

# FCC Test Report

FCC ID : HDCSDX810RG  
Equipment : Residential Gateway  
Brand Name : **ADTRAN**<sup>®</sup>  
Model No. : SDX810-RG  
Applicant : Adtran  
901 Explorer Blvd., Huntsville, AL 35806, US  
Manufacturer : XAVi Technologies Corporation  
22F., No.69, Sec. 2, Guangfu Rd., Sanchong  
Dist., New Taipei City 241, Taiwan (R.O.C.)  
Standard : 47 CFR FCC Part 15.247

The product was received on Feb. 26, 2018, and testing was started from Mar. 11, 2018 and completed on Apr. 09, 2018. We, SPORTON INTERTIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

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

  
Approved by: Allen Lin

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

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



## Table of Contents

|                                                                                |           |
|--------------------------------------------------------------------------------|-----------|
| <b>HISTORY OF THIS TEST REPORT .....</b>                                       | <b>3</b>  |
| <b>SUMMARY OF TEST RESULT .....</b>                                            | <b>4</b>  |
| <b>1 GENERAL DESCRIPTION .....</b>                                             | <b>5</b>  |
| 1.1 Information.....                                                           | 5         |
| 1.2 Testing Applied Standards .....                                            | 8         |
| 1.3 Testing Location Information .....                                         | 8         |
| 1.4 Measurement Uncertainty .....                                              | 8         |
| <b>2 TEST CONFIGURATION OF EUT.....</b>                                        | <b>9</b>  |
| 2.1 Test Condition .....                                                       | 9         |
| 2.2 Test Channel Mode .....                                                    | 9         |
| 2.3 The Worst Case Measurement Configuration.....                              | 11        |
| 2.4 Accessories .....                                                          | 12        |
| 2.5 Support Equipment.....                                                     | 12        |
| 2.6 Test Setup Diagram .....                                                   | 13        |
| <b>3 TRANSMITTER TEST RESULT .....</b>                                         | <b>14</b> |
| 3.1 AC Power-line Conducted Emissions .....                                    | 14        |
| 3.2 DTS Bandwidth.....                                                         | 15        |
| 3.3 Maximum Conducted Output Power .....                                       | 16        |
| 3.4 Power Spectral Density .....                                               | 18        |
| 3.5 Emissions in Non-restricted Frequency Bands .....                          | 19        |
| 3.6 Emissions in Restricted Frequency Bands.....                               | 20        |
| <b>4 TEST EQUIPMENT AND CALIBRATION DATA .....</b>                             | <b>24</b> |
| <b>APPENDIX A. TEST RESULTS OF AC POWER-LINE CONDUCTED EMISSIONS</b>           |           |
| <b>APPENDIX B. TEST RESULTS OF DTS BANDWIDTH</b>                               |           |
| <b>APPENDIX C. TEST RESULTS OF MAXIMUM CONDUCTED OUTPUT POWER</b>              |           |
| <b>APPENDIX D. TEST RESULTS OF POWER SPECTRAL DENSITY</b>                      |           |
| <b>APPENDIX E. TEST RESULTS OF EMISSIONS IN NON-RESTRICTED FREQUENCY BANDS</b> |           |
| <b>APPENDIX F. TEST RESULTS OF EMISSIONS IN RESTRICTED FREQUENCY BANDS</b>     |           |
| <b>APPENDIX G. TEST PHOTOS</b>                                                 |           |
| <b>PHOTOGRAPHS OF EUT V01</b>                                                  |           |



## History of this test report

| Report No.    | Version | Description             | Issued Date   |
|---------------|---------|-------------------------|---------------|
| FR6N1727-01AC | 01      | Initial issue of report | Apr. 19, 2018 |
|               |         |                         |               |
|               |         |                         |               |
|               |         |                         |               |
|               |         |                         |               |
|               |         |                         |               |
|               |         |                         |               |
|               |         |                         |               |
|               |         |                         |               |
|               |         |                         |               |
|               |         |                         |               |
|               |         |                         |               |
|               |         |                         |               |
|               |         |                         |               |
|               |         |                         |               |
|               |         |                         |               |
|               |         |                         |               |
|               |         |                         |               |
|               |         |                         |               |
|               |         |                         |               |

## 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                     |
| 3.1           | 15.207           | AC Power-line Conducted Emissions           | PASS               | FCC 15.207                     |
| 3.2           | 15.247(a)        | DTS Bandwidth                               | PASS               | ≥500kHz                        |
| 3.3           | 15.247(b)        | Maximum Conducted Output Power              | PASS               | Power [dBm]: 30                |
| 3.4           | 15.247(e)        | Power Spectral Density                      | PASS               | PSD [dBm/3kHz]: 8              |
| 3.5           | 15.247(d)        | Emissions in Non-restricted Frequency Bands | PASS               | Non-Restricted Bands: > 30 dBc |
| 3.6           | 15.247(d)        | Emissions in Restricted Frequency Bands     | PASS               | Restricted Bands: FCC 15.209   |

Reviewed by: Sam Tsai

Report Producer: Ivy Yuan

# 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)   | 2412-2462           | 1-11 [11]      |
| 2400-2483.5           | n (HT40)         | 2422-2452           | 3-9 [7]        |

| Band          | Mode         | BWch (MHz) | Nant        |
|---------------|--------------|------------|-------------|
| 2.4-2.4835GHz | 802.11b      | 20         | 1TX(Port 1) |
| 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         |

**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.
- ♦ BWch is the nominal channel bandwidth.

**1.1.2 Antenna Information**

| Ant.                | Brand | Model Name | Antenna Type | Connector |
|---------------------|-------|------------|--------------|-----------|
| <b>First group</b>  |       |            |              |           |
| 1                   | -     | -          | PIFA Antenna | I-PEX     |
| 2                   | -     | -          | PIFA Antenna | I-PEX     |
| 3                   | -     | -          | PIFA Antenna | I-PEX     |
| 4                   | -     | -          | PIFA Antenna | I-PEX     |
| 5                   | -     | -          | PIFA Antenna | I-PEX     |
| 6                   | -     | -          | PIFA Antenna | I-PEX     |
| <b>Second Group</b> |       |            |              |           |
| 7                   | -     | -          | PIFA Antenna | I-PEX     |
| 8                   | -     | -          | PIFA Antenna | I-PEX     |
| 9                   | -     | -          | PIFA Antenna | I-PEX     |
| 10                  | -     | -          | PIFA Antenna | I-PEX     |
| 11                  | -     | -          | PIFA Antenna | I-PEX     |
| 12                  | -     | -          | PIFA Antenna | I-PEX     |

| Ant. | port | Gain (dBi) |           |           |
|------|------|------------|-----------|-----------|
|      |      | 2.4G       | 5G UNII-1 | 5G UNII-3 |
| 1    | 1    | 3.7        | -         | -         |
| 2    | 2    | 4.15       | -         | -         |
| 3    | -    | -          | 2.26      | 2.96      |
| 4    | -    | -          | 3.13      | 2.99      |
| 5    | -    | -          | 2.26      | 2.96      |
| 6    | -    | -          | 3.13      | 2.99      |
| 7    | -    | 3.31       | -         | -         |
| 8    | -    | 2.99       | -         | -         |
| 9    | 1    | -          | 3.14      | 3.40      |
| 10   | 2    | -          | 4.08      | 3.80      |
| 11   | 3    | -          | 2.78      | 3.75      |
| 12   | 4    | -          | 3.4       | 3.71      |

Note 1: EUT can match with above antennas for using. Higher gain in each type of antenna was used to perform the worst configuration and result of that was recorded as the final test result.

**1.1.3 EUT Information**

|                                     |                                                                               |                                                         |  |
|-------------------------------------|-------------------------------------------------------------------------------|---------------------------------------------------------|--|
| Identify EUT                        |                                                                               |                                                         |  |
| Part Number                         | 1287850Fx (x=0~9, a~z, A~Z, blank, "-" or "+")                                |                                                         |  |
| Operational Condition               |                                                                               |                                                         |  |
| EUT Power Type                      | From AC Adapter                                                               |                                                         |  |
| Beamforming Function                | <input type="checkbox"/> With beamforming                                     | <input checked="" type="checkbox"/> Without beamforming |  |
| Type of EUT                         |                                                                               |                                                         |  |
| <input checked="" type="checkbox"/> | Stand-alone                                                                   |                                                         |  |
| <input type="checkbox"/>            | Combined (EUT where the radio part is fully integrated within another device) |                                                         |  |
|                                     | Combined Equipment - Brand Name / Model No.:                                  | ...                                                     |  |
| <input type="checkbox"/>            | Plug-in radio (EUT intended for a variety of host systems)                    |                                                         |  |
|                                     | Host System - Brand Name / Model No.:                                         | ...                                                     |  |
| <input type="checkbox"/>            | Other:                                                                        |                                                         |  |

**1.1.4 Mode Test Duty Cycle**

| Mode         | DC    | DCF(dB) | T(s)                 | VBW(Hz) $\geq 1/T$   |
|--------------|-------|---------|----------------------|----------------------|
| 802.11b      | 0.998 | 0.009   | n/a (DC $\geq$ 0.98) | n/a (DC $\geq$ 0.98) |
| 802.11g      | 0.984 | 0.07    | n/a (DC $\geq$ 0.98) | n/a (DC $\geq$ 0.98) |
| 802.11n HT20 | 0.986 | 0.061   | n/a (DC $\geq$ 0.98) | n/a (DC $\geq$ 0.98) |
| 802.11n HT40 | 0.986 | 0.061   | n/a (DC $\geq$ 0.98) | n/a (DC $\geq$ 0.98) |

## 1.2 Testing Applied Standards

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

- ♦ 47 CFR FCC Part 15
- ♦ ANSI C63.10-2013
- ♦ KDB 558074 D01 v04
- ♦ KDB 662911 D01 v02r01

## 1.3 Testing Location Information

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

| Test Condition | Test Site No. | Test Engineer | Test Environment | Test Date   |
|----------------|---------------|---------------|------------------|-------------|
| RF Conducted   | TH06-HY       | Tim           | 22.5°C / 65%     | 09/Apr/2018 |
| Radiated       | 03CH03-HY     | Justin        | 21°C / 50%       | 24/Mar/2018 |
| AC Conduction  | CO04-HY       | Jeff          | 23.2°C / 56%     | 29/Mar/2018 |

## 1.4 Measurement Uncertainty

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

| Test Items                           | Uncertainty | Remark                   |
|--------------------------------------|-------------|--------------------------|
| Conducted Emission (150kHz ~ 30MHz)  | 3.6 dB      | Confidence levels of 95% |
| Radiated Emission (9kHz ~ 30MHz)     | 3.0 dB      | Confidence levels of 95% |
| Radiated Emission (30MHz ~ 1,000MHz) | 4.3 dB      | Confidence levels of 95% |
| Radiated Emission (1GHz ~ 18GHz)     | 3.9 dB      | Confidence levels of 95% |
| Radiated Emission (18GHz ~ 40GHz)    | 3.5 dB      | Confidence levels of 95% |
| Conducted Emission                   | 1.3 dB      | Confidence levels of 95% |
| Temperature                          | 0.7 °C      | Confidence levels of 95% |
| Humidity                             | 4 %         | Confidence levels of 95% |

## 2 Test Configuration of EUT

### 2.1 Test Condition

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

### 2.2 Test Channel Mode

|                       |                 |
|-----------------------|-----------------|
| Test Software Version | MTool _ 2.0.3.2 |
|-----------------------|-----------------|

| Mode                            | Power Setting |
|---------------------------------|---------------|
| 802.11b_Nss1,(1Mbps)_1TX(Port1) | -             |
| 2412MHz                         | 69            |
| 2417MHz                         | 71            |
| 2437MHz                         | 71            |
| 2457MHz                         | 71            |
| 2462MHz                         | 67            |
| 802.11g_Nss1,(6Mbps)_2TX        | -             |
| 2412MHz                         | 54            |
| 2417MHz                         | 62            |
| 2422MHz                         | 63            |
| 2427MHz                         | 62            |
| 2432MHz                         | 62            |
| 2437MHz                         | 63            |
| 2442MHz                         | 62            |
| 2447MHz                         | 62            |
| 2452MHz                         | 62            |
| 2457MHz                         | 58            |
| 2462MHz                         | 49            |
| 802.11n HT20_Nss1,(MCS0)_2TX    | -             |
| 2412MHz                         | 46            |
| 2417MHz                         | 58            |
| 2422MHz                         | 64            |
| 2427MHz                         | 64            |
| 2432MHz                         | 63            |



| Mode                         | Power Setting |
|------------------------------|---------------|
| 2437MHz                      | 63            |
| 2442MHz                      | 63            |
| 2447MHz                      | 63            |
| 2452MHz                      | 61            |
| 2457MHz                      | 53            |
| 2462MHz                      | 46            |
| 802.11n HT40_Nss1,(MCS0)_2TX | -             |
| 2422MHz                      | 35            |
| 2427MHz                      | 36            |
| 2432MHz                      | 40            |
| 2437MHz                      | 44            |
| 2442MHz                      | 40            |
| 2447MHz                      | 36            |
| 2452MHz                      | 33            |

## 2.3 The Worst Case Measurement Configuration

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

| The Worst Case Mode for Following Conformance Tests |                                                                                                                          |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <b>Tests Item</b>                                   | DTS Bandwidth<br>Maximum Conducted Output Power<br>Power Spectral Density<br>Emissions in Non-restricted Frequency Bands |
| <b>Test Condition</b>                               | Conducted measurement at transmit chains                                                                                 |

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

| The Worst Case Mode for Following Conformance Tests                                   |                                    |
|---------------------------------------------------------------------------------------|------------------------------------|
| <b>Tests Item</b>                                                                     | Simultaneous Transmission Analysis |
| <b>Operating Mode</b>                                                                 | Normal Link                        |
| 1                                                                                     | WLAN 2.4GHz+ WLAN 5GHz             |
| Refer to Sporton Test Report No.: FA6N1727-01 for Co-location RF Exposure Evaluation. |                                    |

## 2.4 Accessories

| Accessories |              |                                                 |            |                 |
|-------------|--------------|-------------------------------------------------|------------|-----------------|
| AC Adapter  | Brand Name   | SUNNY                                           | Model Name | SYS1564-3012-W2 |
|             | Power Rating | I/P: 100 - 240 Vac, 1 A, O/P: 12 Vdc, 2.5 A     |            |                 |
|             | Power Cord   | 1.5 meter, non-shielded cable, w/o ferrite core |            |                 |

## 2.5 Support Equipment

| Support Equipment – RF Conducted |                |            |            |        |
|----------------------------------|----------------|------------|------------|--------|
| No.                              | Equipment      | Brand Name | Model Name | FCC ID |
| 1                                | Notebook       | DELL       | E5410      | DoC    |
| 2                                | Adapter for NB | DELL       | HA65NM130  | DoC    |

| Support Equipment – Radiated Emission |                     |            |            |        |
|---------------------------------------|---------------------|------------|------------|--------|
| No.                                   | Equipment           | Brand Name | Model Name | FCC ID |
| 1                                     | Notebook (remote)   | DELL       | E4300      | -      |
| 2                                     | Notebook (remote)   | DELL       | E4300      | -      |
| 3                                     | AC adapter (remote) | DELL       | LA65NS2-01 | -      |
| 4                                     | Client (remote)     | -          | -          | -      |

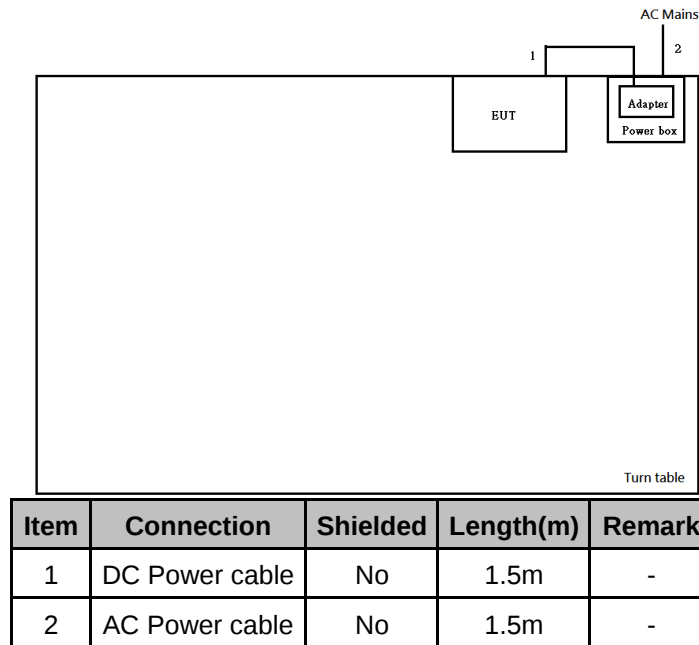
Note: Support equipment No.4 was provided by customer.

| Support Equipment – AC Conduction |                     |            |            |        |
|-----------------------------------|---------------------|------------|------------|--------|
| No.                               | Equipment           | Brand Name | Model Name | FCC ID |
| 1                                 | Notebook (remote)   | DELL       | E4300      | -      |
| 2                                 | Notebook (remote)   | DELL       | E5530      | -      |
| 3                                 | AC adapter (remote) | DELL       | LA65NS2-01 | -      |
| 4                                 | Client (remote)     | -          | -          | -      |

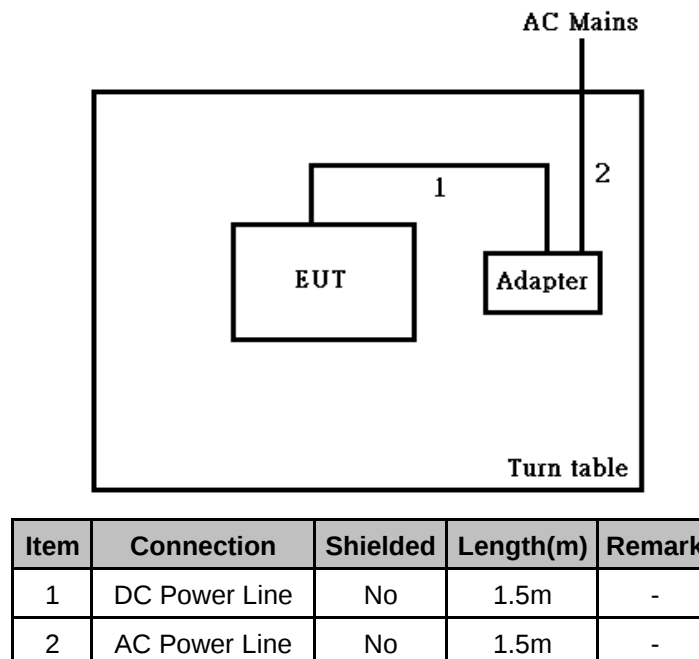
Note: Support equipment No.4 was provided by customer.

## 2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Test Setup Diagram - Radiated Test



### 3 Transmitter Test Result

#### 3.1 AC Power-line Conducted Emissions

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

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

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

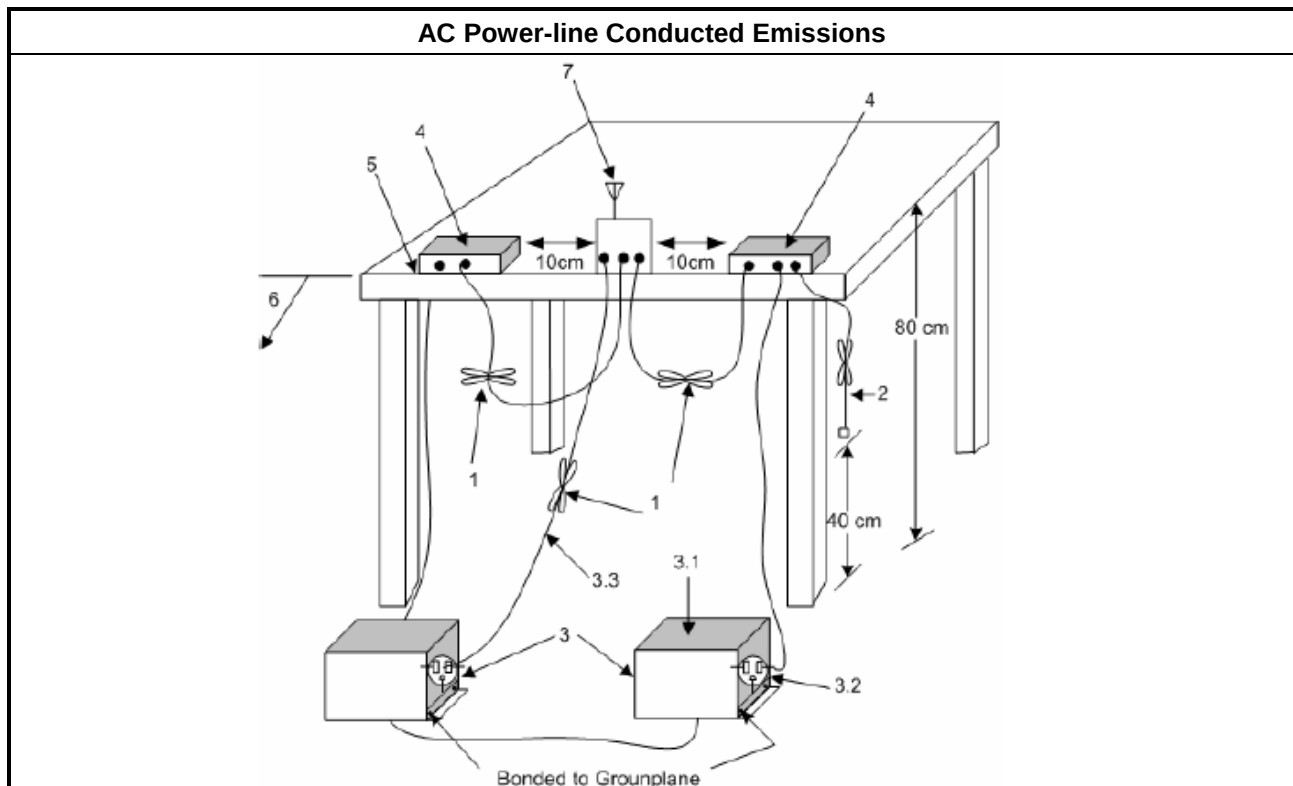
##### 3.1.2 Measuring Instruments

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

##### 3.1.3 Test Procedures

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

##### 3.1.4 Test Setup



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

Refer as Appendix A

## 3.2 DTS Bandwidth

### 3.2.1 6dB Bandwidth Limit

| 6dB Bandwidth Limit                                 |                                |
|-----------------------------------------------------|--------------------------------|
| <b>Systems using digital modulation techniques:</b> |                                |
| ▪                                                   | 6 dB bandwidth $\geq$ 500 kHz. |

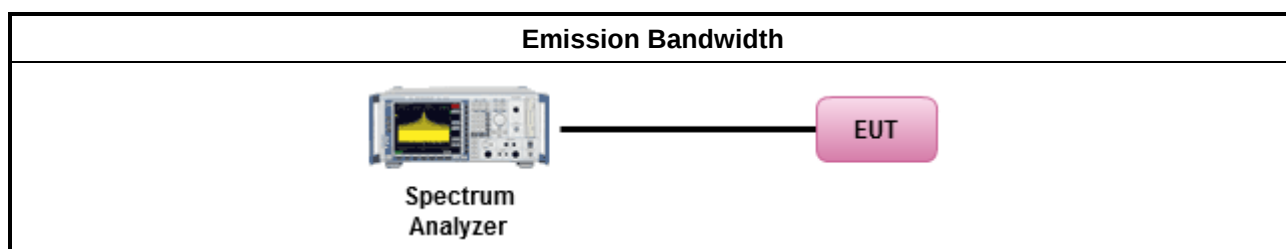
### 3.2.2 Measuring Instruments

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

### 3.2.3 Test Procedures

| Test Method                         |                                                                              |
|-------------------------------------|------------------------------------------------------------------------------|
| ▪                                   | For the emission bandwidth shall be measured using one of the options below: |
| <input checked="" type="checkbox"/> | Refer as KDB 558074, clause 8.1 Option 1 for 6 dB bandwidth measurement.     |
| <input type="checkbox"/>            | Refer as KDB 558074, clause 8.2 Option 2 for 6 dB bandwidth measurement.     |
| <input type="checkbox"/>            | Refer as RSS-Gen, clause 6.6 for occupied bandwidth testing.                 |
| <input type="checkbox"/>            | Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.           |

### 3.2.4 Test Setup



### 3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

### 3.3 Maximum Conducted Output Power

#### 3.3.1 Maximum Conducted Output Power Limit

| Maximum Conducted Output Power Limit                                                                                                                              |   |                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|----------------------------------------------------------------------------------------------------|
|                                                                                                                                                                   | ▪ | If $G_{TX} \leq 6$ dBi, then $P_{Out} \leq 30$ dBm (1 W)                                           |
|                                                                                                                                                                   | ▪ | Point-to-multipoint systems (P2M): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$ dBm     |
|                                                                                                                                                                   | ▪ | Point-to-point systems (P2P): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm        |
|                                                                                                                                                                   | ▪ | Smart antenna system (SAS):                                                                        |
|                                                                                                                                                                   | - | Single beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm                         |
|                                                                                                                                                                   | - | Overlap beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm                        |
|                                                                                                                                                                   | - | Aggregate power on all beams: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3 + 8$ dB dBm |
| e.i.r.p. Power Limit:                                                                                                                                             |   |                                                                                                    |
|                                                                                                                                                                   | ▪ | 2400-2483.5 MHz Band                                                                               |
|                                                                                                                                                                   | ▪ | Point-to-multipoint systems (P2M): $P_{eirp} \leq 36$ dBm (4 W)                                    |
|                                                                                                                                                                   | ▪ | Point-to-point systems (P2P): $P_{eirp} \leq \text{MAX}(36, [P_{Out} + G_{TX}])$ dBm               |
|                                                                                                                                                                   | ▪ | Smart antenna system (SAS)                                                                         |
|                                                                                                                                                                   | - | Single beam: $P_{eirp} \leq \text{MAX}(36, P_{Out} + G_{TX})$ dBm                                  |
|                                                                                                                                                                   | - | Overlap beam: $P_{eirp} \leq \text{MAX}(36, P_{Out} + G_{TX})$ dBm                                 |
|                                                                                                                                                                   | - | Aggregate power on all beams: $P_{eirp} \leq \text{MAX}(36, [P_{Out} + G_{TX} + 8])$ dBm           |
| $P_{Out}$ = maximum peak conducted output power or maximum conducted output power in dBm,<br>$G_{TX}$ = the maximum transmitting antenna directional gain in dBi. |   |                                                                                                    |

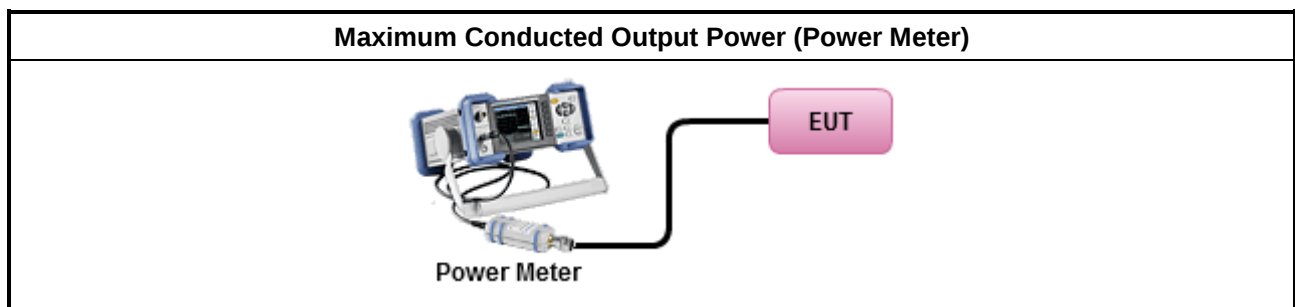
#### 3.3.2 Measuring Instruments

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

### 3.3.3 Test Procedures

| Test Method                                                                                                                                                                                                                                                                                                                                                        |                                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>Maximum Peak Conducted Output Power</li> </ul>                                                                                                                                                                                                                                                                              |                                                                                     |
| <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                           | Refer as KDB 558074, clause 9.1.1 Option 1 (RBW ≥ EBW method).                      |
| <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                           | Refer as KDB 558074, clause 9.1.2 Option 2 (integrated band power method)           |
| <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                           | Refer as KDB 558074, clause 9.1.3 Option 3 (peak power meter for VBW ≥ DTS BW)      |
| <ul style="list-style-type: none"> <li>Maximum Average Conducted Output Power</li> </ul>                                                                                                                                                                                                                                                                           |                                                                                     |
| Duty cycle ≥ 98%                                                                                                                                                                                                                                                                                                                                                   |                                                                                     |
| <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                           | Refer as KDB 558074, clause 9.2.2.4 Method AVGSA-2 (spectral trace averaging).      |
| Duty cycle < 98%                                                                                                                                                                                                                                                                                                                                                   |                                                                                     |
| <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                           | Refer as KDB 558074, clause 9.2.2.5 Method AVGSA-2 Alt. (slow sweep speed)          |
| RF power meter and average over on/off periods with duty factor or gated trigger                                                                                                                                                                                                                                                                                   |                                                                                     |
| <input checked="" type="checkbox"/>                                                                                                                                                                                                                                                                                                                                | Refer as KDB 558074, clause 9.2.3.1 Method AVGPM (using an RF average power meter). |
| <ul style="list-style-type: none"> <li>For conducted measurement.</li> </ul>                                                                                                                                                                                                                                                                                       |                                                                                     |
| <ul style="list-style-type: none"> <li>If the EUT supports multiple transmit chains using options given below:<br/>Refer as KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.</li> </ul> |                                                                                     |
| <ul style="list-style-type: none"> <li>If multiple transmit chains, EIRP calculation could be following as methods:<br/> <math display="block">P_{total} = P_1 + P_2 + \dots + P_n</math> (calculated in linear unit [mW] and transfer to log unit [dBm])<br/> <math display="block">EIRP_{total} = P_{total} + DG</math> </li> </ul>                              |                                                                                     |

### 3.3.4 Test Setup



### 3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

### 3.4 Power Spectral Density

#### 3.4.1 Power Spectral Density Limit

| Power Spectral Density Limit |                                                |
|------------------------------|------------------------------------------------|
| ▪                            | Power Spectral Density (PSD) $\leq$ 8 dBm/3kHz |

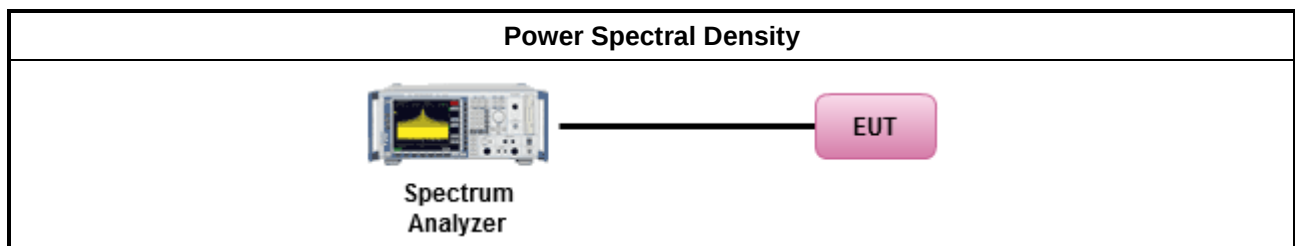
#### 3.4.2 Measuring Instruments

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

#### 3.4.3 Test Procedures

| Test Method                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ▪                                   | Peak power spectral density procedures that the same method as used to determine the conducted output power. If maximum peak conducted output power was measured to demonstrate compliance to the output power limit, then the peak PSD procedure below (Method PKPSD) shall be used. If maximum conducted output power was measured to demonstrate compliance to the output power limit, then one of the average PSD procedures shall be used, as applicable based on the following criteria (the peak PSD procedure is also an acceptable option).                                                                                                         |
| <input checked="" type="checkbox"/> | Refer as KDB 558074, clause 10.2 Method PKPSD (RBW=3-100kHz; Detector=peak).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| ▪                                   | For conducted measurement.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| ▪                                   | If The EUT supports multiple transmit chains using options given below:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| ▪                                   | Measure and sum the spectra across the outputs. Refer as KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace. |

#### 3.4.4 Test Setup



#### 3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

### 3.5 Emissions in Non-restricted Frequency Bands

#### 3.5.1 Emissions in Non-restricted Frequency Bands Limit

| Un-restricted Band Emissions Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| RF output power procedure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Limit (dB) |
| Peak output power procedure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 20         |
| Average output power procedure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 30         |
| <p>Note 1: If the peak output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the peak conducted output power measured within any 100 kHz outside the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum measured in-band peak PSD level.</p> <p>Note 2: If the average output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the power in any 100 kHz outside of the authorized frequency band shall be attenuated by at least 30 dB relative to the maximum measured in-band average PSD level.</p> |            |

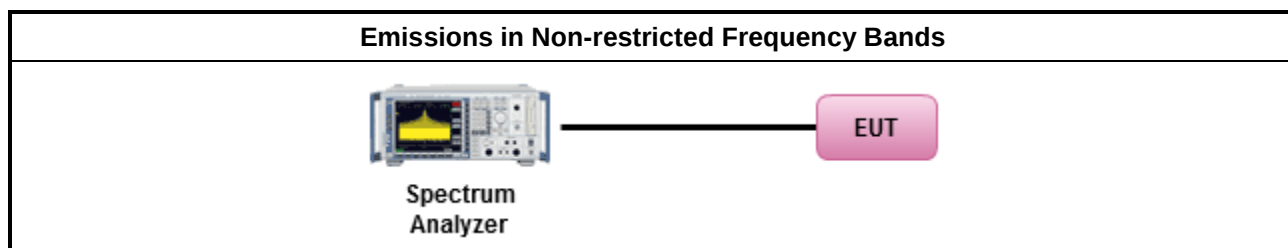
#### 3.5.2 Measuring Instruments

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

#### 3.5.3 Test Procedures

| Test Method                                                                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>Refer as KDB 558074, clause 11 for unwanted emissions into non-restricted bands.</li> </ul> |

#### 3.5.4 Test Setup



#### 3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

### 3.6 Emissions in Restricted Frequency Bands

#### 3.6.1 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.

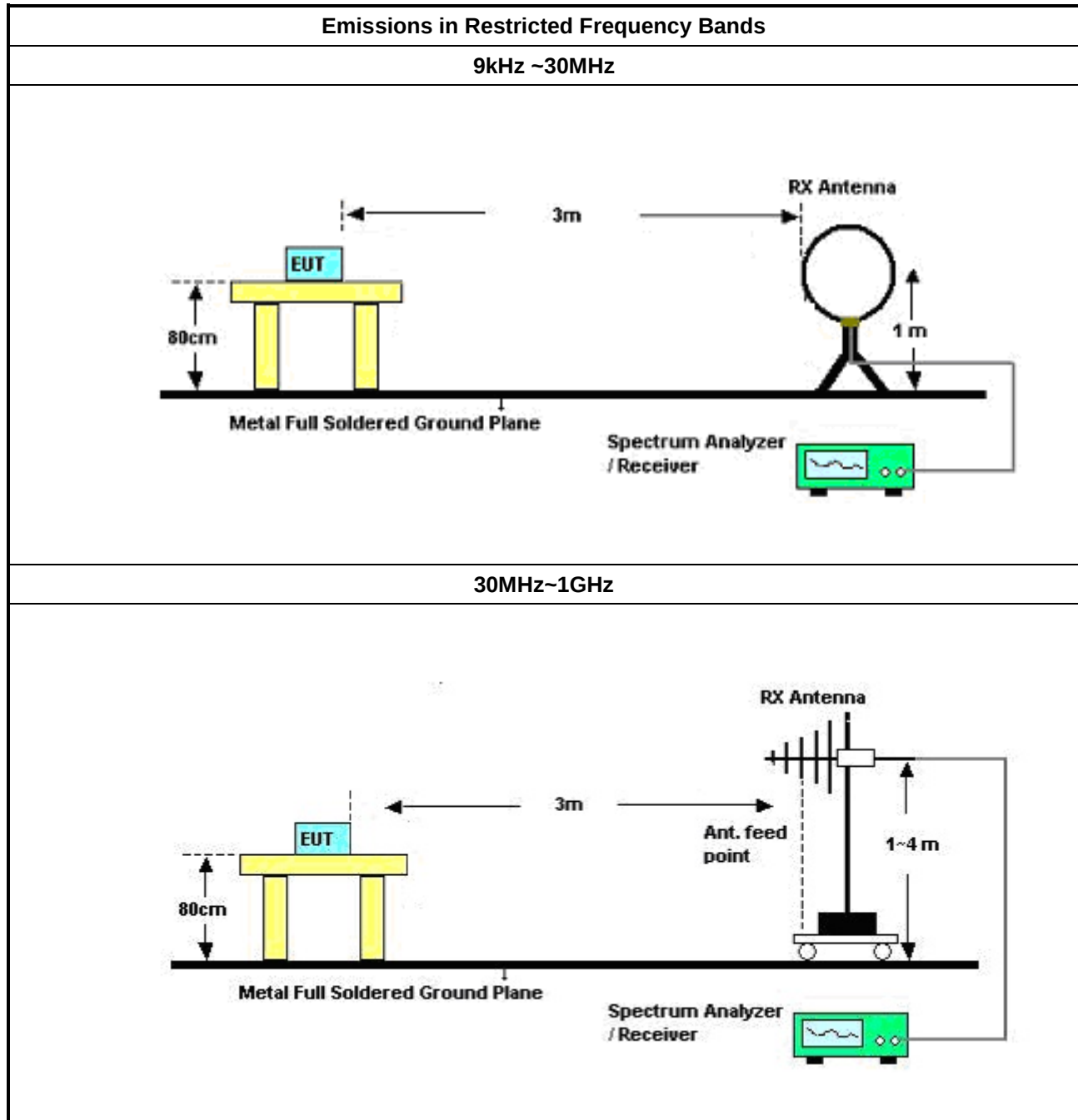
#### 3.6.2 Measuring Instruments

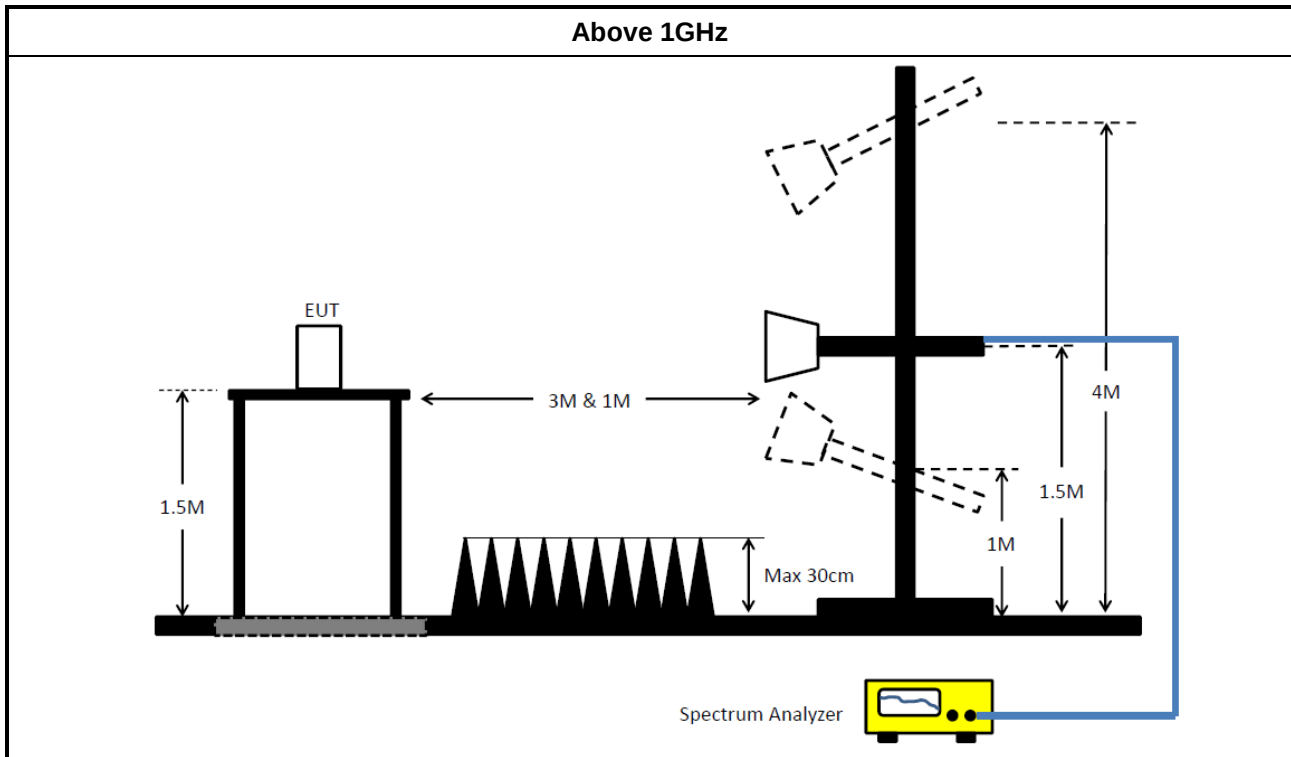
Refer a test equipment and calibration data table in this test report.

### 3.6.3 Test Procedures

| Test Method                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>The average emission levels shall be measured in [duty cycle <math>\geq 98</math> or duty factor].</li> </ul>                                                                        |                                                                                                                                                                                                                                                                                                                                                                                            |
| <ul style="list-style-type: none"> <li>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.</li> </ul> |                                                                                                                                                                                                                                                                                                                                                                                            |
| <ul style="list-style-type: none"> <li>For the transmitter unwanted emissions shall be measured using following options below:</li> </ul>                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                            |
|                                                                                                                                                                                                                             | <ul style="list-style-type: none"> <li>Refer as KDB 558074, clause 12 for unwanted emissions into restricted bands.</li> </ul>                                                                                                                                                                                                                                                             |
|                                                                                                                                                                                                                             | <input checked="" type="checkbox"/> Refer as KDB 558074, clause 12.2.5.3 (ANSI C63.10, clause 4.1.4.2.3), Reduced VBW $\geq 1/T$ .                                                                                                                                                                                                                                                         |
|                                                                                                                                                                                                                             | <input checked="" type="checkbox"/> Refer as KDB 558074, clause 12.2.4 measurement procedure peak limit.                                                                                                                                                                                                                                                                                   |
| <ul style="list-style-type: none"> <li>For the transmitter band-edge emissions shall be measured using following options below:</li> </ul>                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                            |
|                                                                                                                                                                                                                             | <ul style="list-style-type: none"> <li>Refer as KDB 558074 clause 13.1, 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.</li> </ul>                                                                                                                            |
|                                                                                                                                                                                                                             | <ul style="list-style-type: none"> <li>Refer as KDB 558074, clause 13.2 (ANSI C63.10, clause 6.10.6) for marker-delta method for band-edge measurements.</li> </ul>                                                                                                                                                                                                                        |
|                                                                                                                                                                                                                             | <ul style="list-style-type: none"> <li>Refer as KDB 558074, clause 13.3 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels (i.e., 1 MHz).</li> </ul>                                                                                                                                                                                          |
| <ul style="list-style-type: none"> <li>For conducted and cabinet radiation measurement, refer as KDB 558074, clause 12.2.2.</li> </ul>                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                            |
|                                                                                                                                                                                                                             | <ul style="list-style-type: none"> <li>For conducted unwanted emissions into restricted bands (absolute emission limits).<br/>Devices with multiple transmit chains using options given below:<br/>(1) Measure and sum the spectra across the outputs or<br/>(2) Measure and add 10 log(N) dB</li> </ul>                                                                                   |
|                                                                                                                                                                                                                             | <ul style="list-style-type: none"> <li>For KDB 662911 The methodology described here may overestimate array gain, thereby resulting in apparent failures to satisfy the out-of-band limits even if the device is actually compliant. In such cases, compliance may be demonstrated by performing radiated tests around the frequencies at which the apparent failures occurred.</li> </ul> |

### 3.6.4 Test Setup





### 3.6.5 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.

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

Refer as Appendix F

## 4 Test Equipment and Calibration Data

### Instrument for AC Conduction

| Instrument                           | Manufacturer | Model No.   | Serial No.     | Spec.               | Calibration Date | Calibration Due Date |
|--------------------------------------|--------------|-------------|----------------|---------------------|------------------|----------------------|
| EMC Receiver                         | R&S          | ESR3        | 102052         | 9KHz ~ 3.6GHz       | 29/Apr/2017      | 28/Apr/2018          |
| LISN                                 | R&S          | ENV216      | 101295         | 9kHz ~ 30MHz        | 17/Nov/2017      | 16/Nov/2018          |
| RF Cable-CON                         | HUBER+SUHNER | RG213/U     | 07611832020001 | 9kHz ~ 30MHz        | 06/Oct/2017      | 05/Oct/2018          |
| AC POWER                             | APC          | AFC-11005G  | F310050055     | 47Hz~63Hz<br>5~300V | NCR              | NCR                  |
| Impuls<br>Begrenzer Pulse<br>Limiter | SCHWARZBECK  | VTSD 9561-F | 9561-F041      | 9 kHz ~ 30 MHz      | 12/Oct/2017      | 11/Oct/2018          |

**NCR : Non-Calibration Require**

### Instrument for Radiated Test

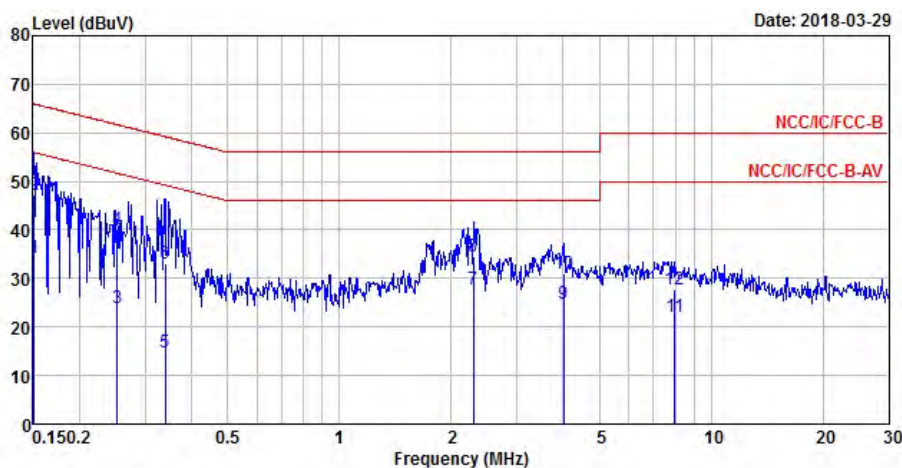
| Instrument                     | Manufacturer   | Model No.     | Serial No.  | Spec.              | Calibration Date | Calibration Due Date |
|--------------------------------|----------------|---------------|-------------|--------------------|------------------|----------------------|
| 3m Semi<br>Anechoic<br>Chamber | SIDT FRANKONIA | SAC-3M        | 03CH03-HY   | 30MHz ~ 1GHz<br>3m | 31/Oct/2017      | 30/Oct/2018          |
| 3m Semi<br>Anechoic<br>Chamber | SIDT FRANKONIA | SAC-3M        | 03CH03-HY   | 1GHz ~ 18GHz<br>3m | 01/Nov/2017      | 31/Oct/2018          |
| Amplifier                      | HP             | 8447D         | 2944A08033  | 10kHz ~ 1.3GHz     | 19/Apr/2017      | 18/Apr/2018          |
| Amplifier                      | Keysight       | 83017A        | MY53270196  | 1GHz ~ 26.5GHz     | 31/Aug/2017      | 30/Aug/2018          |
| Spectrum                       | R&S            | FSV40         | 101500      | 9kHz ~ 40GHz       | 28/Jun/2017      | 27/Jun/2018          |
| Receiver                       | R&S            | ESR3          | 102052      | 9KHz ~ 3.6GHz      | 29/Apr/2017      | 28/Apr/2018          |
| RF Cable-R03m                  | Jye Bao        | RG142         | CB021       | 9kHz ~ 1GHz        | 26/Jan/2018      | 25/Jan/2019          |
| RF Cable-high                  | SUHNER         | SUCOFLEX106   | CB222       | 1GHz ~ 40GHz       | 26/Jan/2018      | 25/Jan/2019          |
| Bilog Antenna                  | SCHAFFNER      | CBL 6112B     | 22237       | 30MHz ~ 1GHz       | 08/Jul/2017      | 07/Jul/2018          |
| Horn Antenna                   | SCHWARZBECK    | BBHA9170      | BBHA9170154 | 18GHz ~ 40GHz      | 09/Feb/ 2018     | 08/Feb/2019          |
| Horn Antenna                   | SCHWARZBECK    | BBHA9120D     | 1531        | 1GHz ~ 18GHz       | 25/Apr/ 2017     | 24/Apr/2018          |
| Amplifier                      | MITEQ          | TTA1840-35-HG | 1864481     | 18GHz ~ 40GHz      | 24/Aug/2017      | 23/Aug/2018          |
| Loop Antenna                   | TESEQ          | HLA 6120      | 31244       | 9 kHz~30 MHz       | 16/Mar/2018      | 15/Mar/2019          |

**Instrument for Conducted Test**

| Instrument                 | Manufacturer | Model No.        | Serial No.  | Spec.           | Calibration Date | Calibration Due Date |
|----------------------------|--------------|------------------|-------------|-----------------|------------------|----------------------|
| Spectrum Analyzer          | R&S          | FSV 40           | 101013      | 10Hz~40GHz      | 29/Dec/2017      | 28/Dec/2018          |
| Power Sensor               | Anritsu      | MA2411B          | 0917017     | 300MHz ~ 40GHz  | 05/Feb/2018      | 04/Feb/2019          |
| Power Meter                | Anritsu      | ML2495A          | 0949003     | 300MHz ~ 40GHz  | 05/Feb/2018      | 04/Feb/2019          |
| Signal Generator           | R&S          | SMR40            | 100116      | 10MHz ~ 40GHz   | 27/Jul/2017      | 26/Jul/2018          |
| Temp. and Humidity Chamber | Giant Force  | GTH-225-40-CP-AR | MAA1611-005 | -40 ~ 100℃      | 21/Nov/2016      | 20/Nov/2018          |
| RF Cable-0.2m              | HUBER+SUHNER | SUCOFLEX_104     | MY677/3     | 30MHz ~ 26.5GHz | 25/Aug/2017      | 24/Aug/2018          |
| RF Cable-0.2m              | HUBER+SUHNER | SUCOFLEX_104     | MY678/3     | 30MHz ~ 26.5GHz | 25/Aug/2017      | 24/Aug/2018          |
| RF Cable-0.5m              | HUBER+SUHNER | SUCOFLEX_104     | MY23000/4   | 30MHz ~ 26.5GHz | 25/Aug/2017      | 24/Aug/2018          |
| RF Cable-1.5m              | HUBER+SUHNER | SUCOFLEX_104     | MY12586/4   | 30MHz ~ 26.5GHz | 25/Aug/2017      | 24/Aug/2018          |

## AC Power-line Conducted Emissions Result

|                    |              |             |         |
|--------------------|--------------|-------------|---------|
| Operating Mode     | 1            | Power Phase | Neutral |
| Operating Function | Adapter mode |             |         |

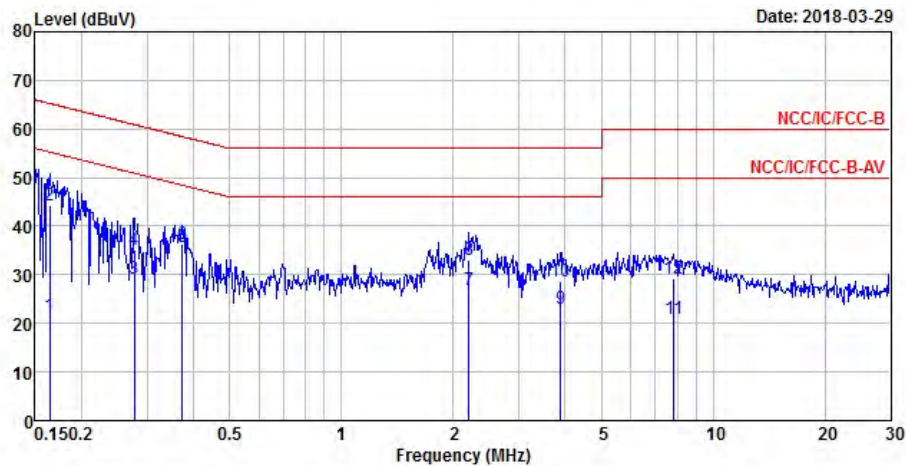


|       | Freq   | Level | Over   | Limit | Read  | LISN   | Cable |         |
|-------|--------|-------|--------|-------|-------|--------|-------|---------|
|       | MHz    | dBuV  | Limit  | Line  | Level | Factor | Loss  | Remark  |
|       | MHz    | dBuV  | dB     | dBuV  | dBuV  | dB     | dB    |         |
| 1     | 0.1508 | 34.36 | -21.60 | 55.96 | 24.69 | 9.63   | 0.04  | Average |
| 2     | 0.1508 | 47.34 | -18.62 | 65.96 | 37.67 | 9.63   | 0.04  | QP      |
| 3     | 0.2529 | 23.93 | -27.73 | 51.66 | 14.28 | 9.62   | 0.03  | Average |
| 4     | 0.2529 | 40.07 | -21.59 | 61.66 | 30.42 | 9.62   | 0.03  | QP      |
| 5     | 0.3392 | 14.65 | -34.57 | 49.22 | 4.96  | 9.61   | 0.08  | Average |
| 6     | 0.3392 | 33.17 | -26.05 | 59.22 | 23.48 | 9.61   | 0.08  | QP      |
| 7 MAX | 2.2968 | 27.77 | -18.23 | 46.00 | 18.12 | 9.63   | 0.02  | Average |
| 8     | 2.2968 | 34.55 | -21.45 | 56.00 | 24.90 | 9.63   | 0.02  | QP      |
| 9     | 4.0062 | 24.79 | -21.21 | 46.00 | 15.06 | 9.64   | 0.09  | Average |
| 10    | 4.0062 | 30.89 | -25.11 | 56.00 | 21.16 | 9.64   | 0.09  | QP      |
| 11    | 7.9774 | 22.24 | -27.76 | 50.00 | 12.39 | 9.68   | 0.17  | Average |
| 12    | 7.9774 | 27.63 | -32.37 | 60.00 | 17.78 | 9.68   | 0.17  | QP      |

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

## AC Power-line Conducted Emissions Result

|                    |              |             |      |
|--------------------|--------------|-------------|------|
| Operating Mode     | 1            | Power Phase | Line |
| Operating Function | Adapter mode |             |      |



|       | Freq   | Level | Over   | Limit | Read  | LISN   | Cable |         |
|-------|--------|-------|--------|-------|-------|--------|-------|---------|
|       | MHz    | dBuV  | Limit  | Line  | Level | Factor | Loss  | Remark  |
|       | MHz    | dBuV  | dB     | dBuV  | dBuV  | dB     | dB    |         |
| 1     | 0.1641 | 21.42 | -33.83 | 55.25 | 11.77 | 9.62   | 0.03  | Average |
| 2     | 0.1641 | 44.37 | -20.88 | 65.25 | 34.72 | 9.62   | 0.03  | QP      |
| 3     | 0.2773 | 29.32 | -21.58 | 50.90 | 19.65 | 9.62   | 0.05  | Average |
| 4     | 0.2773 | 35.25 | -25.65 | 60.90 | 25.58 | 9.62   | 0.05  | QP      |
| 5 MAX | 0.3731 | 35.75 | -12.68 | 48.43 | 26.05 | 9.61   | 0.09  | Average |
| 6     | 0.3731 | 36.20 | -22.23 | 58.43 | 26.50 | 9.61   | 0.09  | QP      |
| 7     | 2.2015 | 26.72 | -19.28 | 46.00 | 17.09 | 9.62   | 0.01  | Average |
| 8     | 2.2015 | 33.10 | -22.90 | 56.00 | 23.47 | 9.62   | 0.01  | QP      |
| 9     | 3.8808 | 22.92 | -23.08 | 46.00 | 13.21 | 9.63   | 0.08  | Average |
| 10    | 3.8808 | 28.70 | -27.30 | 56.00 | 18.99 | 9.63   | 0.08  | QP      |
| 11    | 7.8516 | 21.08 | -28.92 | 50.00 | 11.26 | 9.65   | 0.17  | Average |
| 12    | 7.8516 | 29.26 | -30.74 | 60.00 | 19.44 | 9.65   | 0.17  | QP      |

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

**Summary**

| Mode                            | Max-N dB<br>(Hz) | Max-OBW<br>(Hz) | ITU-Code | Min-N dB<br>(Hz) | Min-OBW<br>(Hz) |
|---------------------------------|------------------|-----------------|----------|------------------|-----------------|
| 2.4-2.4835GHz                   | -                | -               | -        | -                | -               |
| 802.11b_Nss1,(1Mbps)_1TX(Port1) | 8.05M            | 10.12M          | 10M1G1D  | 8.025M           | 10.095M         |
| 802.11g_Nss1,(6Mbps)_2TX        | 15.075M          | 16.642M         | 16M6D1D  | 14.825M          | 16.292M         |
| 802.11n HT20_Nss1,(MCS0)_2TX    | 16.55M           | 17.566M         | 17M6D1D  | 14.925M          | 17.416M         |
| 802.11n HT40_Nss1,(MCS0)_2TX    | 36.3M            | 36.282M         | 36M3D1D  | 33.75M           | 36.082M         |

**Max-N dB** = Maximum 6dB down bandwidth; **Max-OBW** = Maximum 99% occupied bandwidth;  
**Min-N dB** = Minimum 6dB down bandwidth; **Min-OBW** = Minimum 99% occupied bandwidth;

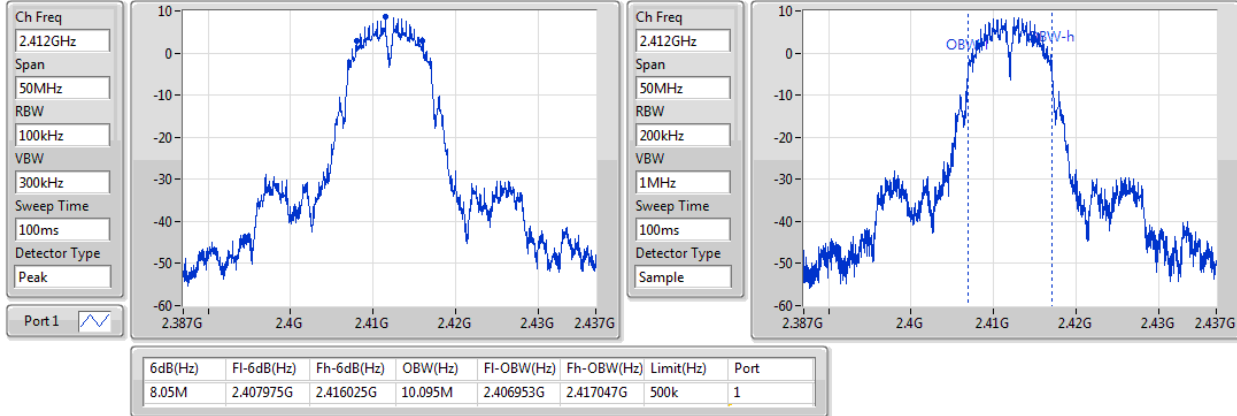
**Result**

| Mode                            | Result | Limit<br>(Hz) | Port 1-N dB<br>(Hz) | Port 1-OBW<br>(Hz) | Port 2-N dB<br>(Hz) | Port 2-OBW<br>(Hz) |
|---------------------------------|--------|---------------|---------------------|--------------------|---------------------|--------------------|
| 802.11b_Nss1,(1Mbps)_1TX(Port1) | -      | -             | -                   | -                  | -                   | -                  |
| 2412MHz_TnomVnom                | Pass   | 500k          | 8.05M               | 10.095M            |                     |                    |
| 2437MHz_TnomVnom                | Pass   | 500k          | 8.025M              | 10.12M             |                     |                    |
| 2462MHz_TnomVnom                | Pass   | 500k          | 8.05M               | 10.12M             |                     |                    |
| 802.11g_Nss1,(6Mbps)_2TX        | -      | -             | -                   | -                  | -                   | -                  |
| 2412MHz_TnomVnom                | Pass   | 500k          | 14.925M             | 16.292M            | 15.025M             | 16.317M            |
| 2437MHz_TnomVnom                | Pass   | 500k          | 14.825M             | 16.642M            | 14.975M             | 16.467M            |
| 2462MHz_TnomVnom                | Pass   | 500k          | 15.075M             | 16.317M            | 15.025M             | 16.317M            |
| 802.11n HT20_Nss1,(MCS0)_2TX    | -      | -             | -                   | -                  | -                   | -                  |
| 2412MHz_TnomVnom                | Pass   | 500k          | 15.025M             | 17.441M            | 16.55M              | 17.441M            |
| 2437MHz_TnomVnom                | Pass   | 500k          | 15M                 | 17.566M            | 15.1M               | 17.516M            |
| 2462MHz_TnomVnom                | Pass   | 500k          | 14.925M             | 17.416M            | 15.075M             | 17.466M            |
| 802.11n HT40_Nss1,(MCS0)_2TX    | -      | -             | -                   | -                  | -                   | -                  |
| 2422MHz_TnomVnom                | Pass   | 500k          | 33.75M              | 36.182M            | 36.3M               | 36.132M            |
| 2437MHz_TnomVnom                | Pass   | 500k          | 36M                 | 36.132M            | 35.05M              | 36.232M            |
| 2452MHz_TnomVnom                | Pass   | 500k          | 35.05M              | 36.082M            | 35.65M              | 36.282M            |

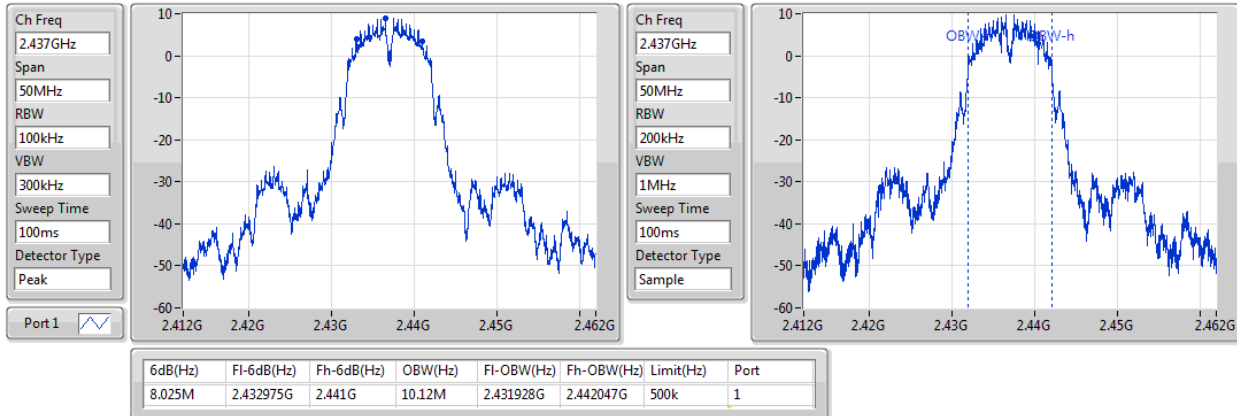
**Port X-N dB** = Port X 6dB down bandwidth; **Port X-OBW** = Port X 99% occupied bandwidth;

**802.11b\_Nss1,(1Mbps)\_1TX(Port1)**
**EBW**
**2412MHz**

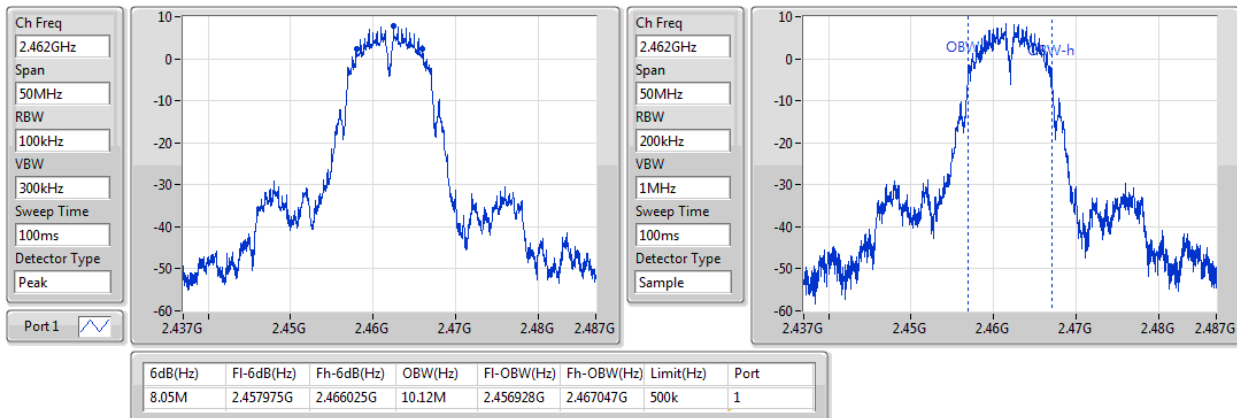
14/03/2018


**802.11b\_Nss1,(1Mbps)\_1TX(Port1)**
**EBW**
**2437MHz**

14/03/2018

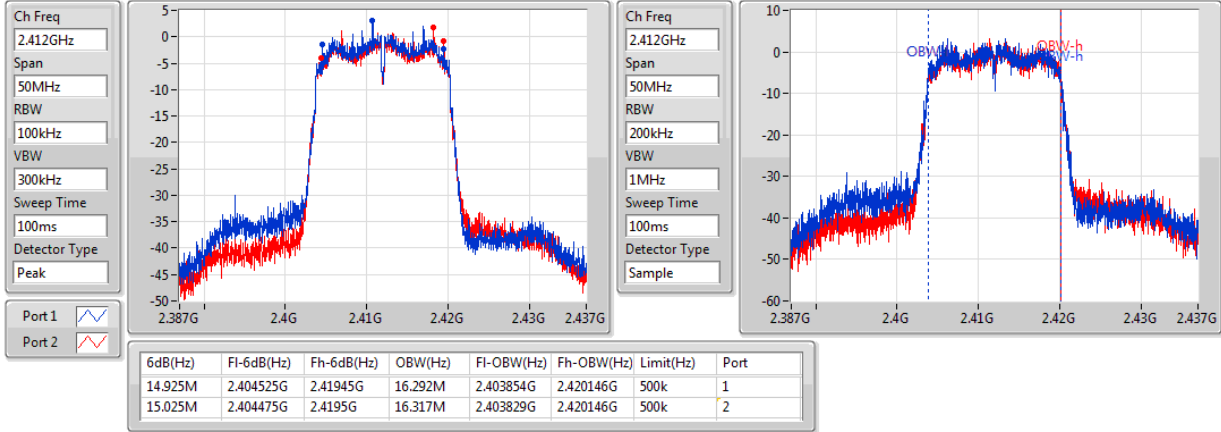

**802.11b\_Nss1,(1Mbps)\_1TX(Port1)**
**EBW**
**2462MHz**

14/03/2018

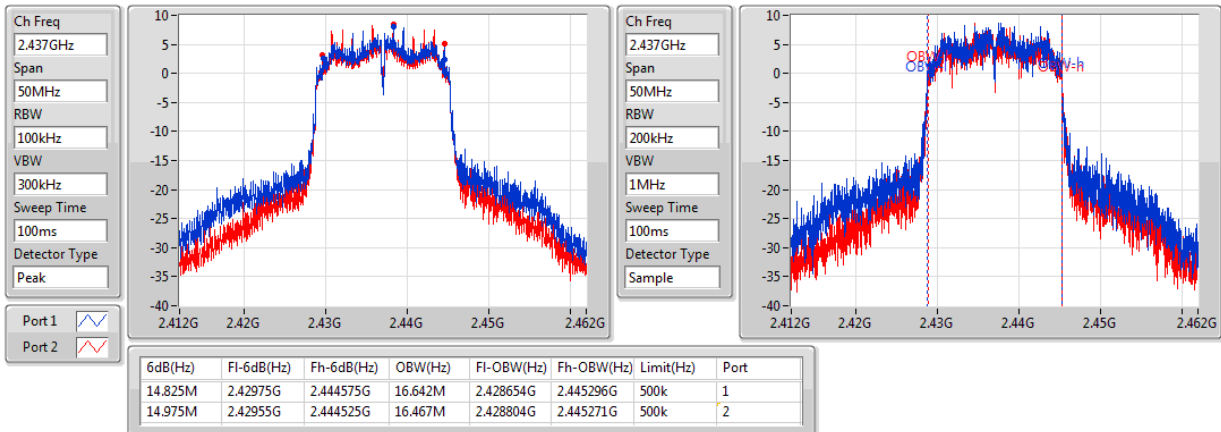


**802.11g\_Nss1,(6Mbps)\_2TX**
**EBW**
**2412MHz**

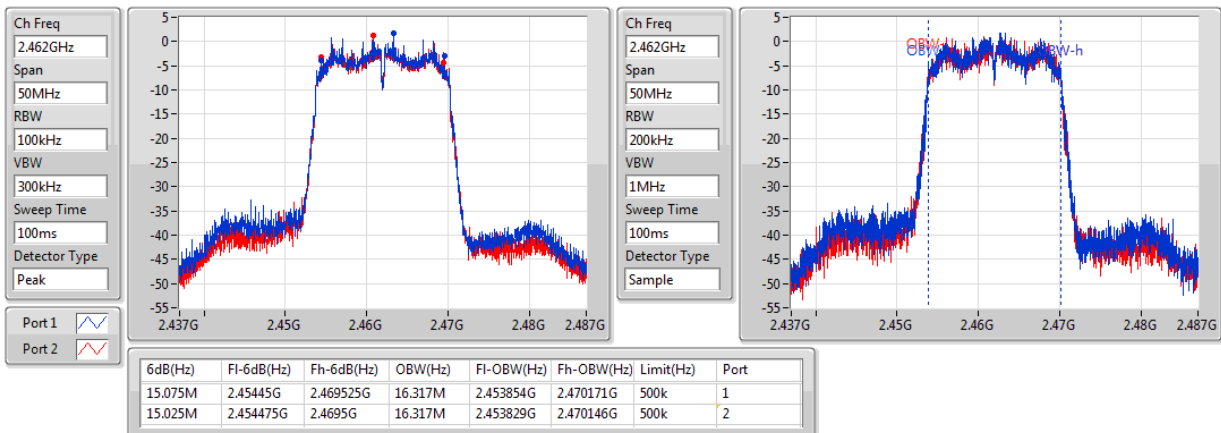
14/03/2018


**802.11g\_Nss1,(6Mbps)\_2TX**
**EBW**
**2437MHz**

14/03/2018

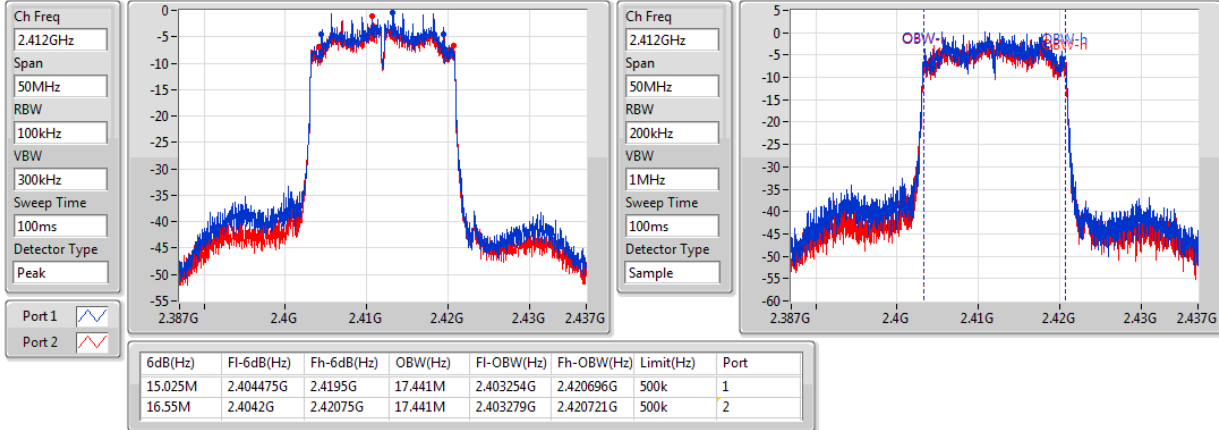

**802.11g\_Nss1,(6Mbps)\_2TX**
**EBW**
**2462MHz**

14/03/2018

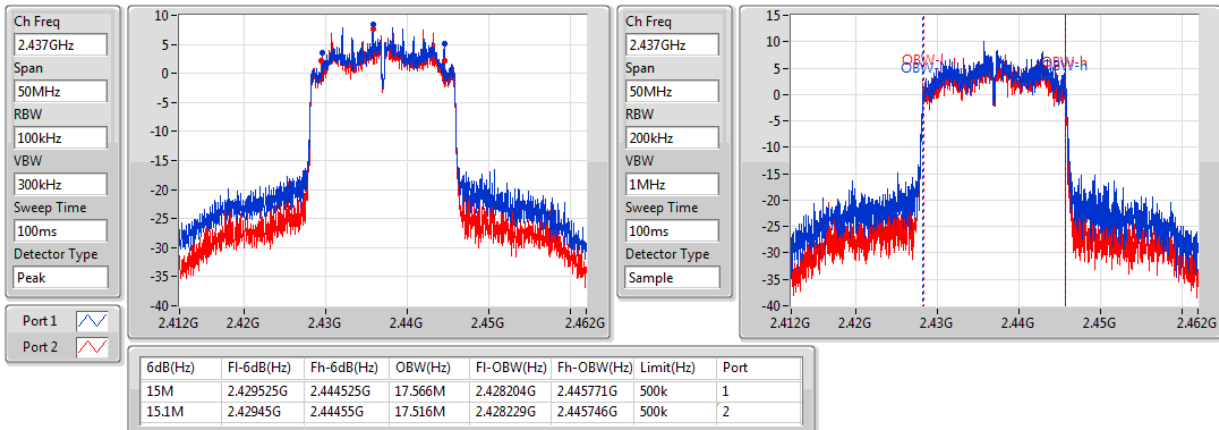


**802.11n HT20\_Nss1,(MCS0)\_2TX**
**EBW**
**2412MHz**

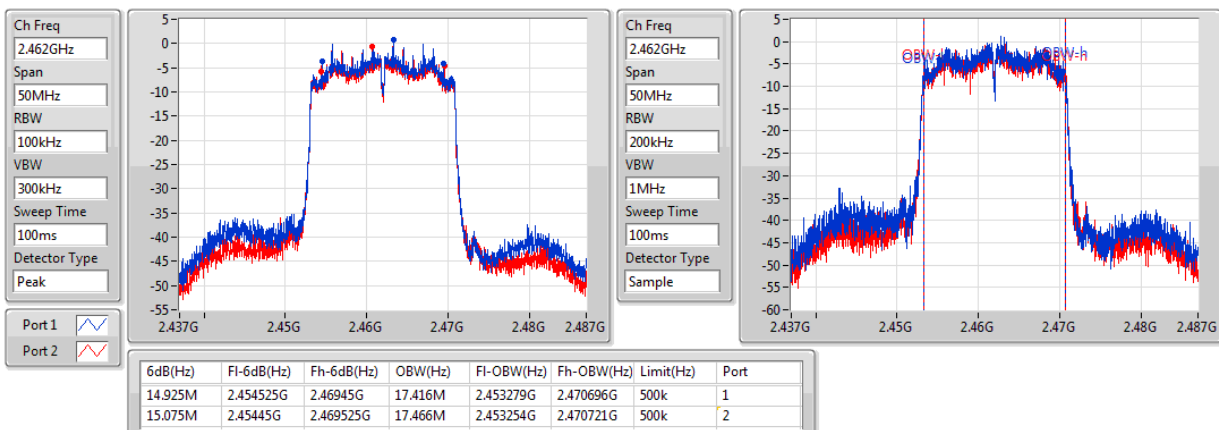
14/03/2018


**802.11n HT20\_Nss1,(MCS0)\_2TX**
**EBW**
**2437MHz**

14/03/2018

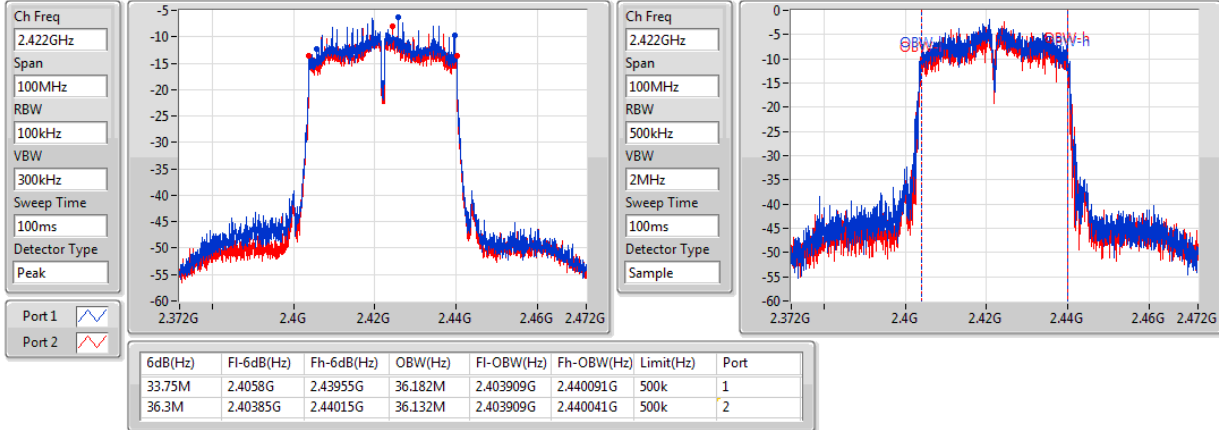

**802.11n HT20\_Nss1,(MCS0)\_2TX**
**EBW**
**2462MHz**

14/03/2018

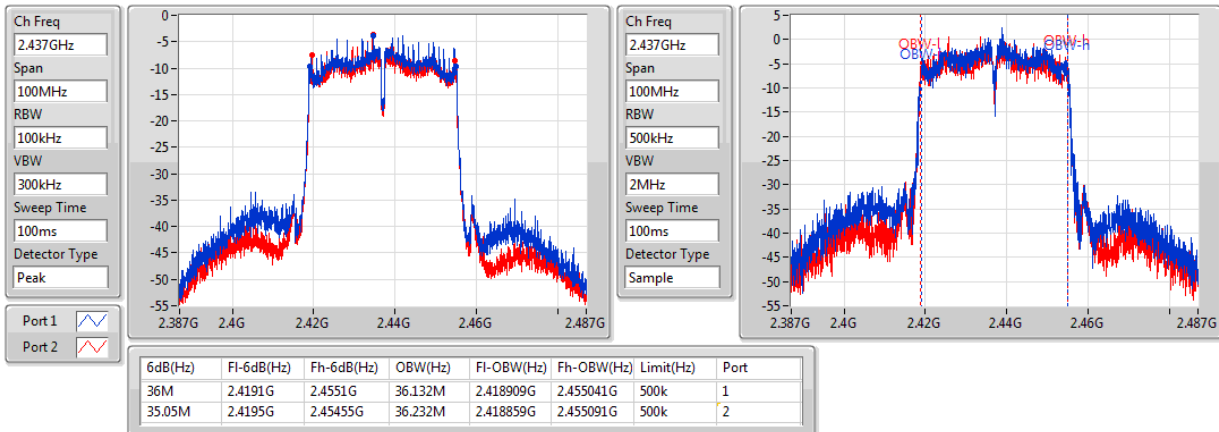


**802.11n HT40\_Nss1,(MCS0)\_2TX**
**EBW**
**2422MHz**

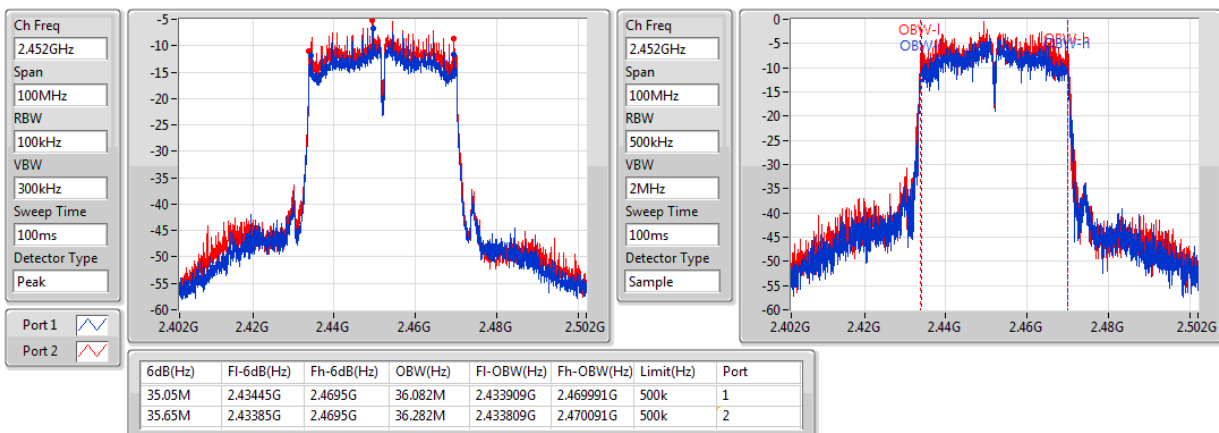
14/03/2018


**802.11n HT40\_Nss1,(MCS0)\_2TX**
**EBW**
**2437MHz**

14/03/2018


**802.11n HT40\_Nss1,(MCS0)\_2TX**
**EBW**
**2452MHz**

14/03/2018



**Summary**

| Mode                            | Total Power<br>(dBm) | Total Power<br>(W) |
|---------------------------------|----------------------|--------------------|
| 2.4-2.4835GHz                   | -                    | -                  |
| 802.11b_Nss1,(1Mbps)_1TX(Port1) | 18.12                | 0.06486            |
| 802.11g_Nss1,(6Mbps)_2TX        | 19.19                | 0.08299            |
| 802.11n HT20_Nss1,(MCS0)_2TX    | 19.19                | 0.08299            |
| 802.11n HT40_Nss1,(MCS0)_2TX    | 13.64                | 0.02312            |

**Result**

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) |
|---------------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|
| 802.11b_Nss1,(1Mbps)_1TX(Port1) | -      | -           | -               | -               | -                    | -                    |
| 2412MHz_TnomVnom                | Pass   | 4.15        | 17.42           |                 | 17.42                | 30.00                |
| 2417MHz_TnomVnom                | Pass   | 4.15        | 18.12           |                 | 18.12                | 30.00                |
| 2437MHz_TnomVnom                | Pass   | 4.15        | 18.08           |                 | 18.08                | 30.00                |
| 2457MHz_TnomVnom                | Pass   | 4.15        | 18.05           |                 | 18.05                | 30.00                |
| 2462MHz_TnomVnom                | Pass   | 4.15        | 16.88           |                 | 16.88                | 30.00                |
| 802.11g_Nss1,(6Mbps)_2TX        | -      | -           | -               | -               | -                    | -                    |
| 2412MHz_TnomVnom                | Pass   | 4.15        | 14.26           | 14.08           | 17.18                | 30.00                |
| 2417MHz_TnomVnom                | Pass   | 4.15        | 16.14           | 15.57           | 18.87                | 30.00                |
| 2422MHz_TnomVnom                | Pass   | 4.15        | 16.02           | 16.28           | 19.16                | 30.00                |
| 2427MHz_TnomVnom                | Pass   | 4.15        | 15.96           | 16.21           | 19.10                | 30.00                |
| 2432MHz_TnomVnom                | Pass   | 4.15        | 15.94           | 16.30           | 19.13                | 30.00                |
| 2437MHz_TnomVnom                | Pass   | 4.15        | 15.86           | 16.40           | 19.15                | 30.00                |
| 2442MHz_TnomVnom                | Pass   | 4.15        | 15.88           | 16.46           | 19.19                | 30.00                |
| 2447MHz_TnomVnom                | Pass   | 4.15        | 15.90           | 16.43           | 19.18                | 30.00                |
| 2452MHz_TnomVnom                | Pass   | 4.15        | 16.04           | 16.22           | 19.14                | 30.00                |
| 2457MHz_TnomVnom                | Pass   | 4.15        | 14.71           | 14.45           | 17.59                | 30.00                |
| 2462MHz_TnomVnom                | Pass   | 4.15        | 12.95           | 12.97           | 15.97                | 30.00                |
| 802.11n HT20_Nss1,(MCS0)_2TX    | -      | -           | -               | -               | -                    | -                    |
| 2412MHz_TnomVnom                | Pass   | 4.15        | 11.69           | 11.00           | 14.37                | 30.00                |
| 2417MHz_TnomVnom                | Pass   | 4.15        | 14.93           | 14.47           | 17.72                | 30.00                |
| 2422MHz_TnomVnom                | Pass   | 4.15        | 16.21           | 16.14           | 19.19                | 30.00                |
| 2427MHz_TnomVnom                | Pass   | 4.15        | 15.87           | 16.47           | 19.19                | 30.00                |
| 2432MHz_TnomVnom                | Pass   | 4.15        | 16.03           | 16.21           | 19.13                | 30.00                |
| 2437MHz_TnomVnom                | Pass   | 4.15        | 16.08           | 15.92           | 19.01                | 30.00                |
| 2442MHz_TnomVnom                | Pass   | 4.15        | 16.07           | 16.19           | 19.14                | 30.00                |
| 2447MHz_TnomVnom                | Pass   | 4.15        | 16.15           | 16.19           | 19.18                | 30.00                |
| 2452MHz_TnomVnom                | Pass   | 4.15        | 15.19           | 15.20           | 18.21                | 30.00                |
| 2457MHz_TnomVnom                | Pass   | 4.15        | 13.83           | 13.57           | 16.71                | 30.00                |
| 2462MHz_TnomVnom                | Pass   | 4.15        | 11.77           | 11.22           | 14.51                | 30.00                |
| 802.11n HT40_Nss1,(MCS0)_2TX    | -      | -           | -               | -               | -                    | -                    |
| 2422MHz_TnomVnom                | Pass   | 4.15        | 7.87            | 6.94            | 10.44                | 30.00                |
| 2437MHz_TnomVnom                | Pass   | 4.15        | 11.01           | 10.21           | 13.64                | 30.00                |
| 2452MHz_TnomVnom                | Pass   | 4.15        | 6.75            | 8.57            | 10.76                | 30.00                |
| 2427MHz_TnomVnom                | Pass   | 4.15        | 8.20            | 9.30            | 11.80                | 30.00                |
| 2432MHz_TnomVnom                | Pass   | 4.15        | 9.88            | 9.76            | 12.83                | 30.00                |



## AV Power Result

## Appendix C

| Mode             | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) |
|------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|
| 2442MHz_TnomVnom | Pass   | 4.15        | 9.80            | 9.14            | 12.49                | 30.00                |
| 2447MHz_TnomVnom | Pass   | 4.15        | 8.53            | 9.47            | 12.04                | 30.00                |

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

**Summary**

| Mode                            | PD<br>(dBm/RBW) |
|---------------------------------|-----------------|
| 2.4-2.4835GHz                   | -               |
| 802.11b_Nss1,(1Mbps)_1TX(Port1) | -3.34           |
| 802.11g_Nss1,(6Mbps)_2TX        | -6.01           |
| 802.11n HT20_Nss1,(MCS0)_2TX    | -5.93           |
| 802.11n HT40_Nss1,(MCS0)_2TX    | -15.48          |

RBW=3kHz.

**Result**

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) |
|---------------------------------|--------|-------------|---------------------|---------------------|-----------------|-----------------------|
| 802.11b_Nss1,(1Mbps)_1TX(Port1) | -      | -           | -                   | -                   | -               | -                     |
| 2412MHz_TnomVnom                | Pass   | 4.15        | -5.61               |                     | -5.61           | 8.00                  |
| 2417MHz_TnomVnom                | Pass   | 4.15        | -3.34               |                     | -3.34           | 8.00                  |
| 2437MHz_TnomVnom                | Pass   | 4.15        | -4.86               |                     | -4.86           | 8.00                  |
| 2457MHz_TnomVnom                | Pass   | 4.15        | -4.92               |                     | -4.92           | 8.00                  |
| 2462MHz_TnomVnom                | Pass   | 4.15        | -5.79               |                     | -5.79           | 8.00                  |
| 802.11g_Nss1,(6Mbps)_2TX        | -      | -           | -                   | -                   | -               | -                     |
| 2412MHz_TnomVnom                | Pass   | 7.16        | -9.79               | -11.86              | -8.70           | 6.84                  |
| 2417MHz_TnomVnom                | Pass   | 7.16        | -9.38               | -8.52               | -6.75           | 6.84                  |
| 2422MHz_TnomVnom                | Pass   | 7.16        | -8.76               | -7.80               | -6.58           | 6.84                  |
| 2427MHz_TnomVnom                | Pass   | 7.16        | -8.62               | -8.73               | -6.34           | 6.84                  |
| 2432MHz_TnomVnom                | Pass   | 7.16        | -9.10               | -8.19               | -6.35           | 6.84                  |
| 2437MHz_TnomVnom                | Pass   | 7.16        | -8.36               | -8.45               | -6.67           | 6.84                  |
| 2442MHz_TnomVnom                | Pass   | 7.16        | -8.76               | -8.80               | -6.55           | 6.84                  |
| 2447MHz_TnomVnom                | Pass   | 7.16        | -8.14               | -8.65               | -6.01           | 6.84                  |
| 2452MHz_TnomVnom                | Pass   | 7.16        | -9.17               | -8.33               | -6.66           | 6.84                  |
| 2457MHz_TnomVnom                | Pass   | 7.16        | -9.39               | -11.04              | -7.68           | 6.84                  |
| 2462MHz_TnomVnom                | Pass   | 7.16        | -12.25              | -11.43              | -9.59           | 6.84                  |
| 802.11n HT20_Nss1,(MCS0)_2TX    | -      | -           | -                   | -                   | -               | -                     |
| 2412MHz_TnomVnom                | Pass   | 7.16        | -13.05              | -14.52              | -12.26          | 6.84                  |
| 2417MHz_TnomVnom                | Pass   | 7.16        | -10.44              | -11.63              | -9.22           | 6.84                  |
| 2422MHz_TnomVnom                | Pass   | 7.16        | -8.69               | -8.63               | -7.48           | 6.84                  |
| 2427MHz_TnomVnom                | Pass   | 7.16        | -7.98               | -7.94               | -6.15           | 6.84                  |
| 2432MHz_TnomVnom                | Pass   | 7.16        | -8.11               | -7.28               | -6.46           | 6.84                  |
| 2437MHz_TnomVnom                | Pass   | 7.16        | -8.58               | -8.68               | -5.93           | 6.84                  |
| 2442MHz_TnomVnom                | Pass   | 7.16        | -8.10               | -8.57               | -6.38           | 6.84                  |
| 2447MHz_TnomVnom                | Pass   | 7.16        | -7.70               | -8.17               | -6.85           | 6.84                  |
| 2462MHz_TnomVnom                | Pass   | 7.16        | -12.48              | -14.40              | -11.22          | 6.84                  |
| 802.11n HT40_Nss1,(MCS0)_2TX    | -      | -           | -                   | -                   | -               | -                     |
| 2422MHz_TnomVnom                | Pass   | 7.16        | -20.57              | -19.67              | -18.18          | 6.84                  |
| 2437MHz_TnomVnom                | Pass   | 7.16        | -17.41              | -17.79              | -15.48          | 6.84                  |
| 2452MHz_TnomVnom                | Pass   | 7.16        | -19.45              | -19.00              | -16.28          | 6.84                  |

**DG** = Directional Gain; RBW=3kHz;

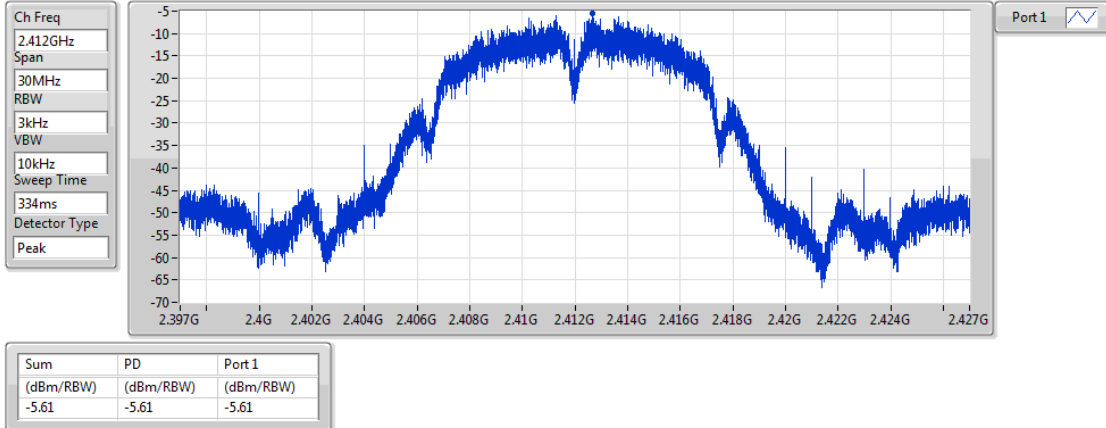
**PD** = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

### 802.11b\_Nss1,(1Mbps)\_1TX(Port1)

### PSD

2412MHz

14/03/2018

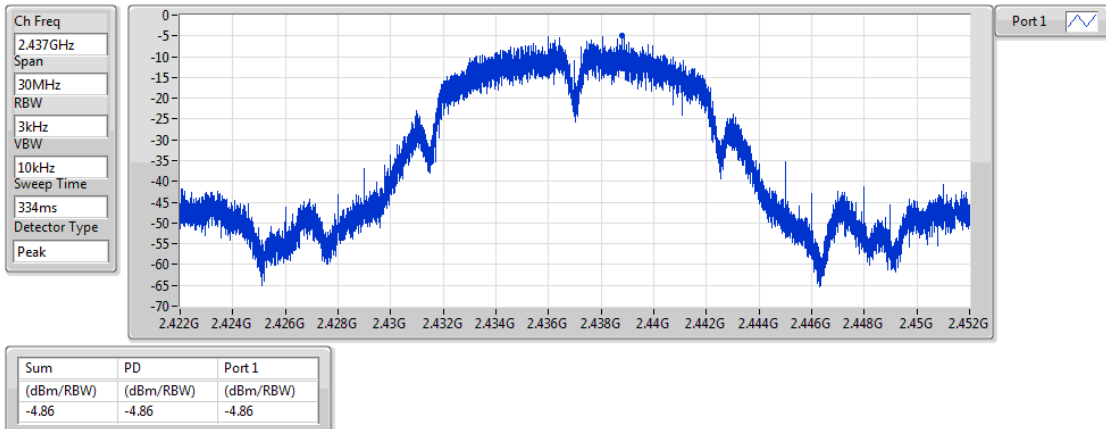


### 802.11b\_Nss1,(1Mbps)\_1TX(Port1)

### PSD

2437MHz

14/03/2018

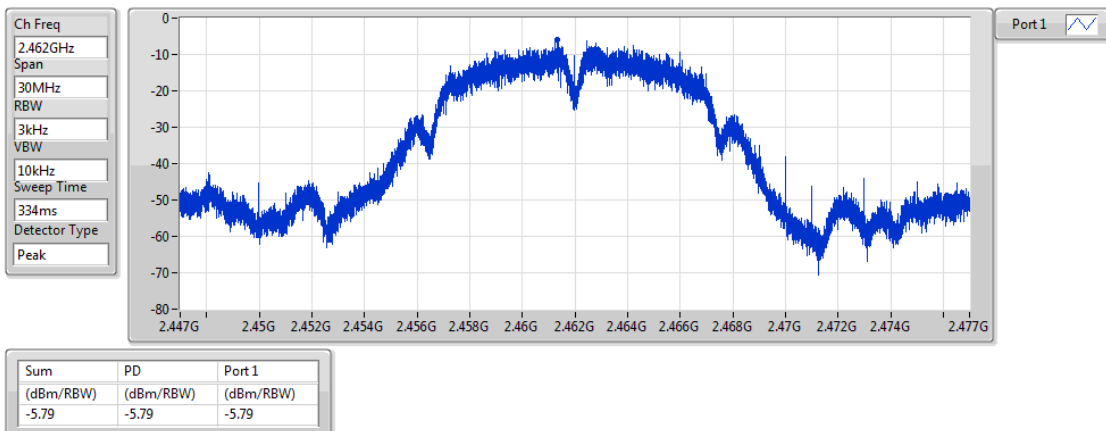


### 802.11b\_Nss1,(1Mbps)\_1TX(Port1)

### PSD

2462MHz

14/03/2018

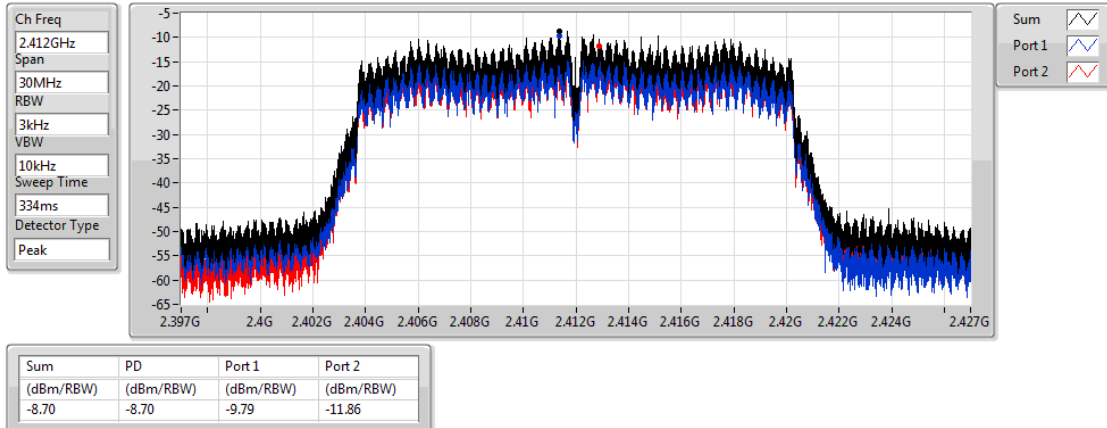


### 802.11g\_Nss1,(6Mbps)\_2TX

### PSD

2412MHz

14/03/2018

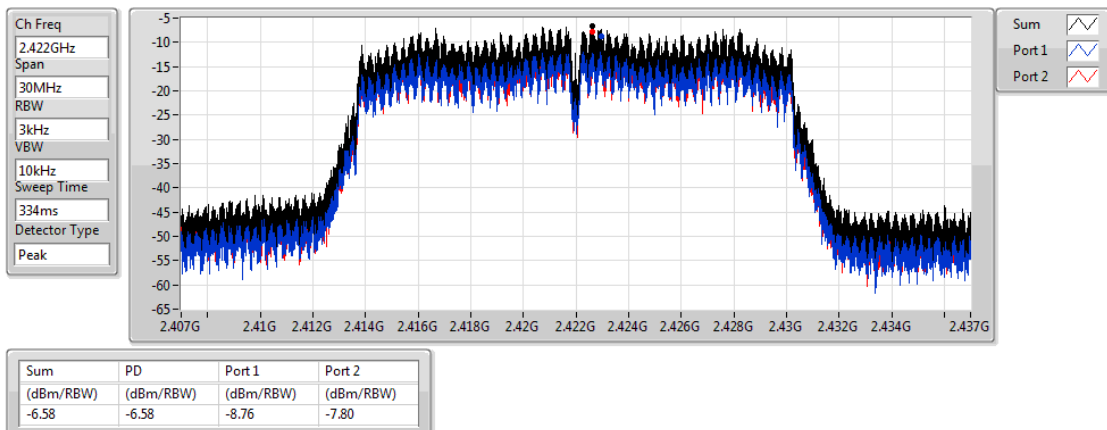


### 802.11g\_Nss1,(6Mbps)\_2TX

### PSD

2422MHz

09/04/2018

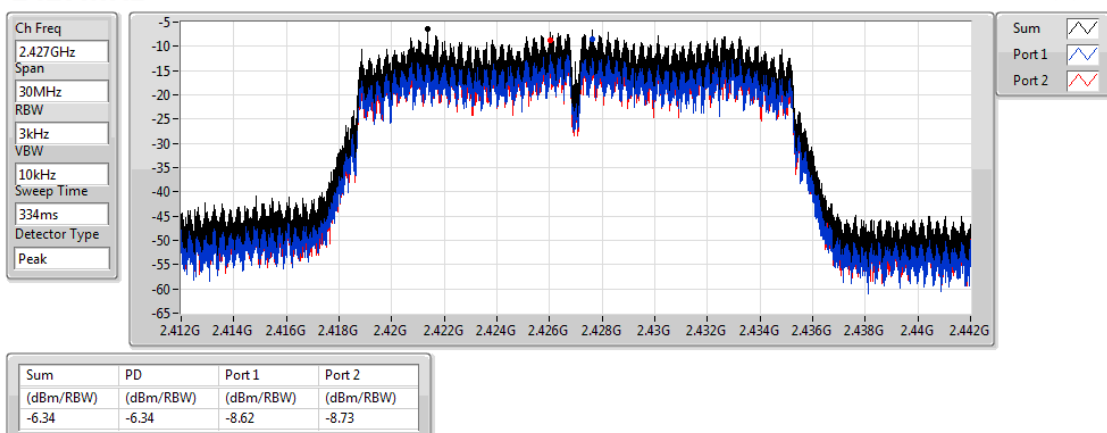


### 802.11g\_Nss1,(6Mbps)\_2TX

### PSD

2427MHz

09/04/2018

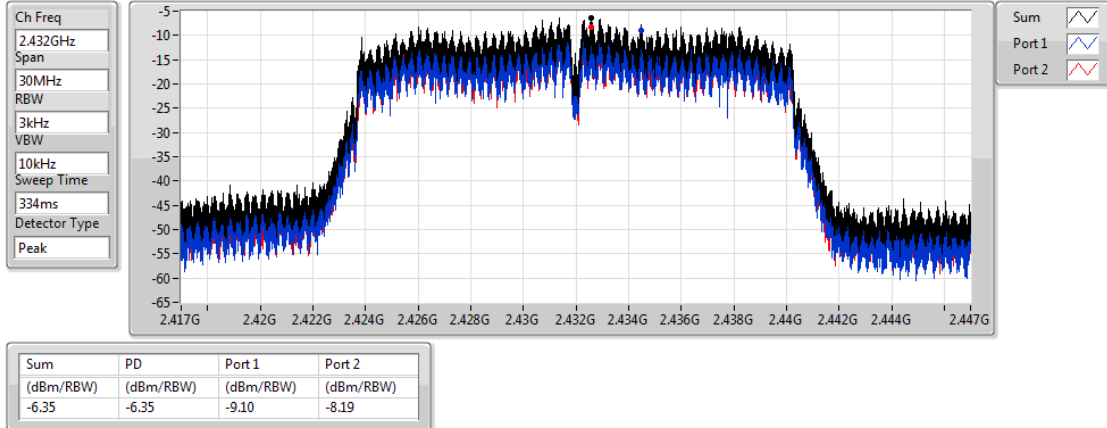


### 802.11g\_Nss1,(6Mbps)\_2TX

### PSD

2432MHz

09/04/2018

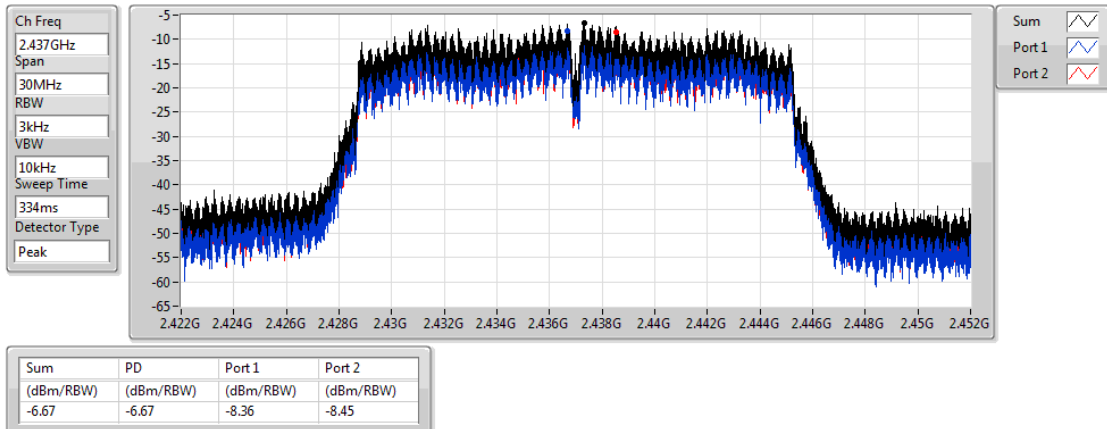


### 802.11g\_Nss1,(6Mbps)\_2TX

### PSD

2437MHz

09/04/2018

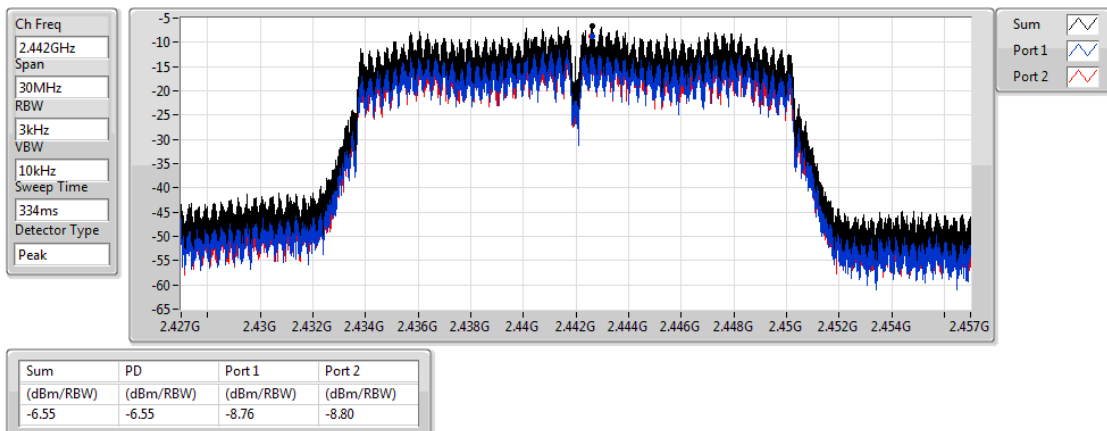


### 802.11g\_Nss1,(6Mbps)\_2TX

### PSD

2442MHz

09/04/2018

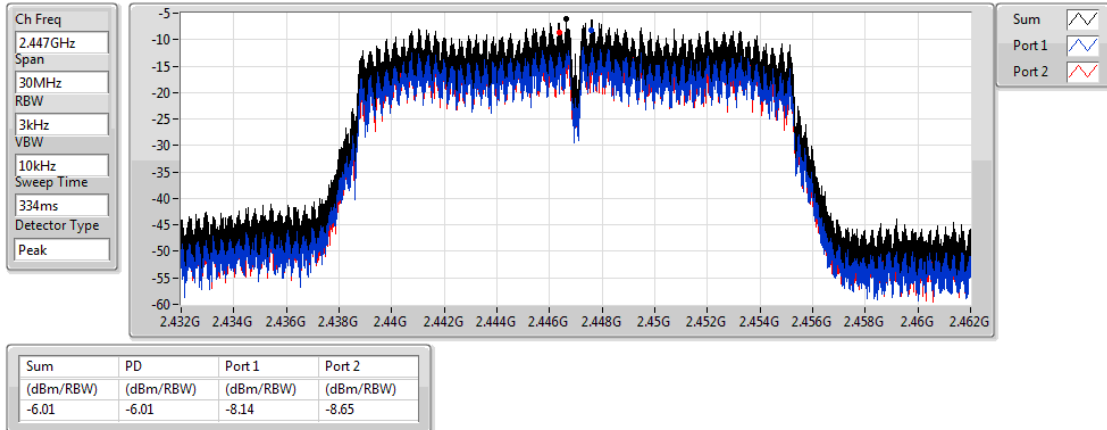


### 802.11g\_Nss1,(6Mbps)\_2TX

### PSD

2447MHz

09/04/2018

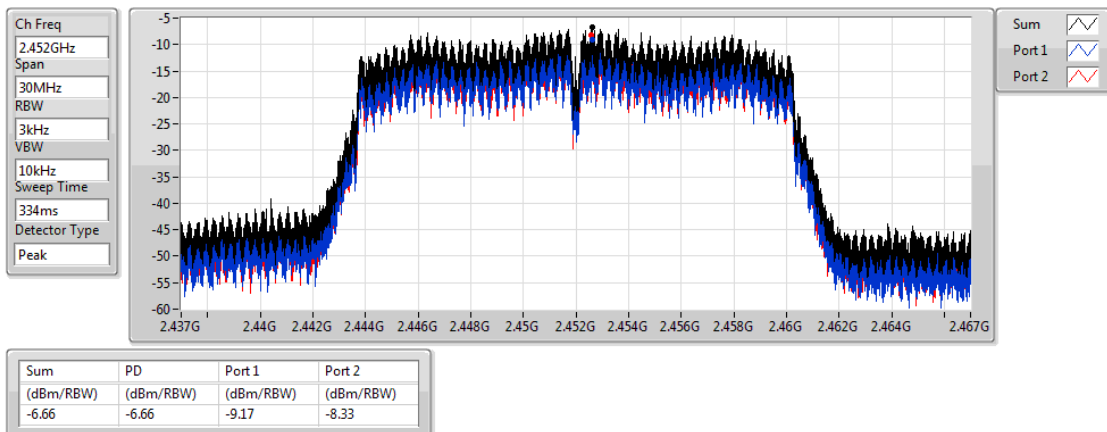


### 802.11g\_Nss1,(6Mbps)\_2TX

### PSD

2452MHz

09/04/2018

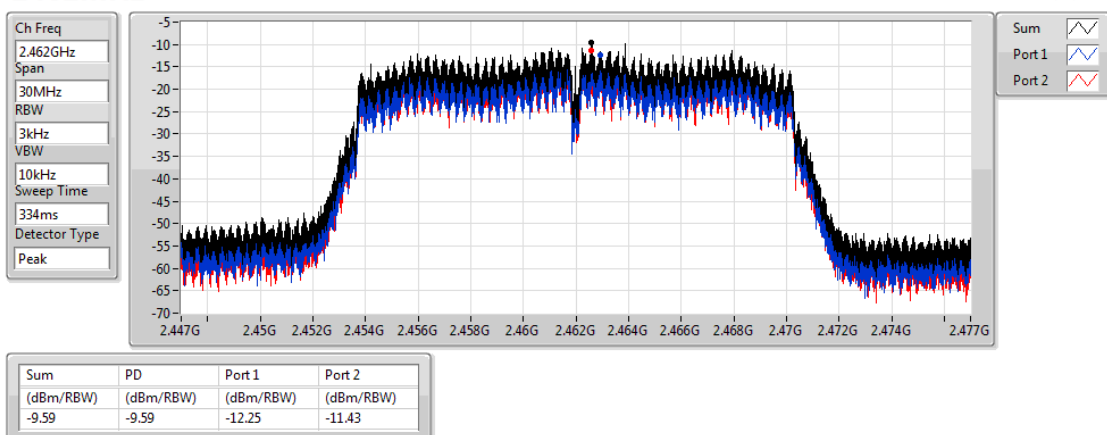


### 802.11g\_Nss1,(6Mbps)\_2TX

### PSD

2462MHz

14/03/2018

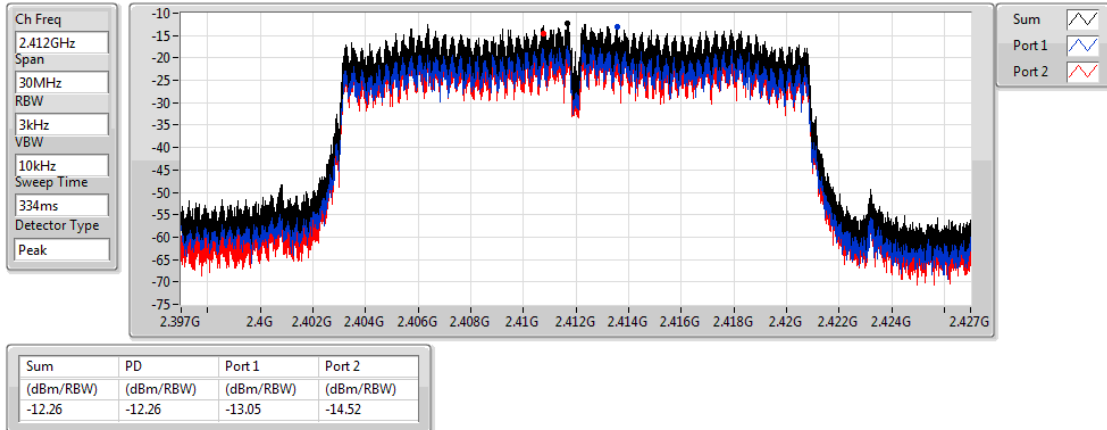


### 802.11n HT20\_Nss1,(MCS0)\_2TX

### PSD

2412MHz

14/03/2018

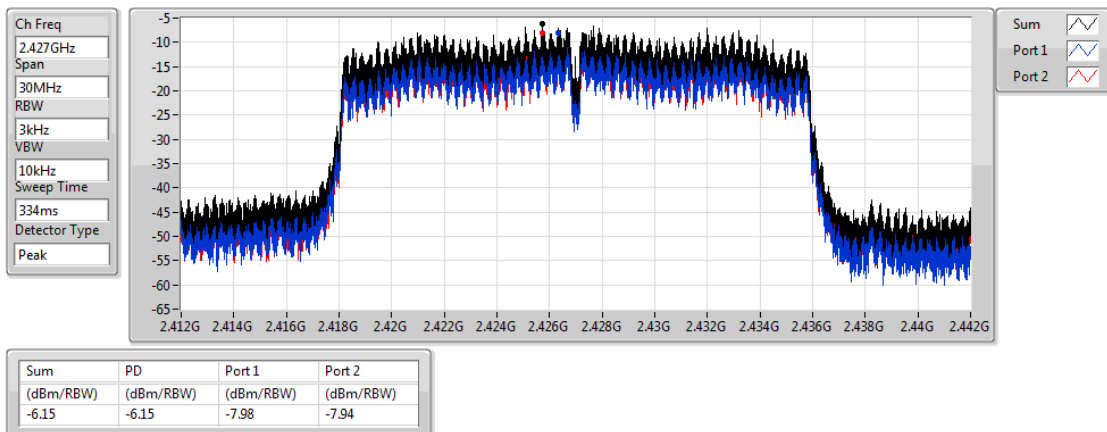


### 802.11n HT20\_Nss1,(MCS0)\_2TX

### PSD

2427MHz

09/04/2018

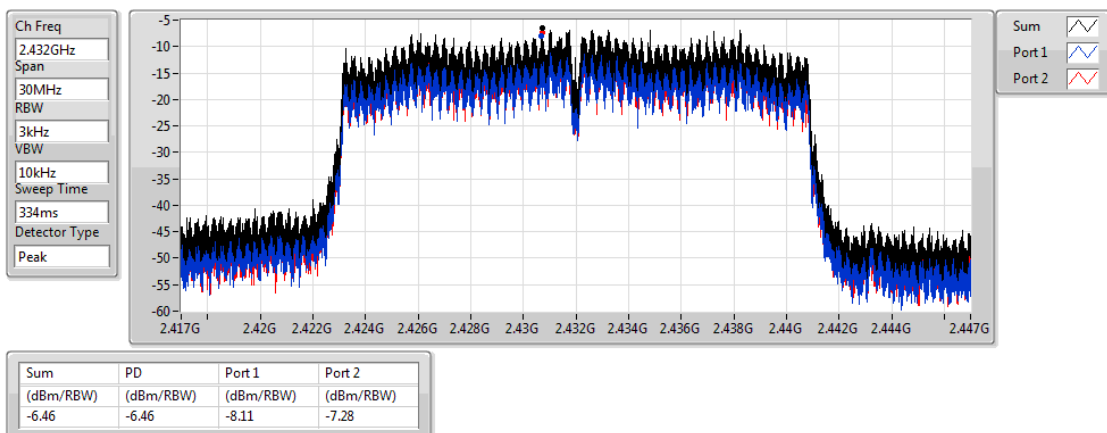


### 802.11n HT20\_Nss1,(MCS0)\_2TX

### PSD

2432MHz

09/04/2018

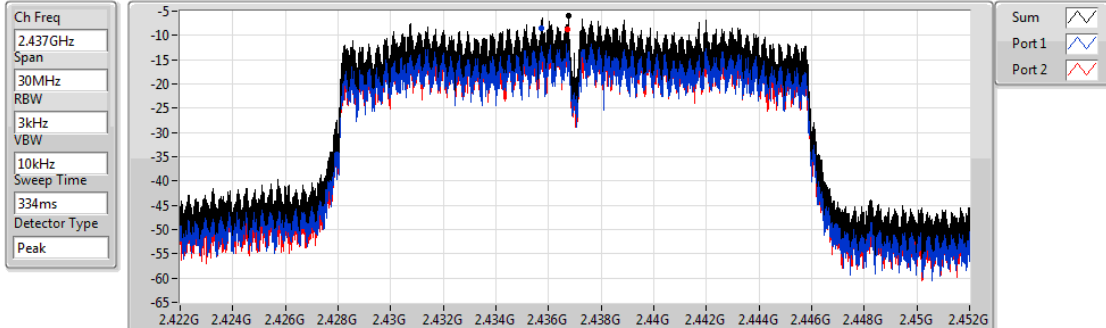


### 802.11n HT20\_Nss1,(MCS0)\_2TX

### PSD

2437MHz

09/04/2018



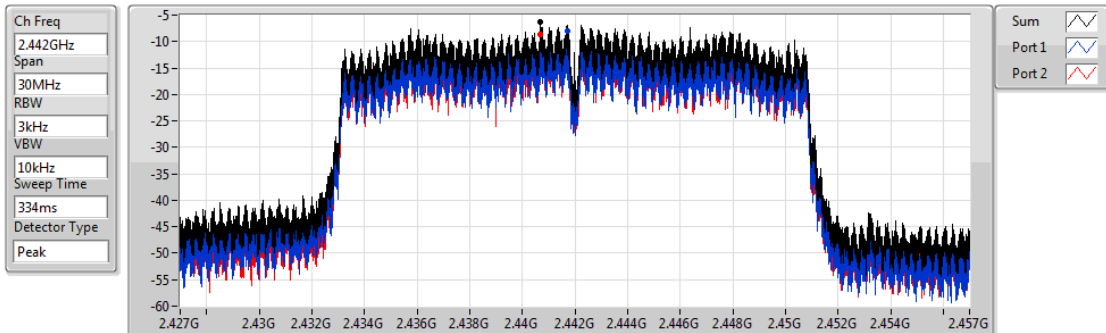
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -5.93     | -5.93     | -8.58     | -8.68     |

### 802.11n HT20\_Nss1,(MCS0)\_2TX

### PSD

2442MHz

09/04/2018



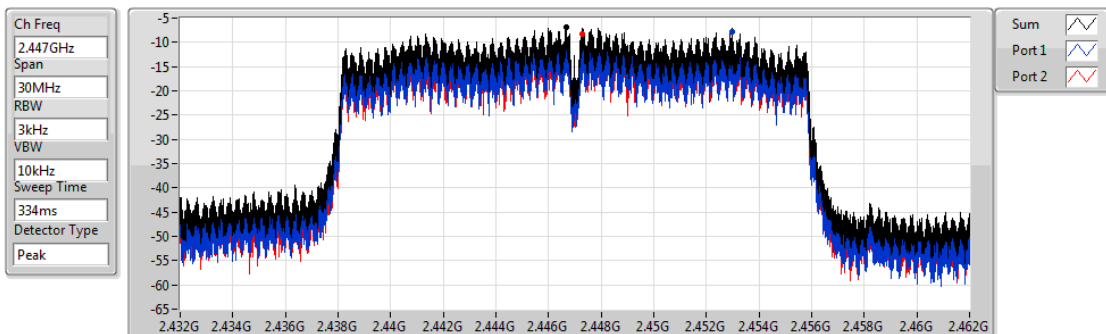
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -6.38     | -6.38     | -8.10     | -8.57     |

### 802.11n HT20\_Nss1,(MCS0)\_2TX

### PSD

2447MHz

09/04/2018



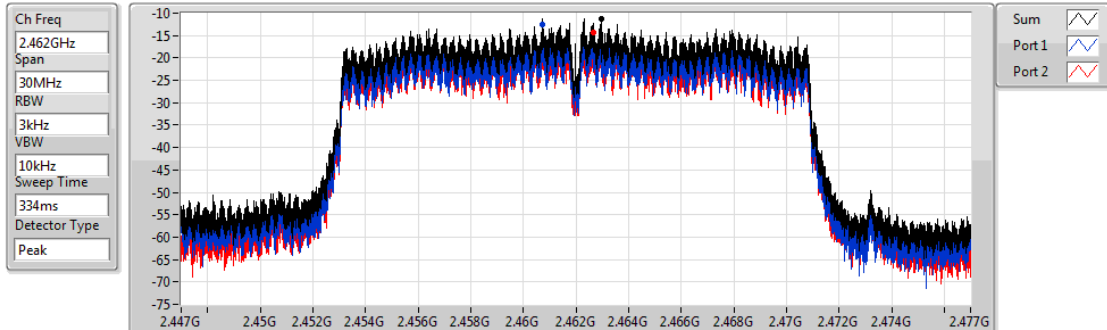
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -6.85     | -6.85     | -7.70     | -8.17     |

### 802.11n HT20\_Nss1,(MCS0)\_2TX

### PSD

2462MHz

14/03/2018



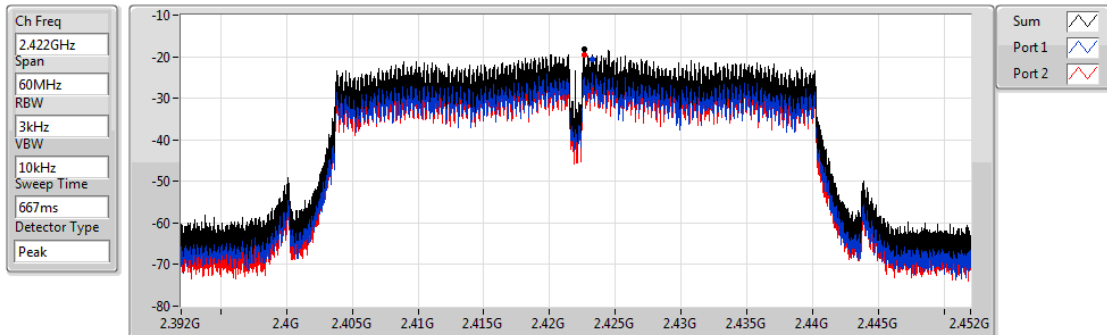
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -11.22    | -11.22    | -12.48    | -14.40    |

### 802.11n HT40\_Nss1,(MCS0)\_2TX

### PSD

2422MHz

14/03/2018



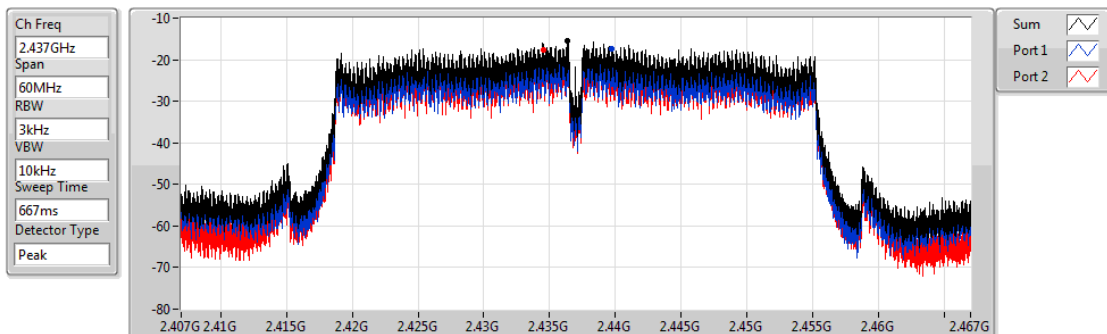
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -18.18    | -18.18    | -20.57    | -19.67    |

### 802.11n HT40\_Nss1,(MCS0)\_2TX

### PSD

2437MHz

14/03/2018



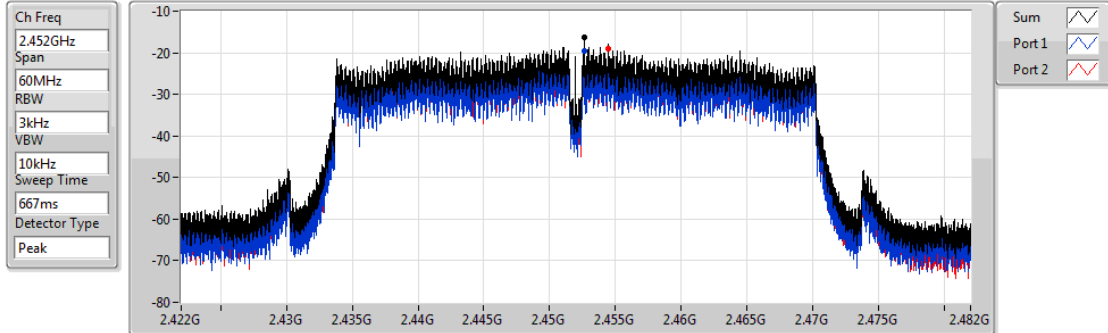
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -15.48    | -15.48    | -17.41    | -17.79    |

802.11n HT40\_Nss1,(MCS0)\_2TX

PSD

2452MHz

14/03/2018



**Summary**

| Mode                            | Result | Ref<br>(Hz) | Ref<br>(dBm) | Limit<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Port |
|---------------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 2.4-2.4835GHz                   | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 802.11b_Nss1,(1Mbps)_1TX(Port1) | Pass   | 2.440915G   | 8.60         | -21.40         | 2.309905G    | -61.14         | 2.398G       | -29.26         | 2.48798G     | -54.48         | 3.214652G    | -40.50         | 1    |
| 802.11g_Nss1,(6Mbps)_2TX        | Pass   | 2.435738G   | 4.78         | -25.22         | 2.30874G     | -59.90         | 2.39776G     | -28.81         | 2.48678G     | -54.56         | 3.214652G    | -40.39         | 2    |
| 802.11n HT20_Nss1,(MCS0)_2TX    | Pass   | 2.439412G   | 4.51         | -25.49         | 2.307575G    | -60.09         | 2.39984G     | -33.44         | 2.49038G     | -55.88         | 3.214652G    | -41.43         | 2    |
| 802.11n HT40_Nss1,(MCS0)_2TX    | Pass   | 2.448263G   | -5.00        | -35.00         | 2.128785G    | -64.03         | 2.39952G     | -35.32         | 2.4851G      | -49.41         | 3.247813G    | -44.59         | 1    |

**Result**

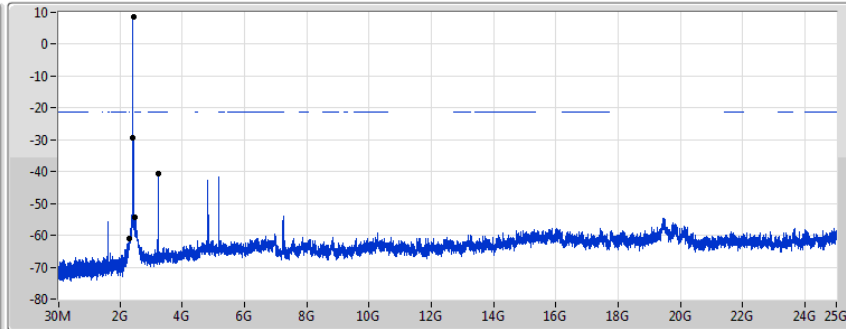
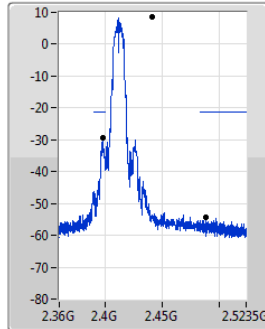
| Mode                            | Result | Ref<br>(Hz) | Ref<br>(dBm) | Limit<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Port |
|---------------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 802.11b_Nss1,(1Mbps)_1TX(Port1) | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz_TnomVnom                | Pass   | 2.440915G   | 8.60         | -21.40         | 2.309905G    | -61.14         | 2.398G       | -29.26         | 2.48798G     | -54.48         | 3.214652G    | -40.50         | 1    |
| 2437MHz_TnomVnom                | Pass   | 2.440915G   | 8.60         | -21.40         | 1.62838G     | -54.70         | 2.3988G      | -54.47         | 2.50094G     | -53.06         | 3.253986G    | -42.03         | 1    |
| 2462MHz_TnomVnom                | Pass   | 2.440915G   | 8.60         | -21.40         | 1.641195G    | -55.31         | 2.39344G     | -56.75         | 2.48398G     | -44.44         | 3.282082G    | -42.40         | 1    |
| 802.11g_Nss1,(6Mbps)_2TX        | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz_TnomVnom                | Pass   | 2.435738G   | 4.78         | -25.22         | 2.30175G     | -58.84         | 2.3936G      | -33.67         | 2.49606G     | -53.07         | 16.236975G   | -53.17         | 1    |
| 2412MHz_TnomVnom                | Pass   | 2.435738G   | 4.78         | -25.22         | 2.30874G     | -59.90         | 2.39776G     | -28.81         | 2.48678G     | -54.56         | 3.214652G    | -40.39         | 2    |
| 2437MHz_TnomVnom                | Pass   | 2.435738G   | 4.78         | -25.22         | 2.30641G     | -59.96         | 2.39928G     | -49.50         | 2.48414G     | -50.37         | 16.239784G   | -53.43         | 1    |
| 2437MHz_TnomVnom                | Pass   | 2.435738G   | 4.78         | -25.22         | 2.30641G     | -59.28         | 2.39928G     | -44.65         | 2.4879G      | -48.60         | 3.248367G    | -40.71         | 2    |
| 2462MHz_TnomVnom                | Pass   | 2.435738G   | 4.78         | -25.22         | 2.30641G     | -61.06         | 2.39768G     | -55.90         | 2.48414G     | -40.74         | 15.183389G   | -53.56         | 1    |
| 2462MHz_TnomVnom                | Pass   | 2.435738G   | 4.78         | -25.22         | 2.30641G     | -62.15         | 2.39968G     | -54.78         | 2.48382G     | -41.20         | 3.282082G    | -42.69         | 2    |
| 802.11n HT20_Nss1,(MCS0)_2TX    | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz_TnomVnom                | Pass   | 2.439412G   | 4.51         | -25.49         | 2.307575G    | -61.14         | 2.39952G     | -34.90         | 2.4863G      | -54.79         | 17.461944G   | -53.60         | 1    |
| 2412MHz_TnomVnom                | Pass   | 2.439412G   | 4.51         | -25.49         | 2.307575G    | -60.09         | 2.39984G     | -33.44         | 2.49038G     | -55.88         | 3.214652G    | -41.43         | 2    |
| 2437MHz_TnomVnom                | Pass   | 2.439412G   | 4.51         | -25.49         | 2.30641G     | -62.25         | 2.398G       | -45.99         | 2.48686G     | -50.65         | 17.447896G   | -53.30         | 1    |
| 2437MHz_TnomVnom                | Pass   | 2.439412G   | 4.51         | -25.49         | 2.309905G    | -60.59         | 2.39824G     | -44.00         | 2.4843G      | -50.97         | 3.248367G    | -41.06         | 2    |
| 2462MHz_TnomVnom                | Pass   | 2.439412G   | 4.51         | -25.49         | 2.307575G    | -61.87         | 2.39048G     | -56.21         | 2.48358G     | -41.51         | 17.467563G   | -54.13         | 1    |
| 2462MHz_TnomVnom                | Pass   | 2.439412G   | 4.51         | -25.49         | 862.975M     | -61.87         | 2.39008G     | -56.34         | 2.48358G     | -41.04         | 3.282082G    | -43.11         | 2    |
| 802.11n HT40_Nss1,(MCS0)_2TX    | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2422MHz_TnomVnom                | Pass   | 2.448263G   | -5.00        | -35.00         | 2.309695G    | -63.97         | 2.39984G     | -39.03         | 2.48702G     | -57.77         | 3.228181G    | -45.19         | 1    |
| 2422MHz_TnomVnom                | Pass   | 2.448263G   | -5.00        | -35.00         | 2.30855G     | -64.65         | 2.39984G     | -42.58         | 2.48558G     | -58.54         | 14.774565G   | -57.92         | 2    |
| 2437MHz_TnomVnom                | Pass   | 2.448263G   | -5.00        | -35.00         | 2.128785G    | -64.03         | 2.39952G     | -35.32         | 2.4851G      | -49.41         | 3.247813G    | -44.59         | 1    |
| 2437MHz_TnomVnom                | Pass   | 2.448263G   | -5.00        | -35.00         | 2.30626G     | -64.88         | 2.3992G      | -41.63         | 2.48382G     | -50.93         | 15.12794G    | -58.34         | 2    |
| 2452MHz_TnomVnom                | Pass   | 2.448263G   | -5.00        | -35.00         | 2.126495G    | -64.85         | 2.39648G     | -60.24         | 2.48382G     | -48.46         | 3.267445G    | -46.45         | 1    |
| 2452MHz_TnomVnom                | Pass   | 2.448263G   | -5.00        | -35.00         | 2.057795G    | -65.35         | 2.39696G     | -58.56         | 2.48478G     | -46.44         | 24.935495G   | -56.80         | 2    |

## 802.11b\_Nss1,(1Mbps)\_1TX(Port1)

CSE NdB

2412MHz

14/03/2018



Port1 

RBW VSW  
100kHz 300kHz  
Detector Type  
Peak

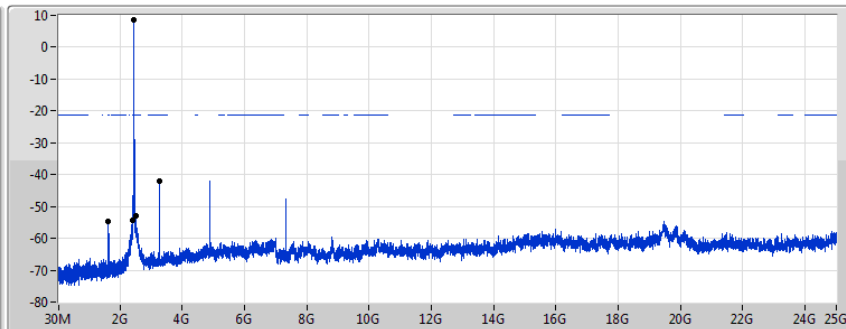
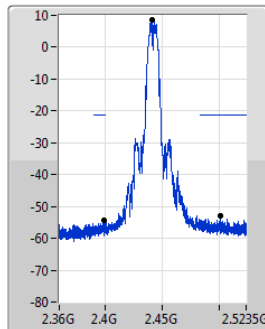
| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz)  | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|-----------|----------|------------|-----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.440915G | 8.60     | -21.40     | 2.309905G | -61.14     | 2.398G   | -29.26     | 2.48798G | -54.48     | 3.214652G | -40.50     | 1    |

## 802.11b\_Nss1,(1Mbps)\_1TX(Port1)

CSE NdB

2437MHz

14/03/2018



Port1 

RBW VSW  
100kHz 300kHz  
Detector Type  
Peak

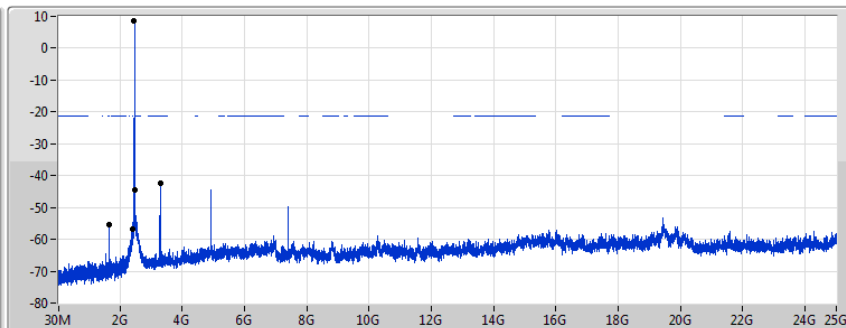
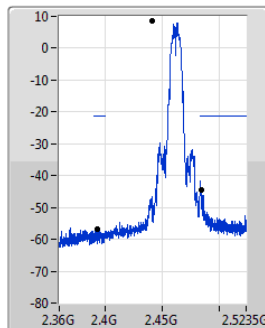
| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|-----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.440915G | 8.60     | -21.40     | 1.62838G | -54.70     | 2.3988G  | -54.47     | 2.50094G | -53.06     | 3.253986G | -42.03     | 1    |

## 802.11b\_Nss1,(1Mbps)\_1TX(Port1)

CSE NdB

2462MHz

14/03/2018



Port1 

RBW VSW  
100kHz 300kHz  
Detector Type  
Peak

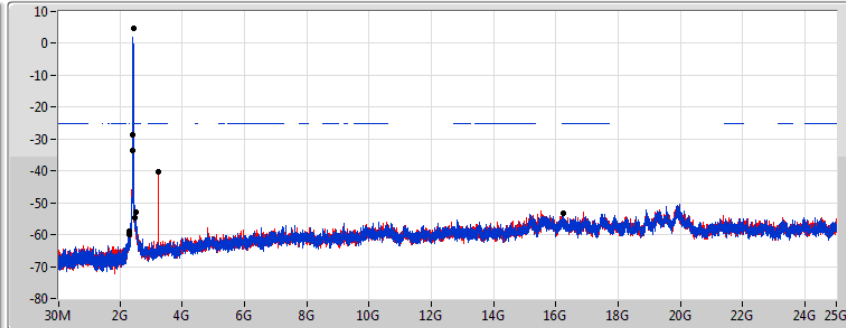
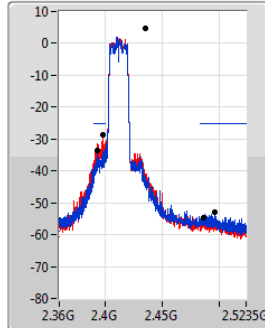
| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz)  | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|-----------|----------|------------|-----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.440915G | 8.60     | -21.40     | 1.641195G | -55.31     | 2.39344G | -56.75     | 2.48398G | -44.44     | 3.282082G | -42.40     | 1    |

## 802.11g\_Nss1,(6Mbps)\_2TX

CSE NdB

2412MHz

09/04/2018



Port 1   
Port 2 

RBW VBW  
100kHz 300kHz  
Detector Type  
Peak

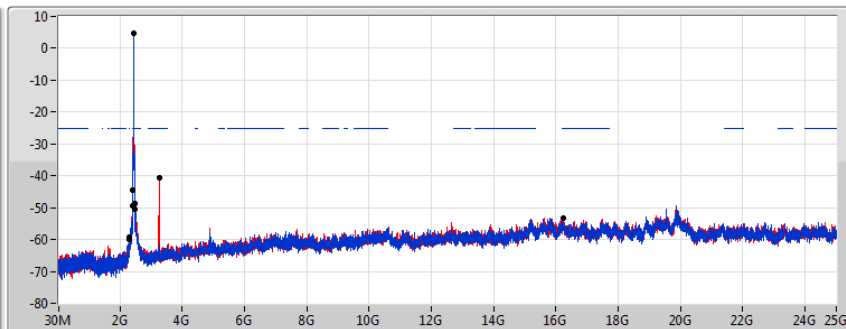
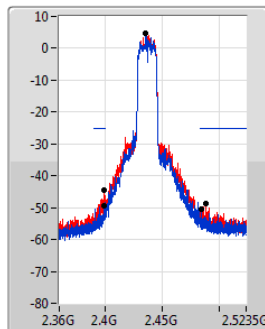
| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)   | Level(dBm) | Port |
|-----------|----------|------------|----------|------------|----------|------------|----------|------------|------------|------------|------|
| 2.435738G | 4.78     | -25.22     | 2.30175G | -58.84     | 2.3936G  | -33.67     | 2.49606G | -53.07     | 16.236975G | -53.17     | 1    |
| 2.435738G | 4.78     | -25.22     | 2.30874G | -59.90     | 2.39776G | -28.81     | 2.48678G | -54.56     | 3.214652G  | -40.39     | 2    |

## 802.11g\_Nss1,(6Mbps)\_2TX

CSE NdB

2437MHz

09/04/2018



Port 1   
Port 2 

RBW VBW  
100kHz 300kHz  
Detector Type  
Peak

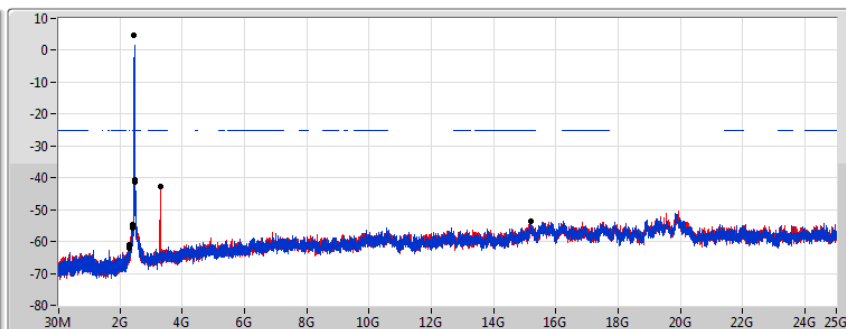
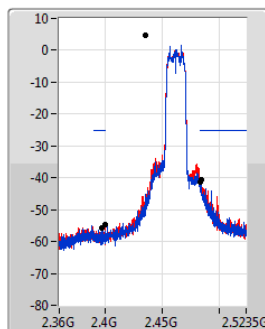
| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)   | Level(dBm) | Port |
|-----------|----------|------------|----------|------------|----------|------------|----------|------------|------------|------------|------|
| 2.435738G | 4.78     | -25.22     | 2.30641G | -59.96     | 2.39928G | -49.50     | 2.48414G | -50.37     | 16.239784G | -53.43     | 1    |
| 2.435738G | 4.78     | -25.22     | 2.30641G | -59.28     | 2.39928G | -44.65     | 2.4879G  | -48.60     | 3.248367G  | -40.71     | 2    |

## 802.11g\_Nss1,(6Mbps)\_2TX

CSE NdB

2462MHz

09/04/2018



Port 1   
Port 2 

RBW VBW  
100kHz 300kHz  
Detector Type  
Peak

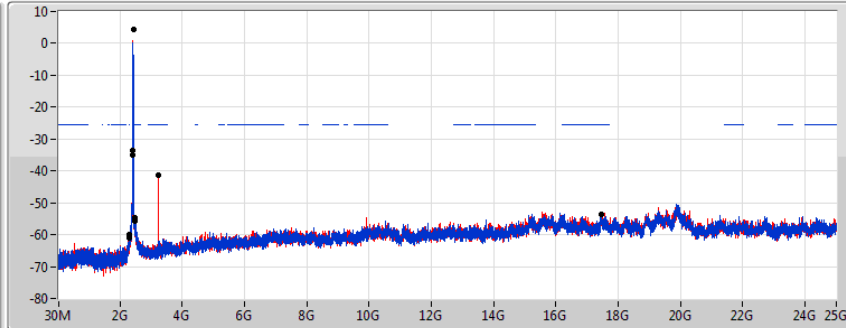
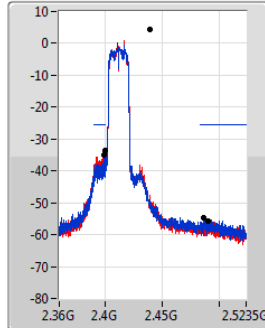
| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)   | Level(dBm) | Port |
|-----------|----------|------------|----------|------------|----------|------------|----------|------------|------------|------------|------|
| 2.435738G | 4.78     | -25.22     | 2.30641G | -61.06     | 2.39768G | -55.90     | 2.48414G | -40.74     | 15.183389G | -53.56     | 1    |
| 2.435738G | 4.78     | -25.22     | 2.30641G | -62.15     | 2.39968G | -54.78     | 2.48382G | -41.20     | 3.282082G  | -42.69     | 2    |

## 802.11n HT20\_Nss1,(MCS0)\_2TX

CSE NdB

2412MHz

09/04/2018



Port 1   
Port 2 

RBW VBW  
100kHz 300kHz  
Detector Type  
Peak

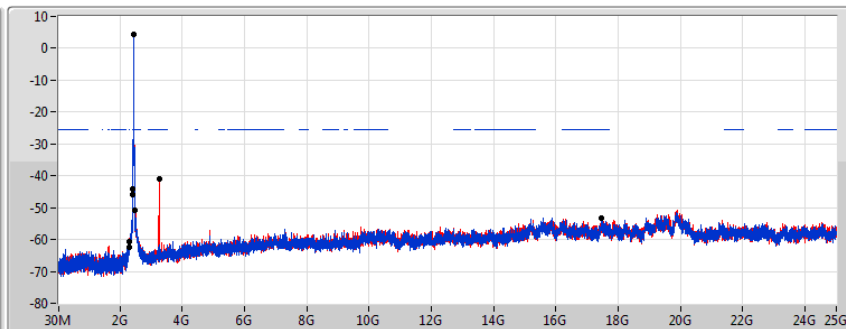
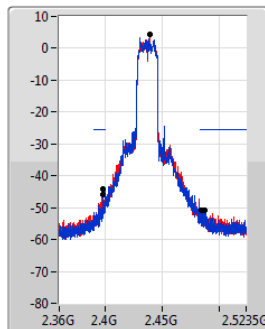
| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz)  | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)   | Level(dBm) | Port |
|-----------|----------|------------|-----------|------------|----------|------------|----------|------------|------------|------------|------|
| 2.439412G | 4.51     | -25.49     | 2.307575G | -61.14     | 2.39952G | -34.90     | 2.4863G  | -54.79     | 17.461944G | -53.60     | 1    |
| 2.439412G | 4.51     | -25.49     | 2.307575G | -60.09     | 2.39984G | -33.44     | 2.49038G | -55.88     | 3.214652G  | -41.43     | 2    |

## 802.11n HT20\_Nss1,(MCS0)\_2TX

CSE NdB

2437MHz

09/04/2018



Port 1   
Port 2 

RBW VBW  
100kHz 300kHz  
Detector Type  
Peak

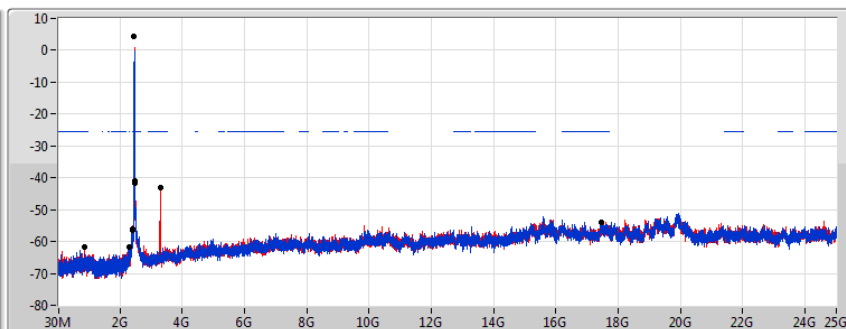
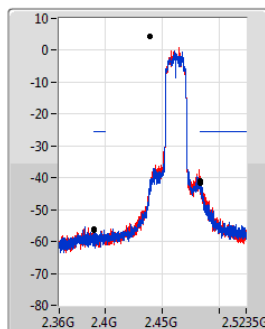
| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz)  | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)   | Level(dBm) | Port |
|-----------|----------|------------|-----------|------------|----------|------------|----------|------------|------------|------------|------|
| 2.439412G | 4.51     | -25.49     | 2.30641G  | -62.25     | 2.398G   | -45.99     | 2.48686G | -50.65     | 17.447896G | -53.30     | 1    |
| 2.439412G | 4.51     | -25.49     | 2.309905G | -60.59     | 2.39824G | -44.00     | 2.4843G  | -50.97     | 3.248367G  | -41.06     | 2    |

## 802.11n HT20\_Nss1,(MCS0)\_2TX

CSE NdB

2462MHz

09/04/2018



Port 1   
Port 2 

RBW VBW  
100kHz 300kHz  
Detector Type  
Peak

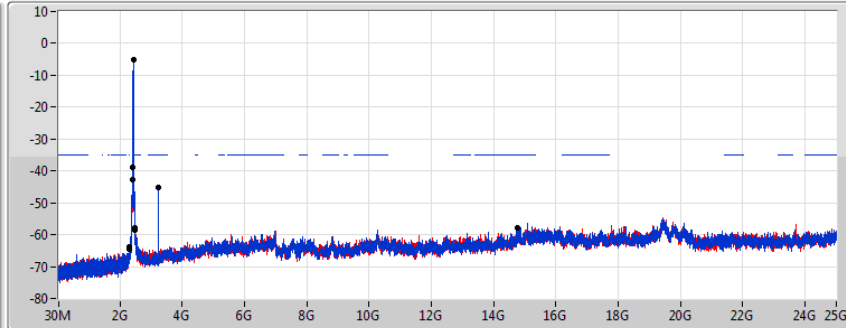
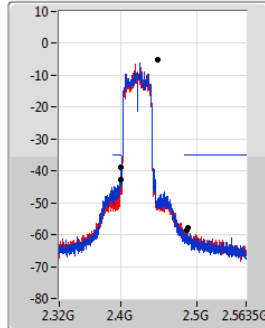
| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz)  | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)   | Level(dBm) | Port |
|-----------|----------|------------|-----------|------------|----------|------------|----------|------------|------------|------------|------|
| 2.439412G | 4.51     | -25.49     | 2.307575G | -61.87     | 2.39048G | -56.21     | 2.48358G | -41.51     | 17.467563G | -54.13     | 1    |
| 2.439412G | 4.51     | -25.49     | 862.975M  | -61.87     | 2.39008G | -56.34     | 2.48358G | -41.04     | 3.282082G  | -43.11     | 2    |

## 802.11n HT40\_Nss1,(MCS0)\_2TX

CSE NdB

2422MHz

14/03/2018



Port 1   
Port 2 

RBW VBW  
100kHz 300kHz  
Detector Type  
Peak

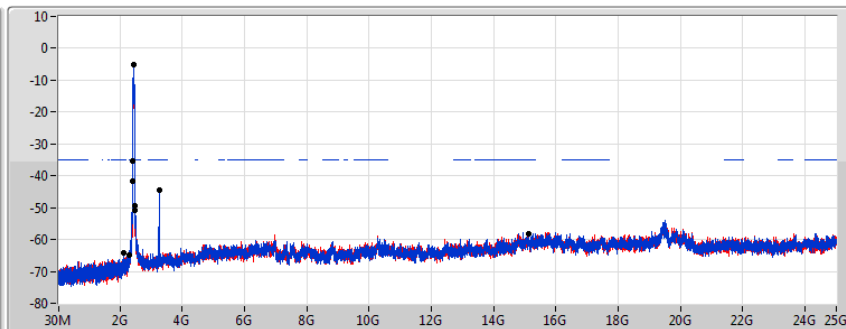
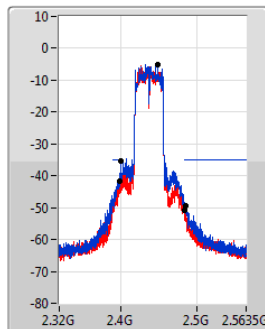
| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz)  | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)   | Level(dBm) | Port |
|-----------|----------|------------|-----------|------------|----------|------------|----------|------------|------------|------------|------|
| 2.448263G | -5.00    | -35.00     | 2.309695G | -63.97     | 2.39984G | -39.03     | 2.48702G | -57.77     | 3.228181G  | -45.19     | 1    |
| 2.448263G | -5.00    | -35.00     | 2.30855G  | -64.65     | 2.39984G | -42.58     | 2.48558G | -58.54     | 14.774565G | -57.92     | 2    |

## 802.11n HT40\_Nss1,(MCS0)\_2TX

CSE NdB

2437MHz

14/03/2018



Port 1   
Port 2 

RBW VBW  
100kHz 300kHz  
Detector Type  
Peak

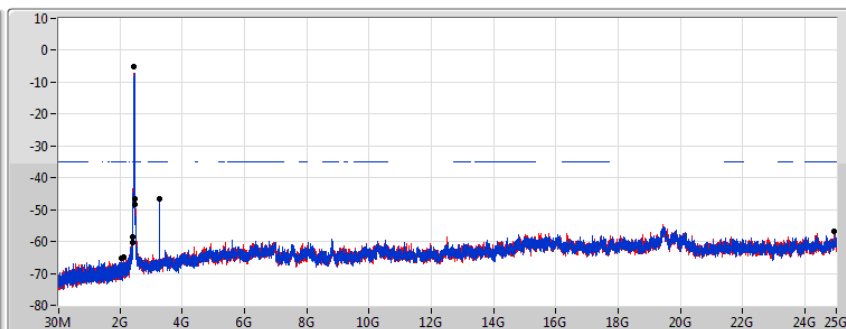
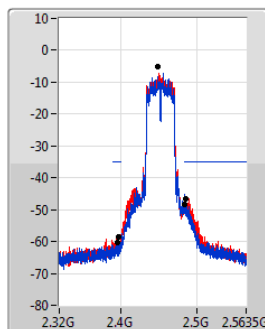
| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz)  | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|-----------|----------|------------|-----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.448263G | -5.00    | -35.00     | 2.128785G | -64.03     | 2.39952G | -35.32     | 2.4851G  | -49.41     | 3.247813G | -44.59     | 1    |
| 2.448263G | -5.00    | -35.00     | 2.30626G  | -64.88     | 2.3992G  | -41.63     | 2.48382G | -50.93     | 15.12794G | -58.34     | 2    |

## 802.11n HT40\_Nss1,(MCS0)\_2TX

CSE NdB

2452MHz

14/03/2018



Port 1   
Port 2 

RBW VBW  
100kHz 300kHz  
Detector Type  
Peak

| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz)  | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)   | Level(dBm) | Port |
|-----------|----------|------------|-----------|------------|----------|------------|----------|------------|------------|------------|------|
| 2.448263G | -5.00    | -35.00     | 2.126495G | -64.85     | 2.39648G | -60.24     | 2.48382G | -48.46     | 3.267445G  | -46.45     | 1    |
| 2.448263G | -5.00    | -35.00     | 2.057795G | -65.35     | 2.39696G | -58.56     | 2.48478G | -46.44     | 24.935495G | -56.80     | 2    |

**Summary**

| Mode                         | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|------------------------------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| 2.4-2.4835GHz                | -      | -    | -            | -                 | -                 | -              | -              | -           | -          | -              | -             | -        |
| 802.11n HT40_Nss1,(MCS0)_2TX | Pass   | PK   | 901.06M      | 37.33             | 46.00             | -8.67          | 2.83           | 3           | Horizontal | 0              | 1.00          | -        |

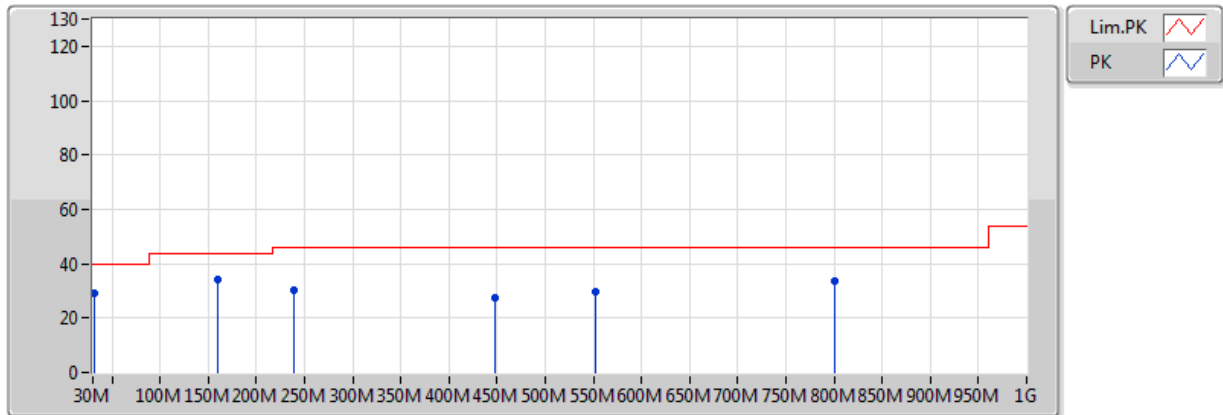
**Result**

| Mode                         | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|------------------------------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| 802.11n HT40_Nss1,(MCS0)_2TX | -      | -    | -            | -                 | -                 | -              | -              | -           | -          | -              | -             | -        |
| 2437MHz                      | Pass   | PK   | 30M          | 26.68             | 40.00             | -13.32         | -2.39          | 3           | Horizontal | 0              | 1.00          | -        |
| 2437MHz                      | Pass   | PK   | 148.34M      | 26.82             | 43.50             | -16.68         | -9.51          | 3           | Horizontal | 0              | 1.00          | -        |
| 2437MHz                      | Pass   | PK   | 249.22M      | 32.50             | 46.00             | -13.50         | -6.60          | 3           | Horizontal | 0              | 1.00          | -        |
| 2437MHz                      | Pass   | PK   | 377.26M      | 28.61             | 46.00             | -17.39         | -4.21          | 3           | Horizontal | 0              | 1.00          | -        |
| 2437MHz                      | Pass   | PK   | 800.18M      | 33.45             | 46.00             | -12.55         | 1.92           | 3           | Horizontal | 0              | 1.00          | -        |
| 2437MHz                      | Pass   | PK   | 901.06M      | 37.33             | 46.00             | -8.67          | 2.83           | 3           | Horizontal | 0              | 1.00          | -        |
| 2437MHz                      | Pass   | PK   | 31.94M       | 28.93             | 40.00             | -11.07         | -3.57          | 3           | Vertical   | 360            | 1.00          | -        |
| 2437MHz                      | Pass   | PK   | 159.98M      | 34.20             | 43.50             | -9.30          | -9.98          | 3           | Vertical   | 360            | 1.00          | -        |
| 2437MHz                      | Pass   | PK   | 239.52M      | 30.20             | 46.00             | -15.80         | -7.72          | 3           | Vertical   | 360            | 1.00          | -        |
| 2437MHz                      | Pass   | PK   | 447.1M       | 27.59             | 46.00             | -18.41         | -2.47          | 3           | Vertical   | 360            | 1.00          | -        |
| 2437MHz                      | Pass   | PK   | 551.86M      | 29.78             | 46.00             | -16.22         | -0.38          | 3           | Vertical   | 360            | 1.00          | -        |
| 2437MHz                      | Pass   | PK   | 800.18M      | 33.85             | 46.00             | -12.15         | 1.92           | 3           | Vertical   | 360            | 1.00          | -        |

## 802.11n HT40\_Nss1,(MCS0)\_2TX

## 2437MHz\_Adapter

24/03/2018

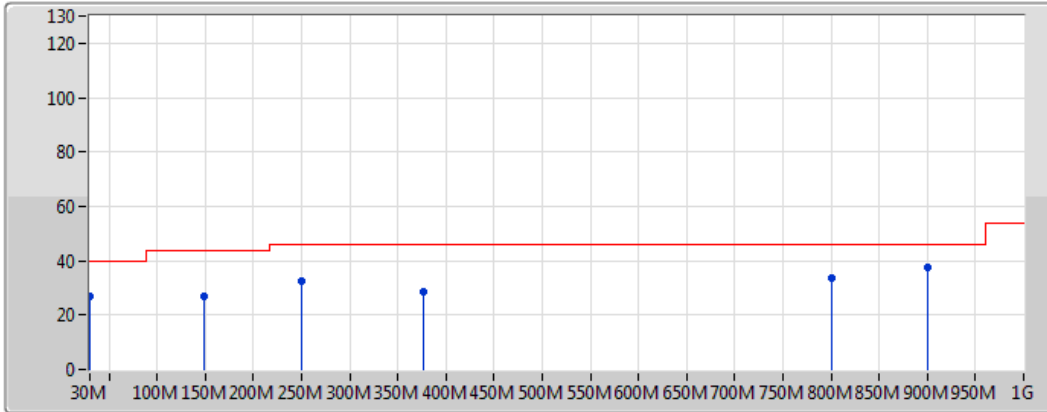


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|---------------|------------|------------|------------|
| PK   | 31.94M       | 28.93             | 40.00             | -11.07         | -3.57          | 3           | Vertical  | 360            | 1.00          | -        | 32.50         | 22.27      | 1.74       | 27.58      |
| PK   | 159.98M      | 34.20             | 43.50             | -9.30          | -9.98          | 3           | Vertical  | 360            | 1.00          | -        | 44.18         | 14.93      | 2.18       | 27.09      |
| PK   | 239.52M      | 30.20             | 46.00             | -15.80         | -7.72          | 3           | Vertical  | 360            | 1.00          | -        | 37.92         | 16.49      | 2.61       | 26.82      |
| PK   | 447.1M       | 27.59             | 46.00             | -18.41         | -2.47          | 3           | Vertical  | 360            | 1.00          | -        | 30.06         | 21.67      | 3.41       | 27.55      |
| PK   | 551.86M      | 29.78             | 46.00             | -16.22         | -0.38          | 3           | Vertical  | 360            | 1.00          | -        | 30.16         | 23.87      | 3.66       | 27.91      |
| PK   | 800.18M      | 33.85             | 46.00             | -12.15         | 1.92           | 3           | Vertical  | 360            | 1.00          | -        | 31.93         | 24.97      | 4.69       | 27.74      |

## 802.11n HT40\_Nss1,(MCS0)\_2TX

## 2437MHz\_Adapter

24/03/2018



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|---------------|------------|------------|------------|
| PK   | 30M          | 26.68             | 40.00             | -13.32         | -2.39          | 3           | Horizontal | 0              | 1.00          | -        | 29.07         | 23.48      | 1.71       | 27.58      |
| PK   | 148.34M      | 26.82             | 43.50             | -16.68         | -9.51          | 3           | Horizontal | 0              | 1.00          | -        | 36.33         | 15.53      | 2.11       | 27.15      |
| PK   | 249.22M      | 32.50             | 46.00             | -13.50         | -6.60          | 3           | Horizontal | 0              | 1.00          | -        | 39.10         | 17.66      | 2.55       | 26.80      |
| PK   | 377.26M      | 28.61             | 46.00             | -17.39         | -4.21          | 3           | Horizontal | 0              | 1.00          | -        | 32.82         | 19.93      | 3.02       | 27.15      |
| PK   | 800.18M      | 33.45             | 46.00             | -12.55         | 1.92           | 3           | Horizontal | 0              | 1.00          | -        | 31.53         | 24.97      | 4.69       | 27.74      |
| PK   | 901.06M      | 37.33             | 46.00             | -8.67          | 2.83           | 3           | Horizontal | 0              | 1.00          | -        | 34.50         | 25.55      | 4.78       | 27.50      |

**Summary**

| Mode                            | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|---------------------------------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| 2.4-2.4835GHz                   | -      | -    | -            | -                 | -                 | -              | -              | -           | -          | -              | -             | -        |
| 802.11b_Nss1,(1Mbps)_1TX(Port1) | Pass   | AV   | 2.389998G    | 53.57             | 54.00             | -0.43          | 30.55          | 3           | Horizontal | 23             | 1.53          | -        |
| 802.11g_Nss1,(6Mbps)_2TX        | Pass   | AV   | 2.3876G      | 53.83             | 54.00             | -0.17          | 34.92          | 3           | Horizontal | 241            | 1.01          | -        |
| 802.11n HT20_Nss1,(MCS0)_2TX    | Pass   | AV   | 2.3898G      | 53.87             | 54.00             | -0.13          | 34.92          | 3           | Horizontal | 251            | 1.01          | -        |
| 802.11n HT40_Nss1,(MCS0)_2TX    | Pass   | AV   | 2.3898G      | 53.85             | 54.00             | -0.15          | 34.92          | 3           | Horizontal | 250            | 1.02          | -        |

**Result**

| Mode                            | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|---------------------------------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| 802.11b_Nss1,(1Mbps)_1TX(Port1) | -      | -    | -            | -                 | -                 | -              | -              | -           | -          | -              | -             | -        |
| 2412MHz                         | Pass   | AV   | 2.389998G    | 53.57             | 54.00             | -0.43          | 30.55          | 3           | Horizontal | 23             | 1.53          | -        |
| 2412MHz                         | Pass   | AV   | 2.4128G      | 104.61            | Inf               | -Inf           | 30.64          | 3           | Horizontal | 23             | 1.53          | -        |
| 2412MHz                         | Pass   | PK   | 2.389998G    | 61.81             | 74.00             | -12.19         | 30.55          | 3           | Horizontal | 23             | 1.53          | -        |
| 2412MHz                         | Pass   | PK   | 2.413G       | 107.38            | Inf               | -Inf           | 30.64          | 3           | Horizontal | 23             | 1.53          | -        |
| 2412MHz                         | Pass   | AV   | 2.389998G    | 51.48             | 54.00             | -2.52          | 30.55          | 3           | Vertical   | 227            | 2.51          | -        |
| 2412MHz                         | Pass   | AV   | 2.4128G      | 100.29            | Inf               | -Inf           | 30.64          | 3           | Vertical   | 227            | 2.51          | -        |
| 2412MHz                         | Pass   | PK   | 2.3894G      | 60.58             | 74.00             | -13.42         | 30.55          | 3           | Vertical   | 227            | 2.51          | -        |
| 2412MHz                         | Pass   | PK   | 2.413G       | 102.93            | Inf               | -Inf           | 30.64          | 3           | Vertical   | 227            | 2.51          | -        |
| 2412MHz                         | Pass   | AV   | 4.82394G     | 49.45             | 54.00             | -4.55          | 5.96           | 3           | Horizontal | 287            | 1.02          | -        |
| 2412MHz                         | Pass   | PK   | 4.824G       | 56.20             | 74.00             | -17.80         | 5.96           | 3           | Horizontal | 287            | 1.02          | -        |
| 2412MHz                         | Pass   | AV   | 4.82391G     | 48.03             | 54.00             | -5.97          | 5.96           | 3           | Vertical   | 273            | 2.51          | -        |
| 2412MHz                         | Pass   | PK   | 4.82399G     | 52.27             | 74.00             | -21.73         | 5.96           | 3           | Vertical   | 273            | 2.51          | -        |
| 2417MHz                         | Pass   | AV   | 2.389998G    | 50.62             | 54.00             | -3.38          | 34.92          | 3           | Horizontal | 347            | 3.12          | -        |
| 2417MHz                         | Pass   | AV   | 2.418G       | 99.09             | Inf               | -Inf           | 35.05          | 3           | Horizontal | 347            | 3.12          | -        |
| 2417MHz                         | Pass   | PK   | 2.3762G      | 61.22             | 74.00             | -12.78         | 34.85          | 3           | Horizontal | 347            | 3.12          | -        |
| 2417MHz                         | Pass   | PK   | 2.417G       | 102.49            | Inf               | -Inf           | 35.05          | 3           | Horizontal | 347            | 3.12          | -        |
| 2417MHz                         | Pass   | AV   | 2.389998G    | 50.46             | 54.00             | -3.54          | 34.92          | 3           | Vertical   | 218            | 3.17          | -        |
| 2417MHz                         | Pass   | AV   | 2.416G       | 97.03             | Inf               | -Inf           | 35.05          | 3           | Vertical   | 218            | 3.17          | -        |
| 2417MHz                         | Pass   | PK   | 2.3748G      | 60.70             | 74.00             | -13.30         | 34.85          | 3           | Vertical   | 218            | 3.17          | -        |
| 2417MHz                         | Pass   | PK   | 2.417G       | 100.41            | Inf               | -Inf           | 35.05          | 3           | Vertical   | 218            | 3.17          | -        |
| 2437MHz                         | Pass   | AV   | 2.3886G      | 44.85             | 54.00             | -9.15          | 30.55          | 3           | Horizontal | 28             | 1.01          | -        |
| 2437MHz                         | Pass   | AV   | 2.4362G      | 103.82            | Inf               | -Inf           | 30.72          | 3           | Horizontal | 28             | 1.01          | -        |
| 2437MHz                         | Pass   | AV   | 2.4898G      | 45.97             | 54.00             | -8.03          | 30.91          | 3           | Horizontal | 28             | 1.01          | -        |
| 2437MHz                         | Pass   | PK   | 2.3762G      | 57.42             | 74.00             | -16.58         | 30.51          | 3           | Horizontal | 28             | 1.01          | -        |
| 2437MHz                         | Pass   | PK   | 2.4862G      | 60.07             | 74.00             | -13.93         | 30.90          | 3           | Horizontal | 28             | 1.01          | -        |
| 2437MHz                         | Pass   | AV   | 2.389G       | 44.36             | 54.00             | -9.64          | 30.55          | 3           | Vertical   | 230            | 2.45          | -        |
| 2437MHz                         | Pass   | AV   | 2.4362G      | 97.96             | Inf               | -Inf           | 30.72          | 3           | Vertical   | 230            | 2.45          | -        |
| 2437MHz                         | Pass   | AV   | 2.4898G      | 45.11             | 54.00             | -8.89          | 30.91          | 3           | Vertical   | 230            | 2.45          | -        |
| 2437MHz                         | Pass   | PK   | 2.3726G      | 57.69             | 74.00             | -16.31         | 30.50          | 3           | Vertical   | 230            | 2.45          | -        |
| 2437MHz                         | Pass   | PK   | 2.4362G      | 100.70            | Inf               | -Inf           | 30.72          | 3           | Vertical   | 230            | 2.45          | -        |
| 2437MHz                         | Pass   | PK   | 2.491G       | 58.09             | 74.00             | -15.91         | 30.92          | 3           | Vertical   | 230            | 2.45          | -        |
| 2437MHz                         | Pass   | AV   | 4.87398G     | 43.34             | 54.00             | -10.66         | 6.08           | 3           | Horizontal | 285            | 1.09          | -        |
| 2437MHz                         | Pass   | PK   | 4.87375G     | 49.20             | 74.00             | -24.80         | 6.08           | 3           | Horizontal | 285            | 1.09          | -        |
| 2437MHz                         | Pass   | AV   | 4.87396G     | 45.20             | 54.00             | -8.80          | 6.08           | 3           | Vertical   | 267            | 2.17          | -        |
| 2437MHz                         | Pass   | PK   | 4.87396G     | 49.83             | 74.00             | -24.17         | 6.08           | 3           | Vertical   | 267            | 2.17          | -        |
| 2457MHz                         | Pass   | AV   | 2.456G       | 99.06             | Inf               | -Inf           | 35.23          | 3           | Horizontal | 14             | 1.00          | -        |
| 2457MHz                         | Pass   | AV   | 2.483502G    | 51.38             | 54.00             | -2.62          | 35.36          | 3           | Horizontal | 14             | 1.00          | -        |
| 2457MHz                         | Pass   | PK   | 2.457G       | 102.04            | Inf               | -Inf           | 35.24          | 3           | Horizontal | 14             | 1.00          | -        |
| 2457MHz                         | Pass   | PK   | 2.4968G      | 62.06             | 74.00             | -11.94         | 35.42          | 3           | Horizontal | 14             | 1.00          | -        |
| 2457MHz                         | Pass   | AV   | 2.458G       | 89.22             | Inf               | -Inf           | 35.24          | 3           | Vertical   | 213            | 1.00          | -        |
| 2457MHz                         | Pass   | AV   | 2.4988G      | 50.97             | 54.00             | -3.03          | 35.44          | 3           | Vertical   | 213            | 1.00          | -        |
| 2457MHz                         | Pass   | PK   | 2.457G       | 92.52             | Inf               | -Inf           | 35.24          | 3           | Vertical   | 213            | 1.00          | -        |
| 2457MHz                         | Pass   | PK   | 2.4918G      | 61.81             | 74.00             | -12.19         | 35.40          | 3           | Vertical   | 213            | 1.00          | -        |
| 2462MHz                         | Pass   | AV   | 2.4612G      | 100.86            | Inf               | -Inf           | 30.81          | 3           | Horizontal | 23             | 1.31          | -        |
| 2462MHz                         | Pass   | AV   | 2.483502G    | 52.87             | 54.00             | -1.13          | 30.89          | 3           | Horizontal | 23             | 1.31          | -        |
| 2462MHz                         | Pass   | PK   | 2.4618G      | 103.55            | Inf               | -Inf           | 30.81          | 3           | Horizontal | 23             | 1.31          | -        |
| 2462MHz                         | Pass   | PK   | 2.4836G      | 61.69             | 74.00             | -12.31         | 30.89          | 3           | Horizontal | 23             | 1.31          | -        |



## RSE TX above 1GHz Result

## Appendix F.2

| Mode                     | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|--------------------------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| 2462MHz                  | Pass   | AV   | 2.4628G      | 97.16             | Inf               | -Inf           | 30.82          | 3           | Vertical   | 62             | 2.71          | -        |
| 2462MHz                  | Pass   | AV   | 2.483502G    | 49.58             | 54.00             | -4.42          | 30.89          | 3           | Vertical   | 62             | 2.71          | -        |
| 2462MHz                  | Pass   | PK   | 2.462G       | 99.89             | Inf               | -Inf           | 30.81          | 3           | Vertical   | 62             | 2.71          | -        |
| 2462MHz                  | Pass   | PK   | 2.4836G      | 60.11             | 74.00             | -13.89         | 30.89          | 3           | Vertical   | 62             | 2.71          | -        |
| 2462MHz                  | Pass   | AV   | 4.923976G    | 42.49             | 54.00             | -11.51         | 6.21           | 3           | Horizontal | 287            | 1.06          | -        |
| 2462MHz                  | Pass   | PK   | 4.92408G     | 49.12             | 74.00             | -24.88         | 6.21           | 3           | Horizontal | 287            | 1.06          | -        |
| 2462MHz                  | Pass   | AV   | 4.92402G     | 44.52             | 54.00             | -9.48          | 6.21           | 3           | Vertical   | 281            | 2.14          | -        |
| 2462MHz                  | Pass   | PK   | 4.92403G     | 50.68             | 74.00             | -23.32         | 6.21           | 3           | Vertical   | 281            | 2.14          | -        |
| 802.11g_Nss1,(6Mbps)_2TX | -      | -    | -            | -                 | -                 | -              | -              | -           | -          | -              | -             | -        |
| 2412MHz                  | Pass   | AV   | 2.389998G    | 53.42             | 54.00             | -0.58          | 30.55          | 3           | Horizontal | 246            | 1.18          | -        |
| 2412MHz                  | Pass   | AV   | 2.4128G      | 101.08            | Inf               | -Inf           | 30.64          | 3           | Horizontal | 246            | 1.18          | -        |
| 2412MHz                  | Pass   | PK   | 2.3882G      | 72.20             | 74.00             | -1.80          | 30.55          | 3           | Horizontal | 246            | 1.18          | -        |
| 2412MHz                  | Pass   | PK   | 2.413G       | 111.05            | Inf               | -Inf           | 30.64          | 3           | Horizontal | 246            | 1.18          | -        |
| 2412MHz                  | Pass   | AV   | 2.3896G      | 52.21             | 54.00             | -1.79          | 30.55          | 3           | Vertical   | 228            | 2.85          | -        |
| 2412MHz                  | Pass   | AV   | 2.4134G      | 94.35             | Inf               | -Inf           | 30.64          | 3           | Vertical   | 228            | 2.85          | -        |
| 2412MHz                  | Pass   | PK   | 2.389998G    | 70.20             | 74.00             | -3.80          | 30.55          | 3           | Vertical   | 228            | 2.85          | -        |
| 2412MHz                  | Pass   | PK   | 2.4134G      | 104.14            | Inf               | -Inf           | 30.64          | 3           | Vertical   | 228            | 2.85          | -        |
| 2412MHz                  | Pass   | AV   | 4.824679G    | 34.62             | 54.00             | -19.38         | 5.96           | 3           | Horizontal | 296            | 1.00          | -        |
| 2412MHz                  | Pass   | PK   | 4.824878G    | 48.54             | 74.00             | -25.46         | 5.96           | 3           | Horizontal | 296            | 1.00          | -        |
| 2412MHz                  | Pass   | AV   | 4.825158G    | 33.81             | 54.00             | -20.19         | 5.96           | 3           | Vertical   | 210            | 1.14          | -        |
| 2412MHz                  | Pass   | PK   | 4.826116G    | 47.61             | 74.00             | -26.39         | 5.97           | 3           | Vertical   | 210            | 1.14          | -        |
| 2417MHz                  | Pass   | AV   | 2.388G       | 53.49             | 54.00             | -0.51          | 34.92          | 3           | Horizontal | 243            | 1.02          | -        |
| 2417MHz                  | Pass   | AV   | 2.4178G      | 101.03            | Inf               | -Inf           | 35.05          | 3           | Horizontal | 243            | 1.02          | -        |
| 2417MHz                  | Pass   | PK   | 2.3878G      | 68.41             | 74.00             | -5.59          | 34.92          | 3           | Horizontal | 243            | 1.02          | -        |
| 2417MHz                  | Pass   | PK   | 2.418G       | 109.30            | Inf               | -Inf           | 35.05          | 3           | Horizontal | 243            | 1.02          | -        |
| 2417MHz                  | Pass   | AV   | 2.3894G      | 50.38             | 54.00             | -3.62          | 34.92          | 3           | Vertical   | 1              | 1.01          | -        |
| 2417MHz                  | Pass   | AV   | 2.4152G      | 89.45             | Inf               | -Inf           | 35.04          | 3           | Vertical   | 1              | 1.01          | -        |
| 2417MHz                  | Pass   | PK   | 2.3854G      | 62.17             | 74.00             | -11.83         | 34.90          | 3           | Vertical   | 1              | 1.01          | -        |
| 2417MHz                  | Pass   | PK   | 2.4148G      | 97.82             | Inf               | -Inf           | 35.04          | 3           | Vertical   | 1              | 1.01          | -        |
| 2422MHz                  | Pass   | AV   | 2.388G       | 53.61             | 54.00             | -0.39          | 34.92          | 3           | Horizontal | 241            | 1.01          | -        |
| 2422MHz                  | Pass   | AV   | 2.423G       | 102.81            | Inf               | -Inf           | 35.08          | 3           | Horizontal | 241            | 1.01          | -        |
| 2422MHz                  | Pass   | PK   | 2.3886G      | 68.40             | 74.00             | -5.60          | 34.92          | 3           | Horizontal | 241            | 1.01          | -        |
| 2422MHz                  | Pass   | PK   | 2.4232G      | 111.24            | Inf               | -Inf           | 35.08          | 3           | Horizontal | 241            | 1.01          | -        |
| 2422MHz                  | Pass   | AV   | 2.3898G      | 50.49             | 54.00             | -3.51          | 34.92          | 3           | Vertical   | 357            | 1.04          | -        |
| 2422MHz                  | Pass   | AV   | 2.4242G      | 90.83             | Inf               | -Inf           | 35.08          | 3           | Vertical   | 357            | 1.04          | -        |
| 2422MHz                  | Pass   | PK   | 2.3894G      | 62.16             | 74.00             | -11.84         | 34.92          | 3           | Vertical   | 357            | 1.04          | -        |
| 2422MHz                  | Pass   | PK   | 2.4198G      | 99.29             | Inf               | -Inf           | 35.06          | 3           | Vertical   | 357            | 1.04          | -        |
| 2427MHz                  | Pass   | AV   | 2.3876G      | 53.83             | 54.00             | -0.17          | 34.92          | 3           | Horizontal | 241            | 1.01          | -        |
| 2427MHz                  | Pass   | AV   | 2.428G       | 104.07            | Inf               | -Inf           | 35.10          | 3           | Horizontal | 241            | 1.01          | -        |
| 2427MHz                  | Pass   | PK   | 2.3874G      | 68.79             | 74.00             | -5.21          | 34.91          | 3           | Horizontal | 241            | 1.01          | -        |
| 2427MHz                  | Pass   | PK   | 2.428G       | 112.16            | Inf               | -Inf           | 35.10          | 3           | Horizontal | 241            | 1.01          | -        |
| 2427MHz                  | Pass   | AV   | 2.3894G      | 50.56             | 54.00             | -3.44          | 34.92          | 3           | Vertical   | 2              | 1.02          | -        |
| 2427MHz                  | Pass   | AV   | 2.425G       | 92.03             | Inf               | -Inf           | 35.09          | 3           | Vertical   | 2              | 1.02          | -        |
| 2427MHz                  | Pass   | PK   | 2.389G       | 62.05             | 74.00             | -11.95         | 34.92          | 3           | Vertical   | 2              | 1.02          | -        |
| 2427MHz                  | Pass   | PK   | 2.4258G      | 100.12            | Inf               | -Inf           | 35.09          | 3           | Vertical   | 2              | 1.02          | -        |
| 2432MHz                  | Pass   | AV   | 2.3884G      | 53.76             | 54.00             | -0.24          | 34.92          | 3           | Horizontal | 241            | 1.01          | -        |
| 2432MHz                  | Pass   | AV   | 2.4328G      | 104.69            | Inf               | -Inf           | 35.12          | 3           | Horizontal | 241            | 1.01          | -        |
| 2432MHz                  | Pass   | AV   | 2.4864G      | 52.27             | 54.00             | -1.73          | 35.37          | 3           | Horizontal | 241            | 1.01          | -        |
| 2432MHz                  | Pass   | PK   | 2.3884G      | 71.16             | 74.00             | -2.84          | 34.92          | 3           | Horizontal | 241            | 1.01          | -        |



## RSE TX above 1GHz Result

## Appendix F.2

| Mode    | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|---------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| 2432MHz | Pass   | PK   | 2.4328G      | 113.30            | Inf               | -Inf           | 35.12          | 3           | Horizontal | 241            | 1.01          | -        |
| 2432MHz | Pass   | PK   | 2.4876G      | 65.98             | 74.00             | -8.02          | 35.39          | 3           | Horizontal | 241            | 1.01          | -        |
| 2432MHz | Pass   | AV   | 2.389998G    | 50.84             | 54.00             | -3.16          | 34.92          | 3           | Vertical   | 321            | 1.04          | -        |
| 2432MHz | Pass   | AV   | 2.4304G      | 95.00             | Inf               | -Inf           | 35.11          | 3           | Vertical   | 321            | 1.04          | -        |
| 2432MHz | Pass   | AV   | 2.484G       | 51.11             | 54.00             | -2.89          | 35.37          | 3           | Vertical   | 321            | 1.04          | -        |
| 2432MHz | Pass   | PK   | 2.388G       | 61.93             | 74.00             | -12.07         | 34.92          | 3           | Vertical   | 321            | 1.04          | -        |
| 2432MHz | Pass   | PK   | 2.4304G      | 103.11            | Inf               | -Inf           | 35.11          | 3           | Vertical   | 321            | 1.04          | -        |
| 2432MHz | Pass   | PK   | 2.4852G      | 61.53             | 74.00             | -12.47         | 35.37          | 3           | Vertical   | 321            | 1.04          | -        |
| 2437MHz | Pass   | AV   | 2.3882G      | 51.53             | 54.00             | -2.47          | 30.55          | 3           | Horizontal | 244            | 1.24          | -        |
| 2437MHz | Pass   | AV   | 2.4374G      | 107.72            | Inf               | -Inf           | 30.72          | 3           | Horizontal | 244            | 1.24          | -        |
| 2437MHz | Pass   | AV   | 2.4866G      | 53.52             | 54.00             | -0.48          | 30.91          | 3           | Horizontal | 244            | 1.24          | -        |
| 2437MHz | Pass   | PK   | 2.3878G      | 73.33             | 74.00             | -0.67          | 30.55          | 3           | Horizontal | 244            | 1.24          | -        |
| 2437MHz | Pass   | PK   | 2.4374G      | 117.18            | Inf               | -Inf           | 30.72          | 3           | Horizontal | 244            | 1.24          | -        |
| 2437MHz | Pass   | PK   | 2.4874G      | 69.75             | 74.00             | -4.25          | 30.91          | 3           | Horizontal | 244            | 1.24          | -        |
| 2437MHz | Pass   | AV   | 2.3894G      | 47.48             | 54.00             | -6.52          | 30.55          | 3           | Vertical   | 334            | 1.10          | -        |
| 2437MHz | Pass   | AV   | 2.4354G      | 98.00             | Inf               | -Inf           | 30.72          | 3           | Vertical   | 334            | 1.10          | -        |
| 2437MHz | Pass   | AV   | 2.4842G      | 48.47             | 54.00             | -5.53          | 30.89          | 3           | Vertical   | 334            | 1.10          | -        |
| 2437MHz | Pass   | PK   | 2.3898G      | 61.98             | 74.00             | -12.02         | 30.55          | 3           | Vertical   | 334            | 1.10          | -        |
| 2437MHz | Pass   | PK   | 2.4354G      | 107.44            | Inf               | -Inf           | 30.72          | 3           | Vertical   | 334            | 1.10          | -        |
| 2437MHz | Pass   | PK   | 2.4862G      | 62.87             | 74.00             | -11.13         | 30.90          | 3           | Vertical   | 334            | 1.10          | -        |
| 2437MHz | Pass   | AV   | 4.8747G      | 47.99             | 54.00             | -6.01          | 6.09           | 3           | Horizontal | 300            | 1.01          | -        |
| 2437MHz | Pass   | PK   | 4.8746G      | 61.63             | 74.00             | -12.37         | 6.09           | 3           | Horizontal | 300            | 1.01          | -        |
| 2437MHz | Pass   | AV   | 4.8745G      | 47.27             | 54.00             | -6.73          | 6.09           | 3           | Vertical   | 166            | 1.12          | -        |
| 2437MHz | Pass   | PK   | 4.8745G      | 61.46             | 74.00             | -12.54         | 6.09           | 3           | Vertical   | 166            | 1.12          | -        |
| 2442MHz | Pass   | AV   | 2.388G       | 50.85             | 54.00             | -3.15          | 34.92          | 3           | Horizontal | 233            | 1.12          | -        |
| 2442MHz | Pass   | AV   | 2.4428G      | 104.95            | Inf               | -Inf           | 35.17          | 3           | Horizontal | 233            | 1.12          | -        |
| 2442MHz | Pass   | AV   | 2.4864G      | 53.65             | 54.00             | -0.35          | 35.37          | 3           | Horizontal | 233            | 1.12          | -        |
| 2442MHz | Pass   | PK   | 2.388G       | 63.75             | 74.00             | -10.25         | 34.92          | 3           | Horizontal | 233            | 1.12          | -        |
| 2442MHz | Pass   | PK   | 2.4432G      | 112.59            | Inf               | -Inf           | 35.17          | 3           | Horizontal | 233            | 1.12          | -        |
| 2442MHz | Pass   | PK   | 2.4876G      | 67.42             | 74.00             | -6.58          | 35.39          | 3           | Horizontal | 233            | 1.12          | -        |
| 2442MHz | Pass   | AV   | 2.3892G      | 50.25             | 54.00             | -3.75          | 34.92          | 3           | Vertical   | 213            | 2.97          | -        |
| 2442MHz | Pass   | AV   | 2.4436G      | 96.03             | Inf               | -Inf           | 35.17          | 3           | Vertical   | 213            | 2.97          | -        |
| 2442MHz | Pass   | AV   | 2.483502G    | 51.37             | 54.00             | -2.63          | 35.36          | 3           | Vertical   | 213            | 2.97          | -        |
| 2442MHz | Pass   | PK   | 2.3884G      | 60.87             | 74.00             | -13.13         | 34.92          | 3           | Vertical   | 213            | 2.97          | -        |
| 2442MHz | Pass   | PK   | 2.4432G      | 104.06            | Inf               | -Inf           | 35.17          | 3           | Vertical   | 213            | 2.97          | -        |
| 2442MHz | Pass   | PK   | 2.484G       | 62.37             | 74.00             | -11.63         | 35.37          | 3           | Vertical   | 213            | 2.97          | -        |
| 2447MHz | Pass   | AV   | 2.4478G      | 103.27            | Inf               | -Inf           | 35.19          | 3           | Horizontal | 235            | 1.00          | -        |
| 2447MHz | Pass   | AV   | 2.483502G    | 53.65             | 54.00             | -0.35          | 35.36          | 3           | Horizontal | 235            | 1.00          | -        |
| 2447MHz | Pass   | PK   | 2.4478G      | 110.91            | Inf               | -Inf           | 35.19          | 3           | Horizontal | 235            | 1.00          | -        |
| 2447MHz | Pass   | PK   | 2.4872G      | 66.81             | 74.00             | -7.19          | 35.38          | 3           | Horizontal | 235            | 1.00          | -        |
| 2447MHz | Pass   | AV   | 2.4484G      | 94.48             | Inf               | -Inf           | 35.20          | 3           | Vertical   | 211            | 2.94          | -        |
| 2447MHz | Pass   | AV   | 2.483502G    | 51.45             | 54.00             | -2.55          | 35.36          | 3           | Vertical   | 211            | 2.94          | -        |
| 2447MHz | Pass   | PK   | 2.4486G      | 102.09            | Inf               | -Inf           | 35.20          | 3           | Vertical   | 211            | 2.94          | -        |
| 2447MHz | Pass   | PK   | 2.487G       | 62.01             | 74.00             | -11.99         | 35.38          | 3           | Vertical   | 211            | 2.94          | -        |
| 2452MHz | Pass   | AV   | 2.4528G      | 101.86            | Inf               | -Inf           | 35.22          | 3           | Horizontal | 234            | 1.00          | -        |
| 2452MHz | Pass   | AV   | 2.483502G    | 53.72             | 54.00             | -0.28          | 35.36          | 3           | Horizontal | 234            | 1.00          | -        |
| 2452MHz | Pass   | PK   | 2.4528G      | 110.21            | Inf               | -Inf           | 35.22          | 3           | Horizontal | 234            | 1.00          | -        |
| 2452MHz | Pass   | PK   | 2.4868G      | 67.88             | 74.00             | -6.12          | 35.37          | 3           | Horizontal | 234            | 1.00          | -        |
| 2452MHz | Pass   | AV   | 2.4536G      | 93.02             | Inf               | -Inf           | 35.22          | 3           | Vertical   | 214            | 2.95          | -        |



## RSE TX above 1GHz Result

## Appendix F.2

| Mode                        | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|-----------------------------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| 2452MHz                     | Pass   | AV   | 2.4836G      | 51.38             | 54.00             | -2.62          | 35.36          | 3           | Vertical   | 214            | 2.95          | -        |
| 2452MHz                     | Pass   | PK   | 2.4534G      | 101.10            | Inf               | -Inf           | 35.22          | 3           | Vertical   | 214            | 2.95          | -        |
| 2452MHz                     | Pass   | PK   | 2.487G       | 62.64             | 74.00             | -11.36         | 35.38          | 3           | Vertical   | 214            | 2.95          | -        |
| 2457MHz                     | Pass   | AV   | 2.4578G      | 100.24            | Inf               | -Inf           | 35.24          | 3           | Horizontal | 238            | 1.00          | -        |
| 2457MHz                     | Pass   | AV   | 2.483502G    | 53.62             | 54.00             | -0.38          | 35.36          | 3           | Horizontal | 238            | 1.00          | -        |
| 2457MHz                     | Pass   | PK   | 2.458G       | 107.40            | Inf               | -Inf           | 35.24          | 3           | Horizontal | 238            | 1.00          | -        |
| 2457MHz                     | Pass   | PK   | 2.4866G      | 65.98             | 74.00             | -8.02          | 35.37          | 3           | Horizontal | 238            | 1.00          | -        |
| 2457MHz                     | Pass   | AV   | 2.4584G      | 90.02             | Inf               | -Inf           | 35.24          | 3           | Vertical   | 213            | 3.20          | -        |
| 2457MHz                     | Pass   | AV   | 2.4836G      | 52.09             | 54.00             | -1.91          | 35.36          | 3           | Vertical   | 213            | 3.20          | -        |
| 2457MHz                     | Pass   | PK   | 2.4632G      | 98.44             | Inf               | -Inf           | 35.27          | 3           | Vertical   | 213            | 3.20          | -        |
| 2457MHz                     | Pass   | PK   | 2.4838G      | 63.89             | 74.00             | -10.11         | 35.36          | 3           | Vertical   | 213            | 3.20          | -        |
| 2462MHz                     | Pass   | AV   | 2.4626G      | 100.02            | Inf               | -Inf           | 30.82          | 3           | Horizontal | 241            | 1.19          | -        |
| 2462MHz                     | Pass   | AV   | 2.483502G    | 53.80             | 54.00             | -0.20          | 30.89          | 3           | Horizontal | 241            | 1.19          | -        |
| 2462MHz                     | Pass   | PK   | 2.4624G      | 111.62            | Inf               | -Inf           | 30.81          | 3           | Horizontal | 241            | 1.19          | -        |
| 2462MHz                     | Pass   | PK   | 2.4836G      | 70.54             | 74.00             | -3.46          | 30.89          | 3           | Horizontal | 241            | 1.19          | -        |
| 2462MHz                     | Pass   | AV   | 2.4628G      | 91.10             | Inf               | -Inf           | 30.82          | 3           | Vertical   | 228            | 2.17          | -        |
| 2462MHz                     | Pass   | AV   | 2.483502G    | 47.78             | 54.00             | -6.22          | 30.89          | 3           | Vertical   | 228            | 2.17          | -        |
| 2462MHz                     | Pass   | PK   | 2.4628G      | 100.99            | Inf               | -Inf           | 30.82          | 3           | Vertical   | 228            | 2.17          | -        |
| 2462MHz                     | Pass   | PK   | 2.483502G    | 64.48             | 74.00             | -9.52          | 30.89          | 3           | Vertical   | 228            | 2.17          | -        |
| 2462MHz                     | Pass   | AV   | 4.9254G      | 34.95             | 54.00             | -19.05         | 6.21           | 3           | Horizontal | 302            | 1.00          | -        |
| 2462MHz                     | Pass   | PK   | 4.92091G     | 49.14             | 74.00             | -24.86         | 6.20           | 3           | Horizontal | 302            | 1.00          | -        |
| 2462MHz                     | Pass   | AV   | 4.92491G     | 33.07             | 54.00             | -20.93         | 6.21           | 3           | Vertical   | 166            | 2.25          | -        |
| 2462MHz                     | Pass   | PK   | 4.92636G     | 45.99             | 74.00             | -28.01         | 6.22           | 3           | Vertical   | 166            | 2.25          | -        |
| 802.11n HT20_Nss1(MCS0)_2TX | -      | -    | -            | -                 | -                 | -              | -              | -           | -          | -              | -             | -        |
| 2412MHz                     | Pass   | AV   | 2.389998G    | 53.76             | 54.00             | -0.24          | 30.55          | 3           | Horizontal | 254            | 1.20          | -        |
| 2412MHz                     | Pass   | AV   | 2.4126G      | 98.20             | Inf               | -Inf           | 30.64          | 3           | Horizontal | 254            | 1.20          | -        |
| 2412MHz                     | Pass   | PK   | 2.389998G    | 69.93             | 74.00             | -4.07          | 30.55          | 3           | Horizontal | 254            | 1.20          | -        |
| 2412MHz                     | Pass   | PK   | 2.4126G      | 108.74            | Inf               | -Inf           | 30.64          | 3           | Horizontal | 254            | 1.20          | -        |
| 2412MHz                     | Pass   | AV   | 2.389998G    | 47.95             | 54.00             | -6.05          | 30.55          | 3           | Vertical   | 9              | 1.70          | -        |
| 2412MHz                     | Pass   | AV   | 2.413G       | 90.49             | Inf               | -Inf           | 30.64          | 3           | Vertical   | 9              | 1.70          | -        |
| 2412MHz                     | Pass   | PK   | 2.389998G    | 61.68             | 74.00             | -12.32         | 30.55          | 3           | Vertical   | 9              | 1.70          | -        |
| 2412MHz                     | Pass   | PK   | 2.4126G      | 100.70            | Inf               | -Inf           | 30.64          | 3           | Vertical   | 9              | 1.70          | -        |
| 2412MHz                     | Pass   | AV   | 4.831226G    | 32.58             | 54.00             | -21.42         | 5.98           | 3           | Horizontal | 274            | 1.57          | -        |
| 2412MHz                     | Pass   | PK   | 4.831226G    | 42.53             | 74.00             | -31.47         | 5.98           | 3           | Horizontal | 274            | 1.57          | -        |
| 2412MHz                     | Pass   | AV   | 4.823082G    | 32.19             | 54.00             | -21.81         | 5.96           | 3           | Vertical   | 135            | 2.35          | -        |
| 2412MHz                     | Pass   | PK   | 4.823082G    | 42.83             | 74.00             | -31.17         | 5.96           | 3           | Vertical   | 135            | 2.35          | -        |
| 2417MHz                     | Pass   | AV   | 2.3898G      | 53.50             | 54.00             | -0.50          | 34.92          | 3           | Horizontal | 236            | 1.00          | -        |
| 2417MHz                     | Pass   | AV   | 2.4176G      | 100.15            | Inf               | -Inf           | 35.05          | 3           | Horizontal | 236            | 1.00          | -        |
| 2417MHz                     | Pass   | PK   | 2.389998G    | 66.34             | 74.00             | -7.66          | 34.92          | 3           | Horizontal | 236            | 1.00          | -        |
| 2417MHz                     | Pass   | PK   | 2.4228G      | 107.98            | Inf               | -Inf           | 35.08          | 3           | Horizontal | 236            | 1.00          | -        |
| 2417MHz                     | Pass   | AV   | 2.389998G    | 50.22             | 54.00             | -3.78          | 34.92          | 3           | Vertical   | 350            | 1.01          | -        |
| 2417MHz                     | Pass   | AV   | 2.416G       | 88.57             | Inf               | -Inf           | 35.05          | 3           | Vertical   | 350            | 1.01          | -        |
| 2417MHz                     | Pass   | PK   | 2.376G       | 60.64             | 74.00             | -13.36         | 34.85          | 3           | Vertical   | 350            | 1.01          | -        |
| 2417MHz                     | Pass   | PK   | 2.418G       | 96.56             | Inf               | -Inf           | 35.05          | 3           | Vertical   | 350            | 1.01          | -        |
| 2422MHz                     | Pass   | AV   | 2.3898G      | 53.87             | 54.00             | -0.13          | 34.92          | 3           | Horizontal | 251            | 1.01          | -        |
| 2422MHz                     | Pass   | AV   | 2.4226G      | 101.54            | Inf               | -Inf           | 35.08          | 3           | Horizontal | 251            | 1.01          | -        |
| 2422MHz                     | Pass   | PK   | 2.389998G    | 70.21             | 74.00             | -3.79          | 34.92          | 3           | Horizontal | 251            | 1.01          | -        |
| 2422MHz                     | Pass   | PK   | 2.4226G      | 109.46            | Inf               | -Inf           | 35.08          | 3           | Horizontal | 251            | 1.01          | -        |
| 2422MHz                     | Pass   | AV   | 2.3888G      | 50.19             | 54.00             | -3.81          | 34.92          | 3           | Vertical   | 8              | 1.02          | -        |

| Mode    | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|---------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| 2422MHz | Pass   | AV   | 2.4208G      | 90.34             | Inf               | -Inf           | 35.07          | 3           | Vertical   | 8              | 1.02          | -        |
| 2422MHz | Pass   | PK   | 2.3882G      | 60.71             | 74.00             | -13.29         | 34.92          | 3           | Vertical   | 8              | 1.02          | -        |
| 2422MHz | Pass   | PK   | 2.4212G      | 98.83             | Inf               | -Inf           | 35.07          | 3           | Vertical   | 8              | 1.02          | -        |
| 2427MHz | Pass   | AV   | 2.389998G    | 53.39             | 54.00             | -0.61          | 34.92          | 3           | Horizontal | 251            | 1.01          | -        |
| 2427MHz | Pass   | AV   | 2.4276G      | 102.70            | Inf               | -Inf           | 35.10          | 3           | Horizontal | 251            | 1.01          | -        |
| 2427MHz | Pass   | PK   | 2.3898G      | 69.16             | 74.00             | -4.84          | 34.92          | 3           | Horizontal | 251            | 1.01          | -        |
| 2427MHz | Pass   | PK   | 2.4276G      | 110.72            | Inf               | -Inf           | 35.10          | 3           | Horizontal | 251            | 1.01          | -        |
| 2427MHz | Pass   | AV   | 2.389998G    | 50.34             | 54.00             | -3.66          | 34.92          | 3           | Vertical   | 7              | 1.04          | -        |
| 2427MHz | Pass   | AV   | 2.426G       | 92.51             | Inf               | -Inf           | 35.09          | 3           | Vertical   | 7              | 1.04          | -        |
| 2427MHz | Pass   | PK   | 2.3874G      | 60.80             | 74.00             | -13.20         | 34.91          | 3           | Vertical   | 7              | 1.04          | -        |
| 2427MHz | Pass   | PK   | 2.4262G      | 100.29            | Inf               | -Inf           | 35.09          | 3           | Vertical   | 7              | 1.04          | -        |
| 2432MHz | Pass   | AV   | 2.389998G    | 53.87             | 54.00             | -0.13          | 34.92          | 3           | Horizontal | 252            | 1.01          | -        |
| 2432MHz | Pass   | AV   | 2.4328G      | 103.44            | Inf               | -Inf           | 35.12          | 3           | Horizontal | 252            | 1.01          | -        |
| 2432MHz | Pass   | AV   | 2.4844G      | 51.94             | 54.00             | -2.06          | 35.37          | 3           | Horizontal | 252            | 1.01          | -        |
| 2432MHz | Pass   | PK   | 2.388G       | 67.02             | 74.00             | -6.98          | 34.92          | 3           | Horizontal | 252            | 1.01          | -        |
| 2432MHz | Pass   | PK   | 2.43G        | 111.65            | Inf               | -Inf           | 35.11          | 3           | Horizontal | 252            | 1.01          | -        |
| 2432MHz | Pass   | PK   | 2.4848G      | 63.99             | 74.00             | -10.01         | 35.37          | 3           | Horizontal | 252            | 1.01          | -        |
| 2432MHz | Pass   | AV   | 2.389998G    | 50.68             | 54.00             | -3.32          | 34.92          | 3           | Vertical   | 10             | 1.02          | -        |
| 2432MHz | Pass   | AV   | 2.4312G      | 95.24             | Inf               | -Inf           | 35.12          | 3           | Vertical   | 10             | 1.02          | -        |
| 2432MHz | Pass   | AV   | 2.483502G    | 51.14             | 54.00             | -2.86          | 35.36          | 3           | Vertical   | 10             | 1.02          | -        |
| 2432MHz | Pass   | PK   | 2.3704G      | 61.35             | 74.00             | -12.65         | 34.83          | 3           | Vertical   | 10             | 1.02          | -        |
| 2432MHz | Pass   | PK   | 2.4332G      | 102.88            | Inf               | -Inf           | 35.13          | 3           | Vertical   | 10             | 1.02          | -        |
| 2432MHz | Pass   | PK   | 2.4856G      | 61.97             | 74.00             | -12.03         | 35.37          | 3           | Vertical   | 10             | 1.02          | -        |
| 2437MHz | Pass   | AV   | 2.3898G      | 52.61             | 54.00             | -1.39          | 30.55          | 3           | Horizontal | 248            | 1.02          | -        |
| 2437MHz | Pass   | AV   | 2.4374G      | 105.96            | Inf               | -Inf           | 30.72          | 3           | Horizontal | 248            | 1.02          | -        |
| 2437MHz | Pass   | AV   | 2.4846G      | 53.61             | 54.00             | -0.39          | 30.89          | 3           | Horizontal | 248            | 1.02          | -        |
| 2437MHz | Pass   | PK   | 2.3898G      | 69.80             | 74.00             | -4.20          | 30.55          | 3           | Horizontal | 248            | 1.02          | -        |
| 2437MHz | Pass   | PK   | 2.4378G      | 116.11            | Inf               | -Inf           | 30.73          | 3           | Horizontal | 248            | 1.02          | -        |
| 2437MHz | Pass   | PK   | 2.485G       | 68.74             | 74.00             | -5.26          | 30.89          | 3           | Horizontal | 248            | 1.02          | -        |
| 2437MHz | Pass   | AV   | 2.3898G      | 46.36             | 54.00             | -7.64          | 30.55          | 3           | Vertical   | 11             | 1.09          | -        |
| 2437MHz | Pass   | AV   | 2.4362G      | 96.36             | Inf               | -Inf           | 30.72          | 3           | Vertical   | 11             | 1.09          | -        |
| 2437MHz | Pass   | AV   | 2.4862G      | 47.33             | 54.00             | -6.67          | 30.90          | 3           | Vertical   | 11             | 1.09          | -        |
| 2437MHz | Pass   | PK   | 2.389G       | 59.95             | 74.00             | -14.05         | 30.55          | 3           | Vertical   | 11             | 1.09          | -        |
| 2437MHz | Pass   | PK   | 2.4362G      | 106.99            | Inf               | -Inf           | 30.72          | 3           | Vertical   | 11             | 1.09          | -        |
| 2437MHz | Pass   | PK   | 2.4886G      | 61.45             | 74.00             | -12.55         | 30.91          | 3           | Vertical   | 11             | 1.09          | -        |
| 2437MHz | Pass   | AV   | 4.8741G      | 43.71             | 54.00             | -10.29         | 6.09           | 3           | Horizontal | 300            | 1.02          | -        |
| 2437MHz | Pass   | PK   | 4.8741G      | 56.35             | 74.00             | -17.65         | 6.09           | 3           | Horizontal | 300            | 1.02          | -        |
| 2437MHz | Pass   | AV   | 4.8741G      | 44.83             | 54.00             | -9.17          | 6.09           | 3           | Vertical   | 165            | 1.13          | -        |
| 2437MHz | Pass   | PK   | 4.8741G      | 58.08             | 74.00             | -15.92         | 6.09           | 3           | Vertical   | 165            | 1.13          | -        |
| 2442MHz | Pass   | AV   | 2.389998G    | 50.79             | 54.00             | -3.21          | 34.92          | 3           | Horizontal | 242            | 1.00          | -        |
| 2442MHz | Pass   | AV   | 2.4428G      | 103.73            | Inf               | -Inf           | 35.17          | 3           | Horizontal | 242            | 1.00          | -        |
| 2442MHz | Pass   | AV   | 2.4844G      | 53.54             | 54.00             | -0.46          | 35.37          | 3           | Horizontal | 242            | 1.00          | -        |
| 2442MHz | Pass   | PK   | 2.3896G      | 61.66             | 74.00             | -12.34         | 34.92          | 3           | Horizontal | 242            | 1.00          | -        |
| 2442MHz | Pass   | PK   | 2.4476G      | 110.67            | Inf               | -Inf           | 35.19          | 3           | Horizontal | 242            | 1.00          | -        |
| 2442MHz | Pass   | PK   | 2.4852G      | 64.22             | 74.00             | -9.78          | 35.37          | 3           | Horizontal | 242            | 1.00          | -        |
| 2442MHz | Pass   | AV   | 2.388G       | 49.99             | 54.00             | -4.01          | 34.92          | 3           | Vertical   | 52             | 1.01          | -        |
| 2442MHz | Pass   | AV   | 2.4432G      | 93.79             | Inf               | -Inf           | 35.17          | 3           | Vertical   | 52             | 1.01          | -        |
| 2442MHz | Pass   | AV   | 2.4856G      | 51.12             | 54.00             | -2.88          | 35.37          | 3           | Vertical   | 52             | 1.01          | -        |
| 2442MHz | Pass   | PK   | 2.3448G      | 60.88             | 74.00             | -13.12         | 34.72          | 3           | Vertical   | 52             | 1.01          | -        |



## RSE TX above 1GHz Result

## Appendix F.2

| Mode                         | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|------------------------------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| 2442MHz                      | Pass   | PK   | 2.4408G      | 101.60            | Inf               | -Inf           | 35.16          | 3           | Vertical   | 52             | 1.01          | -        |
| 2442MHz                      | Pass   | PK   | 2.483502G    | 62.42             | 74.00             | -11.58         | 35.36          | 3           | Vertical   | 52             | 1.01          | -        |
| 2447MHz                      | Pass   | AV   | 2.4476G      | 102.76            | Inf               | -Inf           | 35.19          | 3           | Horizontal | 243            | 1.00          | -        |
| 2447MHz                      | Pass   | AV   | 2.4844G      | 53.66             | 54.00             | -0.34          | 35.37          | 3           | Horizontal | 243            | 1.00          | -        |
| 2447MHz                      | Pass   | PK   | 2.4478G      | 109.86            | Inf               | -Inf           | 35.19          | 3           | Horizontal | 243            | 1.00          | -        |
| 2447MHz                      | Pass   | PK   | 2.4844G      | 66.21             | 74.00             | -7.79          | 35.37          | 3           | Horizontal | 243            | 1.00          | -        |
| 2447MHz                      | Pass   | AV   | 2.4462G      | 94.09             | Inf               | -Inf           | 35.19          | 3           | Vertical   | 328            | 1.02          | -        |
| 2447MHz                      | Pass   | AV   | 2.483502G    | 51.33             | 54.00             | -2.67          | 35.36          | 3           | Vertical   | 328            | 1.02          | -        |
| 2447MHz                      | Pass   | PK   | 2.4464G      | 101.50            | Inf               | -Inf           | 35.19          | 3           | Vertical   | 328            | 1.02          | -        |
| 2447MHz                      | Pass   | PK   | 2.484G       | 62.07             | 74.00             | -11.93         | 35.37          | 3           | Vertical   | 328            | 1.02          | -        |
| 2452MHz                      | Pass   | AV   | 2.4526G      | 100.92            | Inf               | -Inf           | 35.22          | 3           | Horizontal | 244            | 1.00          | -        |
| 2452MHz                      | Pass   | AV   | 2.4846G      | 53.63             | 54.00             | -0.37          | 35.37          | 3           | Horizontal | 244            | 1.00          | -        |
| 2452MHz                      | Pass   | PK   | 2.4526G      | 109.01            | Inf               | -Inf           | 35.22          | 3           | Horizontal | 244            | 1.00          | -        |
| 2452MHz                      | Pass   | PK   | 2.4868G      | 65.45             | 74.00             | -8.55          | 35.37          | 3           | Horizontal | 244            | 1.00          | -        |
| 2452MHz                      | Pass   | AV   | 2.4512G      | 92.94             | Inf               | -Inf           | 35.21          | 3           | Vertical   | 327            | 1.07          | -        |
| 2452MHz                      | Pass   | AV   | 2.483502G    | 51.23             | 54.00             | -2.77          | 35.36          | 3           | Vertical   | 327            | 1.07          | -        |
| 2452MHz                      | Pass   | PK   | 2.451G       | 100.03            | Inf               | -Inf           | 35.21          | 3           | Vertical   | 327            | 1.07          | -        |
| 2452MHz                      | Pass   | PK   | 2.4842G      | 62.02             | 74.00             | -11.98         | 35.37          | 3           | Vertical   | 327            | 1.07          | -        |
| 2457MHz                      | Pass   | AV   | 2.4576G      | 99.77             | Inf               | -Inf           | 35.24          | 3           | Horizontal | 247            | 1.00          | -        |
| 2457MHz                      | Pass   | AV   | 2.4842G      | 53.86             | 54.00             | -0.14          | 35.37          | 3           | Horizontal | 247            | 1.00          | -        |
| 2457MHz                      | Pass   | PK   | 2.4624G      | 106.73            | Inf               | -Inf           | 35.26          | 3           | Horizontal | 247            | 1.00          | -        |
| 2457MHz                      | Pass   | PK   | 2.4852G      | 64.78             | 74.00             | -9.22          | 35.37          | 3           | Horizontal | 247            | 1.00          | -        |
| 2457MHz                      | Pass   | AV   | 2.4562G      | 90.61             | Inf               | -Inf           | 35.23          | 3           | Vertical   | 332            | 1.02          | -        |
| 2457MHz                      | Pass   | AV   | 2.483502G    | 51.25             | 54.00             | -2.75          | 35.36          | 3           | Vertical   | 332            | 1.02          | -        |
| 2457MHz                      | Pass   | PK   | 2.4562G      | 98.10             | Inf               | -Inf           | 35.23          | 3           | Vertical   | 332            | 1.02          | -        |
| 2457MHz                      | Pass   | PK   | 2.4874G      | 61.76             | 74.00             | -12.24         | 35.38          | 3           | Vertical   | 332            | 1.02          | -        |
| 2462MHz                      | Pass   | AV   | 2.4626G      | 97.81             | Inf               | -Inf           | 30.82          | 3           | Horizontal | 242            | 1.22          | -        |
| 2462MHz                      | Pass   | AV   | 2.4842G      | 53.72             | 54.00             | -0.28          | 30.89          | 3           | Horizontal | 242            | 1.22          | -        |
| 2462MHz                      | Pass   | PK   | 2.4626G      | 108.63            | Inf               | -Inf           | 30.82          | 3           | Horizontal | 242            | 1.22          | -        |
| 2462MHz                      | Pass   | PK   | 2.4846G      | 68.91             | 74.00             | -5.09          | 30.89          | 3           | Horizontal | 242            | 1.22          | -        |
| 2462MHz                      | Pass   | AV   | 2.4626G      | 89.52             | Inf               | -Inf           | 30.82          | 3           | Vertical   | 227            | 2.61          | -        |
| 2462MHz                      | Pass   | AV   | 2.485G       | 47.51             | 54.00             | -6.49          | 30.89          | 3           | Vertical   | 227            | 2.61          | -        |
| 2462MHz                      | Pass   | PK   | 2.4602G      | 99.37             | Inf               | -Inf           | 30.81          | 3           | Vertical   | 227            | 2.61          | -        |
| 2462MHz                      | Pass   | PK   | 2.4842G      | 61.71             | 74.00             | -12.29         | 30.89          | 3           | Vertical   | 227            | 2.61          | -        |
| 2462MHz                      | Pass   | AV   | 4.920367G    | 33.60             | 54.00             | -20.40         | 6.20           | 3           | Horizontal | 256            | 1.39          | -        |
| 2462MHz                      | Pass   | PK   | 4.920367G    | 47.01             | 74.00             | -26.99         | 6.20           | 3           | Horizontal | 256            | 1.39          | -        |
| 2462MHz                      | Pass   | AV   | 4.92407G     | 32.21             | 54.00             | -21.79         | 6.25           | 3           | Vertical   | 31             | 2.11          | -        |
| 2462MHz                      | Pass   | PK   | 4.929G       | 43.57             | 74.00             | -30.43         | 6.22           | 3           | Vertical   | 31             | 2.11          | -        |
| 802.11n HT40_Nss1,(MCS0)_2TX | -      | -    | -            | -                 | -                 | -              | -              | -           | -          | -              | -             | -        |
| 2422MHz                      | Pass   | AV   | 2.3872G      | 53.30             | 54.00             | -0.70          | 34.91          | 3           | Horizontal | 251            | 1.00          | -        |
| 2422MHz                      | Pass   | AV   | 2.42G        | 92.46             | Inf               | -Inf           | 35.06          | 3           | Horizontal | 251            | 1.00          | -        |
| 2422MHz                      | Pass   | AV   | 2.4872G      | 52.96             | 54.00             | -1.04          | 35.38          | 3           | Horizontal | 251            | 1.00          | -        |
| 2422MHz                      | Pass   | PK   | 2.3896G      | 63.26             | 74.00             | -10.74         | 34.92          | 3           | Horizontal | 251            | 1.00          | -        |
| 2422MHz                      | Pass   | PK   | 2.42G        | 98.91             | Inf               | -Inf           | 35.06          | 3           | Horizontal | 251            | 1.00          | -        |
| 2422MHz                      | Pass   | PK   | 2.4876G      | 62.00             | 74.00             | -12.00         | 35.39          | 3           | Horizontal | 251            | 1.00          | -        |
| 2422MHz                      | Pass   | AV   | 2.3872G      | 51.17             | 54.00             | -2.83          | 34.91          | 3           | Vertical   | 9              | 1.05          | -        |
| 2422MHz                      | Pass   | AV   | 2.4236G      | 81.10             | Inf               | -Inf           | 35.08          | 3           | Vertical   | 9              | 1.05          | -        |
| 2422MHz                      | Pass   | AV   | 2.4848G      | 52.08             | 54.00             | -1.92          | 35.37          | 3           | Vertical   | 9              | 1.05          | -        |
| 2422MHz                      | Pass   | PK   | 2.3876G      | 61.14             | 74.00             | -12.86         | 34.92          | 3           | Vertical   | 9              | 1.05          | -        |

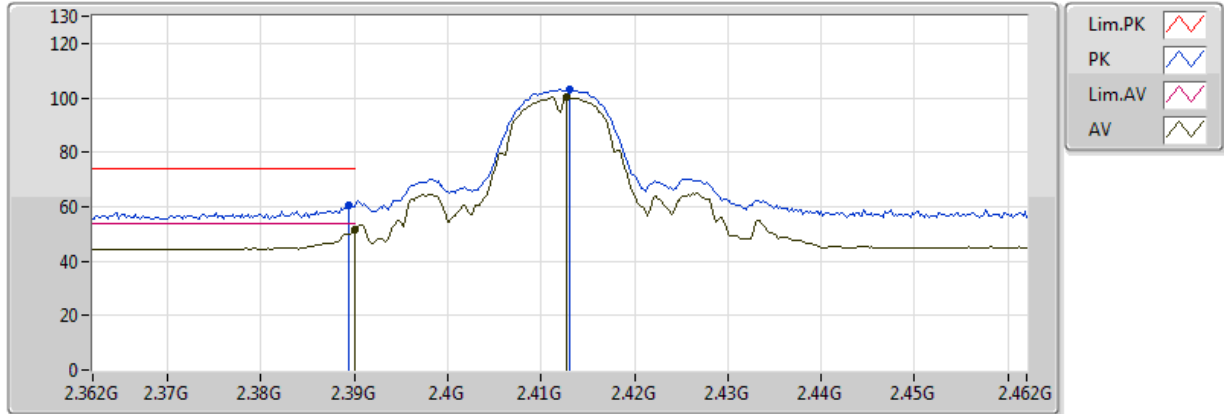
| Mode    | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|---------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| 2422MHz | Pass   | PK   | 2.4232G      | 88.25             | Inf               | -Inf           | 35.08          | 3           | Vertical   | 9              | 1.05          | -        |
| 2422MHz | Pass   | PK   | 2.4892G      | 61.82             | 74.00             | -12.18         | 35.39          | 3           | Vertical   | 9              | 1.05          | -        |
| 2422MHz | Pass   | AV   | 4.83416G     | 37.01             | 54.00             | -16.99         | 6.34           | 3           | Vertical   | 136            | 2.34          | -        |
| 2422MHz | Pass   | AV   | 4.8458G      | 38.28             | 54.00             | -15.72         | 6.37           | 3           | Vertical   | 211            | 1.50          | -        |
| 2422MHz | Pass   | PK   | 4.8366G      | 44.93             | 74.00             | -29.07         | 6.35           | 3           | Vertical   | 136            | 2.34          | -        |
| 2422MHz | Pass   | PK   | 4.8414G      | 47.47             | 74.00             | -26.53         | 6.36           | 3           | Vertical   | 211            | 1.50          | -        |
| 2427MHz | Pass   | AV   | 2.3898G      | 53.31             | 54.00             | -0.69          | 34.92          | 3           | Horizontal | 251            | 1.00          | -        |
| 2427MHz | Pass   | AV   | 2.425G       | 92.61             | Inf               | -Inf           | 35.09          | 3           | Horizontal | 251            | 1.00          | -        |
| 2427MHz | Pass   | AV   | 2.4982G      | 51.94             | 54.00             | -2.06          | 35.43          | 3           | Horizontal | 251            | 1.00          | -        |
| 2427MHz | Pass   | PK   | 2.3898G      | 62.70             | 74.00             | -11.30         | 34.92          | 3           | Horizontal | 251            | 1.00          | -        |
| 2427MHz | Pass   | PK   | 2.425G       | 99.70             | Inf               | -Inf           | 35.09          | 3           | Horizontal | 251            | 1.00          | -        |
| 2427MHz | Pass   | PK   | 2.4882G      | 61.18             | 74.00             | -12.82         | 35.39          | 3           | Horizontal | 251            | 1.00          | -        |
| 2427MHz | Pass   | AV   | 2.3778G      | 51.24             | 54.00             | -2.76          | 34.87          | 3           | Vertical   | 10             | 1.01          | -        |
| 2427MHz | Pass   | AV   | 2.4258G      | 82.07             | Inf               | -Inf           | 35.09          | 3           | Vertical   | 10             | 1.01          | -        |
| 2427MHz | Pass   | AV   | 2.4982G      | 52.00             | 54.00             | -2.00          | 35.43          | 3           | Vertical   | 10             | 1.01          | -        |
| 2427MHz | Pass   | PK   | 2.3362G      | 61.06             | 74.00             | -12.94         | 34.67          | 3           | Vertical   | 10             | 1.01          | -        |
| 2427MHz | Pass   | PK   | 2.4282G      | 89.02             | Inf               | -Inf           | 35.10          | 3           | Vertical   | 10             | 1.01          | -        |
| 2427MHz | Pass   | PK   | 2.4842G      | 61.96             | 74.00             | -12.04         | 35.37          | 3           | Vertical   | 10             | 1.01          | -        |
| 2432MHz | Pass   | AV   | 2.389998G    | 53.46             | 54.00             | -0.54          | 34.92          | 3           | Horizontal | 247            | 1.01          | -        |
| 2432MHz | Pass   | AV   | 2.43G        | 93.11             | Inf               | -Inf           | 35.11          | 3           | Horizontal | 247            | 1.01          | -        |
| 2432MHz | Pass   | AV   | 2.4848G      | 52.07             | 54.00             | -1.93          | 35.37          | 3           | Horizontal | 247            | 1.01          | -        |
| 2432MHz | Pass   | PK   | 2.389998G    | 64.87             | 74.00             | -9.13          | 34.92          | 3           | Horizontal | 247            | 1.01          | -        |
| 2432MHz | Pass   | PK   | 2.43G        | 99.86             | Inf               | -Inf           | 35.11          | 3           | Horizontal | 247            | 1.01          | -        |
| 2432MHz | Pass   | PK   | 2.4908G      | 61.94             | 74.00             | -12.06         | 35.39          | 3           | Horizontal | 247            | 1.01          | -        |
| 2432MHz | Pass   | AV   | 2.3876G      | 51.26             | 54.00             | -2.74          | 34.92          | 3           | Vertical   | 11             | 1.01          | -        |
| 2432MHz | Pass   | AV   | 2.4308G      | 84.16             | Inf               | -Inf           | 35.11          | 3           | Vertical   | 11             | 1.01          | -        |
| 2432MHz | Pass   | AV   | 2.4848G      | 51.99             | 54.00             | -2.01          | 35.37          | 3           | Vertical   | 11             | 1.01          | -        |
| 2432MHz | Pass   | PK   | 2.3484G      | 61.39             | 74.00             | -12.61         | 34.73          | 3           | Vertical   | 11             | 1.01          | -        |
| 2432MHz | Pass   | PK   | 2.4332G      | 91.08             | Inf               | -Inf           | 35.13          | 3           | Vertical   | 11             | 1.01          | -        |
| 2432MHz | Pass   | PK   | 2.4988G      | 61.97             | 74.00             | -12.03         | 35.44          | 3           | Vertical   | 11             | 1.01          | -        |
| 2437MHz | Pass   | AV   | 2.3898G      | 53.85             | 54.00             | -0.15          | 34.92          | 3           | Horizontal | 250            | 1.02          | -        |
| 2437MHz | Pass   | AV   | 2.4346G      | 94.81             | Inf               | -Inf           | 35.13          | 3           | Horizontal | 250            | 1.02          | -        |
| 2437MHz | Pass   | AV   | 2.4846G      | 53.60             | 54.00             | -0.40          | 35.37          | 3           | Horizontal | 250            | 1.02          | -        |
| 2437MHz | Pass   | PK   | 2.3878G      | 63.48             | 74.00             | -10.52         | 34.92          | 3           | Horizontal | 250            | 1.02          | -        |
| 2437MHz | Pass   | PK   | 2.4346G      | 101.92            | Inf               | -Inf           | 35.13          | 3           | Horizontal | 250            | 1.02          | -        |
| 2437MHz | Pass   | PK   | 2.4842G      | 63.67             | 74.00             | -10.33         | 35.37          | 3           | Horizontal | 250            | 1.02          | -        |
| 2437MHz | Pass   | AV   | 2.3862G      | 51.15             | 54.00             | -2.85          | 34.90          | 3           | Vertical   | 58             | 1.01          | -        |
| 2437MHz | Pass   | AV   | 2.4378G      | 81.99             | Inf               | -Inf           | 35.15          | 3           | Vertical   | 58             | 1.01          | -        |
| 2437MHz | Pass   | AV   | 2.4886G      | 52.11             | 54.00             | -1.89          | 35.39          | 3           | Vertical   | 58             | 1.01          | -        |
| 2437MHz | Pass   | PK   | 2.3686G      | 61.20             | 74.00             | -12.80         | 34.82          | 3           | Vertical   | 58             | 1.01          | -        |
| 2437MHz | Pass   | PK   | 2.4386G      | 89.51             | Inf               | -Inf           | 35.15          | 3           | Vertical   | 58             | 1.01          | -        |
| 2437MHz | Pass   | PK   | 2.4994G      | 61.78             | 74.00             | -12.22         | 35.44          | 3           | Vertical   | 58             | 1.01          | -        |
| 2437MHz | Pass   | AV   | 4.87984G     | 36.68             | 54.00             | -17.32         | 6.44           | 3           | Horizontal | 19             | 2.19          | -        |
| 2437MHz | Pass   | PK   | 4.86612G     | 45.55             | 74.00             | -28.45         | 6.41           | 3           | Horizontal | 19             | 2.19          | -        |
| 2437MHz | Pass   | AV   | 4.87312G     | 36.54             | 54.00             | -17.46         | 6.42           | 3           | Vertical   | 271            | 1.44          | -        |
| 2437MHz | Pass   | PK   | 4.8704G      | 44.58             | 74.00             | -29.42         | 6.42           | 3           | Vertical   | 271            | 1.44          | -        |
| 2442MHz | Pass   | AV   | 2.366G       | 51.22             | 54.00             | -2.78          | 34.81          | 3           | Horizontal | 246            | 1.15          | -        |
| 2442MHz | Pass   | AV   | 2.4448G      | 92.79             | Inf               | -Inf           | 35.18          | 3           | Horizontal | 246            | 1.15          | -        |
| 2442MHz | Pass   | AV   | 2.4844G      | 53.77             | 54.00             | -0.23          | 35.37          | 3           | Horizontal | 246            | 1.15          | -        |

| Mode    | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|---------|--------|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|
| 2442MHz | Pass   | PK   | 2.3868G      | 62.41             | 74.00             | -11.59         | 34.90          | 3           | Horizontal | 246            | 1.15          | -        |
| 2442MHz | Pass   | PK   | 2.44G        | 100.61            | Inf               | -Inf           | 35.16          | 3           | Horizontal | 246            | 1.15          | -        |
| 2442MHz | Pass   | PK   | 2.4844G      | 63.41             | 74.00             | -10.59         | 35.37          | 3           | Horizontal | 246            | 1.15          | -        |
| 2442MHz | Pass   | AV   | 2.3664G      | 51.10             | 54.00             | -2.90          | 34.82          | 3           | Vertical   | 57             | 1.00          | -        |
| 2442MHz | Pass   | AV   | 2.4432G      | 83.98             | Inf               | -Inf           | 35.17          | 3           | Vertical   | 57             | 1.00          | -        |
| 2442MHz | Pass   | AV   | 2.4944G      | 52.05             | 54.00             | -1.95          | 35.41          | 3           | Vertical   | 57             | 1.00          | -        |
| 2442MHz | Pass   | PK   | 2.3688G      | 61.08             | 74.00             | -12.92         | 34.82          | 3           | Vertical   | 57             | 1.00          | -        |
| 2442MHz | Pass   | PK   | 2.4408G      | 91.52             | Inf               | -Inf           | 35.16          | 3           | Vertical   | 57             | 1.00          | -        |
| 2442MHz | Pass   | PK   | 2.4988G      | 61.44             | 74.00             | -12.56         | 35.44          | 3           | Vertical   | 57             | 1.00          | -        |
| 2447MHz | Pass   | AV   | 2.3498G      | 51.06             | 54.00             | -2.94          | 34.73          | 3           | Horizontal | 248            | 1.09          | -        |
| 2447MHz | Pass   | AV   | 2.445G       | 92.24             | Inf               | -Inf           | 35.18          | 3           | Horizontal | 248            | 1.09          | -        |
| 2447MHz | Pass   | AV   | 2.4842G      | 53.84             | 54.00             | -0.16          | 35.37          | 3           | Horizontal | 248            | 1.09          | -        |
| 2447MHz | Pass   | PK   | 2.3646G      | 60.96             | 74.00             | -13.04         | 34.80          | 3           | Horizontal | 248            | 1.09          | -        |
| 2447MHz | Pass   | PK   | 2.445G       | 99.86             | Inf               | -Inf           | 35.18          | 3           | Horizontal | 248            | 1.09          | -        |
| 2447MHz | Pass   | PK   | 2.4842G      | 63.85             | 74.00             | -10.15         | 35.37          | 3           | Horizontal | 248            | 1.09          | -        |
| 2447MHz | Pass   | AV   | 2.3722G      | 51.03             | 54.00             | -2.97          | 34.84          | 3           | Vertical   | 224            | 2.99          | -        |
| 2447MHz | Pass   | AV   | 2.4454G      | 84.63             | Inf               | -Inf           | 35.18          | 3           | Vertical   | 224            | 2.99          | -        |
| 2447MHz | Pass   | AV   | 2.485G       | 51.97             | 54.00             | -2.03          | 35.37          | 3           | Vertical   | 224            | 2.99          | -        |
| 2447MHz | Pass   | PK   | 2.3674G      | 61.44             | 74.00             | -12.56         | 34.82          | 3           | Vertical   | 224            | 2.99          | -        |
| 2447MHz | Pass   | PK   | 2.4454G      | 91.82             | Inf               | -Inf           | 35.18          | 3           | Vertical   | 224            | 2.99          | -        |
| 2447MHz | Pass   | PK   | 2.483502G    | 62.58             | 74.00             | -11.42         | 35.36          | 3           | Vertical   | 224            | 2.99          | -        |
| 2452MHz | Pass   | AV   | 2.3876G      | 51.14             | 54.00             | -2.86          | 34.92          | 3           | Horizontal | 246            | 1.00          | -        |
| 2452MHz | Pass   | AV   | 2.45G        | 91.66             | Inf               | -Inf           | 35.20          | 3           | Horizontal | 246            | 1.00          | -        |
| 2452MHz | Pass   | AV   | 2.4844G      | 53.58             | 54.00             | -0.42          | 35.37          | 3           | Horizontal | 246            | 1.00          | -        |
| 2452MHz | Pass   | PK   | 2.378G       | 61.39             | 74.00             | -12.61         | 34.87          | 3           | Horizontal | 246            | 1.00          | -        |
| 2452MHz | Pass   | PK   | 2.45G        | 99.16             | Inf               | -Inf           | 35.20          | 3           | Horizontal | 246            | 1.00          | -        |
| 2452MHz | Pass   | PK   | 2.4872G      | 63.85             | 74.00             | -10.15         | 35.38          | 3           | Horizontal | 246            | 1.00          | -        |
| 2452MHz | Pass   | AV   | 2.3604G      | 51.05             | 54.00             | -2.95          | 34.78          | 3           | Vertical   | 223            | 2.94          | -        |
| 2452MHz | Pass   | AV   | 2.4504G      | 80.84             | Inf               | -Inf           | 35.21          | 3           | Vertical   | 223            | 2.94          | -        |
| 2452MHz | Pass   | AV   | 2.4848G      | 52.05             | 54.00             | -1.95          | 35.37          | 3           | Vertical   | 223            | 2.94          | -        |
| 2452MHz | Pass   | PK   | 2.354G       | 60.89             | 74.00             | -13.11         | 34.75          | 3           | Vertical   | 223            | 2.94          | -        |
| 2452MHz | Pass   | PK   | 2.4504G      | 87.65             | Inf               | -Inf           | 35.21          | 3           | Vertical   | 223            | 2.94          | -        |
| 2452MHz | Pass   | PK   | 2.4892G      | 61.72             | 74.00             | -12.28         | 35.39          | 3           | Vertical   | 223            | 2.94          | -        |
| 2452MHz | Pass   | AV   | 4.89816G     | 38.38             | 54.00             | -15.62         | 6.48           | 3           | Horizontal | 136            | 1.50          | -        |
| 2452MHz | Pass   | PK   | 4.89608G     | 47.69             | 74.00             | -26.31         | 6.47           | 3           | Horizontal | 136            | 1.50          | -        |
| 2452MHz | Pass   | AV   | 4.90398G     | 36.63             | 54.00             | -17.37         | 6.47           | 3           | Vertical   | 237            | 2.50          | -        |
| 2452MHz | Pass   | PK   | 4.90396G     | 46.60             | 74.00             | -27.40         | 6.49           | 3           | Vertical   | 237            | 2.50          | -        |

## 802.11b\_Nss1,(1Mbps)\_1TX(Port1)

## 2412MHz\_TX

11/03/2018

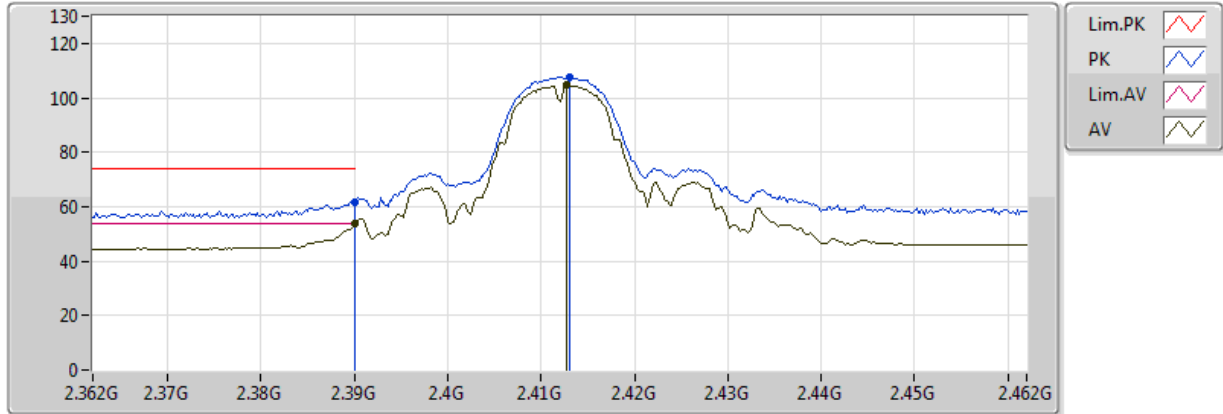


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.389998G    | 51.48             | 54.00             | -2.52          | 30.55          | 3           | Vertical  | 227            | 2.51          | -        | 20.93         | 27.31      | 3.24       | -          |
| AV   | 2.4128G      | 100.29            | Inf               | -Inf           | 30.64          | 3           | Vertical  | 227            | 2.51          | -        | 69.65         | 27.37      | 3.26       | -          |
| PK   | 2.3894G      | 60.58             | 74.00             | -13.42         | 30.55          | 3           | Vertical  | 227            | 2.51          | -        | 30.03         | 27.31      | 3.24       | -          |
| PK   | 2.413G       | 102.93            | Inf               | -Inf           | 30.64          | 3           | Vertical  | 227            | 2.51          | -        | 72.29         | 27.37      | 3.26       | -          |

## 802.11b\_Nss1,(1Mbps)\_1TX(Port1)

## 2412MHz\_TX

11/03/2018

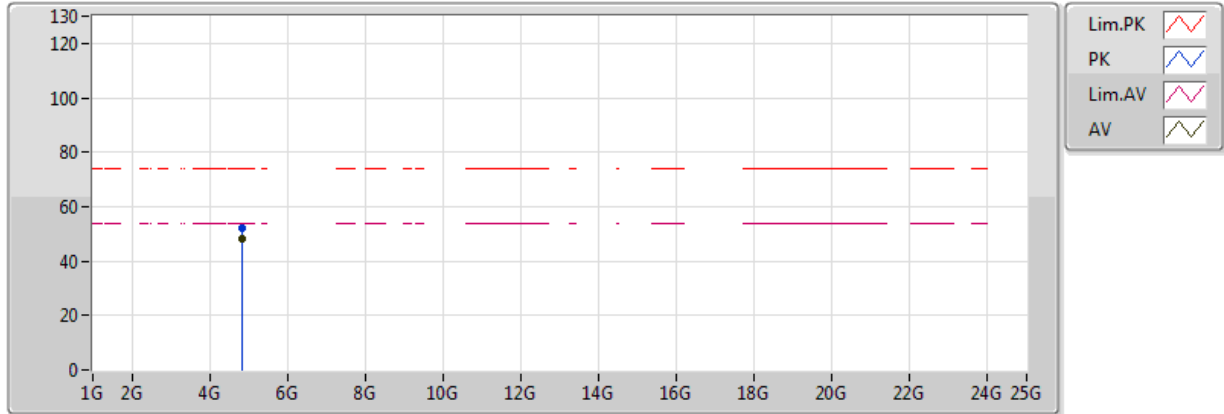


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.389998G    | 53.57             | 54.00             | -0.43          | 30.55          | 3           | Horizontal | 23             | 1.53          | -        | 23.02         | 27.31      | 3.24       | -          |
| AV   | 2.4128G      | 104.61            | Inf               | -Inf           | 30.64          | 3           | Horizontal | 23             | 1.53          | -        | 73.97         | 27.37      | 3.26       | -          |
| PK   | 2.389998G    | 61.81             | 74.00             | -12.19         | 30.55          | 3           | Horizontal | 23             | 1.53          | -        | 31.26         | 27.31      | 3.24       | -          |
| PK   | 2.413G       | 107.38            | Inf               | -Inf           | 30.64          | 3           | Horizontal | 23             | 1.53          | -        | 76.74         | 27.37      | 3.26       | -          |

## 802.11b\_Nss1,(1Mbps)\_1TX(Port1)

## 2412MHz\_TX

11/03/2018

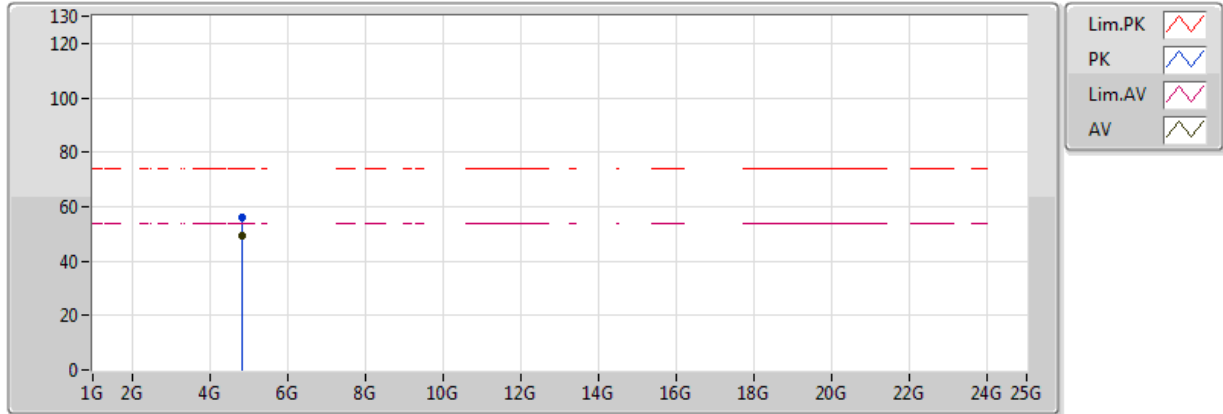


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 4.82391G     | 48.03             | 54.00             | -5.97          | 5.96           | 3           | Vertical  | 273            | 2.51          | -        | 42.07         | 31.28      | 4.52       | 29.85      |
| PK   | 4.82399G     | 52.27             | 74.00             | -21.73         | 5.96           | 3           | Vertical  | 273            | 2.51          | -        | 46.31         | 31.28      | 4.52       | 29.85      |

## 802.11b\_Nss1,(1Mbps)\_1TX(Port1)

### 2412MHz\_TX

11/03/2018

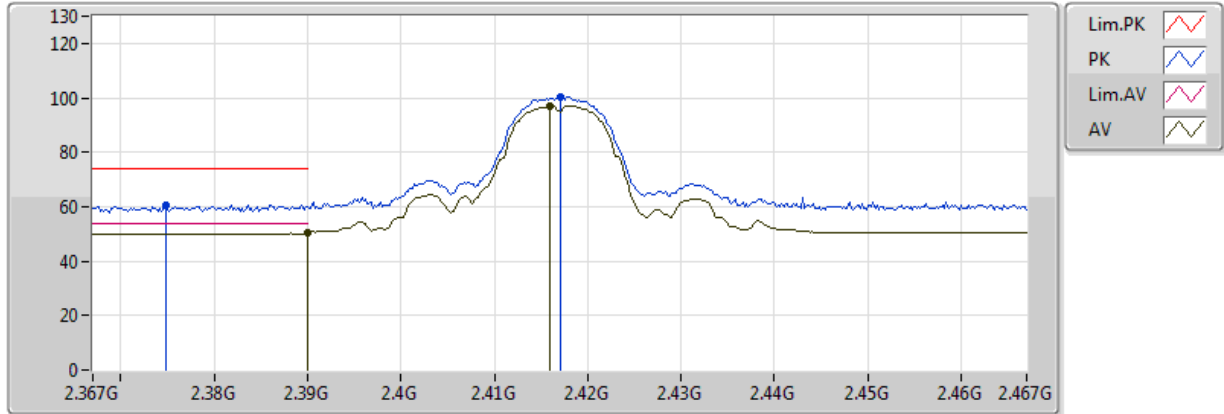


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 4.82394G     | 49.45             | 54.00             | -4.55          | 5.96           | 3           | Horizontal | 287            | 1.02          | -        | 43.49         | 31.28      | 4.52       | 29.85      |
| PK   | 4.824G       | 56.20             | 74.00             | -17.80         | 5.96           | 3           | Horizontal | 287            | 1.02          | -        | 50.24         | 31.28      | 4.52       | 29.85      |

## 802.11b\_Nss1,(1Mbps)\_1TX(Port1)

## 2417MHz\_TX

12/03/2018

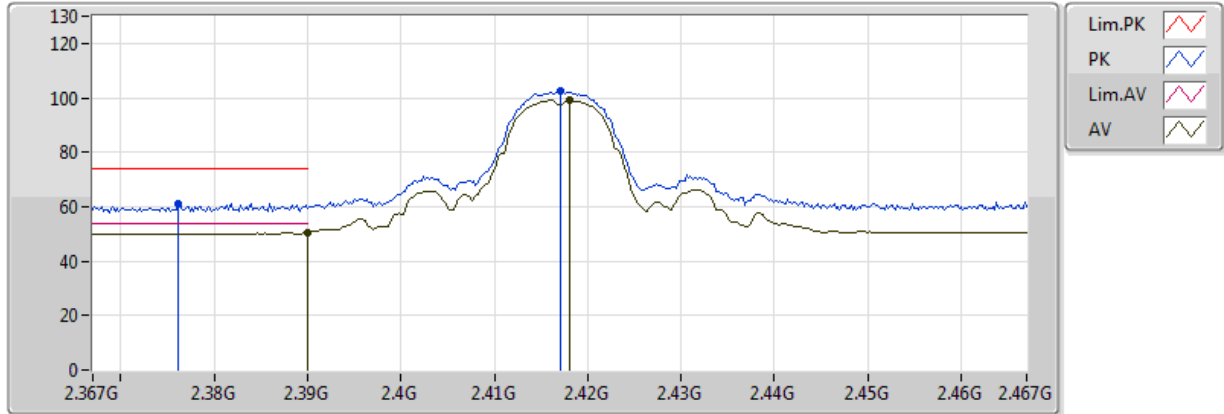


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.389998G    | 50.46             | 54.00             | -3.54          | 34.92          | 3           | Vertical  | 218            | 3.17          | -        | 15.54         | 26.99      | 7.93       | -          |
| AV   | 2.416G       | 97.03             | Inf               | -Inf           | 35.05          | 3           | Vertical  | 218            | 3.17          | -        | 61.98         | 27.06      | 7.98       | -          |
| PK   | 2.3748G      | 60.70             | 74.00             | -13.30         | 34.85          | 3           | Vertical  | 218            | 3.17          | -        | 25.85         | 26.95      | 7.90       | -          |
| PK   | 2.417G       | 100.41            | Inf               | -Inf           | 35.05          | 3           | Vertical  | 218            | 3.17          | -        | 65.36         | 27.07      | 7.98       | -          |

## 802.11b\_Nss1,(1Mbps)\_1TX(Port1)

## 2417MHz\_TX

12/03/2018

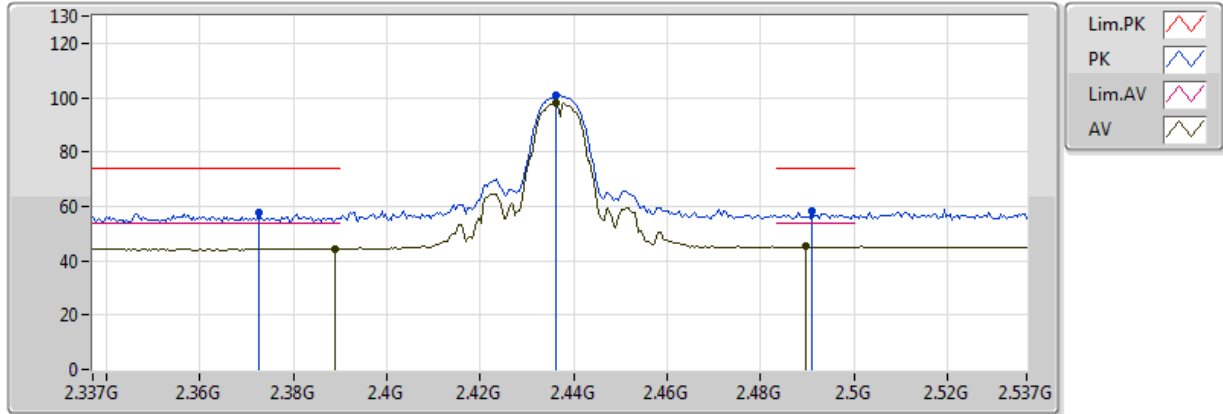


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.389998G    | 50.62             | 54.00             | -3.38          | 34.92          | 3           | Horizontal | 347            | 3.12          | -        | 15.70         | 26.99      | 7.93       | -          |
| AV   | 2.418G       | 99.09             | Inf               | -Inf           | 35.05          | 3           | Horizontal | 347            | 3.12          | -        | 64.04         | 27.07      | 7.98       | -          |
| PK   | 2.3762G      | 61.22             | 74.00             | -12.78         | 34.85          | 3           | Horizontal | 347            | 3.12          | -        | 26.37         | 26.95      | 7.90       | -          |
| PK   | 2.417G       | 102.49            | Inf               | -Inf           | 35.05          | 3           | Horizontal | 347            | 3.12          | -        | 67.44         | 27.07      | 7.98       | -          |

## 802.11b\_Nss1,(1Mbps)\_1TX(Port1)

## 2437MHz\_TX

11/03/2018

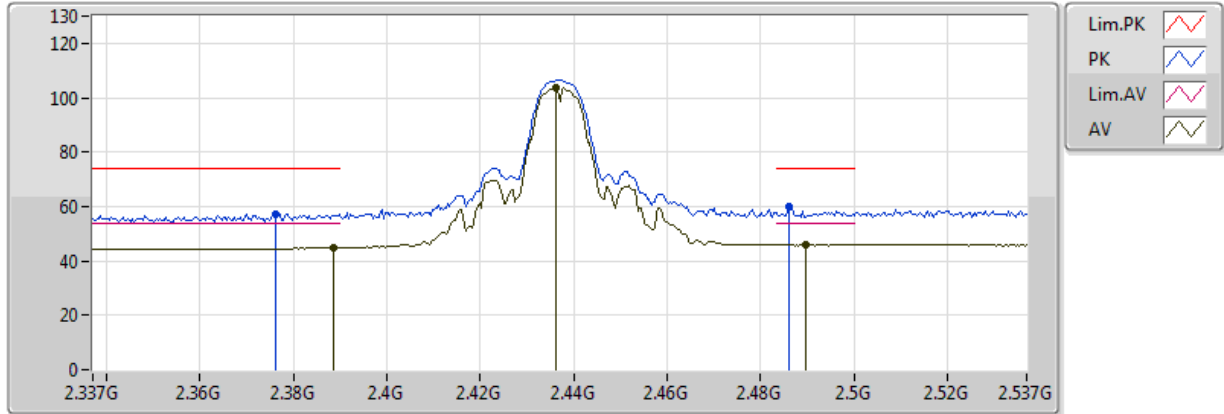


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.389G       | 44.36             | 54.00             | -9.64          | 30.55          | 3           | Vertical  | 230            | 2.45          | -        | 13.81         | 27.31      | 3.24       | -          |
| AV   | 2.4362G      | 97.96             | Inf               | -Inf           | 30.72          | 3           | Vertical  | 230            | 2.45          | -        | 67.24         | 27.43      | 3.29       | -          |
| AV   | 2.4898G      | 45.11             | 54.00             | -8.89          | 30.91          | 3           | Vertical  | 230            | 2.45          | -        | 14.20         | 27.57      | 3.34       | -          |
| PK   | 2.3726G      | 57.69             | 74.00             | -16.31         | 30.50          | 3           | Vertical  | 230            | 2.45          | -        | 27.19         | 27.27      | 3.23       | -          |
| PK   | 2.4362G      | 100.70            | Inf               | -Inf           | 30.72          | 3           | Vertical  | 230            | 2.45          | -        | 69.98         | 27.43      | 3.29       | -          |
| PK   | 2.491G       | 58.09             | 74.00             | -15.91         | 30.92          | 3           | Vertical  | 230            | 2.45          | -        | 27.17         | 27.58      | 3.34       | -          |

## 802.11b\_Nss1,(1Mbps)\_1TX(Port1)

## 2437MHz\_TX

11/03/2018

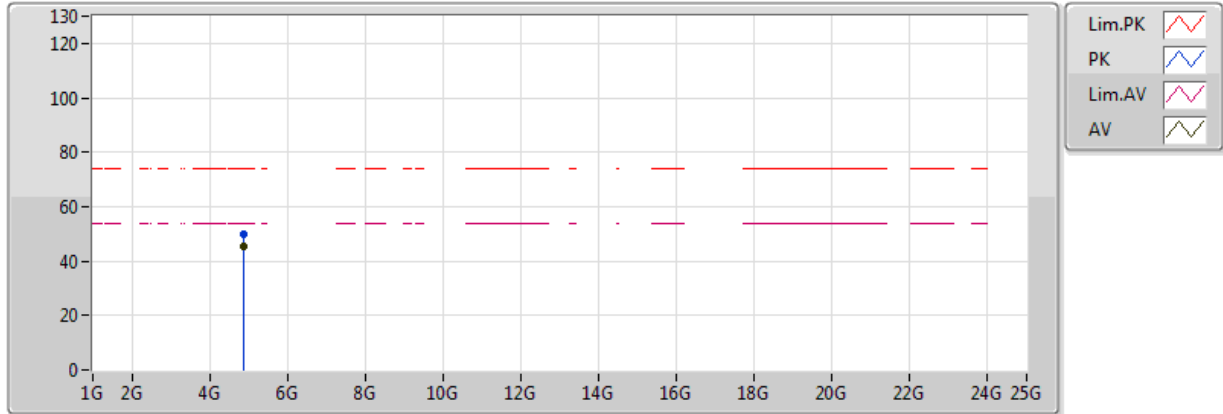


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.3886G      | 44.85             | 54.00             | -9.15          | 30.55          | 3           | Horizontal | 28             | 1.01          | -        | 14.30         | 27.31      | 3.24       | -          |
| AV   | 2.4362G      | 103.82            | Inf               | -Inf           | 30.72          | 3           | Horizontal | 28             | 1.01          | -        | 73.10         | 27.43      | 3.29       | -          |
| AV   | 2.4898G      | 45.97             | 54.00             | -8.03          | 30.91          | 3           | Horizontal | 28             | 1.01          | -        | 15.06         | 27.57      | 3.34       | -          |
| PK   | 2.3762G      | 57.42             | 74.00             | -16.58         | 30.51          | 3           | Horizontal | 28             | 1.01          | -        | 26.91         | 27.28      | 3.23       | -          |
| PK   | 2.4862G      | 60.07             | 74.00             | -13.93         | 30.90          | 3           | Horizontal | 28             | 1.01          | -        | 29.17         | 27.56      | 3.34       | -          |

## 802.11b\_Nss1,(1Mbps)\_1TX(Port1)

### 2437MHz\_TX

11/03/2018

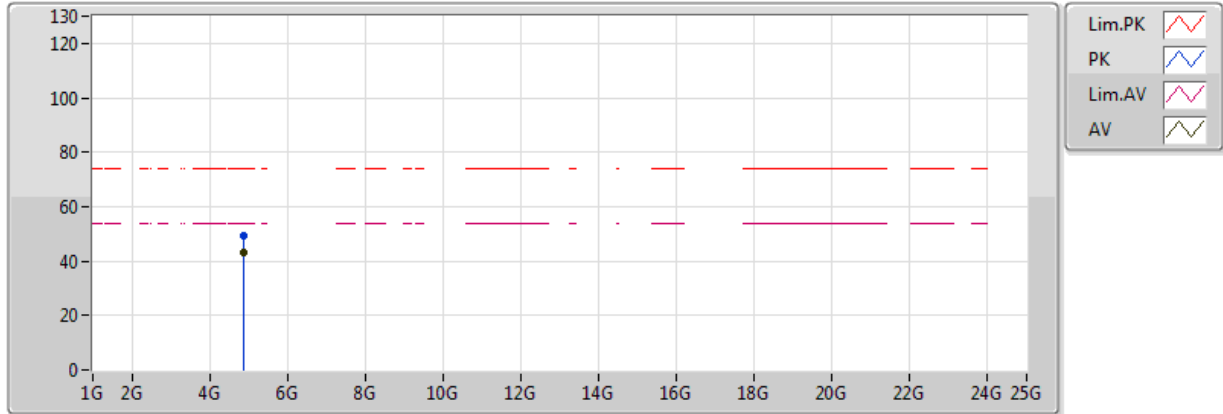


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 4.87396G     | 45.20             | 54.00             | -8.80          | 6.08           | 3           | Vertical  | 267            | 2.17          | -        | 39.12         | 31.37      | 4.55       | 29.84      |
| PK   | 4.87396G     | 49.83             | 74.00             | -24.17         | 6.08           | 3           | Vertical  | 267            | 2.17          | -        | 43.75         | 31.37      | 4.55       | 29.84      |

## 802.11b\_Nss1,(1Mbps)\_1TX(Port1)

### 2437MHz\_TX

11/03/2018

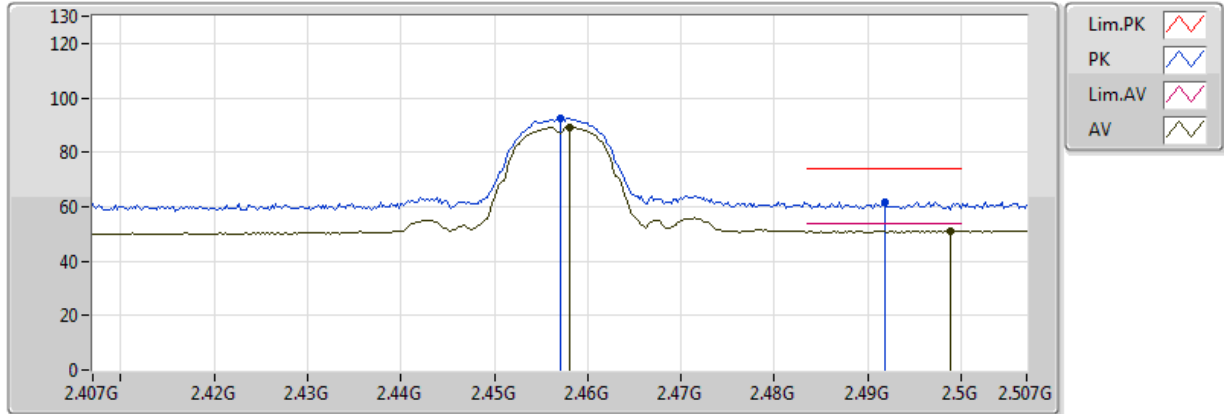


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 4.87398G     | 43.34             | 54.00             | -10.66         | 6.08           | 3           | Horizontal | 285            | 1.09          | -        | 37.26         | 31.37      | 4.55       | 29.84      |
| PK   | 4.87375G     | 49.20             | 74.00             | -24.80         | 6.08           | 3           | Horizontal | 285            | 1.09          | -        | 43.12         | 31.37      | 4.55       | 29.84      |

## 802.11b\_Nss1,(1Mbps)\_1TX(Port1)

## 2457MHz\_TX

12/03/2018

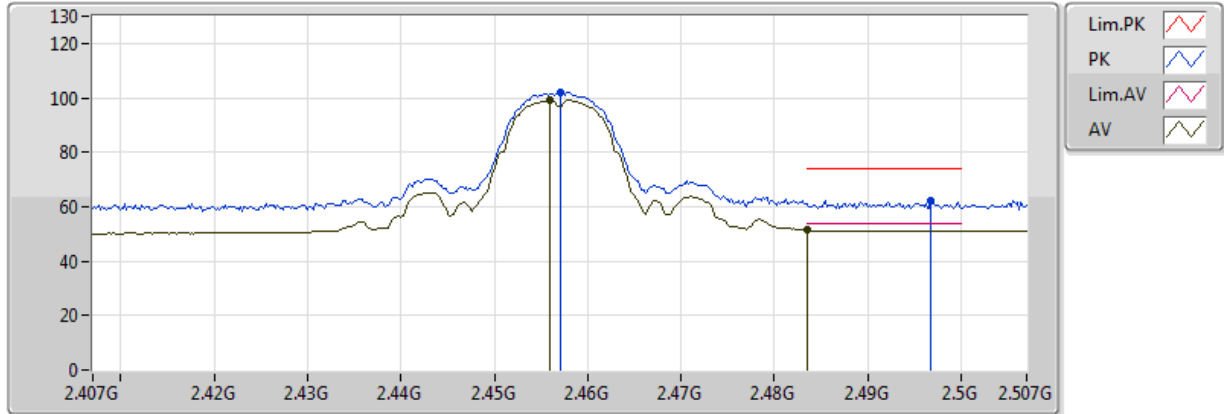


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.458G       | 89.22             | Inf               | -Inf           | 35.24          | 3           | Vertical  | 213            | 1.00          | -        | 53.98         | 27.18      | 8.06       | -          |
| AV   | 2.4988G      | 50.97             | 54.00             | -3.03          | 35.44          | 3           | Vertical  | 213            | 1.00          | -        | 15.53         | 27.30      | 8.14       | -          |
| PK   | 2.457G       | 92.52             | Inf               | -Inf           | 35.24          | 3           | Vertical  | 213            | 1.00          | -        | 57.28         | 27.18      | 8.06       | -          |
| PK   | 2.4918G      | 61.81             | 74.00             | -12.19         | 35.40          | 3           | Vertical  | 213            | 1.00          | -        | 26.41         | 27.28      | 8.12       | -          |

## 802.11b\_Nss1,(1Mbps)\_1TX(Port1)

## 2457MHz\_TX

12/03/2018

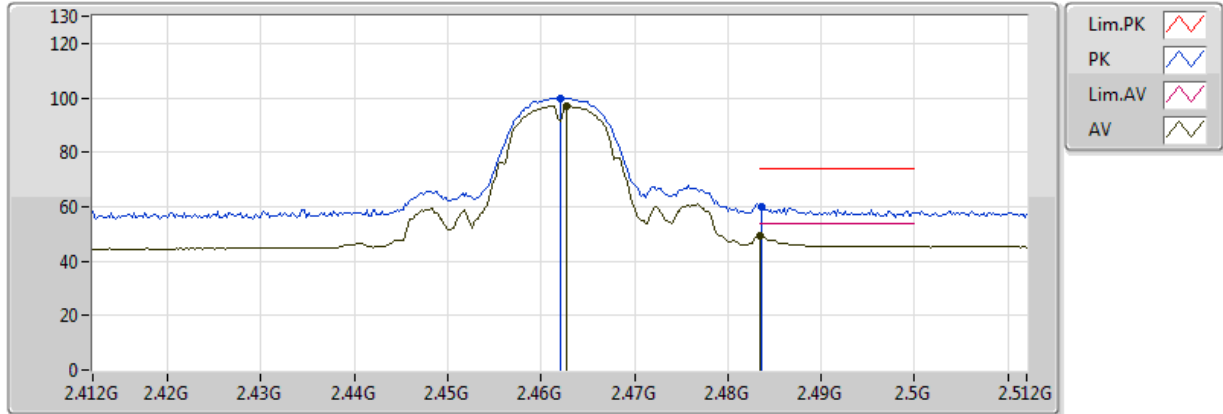


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.456G       | 99.06             | Inf               | -Inf           | 35.23          | 3           | Horizontal | 14             | 1.00          | -        | 63.83         | 27.18      | 8.06       | -          |
| AV   | 2.483502G    | 51.38             | 54.00             | -2.62          | 35.36          | 3           | Horizontal | 14             | 1.00          | -        | 16.02         | 27.25      | 8.11       | -          |
| PK   | 2.457G       | 102.04            | Inf               | -Inf           | 35.24          | 3           | Horizontal | 14             | 1.00          | -        | 66.80         | 27.18      | 8.06       | -          |
| PK   | 2.4968G      | 62.06             | 74.00             | -11.94         | 35.42          | 3           | Horizontal | 14             | 1.00          | -        | 26.64         | 27.29      | 8.13       | -          |

## 802.11b\_Nss1,(1Mbps)\_1TX(Port1)

## 2462MHz\_TX

12/03/2018

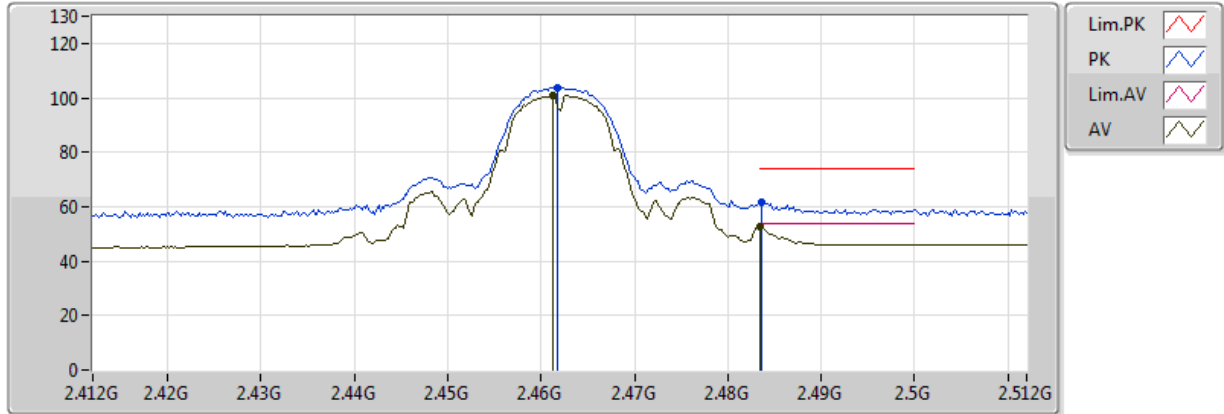


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.4628G      | 97.16             | Inf               | -Inf           | 30.82          | 3           | Vertical  | 62             | 2.71          | -        | 66.34         | 27.50      | 3.31       | -          |
| AV   | 2.483502G    | 49.58             | 54.00             | -4.42          | 30.89          | 3           | Vertical  | 62             | 2.71          | -        | 18.69         | 27.56      | 3.33       | -          |
| PK   | 2.462G       | 99.89             | Inf               | -Inf           | 30.81          | 3           | Vertical  | 62             | 2.71          | -        | 69.08         | 27.50      | 3.31       | -          |
| PK   | 2.4836G      | 60.11             | 74.00             | -13.89         | 30.89          | 3           | Vertical  | 62             | 2.71          | -        | 29.22         | 27.56      | 3.33       | -          |

## 802.11b\_Nss1,(1Mbps)\_1TX(Port1)

## 2462MHz\_TX

12/03/2018

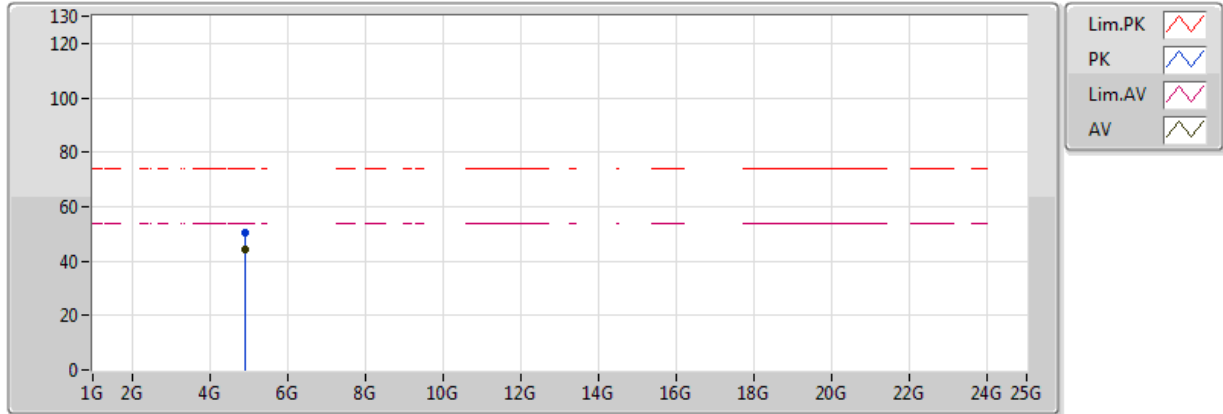


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.4612G      | 100.86            | Inf               | -Inf           | 30.81          | 3           | Horizontal | 23             | 1.31          | -        | 70.05         | 27.50      | 3.31       | -          |
| AV   | 2.483502G    | 52.87             | 54.00             | -1.13          | 30.89          | 3           | Horizontal | 23             | 1.31          | -        | 21.98         | 27.56      | 3.33       | -          |
| PK   | 2.4618G      | 103.55            | Inf               | -Inf           | 30.81          | 3           | Horizontal | 23             | 1.31          | -        | 72.74         | 27.50      | 3.31       | -          |
| PK   | 2.4836G      | 61.69             | 74.00             | -12.31         | 30.89          | 3           | Horizontal | 23             | 1.31          | -        | 30.80         | 27.56      | 3.33       | -          |

## 802.11b\_Nss1,(1Mbps)\_1TX(Port1)

### 2462MHz\_TX

12/03/2018

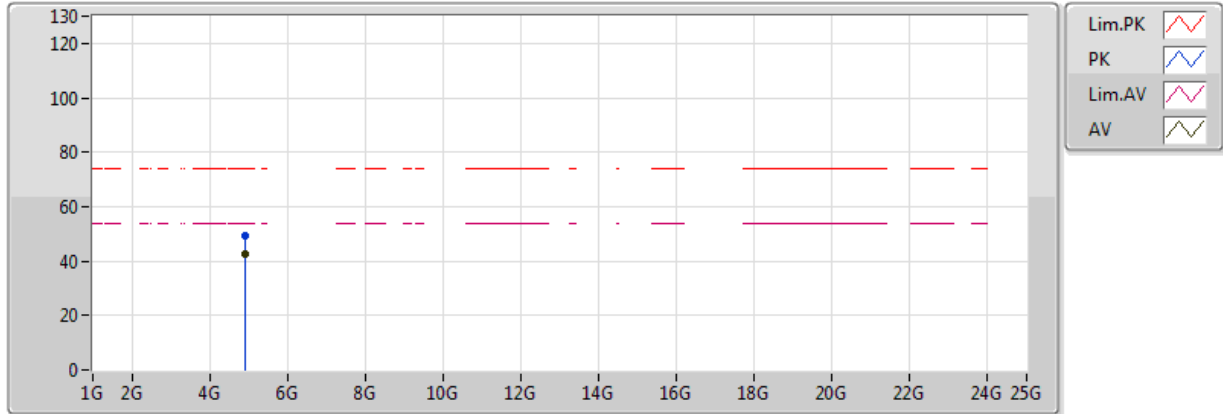


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 4.92402G     | 44.52             | 54.00             | -9.48          | 6.21           | 3           | Vertical  | 281            | 2.14          | -        | 38.31         | 31.46      | 4.57       | 29.83      |
| PK   | 4.92403G     | 50.68             | 74.00             | -23.32         | 6.21           | 3           | Vertical  | 281            | 2.14          | -        | 44.47         | 31.46      | 4.57       | 29.83      |

## 802.11b\_Nss1,(1Mbps)\_1TX(Port1)

### 2462MHz\_TX

12/03/2018

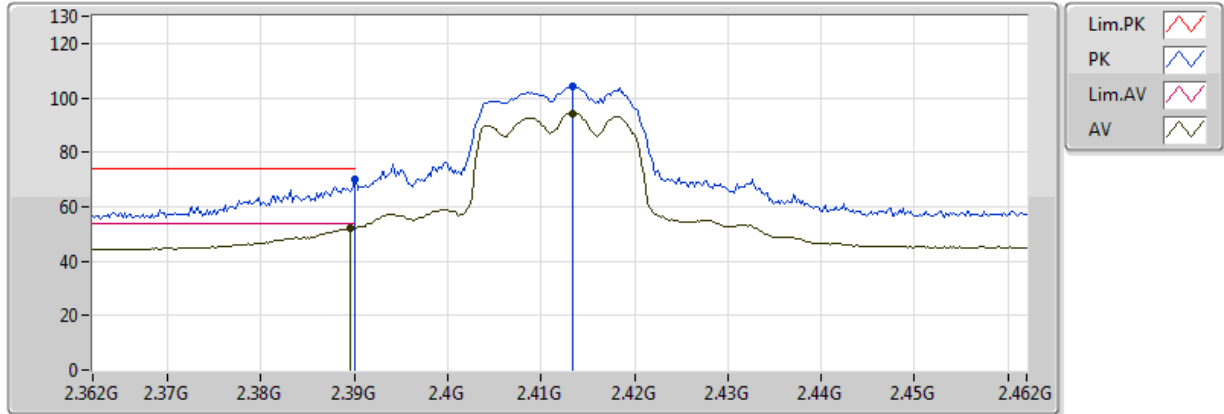


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 4.923976G    | 42.49             | 54.00             | -11.51         | 6.21           | 3           | Horizontal | 287            | 1.06          | -        | 36.28         | 31.46      | 4.57       | 29.83      |
| PK   | 4.92408G     | 49.12             | 74.00             | -24.88         | 6.21           | 3           | Horizontal | 287            | 1.06          | -        | 42.91         | 31.46      | 4.57       | 29.83      |

## 802.11g\_Nss1,(6Mbps)\_2TX

## 2412MHz\_TX

12/03/2018

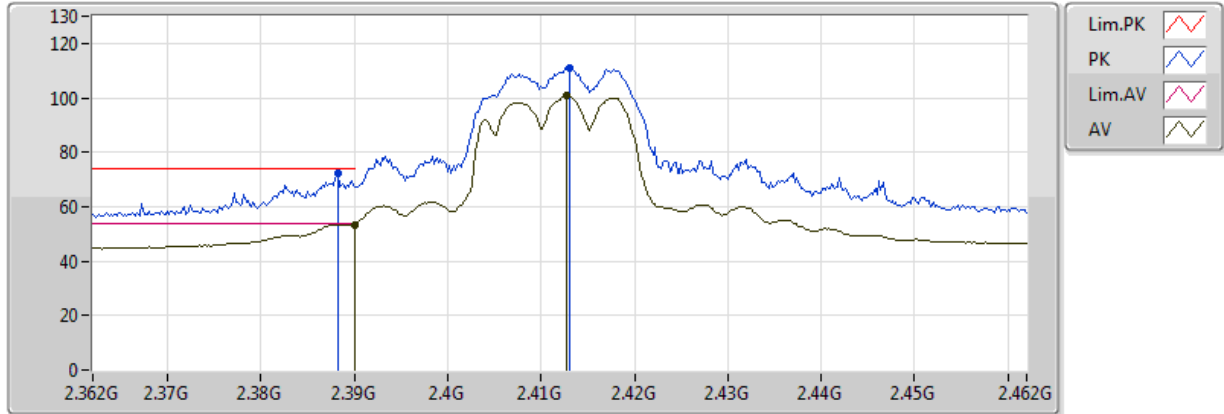


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.3896G      | 52.21             | 54.00             | -1.79          | 30.55          | 3           | Vertical  | 228            | 2.85          | -        | 21.66         | 27.31      | 3.24       | -          |
| AV   | 2.4134G      | 94.35             | Inf               | -Inf           | 30.64          | 3           | Vertical  | 228            | 2.85          | -        | 63.71         | 27.37      | 3.26       | -          |
| PK   | 2.38998G     | 70.20             | 74.00             | -3.80          | 30.55          | 3           | Vertical  | 228            | 2.85          | -        | 39.65         | 27.31      | 3.24       | -          |
| PK   | 2.4134G      | 104.14            | Inf               | -Inf           | 30.64          | 3           | Vertical  | 228            | 2.85          | -        | 73.50         | 27.37      | 3.26       | -          |

## 802.11g\_Nss1,(6Mbps)\_2TX

## 2412MHz\_TX

12/03/2018

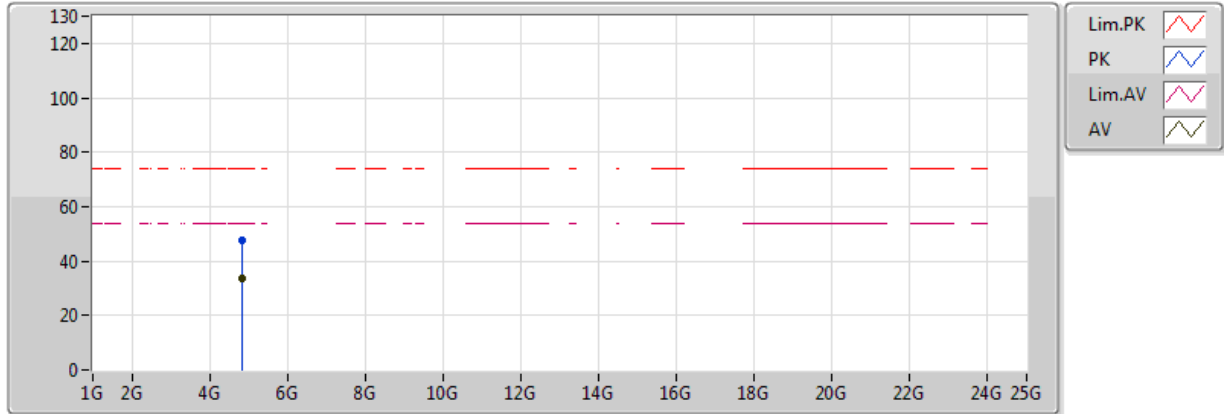


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.389998G    | 53.42             | 54.00             | -0.58          | 30.55          | 3           | Horizontal | 246            | 1.18          | -        | 22.87         | 27.31      | 3.24       | -          |
| AV   | 2.4128G      | 101.08            | Inf               | -Inf           | 30.64          | 3           | Horizontal | 246            | 1.18          | -        | 70.44         | 27.37      | 3.26       | -          |
| PK   | 2.3882G      | 72.20             | 74.00             | -1.80          | 30.55          | 3           | Horizontal | 246            | 1.18          | -        | 41.65         | 27.31      | 3.24       | -          |
| PK   | 2.413G       | 111.05            | Inf               | -Inf           | 30.64          | 3           | Horizontal | 246            | 1.18          | -        | 80.41         | 27.37      | 3.26       | -          |

## 802.11g\_Nss1,(6Mbps)\_2TX

## 2412MHz\_TX

12/03/2018

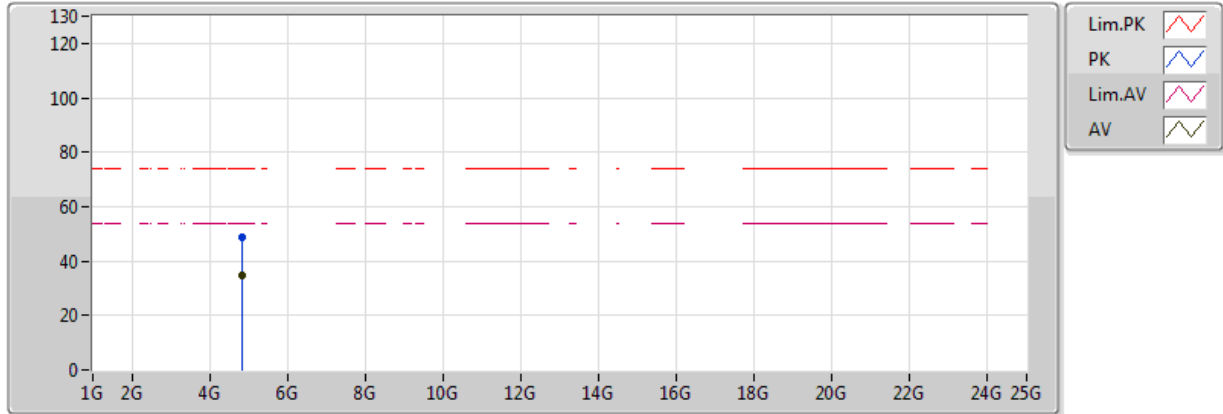


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 4.825158G    | 33.81             | 54.00             | -20.19         | 5.96           | 3           | Vertical  | 210            | 1.14          | -        | 27.85         | 31.29      | 4.52       | 29.84      |
| PK   | 4.826116G    | 47.61             | 74.00             | -26.39         | 5.97           | 3           | Vertical  | 210            | 1.14          | -        | 41.64         | 31.29      | 4.52       | 29.84      |

## 802.11g\_Nss1,(6Mbps)\_2TX

### 2412MHz\_TX

12/03/2018

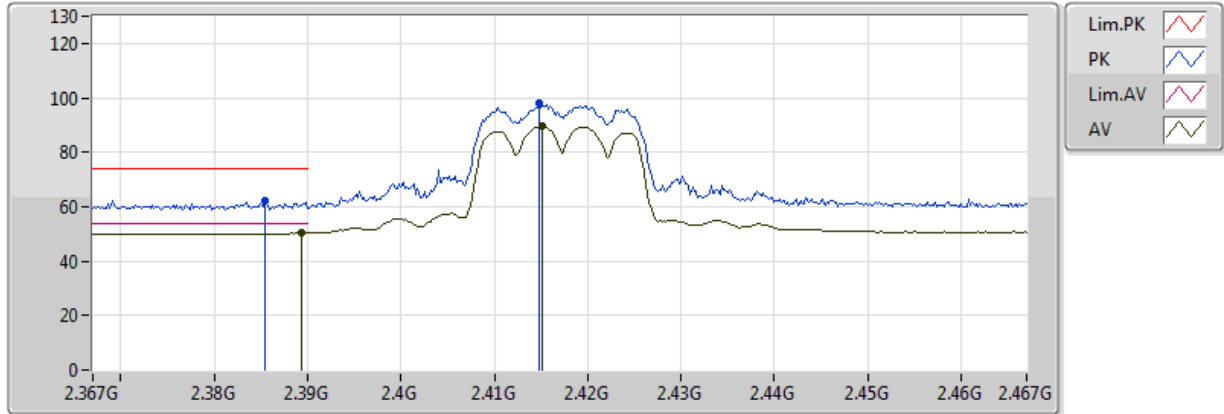


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 4.824679G    | 34.62             | 54.00             | -19.38         | 5.96           | 3           | Horizontal | 296            | 1.00          | -        | 28.66         | 31.28      | 4.52       | 29.85      |
| PK   | 4.824878G    | 48.54             | 74.00             | -25.46         | 5.96           | 3           | Horizontal | 296            | 1.00          | -        | 42.58         | 31.28      | 4.52       | 29.85      |

## 802.11g\_Nss1,(6Mbps)\_2TX

## 2417MHz\_TX

12/03/2018

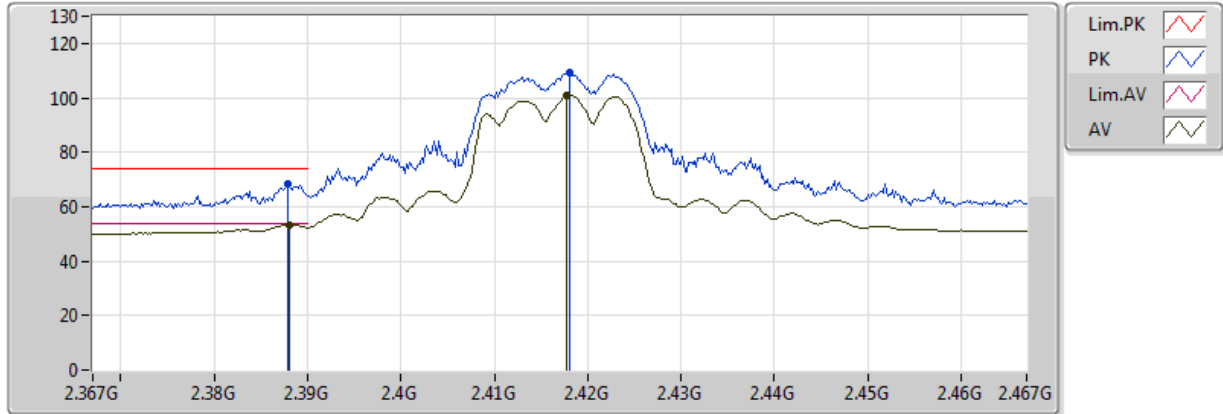


| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comments | Raw    | AF    | CL   | PA   |
|------|---------|----------|----------|--------|--------|------|-----------|---------|--------|----------|--------|-------|------|------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |          | (dBuV) | (dB)  | (dB) | (dB) |
| AV   | 2.3894G | 50.38    | 54.00    | -3.62  | 34.92  | 3    | Vertical  | 1       | 1.01   | -        | 15.46  | 26.99 | 7.93 | -    |
| AV   | 2.4152G | 89.45    | Inf      | -Inf   | 35.04  | 3    | Vertical  | 1       | 1.01   | -        | 54.41  | 27.06 | 7.98 | -    |
| PK   | 2.3854G | 62.17    | 74.00    | -11.83 | 34.90  | 3    | Vertical  | 1       | 1.01   | -        | 27.27  | 26.98 | 7.92 | -    |
| PK   | 2.4148G | 97.82    | Inf      | -Inf   | 35.04  | 3    | Vertical  | 1       | 1.01   | -        | 62.78  | 27.06 | 7.98 | -    |

## 802.11g\_Nss1,(6Mbps)\_2TX

## 2417MHz\_TX

12/03/2018

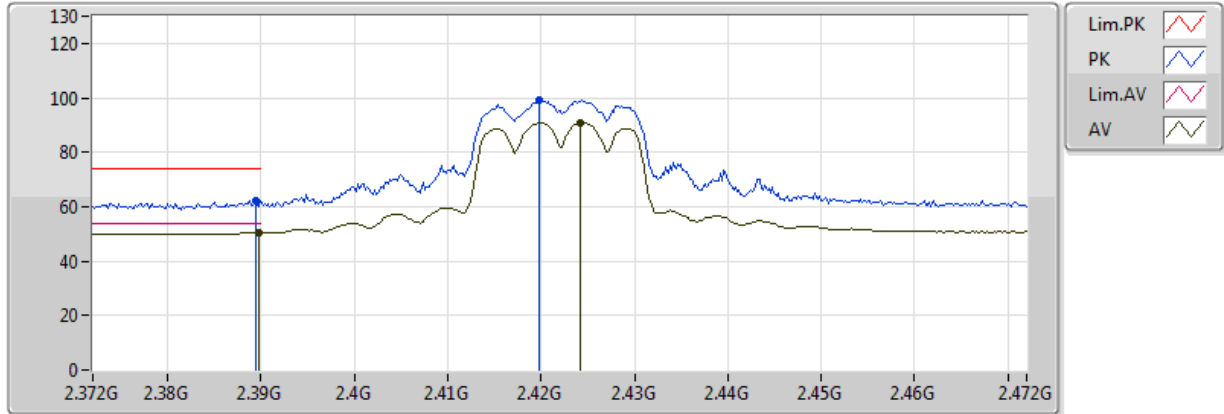


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.388G       | 53.49             | 54.00             | -0.51          | 34.92          | 3           | Horizontal | 243            | 1.02          | -        | 18.57         | 26.99      | 7.93       | -          |
| AV   | 2.4178G      | 101.03            | Inf               | -Inf           | 35.05          | 3           | Horizontal | 243            | 1.02          | -        | 65.98         | 27.07      | 7.98       | -          |
| PK   | 2.3878G      | 68.41             | 74.00             | -5.59          | 34.92          | 3           | Horizontal | 243            | 1.02          | -        | 33.49         | 26.99      | 7.93       | -          |
| PK   | 2.418G       | 109.30            | Inf               | -Inf           | 35.05          | 3           | Horizontal | 243            | 1.02          | -        | 74.25         | 27.07      | 7.98       | -          |

## 802.11g\_Nss1,(6Mbps)\_2TX

## 2422MHz\_TX

12/03/2018

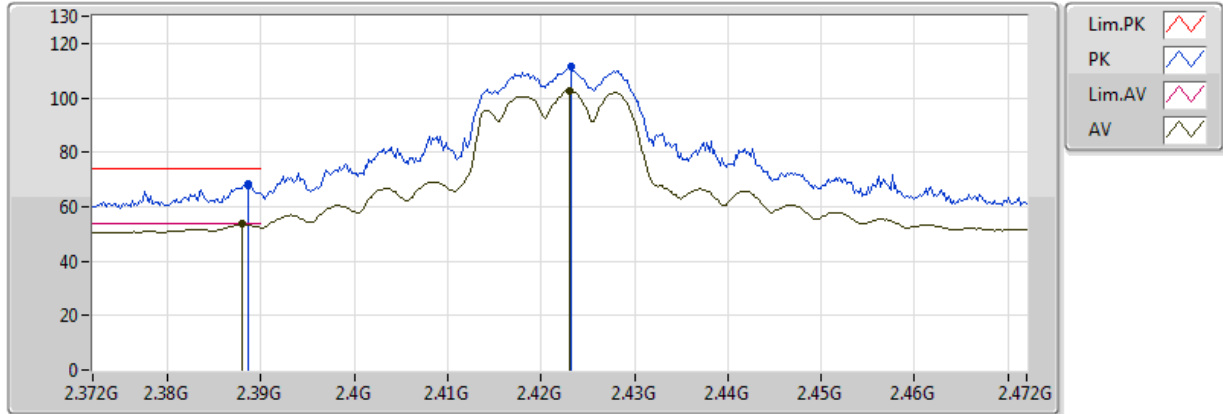


| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comments | Raw    | AF    | CL   | PA   |
|------|---------|----------|----------|--------|--------|------|-----------|---------|--------|----------|--------|-------|------|------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |          | (dBuV) | (dB)  | (dB) | (dB) |
| AV   | 2.3898G | 50.49    | 54.00    | -3.51  | 34.92  | 3    | Vertical  | 357     | 1.04   | -        | 15.57  | 26.99 | 7.93 | -    |
| AV   | 2.4242G | 90.83    | Inf      | -Inf   | 35.08  | 3    | Vertical  | 357     | 1.04   | -        | 55.75  | 27.09 | 8.00 | -    |
| PK   | 2.3894G | 62.16    | 74.00    | -11.84 | 34.92  | 3    | Vertical  | 357     | 1.04   | -        | 27.24  | 26.99 | 7.93 | -    |
| PK   | 2.4198G | 99.29    | Inf      | -Inf   | 35.06  | 3    | Vertical  | 357     | 1.04   | -        | 64.23  | 27.08 | 7.99 | -    |

## 802.11g\_Nss1,(6Mbps)\_2TX

## 2422MHz\_TX

12/03/2018

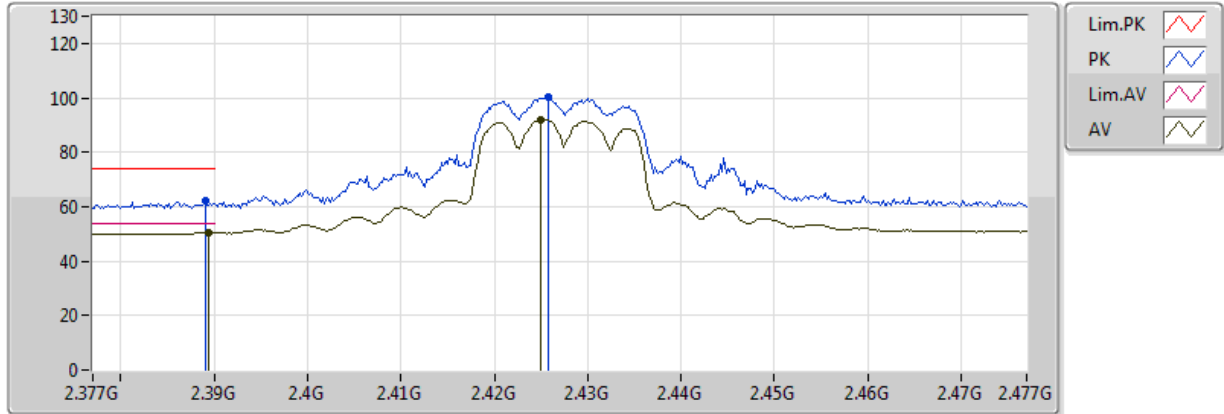


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.388G       | 53.61             | 54.00             | -0.39          | 34.92          | 3           | Horizontal | 241            | 1.01          | -        | 18.69         | 26.99      | 7.93       | -          |
| AV   | 2.423G       | 102.81            | Inf               | -Inf           | 35.08          | 3           | Horizontal | 241            | 1.01          | -        | 67.73         | 27.08      | 7.99       | -          |
| PK   | 2.3886G      | 68.40             | 74.00             | -5.60          | 34.92          | 3           | Horizontal | 241            | 1.01          | -        | 33.48         | 26.99      | 7.93       | -          |
| PK   | 2.4232G      | 111.24            | Inf               | -Inf           | 35.08          | 3           | Horizontal | 241            | 1.01          | -        | 76.16         | 27.08      | 7.99       | -          |

## 802.11g\_Nss1,(6Mbps)\_2TX

## 2427MHz\_TX

12/03/2018

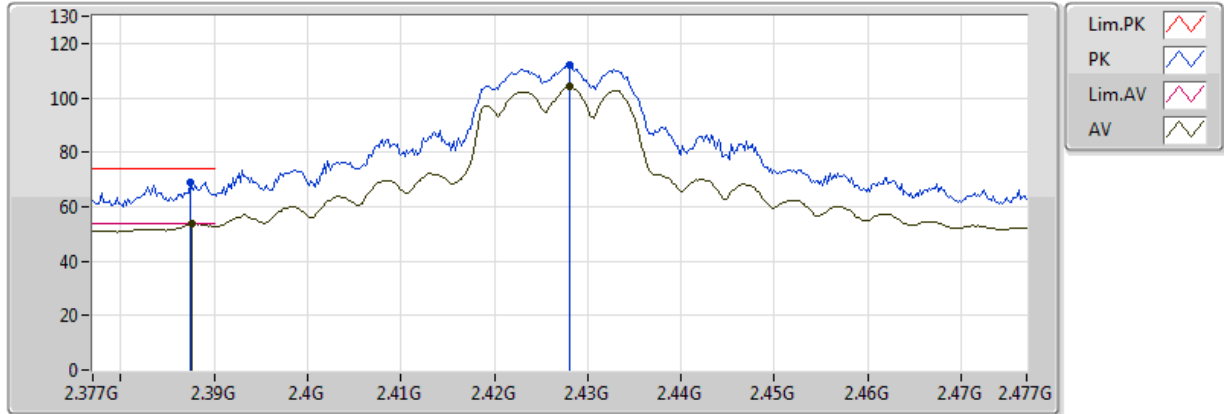


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.3894G      | 50.56             | 54.00             | -3.44          | 34.92          | 3           | Vertical  | 2              | 1.02          | -        | 15.64         | 26.99      | 7.93       | -          |
| AV   | 2.425G       | 92.03             | Inf               | -Inf           | 35.09          | 3           | Vertical  | 2              | 1.02          | -        | 56.94         | 27.09      | 8.00       | -          |
| PK   | 2.389G       | 62.05             | 74.00             | -11.95         | 34.92          | 3           | Vertical  | 2              | 1.02          | -        | 27.13         | 26.99      | 7.93       | -          |
| PK   | 2.4258G      | 100.12            | Inf               | -Inf           | 35.09          | 3           | Vertical  | 2              | 1.02          | -        | 65.03         | 27.09      | 8.00       | -          |

## 802.11g\_Nss1,(6Mbps)\_2TX

## 2427MHz\_TX

12/03/2018

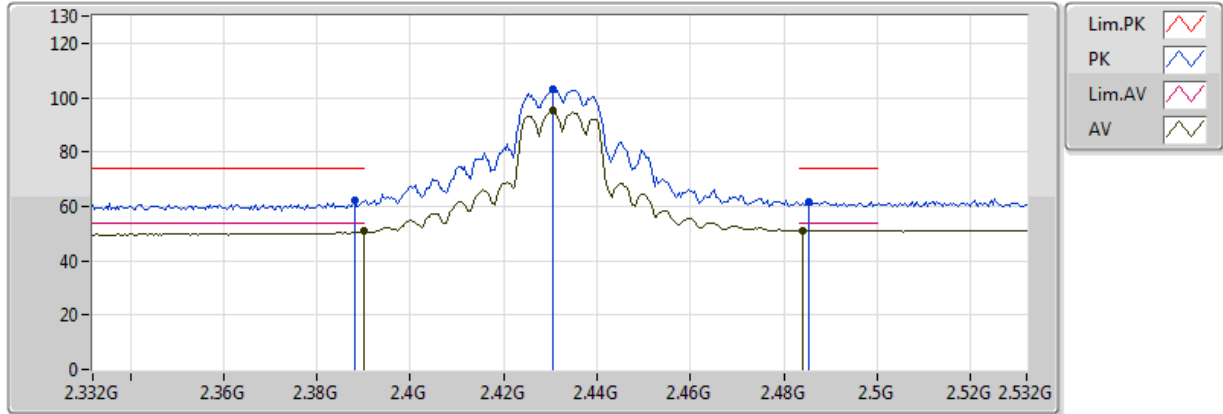


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.3876G      | 53.83             | 54.00             | -0.17          | 34.92          | 3           | Horizontal | 241            | 1.01          | -        | 18.91         | 26.99      | 7.93       | -          |
| AV   | 2.428G       | 104.07            | Inf               | -Inf           | 35.10          | 3           | Horizontal | 241            | 1.01          | -        | 68.97         | 27.10      | 8.00       | -          |
| PK   | 2.3874G      | 68.79             | 74.00             | -5.21          | 34.91          | 3           | Horizontal | 241            | 1.01          | -        | 33.88         | 26.98      | 7.93       | -          |
| PK   | 2.428G       | 112.16            | Inf               | -Inf           | 35.10          | 3           | Horizontal | 241            | 1.01          | -        | 77.06         | 27.10      | 8.00       | -          |

## 802.11g\_Nss1,(6Mbps)\_2TX

## 2432MHz\_TX

12/03/2018

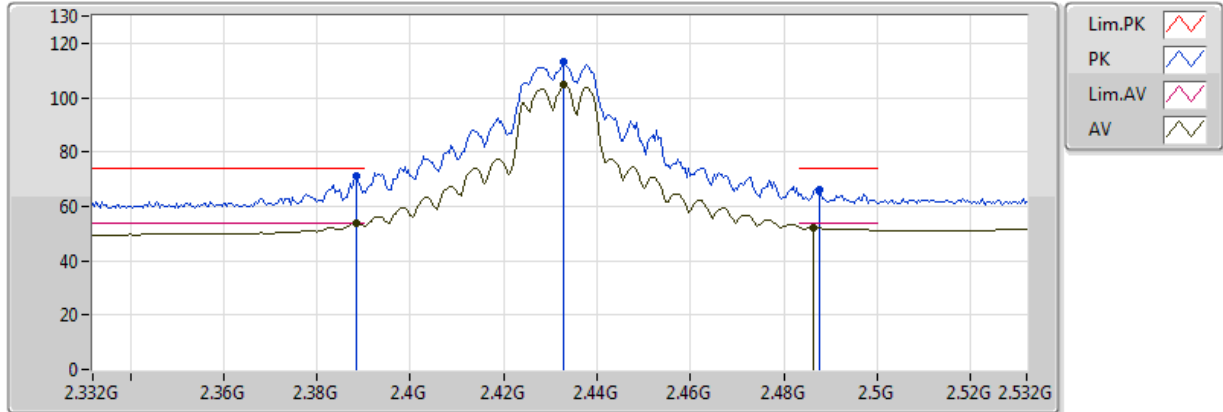


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.389998G    | 50.84             | 54.00             | -3.16          | 34.92          | 3           | Vertical  | 321            | 1.04          | -        | 15.92         | 26.99      | 7.93       | -          |
| AV   | 2.4304G      | 95.00             | Inf               | -Inf           | 35.11          | 3           | Vertical  | 321            | 1.04          | -        | 59.89         | 27.11      | 8.01       | -          |
| AV   | 2.484G       | 51.11             | 54.00             | -2.89          | 35.37          | 3           | Vertical  | 321            | 1.04          | -        | 15.74         | 27.26      | 8.11       | -          |
| PK   | 2.388G       | 61.93             | 74.00             | -12.07         | 34.92          | 3           | Vertical  | 321            | 1.04          | -        | 27.01         | 26.99      | 7.93       | -          |
| PK   | 2.4304G      | 103.11            | Inf               | -Inf           | 35.11          | 3           | Vertical  | 321            | 1.04          | -        | 68.00         | 27.11      | 8.01       | -          |
| PK   | 2.4852G      | 61.53             | 74.00             | -12.47         | 35.37          | 3           | Vertical  | 321            | 1.04          | -        | 26.16         | 27.26      | 8.11       | -          |

## 802.11g\_Nss1,(6Mbps)\_2TX

## 2432MHz\_TX

12/03/2018

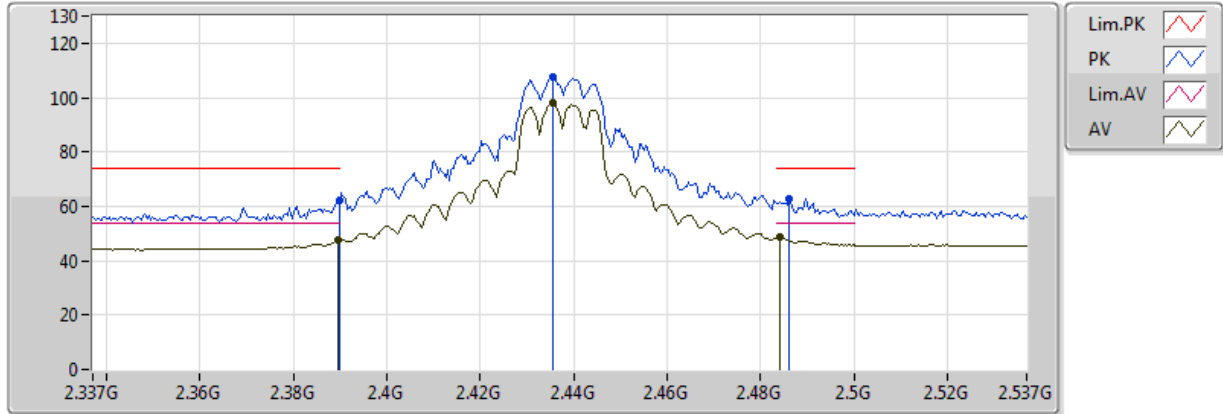


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.3884G      | 53.76             | 54.00             | -0.24          | 34.92          | 3           | Horizontal | 241            | 1.01          | -        | 18.84         | 26.99      | 7.93       | -          |
| AV   | 2.4328G      | 104.69            | Inf               | -Inf           | 35.12          | 3           | Horizontal | 241            | 1.01          | -        | 69.57         | 27.11      | 8.01       | -          |
| AV   | 2.4864G      | 52.27             | 54.00             | -1.73          | 35.37          | 3           | Horizontal | 241            | 1.01          | -        | 16.90         | 27.26      | 8.11       | -          |
| PK   | 2.3884G      | 71.16             | 74.00             | -2.84          | 34.92          | 3           | Horizontal | 241            | 1.01          | -        | 36.24         | 26.99      | 7.93       | -          |
| PK   | 2.4328G      | 113.30            | Inf               | -Inf           | 35.12          | 3           | Horizontal | 241            | 1.01          | -        | 78.18         | 27.11      | 8.01       | -          |
| PK   | 2.4876G      | 65.98             | 74.00             | -8.02          | 35.39          | 3           | Horizontal | 241            | 1.01          | -        | 30.59         | 27.27      | 8.12       | -          |

## 802.11g\_Nss1,(6Mbps)\_2TX

## 2437MHz\_TX

12/03/2018

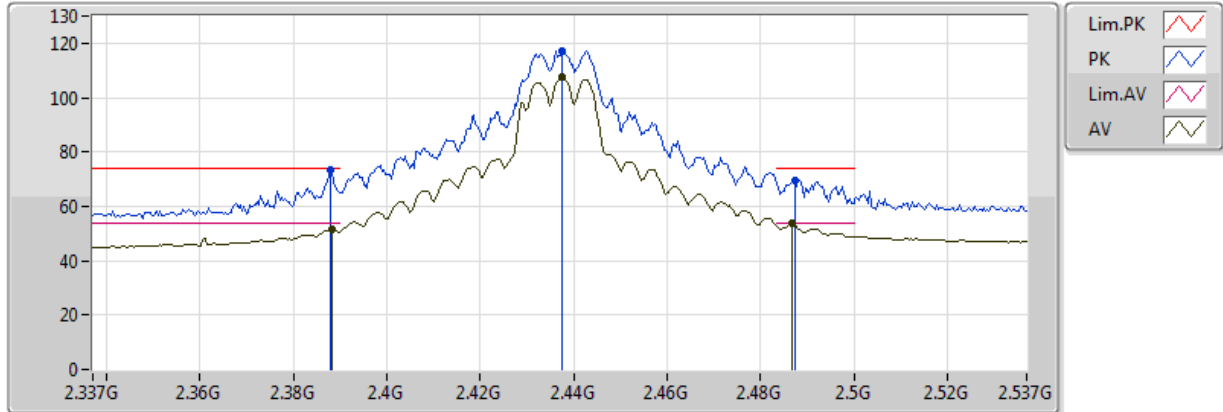


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.3894G      | 47.48             | 54.00             | -6.52          | 30.55          | 3           | Vertical  | 334            | 1.10          | -        | 16.93         | 27.31      | 3.24       | -          |
| AV   | 2.4354G      | 98.00             | Inf               | -Inf           | 30.72          | 3           | Vertical  | 334            | 1.10          | -        | 67.28         | 27.43      | 3.29       | -          |
| AV   | 2.4842G      | 48.47             | 54.00             | -5.53          | 30.89          | 3           | Vertical  | 334            | 1.10          | -        | 17.58         | 27.56      | 3.33       | -          |
| PK   | 2.3898G      | 61.98             | 74.00             | -12.02         | 30.55          | 3           | Vertical  | 334            | 1.10          | -        | 31.43         | 27.31      | 3.24       | -          |
| PK   | 2.4354G      | 107.44            | Inf               | -Inf           | 30.72          | 3           | Vertical  | 334            | 1.10          | -        | 76.72         | 27.43      | 3.29       | -          |
| PK   | 2.4862G      | 62.87             | 74.00             | -11.13         | 30.90          | 3           | Vertical  | 334            | 1.10          | -        | 31.97         | 27.56      | 3.34       | -          |

## 802.11g\_Nss1,(6Mbps)\_2TX

## 2437MHz\_TX

12/03/2018

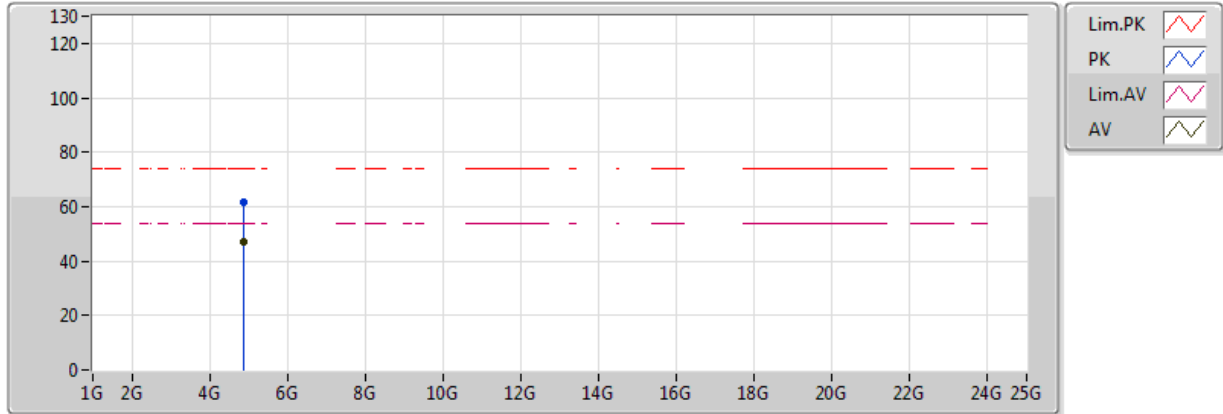


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.3882G      | 51.53             | 54.00             | -2.47          | 30.55          | 3           | Horizontal | 244            | 1.24          | -        | 20.98         | 27.31      | 3.24       | -          |
| AV   | 2.4374G      | 107.72            | Inf               | -Inf           | 30.72          | 3           | Horizontal | 244            | 1.24          | -        | 77.00         | 27.44      | 3.29       | -          |
| AV   | 2.4866G      | 53.52             | 54.00             | -0.48          | 30.91          | 3           | Horizontal | 244            | 1.24          | -        | 22.61         | 27.57      | 3.34       | -          |
| PK   | 2.3878G      | 73.33             | 74.00             | -0.67          | 30.55          | 3           | Horizontal | 244            | 1.24          | -        | 42.78         | 27.31      | 3.24       | -          |
| PK   | 2.4374G      | 117.18            | Inf               | -Inf           | 30.72          | 3           | Horizontal | 244            | 1.24          | -        | 86.46         | 27.44      | 3.29       | -          |
| PK   | 2.4874G      | 69.75             | 74.00             | -4.25          | 30.91          | 3           | Horizontal | 244            | 1.24          | -        | 38.84         | 27.57      | 3.34       | -          |

## 802.11g\_Nss1,(6Mbps)\_2TX

### 2437MHz\_TX

12/03/2018

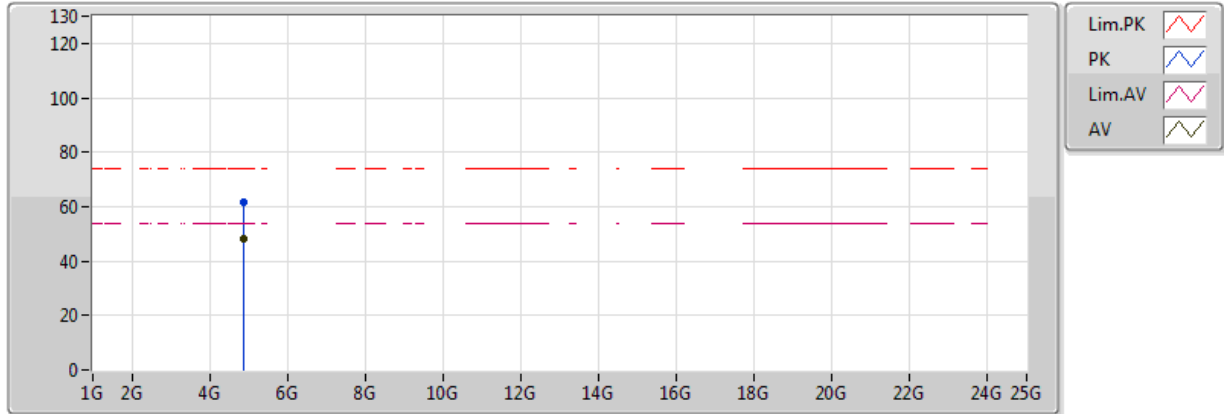


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 4.8745G      | 47.27             | 54.00             | -6.73          | 6.09           | 3           | Vertical  | 166            | 1.12          | -        | 41.18         | 31.37      | 4.55       | 29.84      |
| PK   | 4.8745G      | 61.46             | 74.00             | -12.54         | 6.09           | 3           | Vertical  | 166            | 1.12          | -        | 55.37         | 31.37      | 4.55       | 29.84      |

## 802.11g\_Nss1,(6Mbps)\_2TX

## 2437MHz\_TX

12/03/2018

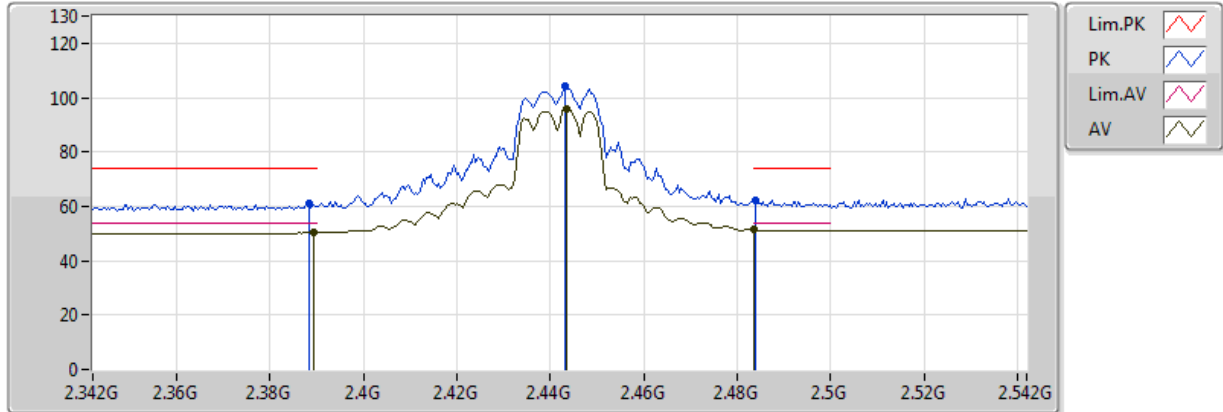


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 4.8747G      | 47.99             | 54.00             | -6.01          | 6.09           | 3           | Horizontal | 300            | 1.01          | -        | 41.90         | 31.37      | 4.55       | 29.84      |
| PK   | 4.8746G      | 61.63             | 74.00             | -12.37         | 6.09           | 3           | Horizontal | 300            | 1.01          | -        | 55.54         | 31.37      | 4.55       | 29.84      |

## 802.11g\_Nss1,(6Mbps)\_2TX

## 2442MHz\_TX

12/03/2018

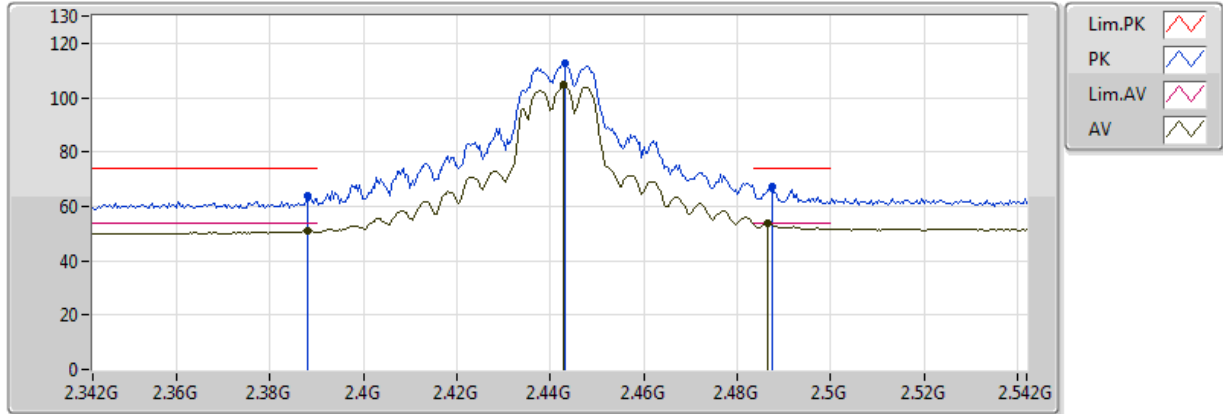


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.3892G      | 50.25             | 54.00             | -3.75          | 34.92          | 3           | Vertical  | 213            | 2.97          | -        | 15.33         | 26.99      | 7.93       | -          |
| AV   | 2.4436G      | 96.03             | Inf               | -Inf           | 35.17          | 3           | Vertical  | 213            | 2.97          | -        | 60.86         | 27.14      | 8.03       | -          |
| AV   | 2.483502G    | 51.37             | 54.00             | -2.63          | 35.36          | 3           | Vertical  | 213            | 2.97          | -        | 16.01         | 27.25      | 8.11       | -          |
| PK   | 2.3884G      | 60.87             | 74.00             | -13.13         | 34.92          | 3           | Vertical  | 213            | 2.97          | -        | 25.95         | 26.99      | 7.93       | -          |
| PK   | 2.4432G      | 104.06            | Inf               | -Inf           | 35.17          | 3           | Vertical  | 213            | 2.97          | -        | 68.89         | 27.14      | 8.03       | -          |
| PK   | 2.484G       | 62.37             | 74.00             | -11.63         | 35.37          | 3           | Vertical  | 213            | 2.97          | -        | 27.00         | 27.26      | 8.11       | -          |

## 802.11g\_Nss1,(6Mbps)\_2TX

## 2442MHz\_TX

12/03/2018

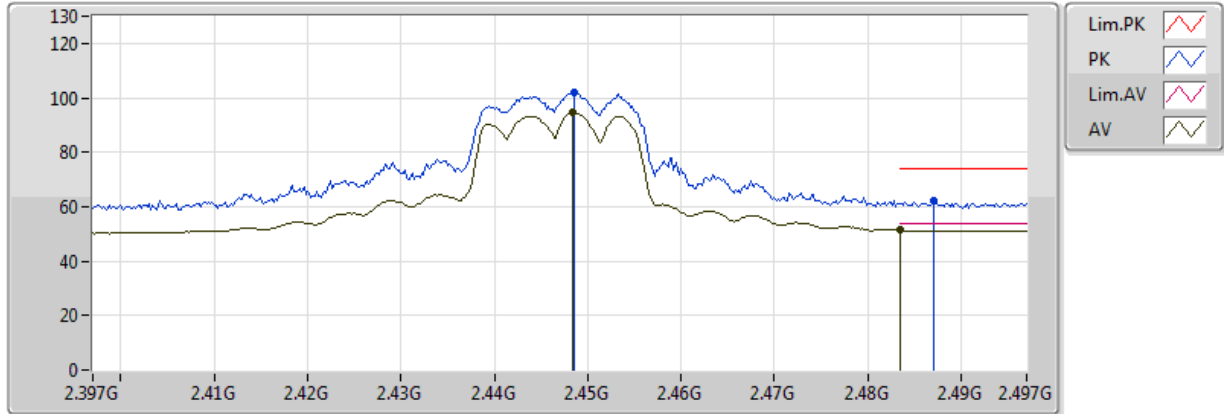


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.388G       | 50.85             | 54.00             | -3.15          | 34.92          | 3           | Horizontal | 233            | 1.12          | -        | 15.93         | 26.99      | 7.93       | -          |
| AV   | 2.4428G      | 104.95            | Inf               | -Inf           | 35.17          | 3           | Horizontal | 233            | 1.12          | -        | 69.78         | 27.14      | 8.03       | -          |
| AV   | 2.4864G      | 53.65             | 54.00             | -0.35          | 35.37          | 3           | Horizontal | 233            | 1.12          | -        | 18.28         | 27.26      | 8.11       | -          |
| PK   | 2.388G       | 63.75             | 74.00             | -10.25         | 34.92          | 3           | Horizontal | 233            | 1.12          | -        | 28.83         | 26.99      | 7.93       | -          |
| PK   | 2.4432G      | 112.59            | Inf               | -Inf           | 35.17          | 3           | Horizontal | 233            | 1.12          | -        | 77.42         | 27.14      | 8.03       | -          |
| PK   | 2.4876G      | 67.42             | 74.00             | -6.58          | 35.39          | 3           | Horizontal | 233            | 1.12          | -        | 32.03         | 27.27      | 8.12       | -          |

## 802.11g\_Nss1,(6Mbps)\_2TX

## 2447MHz\_TX

12/03/2018

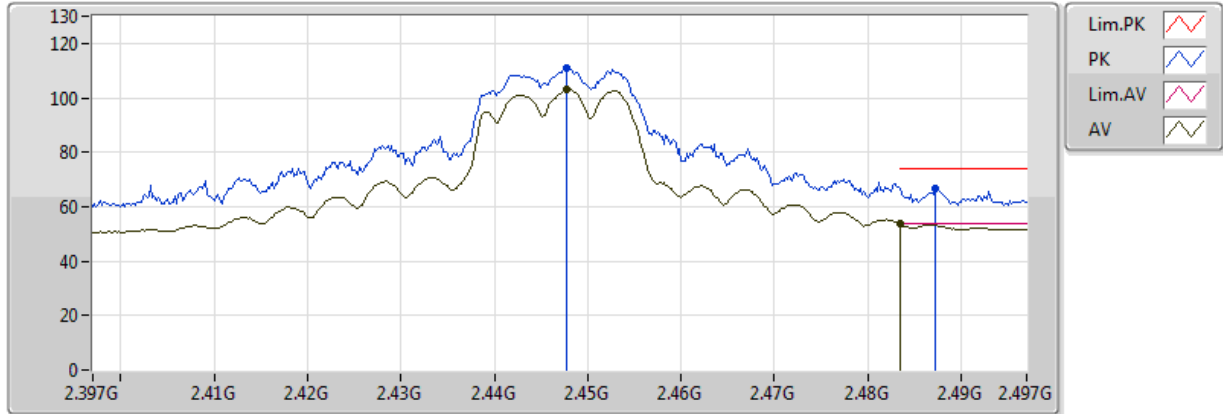


| Type | Freq      | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comments | Raw    | AF    | CL   | PA   |
|------|-----------|----------|----------|--------|--------|------|-----------|---------|--------|----------|--------|-------|------|------|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |          | (dBuV) | (dB)  | (dB) | (dB) |
| AV   | 2.4484G   | 94.48    | Inf      | -Inf   | 35.20  | 3    | Vertical  | 211     | 2.94   | -        | 59.28  | 27.16 | 8.04 | -    |
| AV   | 2.483502G | 51.45    | 54.00    | -2.55  | 35.36  | 3    | Vertical  | 211     | 2.94   | -        | 16.09  | 27.25 | 8.11 | -    |
| PK   | 2.4486G   | 102.09   | Inf      | -Inf   | 35.20  | 3    | Vertical  | 211     | 2.94   | -        | 66.89  | 27.16 | 8.04 | -    |
| PK   | 2.487G    | 62.01    | 74.00    | -11.99 | 35.38  | 3    | Vertical  | 211     | 2.94   | -        | 26.63  | 27.26 | 8.12 | -    |

## 802.11g\_Nss1,(6Mbps)\_2TX

## 2447MHz\_TX

12/03/2018

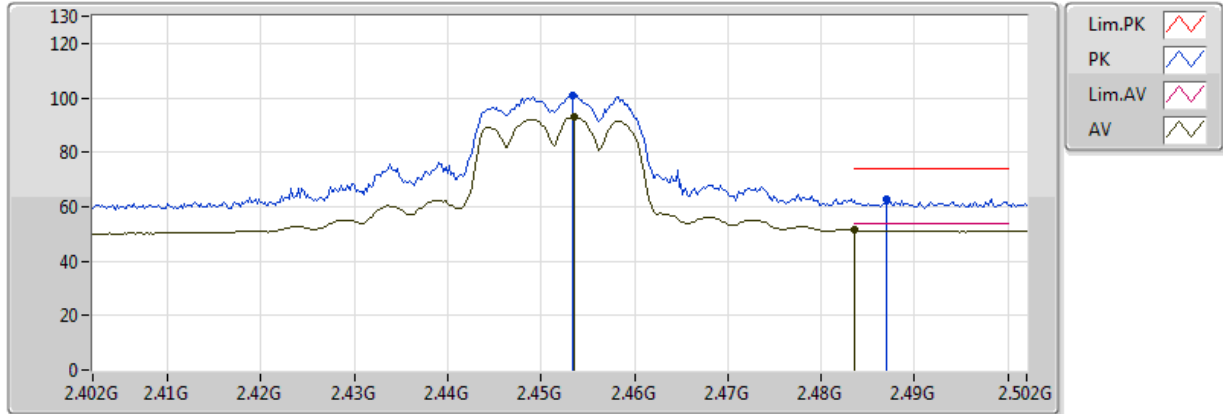


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.4478G      | 103.27            | Inf               | -Inf           | 35.19          | 3           | Horizontal | 235            | 1.00          | -        | 68.08         | 27.15      | 8.04       | -          |
| AV   | 2.483502G    | 53.65             | 54.00             | -0.35          | 35.36          | 3           | Horizontal | 235            | 1.00          | -        | 18.29         | 27.25      | 8.11       | -          |
| PK   | 2.4478G      | 110.91            | Inf               | -Inf           | 35.19          | 3           | Horizontal | 235            | 1.00          | -        | 75.72         | 27.15      | 8.04       | -          |
| PK   | 2.4872G      | 66.81             | 74.00             | -7.19          | 35.38          | 3           | Horizontal | 235            | 1.00          | -        | 31.43         | 27.26      | 8.12       | -          |

## 802.11g\_Nss1,(6Mbps)\_2TX

## 2452MHz\_TX

12/03/2018

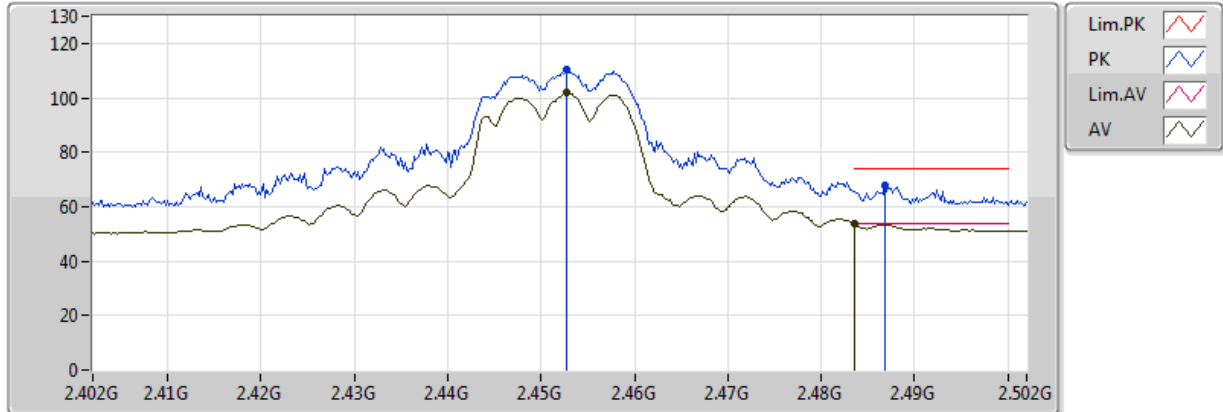


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.4536G      | 93.02             | Inf               | -Inf           | 35.22          | 3           | Vertical  | 214            | 2.95          | -        | 57.80         | 27.17      | 8.05       | -          |
| AV   | 2.4836G      | 51.38             | 54.00             | -2.62          | 35.36          | 3           | Vertical  | 214            | 2.95          | -        | 16.02         | 27.25      | 8.11       | -          |
| PK   | 2.4534G      | 101.10            | Inf               | -Inf           | 35.22          | 3           | Vertical  | 214            | 2.95          | -        | 65.88         | 27.17      | 8.05       | -          |
| PK   | 2.487G       | 62.64             | 74.00             | -11.36         | 35.38          | 3           | Vertical  | 214            | 2.95          | -        | 27.26         | 27.26      | 8.12       | -          |

## 802.11g\_Nss1,(6Mbps)\_2TX

## 2452MHz\_TX

12/03/2018

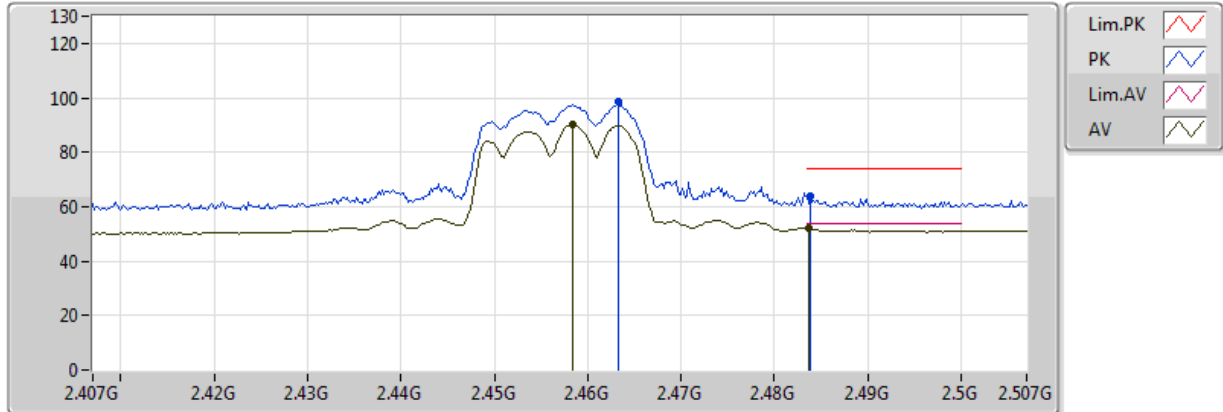


| Type | Freq      | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comments | Raw    | AF    | CL   | PA   |
|------|-----------|----------|----------|--------|--------|------|------------|---------|--------|----------|--------|-------|------|------|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |          | (dBuV) | (dB)  | (dB) | (dB) |
| AV   | 2.4528G   | 101.86   | Inf      | -Inf   | 35.22  | 3    | Horizontal | 234     | 1.00   | -        | 66.64  | 27.17 | 8.05 | -    |
| AV   | 2.483502G | 53.72    | 54.00    | -0.28  | 35.36  | 3    | Horizontal | 234     | 1.00   | -        | 18.36  | 27.25 | 8.11 | -    |
| PK   | 2.4528G   | 110.21   | Inf      | -Inf   | 35.22  | 3    | Horizontal | 234     | 1.00   | -        | 74.99  | 27.17 | 8.05 | -    |
| PK   | 2.4868G   | 67.88    | 74.00    | -6.12  | 35.37  | 3    | Horizontal | 234     | 1.00   | -        | 32.51  | 27.26 | 8.11 | -    |

## 802.11g\_Nss1,(6Mbps)\_2TX

## 2457MHz\_TX

12/03/2018

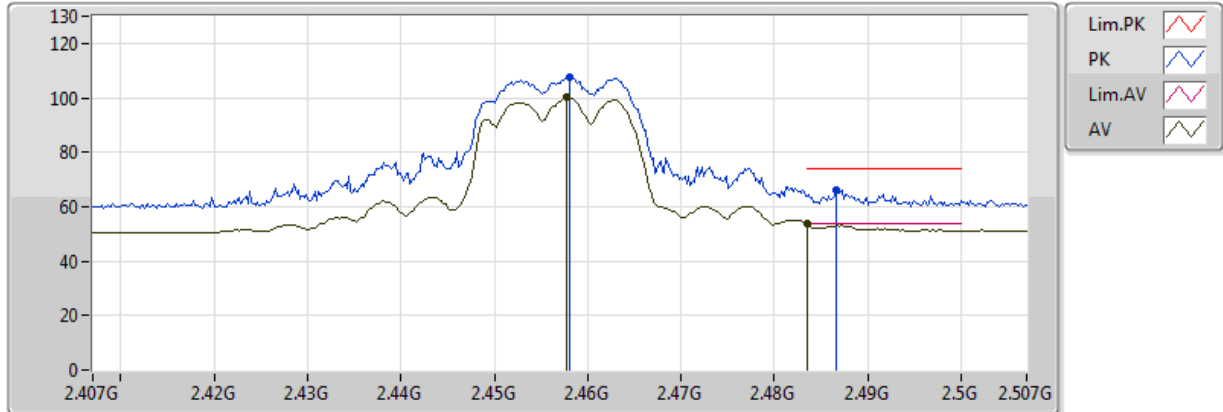


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.4584G      | 90.02             | Inf               | -Inf           | 35.24          | 3           | Vertical  | 213            | 3.20          | -        | 54.78         | 27.18      | 8.06       | -          |
| AV   | 2.4836G      | 52.09             | 54.00             | -1.91          | 35.36          | 3           | Vertical  | 213            | 3.20          | -        | 16.73         | 27.25      | 8.11       | -          |
| PK   | 2.4632G      | 98.44             | Inf               | -Inf           | 35.27          | 3           | Vertical  | 213            | 3.20          | -        | 63.17         | 27.20      | 8.07       | -          |
| PK   | 2.4838G      | 63.89             | 74.00             | -10.11         | 35.36          | 3           | Vertical  | 213            | 3.20          | -        | 28.53         | 27.25      | 8.11       | -          |

## 802.11g\_Nss1,(6Mbps)\_2TX

### 2457MHz\_TX

12/03/2018

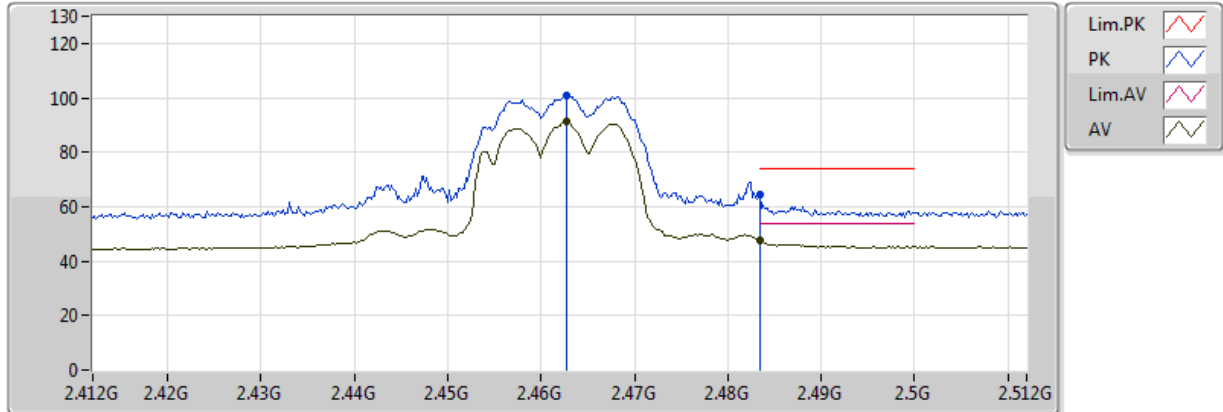


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.4578G      | 100.24            | Inf               | -Inf           | 35.24          | 3           | Horizontal | 238            | 1.00          | -        | 65.00         | 27.18      | 8.06       | -          |
| AV   | 2.483502G    | 53.62             | 54.00             | -0.38          | 35.36          | 3           | Horizontal | 238            | 1.00          | -        | 18.26         | 27.25      | 8.11       | -          |
| PK   | 2.458G       | 107.40            | Inf               | -Inf           | 35.24          | 3           | Horizontal | 238            | 1.00          | -        | 72.16         | 27.18      | 8.06       | -          |
| PK   | 2.4866G      | 65.98             | 74.00             | -8.02          | 35.37          | 3           | Horizontal | 238            | 1.00          | -        | 30.61         | 27.26      | 8.11       | -          |

## 802.11g\_Nss1,(6Mbps)\_2TX

## 2462MHz\_TX

12/03/2018

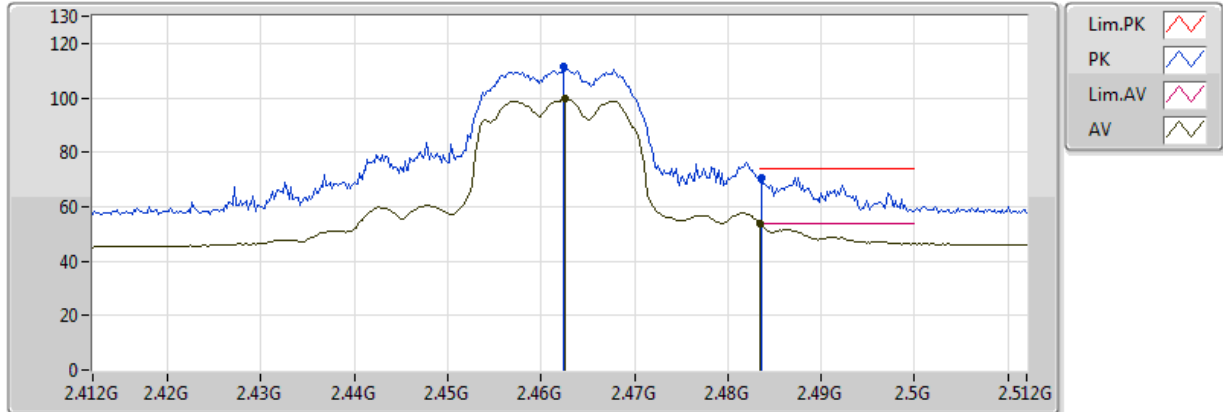


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.4628G      | 91.10             | Inf               | -Inf           | 30.82          | 3           | Vertical  | 228            | 2.17          | -        | 60.28         | 27.50      | 3.31       | -          |
| AV   | 2.483502G    | 47.78             | 54.00             | -6.22          | 30.89          | 3           | Vertical  | 228            | 2.17          | -        | 16.89         | 27.56      | 3.33       | -          |
| PK   | 2.4628G      | 100.99            | Inf               | -Inf           | 30.82          | 3           | Vertical  | 228            | 2.17          | -        | 70.17         | 27.50      | 3.31       | -          |
| PK   | 2.483502G    | 64.48             | 74.00             | -9.52          | 30.89          | 3           | Vertical  | 228            | 2.17          | -        | 33.59         | 27.56      | 3.33       | -          |

## 802.11g\_Nss1,(6Mbps)\_2TX

## 2462MHz\_TX

12/03/2018

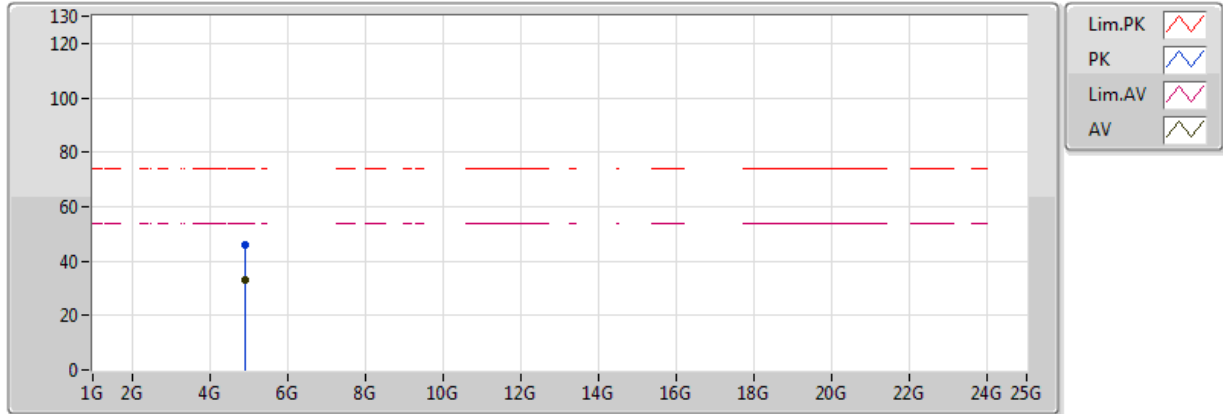


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.4626G      | 100.02            | Inf               | -Inf           | 30.82          | 3           | Horizontal | 241            | 1.19          | -        | 69.20         | 27.50      | 3.31       | -          |
| AV   | 2.483502G    | 53.80             | 54.00             | -0.20          | 30.89          | 3           | Horizontal | 241            | 1.19          | -        | 22.91         | 27.56      | 3.33       | -          |
| PK   | 2.4624G      | 111.62            | Inf               | -Inf           | 30.81          | 3           | Horizontal | 241            | 1.19          | -        | 80.81         | 27.50      | 3.31       | -          |
| PK   | 2.4836G      | 70.54             | 74.00             | -3.46          | 30.89          | 3           | Horizontal | 241            | 1.19          | -        | 39.65         | 27.56      | 3.33       | -          |

## 802.11g\_Nss1,(6Mbps)\_2TX

### 2462MHz\_TX

12/03/2018

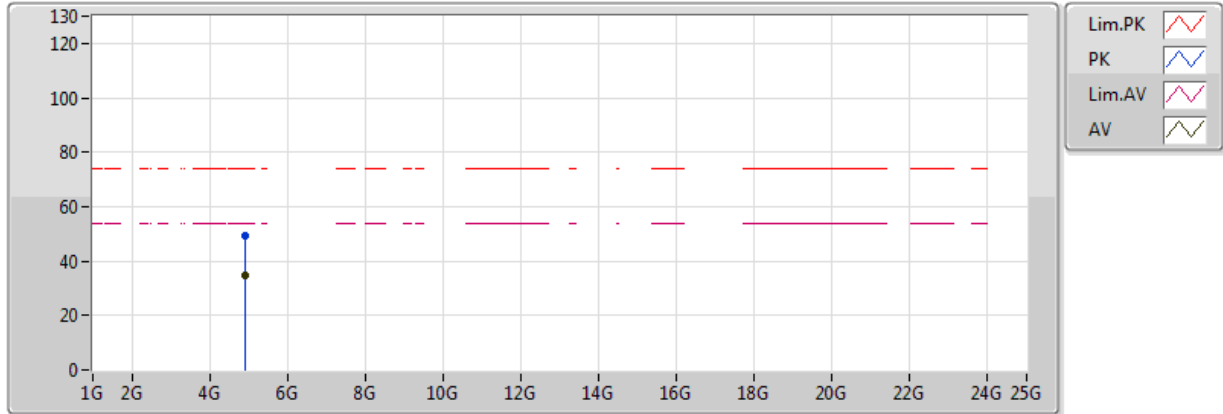


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 4.92491G     | 33.07             | 54.00             | -20.93         | 6.21           | 3           | Vertical  | 166            | 2.25          | -        | 26.86         | 31.46      | 4.57       | 29.83      |
| PK   | 4.92636G     | 45.99             | 74.00             | -28.01         | 6.22           | 3           | Vertical  | 166            | 2.25          | -        | 39.77         | 31.47      | 4.57       | 29.82      |

## 802.11g\_Nss1,(6Mbps)\_2TX

### 2462MHz\_TX

12/03/2018

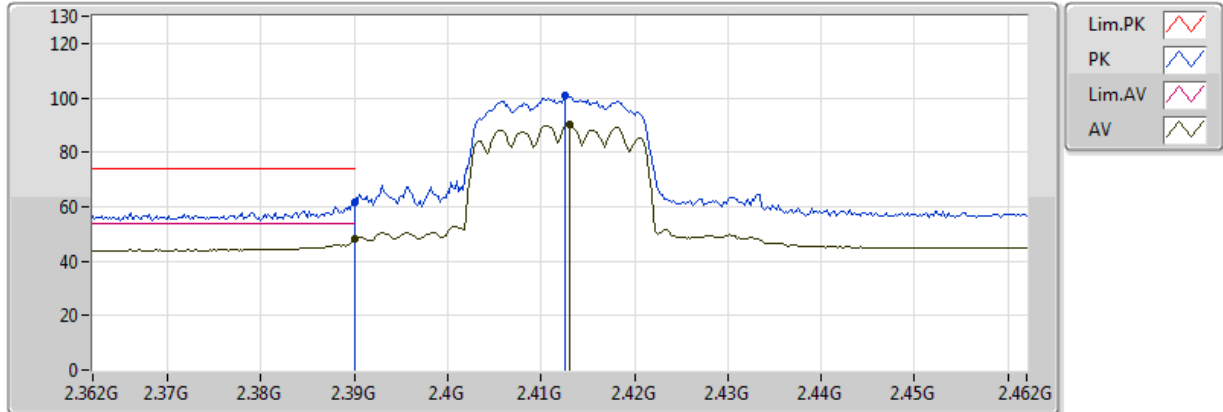


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 4.9254G      | 34.95             | 54.00             | -19.05         | 6.21           | 3           | Horizontal | 302            | 1.00          | -        | 28.74         | 31.47      | 4.57       | 29.82      |
| PK   | 4.92091G     | 49.14             | 74.00             | -24.86         | 6.20           | 3           | Horizontal | 302            | 1.00          | -        | 42.94         | 31.46      | 4.57       | 29.83      |

## 802.11n HT20\_Nss1,(MCS0)\_2TX

## 2412MHz\_TX

12/03/2018

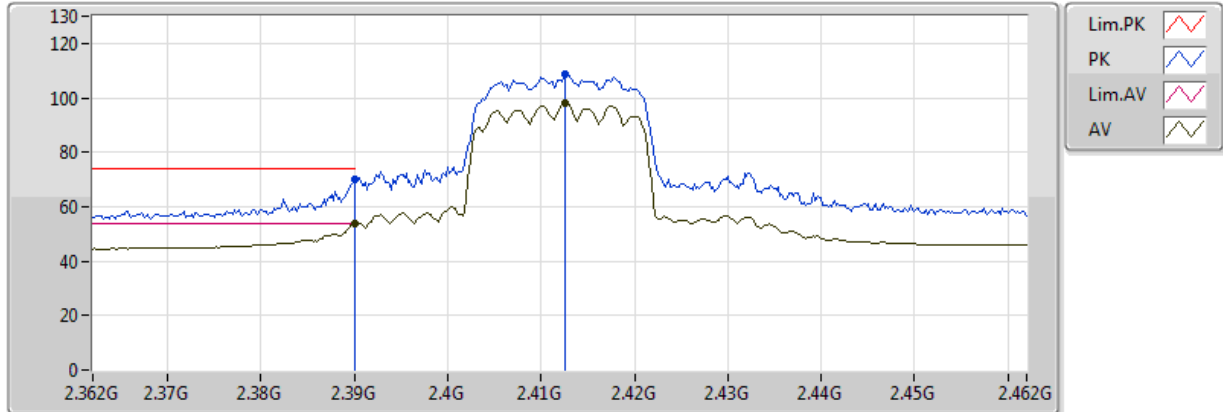


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.389998G    | 47.95             | 54.00             | -6.05          | 30.55          | 3           | Vertical  | 9              | 1.70          | -        | 17.40         | 27.31      | 3.24       | -          |
| AV   | 2.413G       | 90.49             | Inf               | -Inf           | 30.64          | 3           | Vertical  | 9              | 1.70          | -        | 59.85         | 27.37      | 3.26       | -          |
| PK   | 2.389998G    | 61.68             | 74.00             | -12.32         | 30.55          | 3           | Vertical  | 9              | 1.70          | -        | 31.13         | 27.31      | 3.24       | -          |
| PK   | 2.4126G      | 100.70            | Inf               | -Inf           | 30.64          | 3           | Vertical  | 9              | 1.70          | -        | 70.06         | 27.37      | 3.26       | -          |

## 802.11n HT20\_Nss1,(MCS0)\_2TX

### 2412MHz\_TX

12/03/2018

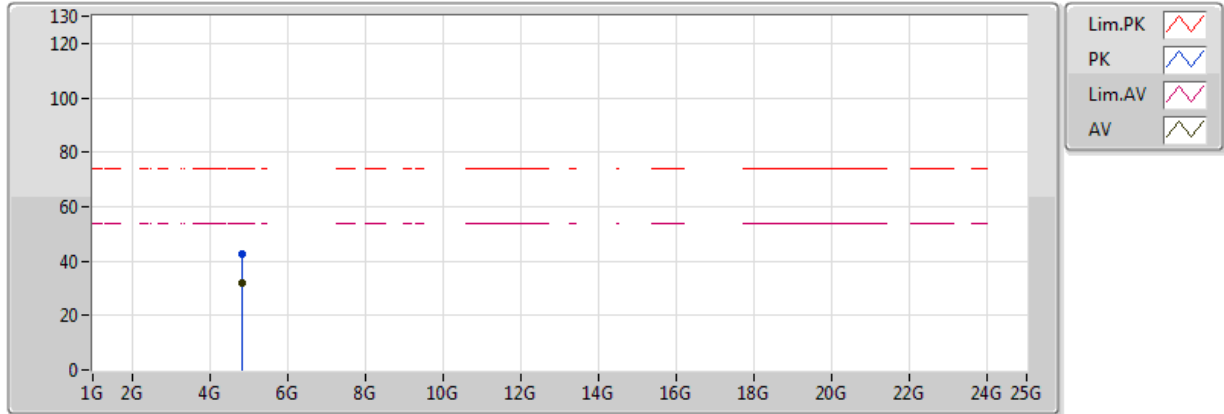


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.389998G    | 53.76             | 54.00             | -0.24          | 30.55          | 3           | Horizontal | 254            | 1.20          | -        | 23.21         | 27.31      | 3.24       | -          |
| AV   | 2.4126G      | 98.20             | Inf               | -Inf           | 30.64          | 3           | Horizontal | 254            | 1.20          | -        | 67.56         | 27.37      | 3.26       | -          |
| PK   | 2.389998G    | 69.93             | 74.00             | -4.07          | 30.55          | 3           | Horizontal | 254            | 1.20          | -        | 39.38         | 27.31      | 3.24       | -          |
| PK   | 2.4126G      | 108.74            | Inf               | -Inf           | 30.64          | 3           | Horizontal | 254            | 1.20          | -        | 78.10         | 27.37      | 3.26       | -          |

# 802.11n HT20\_Nss1,(MCS0)\_2TX

## 2412MHz\_TX

12/03/2018

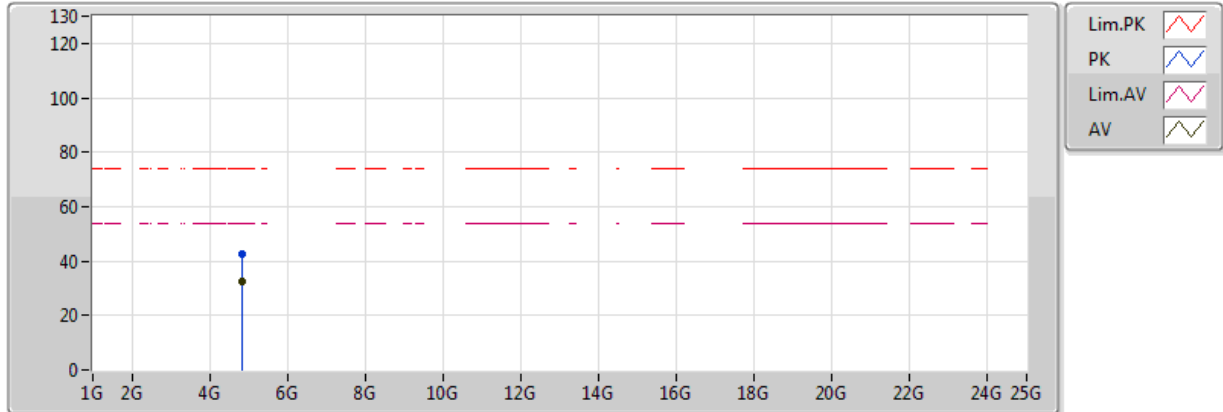


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 4.823082G    | 32.19             | 54.00             | -21.81         | 5.96           | 3           | Vertical  | 135            | 2.35          | -        | 26.23         | 31.28      | 4.52       | 29.85      |
| PK   | 4.823082G    | 42.83             | 74.00             | -31.17         | 5.96           | 3           | Vertical  | 135            | 2.35          | -        | 36.87         | 31.28      | 4.52       | 29.85      |

## 802.11n HT20\_Nss1,(MCS0)\_2TX

### 2412MHz\_TX

12/03/2018

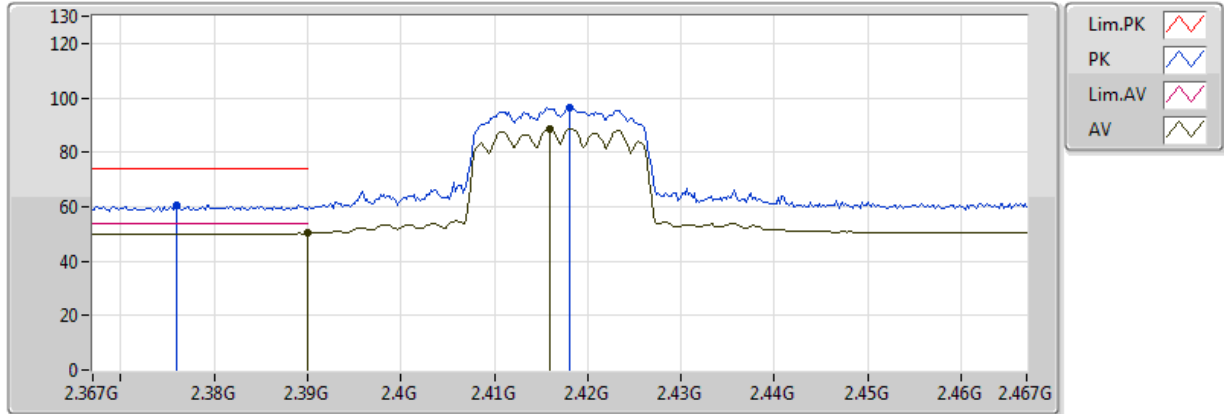


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 4.831226G    | 32.58             | 54.00             | -21.42         | 5.98           | 3           | Horizontal | 274            | 1.57          | -        | 26.60         | 31.30      | 4.53       | 29.84      |
| PK   | 4.831226G    | 42.53             | 74.00             | -31.47         | 5.98           | 3           | Horizontal | 274            | 1.57          | -        | 36.55         | 31.30      | 4.53       | 29.84      |

## 802.11n HT20\_Nss1,(MCS0)\_2TX

## 2417MHz\_TX

12/03/2018

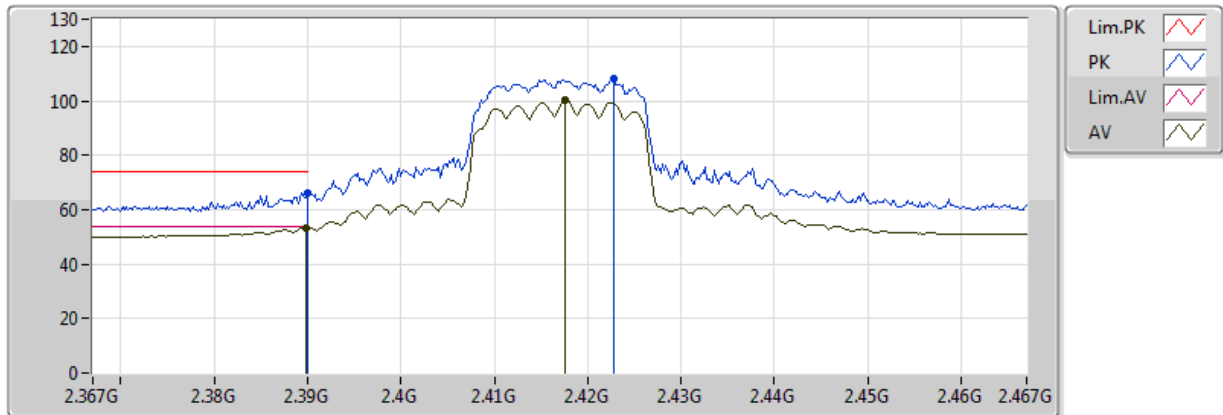


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.389998G    | 50.22             | 54.00             | -3.78          | 34.92          | 3           | Vertical  | 350            | 1.01          | -        | 15.30         | 26.99      | 7.93       | -          |
| AV   | 2.416G       | 88.57             | Inf               | -Inf           | 35.05          | 3           | Vertical  | 350            | 1.01          | -        | 53.52         | 27.06      | 7.98       | -          |
| PK   | 2.376G       | 60.64             | 74.00             | -13.36         | 34.85          | 3           | Vertical  | 350            | 1.01          | -        | 25.79         | 26.95      | 7.90       | -          |
| PK   | 2.418G       | 96.56             | Inf               | -Inf           | 35.05          | 3           | Vertical  | 350            | 1.01          | -        | 61.51         | 27.07      | 7.98       | -          |

## 802.11n HT20\_Nss1,(MCS0)\_2TX

### 2417MHz\_TX

12/03/2018

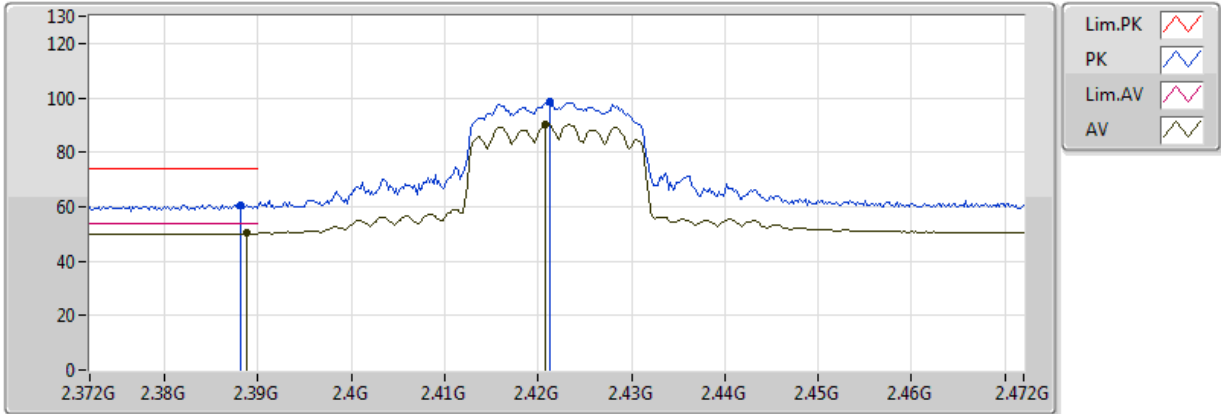


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.3898G      | 53.50             | 54.00             | -0.50          | 34.92          | 3           | Horizontal | 236            | 1.00          | -        | 18.58         | 26.99      | 7.93       | -          |
| AV   | 2.4176G      | 100.15            | Inf               | -Inf           | 35.05          | 3           | Horizontal | 236            | 1.00          | -        | 65.10         | 27.07      | 7.98       | -          |
| PK   | 2.389998G    | 66.34             | 74.00             | -7.66          | 34.92          | 3           | Horizontal | 236            | 1.00          | -        | 31.42         | 26.99      | 7.93       | -          |
| PK   | 2.4228G      | 107.98            | Inf               | -Inf           | 35.08          | 3           | Horizontal | 236            | 1.00          | -        | 72.90         | 27.08      | 7.99       | -          |

## 802.11n HT20\_Nss1,(MCS0)\_2TX

## 2422MHz\_TX

12/03/2018

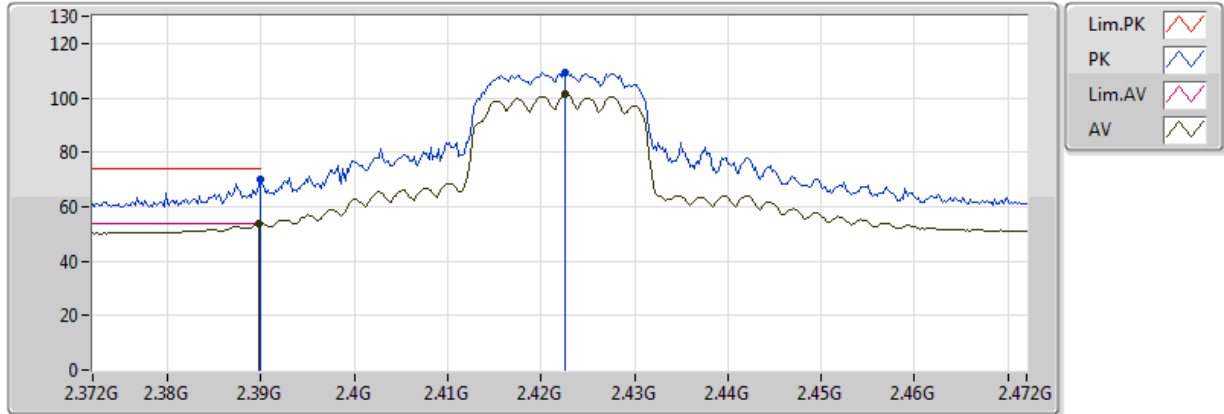


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.3888G      | 50.19             | 54.00             | -3.81          | 34.92          | 3           | Vertical  | 8              | 1.02          | -        | 15.27         | 26.99      | 7.93       | -          |
| AV   | 2.4208G      | 90.34             | Inf               | -Inf           | 35.07          | 3           | Vertical  | 8              | 1.02          | -        | 55.27         | 27.08      | 7.99       | -          |
| PK   | 2.3882G      | 60.71             | 74.00             | -13.29         | 34.92          | 3           | Vertical  | 8              | 1.02          | -        | 25.79         | 26.99      | 7.93       | -          |
| PK   | 2.4212G      | 98.83             | Inf               | -Inf           | 35.07          | 3           | Vertical  | 8              | 1.02          | -        | 63.76         | 27.08      | 7.99       | -          |

## 802.11n HT20\_Nss1,(MCS0)\_2TX

## 2422MHz\_TX

12/03/2018

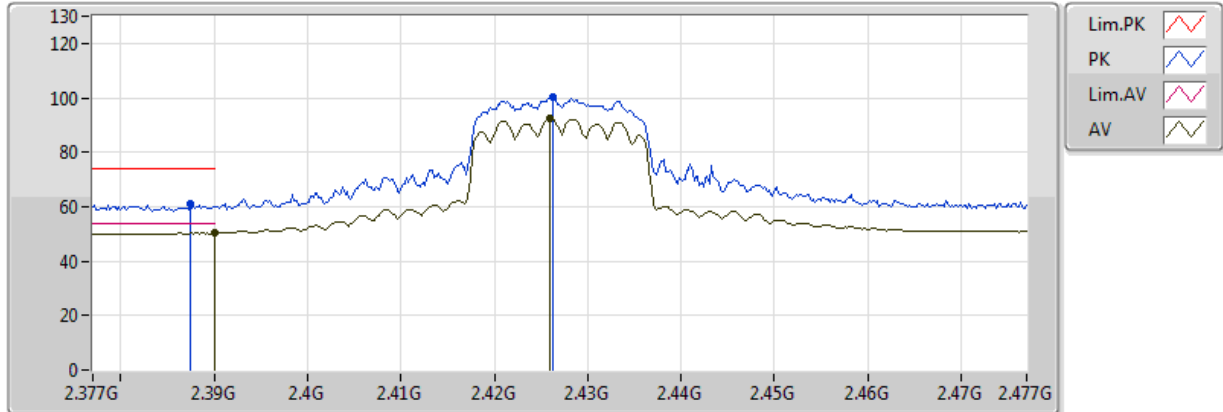


| Type | Freq      | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comments | Raw    | AF    | CL   | PA   |
|------|-----------|----------|----------|--------|--------|------|------------|---------|--------|----------|--------|-------|------|------|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |          | (dBuV) | (dB)  | (dB) | (dB) |
| AV   | 2.3898G   | 53.87    | 54.00    | -0.13  | 34.92  | 3    | Horizontal | 251     | 1.01   | -        | 18.95  | 26.99 | 7.93 | -    |
| AV   | 2.4226G   | 101.54   | Inf      | -Inf   | 35.08  | 3    | Horizontal | 251     | 1.01   | -        | 66.46  | 27.08 | 7.99 | -    |
| PK   | 2.389998G | 70.21    | 74.00    | -3.79  | 34.92  | 3    | Horizontal | 251     | 1.01   | -        | 35.29  | 26.99 | 7.93 | -    |
| PK   | 2.4226G   | 109.46   | Inf      | -Inf   | 35.08  | 3    | Horizontal | 251     | 1.01   | -        | 74.38  | 27.08 | 7.99 | -    |

## 802.11n HT20\_Nss1,(MCS0)\_2TX

## 2427MHz\_TX

12/03/2018

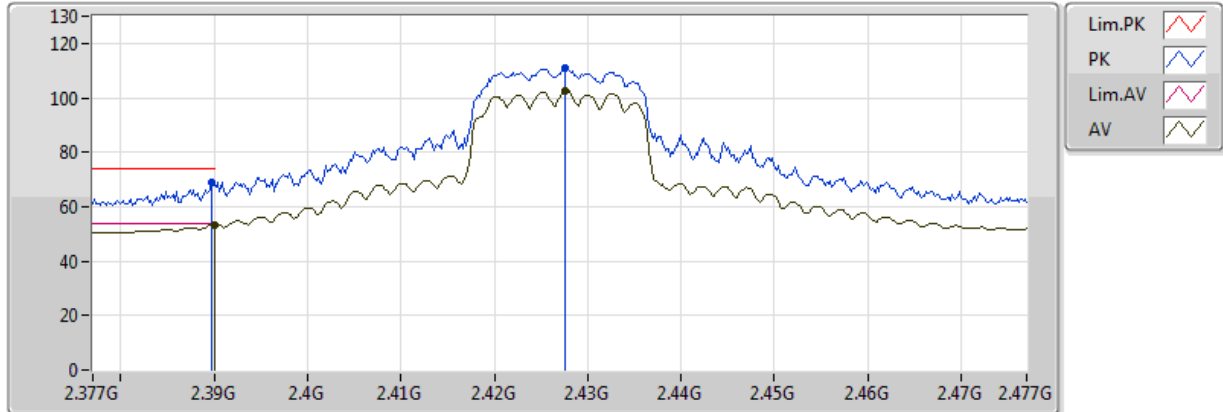


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.389998G    | 50.34             | 54.00             | -3.66          | 34.92          | 3           | Vertical  | 7              | 1.04          | -        | 15.42         | 26.99      | 7.93       | -          |
| AV   | 2.426G       | 92.51             | Inf               | -Inf           | 35.09          | 3           | Vertical  | 7              | 1.04          | -        | 57.42         | 27.09      | 8.00       | -          |
| PK   | 2.3874G      | 60.80             | 74.00             | -13.20         | 34.91          | 3           | Vertical  | 7              | 1.04          | -        | 25.89         | 26.98      | 7.93       | -          |
| PK   | 2.4262G      | 100.29            | Inf               | -Inf           | 35.09          | 3           | Vertical  | 7              | 1.04          | -        | 65.20         | 27.09      | 8.00       | -          |

## 802.11n HT20\_Nss1,(MCS0)\_2TX

### 2427MHz\_TX

12/03/2018

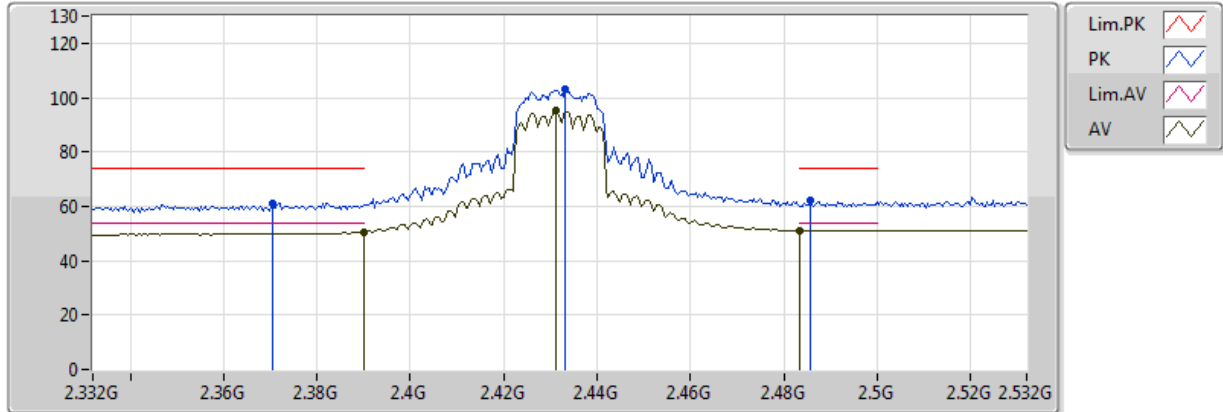


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.389998G    | 53.39             | 54.00             | -0.61          | 34.92          | 3           | Horizontal | 251            | 1.01          | -        | 18.47         | 26.99      | 7.93       | -          |
| AV   | 2.4276G      | 102.70            | Inf               | -Inf           | 35.10          | 3           | Horizontal | 251            | 1.01          | -        | 67.60         | 27.10      | 8.00       | -          |
| PK   | 2.3898G      | 69.16             | 74.00             | -4.84          | 34.92          | 3           | Horizontal | 251            | 1.01          | -        | 34.24         | 26.99      | 7.93       | -          |
| PK   | 2.4276G      | 110.72            | Inf               | -Inf           | 35.10          | 3           | Horizontal | 251            | 1.01          | -        | 75.62         | 27.10      | 8.00       | -          |

## 802.11n HT20\_Nss1,(MCS0)\_2TX

## 2432MHz\_TX

12/03/2018

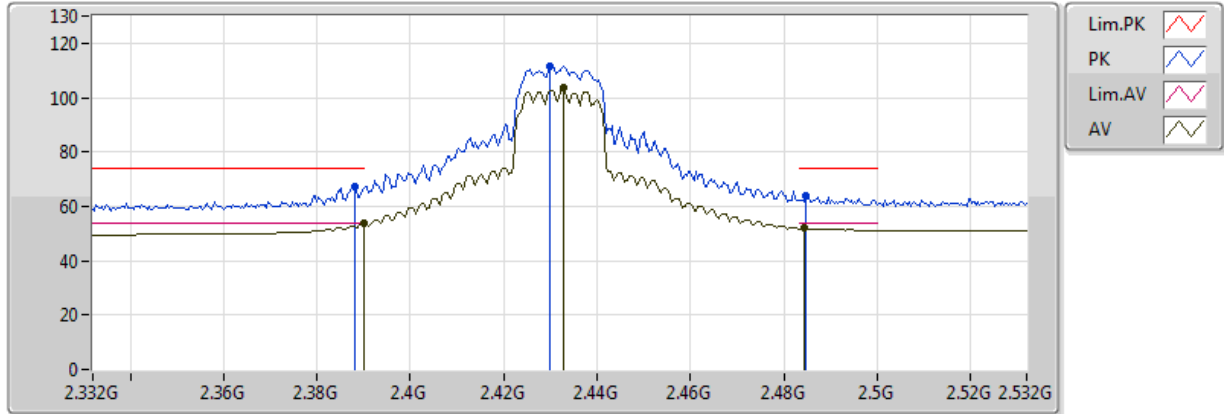


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.389998G    | 50.68             | 54.00             | -3.32          | 34.92          | 3           | Vertical  | 10             | 1.02          | -        | 15.76         | 26.99      | 7.93       | -          |
| AV   | 2.4312G      | 95.24             | Inf               | -Inf           | 35.12          | 3           | Vertical  | 10             | 1.02          | -        | 60.12         | 27.11      | 8.01       | -          |
| AV   | 2.483502G    | 51.14             | 54.00             | -2.86          | 35.36          | 3           | Vertical  | 10             | 1.02          | -        | 15.78         | 27.25      | 8.11       | -          |
| PK   | 2.3704G      | 61.35             | 74.00             | -12.65         | 34.83          | 3           | Vertical  | 10             | 1.02          | -        | 26.52         | 26.94      | 7.89       | -          |
| PK   | 2.4332G      | 102.88            | Inf               | -Inf           | 35.13          | 3           | Vertical  | 10             | 1.02          | -        | 67.75         | 27.11      | 8.01       | -          |
| PK   | 2.4856G      | 61.97             | 74.00             | -12.03         | 35.37          | 3           | Vertical  | 10             | 1.02          | -        | 26.60         | 27.26      | 8.11       | -          |

## 802.11n HT20\_Nss1,(MCS0)\_2TX

## 2432MHz\_TX

12/03/2018

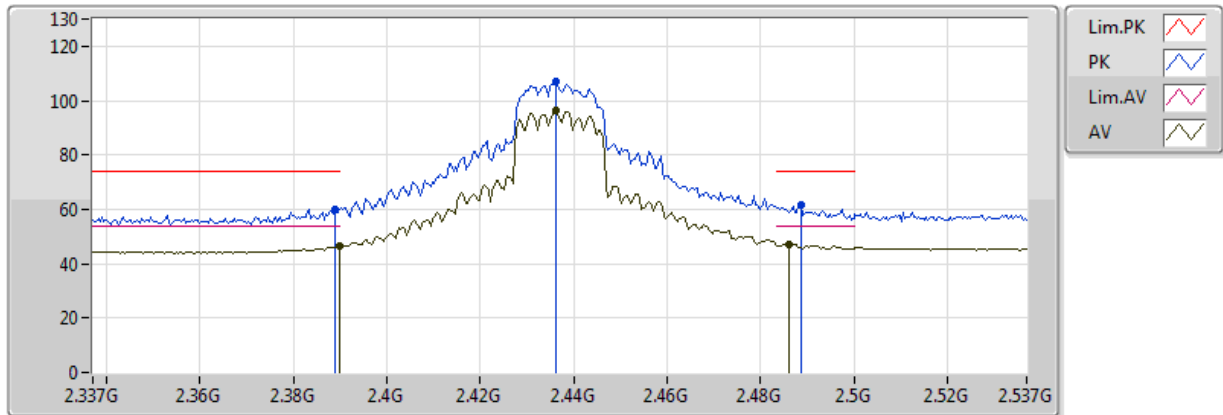


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.389998G    | 53.87             | 54.00             | -0.13          | 34.92          | 3           | Horizontal | 252            | 1.01          | -        | 18.95         | 26.99      | 7.93       | -          |
| AV   | 2.4328G      | 103.44            | Inf               | -Inf           | 35.12          | 3           | Horizontal | 252            | 1.01          | -        | 68.32         | 27.11      | 8.01       | -          |
| AV   | 2.4844G      | 51.94             | 54.00             | -2.06          | 35.37          | 3           | Horizontal | 252            | 1.01          | -        | 16.57         | 27.26      | 8.11       | -          |
| PK   | 2.388G       | 67.02             | 74.00             | -6.98          | 34.92          | 3           | Horizontal | 252            | 1.01          | -        | 32.10         | 26.99      | 7.93       | -          |
| PK   | 2.43G        | 111.65            | Inf               | -Inf           | 35.11          | 3           | Horizontal | 252            | 1.01          | -        | 76.54         | 27.10      | 8.01       | -          |
| PK   | 2.4848G      | 63.99             | 74.00             | -10.01         | 35.37          | 3           | Horizontal | 252            | 1.01          | -        | 28.62         | 27.26      | 8.11       | -          |

# 802.11n HT20\_Nss1,(MCS0)\_2TX

## 2437MHz\_TX

12/03/2018

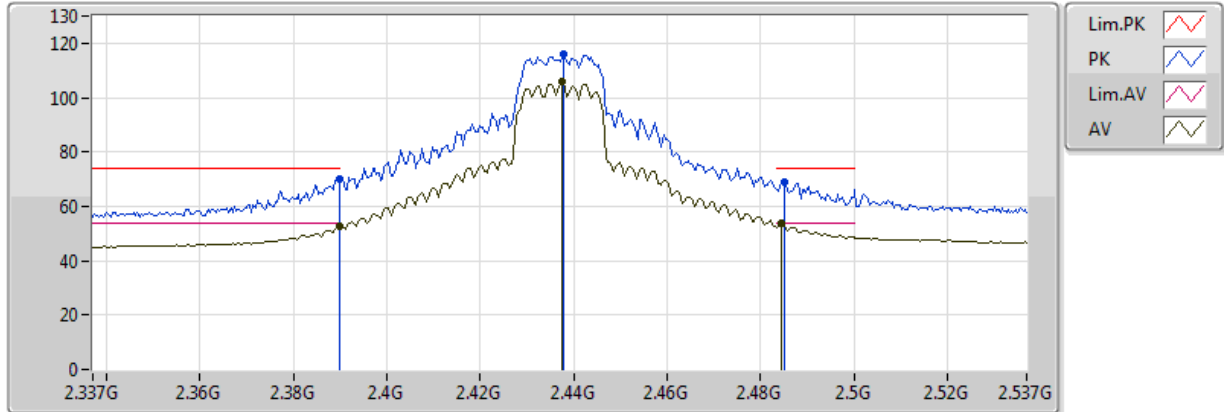


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.3898G      | 46.36             | 54.00             | -7.64          | 30.55          | 3           | Vertical  | 11             | 1.09          | -        | 15.81         | 27.31      | 3.24       | -          |
| AV   | 2.4362G      | 96.36             | Inf               | -Inf           | 30.72          | 3           | Vertical  | 11             | 1.09          | -        | 65.64         | 27.43      | 3.29       | -          |
| AV   | 2.4862G      | 47.33             | 54.00             | -6.67          | 30.90          | 3           | Vertical  | 11             | 1.09          | -        | 16.43         | 27.56      | 3.34       | -          |
| PK   | 2.389G       | 59.95             | 74.00             | -14.05         | 30.55          | 3           | Vertical  | 11             | 1.09          | -        | 29.40         | 27.31      | 3.24       | -          |
| PK   | 2.4362G      | 106.99            | Inf               | -Inf           | 30.72          | 3           | Vertical  | 11             | 1.09          | -        | 76.27         | 27.43      | 3.29       | -          |
| PK   | 2.4886G      | 61.45             | 74.00             | -12.55         | 30.91          | 3           | Vertical  | 11             | 1.09          | -        | 30.54         | 27.57      | 3.34       | -          |

## 802.11n HT20\_Nss1,(MCS0)\_2TX

## 2437MHz\_TX

12/03/2018

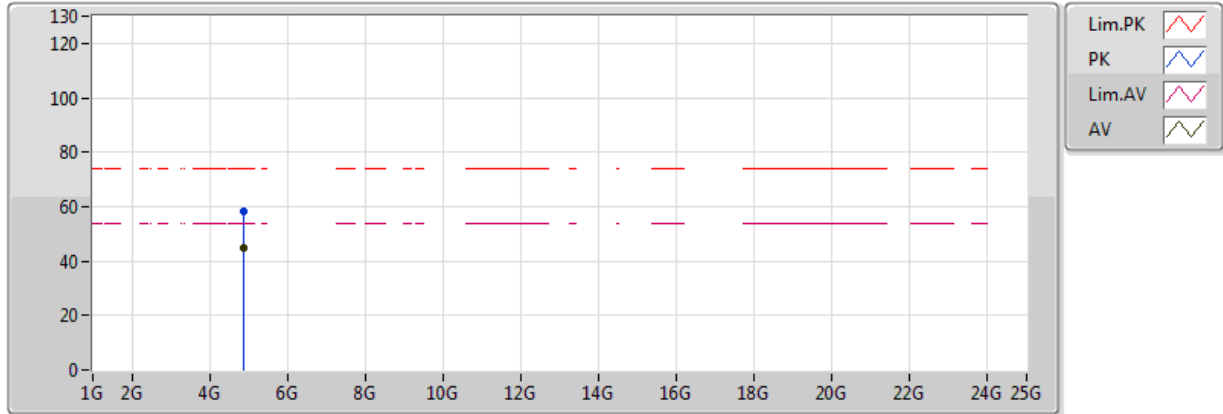


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.3898G      | 52.61             | 54.00             | -1.39          | 30.55          | 3           | Horizontal | 248            | 1.02          | -        | 22.06         | 27.31      | 3.24       | -          |
| AV   | 2.4374G      | 105.96            | Inf               | -Inf           | 30.72          | 3           | Horizontal | 248            | 1.02          | -        | 75.24         | 27.44      | 3.29       | -          |
| AV   | 2.4846G      | 53.61             | 54.00             | -0.39          | 30.89          | 3           | Horizontal | 248            | 1.02          | -        | 22.72         | 27.56      | 3.33       | -          |
| PK   | 2.3898G      | 69.80             | 74.00             | -4.20          | 30.55          | 3           | Horizontal | 248            | 1.02          | -        | 39.25         | 27.31      | 3.24       | -          |
| PK   | 2.4378G      | 116.11            | Inf               | -Inf           | 30.73          | 3           | Horizontal | 248            | 1.02          | -        | 85.38         | 27.44      | 3.29       | -          |
| PK   | 2.485G       | 68.74             | 74.00             | -5.26          | 30.89          | 3           | Horizontal | 248            | 1.02          | -        | 37.85         | 27.56      | 3.33       | -          |

## 802.11n HT20\_Nss1,(MCS0)\_2TX

### 2437MHz\_TX

12/03/2018

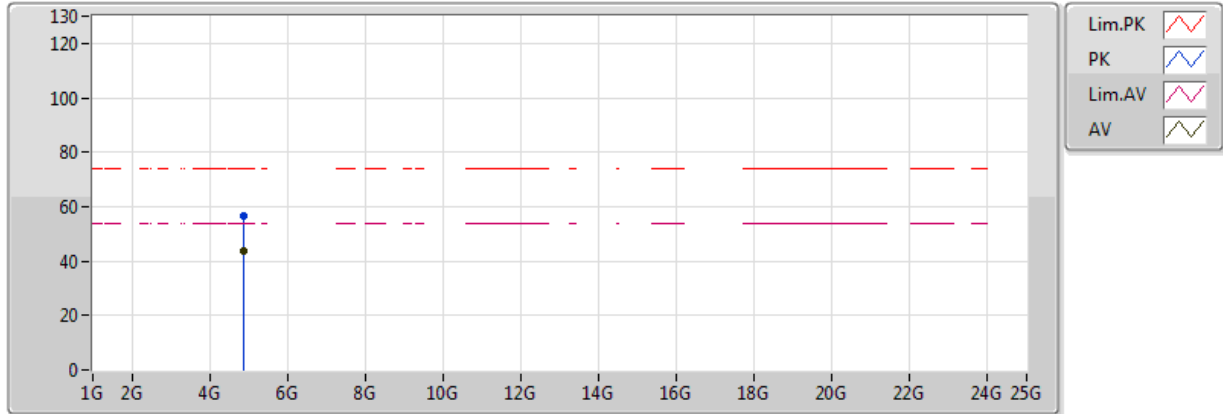


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 4.8741G      | 44.83             | 54.00             | -9.17          | 6.09           | 3           | Vertical  | 165            | 1.13          | -        | 38.74         | 31.37      | 4.55       | 29.84      |
| PK   | 4.8741G      | 58.08             | 74.00             | -15.92         | 6.09           | 3           | Vertical  | 165            | 1.13          | -        | 51.99         | 31.37      | 4.55       | 29.84      |

## 802.11n HT20\_Nss1,(MCS0)\_2TX

### 2437MHz\_TX

12/03/2018

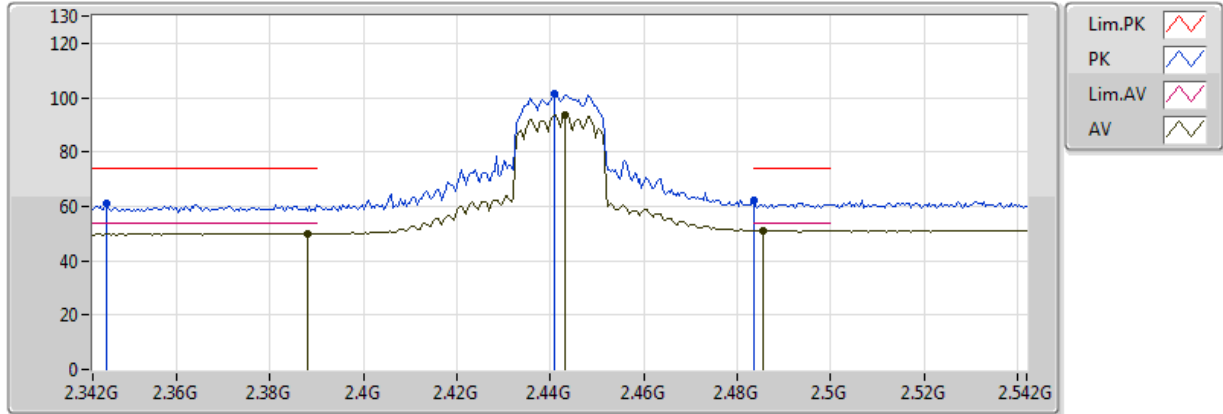


| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comments | Raw    | AF    | CL   | PA    |
|------|---------|----------|----------|--------|--------|------|------------|---------|--------|----------|--------|-------|------|-------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |          | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 4.8741G | 43.71    | 54.00    | -10.29 | 6.09   | 3    | Horizontal | 300     | 1.02   | -        | 37.62  | 31.37 | 4.55 | 29.84 |
| PK   | 4.8741G | 56.35    | 74.00    | -17.65 | 6.09   | 3    | Horizontal | 300     | 1.02   | -        | 50.26  | 31.37 | 4.55 | 29.84 |

## 802.11n HT20\_Nss1,(MCS0)\_2TX

## 2442MHz\_TX

12/03/2018

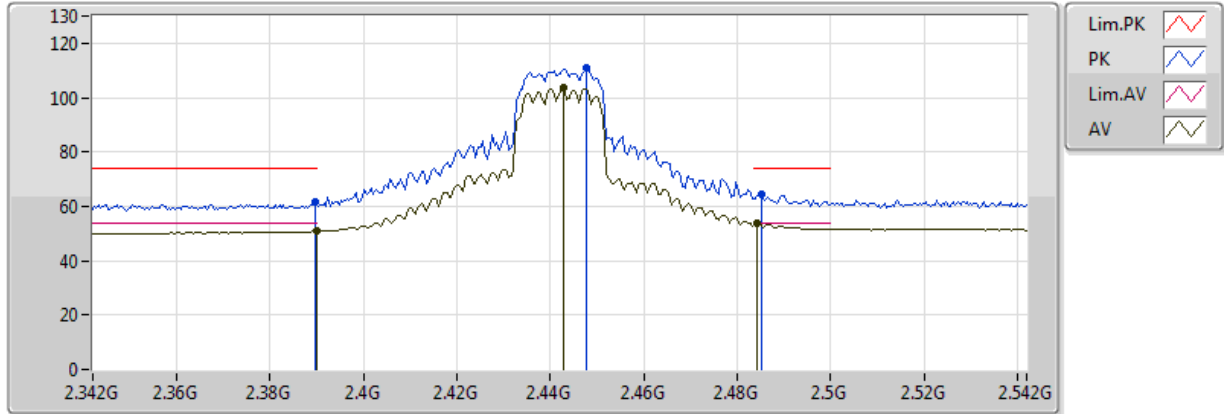


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.388G       | 49.99             | 54.00             | -4.01          | 34.92          | 3           | Vertical  | 52             | 1.01          | -        | 15.07         | 26.99      | 7.93       | -          |
| AV   | 2.4432G      | 93.79             | Inf               | -Inf           | 35.17          | 3           | Vertical  | 52             | 1.01          | -        | 58.62         | 27.14      | 8.03       | -          |
| AV   | 2.4856G      | 51.12             | 54.00             | -2.88          | 35.37          | 3           | Vertical  | 52             | 1.01          | -        | 15.75         | 27.26      | 8.11       | -          |
| PK   | 2.3448G      | 60.88             | 74.00             | -13.12         | 34.72          | 3           | Vertical  | 52             | 1.01          | -        | 26.16         | 26.87      | 7.85       | -          |
| PK   | 2.4408G      | 101.60            | Inf               | -Inf           | 35.16          | 3           | Vertical  | 52             | 1.01          | -        | 66.44         | 27.13      | 8.03       | -          |
| PK   | 2.483502G    | 62.42             | 74.00             | -11.58         | 35.36          | 3           | Vertical  | 52             | 1.01          | -        | 27.06         | 27.25      | 8.11       | -          |

## 802.11n HT20\_Nss1,(MCS0)\_2TX

## 2442MHz\_TX

12/03/2018

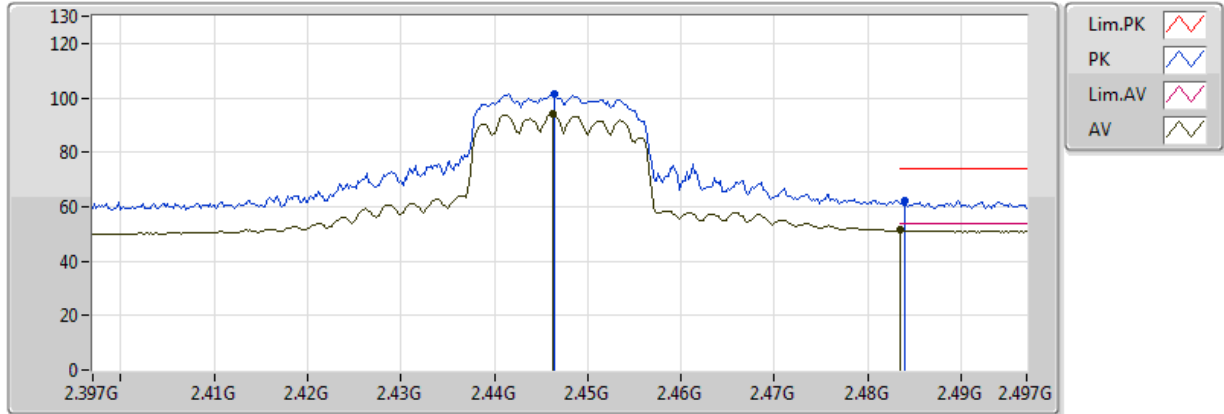


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.389998G    | 50.79             | 54.00             | -3.21          | 34.92          | 3           | Horizontal | 242            | 1.00          | -        | 15.87         | 26.99      | 7.93       | -          |
| AV   | 2.4428G      | 103.73            | Inf               | -Inf           | 35.17          | 3           | Horizontal | 242            | 1.00          | -        | 68.56         | 27.14      | 8.03       | -          |
| AV   | 2.4844G      | 53.54             | 54.00             | -0.46          | 35.37          | 3           | Horizontal | 242            | 1.00          | -        | 18.17         | 27.26      | 8.11       | -          |
| PK   | 2.3896G      | 61.66             | 74.00             | -12.34         | 34.92          | 3           | Horizontal | 242            | 1.00          | -        | 26.74         | 26.99      | 7.93       | -          |
| PK   | 2.4476G      | 110.67            | Inf               | -Inf           | 35.19          | 3           | Horizontal | 242            | 1.00          | -        | 75.48         | 27.15      | 8.04       | -          |
| PK   | 2.4852G      | 64.22             | 74.00             | -9.78          | 35.37          | 3           | Horizontal | 242            | 1.00          | -        | 28.85         | 27.26      | 8.11       | -          |

## 802.11n HT20\_Nss1,(MCS0)\_2TX

## 2447MHz\_TX

12/03/2018

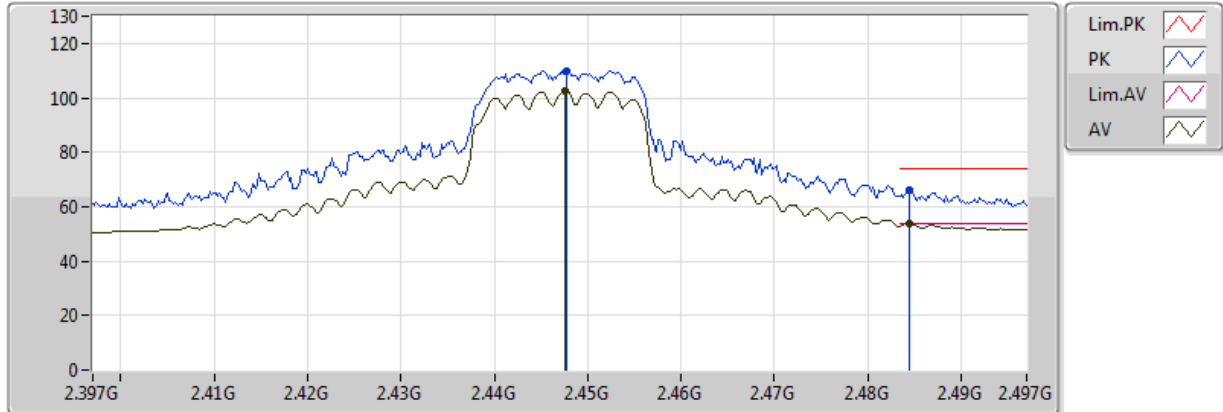


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.4462G      | 94.09             | Inf               | -Inf           | 35.19          | 3           | Vertical  | 328            | 1.02          | -        | 58.90         | 27.15      | 8.04       | -          |
| AV   | 2.483502G    | 51.33             | 54.00             | -2.67          | 35.36          | 3           | Vertical  | 328            | 1.02          | -        | 15.97         | 27.25      | 8.11       | -          |
| PK   | 2.4464G      | 101.50            | Inf               | -Inf           | 35.19          | 3           | Vertical  | 328            | 1.02          | -        | 66.31         | 27.15      | 8.04       | -          |
| PK   | 2.484G       | 62.07             | 74.00             | -11.93         | 35.37          | 3           | Vertical  | 328            | 1.02          | -        | 26.70         | 27.26      | 8.11       | -          |

## 802.11n HT20\_Nss1,(MCS0)\_2TX

## 2447MHz\_TX

12/03/2018

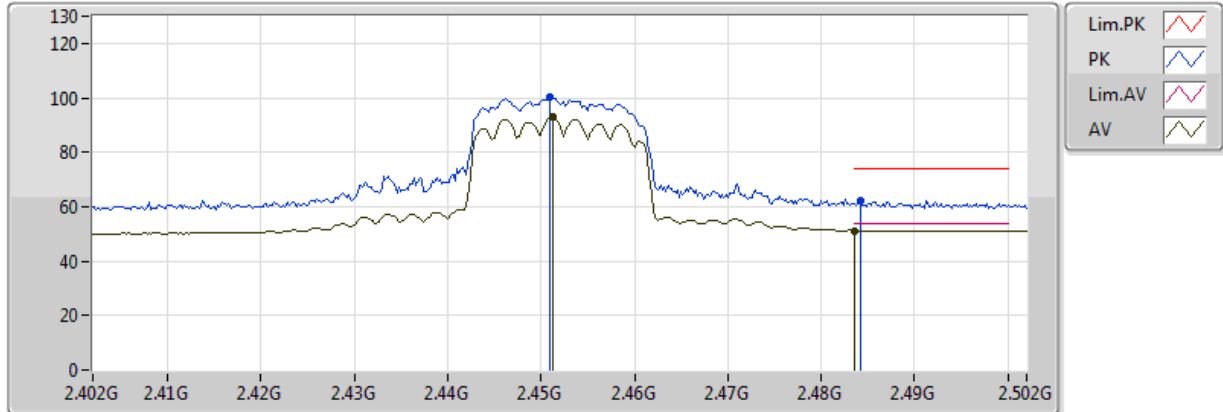


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.4476G      | 102.76            | Inf               | -Inf           | 35.19          | 3           | Horizontal | 243            | 1.00          | -        | 67.57         | 27.15      | 8.04       | -          |
| AV   | 2.4844G      | 53.66             | 54.00             | -0.34          | 35.37          | 3           | Horizontal | 243            | 1.00          | -        | 18.29         | 27.26      | 8.11       | -          |
| PK   | 2.4478G      | 109.86            | Inf               | -Inf           | 35.19          | 3           | Horizontal | 243            | 1.00          | -        | 74.67         | 27.15      | 8.04       | -          |
| PK   | 2.4844G      | 66.21             | 74.00             | -7.79          | 35.37          | 3           | Horizontal | 243            | 1.00          | -        | 30.84         | 27.26      | 8.11       | -          |

## 802.11n HT20\_Nss1,(MCS0)\_2TX

### 2452MHz\_TX

12/03/2018

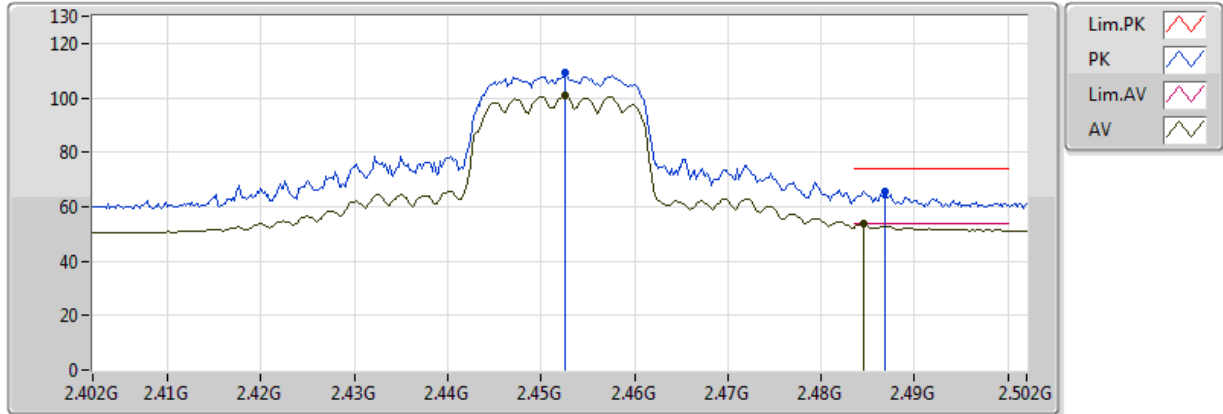


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.4512G      | 92.94             | Inf               | -Inf           | 35.21          | 3           | Vertical  | 327            | 1.07          | -        | 57.73         | 27.16      | 8.05       | -          |
| AV   | 2.483502G    | 51.23             | 54.00             | -2.77          | 35.36          | 3           | Vertical  | 327            | 1.07          | -        | 15.87         | 27.25      | 8.11       | -          |
| PK   | 2.451G       | 100.03            | Inf               | -Inf           | 35.21          | 3           | Vertical  | 327            | 1.07          | -        | 64.82         | 27.16      | 8.05       | -          |
| PK   | 2.4842G      | 62.02             | 74.00             | -11.98         | 35.37          | 3           | Vertical  | 327            | 1.07          | -        | 26.65         | 27.26      | 8.11       | -          |

## 802.11n HT20\_Nss1,(MCS0)\_2TX

## 2452MHz\_TX

12/03/2018

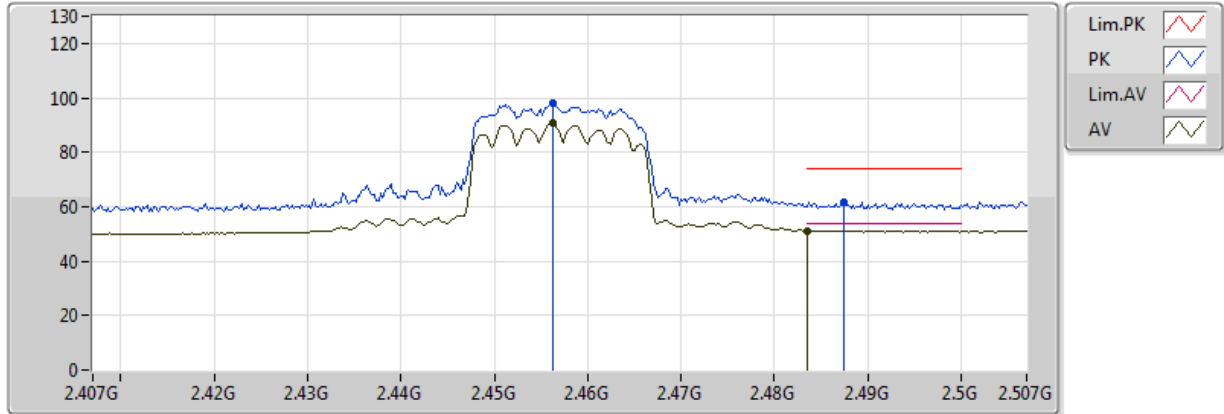


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.4526G      | 100.92            | Inf               | -Inf           | 35.22          | 3           | Horizontal | 244            | 1.00          | -        | 65.70         | 27.17      | 8.05       | -          |
| AV   | 2.4846G      | 53.63             | 54.00             | -0.37          | 35.37          | 3           | Horizontal | 244            | 1.00          | -        | 18.26         | 27.26      | 8.11       | -          |
| PK   | 2.4526G      | 109.01            | Inf               | -Inf           | 35.22          | 3           | Horizontal | 244            | 1.00          | -        | 73.79         | 27.17      | 8.05       | -          |
| PK   | 2.4868G      | 65.45             | 74.00             | -8.55          | 35.37          | 3           | Horizontal | 244            | 1.00          | -        | 30.08         | 27.26      | 8.11       | -          |

## 802.11n HT20\_Nss1,(MCS0)\_2TX

## 2457MHz\_TX

12/03/2018

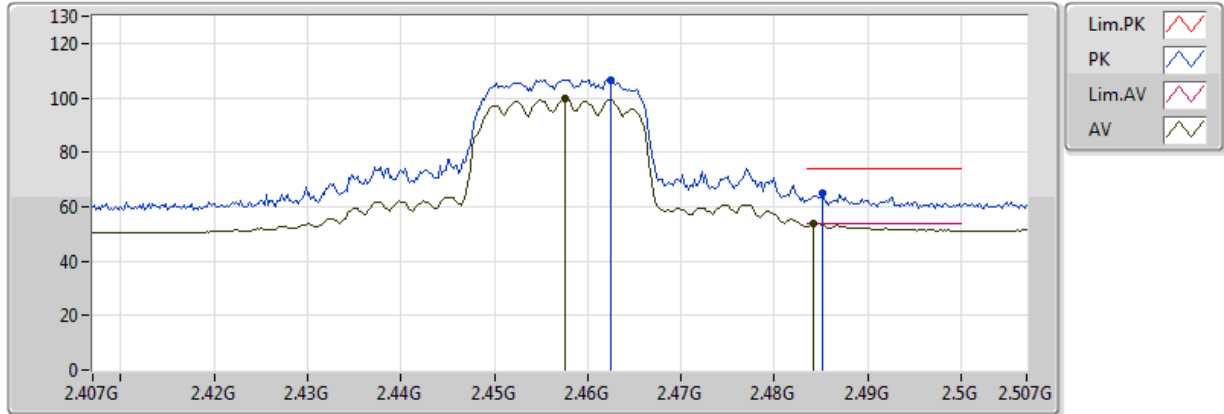


| Type | Freq      | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comments | Raw    | AF    | CL   | PA   |
|------|-----------|----------|----------|--------|--------|------|-----------|---------|--------|----------|--------|-------|------|------|
|      | (Hz)      | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |          | (dBuV) | (dB)  | (dB) | (dB) |
| AV   | 2.4562G   | 90.61    | Inf      | -Inf   | 35.23  | 3    | Vertical  | 332     | 1.02   | -        | 55.38  | 27.18 | 8.06 | -    |
| AV   | 2.483502G | 51.25    | 54.00    | -2.75  | 35.36  | 3    | Vertical  | 332     | 1.02   | -        | 15.89  | 27.25 | 8.11 | -    |
| PK   | 2.4562G   | 98.10    | Inf      | -Inf   | 35.23  | 3    | Vertical  | 332     | 1.02   | -        | 62.87  | 27.18 | 8.06 | -    |
| PK   | 2.4874G   | 61.76    | 74.00    | -12.24 | 35.38  | 3    | Vertical  | 332     | 1.02   | -        | 26.38  | 27.26 | 8.12 | -    |

## 802.11n HT20\_Nss1,(MCS0)\_2TX

## 2457MHz\_TX

12/03/2018

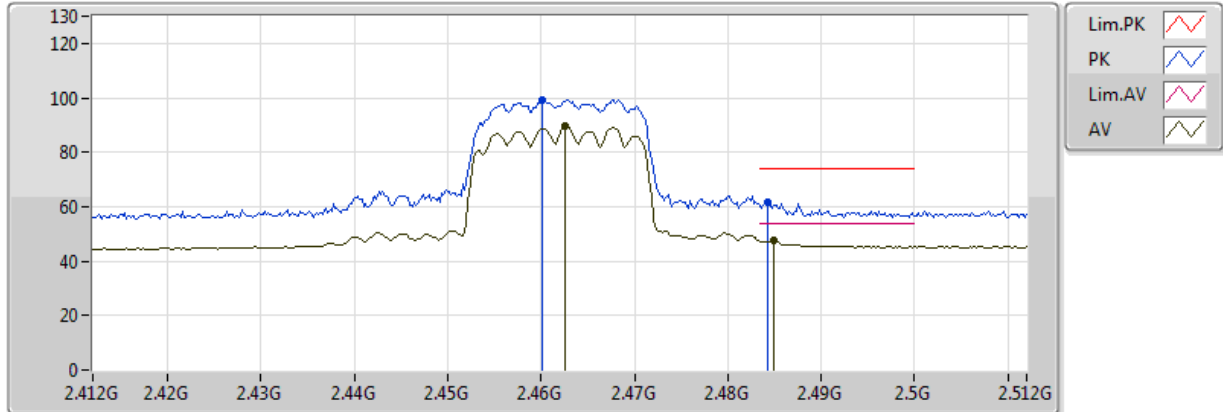


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.4576G      | 99.77             | Inf               | -Inf           | 35.24          | 3           | Horizontal | 247            | 1.00          | -        | 64.53         | 27.18      | 8.06       | -          |
| AV   | 2.4842G      | 53.86             | 54.00             | -0.14          | 35.37          | 3           | Horizontal | 247            | 1.00          | -        | 18.49         | 27.26      | 8.11       | -          |
| PK   | 2.4624G      | 106.73            | Inf               | -Inf           | 35.26          | 3           | Horizontal | 247            | 1.00          | -        | 71.47         | 27.19      | 8.07       | -          |
| PK   | 2.4852G      | 64.78             | 74.00             | -9.22          | 35.37          | 3           | Horizontal | 247            | 1.00          | -        | 29.41         | 27.26      | 8.11       | -          |

## 802.11n HT20\_Nss1,(MCS0)\_2TX

### 2462MHz\_TX

12/03/2018

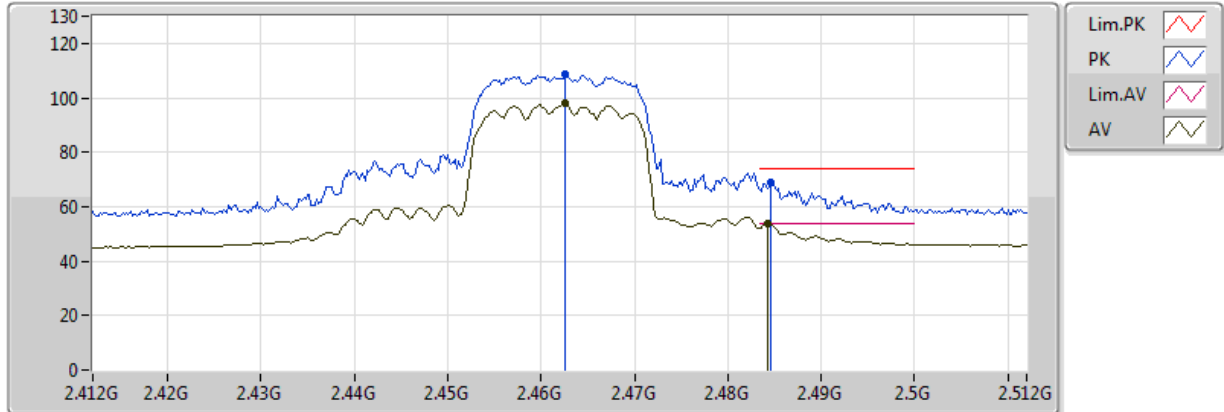


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.4626G      | 89.52             | Inf               | -Inf           | 30.82          | 3           | Vertical  | 227            | 2.61          | -        | 58.70         | 27.50      | 3.31       | -          |
| AV   | 2.485G       | 47.51             | 54.00             | -6.49          | 30.89          | 3           | Vertical  | 227            | 2.61          | -        | 16.62         | 27.56      | 3.33       | -          |
| PK   | 2.4602G      | 99.37             | Inf               | -Inf           | 30.81          | 3           | Vertical  | 227            | 2.61          | -        | 68.56         | 27.50      | 3.31       | -          |
| PK   | 2.4842G      | 61.71             | 74.00             | -12.29         | 30.89          | 3           | Vertical  | 227            | 2.61          | -        | 30.82         | 27.56      | 3.33       | -          |

## 802.11n HT20\_Nss1,(MCS0)\_2TX

## 2462MHz\_TX

12/03/2018

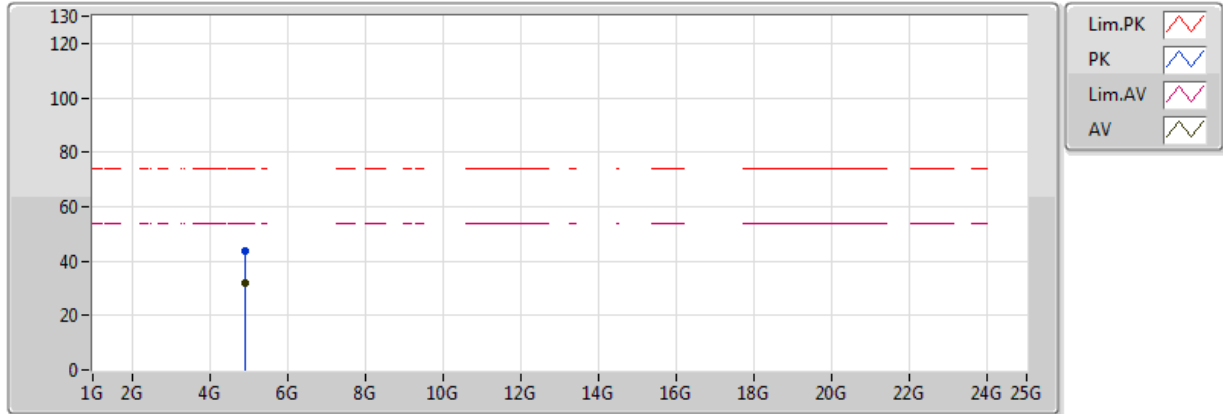


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.4626G      | 97.81             | Inf               | -Inf           | 30.82          | 3           | Horizontal | 242            | 1.22          | -        | 66.99         | 27.50      | 3.31       | -          |
| AV   | 2.4842G      | 53.72             | 54.00             | -0.28          | 30.89          | 3           | Horizontal | 242            | 1.22          | -        | 22.83         | 27.56      | 3.33       | -          |
| PK   | 2.4626G      | 108.63            | Inf               | -Inf           | 30.82          | 3           | Horizontal | 242            | 1.22          | -        | 77.81         | 27.50      | 3.31       | -          |
| PK   | 2.4846G      | 68.91             | 74.00             | -5.09          | 30.89          | 3           | Horizontal | 242            | 1.22          | -        | 38.02         | 27.56      | 3.33       | -          |

## 802.11n HT20\_Nss1,(MCS0)\_2TX

## 2462MHz\_TX

12/03/2018

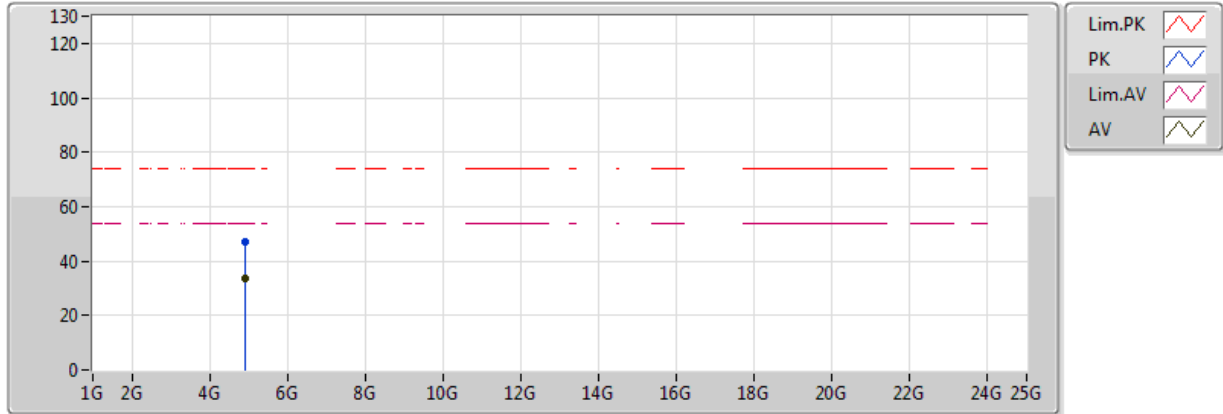


| Type | Freq     | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comments | Raw    | AF    | CL   | PA    |
|------|----------|----------|----------|--------|--------|------|-----------|---------|--------|----------|--------|-------|------|-------|
|      | (Hz)     | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |          | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 4.92407G | 32.21    | 54.00    | -21.79 | 6.25   | 3    | Vertical  | 31      | 2.11   | -        | 25.96  | 31.49 | 4.58 | 29.82 |
| PK   | 4.929G   | 43.57    | 74.00    | -30.43 | 6.22   | 3    | Vertical  | 31      | 2.11   | -        | 37.35  | 31.47 | 4.57 | 29.82 |

## 802.11n HT20\_Nss1,(MCS0)\_2TX

### 2462MHz\_TX

12/03/2018

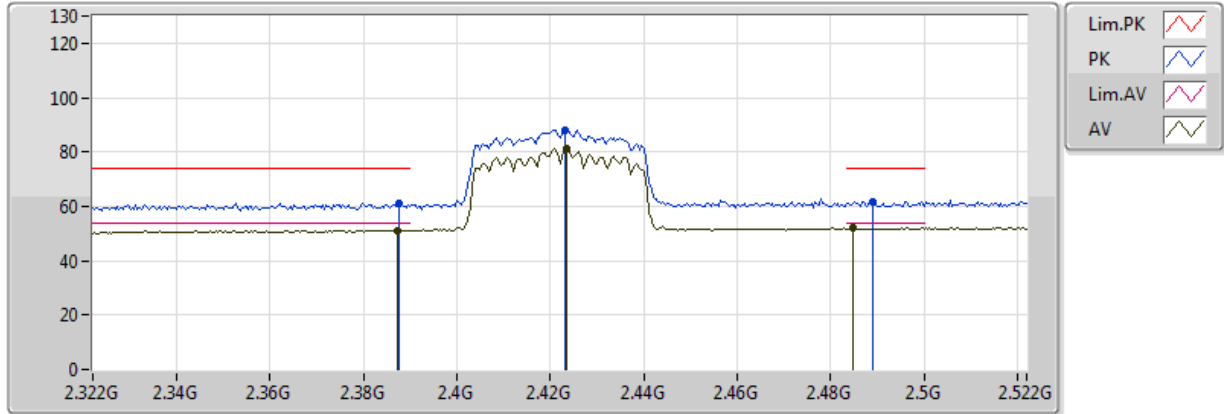


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 4.920367G    | 33.60             | 54.00             | -20.40         | 6.20           | 3           | Horizontal | 256            | 1.39          | -        | 27.40         | 31.46      | 4.57       | 29.83      |
| PK   | 4.920367G    | 47.01             | 74.00             | -26.99         | 6.20           | 3           | Horizontal | 256            | 1.39          | -        | 40.81         | 31.46      | 4.57       | 29.83      |

## 802.11n HT40\_Nss1,(MCS0)\_2TX

## 2422MHz\_TX

12/03/2018

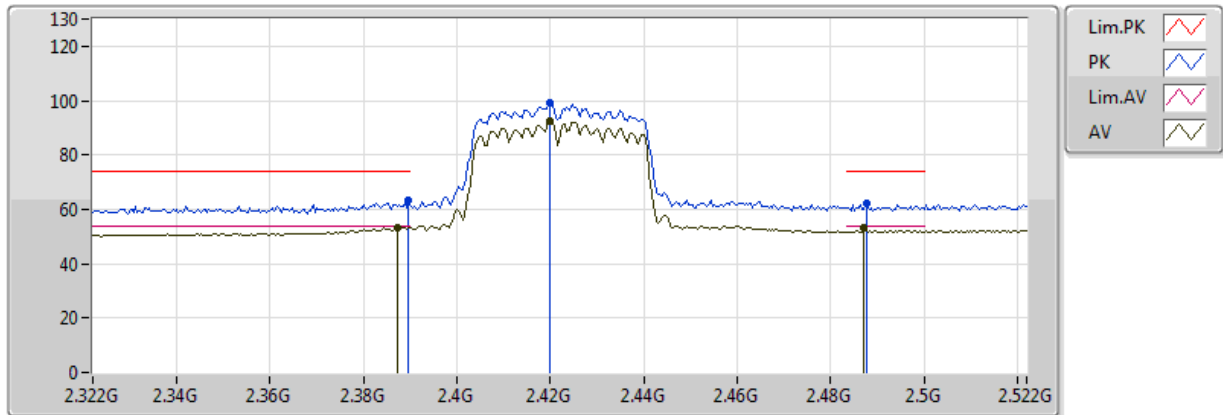


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.3872G      | 51.17             | 54.00             | -2.83          | 34.91          | 3           | Vertical  | 9              | 1.05          | -        | 16.26         | 26.98      | 7.93       | -          |
| AV   | 2.4236G      | 81.10             | Inf               | -Inf           | 35.08          | 3           | Vertical  | 9              | 1.05          | -        | 46.02         | 27.09      | 7.99       | -          |
| AV   | 2.4848G      | 52.08             | 54.00             | -1.92          | 35.37          | 3           | Vertical  | 9              | 1.05          | -        | 16.71         | 27.26      | 8.11       | -          |
| PK   | 2.3876G      | 61.14             | 74.00             | -12.86         | 34.92          | 3           | Vertical  | 9              | 1.05          | -        | 26.22         | 26.99      | 7.93       | -          |
| PK   | 2.4232G      | 88.25             | Inf               | -Inf           | 35.08          | 3           | Vertical  | 9              | 1.05          | -        | 53.17         | 27.08      | 7.99       | -          |
| PK   | 2.4892G      | 61.82             | 74.00             | -12.18         | 35.39          | 3           | Vertical  | 9              | 1.05          | -        | 26.43         | 27.27      | 8.12       | -          |

# 802.11n HT40\_Nss1,(MCS0)\_2TX

## 2422MHz\_TX

12/03/2018

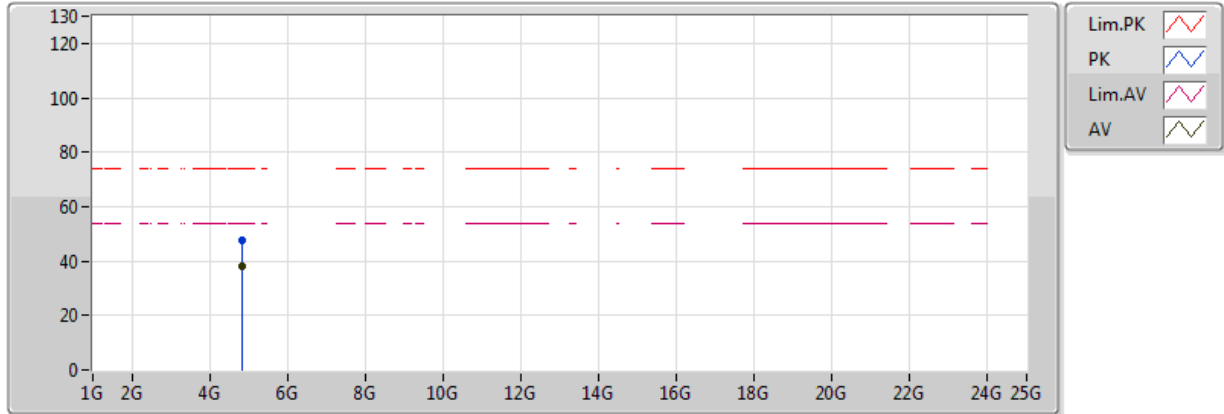


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.3872G      | 53.30             | 54.00             | -0.70          | 34.91          | 3           | Horizontal | 251            | 1.00          | -        | 18.39         | 26.98      | 7.93       | -          |
| AV   | 2.42G        | 92.46             | Inf               | -Inf           | 35.06          | 3           | Horizontal | 251            | 1.00          | -        | 57.40         | 27.08      | 7.99       | -          |
| AV   | 2.4872G      | 52.96             | 54.00             | -1.04          | 35.38          | 3           | Horizontal | 251            | 1.00          | -        | 17.58         | 27.26      | 8.12       | -          |
| PK   | 2.3896G      | 63.26             | 74.00             | -10.74         | 34.92          | 3           | Horizontal | 251            | 1.00          | -        | 28.34         | 26.99      | 7.93       | -          |
| PK   | 2.42G        | 98.91             | Inf               | -Inf           | 35.06          | 3           | Horizontal | 251            | 1.00          | -        | 63.85         | 27.08      | 7.99       | -          |
| PK   | 2.4876G      | 62.00             | 74.00             | -12.00         | 35.39          | 3           | Horizontal | 251            | 1.00          | -        | 26.61         | 27.27      | 8.12       | -          |

## 802.11n HT40\_Nss1,(MCS0)\_2TX

## 2422MHz\_TX

12/03/2018

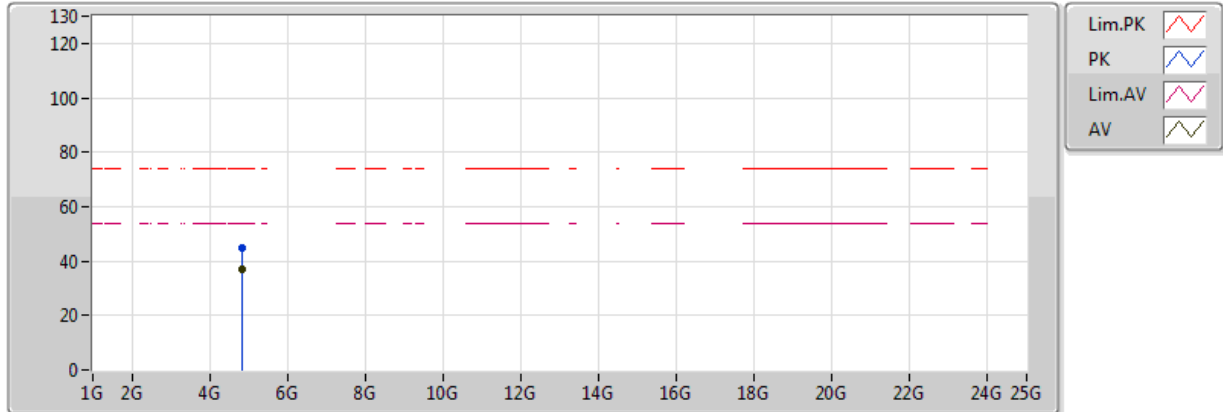


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 4.8458G      | 38.28             | 54.00             | -15.72         | 6.37           | 3           | Vertical  | 211            | 1.50          | -        | 31.91         | 31.25      | 10.30      | 35.18      |
| PK   | 4.8414G      | 47.47             | 74.00             | -26.53         | 6.36           | 3           | Vertical  | 211            | 1.50          | -        | 41.11         | 31.25      | 10.29      | 35.18      |

## 802.11n HT40\_Nss1,(MCS0)\_2TX

### 2422MHz\_TX

11/04/2018

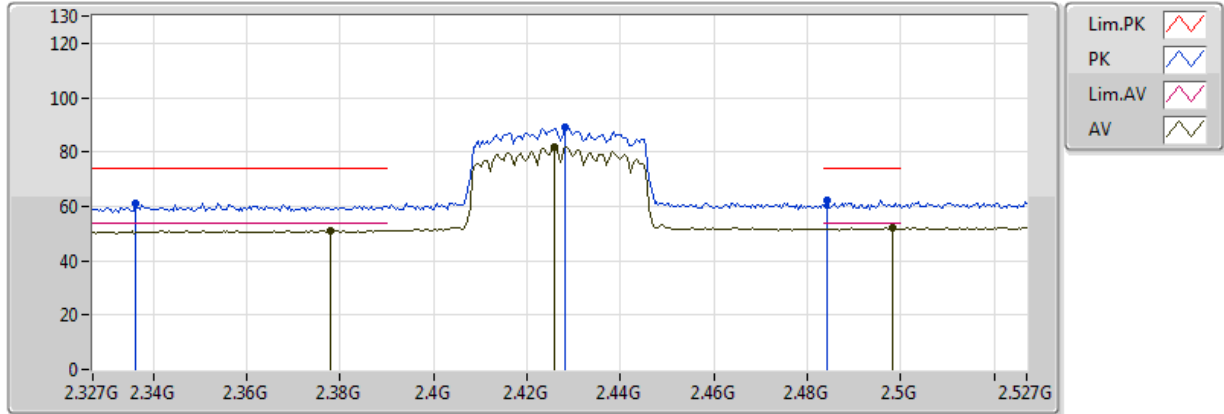


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 4.83416G     | 37.01             | 54.00             | -16.99         | 6.34           | 3           | Horizontal | 136            | 2.34          | -        | 30.67         | 31.23      | 10.29      | 35.18      |
| PK   | 4.8366G      | 44.93             | 74.00             | -29.07         | 6.35           | 3           | Horizontal | 136            | 2.34          | -        | 38.58         | 31.24      | 10.29      | 35.18      |

## 802.11n HT40\_Nss1,(MCS0)\_2TX

## 2427MHz\_TX

13/03/2018

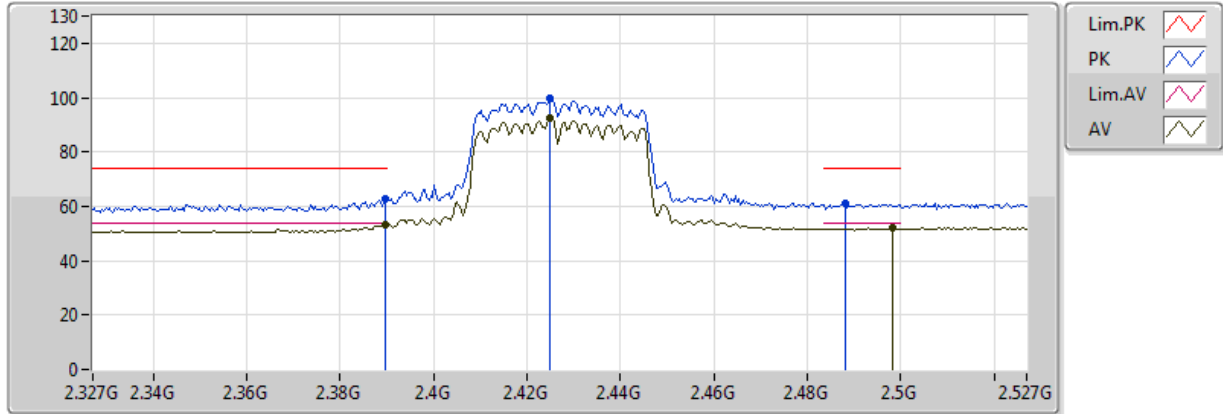


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.3778G      | 51.24             | 54.00             | -2.76          | 34.87          | 3           | Vertical  | 10             | 1.01          | -        | 16.37         | 26.96      | 7.91       | -          |
| AV   | 2.4258G      | 82.07             | Inf               | -Inf           | 35.09          | 3           | Vertical  | 10             | 1.01          | -        | 46.98         | 27.09      | 8.00       | -          |
| AV   | 2.4982G      | 52.00             | 54.00             | -2.00          | 35.43          | 3           | Vertical  | 10             | 1.01          | -        | 16.57         | 27.29      | 8.14       | -          |
| PK   | 2.3362G      | 61.06             | 74.00             | -12.94         | 34.67          | 3           | Vertical  | 10             | 1.01          | -        | 26.39         | 26.84      | 7.83       | -          |
| PK   | 2.4282G      | 89.02             | Inf               | -Inf           | 35.10          | 3           | Vertical  | 10             | 1.01          | -        | 53.92         | 27.10      | 8.00       | -          |
| PK   | 2.4842G      | 61.96             | 74.00             | -12.04         | 35.37          | 3           | Vertical  | 10             | 1.01          | -        | 26.59         | 27.26      | 8.11       | -          |

## 802.11n HT40\_Nss1,(MCS0)\_2TX

## 2427MHz\_TX

13/03/2018

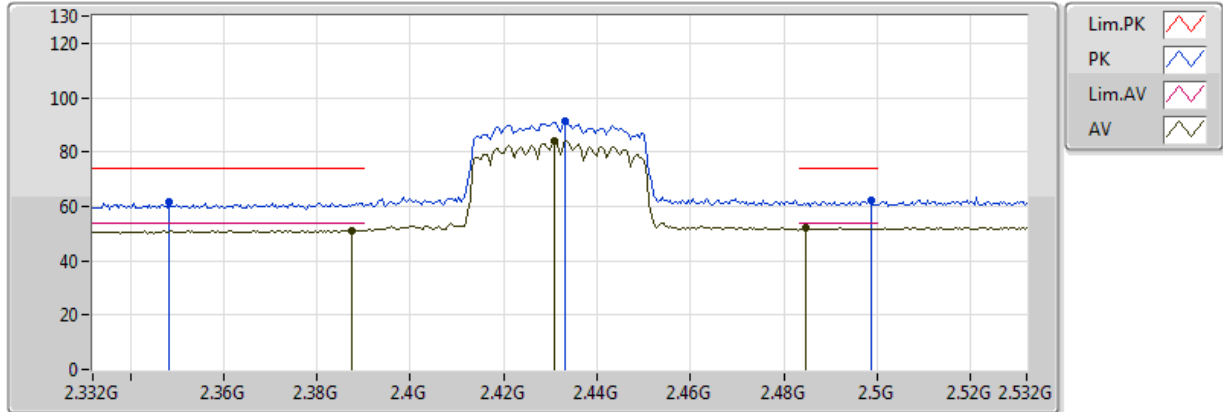


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.3898G      | 53.31             | 54.00             | -0.69          | 34.92          | 3           | Horizontal | 251            | 1.00          | -        | 18.39         | 26.99      | 7.93       | -          |
| AV   | 2.425G       | 92.61             | Inf               | -Inf           | 35.09          | 3           | Horizontal | 251            | 1.00          | -        | 57.52         | 27.09      | 8.00       | -          |
| AV   | 2.4982G      | 51.94             | 54.00             | -2.06          | 35.43          | 3           | Horizontal | 251            | 1.00          | -        | 16.51         | 27.29      | 8.14       | -          |
| PK   | 2.3898G      | 62.70             | 74.00             | -11.30         | 34.92          | 3           | Horizontal | 251            | 1.00          | -        | 27.78         | 26.99      | 7.93       | -          |
| PK   | 2.425G       | 99.70             | Inf               | -Inf           | 35.09          | 3           | Horizontal | 251            | 1.00          | -        | 64.61         | 27.09      | 8.00       | -          |
| PK   | 2.4882G      | 61.18             | 74.00             | -12.82         | 35.39          | 3           | Horizontal | 251            | 1.00          | -        | 25.79         | 27.27      | 8.12       | -          |

## 802.11n HT40\_Nss1,(MCS0)\_2TX

## 2432MHz\_TX

13/03/2018

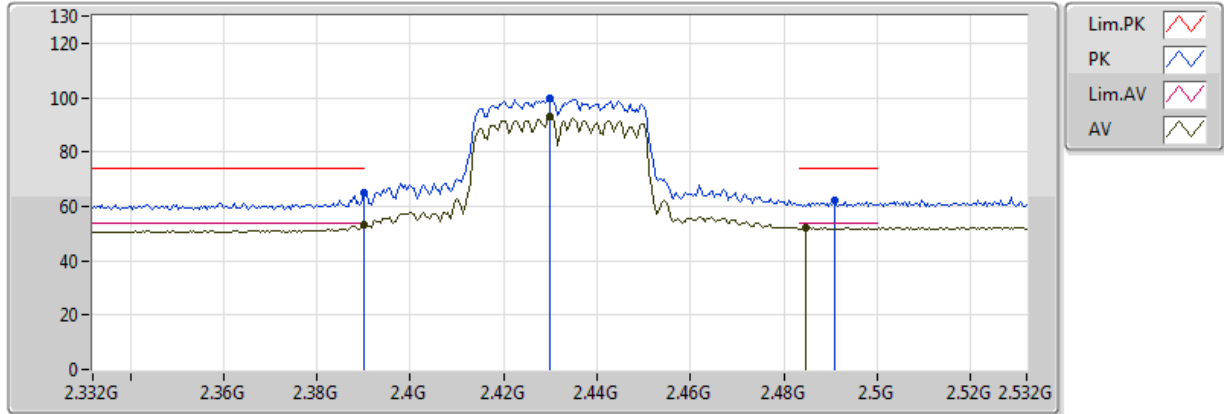


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.3876G      | 51.26             | 54.00             | -2.74          | 34.92          | 3           | Vertical  | 11             | 1.01          | -        | 16.34         | 26.99      | 7.93       | -          |
| AV   | 2.4308G      | 84.16             | Inf               | -Inf           | 35.11          | 3           | Vertical  | 11             | 1.01          | -        | 49.05         | 27.11      | 8.01       | -          |
| AV   | 2.4848G      | 51.99             | 54.00             | -2.01          | 35.37          | 3           | Vertical  | 11             | 1.01          | -        | 16.62         | 27.26      | 8.11       | -          |
| PK   | 2.3484G      | 61.39             | 74.00             | -12.61         | 34.73          | 3           | Vertical  | 11             | 1.01          | -        | 26.66         | 26.88      | 7.85       | -          |
| PK   | 2.4332G      | 91.08             | Inf               | -Inf           | 35.13          | 3           | Vertical  | 11             | 1.01          | -        | 55.95         | 27.11      | 8.01       | -          |
| PK   | 2.4988G      | 61.97             | 74.00             | -12.03         | 35.44          | 3           | Vertical  | 11             | 1.01          | -        | 26.53         | 27.30      | 8.14       | -          |

## 802.11n HT40\_Nss1,(MCS0)\_2TX

## 2432MHz\_TX

13/03/2018

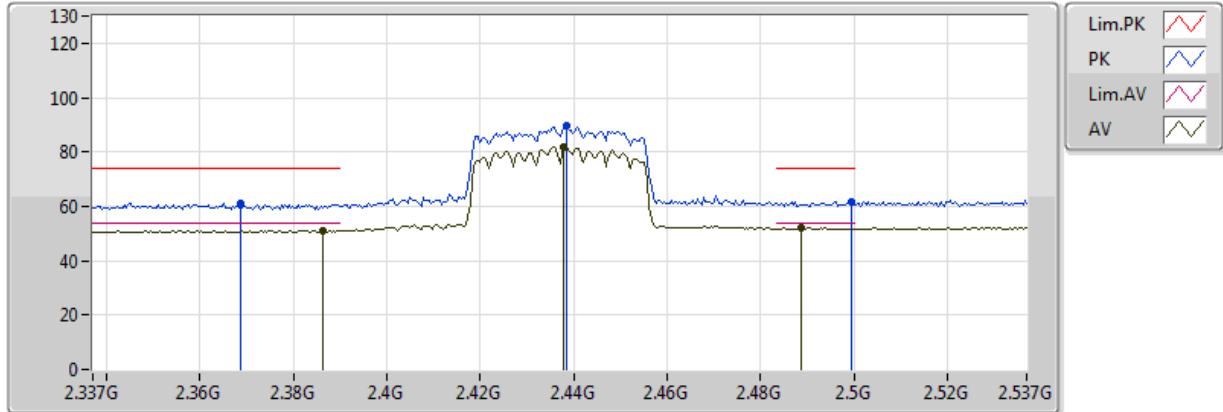


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.389998G    | 53.46             | 54.00             | -0.54          | 34.92          | 3           | Horizontal | 247            | 1.01          | -        | 18.54         | 26.99      | 7.93       | -          |
| AV   | 2.43G        | 93.11             | Inf               | -Inf           | 35.11          | 3           | Horizontal | 247            | 1.01          | -        | 58.00         | 27.10      | 8.01       | -          |
| AV   | 2.4848G      | 52.07             | 54.00             | -1.93          | 35.37          | 3           | Horizontal | 247            | 1.01          | -        | 16.70         | 27.26      | 8.11       | -          |
| PK   | 2.389998G    | 64.87             | 74.00             | -9.13          | 34.92          | 3           | Horizontal | 247            | 1.01          | -        | 29.95         | 26.99      | 7.93       | -          |
| PK   | 2.43G        | 99.86             | Inf               | -Inf           | 35.11          | 3           | Horizontal | 247            | 1.01          | -        | 64.75         | 27.10      | 8.01       | -          |
| PK   | 2.4908G      | 61.94             | 74.00             | -12.06         | 35.39          | 3           | Horizontal | 247            | 1.01          | -        | 26.55         | 27.27      | 8.12       | -          |

## 802.11n HT40\_Nss1,(MCS0)\_2TX

## 2437MHz\_TX

13/03/2018

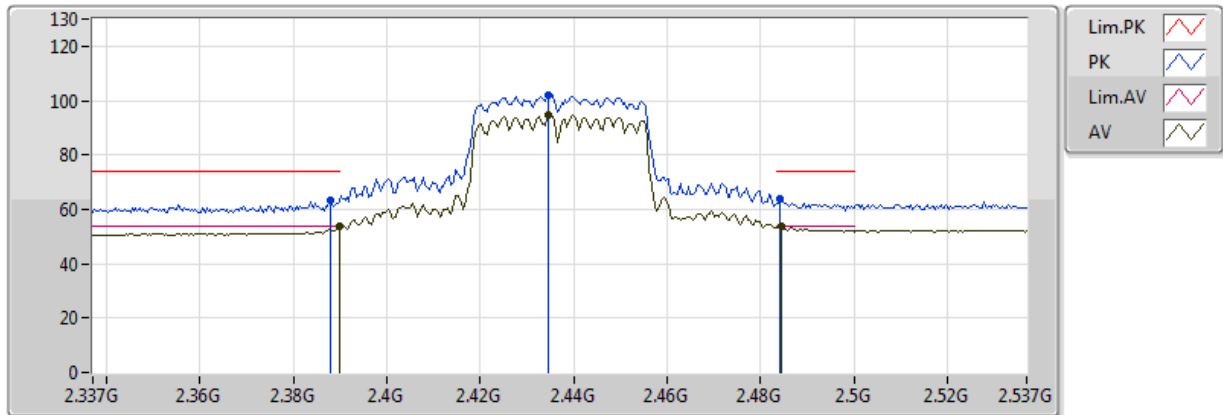


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.3862G      | 51.15             | 54.00             | -2.85          | 34.90          | 3           | Vertical  | 58             | 1.01          | -        | 16.25         | 26.98      | 7.92       | -          |
| AV   | 2.4378G      | 81.99             | Inf               | -Inf           | 35.15          | 3           | Vertical  | 58             | 1.01          | -        | 46.84         | 27.13      | 8.02       | -          |
| AV   | 2.4886G      | 52.11             | 54.00             | -1.89          | 35.39          | 3           | Vertical  | 58             | 1.01          | -        | 16.72         | 27.27      | 8.12       | -          |
| PK   | 2.3686G      | 61.20             | 74.00             | -12.80         | 34.82          | 3           | Vertical  | 58             | 1.01          | -        | 26.38         | 26.93      | 7.89       | -          |
| PK   | 2.4386G      | 89.51             | Inf               | -Inf           | 35.15          | 3           | Vertical  | 58             | 1.01          | -        | 54.36         | 27.13      | 8.02       | -          |
| PK   | 2.4994G      | 61.78             | 74.00             | -12.22         | 35.44          | 3           | Vertical  | 58             | 1.01          | -        | 26.34         | 27.30      | 8.14       | -          |

# 802.11n HT40\_Nss1,(MCS0)\_2TX

## 2437MHz\_TX

13/03/2018

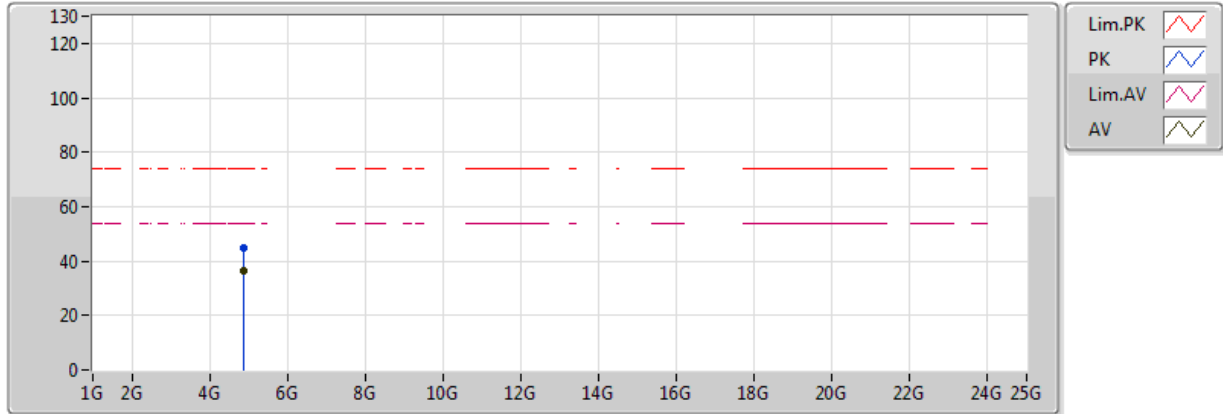


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.3898G      | 53.85             | 54.00             | -0.15          | 34.92          | 3           | Horizontal | 250            | 1.02          | -        | 18.93         | 26.99      | 7.93       | -          |
| AV   | 2.4346G      | 94.81             | Inf               | -Inf           | 35.13          | 3           | Horizontal | 250            | 1.02          | -        | 59.68         | 27.12      | 8.02       | -          |
| AV   | 2.4846G      | 53.60             | 54.00             | -0.40          | 35.37          | 3           | Horizontal | 250            | 1.02          | -        | 18.23         | 27.26      | 8.11       | -          |
| PK   | 2.3878G      | 63.48             | 74.00             | -10.52         | 34.92          | 3           | Horizontal | 250            | 1.02          | -        | 28.56         | 26.99      | 7.93       | -          |
| PK   | 2.4346G      | 101.92            | Inf               | -Inf           | 35.13          | 3           | Horizontal | 250            | 1.02          | -        | 66.79         | 27.12      | 8.02       | -          |
| PK   | 2.4842G      | 63.67             | 74.00             | -10.33         | 35.37          | 3           | Horizontal | 250            | 1.02          | -        | 28.30         | 27.26      | 8.11       | -          |

## 802.11n HT40\_Nss1,(MCS0)\_2TX

### 2437MHz\_TX

13/03/2018

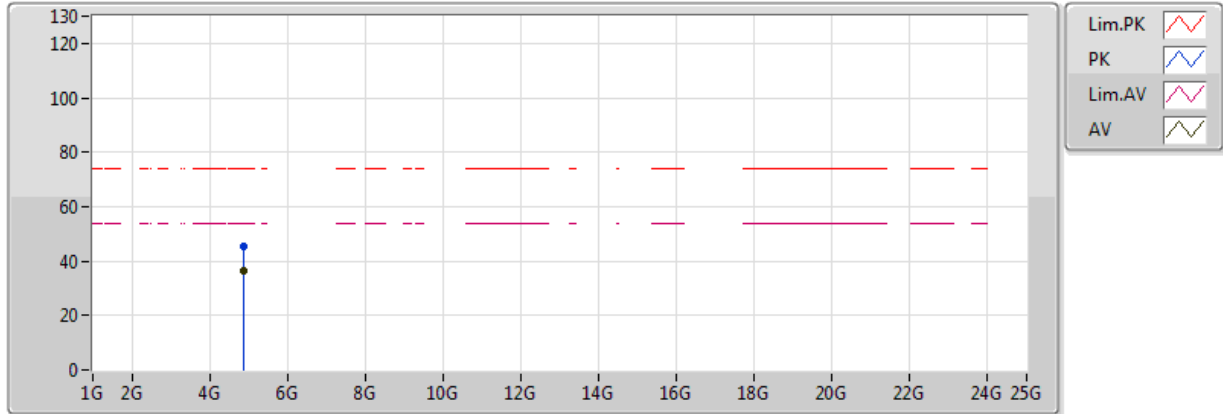


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 4.87312G     | 36.54             | 54.00             | -17.46         | 6.42           | 3           | Vertical  | 271            | 1.44          | -        | 30.12         | 31.30      | 10.32      | 35.19      |
| PK   | 4.8704G      | 44.58             | 74.00             | -29.42         | 6.42           | 3           | Vertical  | 271            | 1.44          | -        | 38.16         | 31.29      | 10.32      | 35.19      |

## 802.11n HT40\_Nss1,(MCS0)\_2TX

### 2437MHz\_TX

13/03/2018

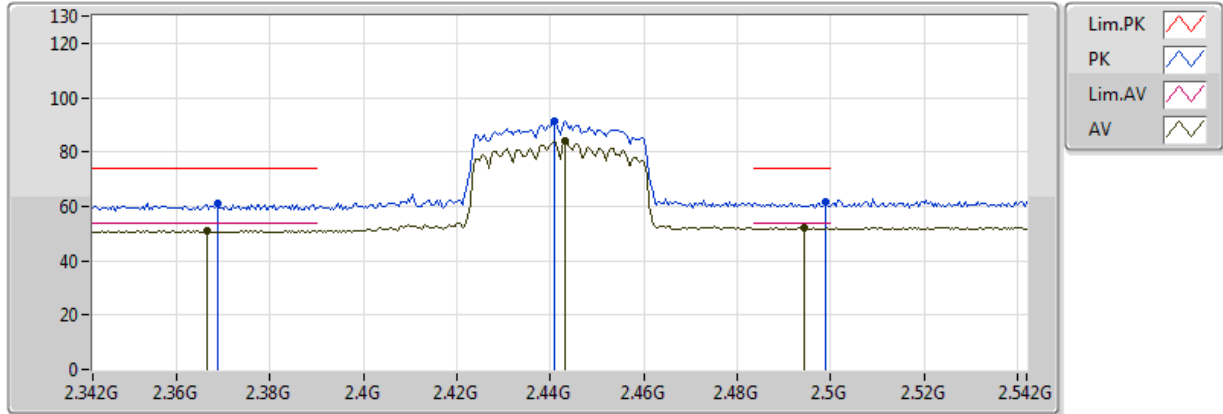


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 4.87984G     | 36.68             | 54.00             | -17.32         | 6.44           | 3           | Horizontal | 19             | 2.19          | -        | 30.24         | 31.31      | 10.32      | 35.19      |
| PK   | 4.86612G     | 45.55             | 74.00             | -28.45         | 6.41           | 3           | Horizontal | 19             | 2.19          | -        | 39.14         | 31.29      | 10.31      | 35.19      |

## 802.11n HT40\_Nss1,(MCS0)\_2TX

## 2442MHz\_TX

13/03/2018

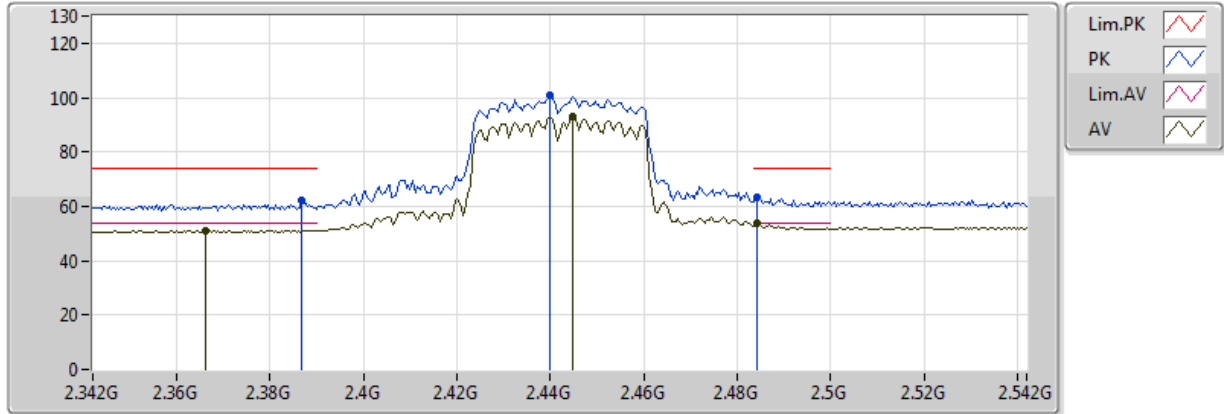


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.3664G      | 51.10             | 54.00             | -2.90          | 34.82          | 3           | Vertical  | 57             | 1.00          | -        | 16.28         | 26.93      | 7.89       | -          |
| AV   | 2.4432G      | 83.98             | Inf               | -Inf           | 35.17          | 3           | Vertical  | 57             | 1.00          | -        | 48.81         | 27.14      | 8.03       | -          |
| AV   | 2.4944G      | 52.05             | 54.00             | -1.95          | 35.41          | 3           | Vertical  | 57             | 1.00          | -        | 16.64         | 27.28      | 8.13       | -          |
| PK   | 2.3688G      | 61.08             | 74.00             | -12.92         | 34.82          | 3           | Vertical  | 57             | 1.00          | -        | 26.26         | 26.93      | 7.89       | -          |
| PK   | 2.4408G      | 91.52             | Inf               | -Inf           | 35.16          | 3           | Vertical  | 57             | 1.00          | -        | 56.36         | 27.13      | 8.03       | -          |
| PK   | 2.4988G      | 61.44             | 74.00             | -12.56         | 35.44          | 3           | Vertical  | 57             | 1.00          | -        | 26.00         | 27.30      | 8.14       | -          |

## 802.11n HT40\_Nss1,(MCS0)\_2TX

## 2442MHz\_TX

13/03/2018

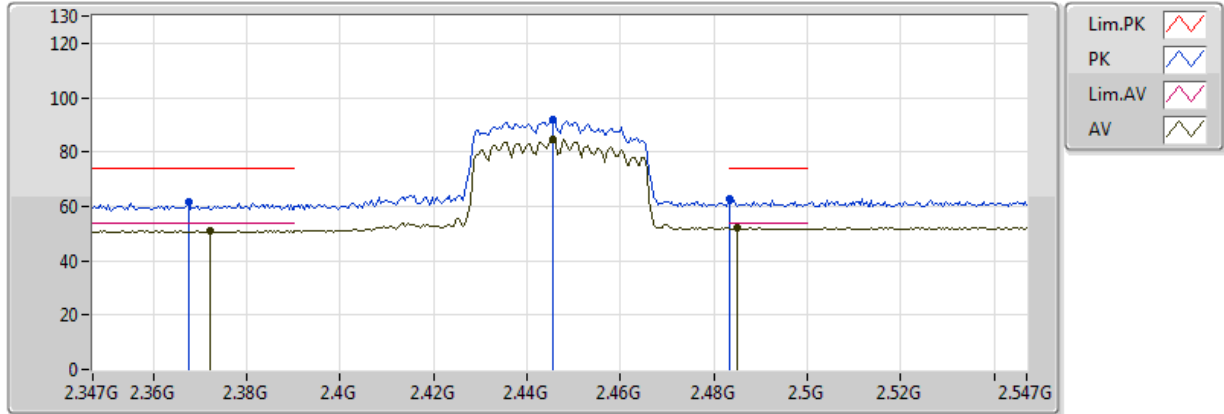


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.366G       | 51.22             | 54.00             | -2.78          | 34.81          | 3           | Horizontal | 246            | 1.15          | -        | 16.41         | 26.92      | 7.89       | -          |
| AV   | 2.4448G      | 92.79             | Inf               | -Inf           | 35.18          | 3           | Horizontal | 246            | 1.15          | -        | 57.61         | 27.15      | 8.04       | -          |
| AV   | 2.4844G      | 53.77             | 54.00             | -0.23          | 35.37          | 3           | Horizontal | 246            | 1.15          | -        | 18.40         | 27.26      | 8.11       | -          |
| PK   | 2.3868G      | 62.41             | 74.00             | -11.59         | 34.90          | 3           | Horizontal | 246            | 1.15          | -        | 27.51         | 26.98      | 7.92       | -          |
| PK   | 2.44G        | 100.61            | Inf               | -Inf           | 35.16          | 3           | Horizontal | 246            | 1.15          | -        | 65.45         | 27.13      | 8.03       | -          |
| PK   | 2.4844G      | 63.41             | 74.00             | -10.59         | 35.37          | 3           | Horizontal | 246            | 1.15          | -        | 28.04         | 27.26      | 8.11       | -          |

## 802.11n HT40\_Nss1,(MCS0)\_2TX

## 2447MHz\_TX

13/03/2018

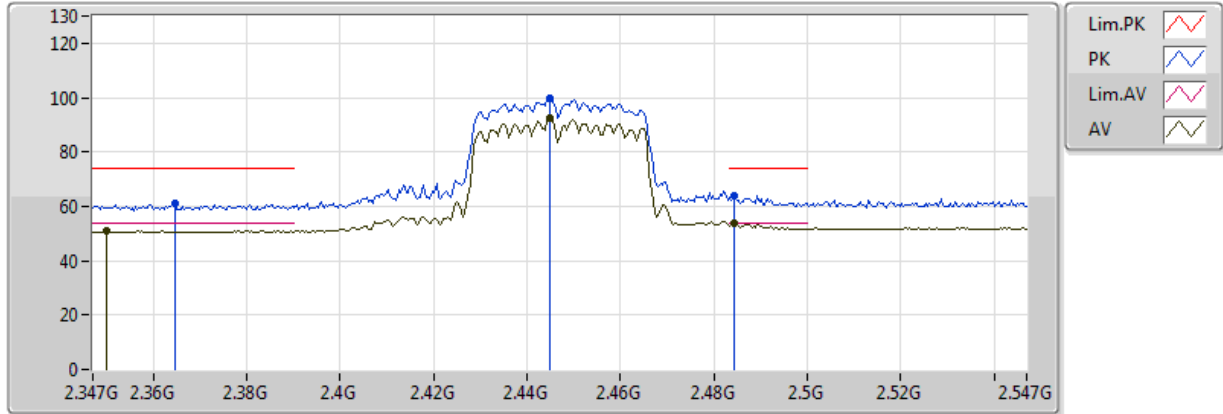


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.3722G      | 51.03             | 54.00             | -2.97          | 34.84          | 3           | Vertical  | 224            | 2.99          | -        | 16.19         | 26.94      | 7.90       | -          |
| AV   | 2.4454G      | 84.63             | Inf               | -Inf           | 35.18          | 3           | Vertical  | 224            | 2.99          | -        | 49.45         | 27.15      | 8.04       | -          |
| AV   | 2.485G       | 51.97             | 54.00             | -2.03          | 35.37          | 3           | Vertical  | 224            | 2.99          | -        | 16.60         | 27.26      | 8.11       | -          |
| PK   | 2.3674G      | 61.44             | 74.00             | -12.56         | 34.82          | 3           | Vertical  | 224            | 2.99          | -        | 26.62         | 26.93      | 7.89       | -          |
| PK   | 2.4454G      | 91.82             | Inf               | -Inf           | 35.18          | 3           | Vertical  | 224            | 2.99          | -        | 56.64         | 27.15      | 8.04       | -          |
| PK   | 2.483502G    | 62.58             | 74.00             | -11.42         | 35.36          | 3           | Vertical  | 224            | 2.99          | -        | 27.22         | 27.25      | 8.11       | -          |

## 802.11n HT40\_Nss1,(MCS0)\_2TX

## 2447MHz\_TX

13/03/2018

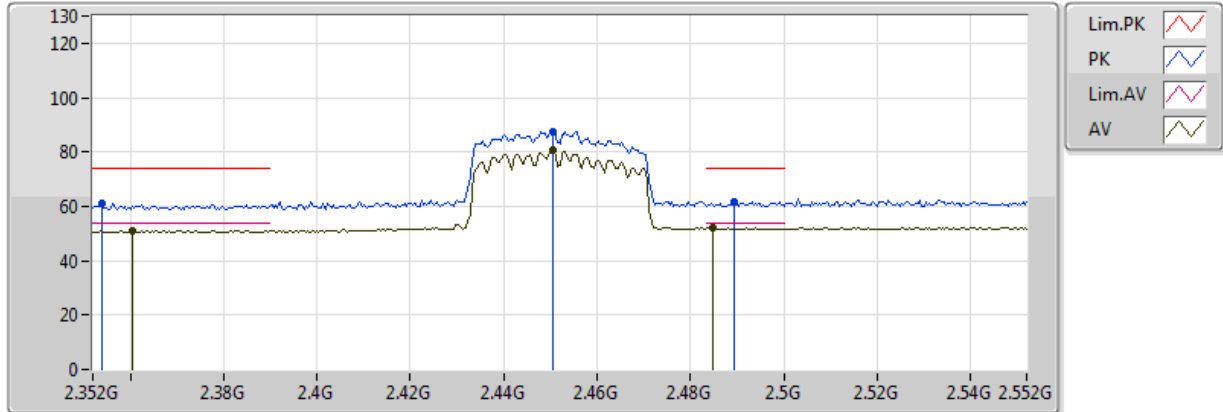


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.3498G      | 51.06             | 54.00             | -2.94          | 34.73          | 3           | Horizontal | 248            | 1.09          | -        | 16.33         | 26.88      | 7.85       | -          |
| AV   | 2.445G       | 92.24             | Inf               | -Inf           | 35.18          | 3           | Horizontal | 248            | 1.09          | -        | 57.06         | 27.15      | 8.04       | -          |
| AV   | 2.4842G      | 53.84             | 54.00             | -0.16          | 35.37          | 3           | Horizontal | 248            | 1.09          | -        | 18.47         | 27.26      | 8.11       | -          |
| PK   | 2.3646G      | 60.96             | 74.00             | -13.04         | 34.80          | 3           | Horizontal | 248            | 1.09          | -        | 26.16         | 26.92      | 7.88       | -          |
| PK   | 2.445G       | 99.86             | Inf               | -Inf           | 35.18          | 3           | Horizontal | 248            | 1.09          | -        | 64.68         | 27.15      | 8.04       | -          |
| PK   | 2.4842G      | 63.85             | 74.00             | -10.15         | 35.37          | 3           | Horizontal | 248            | 1.09          | -        | 28.48         | 27.26      | 8.11       | -          |

## 802.11n HT40\_Nss1,(MCS0)\_2TX

## 2452MHz\_TX

13/03/2018

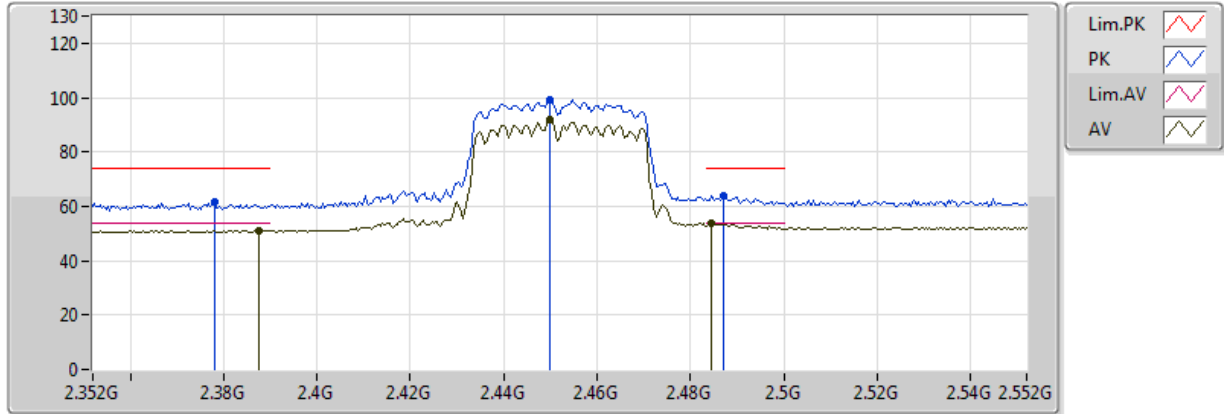


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.3604G      | 51.05             | 54.00             | -2.95          | 34.78          | 3           | Vertical  | 223            | 2.94          | -        | 16.27         | 26.91      | 7.87       | -          |
| AV   | 2.4504G      | 80.84             | Inf               | -Inf           | 35.21          | 3           | Vertical  | 223            | 2.94          | -        | 45.63         | 27.16      | 8.05       | -          |
| AV   | 2.4848G      | 52.05             | 54.00             | -1.95          | 35.37          | 3           | Vertical  | 223            | 2.94          | -        | 16.68         | 27.26      | 8.11       | -          |
| PK   | 2.354G       | 60.89             | 74.00             | -13.11         | 34.75          | 3           | Vertical  | 223            | 2.94          | -        | 26.14         | 26.89      | 7.86       | -          |
| PK   | 2.4504G      | 87.65             | Inf               | -Inf           | 35.21          | 3           | Vertical  | 223            | 2.94          | -        | 52.44         | 27.16      | 8.05       | -          |
| PK   | 2.4892G      | 61.72             | 74.00             | -12.28         | 35.39          | 3           | Vertical  | 223            | 2.94          | -        | 26.33         | 27.27      | 8.12       | -          |

## 802.11n HT40\_Nss1,(MCS0)\_2TX

## 2452MHz\_TX

13/03/2018

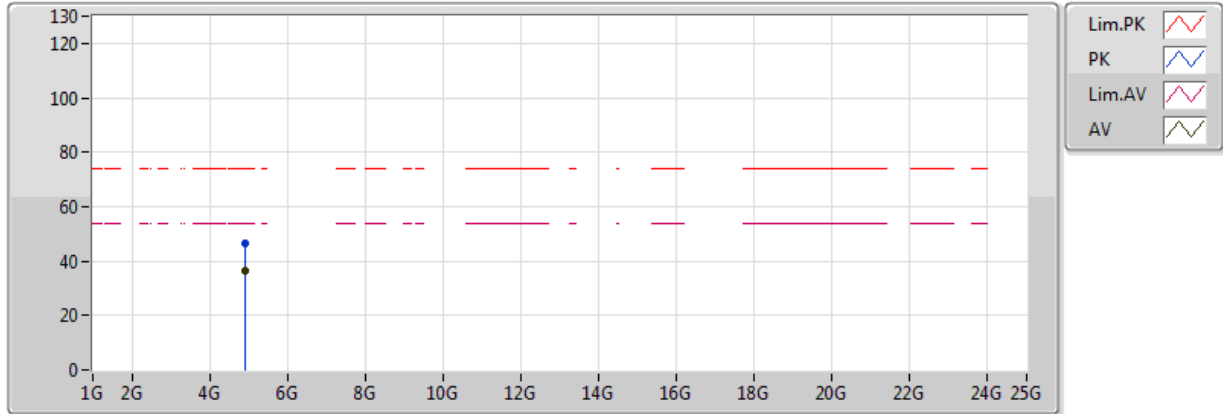


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 2.3876G      | 51.14             | 54.00             | -2.86          | 34.92          | 3           | Horizontal | 246            | 1.00          | -        | 16.22         | 26.99      | 7.93       | -          |
| AV   | 2.45G        | 91.66             | Inf               | -Inf           | 35.20          | 3           | Horizontal | 246            | 1.00          | -        | 56.45         | 27.16      | 8.04       | -          |
| AV   | 2.4844G      | 53.58             | 54.00             | -0.42          | 35.37          | 3           | Horizontal | 246            | 1.00          | -        | 18.21         | 27.26      | 8.11       | -          |
| PK   | 2.378G       | 61.39             | 74.00             | -12.61         | 34.87          | 3           | Horizontal | 246            | 1.00          | -        | 26.52         | 26.96      | 7.91       | -          |
| PK   | 2.45G        | 99.16             | Inf               | -Inf           | 35.20          | 3           | Horizontal | 246            | 1.00          | -        | 63.95         | 27.16      | 8.04       | -          |
| PK   | 2.4872G      | 63.85             | 74.00             | -10.15         | 35.38          | 3           | Horizontal | 246            | 1.00          | -        | 28.47         | 27.26      | 8.12       | -          |

## 802.11n HT40\_Nss1,(MCS0)\_2TX

### 2452MHz\_TX

13/03/2018

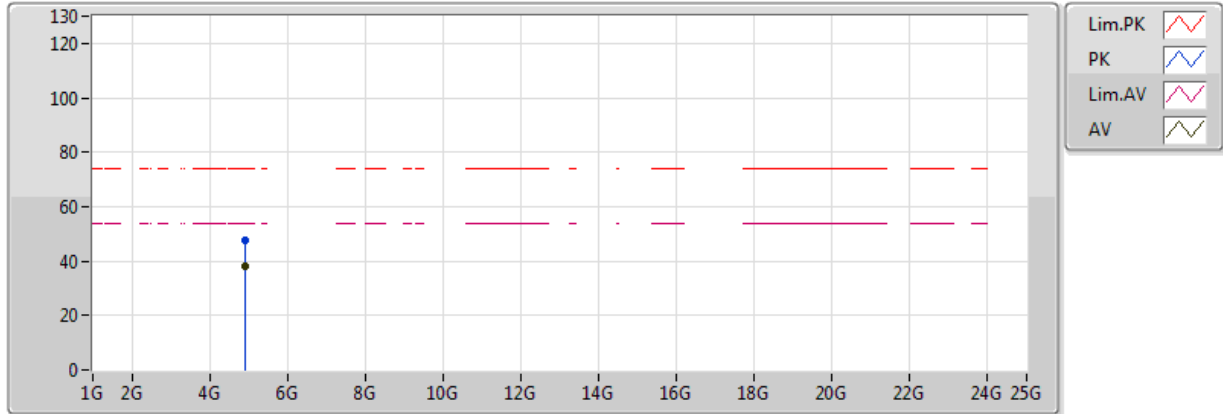


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 4.90398G     | 36.63             | 54.00             | -17.37         | 6.47           | 3           | Vertical  | 237            | 2.50          | -        | 30.16         | 31.33      | 10.34      | 35.20      |
| PK   | 4.90396G     | 46.60             | 74.00             | -27.40         | 6.49           | 3           | Vertical  | 237            | 2.50          | -        | 40.11         | 31.34      | 10.34      | 35.20      |

## 802.11n HT40\_Nss1,(MCS0)\_2TX

### 2452MHz\_TX

13/03/2018



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|----------|---------------|------------|------------|------------|
| AV   | 4.89816G     | 38.38             | 54.00             | -15.62         | 6.48           | 3           | Horizontal | 136            | 1.50          | -        | 31.90         | 31.34      | 10.34      | 35.20      |
| PK   | 4.89608G     | 47.69             | 74.00             | -26.31         | 6.47           | 3           | Horizontal | 136            | 1.50          | -        | 41.22         | 31.33      | 10.34      | 35.20      |