | 3 | Vertical | 295 | 1.22 | - |
| PK | 2.4835G | 63.76 | 74.00 | -10.24 | 30.69 | 3 | Vertical | 295 | 1.22 | - |

**802.11g_Nss1,(6Mbps)_2TX**

**2462MHz_TX**

04/01/2019

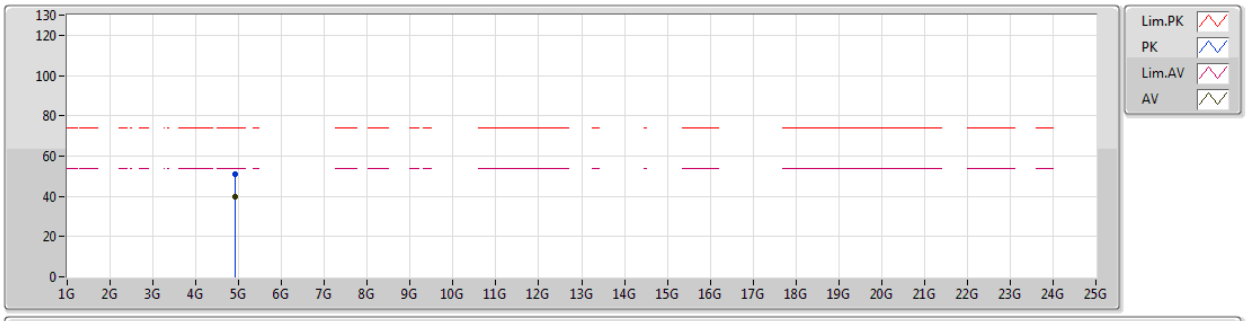



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 2.4594G | 95.23 | Inf | -Inf | 30.61 | 3 | Horizontal | 292 | 1.18 | - |
| AV | 2.4836G | 49.32 | 54.00 | -4.68 | 30.69 | 3 | Horizontal | 292 | 1.18 | - |
| PK | 2.4594G | 103.76 | Inf | -Inf | 30.61 | 3 | Horizontal | 292 | 1.18 | - |
| PK | 2.4842G | 59.99 | 74.00 | -14.01 | 30.69 | 3 | Horizontal | 292 | 1.18 | - |

**802.11g_Nss1,(6Mbps)_2TX**

**2462MHz_TX**

04/01/2019

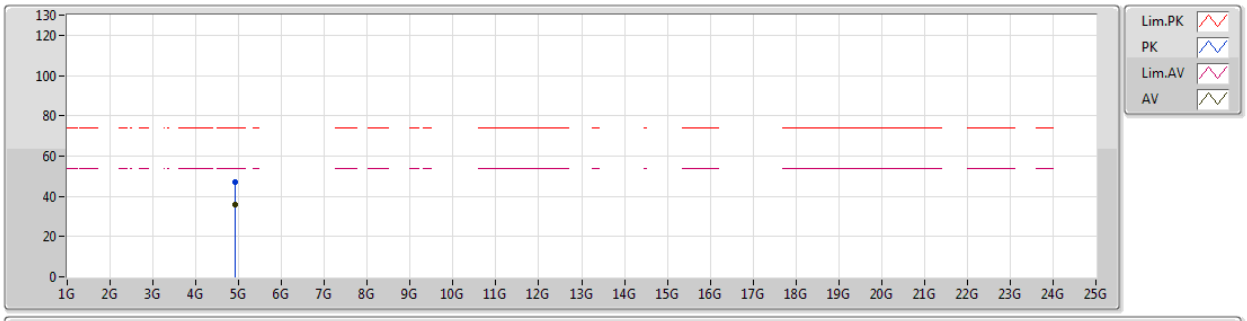



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 4.924G | 39.99 | 54.00 | -14.01 | 6.09 | 3 | Vertical | 322 | 2.53 | - |
| PK | 4.91854G | 51.11 | 74.00 | -22.89 | 6.09 | 3 | Vertical | 322 | 2.53 | - |

**802.11g_Nss1,(6Mbps)_2TX**

**2462MHz_TX**

04/01/2019

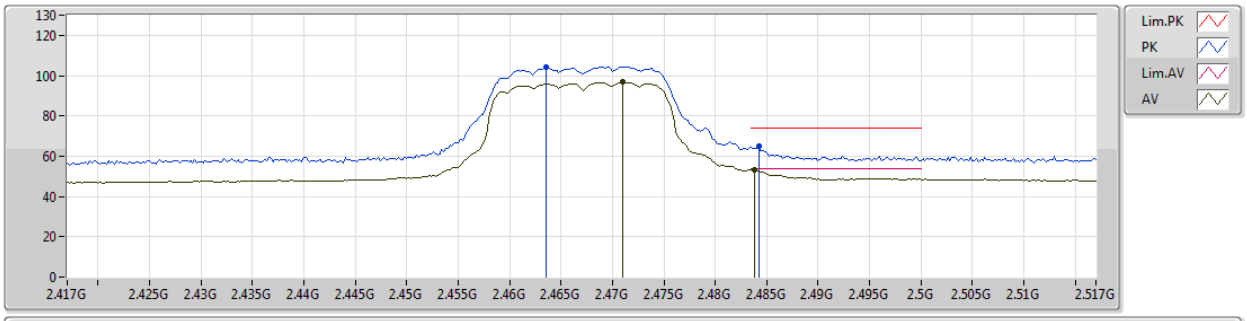



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 4.92442G | 35.78 | 54.00 | -18.22 | 6.09 | 3 | Horizontal | 338 | 1.14 | - |
| PK | 4.92022G | 46.93 | 74.00 | -27.07 | 6.09 | 3 | Horizontal | 338 | 1.14 | - |

## 802.11g_Nss1,(6Mbps)_2TX

## 2467MHz_TX

04/01/2019

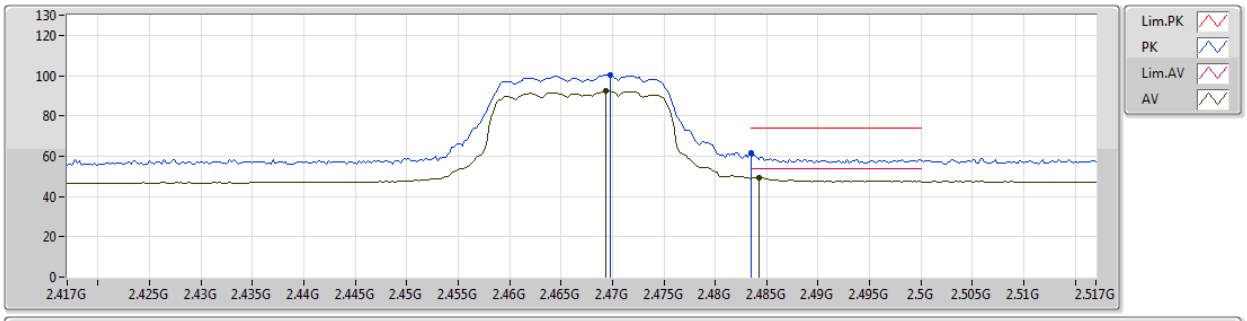



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 2.471G | 96.70 | Inf | -Inf | 30.65 | 3 | Vertical | 296 | 1.18 | - |
| AV | 2.4838G | 53.32 | 54.00 | -0.68 | 30.69 | 3 | Vertical | 296 | 1.18 | - |
| PK | 2.4636G | 104.30 | Inf | -Inf | 30.62 | 3 | Vertical | 296 | 1.18 | - |
| PK | 2.4842G | 65.11 | 74.00 | -8.89 | 30.69 | 3 | Vertical | 296 | 1.18 | - |

**802.11g_Nss1,(6Mbps)_2TX**

**2467MHz_TX**

04/01/2019

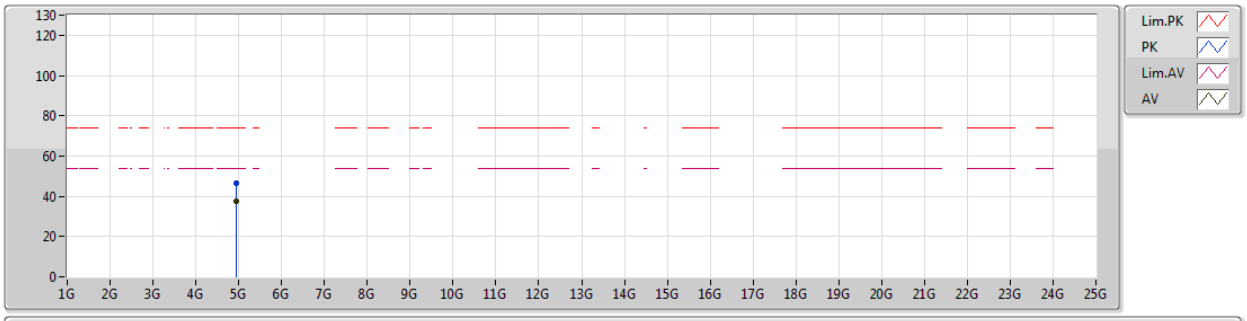



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 2.4694G | 92.34 | Inf | -Inf | 30.65 | 3 | Horizontal | 291 | 1.06 | - |
| AV | 2.4842G | 49.53 | 54.00 | -4.47 | 30.69 | 3 | Horizontal | 291 | 1.06 | - |
| PK | 2.4698G | 100.42 | Inf | -Inf | 30.65 | 3 | Horizontal | 291 | 1.06 | - |
| PK | 2.4835G | 61.45 | 74.00 | -12.55 | 30.69 | 3 | Horizontal | 291 | 1.06 | - |

**802.11g_Nss1,(6Mbps)_2TX**

**2467MHz_TX**

04/01/2019

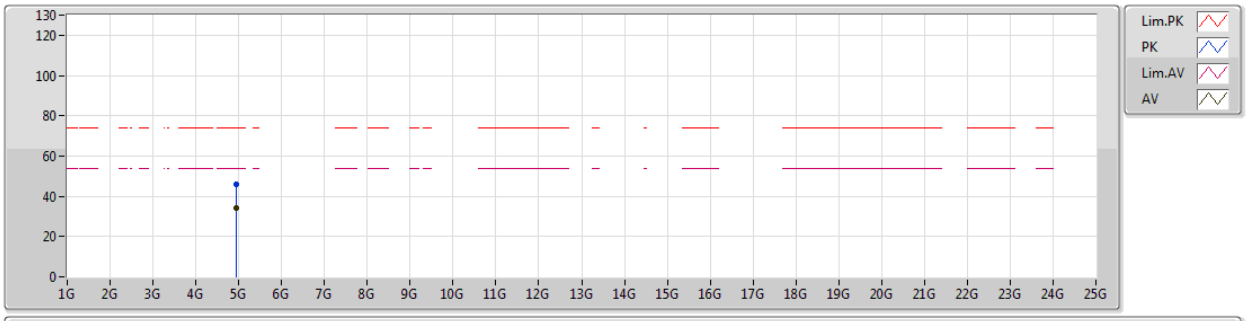



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 4.93388G | 37.40 | 54.00 | -16.60 | 6.12 | 3 | Vertical | 358 | 2.57 | - |
| PK | 4.934G | 46.47 | 74.00 | -27.53 | 6.12 | 3 | Vertical | 358 | 2.57 | - |

**802.11g_Nss1,(6Mbps)_2TX**

**2467MHz_TX**

04/01/2019

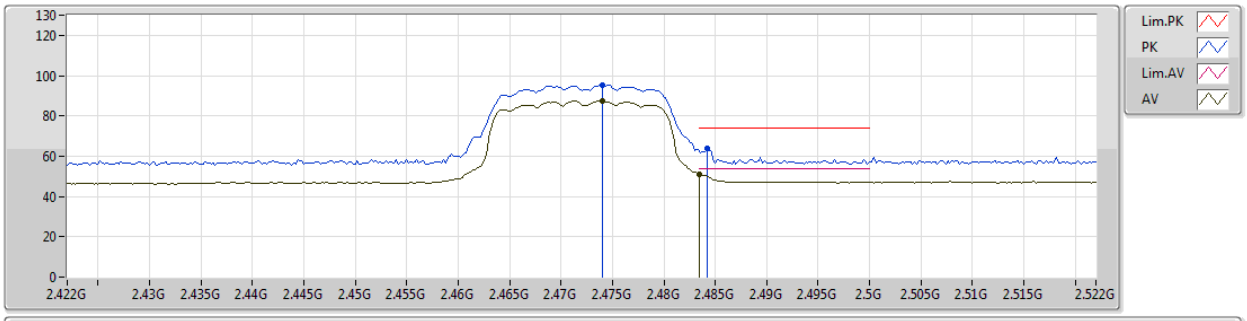



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 4.93408G | 34.09 | 54.00 | -19.91 | 6.12 | 3 | Horizontal | 358 | 1.50 | - |
| PK | 4.93389G | 45.68 | 74.00 | -28.32 | 6.12 | 3 | Horizontal | 358 | 1.50 | - |

## 802.11g_Nss1,(6Mbps)_2TX

## 2472MHz_TX

04/01/2019

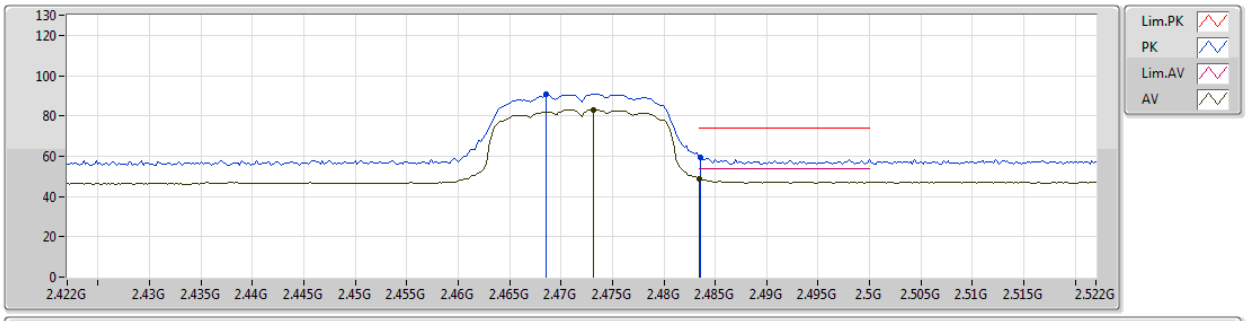



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 2.474G | 87.46 | Inf | -Inf | 30.66 | 3 | Vertical | 279 | 1.16 | - |
| AV | 2.4835G | 51.21 | 54.00 | -2.79 | 30.69 | 3 | Vertical | 279 | 1.16 | - |
| PK | 2.474G | 95.47 | Inf | -Inf | 30.66 | 3 | Vertical | 279 | 1.16 | - |
| PK | 2.4842G | 63.88 | 74.00 | -10.12 | 30.69 | 3 | Vertical | 279 | 1.16 | - |

**802.11g_Nss1,(6Mbps)_2TX**

**2472MHz_TX**

04/01/2019

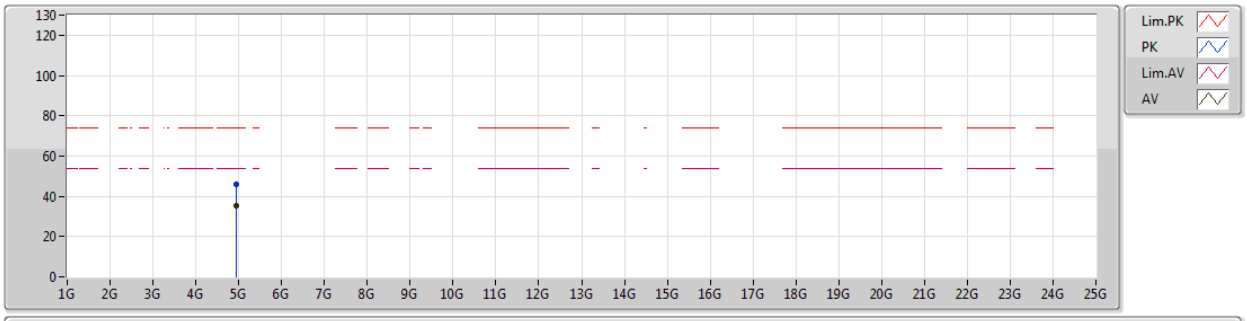



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 2.4732G | 83.11 | Inf | -Inf | 30.66 | 3 | Horizontal | 318 | 1.07 | - |
| AV | 2.4835G | 48.88 | 54.00 | -5.12 | 30.69 | 3 | Horizontal | 318 | 1.07 | - |
| PK | 2.4686G | 90.88 | Inf | -Inf | 30.64 | 3 | Horizontal | 318 | 1.07 | - |
| PK | 2.4836G | 59.25 | 74.00 | -14.75 | 30.69 | 3 | Horizontal | 318 | 1.07 | - |

**802.11g_Nss1,(6Mbps)_2TX**

**2472MHz_TX**

04/01/2019

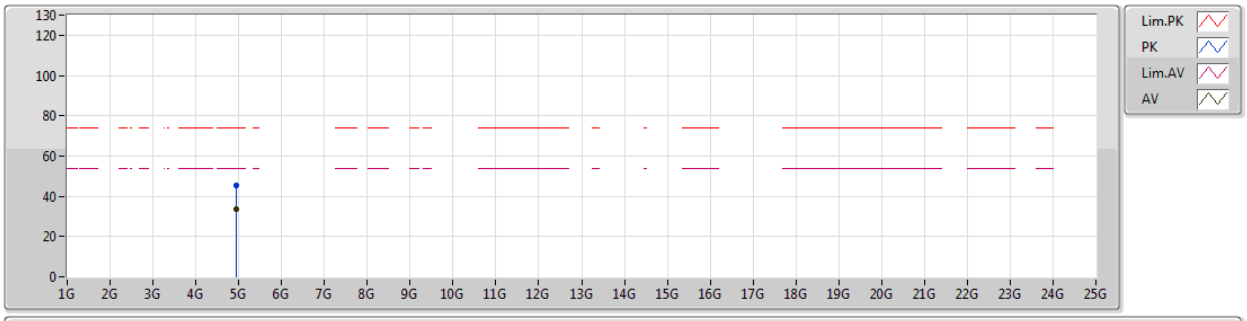



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 4.944G | 35.53 | 54.00 | -18.47 | 6.13 | 3 | Vertical | 360 | 2.48 | - |
| PK | 4.944G | 45.84 | 74.00 | -28.16 | 6.13 | 3 | Vertical | 360 | 2.48 | - |

**802.11g_Nss1,(6Mbps)_2TX**

**2472MHz_TX**

04/01/2019

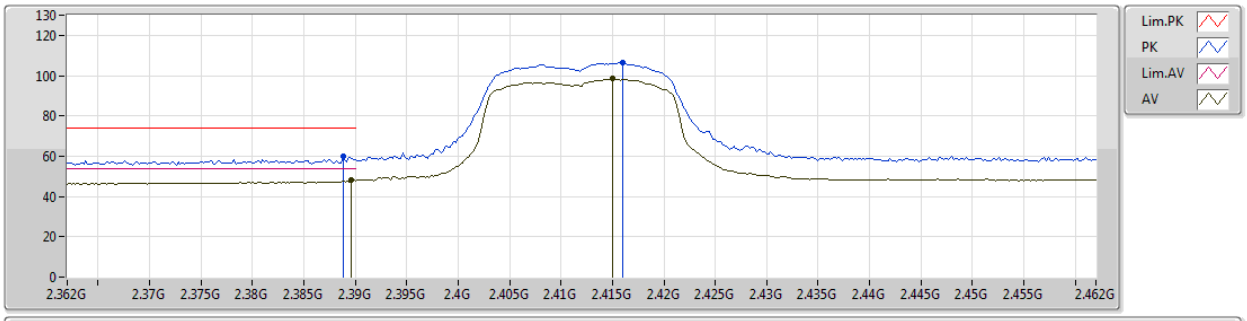



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 4.94398G | 33.55 | 54.00 | -20.45 | 6.13 | 3 | Horizontal | 107 | 1.50 | - |
| PK | 4.9437G | 45.52 | 74.00 | -28.48 | 6.13 | 3 | Horizontal | 107 | 1.50 | - |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

## 2412MHz_TX

04/01/2019

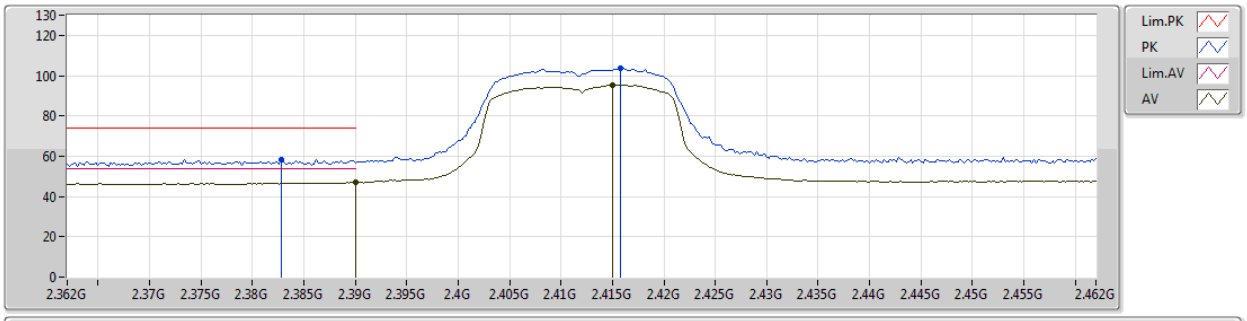



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 2.3896G | 47.93 | 54.00 | -6.07 | 30.38 | 3 | Vertical | 161 | 1.23 | - |
| AV | 2.415G | 98.36 | Inf | -Inf | 30.47 | 3 | Vertical | 161 | 1.23 | - |
| PK | 2.3888G | 59.75 | 74.00 | -14.25 | 30.37 | 3 | Vertical | 161 | 1.23 | - |
| PK | 2.416G | 106.45 | Inf | -Inf | 30.47 | 3 | Vertical | 161 | 1.23 | - |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

## 2412MHz_TX

04/01/2019

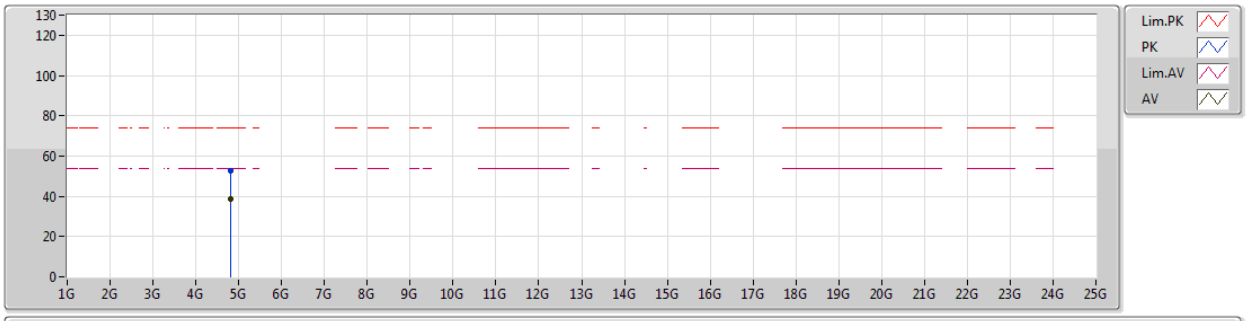



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 2.39G | 47.00 | 54.00 | -7.00 | 30.38 | 3 | Horizontal | 316 | 1.59 | - |
| AV | 2.415G | 95.25 | Inf | -Inf | 30.47 | 3 | Horizontal | 316 | 1.59 | - |
| PK | 2.3828G | 58.21 | 74.00 | -15.79 | 30.35 | 3 | Horizontal | 316 | 1.59 | - |
| PK | 2.4158G | 103.63 | Inf | -Inf | 30.47 | 3 | Horizontal | 316 | 1.59 | - |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

## 2412MHz_TX

04/01/2019

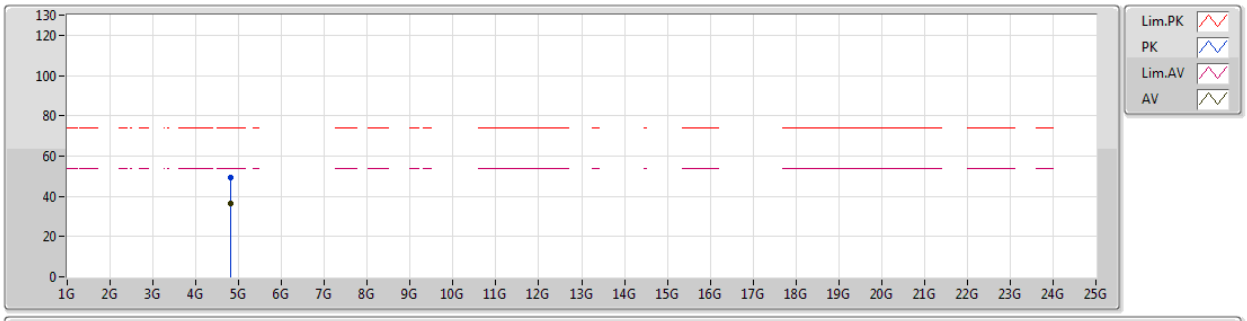



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 4.8238G | 38.92 | 54.00 | -15.08 | 5.89 | 3 | Vertical | 153 | 1.08 | - |
| PK | 4.8218G | 52.51 | 74.00 | -21.49 | 5.89 | 3 | Vertical | 153 | 1.08 | - |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

## 2412MHz_TX

04/01/2019

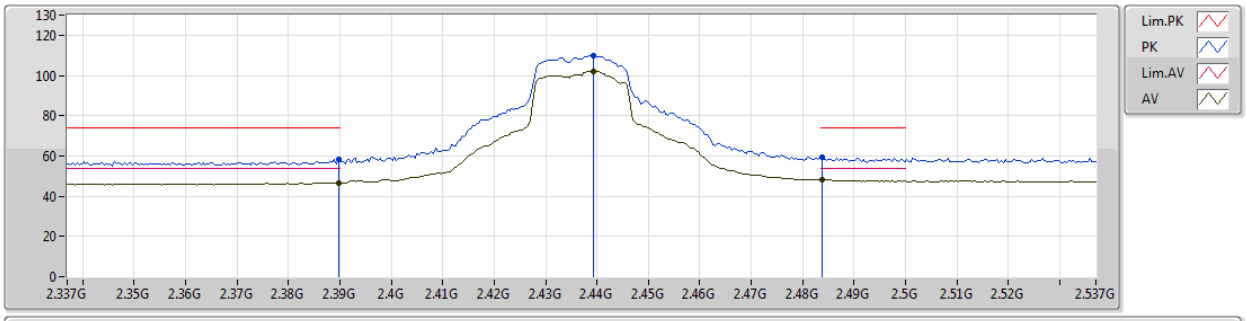



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 4.8238G | 36.18 | 54.00 | -17.82 | 5.89 | 3 | Horizontal | 7 | 1.20 | - |
| PK | 4.8223G | 49.27 | 74.00 | -24.73 | 5.89 | 3 | Horizontal | 7 | 1.20 | - |

**802.11ac VHT20_Nss1,(MCS0)_2TX**

**2437MHz_TX**

04/01/2019

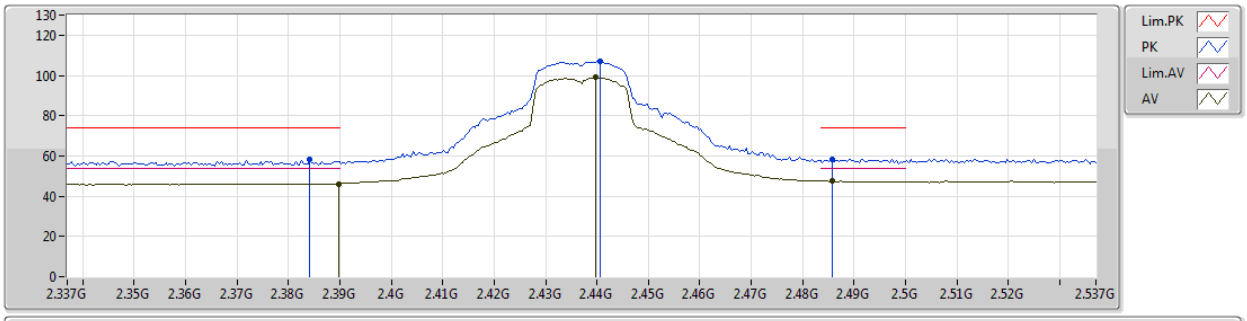



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 2.3898G | 46.74 | 54.00 | -7.26 | 30.38 | 3 | Vertical | 195 | 1.38 | - |
| AV | 2.4394G | 101.85 | Inf | -Inf | 30.54 | 3 | Vertical | 195 | 1.38 | - |
| AV | 2.4838G | 48.28 | 54.00 | -5.72 | 30.69 | 3 | Vertical | 195 | 1.38 | - |
| PK | 2.3898G | 58.49 | 74.00 | -15.51 | 30.38 | 3 | Vertical | 195 | 1.38 | - |
| PK | 2.4394G | 109.80 | Inf | -Inf | 30.54 | 3 | Vertical | 195 | 1.38 | - |
| PK | 2.4838G | 59.15 | 74.00 | -14.85 | 30.69 | 3 | Vertical | 195 | 1.38 | - |

**802.11ac VHT20_Nss1,(MCS0)_2TX**

**2437MHz_TX**

04/01/2019

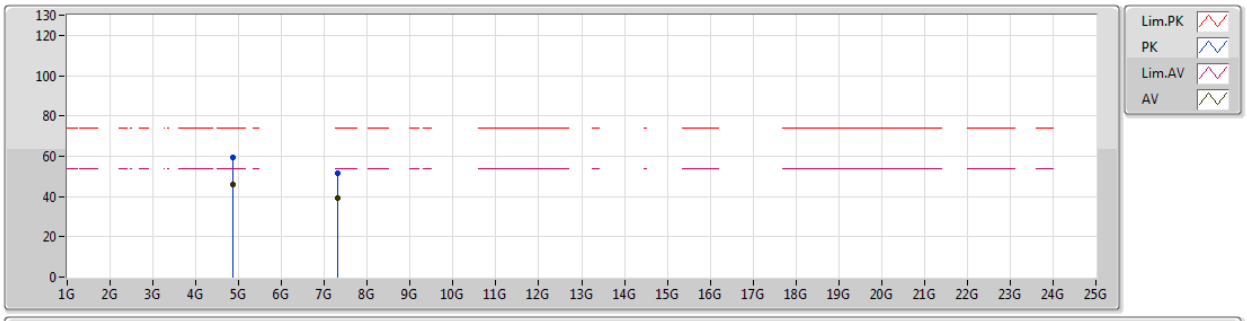



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 2.3898G | 46.22 | 54.00 | -7.78 | 30.38 | 3 | Horizontal | 317 | 1.17 | - |
| AV | 2.4398G | 98.92 | Inf | -Inf | 30.55 | 3 | Horizontal | 317 | 1.17 | - |
| AV | 2.4858G | 47.55 | 54.00 | -6.45 | 30.71 | 3 | Horizontal | 317 | 1.17 | - |
| PK | 2.3842G | 58.16 | 74.00 | -15.84 | 30.36 | 3 | Horizontal | 317 | 1.17 | - |
| PK | 2.4406G | 106.97 | Inf | -Inf | 30.55 | 3 | Horizontal | 317 | 1.17 | - |
| PK | 2.4858G | 58.48 | 74.00 | -15.52 | 30.71 | 3 | Horizontal | 317 | 1.17 | - |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

## 2437MHz_TX

04/01/2019

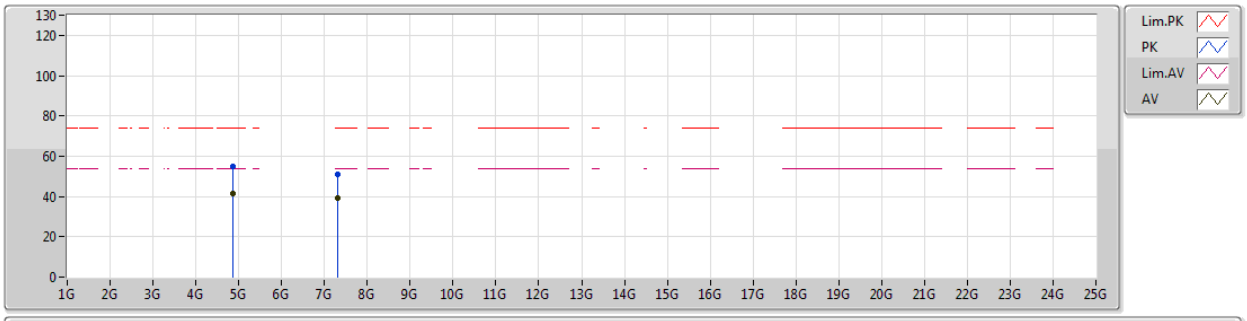



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 4.87376G | 45.80 | 54.00 | -8.20 | 6.00 | 3 | Vertical | 151 | 1.08 | - |
| AV | 7.31814G | 39.22 | 54.00 | -14.78 | 11.25 | 3 | Vertical | 15 | 1.62 | - |
| PK | 4.87208G | 59.56 | 74.00 | -14.44 | 6.00 | 3 | Vertical | 151 | 1.08 | - |
| PK | 7.31844G | 51.80 | 74.00 | -22.20 | 11.25 | 3 | Vertical | 15 | 1.62 | - |

**802.11ac VHT20_Nss1,(MCS0)_2TX**

**2437MHz_TX**

04/01/2019

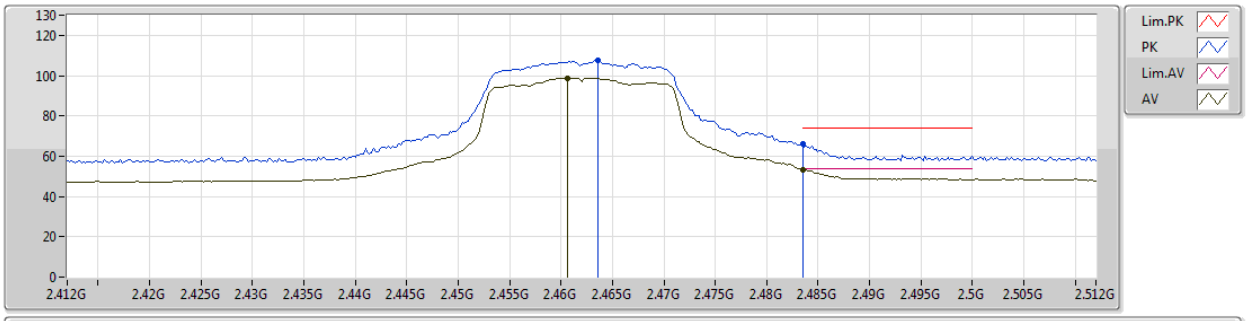



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 4.87268G | 41.39 | 54.00 | -12.61 | 6.00 | 3 | Horizontal | 0 | 1.00 | - |
| AV | 7.31046G | 39.36 | 54.00 | -14.64 | 11.22 | 3 | Horizontal | 360 | 1.49 | - |
| PK | 4.87184G | 54.90 | 74.00 | -19.10 | 6.00 | 3 | Horizontal | 0 | 1.00 | - |
| PK | 7.30296G | 51.24 | 74.00 | -22.76 | 11.20 | 3 | Horizontal | 360 | 1.49 | - |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

04/01/2019

### 2462MHz_TX

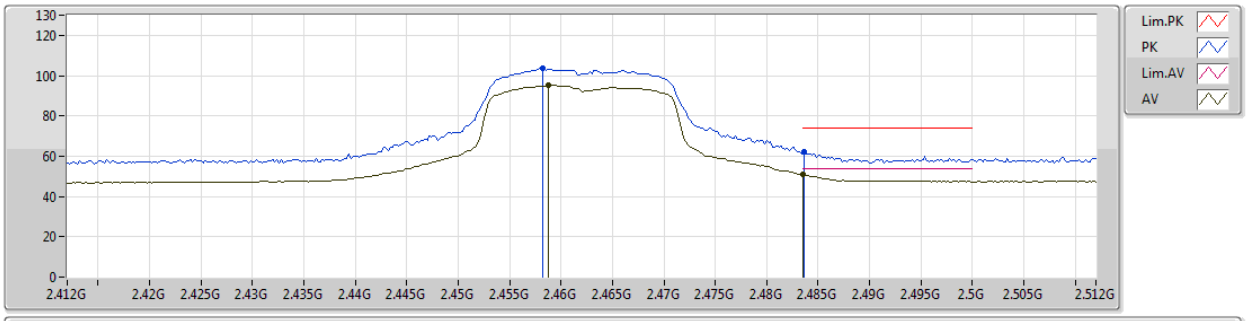



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 2.4606G | 98.82 | Inf | -Inf | 30.62 | 3 | Vertical | 217 | 1.30 | - |
| AV | 2.4835G | 53.28 | 54.00 | -0.72 | 30.69 | 3 | Vertical | 217 | 1.30 | - |
| PK | 2.4636G | 107.42 | Inf | -Inf | 30.62 | 3 | Vertical | 217 | 1.30 | - |
| PK | 2.4835G | 65.92 | 74.00 | -8.08 | 30.69 | 3 | Vertical | 217 | 1.30 | - |

**802.11ac VHT20_Nss1,(MCS0)_2TX**

**2462MHz_TX**

04/01/2019

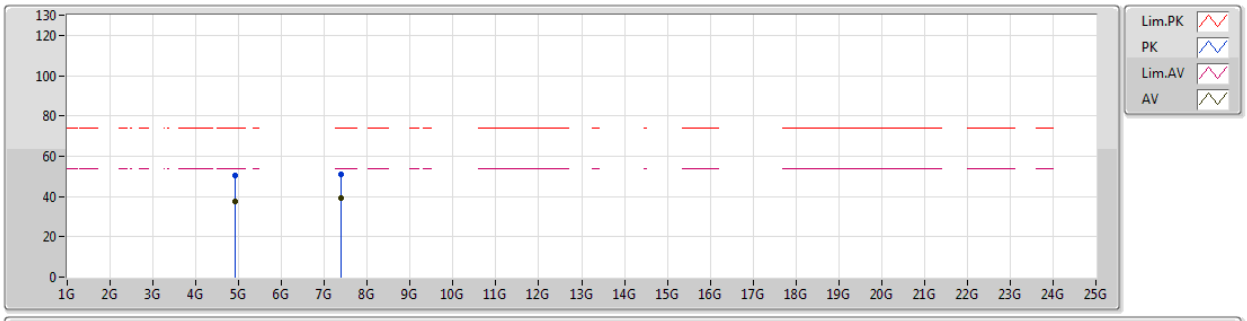



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 2.4588G | 95.13 | Inf | -Inf | 30.61 | 3 | Horizontal | 314 | 1.58 | - |
| AV | 2.4835G | 50.78 | 54.00 | -3.22 | 30.69 | 3 | Horizontal | 314 | 1.58 | - |
| PK | 2.4582G | 103.89 | Inf | -Inf | 30.61 | 3 | Horizontal | 314 | 1.58 | - |
| PK | 2.4836G | 62.08 | 74.00 | -11.92 | 30.69 | 3 | Horizontal | 314 | 1.58 | - |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

## 2462MHz_TX

04/01/2019

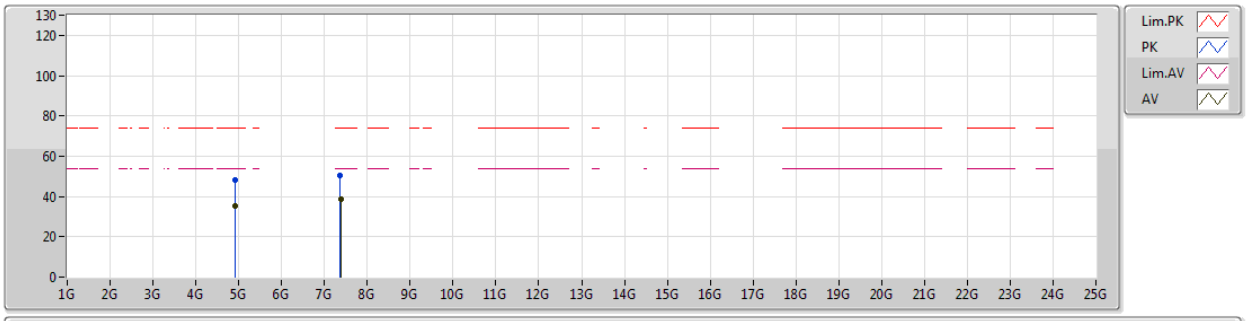



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 4.92382G | 37.32 | 54.00 | -16.68 | 6.09 | 3 | Vertical | 152 | 1.01 | - |
| AV | 7.37592G | 38.97 | 54.00 | -15.03 | 11.40 | 3 | Vertical | 20 | 1.48 | - |
| PK | 4.92214G | 50.60 | 74.00 | -23.40 | 6.09 | 3 | Vertical | 152 | 1.01 | - |
| PK | 7.38234G | 51.05 | 74.00 | -22.95 | 11.40 | 3 | Vertical | 20 | 1.48 | - |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

## 2462MHz_TX

04/01/2019

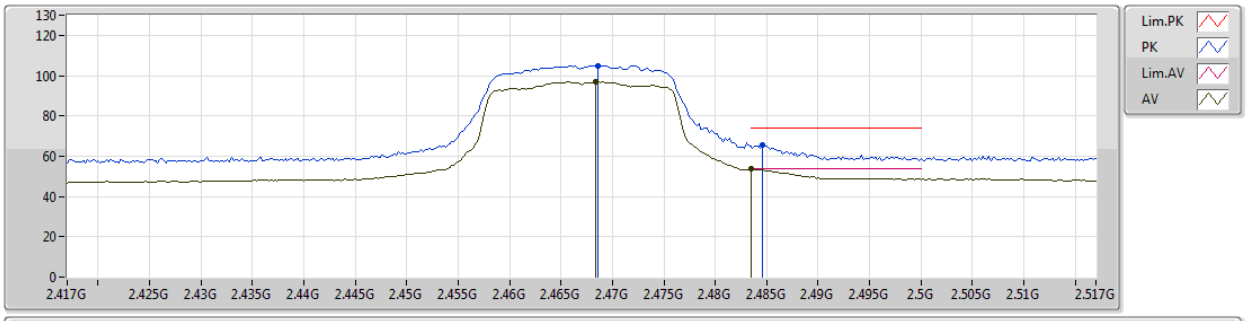



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 4.9234G | 35.52 | 54.00 | -18.48 | 6.09 | 3 | Horizontal | 0 | 1.04 | - |
| AV | 7.3794G | 38.94 | 54.00 | -15.06 | 11.41 | 3 | Horizontal | 352 | 1.44 | - |
| PK | 4.92412G | 48.09 | 74.00 | -25.91 | 6.09 | 3 | Horizontal | 0 | 1.04 | - |
| PK | 7.37178G | 50.47 | 74.00 | -23.53 | 11.38 | 3 | Horizontal | 352 | 1.44 | - |

**802.11ac VHT20_Nss1,(MCS0)_2TX**

**2467MHz_TX**

04/01/2019

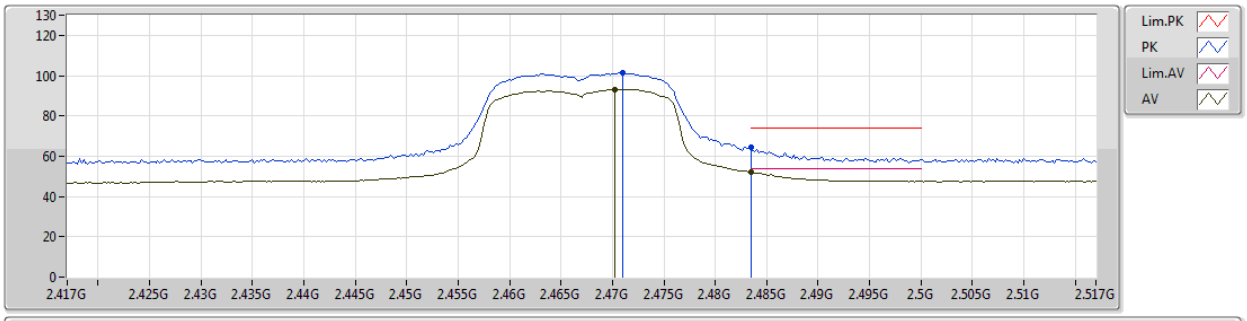



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 2.4684G | 96.82 | Inf | -Inf | 30.64 | 3 | Vertical | 217 | 1.22 | - |
| AV | 2.4835G | 53.68 | 54.00 | -0.32 | 30.69 | 3 | Vertical | 217 | 1.22 | - |
| PK | 2.4686G | 104.85 | Inf | -Inf | 30.64 | 3 | Vertical | 217 | 1.22 | - |
| PK | 2.4846G | 65.59 | 74.00 | -8.41 | 30.69 | 3 | Vertical | 217 | 1.22 | - |

**802.11ac VHT20_Nss1,(MCS0)_2TX**

**2467MHz_TX**

04/01/2019

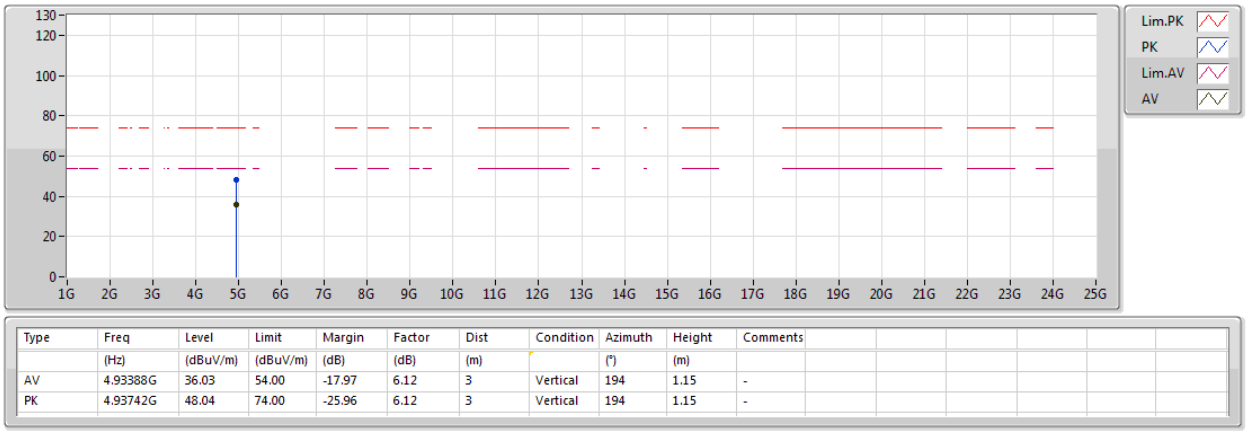



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 2.4702G | 93.21 | Inf | -Inf | 30.65 | 3 | Horizontal | 317 | 1.17 | - |
| AV | 2.4835G | 51.97 | 54.00 | -2.03 | 30.69 | 3 | Horizontal | 317 | 1.17 | - |
| PK | 2.471G | 101.62 | Inf | -Inf | 30.65 | 3 | Horizontal | 317 | 1.17 | - |
| PK | 2.4835G | 64.55 | 74.00 | -9.45 | 30.69 | 3 | Horizontal | 317 | 1.17 | - |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

## 2467MHz_TX

04/01/2019

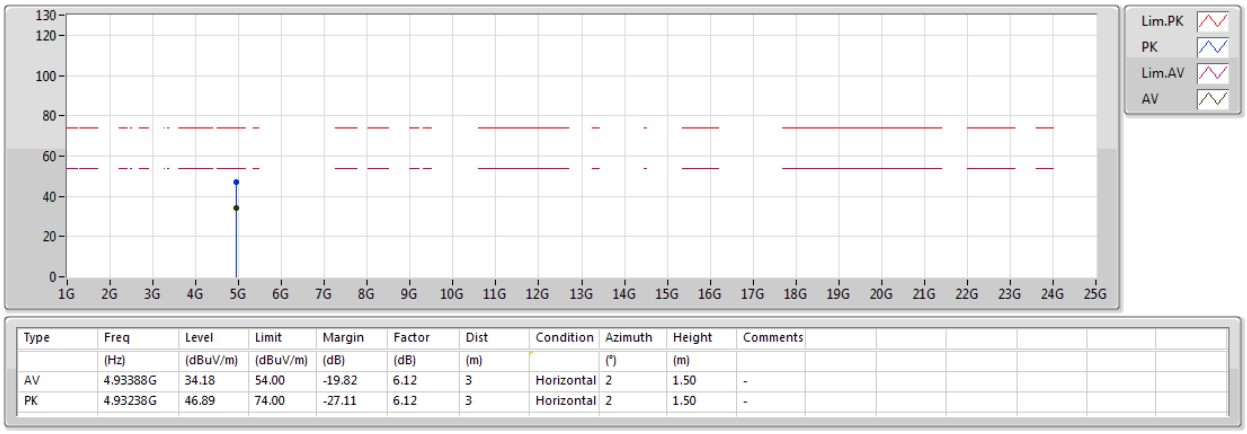



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 4.93388G | 36.03 | 54.00 | -17.97 | 6.12 | 3 | Vertical | 194 | 1.15 | - |
| PK | 4.93742G | 48.04 | 74.00 | -25.96 | 6.12 | 3 | Vertical | 194 | 1.15 | - |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

## 2467MHz_TX

04/01/2019

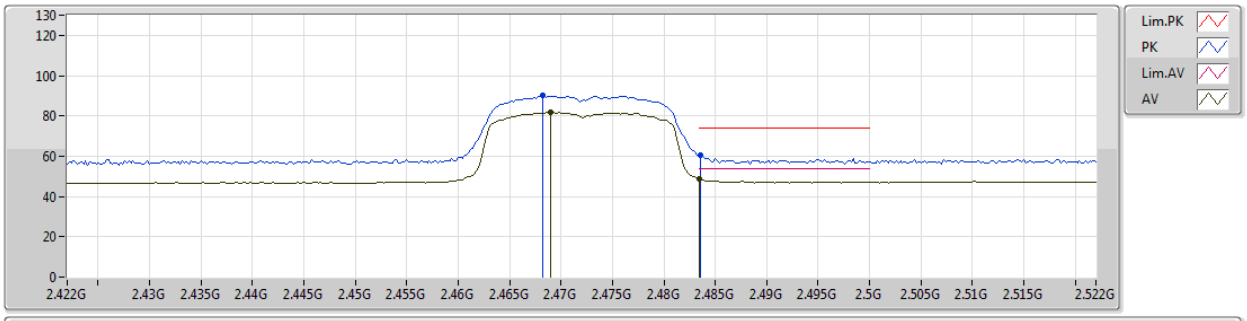



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 4.93388G | 34.18 | 54.00 | -19.82 | 6.12 | 3 | Horizontal | 2 | 1.50 | - |
| PK | 4.93238G | 46.89 | 74.00 | -27.11 | 6.12 | 3 | Horizontal | 2 | 1.50 | - |

## 802.11ac VHT20_Nss1,(MCS0)_2TX

## 2472MHz_TX

04/01/2019

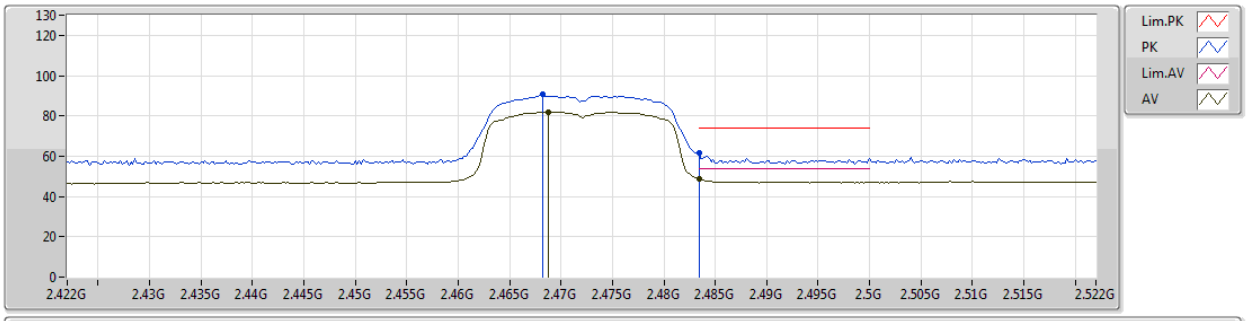



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 2.469G | 81.70 | Inf | -Inf | 30.65 | 3 | Vertical | 313 | 1.13 | - |
| AV | 2.4835G | 48.52 | 54.00 | -5.48 | 30.69 | 3 | Vertical | 313 | 1.13 | - |
| PK | 2.4682G | 90.38 | Inf | -Inf | 30.64 | 3 | Vertical | 313 | 1.13 | - |
| PK | 2.4836G | 60.43 | 74.00 | -13.57 | 30.69 | 3 | Vertical | 313 | 1.13 | - |

**802.11ac VHT20_Nss1,(MCS0)_2TX**

**2472MHz_TX**

04/01/2019

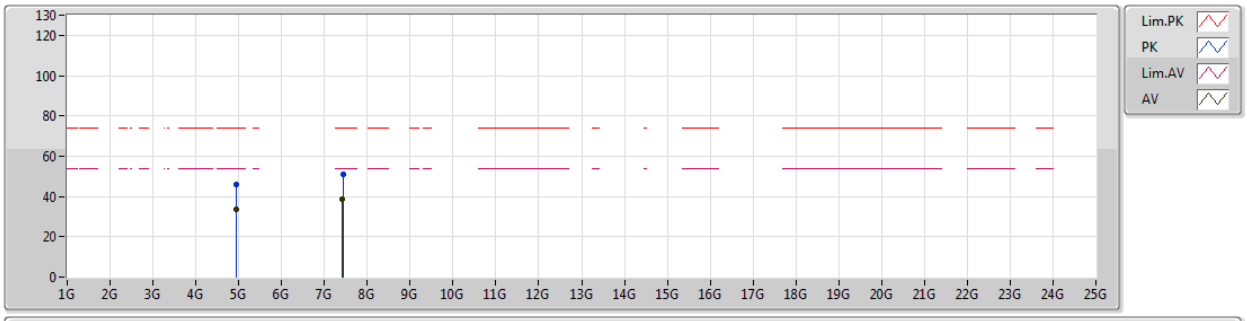



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 2.4688G | 81.95 | Inf | -Inf | 30.65 | 3 | Horizontal | 314 | 1.16 | - |
| AV | 2.4835G | 48.52 | 54.00 | -5.48 | 30.69 | 3 | Horizontal | 314 | 1.16 | - |
| PK | 2.4682G | 90.64 | Inf | -Inf | 30.64 | 3 | Horizontal | 314 | 1.16 | - |
| PK | 2.4835G | 61.55 | 74.00 | -12.45 | 30.69 | 3 | Horizontal | 314 | 1.16 | - |

**802.11ac VHT20_Nss1,(MCS0)_2TX**

**2472MHz_TX**

04/01/2019

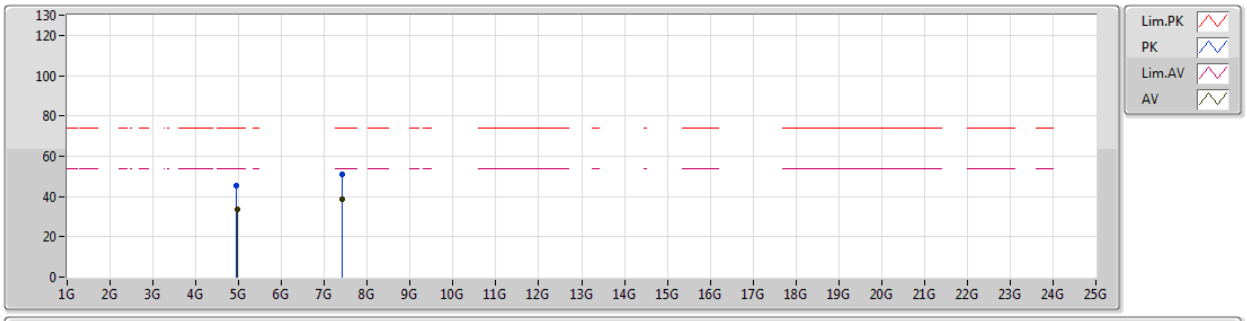



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 4.94382G | 33.76 | 54.00 | -20.24 | 6.13 | 3 | Vertical | 143 | 2.40 | - |
| AV | 7.40634G | 38.63 | 54.00 | -15.37 | 11.48 | 3 | Vertical | 43 | 1.50 | - |
| PK | 4.93896G | 45.90 | 74.00 | -28.10 | 6.12 | 3 | Vertical | 143 | 2.40 | - |
| PK | 7.43094G | 51.02 | 74.00 | -22.98 | 11.55 | 3 | Vertical | 43 | 1.50 | - |

**802.11ac VHT20_Nss1,(MCS0)_2TX**

**2472MHz_TX**

04/01/2019

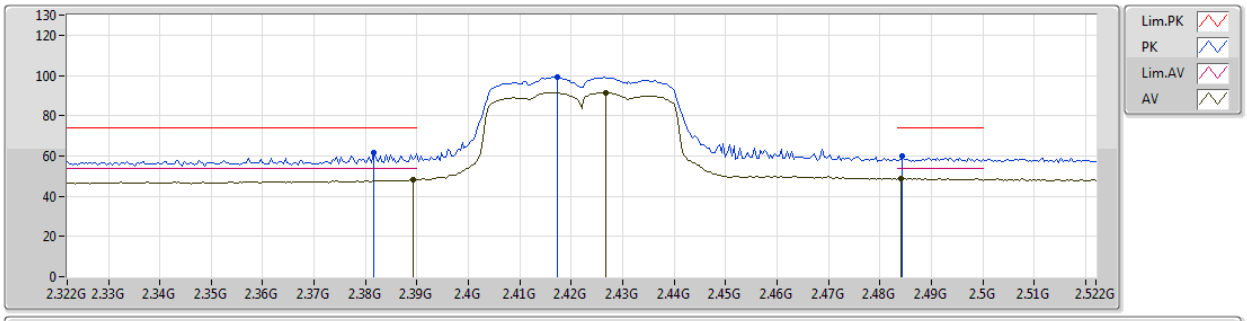



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 4.95666G | 33.60 | 54.00 | -20.40 | 6.17 | 3 | Horizontal | 46 | 1.50 | - |
| AV | 7.42716G | 38.70 | 54.00 | -15.30 | 11.53 | 3 | Horizontal | 0 | 1.50 | - |
| PK | 4.9383G | 45.58 | 74.00 | -28.42 | 6.12 | 3 | Horizontal | 46 | 1.50 | - |
| PK | 7.40592G | 50.83 | 74.00 | -23.17 | 11.49 | 3 | Horizontal | 0 | 1.50 | - |

**802.11ac VHT40_Nss1,(MCS0)_2TX**

**2422MHz_TX**

04/01/2019

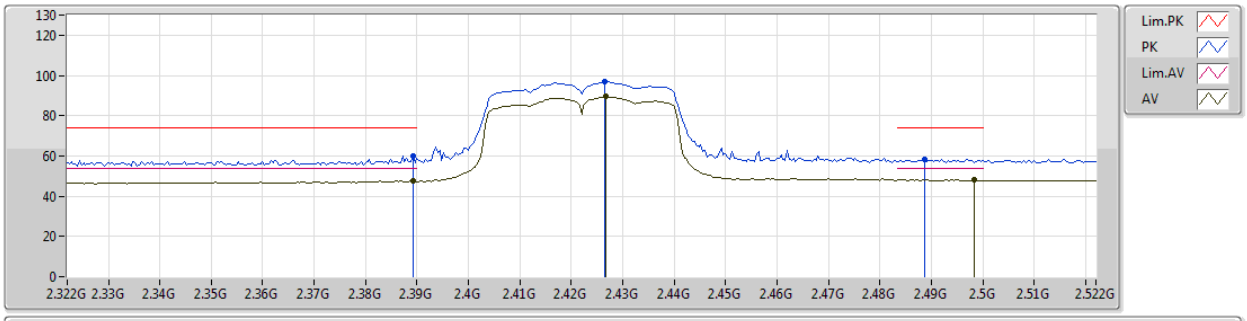



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 2.3892G | 48.35 | 54.00 | -5.65 | 30.37 | 3 | Vertical | 163 | 1.24 | - |
| AV | 2.4268G | 91.55 | Inf | -Inf | 30.50 | 3 | Vertical | 163 | 1.24 | - |
| AV | 2.484G | 48.98 | 54.00 | -5.02 | 30.69 | 3 | Vertical | 163 | 1.24 | - |
| PK | 2.3816G | 61.58 | 74.00 | -12.42 | 30.35 | 3 | Vertical | 163 | 1.24 | - |
| PK | 2.4172G | 99.16 | Inf | -Inf | 30.47 | 3 | Vertical | 163 | 1.24 | - |
| PK | 2.4844G | 60.14 | 74.00 | -13.86 | 30.69 | 3 | Vertical | 163 | 1.24 | - |

**802.11ac VHT40_Nss1,(MCS0)_2TX**

**2422MHz_TX**

04/01/2019

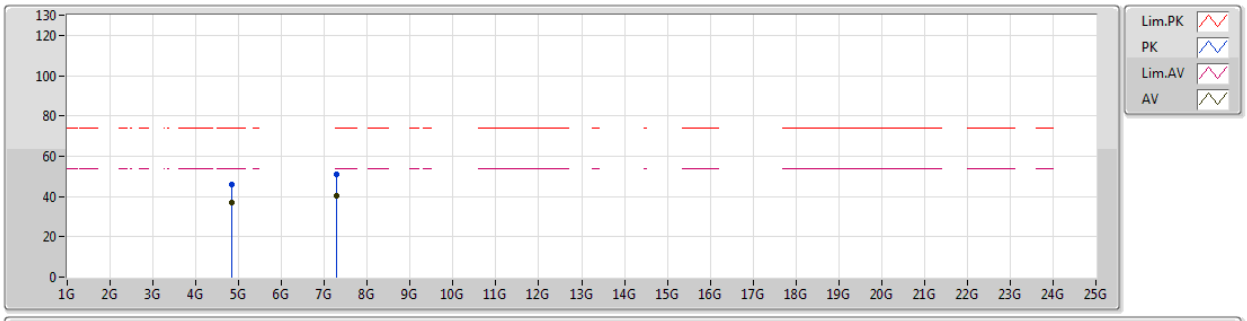



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 2.3892G | 47.46 | 54.00 | -6.54 | 30.37 | 3 | Horizontal | 316 | 1.13 | - |
| AV | 2.4268G | 89.40 | Inf | -Inf | 30.50 | 3 | Horizontal | 316 | 1.13 | - |
| AV | 2.4984G | 48.10 | 54.00 | -5.90 | 30.75 | 3 | Horizontal | 316 | 1.13 | - |
| PK | 2.3892G | 59.81 | 74.00 | -14.19 | 30.37 | 3 | Horizontal | 316 | 1.13 | - |
| PK | 2.4264G | 96.94 | Inf | -Inf | 30.50 | 3 | Horizontal | 316 | 1.13 | - |
| PK | 2.4888G | 58.27 | 74.00 | -15.73 | 30.71 | 3 | Horizontal | 316 | 1.13 | - |

## 802.11ac VHT40_Nss1,(MCS0)_2TX

## 2422MHz_TX

04/01/2019

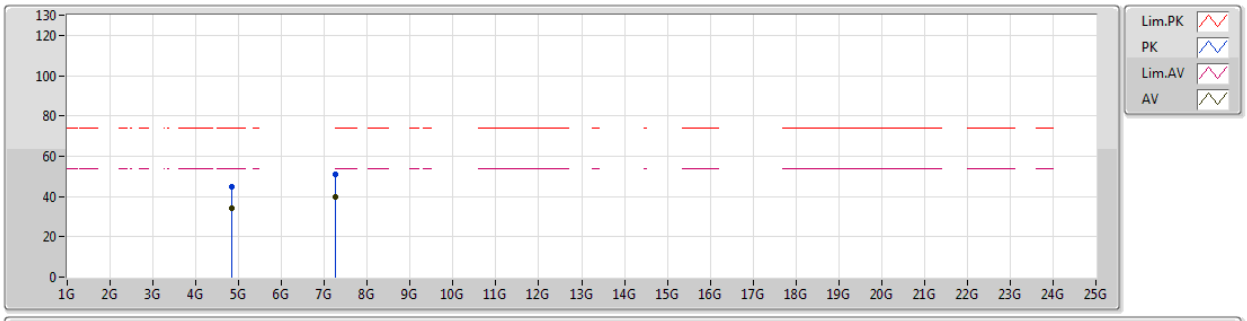



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 4.84406G | 36.75 | 54.00 | -17.25 | 5.93 | 3 | Vertical | 0 | 1.01 | - |
| AV | 7.27188G | 40.10 | 54.00 | -13.90 | 11.12 | 3 | Vertical | 39 | 1.50 | - |
| PK | 4.84388G | 46.08 | 74.00 | -27.92 | 5.93 | 3 | Vertical | 0 | 1.01 | - |
| PK | 7.28028G | 50.78 | 74.00 | -23.22 | 11.14 | 3 | Vertical | 39 | 1.50 | - |

**802.11ac VHT40_Nss1,(MCS0)_2TX**

**2422MHz_TX**

04/01/2019

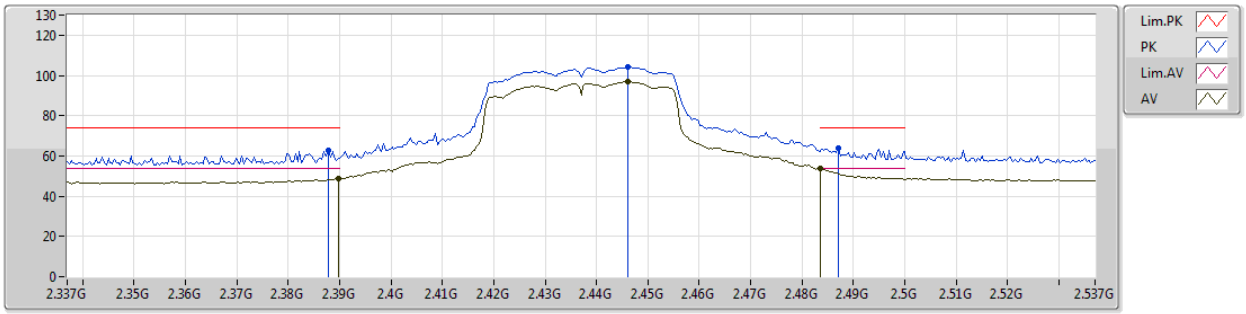



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 4.84394G | 34.41 | 54.00 | -19.59 | 5.93 | 3 | Horizontal | 12 | 1.01 | - |
| AV | 7.25808G | 39.84 | 54.00 | -14.16 | 11.08 | 3 | Horizontal | 254 | 1.32 | - |
| PK | 4.84934G | 44.81 | 74.00 | -29.19 | 5.94 | 3 | Horizontal | 12 | 1.01 | - |
| PK | 7.2588G | 51.07 | 74.00 | -22.93 | 11.08 | 3 | Horizontal | 254 | 1.32 | - |

**802.11ac VHT40_Nss1,(MCS0)_2TX**

**2437MHz_TX**

04/01/2019

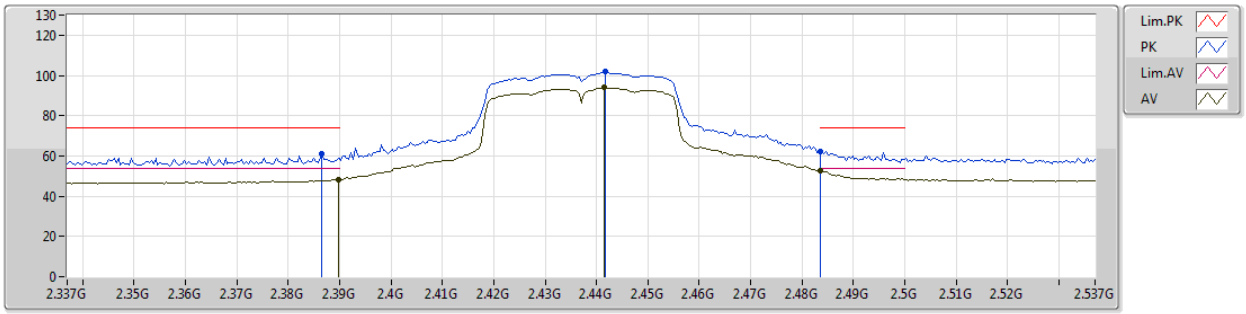



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 2.3898G | 48.78 | 54.00 | -5.22 | 30.38 | 3 | Vertical | 181 | 1.35 | - |
| AV | 2.4462G | 96.70 | Inf | -Inf | 30.57 | 3 | Vertical | 181 | 1.35 | - |
| AV | 2.4835G | 53.80 | 54.00 | -0.20 | 30.69 | 3 | Vertical | 181 | 1.35 | - |
| PK | 2.3878G | 62.63 | 74.00 | -11.37 | 30.37 | 3 | Vertical | 181 | 1.35 | - |
| PK | 2.4462G | 104.16 | Inf | -Inf | 30.57 | 3 | Vertical | 181 | 1.35 | - |
| PK | 2.487G | 63.65 | 74.00 | -10.35 | 30.71 | 3 | Vertical | 181 | 1.35 | - |

**802.11ac VHT40_Nss1,(MCS0)_2TX**

**2437MHz_TX**

04/01/2019

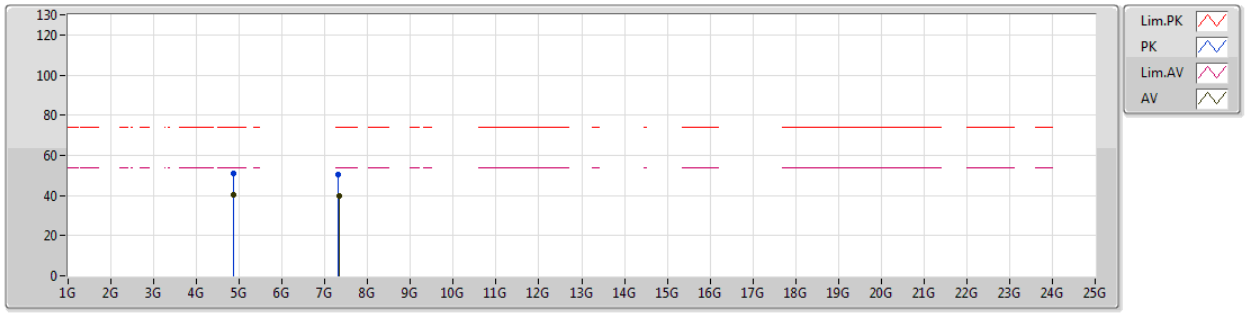



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 2.3898G | 48.15 | 54.00 | -5.85 | 30.38 | 3 | Horizontal | 315 | 1.35 | - |
| AV | 2.4414G | 93.88 | Inf | -Inf | 30.55 | 3 | Horizontal | 315 | 1.35 | - |
| AV | 2.4835G | 52.42 | 54.00 | -1.58 | 30.69 | 3 | Horizontal | 315 | 1.35 | - |
| PK | 2.3866G | 61.22 | 74.00 | -12.78 | 30.37 | 3 | Horizontal | 315 | 1.35 | - |
| PK | 2.4418G | 101.95 | Inf | -Inf | 30.55 | 3 | Horizontal | 315 | 1.35 | - |
| PK | 2.4835G | 62.31 | 74.00 | -11.69 | 30.69 | 3 | Horizontal | 315 | 1.35 | - |

## 802.11ac VHT40_Nss1,(MCS0)_2TX

## 2437MHz_TX

04/01/2019

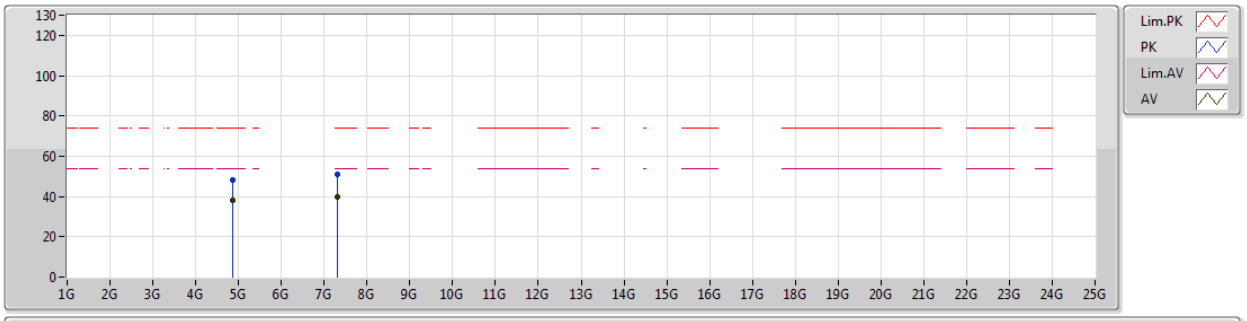



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 4.87382G | 40.33 | 54.00 | -13.67 | 6.00 | 3 | Vertical | 87 | 1.01 | - |
| AV | 7.32288G | 39.88 | 54.00 | -14.12 | 11.25 | 3 | Vertical | 0 | 2.94 | - |
| PK | 4.87442G | 50.92 | 74.00 | -23.08 | 6.00 | 3 | Vertical | 87 | 1.01 | - |
| PK | 7.3089G | 50.62 | 74.00 | -23.38 | 11.21 | 3 | Vertical | 0 | 2.94 | - |

## 802.11ac VHT40_Nss1,(MCS0)_2TX

## 2437MHz_TX

04/01/2019

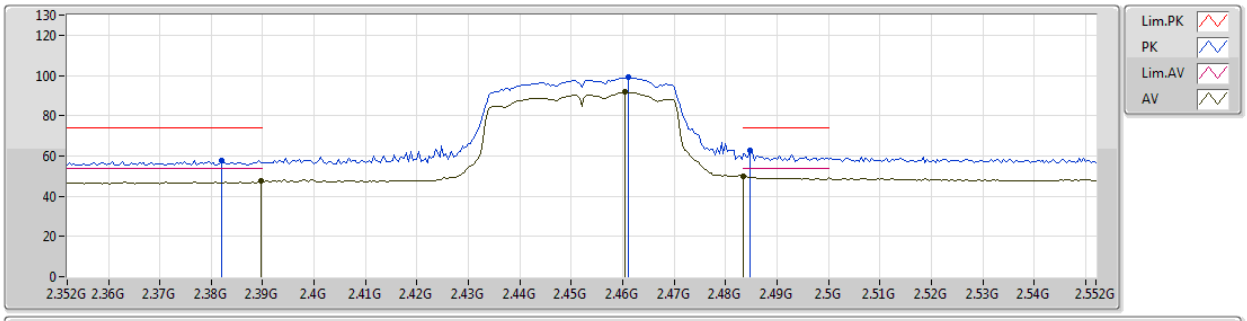



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 4.87424G | 38.10 | 54.00 | -15.90 | 6.00 | 3 | Horizontal | 7 | 1.19 | - |
| AV | 7.31784G | 39.80 | 54.00 | -14.20 | 11.25 | 3 | Horizontal | 39 | 1.50 | - |
| PK | 4.87364G | 48.12 | 74.00 | -25.88 | 6.00 | 3 | Horizontal | 7 | 1.19 | - |
| PK | 7.3002G | 50.94 | 74.00 | -23.06 | 11.19 | 3 | Horizontal | 39 | 1.50 | - |

**802.11ac VHT40_Nss1,(MCS0)_2TX**

**2452MHz_TX**

04/01/2019

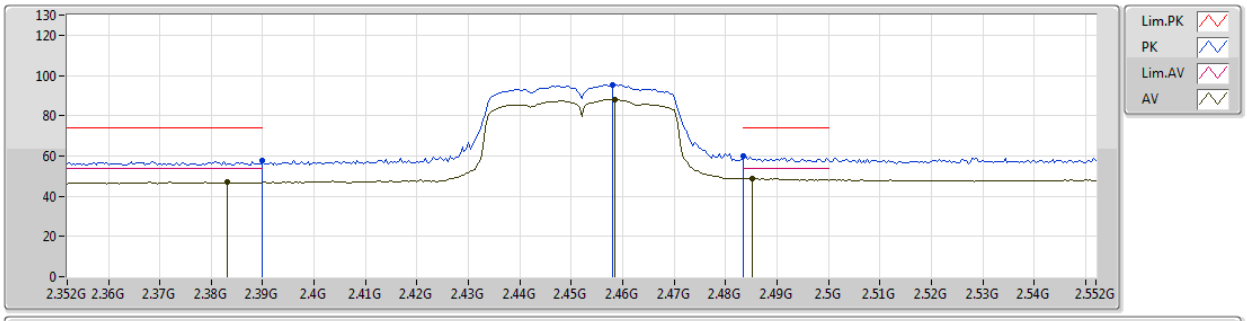



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 2.3896G | 47.47 | 54.00 | -6.53 | 30.38 | 3 | Vertical | 216 | 1.30 | - |
| AV | 2.4604G | 91.63 | Inf | -Inf | 30.61 | 3 | Vertical | 216 | 1.30 | - |
| AV | 2.4835G | 49.62 | 54.00 | -4.38 | 30.69 | 3 | Vertical | 216 | 1.30 | - |
| PK | 2.382G | 57.88 | 74.00 | -16.12 | 30.35 | 3 | Vertical | 216 | 1.30 | - |
| PK | 2.4612G | 98.93 | Inf | -Inf | 30.62 | 3 | Vertical | 216 | 1.30 | - |
| PK | 2.4848G | 62.54 | 74.00 | -11.46 | 30.69 | 3 | Vertical | 216 | 1.30 | - |

**802.11ac VHT40_Nss1,(MCS0)_2TX**

**2452MHz_TX**

04/01/2019

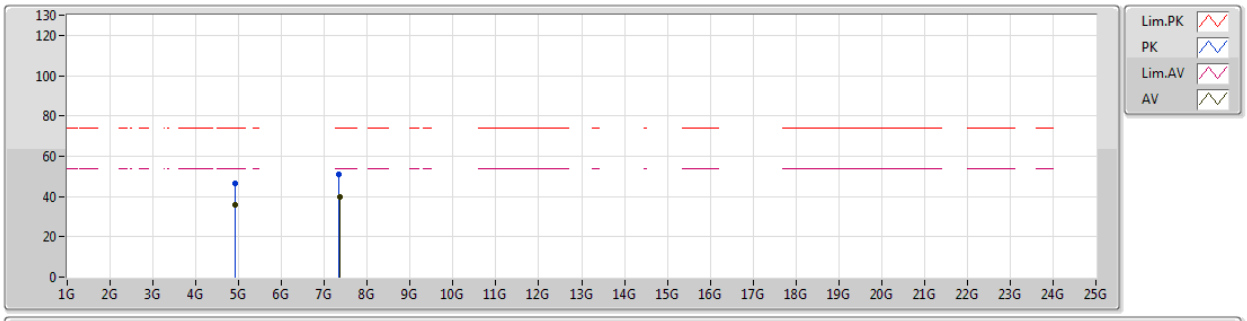



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 2.3832G | 46.91 | 54.00 | -7.09 | 30.35 | 3 | Horizontal | 318 | 1.09 | - |
| AV | 2.4584G | 87.81 | Inf | -Inf | 30.61 | 3 | Horizontal | 318 | 1.09 | - |
| AV | 2.4852G | 48.99 | 54.00 | -5.01 | 30.70 | 3 | Horizontal | 318 | 1.09 | - |
| PK | 2.39G | 57.63 | 74.00 | -16.37 | 30.38 | 3 | Horizontal | 318 | 1.09 | - |
| PK | 2.458G | 95.38 | Inf | -Inf | 30.61 | 3 | Horizontal | 318 | 1.09 | - |
| PK | 2.4835G | 59.72 | 74.00 | -14.28 | 30.69 | 3 | Horizontal | 318 | 1.09 | - |

## 802.11ac VHT40_Nss1,(MCS0)_2TX

## 2452MHz_TX

04/01/2019

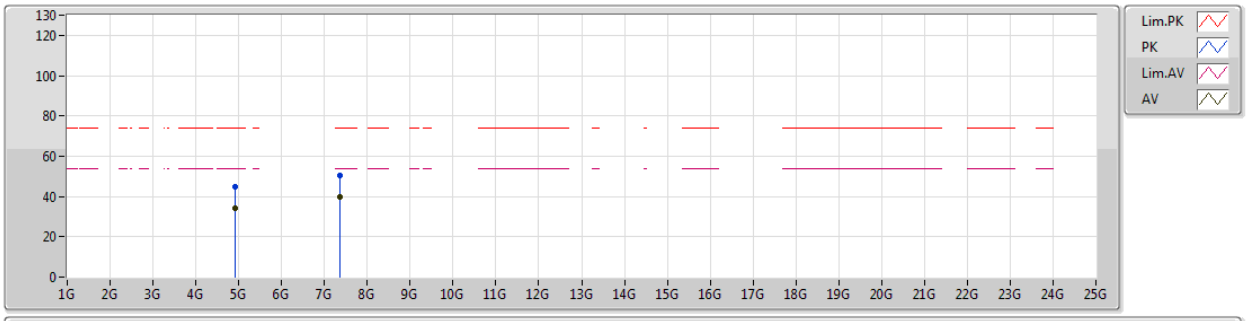



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 4.90382G | 35.82 | 54.00 | -18.18 | 6.06 | 3 | Vertical | 191 | 1.22 | - |
| AV | 7.36056G | 39.78 | 54.00 | -14.22 | 11.35 | 3 | Vertical | 52 | 1.72 | - |
| PK | 4.90664G | 46.23 | 74.00 | -27.77 | 6.06 | 3 | Vertical | 191 | 1.22 | - |
| PK | 7.34268G | 51.14 | 74.00 | -22.86 | 11.31 | 3 | Vertical | 52 | 1.72 | - |

## 802.11ac VHT40_Nss1,(MCS0)_2TX

## 2452MHz_TX

04/01/2019

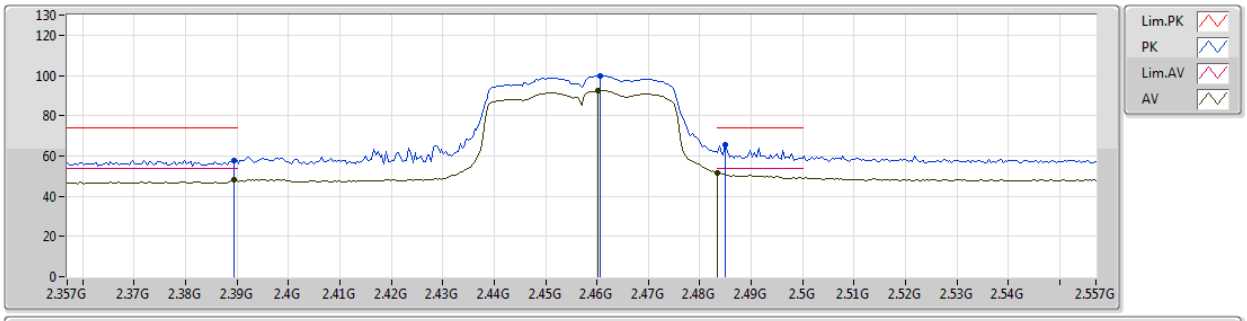



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 4.91612G | 34.29 | 54.00 | -19.71 | 6.08 | 3 | Horizontal | 187 | 1.59 | - |
| AV | 7.3635G | 39.92 | 54.00 | -14.08 | 11.37 | 3 | Horizontal | 31 | 1.50 | - |
| PK | 4.91054G | 45.08 | 74.00 | -28.92 | 6.07 | 3 | Horizontal | 187 | 1.59 | - |
| PK | 7.3674G | 50.61 | 74.00 | -23.39 | 11.38 | 3 | Horizontal | 31 | 1.50 | - |

**802.11ac VHT40_Nss1,(MCS0)_2TX**

**2457MHz_TX**

04/01/2019

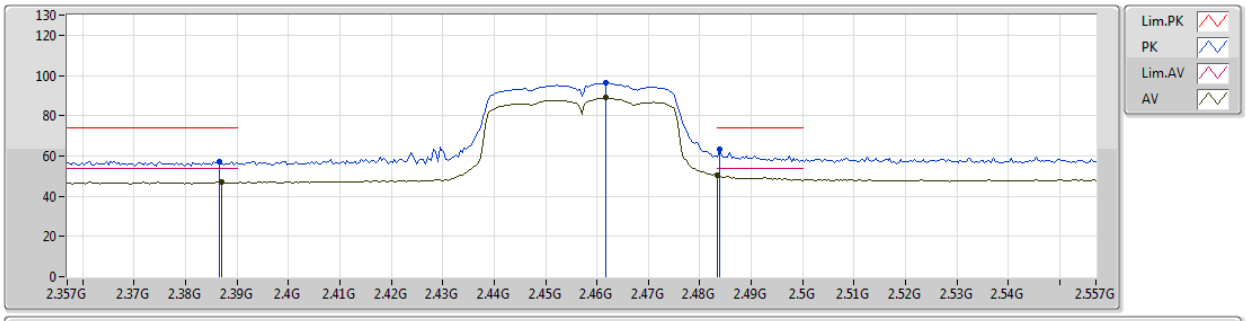



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 2.3894G | 47.92 | 54.00 | -6.08 | 30.37 | 3 | Vertical | 163 | 1.19 | - |
| AV | 2.4602G | 92.34 | Inf | -Inf | 30.61 | 3 | Vertical | 163 | 1.19 | - |
| AV | 2.4835G | 51.64 | 54.00 | -2.36 | 30.69 | 3 | Vertical | 163 | 1.19 | - |
| PK | 2.3894G | 57.82 | 74.00 | -16.18 | 30.37 | 3 | Vertical | 163 | 1.19 | - |
| PK | 2.4606G | 99.99 | Inf | -Inf | 30.62 | 3 | Vertical | 163 | 1.19 | - |
| PK | 2.485G | 65.33 | 74.00 | -8.67 | 30.69 | 3 | Vertical | 163 | 1.19 | - |

**802.11ac VHT40_Nss1,(MCS0)_2TX**

**2457MHz_TX**

04/01/2019

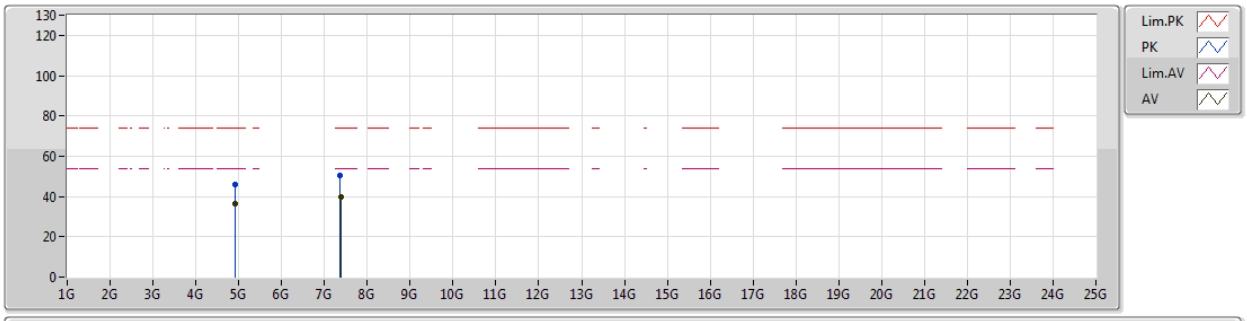



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 2.387G | 46.95 | 54.00 | -7.05 | 30.37 | 3 | Horizontal | 316 | 1.11 | - |
| AV | 2.4618G | 88.87 | Inf | -Inf | 30.62 | 3 | Horizontal | 316 | 1.11 | - |
| AV | 2.4835G | 50.22 | 54.00 | -3.78 | 30.69 | 3 | Horizontal | 316 | 1.11 | - |
| PK | 2.3866G | 57.37 | 74.00 | -16.63 | 30.37 | 3 | Horizontal | 316 | 1.11 | - |
| PK | 2.4618G | 96.18 | Inf | -Inf | 30.62 | 3 | Horizontal | 316 | 1.11 | - |
| PK | 2.4838G | 63.26 | 74.00 | -10.74 | 30.69 | 3 | Horizontal | 316 | 1.11 | - |

## 802.11ac VHT40_Nss1,(MCS0)_2TX

## 2457MHz_TX

04/01/2019

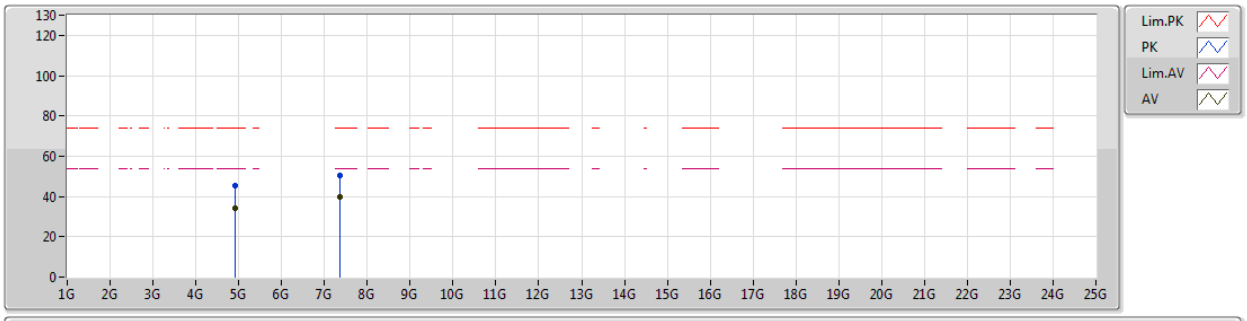



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 4.914G | 36.35 | 54.00 | -17.65 | 6.08 | 3 | Vertical | 192 | 1.36 | - |
| AV | 7.37532G | 39.80 | 54.00 | -14.20 | 11.40 | 3 | Vertical | 313 | 1.79 | - |
| PK | 4.91382G | 45.68 | 74.00 | -28.32 | 6.08 | 3 | Vertical | 192 | 1.36 | - |
| PK | 7.35666G | 50.57 | 74.00 | -23.43 | 11.34 | 3 | Vertical | 313 | 1.79 | - |

## 802.11ac VHT40_Nss1,(MCS0)_2TX

## 2457MHz_TX

04/01/2019

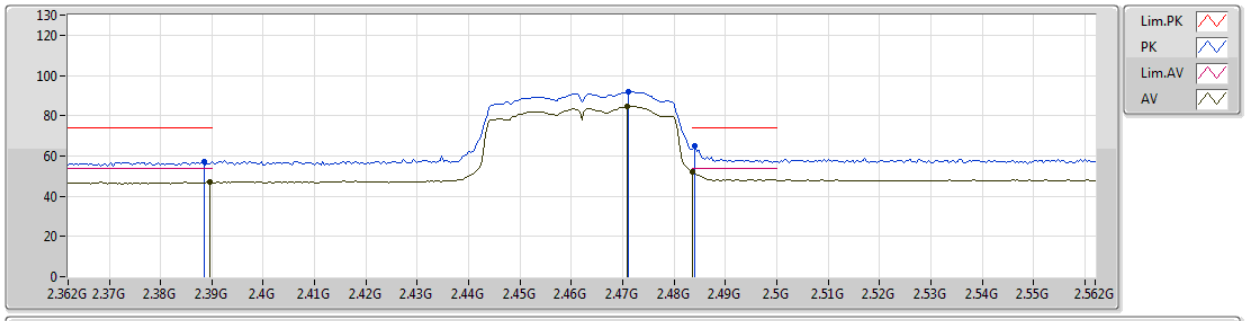



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 4.90854G | 34.17 | 54.00 | -19.83 | 6.06 | 3 | Horizontal | 0 | 1.50 | - |
| AV | 7.36272G | 39.76 | 54.00 | -14.24 | 11.36 | 3 | Horizontal | 322 | 1.50 | - |
| PK | 4.9149G | 45.28 | 74.00 | -28.72 | 6.08 | 3 | Horizontal | 0 | 1.50 | - |
| PK | 7.36356G | 50.52 | 74.00 | -23.48 | 11.37 | 3 | Horizontal | 322 | 1.50 | - |

**802.11ac VHT40_Nss1,(MCS0)_2TX**

**2462MHz_TX**

04/01/2019

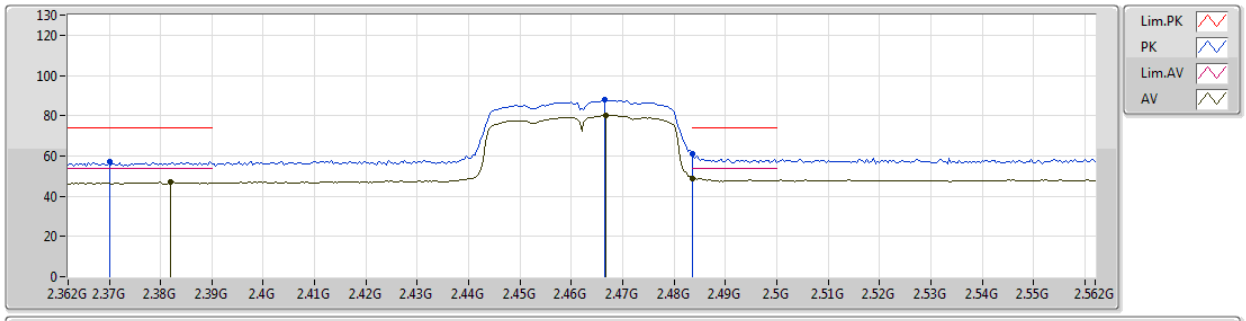



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 2.3896G | 46.99 | 54.00 | -7.01 | 30.38 | 3 | Vertical | 218 | 1.21 | - |
| AV | 2.4708G | 84.46 | Inf | -Inf | 30.65 | 3 | Vertical | 218 | 1.21 | - |
| AV | 2.4835G | 52.12 | 54.00 | -1.88 | 30.69 | 3 | Vertical | 218 | 1.21 | - |
| PK | 2.3884G | 57.25 | 74.00 | -16.75 | 30.37 | 3 | Vertical | 218 | 1.21 | - |
| PK | 2.4712G | 91.71 | Inf | -Inf | 30.65 | 3 | Vertical | 218 | 1.21 | - |
| PK | 2.484G | 64.73 | 74.00 | -9.27 | 30.69 | 3 | Vertical | 218 | 1.21 | - |

**802.11ac VHT40_Nss1,(MCS0)_2TX**

**2462MHz_TX**

04/01/2019

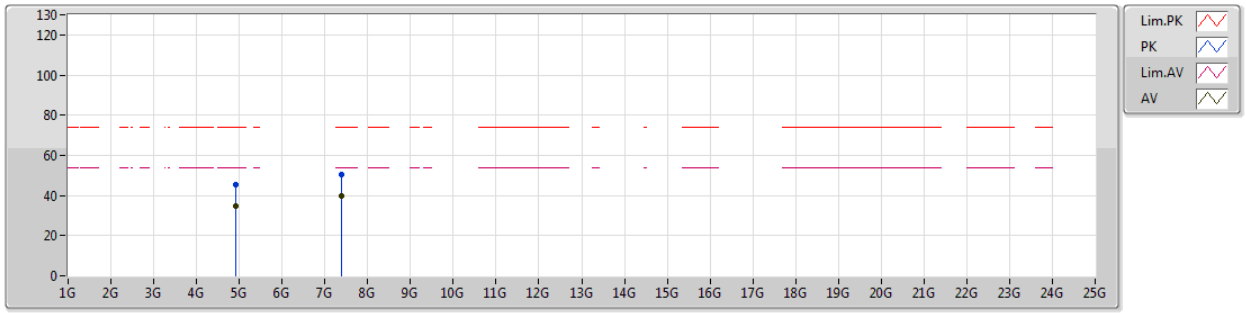



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 2.382G | 46.91 | 54.00 | -7.09 | 30.35 | 3 | Horizontal | 316 | 1.15 | - |
| AV | 2.4668G | 80.25 | Inf | -Inf | 30.64 | 3 | Horizontal | 316 | 1.15 | - |
| AV | 2.4835G | 48.97 | 54.00 | -5.03 | 30.69 | 3 | Horizontal | 316 | 1.15 | - |
| PK | 2.37G | 57.29 | 74.00 | -16.71 | 30.31 | 3 | Horizontal | 316 | 1.15 | - |
| PK | 2.4664G | 87.72 | Inf | -Inf | 30.64 | 3 | Horizontal | 316 | 1.15 | - |
| PK | 2.4835G | 60.87 | 74.00 | -13.13 | 30.69 | 3 | Horizontal | 316 | 1.15 | - |

**802.11ac VHT40_Nss1,(MCS0)_2TX**

**2462MHz_TX**

04/01/2019

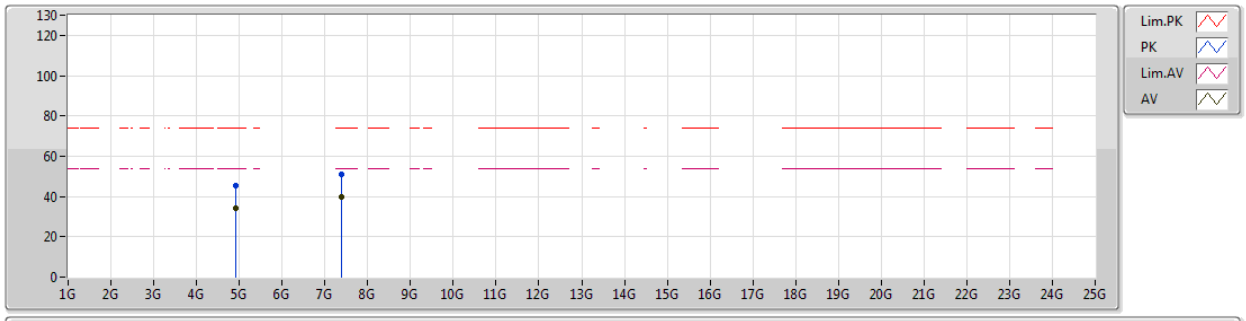



| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 4.9237G | 34.89 | 54.00 | -19.11 | 6.09 | 3 | Vertical | 196 | 1.15 | - |
| AV | 7.37574G | 39.87 | 54.00 | -14.13 | 11.40 | 3 | Vertical | 228 | 2.51 | - |
| PK | 4.92628G | 45.49 | 74.00 | -28.51 | 6.10 | 3 | Vertical | 196 | 1.15 | - |
| PK | 7.37724G | 50.44 | 74.00 | -23.56 | 11.40 | 3 | Vertical | 228 | 2.51 | - |

## 802.11ac VHT40_Nss1,(MCS0)_2TX

## 2462MHz_TX

04/01/2019




| Type | Freq | Level | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| | (Hz) | (dBuV/m) | (dBuV/m) | (dB) | (dB) | (m) | | (°) | (m) | |
| AV | 4.91056G | 34.30 | 54.00 | -19.70 | 6.07 | 3 | Horizontal | 254 | 1.36 | - |
| AV | 7.38318G | 39.63 | 54.00 | -14.37 | 11.41 | 3 | Horizontal | 122 | 1.05 | - |
| PK | 4.92922G | 45.23 | 74.00 | -28.77 | 6.10 | 3 | Horizontal | 254 | 1.36 | - |
| PK | 7.3752G | 50.75 | 74.00 | -23.25 | 11.40 | 3 | Horizontal | 122 | 1.05 | - |