



# FCC Radio Test Report

**FCC ID** : TVE-41417T07866  
**Equipment** : Secured Wireless Access Point  
**Brand Name** : FORTINET  
**Model Name** : FortiAP 831Fxxxxxx, FAP-831Fxxxxxx,  
FORTIAP-831Fxxxxxx  
(where “x” can be “A-Z”, or “0-9”, or “-“, or  
blank for software purposes or marketing  
purposes only)  
**Applicant** : Fortinet, Inc.  
899 Kifer Road, Sunnyvale, CA 94086, USA  
**Manufacturer** : Fortinet, Inc.  
899 Kifer Road, Sunnyvale, CA 94086, USA  
**Standard** : 47 CFR FCC Part 15.247

The product was received on Jan. 26, 2021, and testing was started from Feb. 05, 2021 and completed on Apr. 14, 2021. We, SPORTON INTERNATIONAL INC. Hsinhua 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 test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. Hsinhua Laboratory, the test report shall not be reproduced except in full.

Approved by: Allen Lin

**SPORTON INTERNATIONAL INC. Hsinhua Laboratory**

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### History of this test report

| Report No. | Version | Description             | Issued Date  |
|------------|---------|-------------------------|--------------|
| FR111206AC | 01      | Initial issue of report | May 05, 2021 |
|            |         |                         |              |
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### Summary of Test Result

| Report Clause | Ref. Std. Clause | Test Items                                  | Result (PASS/FAIL) | Remark |
|---------------|------------------|---|--------------------|--------|
| 1.1.2         | 15.203           | Antenna Requirement                         | PASS               | -      |
| 3.1           | 15.207           | AC Power-line Conducted Emissions           | PASS               | -      |
| 3.2           | 15.247(a)        | DTS Bandwidth                               | PASS               | -      |
| 3.3           | 15.247(b)        | Maximum Conducted Output Power              | PASS               | -      |
| 3.4           | 15.247(e)        | Power Spectral Density                      | PASS               | -      |
| 3.5           | 15.247(d)        | Emissions in Non-restricted Frequency Bands | PASS               | -      |
| 3.6           | 15.247(d)        | Emissions in Restricted Frequency Bands     | PASS               | -      |

**Declaration of Conformity:**

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

**Comments and explanations:**

The EUT supports beamforming and CDD modes, and the CDD mode is the worse case. Therefore, all test items are evaluated in the report. The beamforming mode only evaluateds the output power.

Reviewed by: Sam Tsai

Report Producer: Amber Chiu



# 1 General Description

## 1.1 Information

### 1.1.1 RF General Information

#### Radio 2

| Frequency Range (MHz) | IEEE Std. 802.11                 | Ch. Frequency (MHz) | Channel Number |
|-----------------------|----------------------------------|---------------------|----------------|
| 2400-2483.5           | b, g, n (HT20), VHT20, ax(HEW20) | 2412-2462           | 1-11 [11]      |
| 2400-2483.5           | n (HT40), VHT40, ax(HEW40)       | 2422-2452           | 3-9 [7]        |

#### Radio 3

| 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]        |

#### Radio 2\_Non-Beamforming

| Band          | Mode           | BWch (MHz) | Nant |
|---------------|----------------|------------|------|
| 2.4-2.4835GHz | 802.11b        | 20         | 4TX  |
| 2.4-2.4835GHz | 802.11g        | 20         | 4TX  |
| 2.4-2.4835GHz | 802.11n HT20   | 20         | 4TX  |
| 2.4-2.4835GHz | 802.11n HT40   | 40         | 4TX  |
| 2.4-2.4835GHz | VHT20          | 20         | 4TX  |
| 2.4-2.4835GHz | VHT40          | 40         | 4TX  |
| 2.4-2.4835GHz | 802.11ax HEW20 | 20         | 4TX  |
| 2.4-2.4835GHz | 802.11ax HEW40 | 40         | 4TX  |

#### Radio 3\_Non-Beamforming

| Band          | Mode         | BWch (MHz) | Nant |
|---------------|--------------|------------|------|
| 2.4-2.4835GHz | 802.11b      | 20         | 1TX  |
| 2.4-2.4835GHz | 802.11g      | 20         | 1TX  |
| 2.4-2.4835GHz | 802.11n HT20 | 20         | 1TX  |
| 2.4-2.4835GHz | 802.11n HT40 | 40         | 1TX  |

#### Radio 2\_Beamforming

| Band          | Mode              | BWch (MHz) | Nant |
|---------------|-------------------|------------|------|
| 2.4-2.4835GHz | 802.11ax HEW20-BF | 20         | 4TX  |
| 2.4-2.4835GHz | 802.11ax HEW40-BF | 40         | 4TX  |



Note:

- ◆ 11b mode uses a combination of DSSS-DBPSK, DQPSK, CCK modulation.
- ◆ 11g, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ◆ VHT20, VHT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- ◆ HEW20, HEW40 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ◆ BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

| Ant. | Brand | Model Name   | Antenna Type | Connector |
|------|-------|--------------|--------------|-----------|
| 1    | Senao | 5718A0607300 | PIFA         | I-Pex     |
| 2    | Senao | 5718A0608300 | PIFA         | I-Pex     |
| 3    | Senao | 5718A0609300 | PIFA         | I-Pex     |
| 4    | Senao | 5718A0610300 | PIFA         | I-Pex     |
| 5    | Senao | 5718A0611300 | PIFA         | I-Pex     |
| 6    | Senao | 5718A0612300 | PIFA         | I-Pex     |
| 7    | Senao | 5718A0613300 | PIFA         | I-Pex     |
| 8    | Senao | 5718A0614300 | PIFA         | I-Pex     |
| 9    | Senao | 5718A0611300 | PIFA         | I-Pex     |
| 10   | Senao | 5718A0612300 | PIFA         | I-Pex     |
| 11   | Senao | 5718A0613300 | PIFA         | I-Pex     |
| 12   | Senao | 5718A0614300 | PIFA         | I-Pex     |
| 13   | Senao | 5718A0615300 | PIFA         | I-Pex     |
| 14   | Senao | 5718A0616300 | Dipole       | I-Pex     |



| Ant. | 2.4GHz             |                      | 5GHz               |  | BT LE                    | Remark                 |   |
|------|--------------------|----------------------|--------------------|--|--------------------------|------------------------|---|
|      | Max Peak Gain(dBi) | Correlated Gain(dBi) | Max Peak Gain(dBi) | Correlated Gain(dBi)                                 | Antenna Gain(dBi)        |                        |   |
| 1    | 4.44               | 6.7                  | -                  | -  | -                        | Radio 2, 4*4           |   |
| 2    | 4.49               | 6.7                  |                    |  |                          | Radio 2, 4*4           |   |
| 3    | 4.32               | 6.7                  |                    |  |                          | Radio 2, 4*4           |   |
| 4    | 4.14               | 6.7                  |                    |  |                          | Radio 2, 4*4           |   |
| 5    | -                  | -                    | 6.10               | Band1:9.52<br>Band2:9.01<br>Band3:7.95<br>Band4:7.84 | Band1:7.23<br>Band2:7.18 | Radio 1<br>8*8<br>mode | Radio 1<br>4*4<br>mode<br>Low<br>Band<br>Mode |
| 6    |                    |                      | 6.21               |  |                          |                        | Radio 1<br>4*4<br>mode<br>Hi Band<br>mode     |
| 7    |                    |                      | 6.11               |  |                          |                        |   |
| 8    |                    |                      | 6.12               |  |                          |                        |   |
| 9    |                    |                      | 6.24               | Band3:6.09<br>Band4:7.44                             |                          |                        |   |
| 10   |                    |                      | 6.20               |  |                          |                        |   |
| 11   |                    |                      | 6.27               |  |                          |                        |   |
| 12   |                    |                      | 6.13               |  |                          |                        |   |
| 13   | 4.69               | -                    | 4.60               | -  | -                        | Radio 3                |   |
| 14   | -                  | -                    | -                  | -  | 5.20                     | BT                     |   |

**For 2.4 GHz function:**

Radio 2

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

Ant.1, Ant.2, Ant.3, and Ant.4 could transmit/receive simultaneously.

Radio 3(Scan radio)

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

Only Ant.13 can be used as transmitting/receiving.

**For 5 GHz function:**

Radio 1

For IEEE 802.11a/n/ac/ax mode (8TX/8RX)

Ant.5, Ant.6, Ant.7, Ant.8, Ant.9, Ant.10, Ant.11 and Ant.12 could transmit/receive simultaneously.

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

Ant.5, Ant.6, Ant.7, and Ant.8 could transmit/receive simultaneously.

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

Ant.9, Ant.10, Ant.11 and Ant.12 could transmit/receive simultaneously.

Radio 3(Scan radio)

For IEEE 802.11a/n/ac mode (1TX/1RX)

Only Ant.13 can be used as transmitting/receiving.

**For Bluetooth function:**

For Bluetooth mode (1TX/1RX)

Only Ant.14 can be used as transmitting/receiving.



1.1.3 EUT Information

| Operational Condition               |   |                     |                          |                     |
|-------------------------------------|---|---------------------|--------------------------|---------------------|
| EUT Power Type                      | From AC Adapter / PoE   |                     |                          |                     |
| EUT Function                        | <input checked="" type="checkbox"/>   | Point-to-multipoint | <input type="checkbox"/> | Point-to-point      |
| Beamforming Function                | <input checked="" type="checkbox"/>   | With beamforming    | <input type="checkbox"/> | Without beamforming |
| Type of EUT                         |   |                     |                          |                     |
| <input checked="" type="checkbox"/> | Stand-alone   |                     |                          |                     |
| <input type="checkbox"/>            | Combined (EUT where the radio part is fully integrated within another device) |                     |                          |                     |
|                                     | Combined Equipment - Brand Name / Model No.:                                  |                     | ...                      |                     |
| <input type="checkbox"/>            | Plug-in radio (EUT intended for a variety of host systems)                    |                     |                          |                     |
|                                     | Host System - Brand Name / Model No.:   |                     | ...                      |                     |
| <input type="checkbox"/>            | Other:  |                     |                          |                     |

1.1.4 Mode Test Duty Cycle

Radio 2\_Non-Beamforming

| Mode                           | DC    | DCF(dB) | T(s)     | VBW(Hz) ≥ 1/T |
|--------------------------------|-------|---------|----------|---------------|
| 802.11b_Nss1,(1Mbps)_4TX       | 0.322 | 4.92    | 689.062u | 3k            |
| 802.11g_Nss1,(6Mbps)_4TX       | 0.937 | 0.28    | 1.977m   | 1k            |
| 802.11n HT20_Nss1,(MCS0)_4TX   | 0.957 | 0.19    | 5.429m   | 300           |
| 802.11n HT40_Nss1,(MCS0)_4TX   | 0.945 | 0.25    | 5.429m   | 300           |
| VHT20_Nss1,(MCS0)_4TX          | 0.954 | 0.2     | 5.429m   | 300           |
| VHT40_Nss1,(MCS0)_4TX          | 0.948 | 0.23    | 5.429m   | 300           |
| 802.11ax HEW20_Nss1,(MCS0)_4TX | 0.94  | 0.27    | 5.446m   | 300           |
| 802.11ax HEW40_Nss1,(MCS0)_4TX | 0.94  | 0.27    | 5.446m   | 300           |

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

Radio 3\_Non-Beamforming

| Mode                         | DC    | DCF(dB) | T(s)              | VBW(Hz) ≥ 1/T     |
|------------------------------|-------|---------|-------------------|-------------------|
| 802.11b_Nss1,(1Mbps)_1TX     | 0.989 | 0.05    | n/a<br>(DC>=0.98) | n/a<br>(DC>=0.98) |
| 802.11g_Nss1,(6Mbps)_1TX     | 0.942 | 0.26    | 2.029m            | 1k                |
| 802.11n HT20_Nss1,(MCS0)_1TX | 0.942 | 0.26    | 1.889m            | 1k                |
| 802.11n HT40_Nss1,(MCS0)_1TX | 0.888 | 0.52    | 929.375u          | 3k                |

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





Radio 2\_Beamforming

| Mode                              | DC   | DCF(dB) | T(s)   | VBW(Hz) ≥ 1/T |
|-----------------------------------|------|---------|--------|---------------|
| 802.11ax HEW20-BF_Nss1,(MCS0)_4TX | 0.94 | 0.27    | 5.446m | 300           |
| 802.11ax HEW40-BF_Nss1,(MCS0)_4TX | 0.94 | 0.27    | 5.446m | 300           |

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

1.1.5 Table for Multiple Listing

The brand/model names in the following table are all refer to the identical product.

| Brand Name | Model Name   | Description  |
|------------|--|--|
| FORTINET   | FortiAP 831Fxxxxxx,<br>FAP-831Fxxxxxx,<br>FORTIAP-831Fxxxxxx<br>(where "x" can be "A-Z", or<br>"0-9", or "-", or blank for<br>software purposes or<br>marketing purposes only) | All the models are identical, the difference model for<br>difference brand served as marketing strategy. |



## 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

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

- ◆ KDB 558074 D01 v05r02
- ◆ KDB 662911 D01 v02r01
- ◆ KDB 662911 D03 v01
- ◆ KDB 414788 D01 v01r01

## 1.3 Testing Location Information

| <b>Test Lab. : Sporton International Inc. Hsinhua Laboratory</b> |                             |   |                      |                         |
|--|-----------------------------|---|----------------------|-------------------------|
| <input checked="" type="checkbox"/>                              | Hsinhua<br>(TAF: 3785)      | ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)          |                      |                         |
|  |                             | TEL: 886-3-327-3456   | FAX: 886-3-327-0973  |                         |
| Test site Designation No. TW3785 with FCC.                       |                             |   |                      |                         |
| Test Condition   | Test Site No.               | Test Engineer   | Test Environment     | Test Date               |
| AC Conduction  | CO04-HY                     | Edward Wang   | 20.8~22.7°C / 54~68% | 06/Mar/2021             |
| RF Conduction  | TH06-HY                     | Vivi Jiang  | 20.1~26.9°C / 50~65% | 05/Feb/2021~14/Apr/2021 |
| Radiated   | 03CH02-HY                   | Frank Hsieh   | 20.5~25.9°C / 52~60% | 05/Feb/2021~12/Mar/2021 |
| <input type="checkbox"/>   | Wen 33rd.St.<br>(TAF: 3785) | ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) |                      |                         |
|  |                             | TEL: 886-3-318-0787   | FAX: 886-3-318-0287  |                         |
| Test site Designation No. TW0008 with FCC.                       |                             |   |                      |                         |

## 1.4 Measurement Uncertainty

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

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



## 2 Test Configuration of EUT

### 2.1 Test Condition

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

### 2.2 Test Channel Mode

|                       |                                      |
|-----------------------|--------------------------------------|
| Test Software Version | qdart_conn.win.1.0_installer_00076.1 |
|-----------------------|--------------------------------------|

#### Radio 2\_Non-Beamforming

| Mode                         | Power Setting |
|------------------------------|---------------|
| 802.11b_Nss1,(1Mbps)_4TX     | -             |
| 2412MHz                      | 20.5          |
| 2437MHz                      | 20            |
| 2462MHz                      | 20            |
| 802.11g_Nss1,(6Mbps)_4TX     | -             |
| 2412MHz                      | 17            |
| 2417MHz                      | 20            |
| 2437MHz                      | 21            |
| 2457MHz                      | 17.5          |
| 2462MHz                      | 16            |
| 802.11n HT20_Nss1,(MCS0)_4TX | -             |
| 2412MHz                      | 17            |
| 2417MHz                      | 18            |
| 2437MHz                      | 21            |
| 2457MHz                      | 17.5          |
| 2462MHz                      | 16            |
| 802.11n HT40_Nss1,(MCS0)_4TX | -             |
| 2422MHz                      | 16            |
| 2437MHz                      | 16            |
| 2447MHz                      | 15            |
| 2452MHz                      | 14.5          |
| VHT20_Nss1,(MCS0)_4TX        | -             |
| 2412MHz                      | 17            |
| 2417MHz                      | 18            |
| 2437MHz                      | 21            |



| Mode                           | Power Setting |
|--------------------------------|---------------|
| 2457MHz                        | 17.5          |
| 2462MHz                        | 16            |
| VHT40_Nss1,(MCS0)_4TX          | -             |
| 2422MHz                        | 16            |
| 2437MHz                        | 16            |
| 2447MHz                        | 15            |
| 2452MHz                        | 14.5          |
| 802.11ax HEW20_Nss1,(MCS0)_4TX | -             |
| 2412MHz                        | 17            |
| 2417MHz                        | 18            |
| 2437MHz                        | 21            |
| 2457MHz                        | 17.5          |
| 2462MHz                        | 16            |
| 802.11ax HEW40_Nss1,(MCS0)_4TX | -             |
| 2422MHz                        | 16            |
| 2437MHz                        | 16            |
| 2447MHz                        | 15            |
| 2452MHz                        | 14.5          |

**Radio 3\_Non-Beamforming**

| Mode                         | Power Setting |
|------------------------------|---------------|
| 802.11b_Nss1,(1Mbps)_1TX     | -             |
| 2412MHz                      | 21            |
| 2437MHz                      | 21            |
| 2462MHz                      | 21            |
| 802.11g_Nss1,(6Mbps)_1TX     | -             |
| 2412MHz                      | 18.5          |
| 2417MHz                      | 21            |
| 2437MHz                      | 21            |
| 2457MHz                      | 20.5          |
| 2462MHz                      | 18.5          |
| 802.11n HT20_Nss1,(MCS0)_1TX | -             |
| 2412MHz                      | 18.5          |
| 2417MHz                      | 21            |
| 2437MHz                      | 21            |
| 2457MHz                      | 21            |
| 2462MHz                      | 18.5          |



| Mode                         | Power Setting |
|------------------------------|---------------|
| 802.11n HT40_Nss1,(MCS0)_1TX | -             |
| 2422MHz                      | 17.5          |
| 2427MHz                      | 19            |
| 2437MHz                      | 19            |
| 2447MHz                      | 17            |
| 2452MHz                      | 15.5          |




**Radio 2\_Beamforming**

| Mode                              | Power Setting |
|-----------------------------------|---------------|
| 802.11ax HEW20-BF_Nss1,(MCS0)_4TX | -             |
| 2412MHz                           | 15            |
| 2417MHz                           | 16            |
| 2437MHz                           | 19            |
| 2457MHz                           | 15.5          |
| 2462MHz                           | 14            |
| 802.11ax HEW40-BF_Nss1,(MCS0)_4TX | -             |
| 2422MHz                           | 14            |
| 2437MHz                           | 14            |
| 2447MHz                           | 13            |
| 2452MHz                           | 12.5          |

### 2.3 The Worst Case Measurement Configuration

| The Worst Case Mode for Following Conformance Tests |  |
|---|--|
| Tests Item  | AC power-line conducted emissions                        |
| Condition   | AC power-line conducted measurement for line and neutral |
| Operating Mode                                      | CTX  |
| 1   | Adapter mode; WIFI 2.4G TX, Radio 2                      |
| 2   | PoE mode ;WIFI 2.4G TX, Radio 2                          |
| 3   | Adapter mode; WIFI 2.4G TX, Radio 3                      |
| 4   | PoE mode ;WIFI 2.4G TX, Radio 3                          |

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

| The Worst Case Mode for Following Conformance Tests |   |   |   |
|---|---|---|---|
| Tests Item  | Emissions in Restricted Frequency Bands   |   |   |
| Test Condition                                      | Radiated measurement<br>If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type. |   |   |
| Operating Mode < 1GHz                               | CTX   |   |   |
| 1   | Adapter mode; WIFI 2.4G TX, Radio 2   |   |   |
| 2   | PoE mode; WIFI 2.4G TX, Radio 2   |   |   |
| 3   | Adapter mode; WIFI 2.4G TX, Radio 3   |   |   |
| 4   | PoE mode; WIFI 2.4G TX, Radio 3   |   |   |
| Operating Mode > 1GHz                               | CTX   |   |   |
| 1   | Adapter mode; WIFI 2.4G TX, Radio 2   |   |   |
| 2   | Adapter mode; WIFI 2.4G TX, Radio 3   |   |   |
| Orthogonal Planes of EUT                            | X Plane   | Y Plane   | Z Plane   |
|   |    |  |  |
| Worst Planes of EUT                                 |   | V(Radio 2)  | V(Radio 3)  |



| The Worst Case Mode for Following Conformance Tests                                |  |
|--|--|
| Tests Item   | Simultaneous Transmission Analysis                                     |
| Operating Mode   | CTX  |
| 1  | Radio1: WLAN 5G(8*8)+Radio2: WLAN 2.4G+Radio3: WLAN 2.4G+BT            |
| 2  | Radio1: WLAN 5G(8*8)+Radio2: WLAN 2.4G+Radio3: WLAN 5G+BT              |
| 3  | Radio1: WLAN 5G(4*4 Hi+4*4 Low)+Radio2: WLAN 2.4G+Radio3: WLAN 2.4G+BT |
| 4  | Radio1: WLAN 5G(4*4 Hi+4*4 Low)+Radio2: WLAN 2.4G+Radio3: WLAN 5G+BT   |
| Refer to Sporton Test Report No.: FA111206 for Co-location RF Exposure Evaluation. |  |



## 2.4 Accessories

| Accessories             |            |                      |            |                        |
|-------------------------|------------|----------------------|------------|------------------------|
| Bracket ceiling mount 1 | Brand Name | Senao Networks, Inc. | Model Name | CLIP CEILING 9/16 LFP  |
| Bracket ceiling mount 2 | Brand Name | Senao Networks, Inc. | Model Name | CLIP CEILING 15/16 LFP |

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

## 2.5 Support Equipment

| Support Equipment – AC Conduction |                |                          |            |        |        |
|-----------------------------------|----------------|--------------------------|------------|--------|--------|
| No.                               | Equipment      | Brand Name               | Model Name | FCC ID | Remark |
| 1                                 | PoE            | SENAO                    | EPA5006GPR | -      | Note 1 |
| 2                                 | AC Power Cable | -                        | -          | -      | Note 1 |
| 3                                 | Adapter        | ASIAN POWER DEVICES INC. | WA-48A12R  | -      | -      |
| 4                                 | RJ45 Cable     | Power Sync               | CAT-6E-10  | -      | -      |

Note 1: Provided by customer.

| Support Equipment – Conducted |                |            |            |        |        |
|-------------------------------|----------------|------------|------------|--------|--------|
| No.                           | Equipment      | Brand Name | Model Name | FCC ID | Remark |
| 1                             | Notebook       | DELL       | E5410      | -      | -      |
| 2                             | Adapter for NB | DELL       | HA65NM130  | -      | -      |
| 3                             | Notebook       | DELL       | PP13S      | -      | -      |
| 4                             | Adapter for NB | DELL       | AA90PM111  | -      | -      |
| 5                             | Fixture        | -          | -          | -      | Note 1 |

Note 1: Provided by customer.

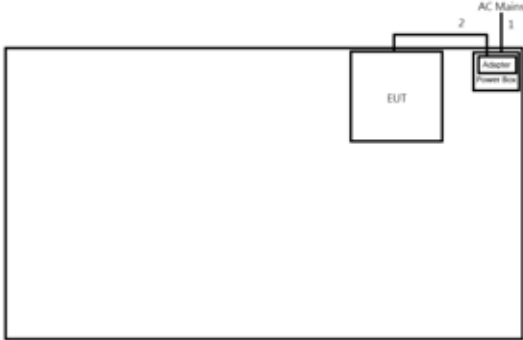
| Support Equipment – Radiated |                         |                          |            |        |        |
|------------------------------|-------------------------|--------------------------|------------|--------|--------|
| No.                          | Equipment               | Brand Name               | Model Name | FCC ID | Remark |
| 1                            | Adapter                 | ASIAN POWER DEVICES INC. | WA-48A12R  | -      | Note 1 |
| 2                            | RJ45 Cable              | Power Sync               | CAT-6E-10  | -      | -      |
| 3                            | PoE (Remote)            | SENAO                    | EPA5006GPR | -      | Note 1 |
| 4                            | AC Power Cable (Remote) | -                        | -          | -      | Note 1 |

Note 1: Provided by customer.



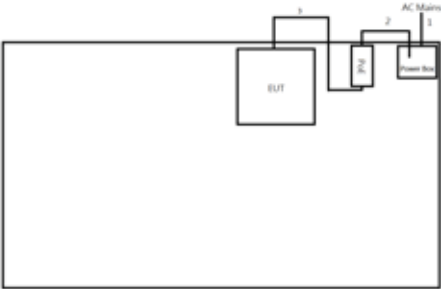
## 2.6 Test Setup Diagram

**Test Setup Diagram – AC Line Conducted Emission Test - Adapter mode**



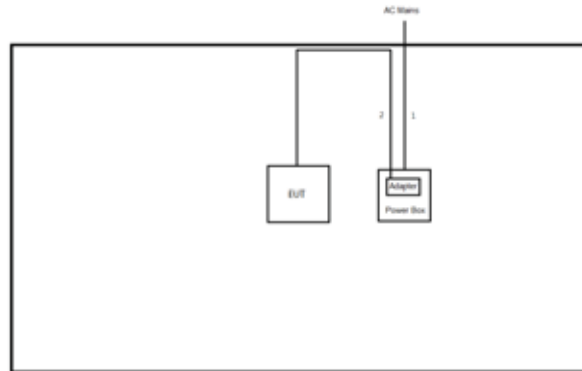
| Item | Connection     | Shielded | Length(m) | Remark |
|------|----------------|----------|-----------|--------|
| 1    | AC Power cable | No       | 1.8       | -      |
| 2    | DC Power cable | No       | 1.5       | -      |

**Test Setup Diagram – AC Line Conducted Emission Test - PoE mode**



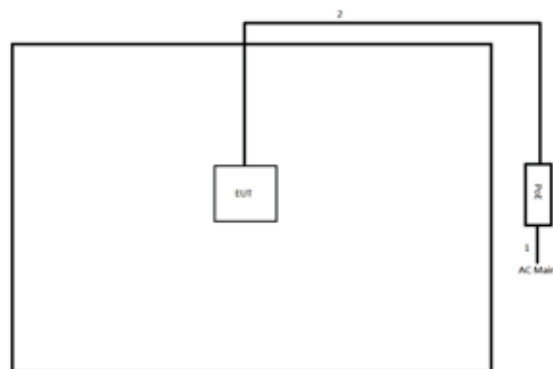
| Item | Connection     | Shielded | Length(m) | Remark |
|------|----------------|----------|-----------|--------|
| 1    | AC Power cable | No       | 1.8       | -      |
| 2    | AC Power cable | No       | 0.5       | -      |
| 3    | RJ45 cable     | No       | 10.0      | -      |

Test Setup Diagram - Radiated Test - Adapter mode



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

Test Setup Diagram - Radiated Test - PoE mode



| Item | Connection     | Shielded | Length(m) | Remark |
|------|----------------|----------|-----------|--------|
| 1    | AC Power cable | No       | 0.5       | -      |
| 2    | RJ45 cable     | No       | 10.0      | -      |



### 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

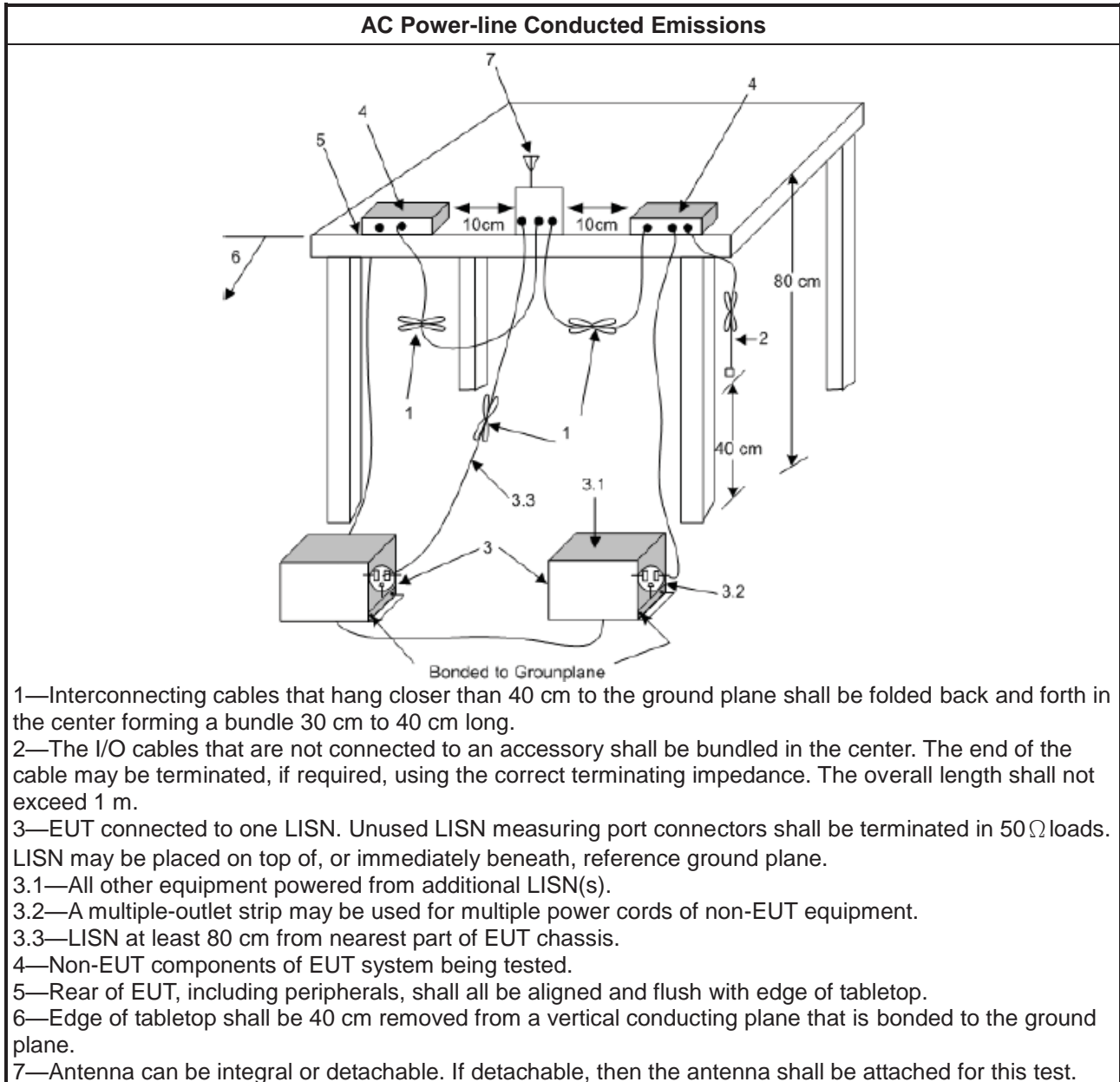
| Test Method  |
|--|
| <input checked="" type="checkbox"/> Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions. |

##### 3.1.4 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Raw(Read Level) + LISN(LISN Factor) + CL(Cable Loss) + AT(Attenuator).

### 3.1.5 Test Setup



### 3.1.6 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>   |
| <ul style="list-style-type: none"> <li>▪ 6 dB bandwidth <math>\geq</math> 500 kHz.</li> </ul> |

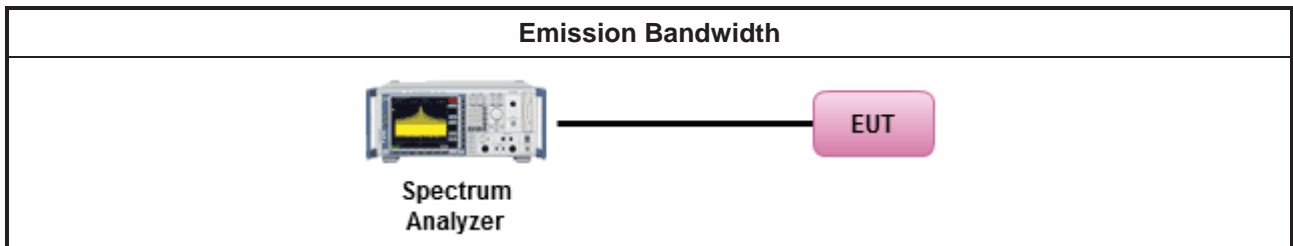
#### 3.2.2 Measuring Instruments

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

#### 3.2.3 Test Procedures

| Test Method  |
|--|
| <ul style="list-style-type: none"> <li>▪ For the emission bandwidth shall be measured using one of the options below:</li> </ul> |
| <input checked="" type="checkbox"/> Refer as KDB 558074. clause 8.2 (11.8 of ANSI C63.10) DTS bandwidth measurement.             |
| <input type="checkbox"/> Refer as RSS-Gen, clause 6.7 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  |   |
|---|---|
|   | <ul style="list-style-type: none"> <li>▪ If <math>G_{TX} \leq 6</math> dBi, then <math>P_{Out} \leq 30</math> dBm (1 W)</li> </ul>  |
|   | <ul style="list-style-type: none"> <li>▪ Point-to-multipoint systems (P2M): If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 6)</math> dBm</li> </ul>     |
|   | <ul style="list-style-type: none"> <li>▪ Point-to-point systems (P2P): If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 6)/3</math> dBm</li> </ul>        |
|   | <ul style="list-style-type: none"> <li>▪ Smart antenna system (SAS):</li> </ul>   |
|   | <ul style="list-style-type: none"> <li>- Single beam: If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 6)/3</math> dBm</li> </ul>                         |
|   | <ul style="list-style-type: none"> <li>- Overlap beam: If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 6)/3</math> dBm</li> </ul>                        |
|   | <ul style="list-style-type: none"> <li>- Aggregate power on all beams: If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 6)/3 + 8</math> dB dBm</li> </ul> |
| e.i.r.p. Power Limit:   |   |
|   | <ul style="list-style-type: none"> <li>▪ 2400-2483.5 MHz Band</li> </ul>  |
|   | <ul style="list-style-type: none"> <li>▪ Point-to-multipoint systems (P2M): <math>P_{eirp} \leq 36</math> dBm (4 W)</li> </ul>  |
|   | <ul style="list-style-type: none"> <li>▪ Point-to-point systems (P2P): <math>P_{eirp} \leq \text{MAX}(36, [P_{Out} + G_{TX}])</math> dBm</li> </ul>                             |
|   | <ul style="list-style-type: none"> <li>▪ Smart antenna system (SAS)</li> </ul>  |
|   | <ul style="list-style-type: none"> <li>- Single beam: <math>P_{eirp} \leq \text{MAX}(36, P_{Out} + G_{TX})</math> dBm</li> </ul>  |
|   | <ul style="list-style-type: none"> <li>- Overlap beam: <math>P_{eirp} \leq \text{MAX}(36, P_{Out} + G_{TX})</math> dBm</li> </ul>   |
|   | <ul style="list-style-type: none"> <li>- Aggregate power on all beams: <math>P_{eirp} \leq \text{MAX}(36, [P_{Out} + G_{TX} + 8])</math> dBm</li> </ul>                         |
| $P_{Out}$ = maximum peak conducted output power or maximum conducted output power in dBm,<br>$G_{TX}$ = the maximum transmitting antenna directional gain in dBi. |   |

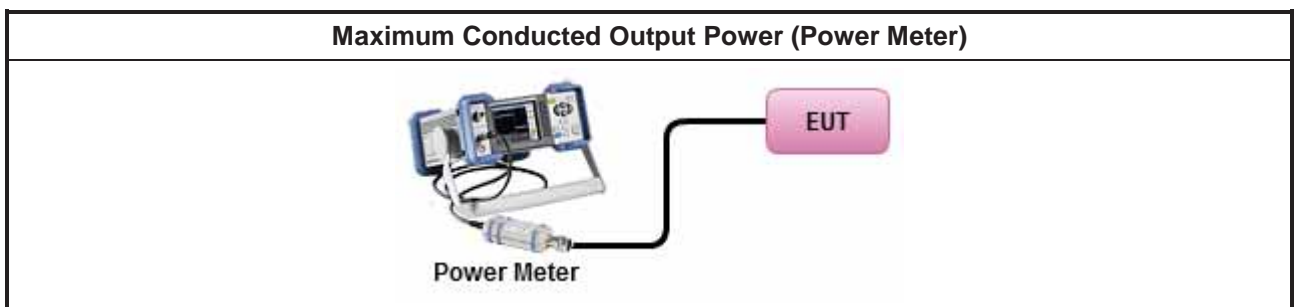
#### 3.3.2 Measuring Instruments

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 8.3.1.1 (11.9.1.1 of ANSI C63.10) RBW ≥ EBW method.             |
| <input type="checkbox"/>   | Refer as KDB 558074, clause 8.3.1.2 (11.9.1.2 of ANSI C63.10) integrated band power method. |
| <input type="checkbox"/>   | Refer as KDB 558074, clause 8.3.1.3 (11.9.1.3 of ANSI C63.10) peak power meter.             |
| <ul style="list-style-type: none"> <li>▪ Maximum Average Conducted Output Power</li> </ul>   |   |
| <input type="checkbox"/>   | Refer as KDB 558074, clause 8.3.2.2 (11.9.2.2 of ANSI C63.10) using a spectrum analyzer.    |
| <input checked="" type="checkbox"/>  | Refer as KDB 558074, clause 8.3.2.3 (11.9.2.3 of ANSI C63.10) using a 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  |
|---|
| <ul style="list-style-type: none"> <li>Power Spectral Density (PSD) <math>\leq</math> 8 dBm/3kHz</li> </ul> |

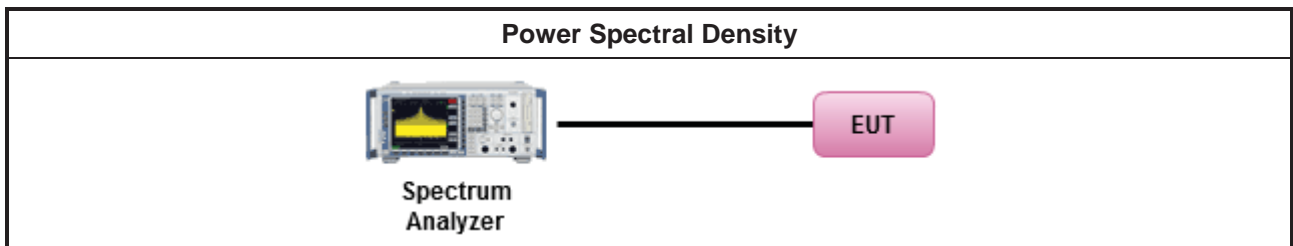
#### 3.4.2 Measuring Instruments

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

#### 3.4.3 Test Procedures

| Test Method   |
|---|
| <ul style="list-style-type: none"> <li>Peak power spectral density procedures that the same method as used to determine the conducted output power. 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).</li> </ul>  |
| <input checked="" type="checkbox"/> Refer as KDB 558074, clause 8.4 (11.10 of ANSI C63.10) Max. PSD.  |
| <ul style="list-style-type: none"> <li>For conducted measurement.             <ul style="list-style-type: none"> <li>If The EUT supports multiple transmit chains using options given below:                 <ul style="list-style-type: none"> <li>Measure and sum the spectra across the outputs. Refer as KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.</li> </ul> </li> </ul> </li> </ul> |

#### 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         |

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 level.

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 level.

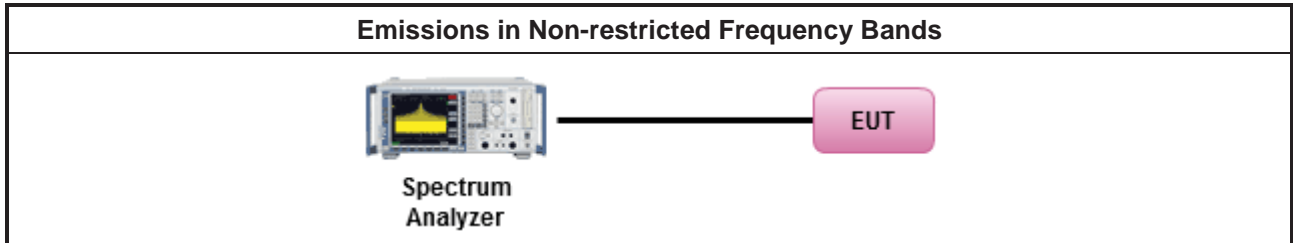
#### 3.5.2 Measuring Instruments

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 8.5 (11.11 of ANSI C63.10) for non-restricted frequency 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

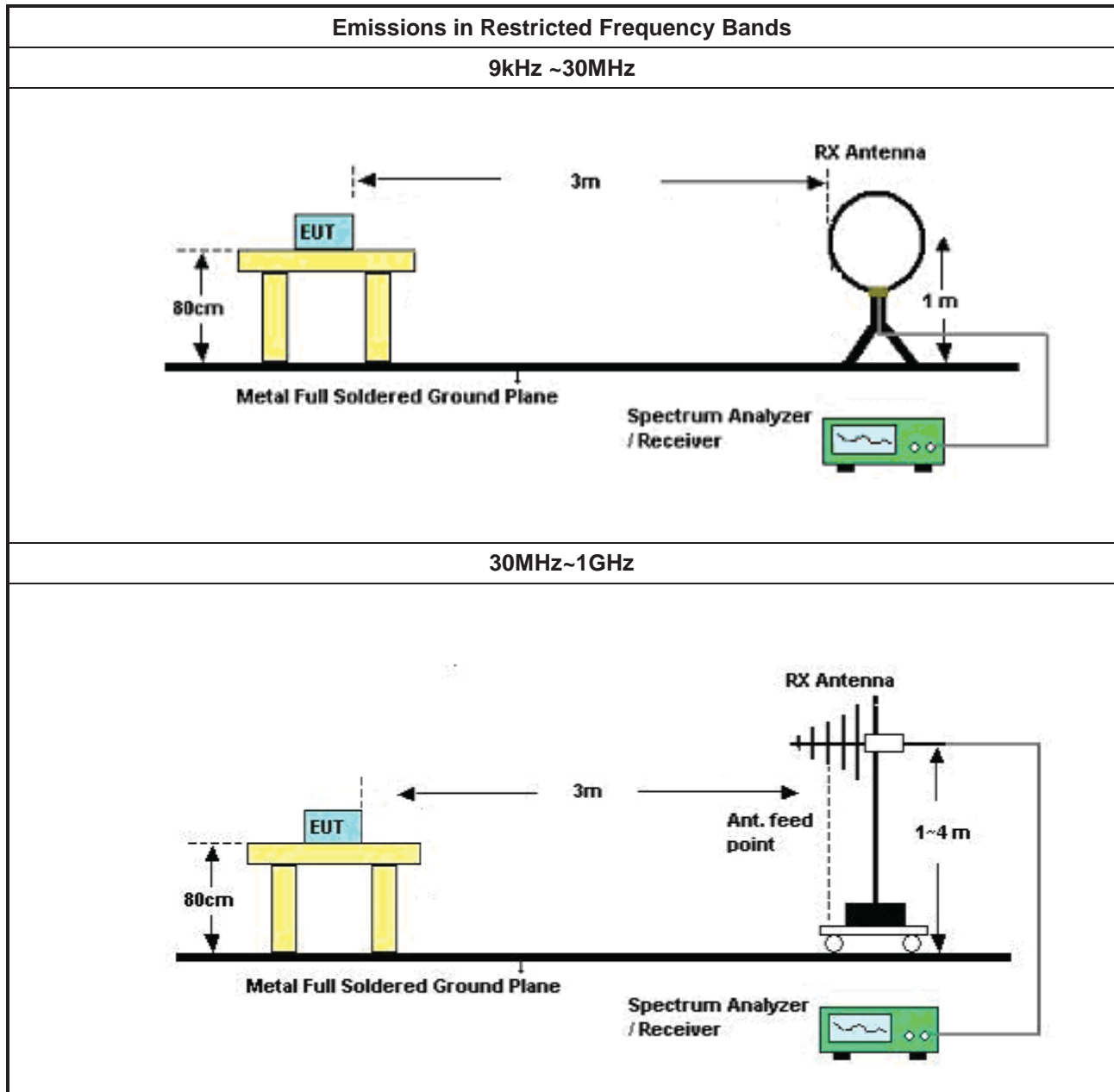
| Test Method |  |
|-------------|--|
|             | <ul style="list-style-type: none"> <li>The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].</li> </ul>   |
|             | <ul style="list-style-type: none"> <li>Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall 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 8.6 (11.12 of ANSI C63.10) for restricted frequency bands.</li> </ul>   |
|             | <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 8.7.1, When the performing peak or average radiated measurements, emissions within 2 MHz of the authorized band edge may be measured using the marker-delta method described below.</li> </ul> |
|             | <ul style="list-style-type: none"> <li>Refer as KDB 558074, clause 8.7.2 (6.10.6 of ANSI C63.10) for marker-delta method for band-edge measurements.</li> </ul>  |
|             | <ul style="list-style-type: none"> <li>Refer as KDB 558074, clause 8.7.3 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels.</li> </ul>   |
|             | <ul style="list-style-type: none"> <li>Use the following spectrum analyzer settings:</li> </ul>  |
|             | <ul style="list-style-type: none"> <li>Set RBW=100 kHz for f &lt; 1 GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.</li> </ul>   |
|             | <ul style="list-style-type: none"> <li>Set RBW = 1 MHz, VBW= 3MHz for f ≥ 1 GHz for peak measurement. For average measurement, refer as 1.1.4.</li> </ul>  |
|             | <ul style="list-style-type: none"> <li>KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.</li> </ul>  |
|             | <ul style="list-style-type: none"> <li>Based on FCC 15.31(f)(2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.</li> </ul>            |
|             | <ul style="list-style-type: none"> <li>Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.</li> </ul>   |

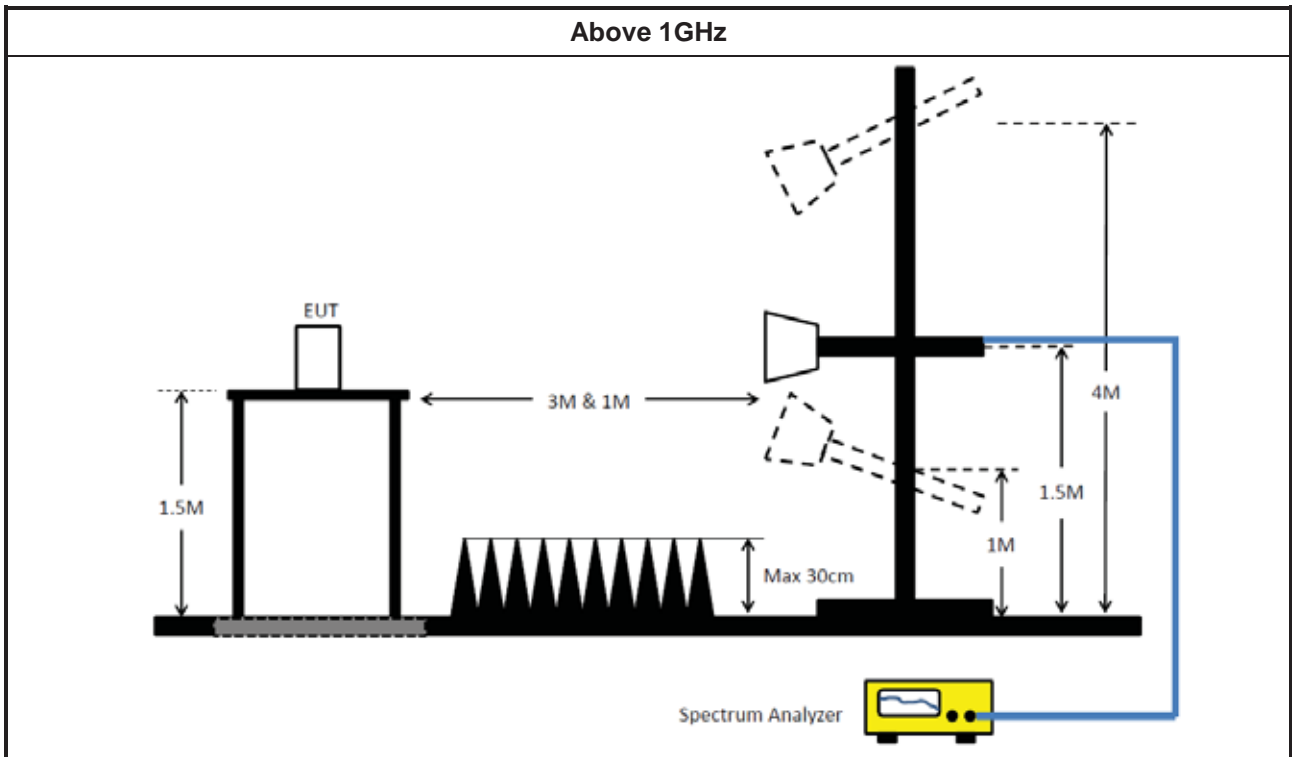
3.6.4 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamplifier Factor)

### 3.6.5 Test Setup





### 3.6.6 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.

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

Refer as Appendix F



## 4 Test Equipment and Calibration Data

### Instrument for AC Conduction

| Instrument                     | Manufacturer /Brand | Model No.   | Serial No.    | Spec.         | Calibration Date | Calibration Due Date |
|--------------------------------|---------------------|-------------|---------------|---------------|------------------|----------------------|
| EMI Test Receiver              | R&S                 | ESR3        | 102051        | 9kHz ~ 3.6GHz | 29/May/2020      | 28/May/2021          |
| LISN                           | R&S                 | ENV216      | 101295        | 9kHz ~ 30MHz  | 11/Nov/2020      | 10/Nov/2021          |
| RF Cable 5m                    | TITAN               | TITAN       | CO04-cable-01 | 0.1MHz~200MHz | 03/Mar/2021      | 02/Mar/2022          |
| Impuls Begrenzer Pulse Limiter | SCHWARZBECK         | VTSD 9561-F | 9561-F041     | 9kHz ~ 30MHz  | 21/Sep/2020      | 20/Sep/2021          |

### Instrument for Conducted Test

| Instrument               | Manufacturer /Brand | Model No. | Serial No. | Spec.        | Calibration Date | Calibration Due Date |
|--------------------------|---------------------|-----------|------------|--------------|------------------|----------------------|
| Signal Analyzer          | R&S                 | FSV 40    | 101029     | 10Hz~40GHz   | 19/Oct/2020      | 18/Oct/2021          |
| SMB100A Signal Generator | R&S                 | SMB100A03 | 181147     | 100kHz~40GHz | 20/Oct/2020      | 19/Oct/2021          |
| Pulse Sensor             | Anritsu             | MA2411B   | 1027452    | 300MHz~40GHz | 18/Mar/2020      | 17/Mar/2021          |
| Power Meter              | Anritsu             | ML2495A   | 1124009    | 300MHz~40GHz | 18/Mar/2020      | 17/Mar/2021          |
| Pulse Sensor             | Anritsu             | MA2411B   | 0917017    | 300MHz~40GHz | 23/Feb/2021      | 22/Feb/2022          |
| Power Meter              | Anritsu             | ML2495A   | 0949003    | 300MHz~40GHz | 23/Feb/2021      | 22/Feb/2022          |



Instrument for Radiated Test

| Instrument                       | Manufacturer /Brand | Model No.              | Serial No.            | Spec.            | Calibration Date | Calibration Due Date |
|----------------------------------|---------------------|------------------------|-----------------------|------------------|------------------|----------------------|
| 3m Semi Anechoic Chamber         | SIDT FRANKONIA      | SAC-3M                 | 03CH02-HY             | 30MHz~1GHz<br>3m | 04/Aug/2020      | 03/Aug/2021          |
| 3m Semi Anechoic Chamber         | SIDT FRANKONIA      | SAC-3M                 | 03CH02-HY             | 1GHz~18GHz<br>3m | 02/Aug/2020      | 01/Aug/2021          |
| Signal Analyzer                  | R&S                 | FSP40                  | 100593                | 9kHz~40GHz       | 27/Feb/2020      | 26/Feb/2021          |
| Signal Analyzer                  | R&S                 | FSV40                  | 101500                | 10Hz~40GHz       | 19/Aug/2020      | 18/Aug/2021          |
| Amplifier                        | Agilent             | 8447D                  | 2944A11149            | 100kHz~1.3GHz    | 30/Jun/2020      | 29/Jun/2021          |
| Microwave Preamplifier           | Agilent             | 8449B                  | 3008A02373            | 1GHz~18GHz       | 23/Oct/2020      | 22/Oct/2021          |
| Bilog Antenna & 5dB Attenuator   | SCHAFFNER / MTJ     | CBL 6112B / MTJ6102-05 | 2723 / 2              | 30MHz~1GHz       | 06/Sep/2020      | 05/Sep/2021          |
| Double Ridged Guide Horn Antenna | SCHWARZBEC          | BBHA 9120 D            | BBHA 9120 D 01543     | 1GHz~18GHz       | 09/Jun/2020      | 08/Jun/2021          |
| RF Cable-R03m                    | Jye Bao             | RG142                  | CB017                 | 9kHz~30MHz       | 20/Jun/2020      | 19/Jun/2021          |
| RF Cable-R03m                    | Jye Bao             | RG142                  | CB017                 | 30MHz~1GHz       | 25/Mar/2020      | 24/Mar/2021          |
| RF Cable-R03m                    | HUBER+SUHNER        | SUCOFLEX104            | 805193/4+<br>805192/4 | 1GHz~40GHz       | 08/Apr/2020      | 07/Apr/2021          |
| Broadband Horn Antenna           | SCHWARZBECK         | BBHA 9170              | BBHA 9170221          | 18GHz~40GHz      | 13/Mar/2020      | 12/Mar/2021          |
| Microwave Prempplier             | EMC INSTRUMENTS     | EM18G40G               | 060604                | 18GHz ~ 40GHz    | 09/Mar/2021      | 08/Mar/2022          |
| Preamplifier                     | MITEQ               | TTA1840-35-HG          | 1864481               | 18GHz~40GHz      | 10/Mar/2020      | 09/Mar/2021          |
| Loop Antenna                     | Teseq               | HLA 6120               | 24155                 | 9kHz~30MHz       | 13/Apr/2020      | 12/Apr/2021          |
| EMI Test Receiver                | R&S                 | ESR3                   | 102051                | 9kHz~3.6GHz      | 29/May/2020      | 28/May/2021          |



## Conducted Emissions at Powerline\_Non-Beamforming\_Radio2 Appendix A.1

### Summary

| Mode   | Result | Type | Freq (Hz) | Level (dBuV) | Limit (dBuV) | Margin (dB) | Condition |
|--------|--------|------|-----------|--------------|--------------|-------------|-----------|
| Mode 1 | Pass   | QP   | 150.6k    | 47.09        | 65.96        | -18.87      | Line      |
| Mode 2 | Pass   | AV   | 469.822k  | 39.64        | 46.52        | -6.88       | Neutral   |

### Mode Configure

| Mode   | Result | Type | Freq (Hz) | Level (dBuV) | Limit (dBuV) | Margin (dB) | Condition | Comments |
|--------|--------|------|-----------|--------------|--------------|-------------|-----------|----------|
| Mode 1 | Pass   | QP   | 150.6k    | 47.09        | 65.96        | -18.87      | Line      | -        |
| Mode 1 | Pass   | AV   | 150.6k    | 30.80        | 55.96        | -25.16      | Line      | -        |
| Mode 1 | Pass   | QP   | 173.876k  | 43.65        | 64.78        | -21.13      | Line      | -        |
| Mode 1 | Pass   | AV   | 173.876k  | 28.29        | 54.78        | -26.49      | Line      | -        |
| Mode 1 | Pass   | QP   | 198.359k  | 40.36        | 63.69        | -23.33      | Line      | -        |
| Mode 1 | Pass   | AV   | 198.359k  | 25.72        | 53.69        | -27.97      | Line      | -        |
| Mode 1 | Pass   | QP   | 662.266k  | 24.23        | 56.00        | -31.77      | Line      | -        |
| Mode 1 | Pass   | AV   | 662.266k  | 21.10        | 46.00        | -24.90      | Line      | -        |
| Mode 1 | Pass   | QP   | 831.484k  | 22.82        | 56.00        | -33.18      | Line      | -        |
| Mode 1 | Pass   | AV   | 831.484k  | 20.32        | 46.00        | -25.68      | Line      | -        |
| Mode 1 | Pass   | QP   | 2.376M    | 22.20        | 56.00        | -33.80      | Line      | -        |
| Mode 1 | Pass   | AV   | 2.376M    | 19.11        | 46.00        | -26.89      | Line      | -        |
| Mode 1 | Pass   | QP   | 152.414k  | 46.61        | 65.87        | -19.26      | Neutral   | -        |
| Mode 1 | Pass   | AV   | 152.414k  | 29.87        | 55.87        | -26.00      | Neutral   | -        |
| Mode 1 | Pass   | QP   | 200.748k  | 39.73        | 63.57        | -23.84      | Neutral   | -        |
| Mode 1 | Pass   | AV   | 200.748k  | 24.36        | 53.57        | -29.21      | Neutral   | -        |
| Mode 1 | Pass   | QP   | 662.266k  | 22.14        | 56.00        | -33.86      | Neutral   | -        |
| Mode 1 | Pass   | AV   | 662.266k  | 19.04        | 46.00        | -26.96      | Neutral   | -        |
| Mode 1 | Pass   | QP   | 834.81k   | 21.41        | 56.00        | -34.59      | Neutral   | -        |
| Mode 1 | Pass   | AV   | 834.81k   | 19.50        | 46.00        | -26.50      | Neutral   | -        |
| Mode 1 | Pass   | QP   | 2.338M    | 20.52        | 56.00        | -35.48      | Neutral   | -        |
| Mode 1 | Pass   | AV   | 2.338M    | 17.42        | 46.00        | -28.58      | Neutral   | -        |
| Mode 1 | Pass   | QP   | 18.713M   | 24.19        | 60.00        | -35.81      | Neutral   | -        |
| Mode 1 | Pass   | AV   | 18.713M   | 20.67        | 50.00        | -29.33      | Neutral   | -        |
| Mode 2 | Pass   | QP   | 157.99k   | 50.90        | 65.56        | -14.66      | Line      | -        |
| Mode 2 | Pass   | AV   | 157.99k   | 35.37        | 55.56        | -20.19      | Line      | -        |
| Mode 2 | Pass   | QP   | 469.822k  | 45.20        | 56.52        | -11.32      | Line      | -        |
| Mode 2 | Pass   | AV   | 469.822k  | 39.62        | 46.52        | -6.90       | Line      | -        |
| Mode 2 | Pass   | QP   | 575.907k  | 36.11        | 56.00        | -19.89      | Line      | -        |
| Mode 2 | Pass   | AV   | 575.907k  | 32.06        | 46.00        | -13.94      | Line      | -        |
| Mode 2 | Pass   | QP   | 1.699M    | 35.14        | 56.00        | -20.86      | Line      | -        |
| Mode 2 | Pass   | AV   | 1.699M    | 30.76        | 46.00        | -15.24      | Line      | -        |
| Mode 2 | Pass   | QP   | 5.175M    | 31.02        | 60.00        | -28.98      | Line      | -        |
| Mode 2 | Pass   | AV   | 5.175M    | 25.67        | 50.00        | -24.33      | Line      | -        |
| Mode 2 | Pass   | QP   | 12.454M   | 31.00        | 60.00        | -29.00      | Line      | -        |
| Mode 2 | Pass   | AV   | 12.454M   | 26.44        | 50.00        | -23.56      | Line      | -        |
| Mode 2 | Pass   | QP   | 153.636k  | 51.74        | 65.81        | -14.07      | Neutral   | -        |
| Mode 2 | Pass   | AV   | 153.636k  | 36.10        | 55.81        | -19.71      | Neutral   | -        |
| Mode 2 | Pass   | QP   | 469.822k  | 45.17        | 56.52        | -11.35      | Neutral   | -        |
| Mode 2 | Pass   | AV   | 469.822k  | 39.64        | 46.52        | -6.88       | Neutral   | -        |
| Mode 2 | Pass   | QP   | 580.524k  | 34.35        | 56.00        | -21.65      | Neutral   | -        |
| Mode 2 | Pass   | AV   | 580.524k  | 31.02        | 46.00        | -14.98      | Neutral   | -        |
| Mode 2 | Pass   | QP   | 991.146k  | 32.13        | 56.00        | -23.87      | Neutral   | -        |



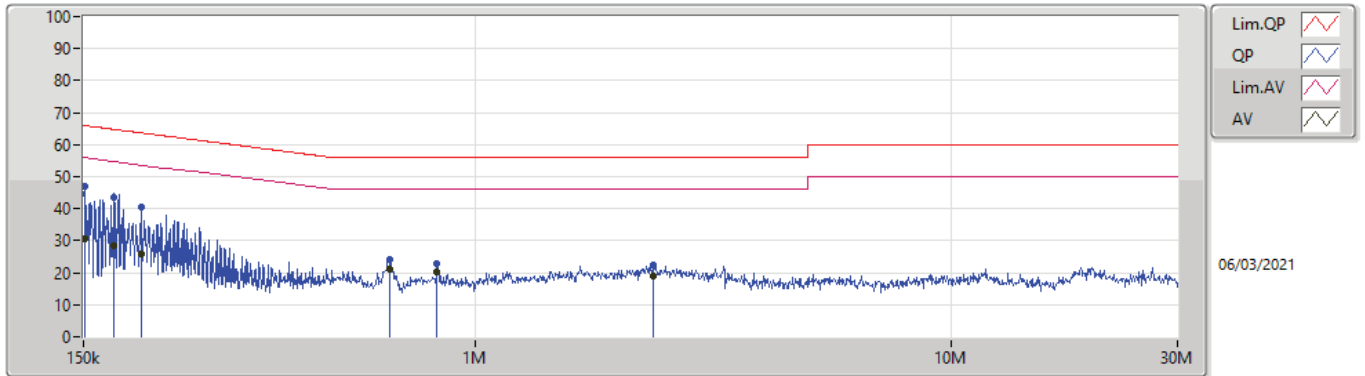


## Conducted Emissions at Powerline\_Non-Beamforming\_Radio2 Appendix A.1

| Mode   | Result | Type | Freq (Hz) | Level (dBuV) | Limit (dBuV) | Margin (dB) | Condition | Comments |
|--------|--------|------|-----------|--------------|--------------|-------------|-----------|----------|
| Mode 2 | Pass   | AV   | 991.146k  | 28.18        | 46.00        | -17.82      | Neutral   | -        |
| Mode 2 | Pass   | QP   | 4.952M    | 29.35        | 56.00        | -26.65      | Neutral   | -        |
| Mode 2 | Pass   | AV   | 4.952M    | 23.67        | 46.00        | -22.33      | Neutral   | -        |
| Mode 2 | Pass   | QP   | 11.637M   | 30.15        | 60.00        | -29.85      | Neutral   | -        |
| Mode 2 | Pass   | AV   | 11.637M   | 25.49        | 50.00        | -24.51      | Neutral   | -        |



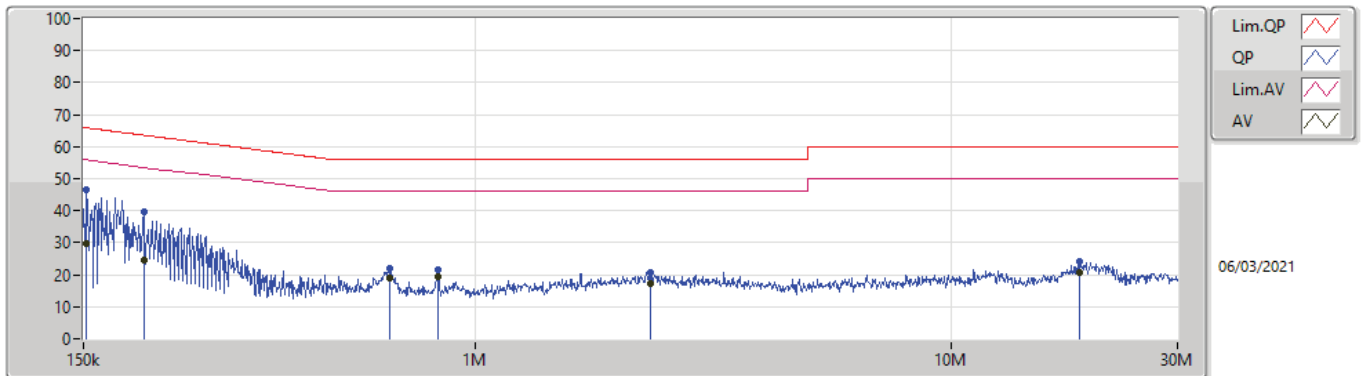
### Conducted Emissions at Powerline\_Mode 1



| Type | Freq (Hz) | Level (dBuV) | Limit (dBuV) | Margin (dB) | Factor (dB) | Condition | Comment | Raw (dBuV) | LISN (dB) | CL (dB) | AT (dB) |  |  |  |
|------|-----------|--------------|--------------|-------------|-------------|-----------|---------|------------|-----------|---------|---------|--|--|--|
| QP   | 150.6k    | 47.09        | 65.96        | -18.87      | 19.63       | Line      | -       | 27.46      | 9.69      | 0.04    | 9.90    |  |  |  |
| AV   | 150.6k    | 30.80        | 55.96        | -25.16      | 19.63       | Line      | -       | 11.17      | 9.69      | 0.04    | 9.90    |  |  |  |
| QP   | 173.876k  | 43.65        | 64.78        | -21.13      | 19.62       | Line      | -       | 24.03      | 9.68      | 0.04    | 9.90    |  |  |  |
| AV   | 173.876k  | 28.29        | 54.78        | -26.49      | 19.62       | Line      | -       | 8.67       | 9.68      | 0.04    | 9.90    |  |  |  |
| QP   | 198.359k  | 40.36        | 63.69        | -23.33      | 19.62       | Line      | -       | 20.74      | 9.68      | 0.04    | 9.90    |  |  |  |
| AV   | 198.359k  | 25.72        | 53.69        | -27.97      | 19.62       | Line      | -       | 6.10       | 9.68      | 0.04    | 9.90    |  |  |  |
| QP   | 662.266k  | 24.23        | 56.00        | -31.77      | 19.58       | Line      | -       | 4.65       | 9.67      | 0.07    | 9.84    |  |  |  |
| AV   | 662.266k  | 21.10        | 46.00        | -24.90      | 19.58       | Line      | -       | 1.52       | 9.67      | 0.07    | 9.84    |  |  |  |
| QP   | 831.484k  | 22.82        | 56.00        | -33.18      | 19.57       | Line      | -       | 3.25       | 9.67      | 0.08    | 9.82    |  |  |  |
| AV   | 831.484k  | 20.32        | 46.00        | -25.68      | 19.57       | Line      | -       | 0.75       | 9.67      | 0.08    | 9.82    |  |  |  |
| QP   | 2.376M    | 22.20        | 56.00        | -33.80      | 19.61       | Line      | -       | 2.59       | 9.68      | 0.11    | 9.82    |  |  |  |
| AV   | 2.376M    | 19.11        | 46.00        | -26.89      | 19.61       | Line      | -       | -0.50      | 9.68      | 0.11    | 9.82    |  |  |  |



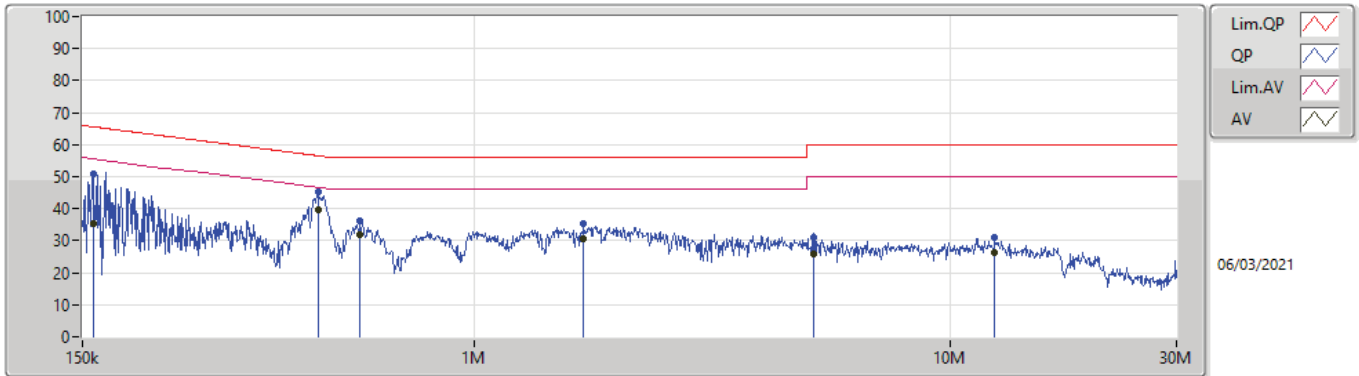
### Conducted Emissions at Powerline\_Mode 1



| Type | Freq (Hz) | Level (dBuV) | Limit (dBuV) | Margin (dB) | Factor (dB) | Condition | Comment | Raw (dBuV) | LISN (dB) | CL (dB) | AT (dB) |
|------|-----------|--------------|--------------|-------------|-------------|-----------|---------|------------|-----------|---------|---------|
| QP   | 152.414k  | 46.61        | 65.87        | -19.26      | 19.63       | Neutral   | -       | 26.98      | 9.69      | 0.04    | 9.90    |
| AV   | 152.414k  | 29.87        | 55.87        | -26.00      | 19.63       | Neutral   | -       | 10.24      | 9.69      | 0.04    | 9.90    |
| QP   | 200.748k  | 39.73        | 63.57        | -23.84      | 19.62       | Neutral   | -       | 20.11      | 9.68      | 0.04    | 9.90    |
| AV   | 200.748k  | 24.36        | 53.57        | -29.21      | 19.62       | Neutral   | -       | 4.74       | 9.68      | 0.04    | 9.90    |
| QP   | 662.266k  | 22.14        | 56.00        | -33.86      | 19.58       | Neutral   | -       | 2.56       | 9.67      | 0.07    | 9.84    |
| AV   | 662.266k  | 19.04        | 46.00        | -26.96      | 19.58       | Neutral   | -       | -0.54      | 9.67      | 0.07    | 9.84    |
| QP   | 834.81k   | 21.41        | 56.00        | -34.59      | 19.57       | Neutral   | -       | 1.84       | 9.67      | 0.08    | 9.82    |
| AV   | 834.81k   | 19.50        | 46.00        | -26.50      | 19.57       | Neutral   | -       | -0.07      | 9.67      | 0.08    | 9.82    |
| QP   | 2.338M    | 20.52        | 56.00        | -35.48      | 19.61       | Neutral   | -       | 0.91       | 9.68      | 0.11    | 9.82    |
| AV   | 2.338M    | 17.42        | 46.00        | -28.58      | 19.61       | Neutral   | -       | -2.19      | 9.68      | 0.11    | 9.82    |
| QP   | 18.713M   | 24.19        | 60.00        | -35.81      | 19.94       | Neutral   | -       | 4.25       | 9.75      | 0.29    | 9.90    |
| AV   | 18.713M   | 20.67        | 50.00        | -29.33      | 19.94       | Neutral   | -       | 0.73       | 9.75      | 0.29    | 9.90    |



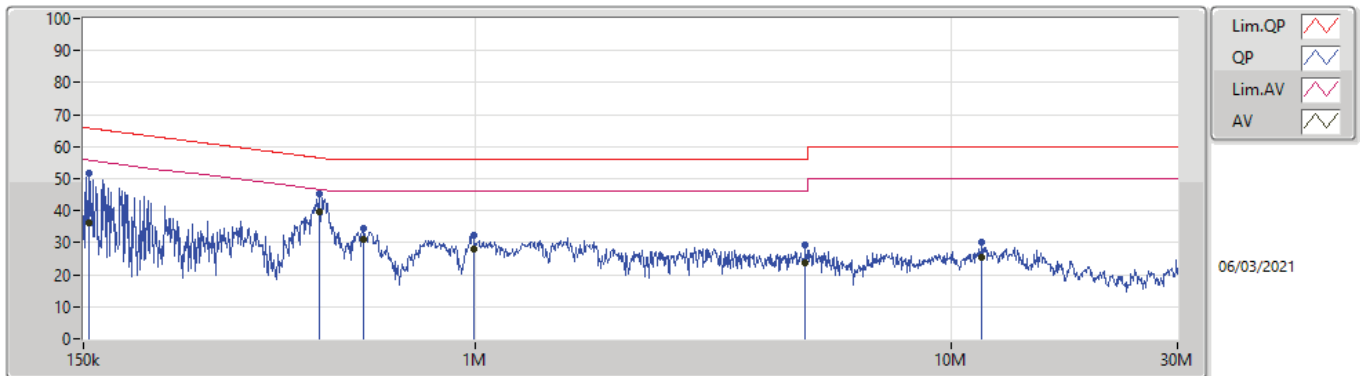
### Conducted Emissions at Powerline\_Mode 2



| Type | Freq (Hz) | Level (dBuV) | Limit (dBuV) | Margin (dB) | Factor (dB) | Condition | Comment | Raw (dBuV) | LISN (dB) | CL (dB) | AT (dB) |
|------|-----------|--------------|--------------|-------------|-------------|-----------|---------|------------|-----------|---------|---------|
| QP   | 157.99k   | 50.90        | 65.56        | -14.66      | 19.63       | Line      | -       | 31.27      | 9.69      | 0.04    | 9.90    |
| AV   | 157.99k   | 35.37        | 55.56        | -20.19      | 19.63       | Line      | -       | 15.74      | 9.69      | 0.04    | 9.90    |
| QP   | 469.822k  | 45.20        | 56.52        | -11.32      | 19.61       | Line      | -       | 25.59      | 9.67      | 0.06    | 9.88    |
| AV   | 469.822k  | 39.62        | 46.52        | -6.90       | 19.61       | Line      | -       | 20.01      | 9.67      | 0.06    | 9.88    |
| QP   | 575.907k  | 36.11        | 56.00        | -19.89      | 19.60       | Line      | -       | 16.51      | 9.67      | 0.07    | 9.86    |
| AV   | 575.907k  | 32.06        | 46.00        | -13.94      | 19.60       | Line      | -       | 12.46      | 9.67      | 0.07    | 9.86    |
| QP   | 1.699M    | 35.14        | 56.00        | -20.86      | 19.58       | Line      | -       | 15.56      | 9.68      | 0.10    | 9.80    |
| AV   | 1.699M    | 30.76        | 46.00        | -15.24      | 19.58       | Line      | -       | 11.18      | 9.68      | 0.10    | 9.80    |
| QP   | 5.175M    | 31.02        | 60.00        | -28.98      | 19.76       | Line      | -       | 11.26      | 9.70      | 0.16    | 9.90    |
| AV   | 5.175M    | 25.67        | 50.00        | -24.33      | 19.76       | Line      | -       | 5.91       | 9.70      | 0.16    | 9.90    |
| QP   | 12.454M   | 31.00        | 60.00        | -29.00      | 19.83       | Line      | -       | 11.17      | 9.70      | 0.23    | 9.90    |
| AV   | 12.454M   | 26.44        | 50.00        | -23.56      | 19.83       | Line      | -       | 6.61       | 9.70      | 0.23    | 9.90    |



### Conducted Emissions at Powerline\_Mode 2



| Type | Freq (Hz) | Level (dBuV) | Limit (dBuV) | Margin (dB) | Factor (dB) | Condition | Comment | Raw (dBuV) | LISN (dB) | CL (dB) | AT (dB) |
|------|-----------|--------------|--------------|-------------|-------------|-----------|---------|------------|-----------|---------|---------|
| QP   | 153.636k  | 51.74        | 65.81        | -14.07      | 19.63       | Neutral   | -       | 32.11      | 9.69      | 0.04    | 9.90    |
| AV   | 153.636k  | 36.10        | 55.81        | -19.71      | 19.63       | Neutral   | -       | 16.47      | 9.69      | 0.04    | 9.90    |
| QP   | 469.822k  | 45.17        | 56.52        | -11.35      | 19.61       | Neutral   | -       | 25.56      | 9.67      | 0.06    | 9.88    |
| AV   | 469.822k  | 39.64        | 46.52        | -6.88       | 19.61       | Neutral   | -       | 20.03      | 9.67      | 0.06    | 9.88    |
| QP   | 580.524k  | 34.35        | 56.00        | -21.65      | 19.60       | Neutral   | -       | 14.75      | 9.67      | 0.07    | 9.86    |
| AV   | 580.524k  | 31.02        | 46.00        | -14.98      | 19.60       | Neutral   | -       | 11.42      | 9.67      | 0.07    | 9.86    |
| QP   | 991.146k  | 32.13        | 56.00        | -23.87      | 19.55       | Neutral   | -       | 12.58      | 9.67      | 0.08    | 9.80    |
| AV   | 991.146k  | 28.18        | 46.00        | -17.82      | 19.55       | Neutral   | -       | 8.63       | 9.67      | 0.08    | 9.80    |
| QP   | 4.952M    | 29.35        | 56.00        | -26.65      | 19.75       | Neutral   | -       | 9.60       | 9.70      | 0.15    | 9.90    |
| AV   | 4.952M    | 23.67        | 46.00        | -22.33      | 19.75       | Neutral   | -       | 3.92       | 9.70      | 0.15    | 9.90    |
| QP   | 11.637M   | 30.15        | 60.00        | -29.85      | 19.85       | Neutral   | -       | 10.30      | 9.73      | 0.22    | 9.90    |
| AV   | 11.637M   | 25.49        | 50.00        | -24.51      | 19.85       | Neutral   | -       | 5.64       | 9.73      | 0.22    | 9.90    |



## Conducted Emissions at Powerline\_Non-Beamforming\_Radio3 Appendix A.2

### Summary

| Mode   | Result | Type | Freq (Hz) | Level (dBuV) | Limit (dBuV) | Margin (dB) | Condition |
|--------|--------|------|-----------|--------------|--------------|-------------|-----------|
| Mode 3 | Pass   | QP   | 153.024k  | 46.45        | 65.83        | -19.38      | Neutral   |
| Mode 4 | Pass   | AV   | 466.086k  | 39.94        | 46.59        | -6.65       | Line      |

### Mode Configure

| Mode   | Result | Type | Freq (Hz) | Level (dBuV) | Limit (dBuV) | Margin (dB) | Condition | Comments |
|--------|--------|------|-----------|--------------|--------------|-------------|-----------|----------|
| Mode 3 | Pass   | QP   | 166.406k  | 44.01        | 65.14        | -21.13      | Line      | -        |
| Mode 3 | Pass   | AV   | 166.406k  | 27.55        | 55.14        | -27.59      | Line      | -        |
| Mode 3 | Pass   | QP   | 659.627k  | 24.47        | 56.00        | -31.53      | Line      | -        |
| Mode 3 | Pass   | AV   | 659.627k  | 21.13        | 46.00        | -24.87      | Line      | -        |
| Mode 3 | Pass   | QP   | 831.484k  | 22.84        | 56.00        | -33.16      | Line      | -        |
| Mode 3 | Pass   | AV   | 831.484k  | 20.30        | 46.00        | -25.70      | Line      | -        |
| Mode 3 | Pass   | QP   | 2.041M    | 21.68        | 56.00        | -34.32      | Line      | -        |
| Mode 3 | Pass   | AV   | 2.041M    | 18.71        | 46.00        | -27.29      | Line      | -        |
| Mode 3 | Pass   | QP   | 6.047M    | 18.39        | 60.00        | -41.61      | Line      | -        |
| Mode 3 | Pass   | AV   | 6.047M    | 15.78        | 50.00        | -34.22      | Line      | -        |
| Mode 3 | Pass   | QP   | 20.431M   | 21.80        | 60.00        | -38.20      | Line      | -        |
| Mode 3 | Pass   | AV   | 20.431M   | 18.38        | 50.00        | -31.62      | Line      | -        |
| Mode 3 | Pass   | QP   | 153.024k  | 46.45        | 65.83        | -19.38      | Neutral   | -        |
| Mode 3 | Pass   | AV   | 153.024k  | 29.51        | 55.83        | -26.32      | Neutral   | -        |
| Mode 3 | Pass   | QP   | 654.382k  | 22.72        | 56.00        | -33.28      | Neutral   | -        |
| Mode 3 | Pass   | AV   | 654.382k  | 19.15        | 46.00        | -26.85      | Neutral   | -        |
| Mode 3 | Pass   | QP   | 831.484k  | 21.18        | 56.00        | -34.82      | Neutral   | -        |
| Mode 3 | Pass   | AV   | 831.484k  | 19.43        | 46.00        | -26.57      | Neutral   | -        |
| Mode 3 | Pass   | QP   | 1.665M    | 22.62        | 56.00        | -33.38      | Neutral   | -        |
| Mode 3 | Pass   | AV   | 1.665M    | 19.94        | 46.00        | -26.06      | Neutral   | -        |
| Mode 3 | Pass   | QP   | 3.031M    | 19.45        | 56.00        | -36.55      | Neutral   | -        |
| Mode 3 | Pass   | AV   | 3.031M    | 16.74        | 46.00        | -29.26      | Neutral   | -        |
| Mode 3 | Pass   | QP   | 18.491M   | 24.07        | 60.00        | -35.93      | Neutral   | -        |
| Mode 3 | Pass   | AV   | 18.491M   | 20.60        | 50.00        | -29.40      | Neutral   | -        |
| Mode 4 | Pass   | QP   | 150k      | 51.68        | 66.00        | -14.32      | Line      | -        |
| Mode 4 | Pass   | AV   | 150k      | 36.02        | 56.00        | -19.98      | Line      | -        |
| Mode 4 | Pass   | QP   | 466.086k  | 45.03        | 56.59        | -11.56      | Line      | -        |
| Mode 4 | Pass   | AV   | 466.086k  | 39.94        | 46.59        | -6.65       | Line      | -        |
| Mode 4 | Pass   | QP   | 580.524k  | 36.11        | 56.00        | -19.89      | Line      | -        |
| Mode 4 | Pass   | AV   | 580.524k  | 32.71        | 46.00        | -13.29      | Line      | -        |
| Mode 4 | Pass   | QP   | 1.782M    | 35.85        | 56.00        | -20.15      | Line      | -        |
| Mode 4 | Pass   | AV   | 1.782M    | 31.58        | 46.00        | -14.42      | Line      | -        |
| Mode 4 | Pass   | QP   | 4.913M    | 31.70        | 56.00        | -24.30      | Line      | -        |
| Mode 4 | Pass   | AV   | 4.913M    | 26.39        | 46.00        | -19.61      | Line      | -        |
| Mode 4 | Pass   | QP   | 12.015M   | 31.79        | 60.00        | -28.21      | Line      | -        |
| Mode 4 | Pass   | AV   | 12.015M   | 27.04        | 50.00        | -22.96      | Line      | -        |
| Mode 4 | Pass   | QP   | 153.636k  | 51.49        | 65.81        | -14.32      | Neutral   | -        |
| Mode 4 | Pass   | AV   | 153.636k  | 35.91        | 55.81        | -19.90      | Neutral   | -        |
| Mode 4 | Pass   | QP   | 467.95k   | 45.15        | 56.55        | -11.40      | Neutral   | -        |
| Mode 4 | Pass   | AV   | 467.95k   | 39.82        | 46.55        | -6.73       | Neutral   | -        |
| Mode 4 | Pass   | QP   | 580.524k  | 34.29        | 56.00        | -21.71      | Neutral   | -        |
| Mode 4 | Pass   | AV   | 580.524k  | 30.97        | 46.00        | -15.03      | Neutral   | -        |
| Mode 4 | Pass   | QP   | 1.321M    | 32.07        | 56.00        | -23.93      | Neutral   | -        |

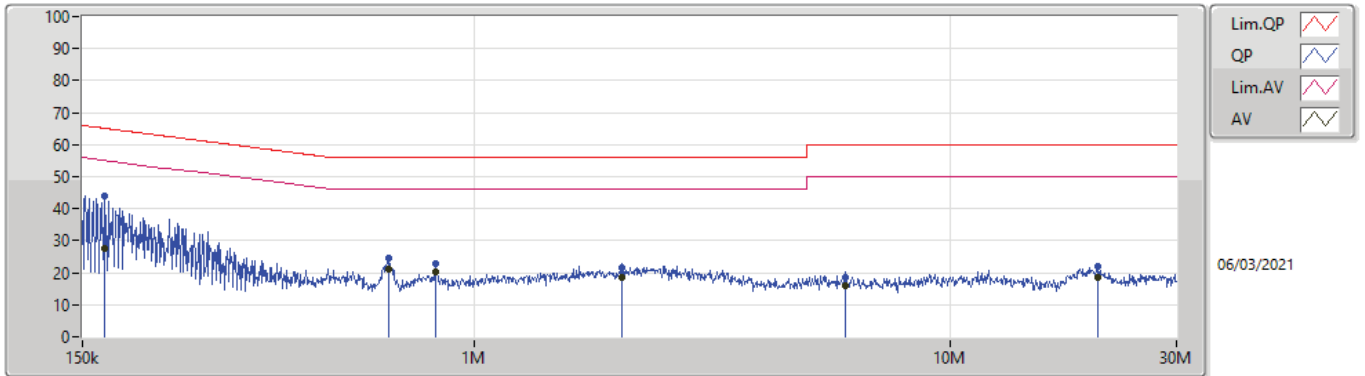


## Conducted Emissions at Powerline\_Non-Beamforming\_Radio3 Appendix A.2

| Mode   | Result | Type | Freq (Hz) | Level (dBuV) | Limit (dBuV) | Margin (dB) | Condition | Comments |
|--------|--------|------|-----------|--------------|--------------|-------------|-----------|----------|
| Mode 4 | Pass   | AV   | 1.321M    | 28.50        | 46.00        | -17.50      | Neutral   | -        |
| Mode 4 | Pass   | QP   | 2.889M    | 28.53        | 56.00        | -27.47      | Neutral   | -        |
| Mode 4 | Pass   | AV   | 2.889M    | 23.12        | 46.00        | -22.88      | Neutral   | -        |
| Mode 4 | Pass   | QP   | 11.73M    | 29.96        | 60.00        | -30.04      | Neutral   | -        |
| Mode 4 | Pass   | AV   | 11.73M    | 25.29        | 50.00        | -24.71      | Neutral   | -        |



### Conducted Emissions at Powerline Mode 3

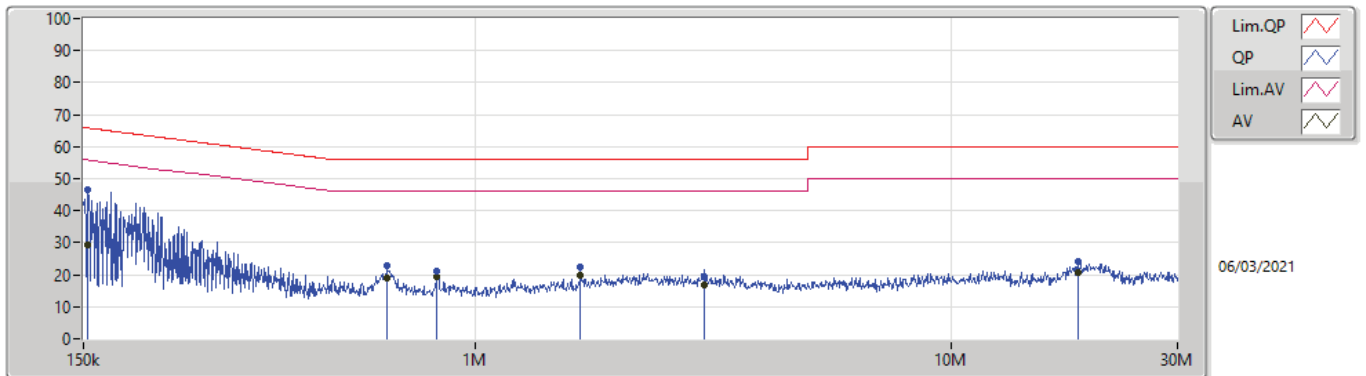


| Type | Freq<br>(Hz) | Level<br>(dBuV) | Limit<br>(dBuV) | Margin<br>(dB) | Factor<br>(dB) | Condition | Comment | Raw<br>(dBuV) | LISN<br>(dB) | CL<br>(dB) | AT<br>(dB) |  |  |  |
|------|--------------|-----------------|-----------------|----------------|----------------|-----------|---------|---------------|--------------|------------|------------|--|--|--|
| QP   | 166.406k     | 44.01           | 65.14           | -21.13         | 19.63          | Line      | -       | 24.38         | 9.69         | 0.04       | 9.90       |  |  |  |
| AV   | 166.406k     | 27.55           | 55.14           | -27.59         | 19.63          | Line      | -       | 7.92          | 9.69         | 0.04       | 9.90       |  |  |  |
| QP   | 659.627k     | 24.47           | 56.00           | -31.53         | 19.59          | Line      | -       | 4.88          | 9.67         | 0.07       | 9.85       |  |  |  |
| AV   | 659.627k     | 21.13           | 46.00           | -24.87         | 19.59          | Line      | -       | 1.54          | 9.67         | 0.07       | 9.85       |  |  |  |
| QP   | 831.484k     | 22.84           | 56.00           | -33.16         | 19.57          | Line      | -       | 3.27          | 9.67         | 0.08       | 9.82       |  |  |  |
| AV   | 831.484k     | 20.30           | 46.00           | -25.70         | 19.57          | Line      | -       | 0.73          | 9.67         | 0.08       | 9.82       |  |  |  |
| QP   | 2.041M       | 21.68           | 56.00           | -34.32         | 19.58          | Line      | -       | 2.10          | 9.68         | 0.10       | 9.80       |  |  |  |
| AV   | 2.041M       | 18.71           | 46.00           | -27.29         | 19.58          | Line      | -       | -0.87         | 9.68         | 0.10       | 9.80       |  |  |  |
| QP   | 6.047M       | 18.39           | 60.00           | -41.61         | 19.77          | Line      | -       | -1.38         | 9.70         | 0.17       | 9.90       |  |  |  |
| AV   | 6.047M       | 15.78           | 50.00           | -34.22         | 19.77          | Line      | -       | -3.99         | 9.70         | 0.17       | 9.90       |  |  |  |
| QP   | 20.431M      | 21.80           | 60.00           | -38.20         | 19.86          | Line      | -       | 1.94          | 9.66         | 0.30       | 9.90       |  |  |  |
| AV   | 20.431M      | 18.38           | 50.00           | -31.62         | 19.86          | Line      | -       | -1.48         | 9.66         | 0.30       | 9.90       |  |  |  |





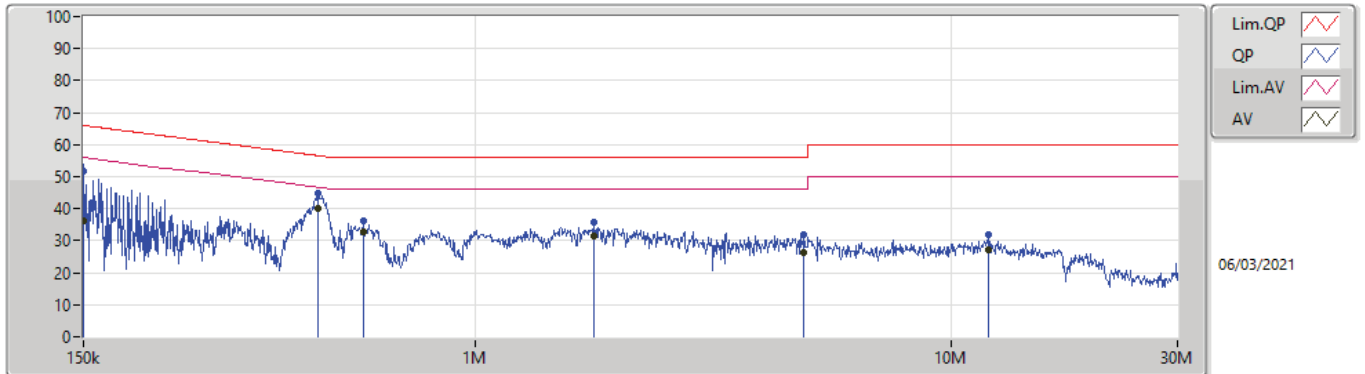
### Conducted Emissions at Powerline Mode 3



| Type | Freq (Hz) | Level (dBuV) | Limit (dBuV) | Margin (dB) | Factor (dB) | Condition | Comment | Raw (dBuV) | LISN (dB) | CL (dB) | AT (dB) |
|------|-----------|--------------|--------------|-------------|-------------|-----------|---------|------------|-----------|---------|---------|
| QP   | 153.024k  | 46.45        | 65.83        | -19.38      | 19.63       | Neutral   | -       | 26.82      | 9.69      | 0.04    | 9.90    |
| AV   | 153.024k  | 29.51        | 55.83        | -26.32      | 19.63       | Neutral   | -       | 9.88       | 9.69      | 0.04    | 9.90    |
| QP   | 654.382k  | 22.72        | 56.00        | -33.28      | 19.59       | Neutral   | -       | 3.13       | 9.67      | 0.07    | 9.85    |
| AV   | 654.382k  | 19.15        | 46.00        | -26.85      | 19.59       | Neutral   | -       | -0.44      | 9.67      | 0.07    | 9.85    |
| QP   | 831.484k  | 21.18        | 56.00        | -34.82      | 19.57       | Neutral   | -       | 1.61       | 9.67      | 0.08    | 9.82    |
| AV   | 831.484k  | 19.43        | 46.00        | -26.57      | 19.57       | Neutral   | -       | -0.14      | 9.67      | 0.08    | 9.82    |
| QP   | 1.665M    | 22.62        | 56.00        | -33.38      | 19.57       | Neutral   | -       | 3.05       | 9.68      | 0.09    | 9.80    |
| AV   | 1.665M    | 19.94        | 46.00        | -26.06      | 19.57       | Neutral   | -       | 0.37       | 9.68      | 0.09    | 9.80    |
| QP   | 3.031M    | 19.45        | 56.00        | -36.55      | 19.67       | Neutral   | -       | -0.22      | 9.69      | 0.12    | 9.86    |
| AV   | 3.031M    | 16.74        | 46.00        | -29.26      | 19.67       | Neutral   | -       | -2.93      | 9.69      | 0.12    | 9.86    |
| QP   | 18.491M   | 24.07        | 60.00        | -35.93      | 19.94       | Neutral   | -       | 4.13       | 9.75      | 0.29    | 9.90    |
| AV   | 18.491M   | 20.60        | 50.00        | -29.40      | 19.94       | Neutral   | -       | 0.66       | 9.75      | 0.29    | 9.90    |



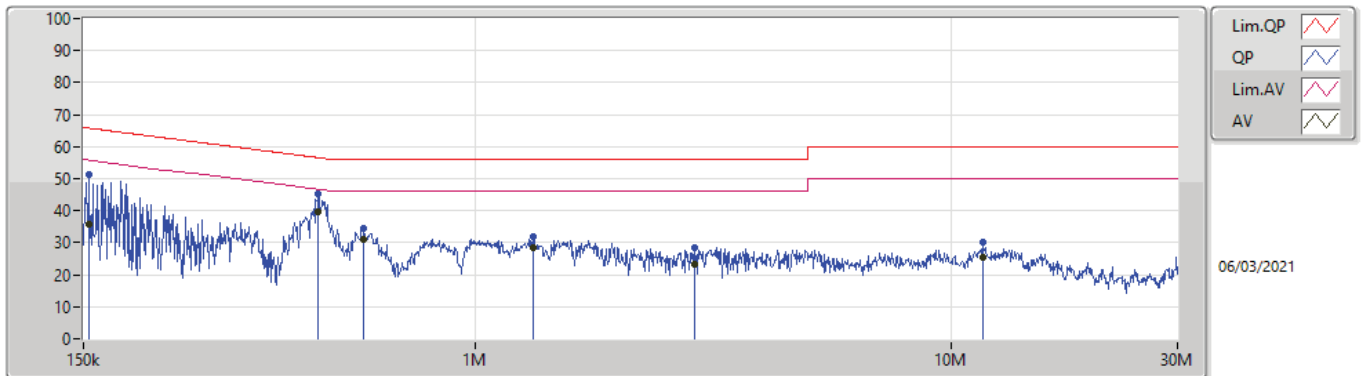
### Conducted Emissions at Powerline Mode 4



| Type | Freq (Hz) | Level (dBuV) | Limit (dBuV) | Margin (dB) | Factor (dB) | Condition | Comment | Raw (dBuV) | LISN (dB) | CL (dB) | AT (dB) |
|------|-----------|--------------|--------------|-------------|-------------|-----------|---------|------------|-----------|---------|---------|
| QP   | 150k      | 51.68        | 66.00        | -14.32      | 19.63       | Line      | -       | 32.05      | 9.69      | 0.04    | 9.90    |
| AV   | 150k      | 36.02        | 56.00        | -19.98      | 19.63       | Line      | -       | 16.39      | 9.69      | 0.04    | 9.90    |
| QP   | 466.086k  | 45.03        | 56.59        | -11.56      | 19.61       | Line      | -       | 25.42      | 9.67      | 0.06    | 9.88    |
| AV   | 466.086k  | 39.94        | 46.59        | -6.65       | 19.61       | Line      | -       | 20.33      | 9.67      | 0.06    | 9.88    |
| QP   | 580.524k  | 36.11        | 56.00        | -19.89      | 19.60       | Line      | -       | 16.51      | 9.67      | 0.07    | 9.86    |
| AV   | 580.524k  | 32.71        | 46.00        | -13.29      | 19.60       | Line      | -       | 13.11      | 9.67      | 0.07    | 9.86    |
| QP   | 1.782M    | 35.85        | 56.00        | -20.15      | 19.58       | Line      | -       | 16.27      | 9.68      | 0.10    | 9.80    |
| AV   | 1.782M    | 31.58        | 46.00        | -14.42      | 19.58       | Line      | -       | 12.00      | 9.68      | 0.10    | 9.80    |
| QP   | 4.913M    | 31.70        | 56.00        | -24.30      | 19.75       | Line      | -       | 11.95      | 9.70      | 0.15    | 9.90    |
| AV   | 4.913M    | 26.39        | 46.00        | -19.61      | 19.75       | Line      | -       | 6.64       | 9.70      | 0.15    | 9.90    |
| QP   | 12.015M   | 31.79        | 60.00        | -28.21      | 19.83       | Line      | -       | 11.96      | 9.71      | 0.22    | 9.90    |
| AV   | 12.015M   | 27.04        | 50.00        | -22.96      | 19.83       | Line      | -       | 7.21       | 9.71      | 0.22    | 9.90    |



### Conducted Emissions at Powerline Mode 4



| Type | Freq<br>(Hz) | Level<br>(dBuV) | Limit<br>(dBuV) | Margin<br>(dB) | Factor<br>(dB) | Condition | Comment | Raw<br>(dBuV) | LISN<br>(dB) | CL<br>(dB) | AT<br>(dB) |  |  |  |
|------|--------------|-----------------|-----------------|----------------|----------------|-----------|---------|---------------|--------------|------------|------------|--|--|--|
| QP   | 153.636k     | 51.49           | 65.81           | -14.32         | 19.63          | Neutral   | -       | 31.86         | 9.69         | 0.04       | 9.90       |  |  |  |
| AV   | 153.636k     | 35.91           | 55.81           | -19.90         | 19.63          | Neutral   | -       | 16.28         | 9.69         | 0.04       | 9.90       |  |  |  |
| QP   | 467.95k      | 45.15           | 56.55           | -11.40         | 19.61          | Neutral   | -       | 25.54         | 9.67         | 0.06       | 9.88       |  |  |  |
| AV   | 467.95k      | 39.82           | 46.55           | -6.73          | 19.61          | Neutral   | -       | 20.21         | 9.67         | 0.06       | 9.88       |  |  |  |
| QP   | 580.524k     | 34.29           | 56.00           | -21.71         | 19.60          | Neutral   | -       | 14.69         | 9.67         | 0.07       | 9.86       |  |  |  |
| AV   | 580.524k     | 30.97           | 46.00           | -15.03         | 19.60          | Neutral   | -       | 11.37         | 9.67         | 0.07       | 9.86       |  |  |  |
| QP   | 1.321M       | 32.07           | 56.00           | -23.93         | 19.56          | Neutral   | -       | 12.51         | 9.67         | 0.09       | 9.80       |  |  |  |
| AV   | 1.321M       | 28.50           | 46.00           | -17.50         | 19.56          | Neutral   | -       | 8.94          | 9.67         | 0.09       | 9.80       |  |  |  |
| QP   | 2.889M       | 28.53           | 56.00           | -27.47         | 19.66          | Neutral   | -       | 8.87          | 9.69         | 0.12       | 9.85       |  |  |  |
| AV   | 2.889M       | 23.12           | 46.00           | -22.88         | 19.66          | Neutral   | -       | 3.46          | 9.69         | 0.12       | 9.85       |  |  |  |
| QP   | 11.73M       | 29.96           | 60.00           | -30.04         | 19.85          | Neutral   | -       | 10.11         | 9.73         | 0.22       | 9.90       |  |  |  |
| AV   | 11.73M       | 25.29           | 50.00           | -24.71         | 19.85          | Neutral   | -       | 5.44          | 9.73         | 0.22       | 9.90       |  |  |  |



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)_4TX       | 8.05M            | 14.043M         | 14M0G1D  | 7.025M           | 12.919M         |
| 802.11g_Nss1,(6Mbps)_4TX       | 16.325M          | 17.266M         | 17M3D1D  | 15.325M          | 16.392M         |
| 802.11n HT20_Nss1,(MCS0)_4TX   | 17.575M          | 18.066M         | 18M1D1D  | 16.65M           | 17.566M         |
| 802.11n HT40_Nss1,(MCS0)_4TX   | 36.3M            | 36.432M         | 36M4D1D  | 33.15M           | 36.182M         |
| VHT20_Nss1,(MCS0)_4TX          | 17.55M           | 17.866M         | 17M9D1D  | 16.475M          | 17.591M         |
| VHT40_Nss1,(MCS0)_4TX          | 36.3M            | 36.382M         | 36M4D1D  | 35.2M            | 36.182M         |
| 802.11ax HEW20_Nss1,(MCS0)_4TX | 18.925M          | 19.34M          | 19M3D1D  | 18.05M           | 18.866M         |
| 802.11ax HEW40_Nss1,(MCS0)_4TX | 37.95M           | 38.081M         | 38M1D1D  | 36.3M            | 37.781M         |

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 (Hz) | Port 1-N dB (Hz) | Port 1-OBW (Hz) | Port 2-N dB (Hz) | Port 2-OBW (Hz) | Port 3-N dB (Hz) | Port 3-OBW (Hz) | Port 4-N dB (Hz) | Port 4-OBW (Hz) |
|--------------------------------|--------|------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|
| 802.11b_Nss1,(1Mbps)_4TX       | -      | -          | -                | -               | -                | -               | -                | -               | -                | -               |
| 2412MHz                        | Pass   | 500k       | 7.05M            | 13.443M         | 8.05M            | 13.393M         | 7.075M           | 14.043M         | 7.05M            | 13.743M         |
| 2437MHz                        | Pass   | 500k       | 7.025M           | 12.944M         | 7.05M            | 12.919M         | 7.55M            | 12.994M         | 7.575M           | 12.944M         |
| 2462MHz                        | Pass   | 500k       | 7.55M            | 13.318M         | 8.025M           | 13.193M         | 7.1M             | 13.643M         | 7.525M           | 13.868M         |
| 802.11g_Nss1,(6Mbps)_4TX       | -      | -          | -                | -               | -                | -               | -                | -               | -                | -               |
| 2412MHz                        | Pass   | 500k       | 15.925M          | 16.417M         | 15.9M            | 16.442M         | 16.05M           | 16.517M         | 15.75M           | 16.417M         |
| 2437MHz                        | Pass   | 500k       | 16.275M          | 16.717M         | 15.9M            | 16.692M         | 16.025M          | 17.266M         | 15.325M          | 16.617M         |
| 2462MHz                        | Pass   | 500k       | 16.325M          | 16.442M         | 16.3M            | 16.417M         | 16.3M            | 16.467M         | 15.9M            | 16.392M         |
| 802.11n HT20_Nss1,(MCS0)_4TX   | -      | -          | -                | -               | -                | -               | -                | -               | -                | -               |
| 2412MHz                        | Pass   | 500k       | 17.525M          | 17.616M         | 17.525M          | 17.666M         | 17.575M          | 17.691M         | 16.9M            | 17.641M         |
| 2437MHz                        | Pass   | 500k       | 17.275M          | 17.816M         | 17.55M           | 17.866M         | 17.525M          | 18.066M         | 17.575M          | 17.866M         |
| 2462MHz                        | Pass   | 500k       | 16.9M            | 17.641M         | 16.9M            | 17.616M         | 16.65M           | 17.566M         | 17.3M            | 17.616M         |
| 802.11n HT40_Nss1,(MCS0)_4TX   | -      | -          | -                | -               | -                | -               | -                | -               | -                | -               |
| 2422MHz                        | Pass   | 500k       | 35.65M           | 36.282M         | 35.5M            | 36.282M         | 36.05M           | 36.332M         | 35M              | 36.182M         |
| 2437MHz                        | Pass   | 500k       | 35.9M            | 36.182M         | 35.9M            | 36.282M         | 34.45M           | 36.182M         | 35.9M            | 36.332M         |
| 2452MHz                        | Pass   | 500k       | 35.1M            | 36.282M         | 33.15M           | 36.282M         | 36.3M            | 36.432M         | 35.35M           | 36.232M         |
| VHT20_Nss1,(MCS0)_4TX          | -      | -          | -                | -               | -                | -               | -                | -               | -                | -               |
| 2412MHz                        | Pass   | 500k       | 17.525M          | 17.641M         | 17.55M           | 17.691M         | 16.875M          | 17.591M         | 17.175M          | 17.616M         |
| 2437MHz                        | Pass   | 500k       | 16.475M          | 17.841M         | 17.325M          | 17.866M         | 17.55M           | 17.866M         | 17.55M           | 17.866M         |
| 2462MHz                        | Pass   | 500k       | 17.55M           | 17.616M         | 17.55M           | 17.616M         | 17.55M           | 17.691M         | 17.55M           | 17.691M         |
| VHT40_Nss1,(MCS0)_4TX          | -      | -          | -                | -               | -                | -               | -                | -               | -                | -               |
| 2422MHz                        | Pass   | 500k       | 35.65M           | 36.232M         | 36.3M            | 36.282M         | 35.9M            | 36.382M         | 35.95M           | 36.332M         |
| 2437MHz                        | Pass   | 500k       | 36.3M            | 36.232M         | 35.2M            | 36.282M         | 36.05M           | 36.182M         | 35.9M            | 36.332M         |
| 2452MHz                        | Pass   | 500k       | 35.5M            | 36.332M         | 35.7M            | 36.232M         | 36.05M           | 36.332M         | 35.4M            | 36.282M         |
| 802.11ax HEW20_Nss1,(MCS0)_4TX | -      | -          | -                | -               | -                | -               | -                | -               | -                | -               |
| 2412MHz                        | Pass   | 500k       | 18.05M           | 18.916M         | 18.675M          | 18.966M         | 18.5M            | 18.891M         | 18.325M          | 18.866M         |
| 2437MHz                        | Pass   | 500k       | 18.45M           | 19.04M          | 18.875M          | 19.09M          | 18.875M          | 19.34M          | 18.75M           | 19.165M         |
| 2462MHz                        | Pass   | 500k       | 18.075M          | 18.941M         | 18.625M          | 18.891M         | 18.925M          | 19.015M         | 18.8M            | 18.991M         |
| 802.11ax HEW40_Nss1,(MCS0)_4TX | -      | -          | -                | -               | -                | -               | -                | -               | -                | -               |
| 2422MHz                        | Pass   | 500k       | 36.3M            | 37.831M         | 37.85M           | 37.831M         | 37.45M           | 37.831M         | 37.55M           | 37.981M         |
| 2437MHz                        | Pass   | 500k       | 37.65M           | 37.881M         | 37.95M           | 37.881M         | 37.85M           | 38.081M         | 36.95M           | 37.831M         |
| 2452MHz                        | Pass   | 500k       | 37.5M            | 37.931M         | 37.6M            | 37.831M         | 37.7M            | 37.981M         | 37.9M            | 37.781M         |

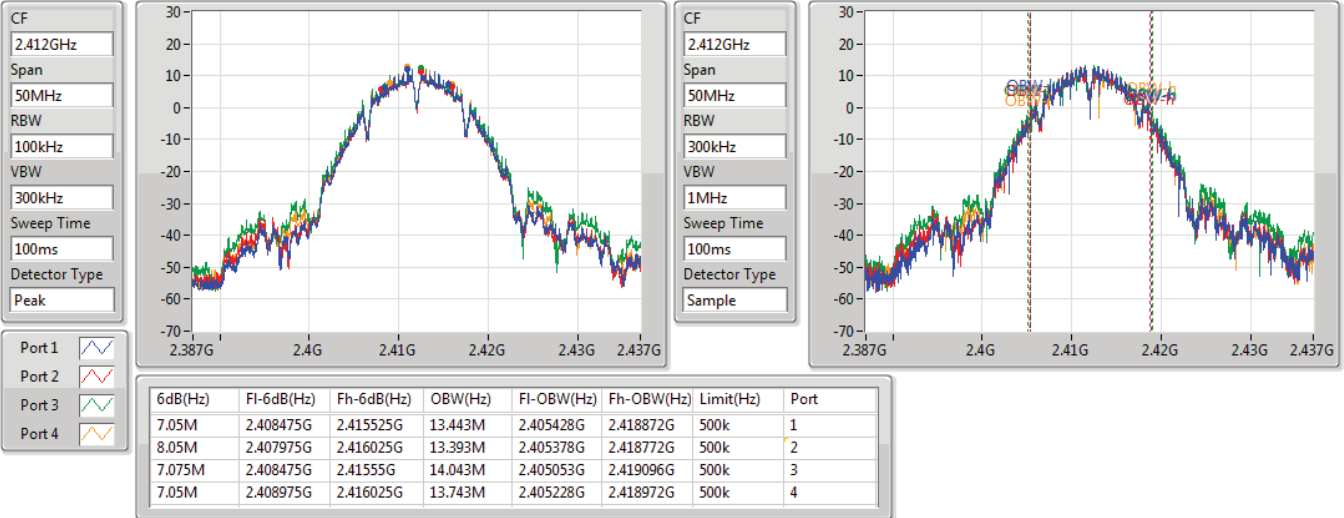
Port X-N dB = Port X 6dB down bandwidth;  
 Port X-OBW = Port X 99% occupied bandwidth

802.11b\_Nss1,(1Mbps)\_4TX

EBW

2412MHz

15/02/2021

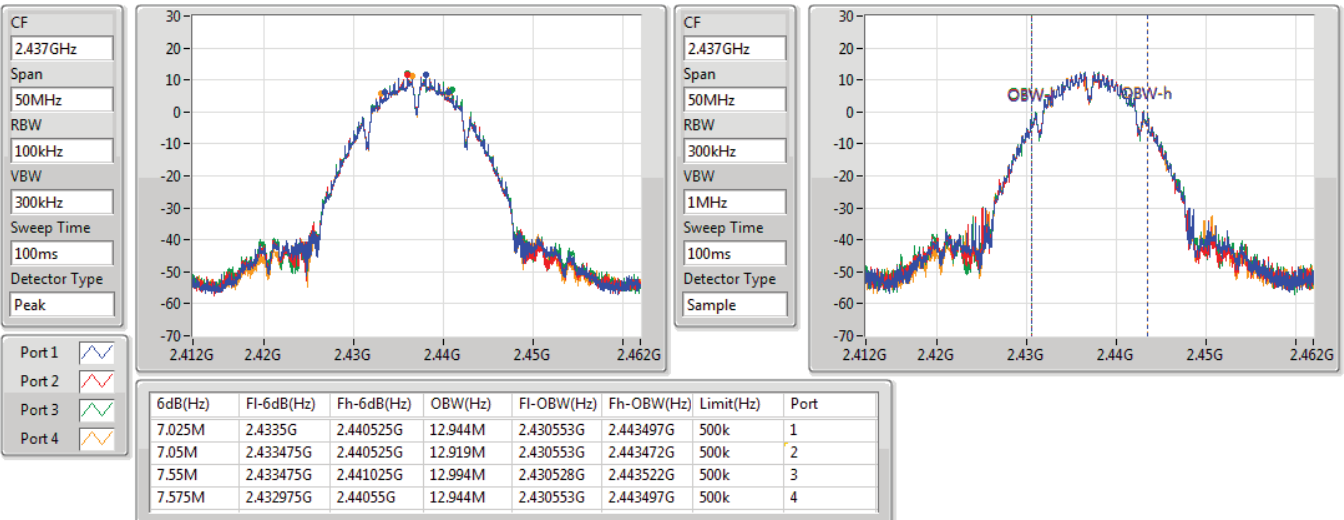


802.11b\_Nss1,(1Mbps)\_4TX

EBW

2437MHz

15/02/2021



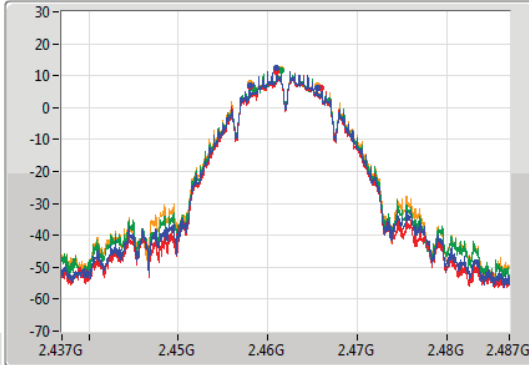
802.11b\_Nss1,(1Mbps)\_4TX

EBW

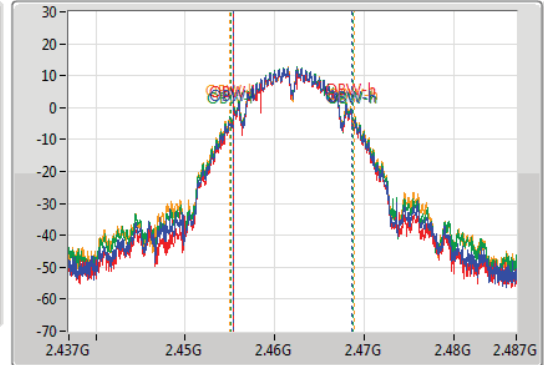
2462MHz

15/02/2021

CF  
2.462GHz  
Span  
50MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
2.462GHz  
Span  
50MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 7.55M   | 2.457975G  | 2.465525G  | 13.318M | 2.455328G  | 2.468647G  | 500k      | 1    |
| 8.025M  | 2.457975G  | 2.466G     | 13.193M | 2.455378G  | 2.468572G  | 500k      | 2    |
| 7.1M    | 2.45845G   | 2.46555G   | 13.643M | 2.455128G  | 2.468772G  | 500k      | 3    |
| 7.525M  | 2.458G     | 2.465525G  | 13.868M | 2.455028G  | 2.468897G  | 500k      | 4    |

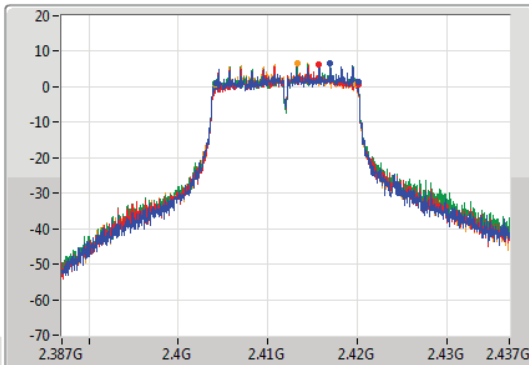
802.11g\_Nss1,(6Mbps)\_4TX

EBW

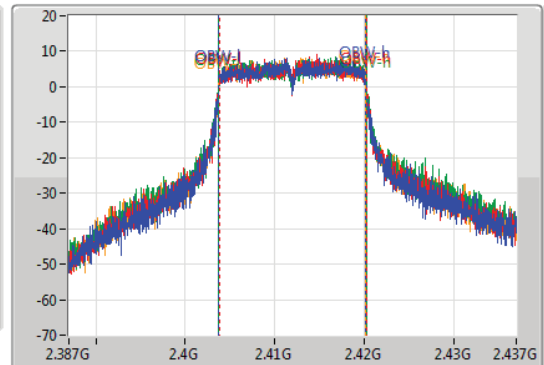
2412MHz

15/02/2021

CF  
2.412GHz  
Span  
50MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
2.412GHz  
Span  
50MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



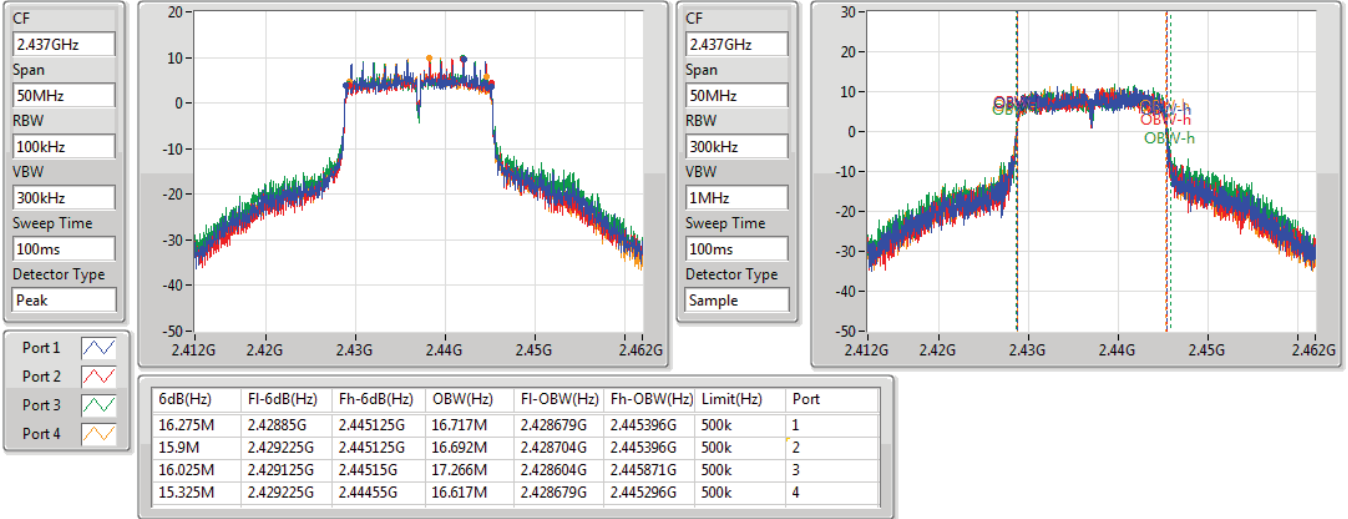
| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 15.925M | 2.404225G  | 2.42015G   | 16.417M | 2.403779G  | 2.420196G  | 500k      | 1    |
| 15.9M   | 2.40425G   | 2.42015G   | 16.442M | 2.403804G  | 2.420246G  | 500k      | 2    |
| 16.05M  | 2.4041G    | 2.42015G   | 16.517M | 2.403754G  | 2.420271G  | 500k      | 3    |
| 15.75M  | 2.404125G  | 2.419875G  | 16.417M | 2.403779G  | 2.420196G  | 500k      | 4    |

802.11g\_Nss1,(6Mbps)\_4TX

EBW

2437MHz

15/02/2021

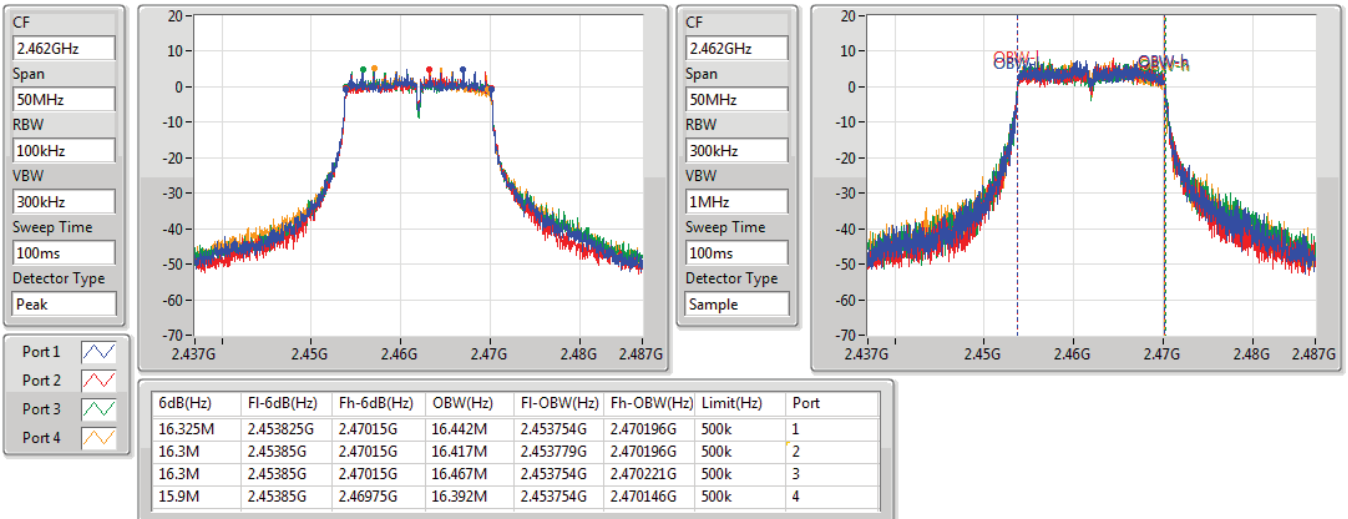


802.11g\_Nss1,(6Mbps)\_4TX

EBW

2462MHz

15/02/2021



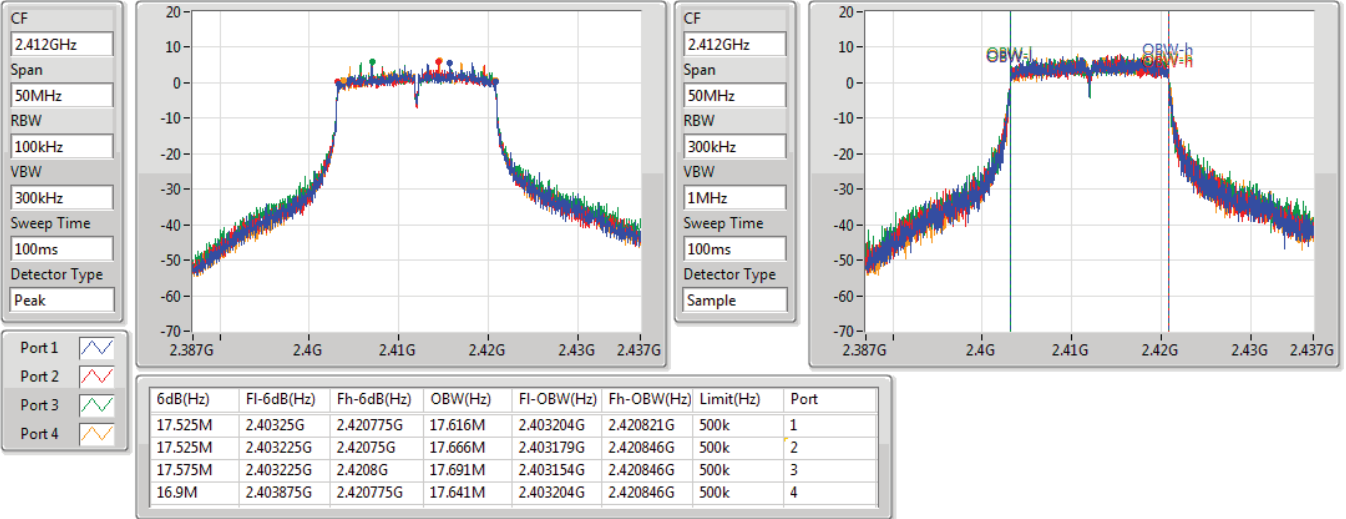


802.11n HT20\_Nss1,(MCS0)\_4TX

EBW

2412MHz

15/02/2021

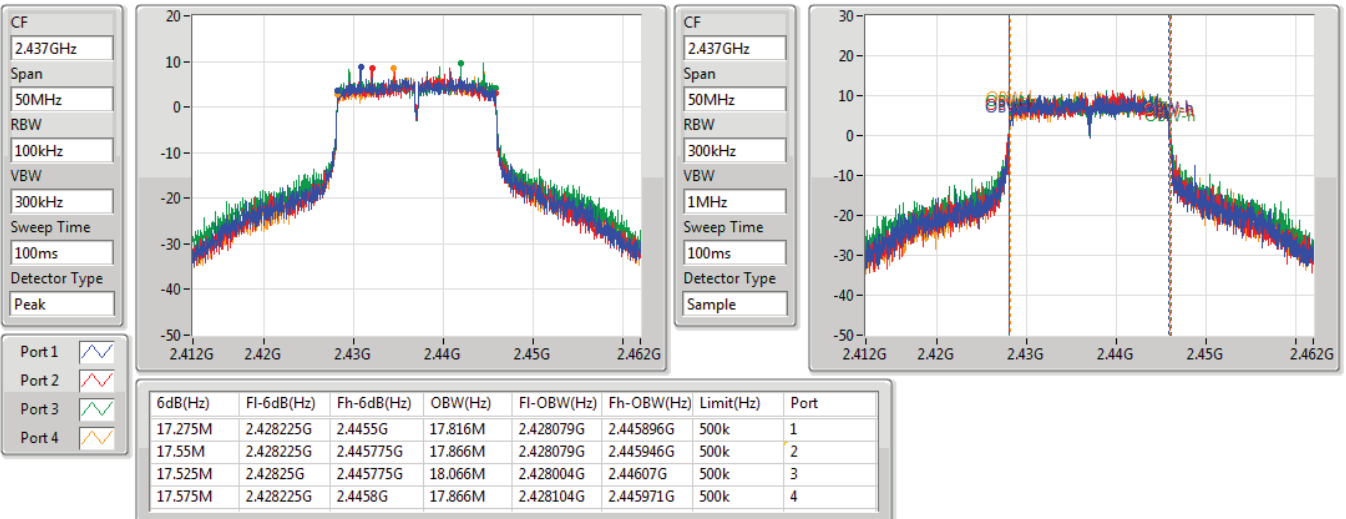


802.11n HT20\_Nss1,(MCS0)\_4TX

EBW

2437MHz

15/02/2021

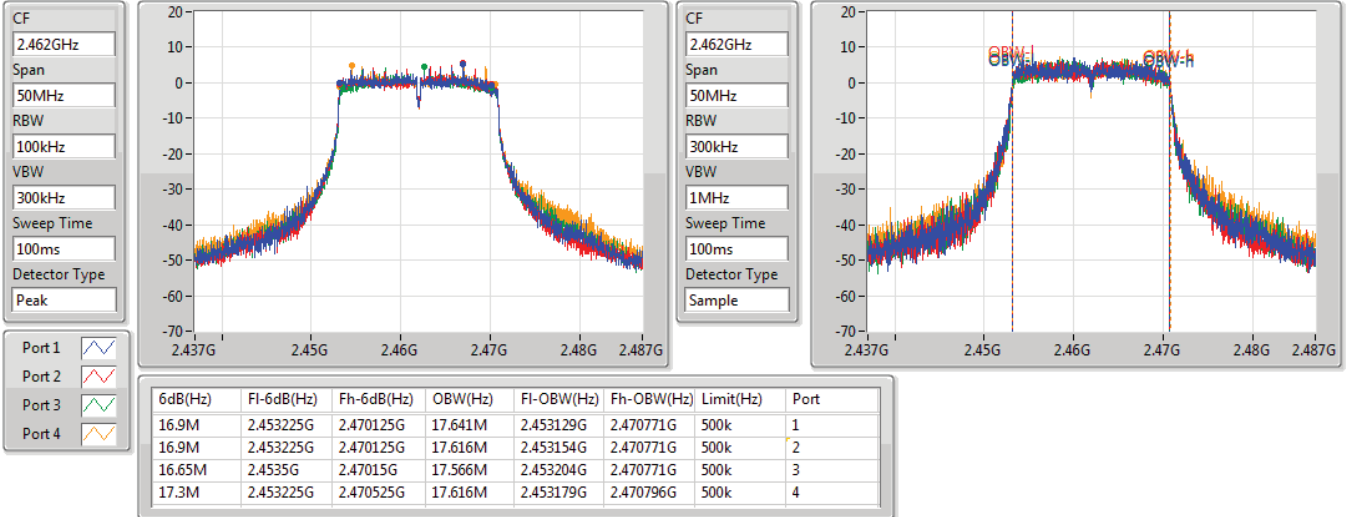


802.11n HT20\_Nss1,(MCS0)\_4TX

EBW

2462MHz

15/02/2021

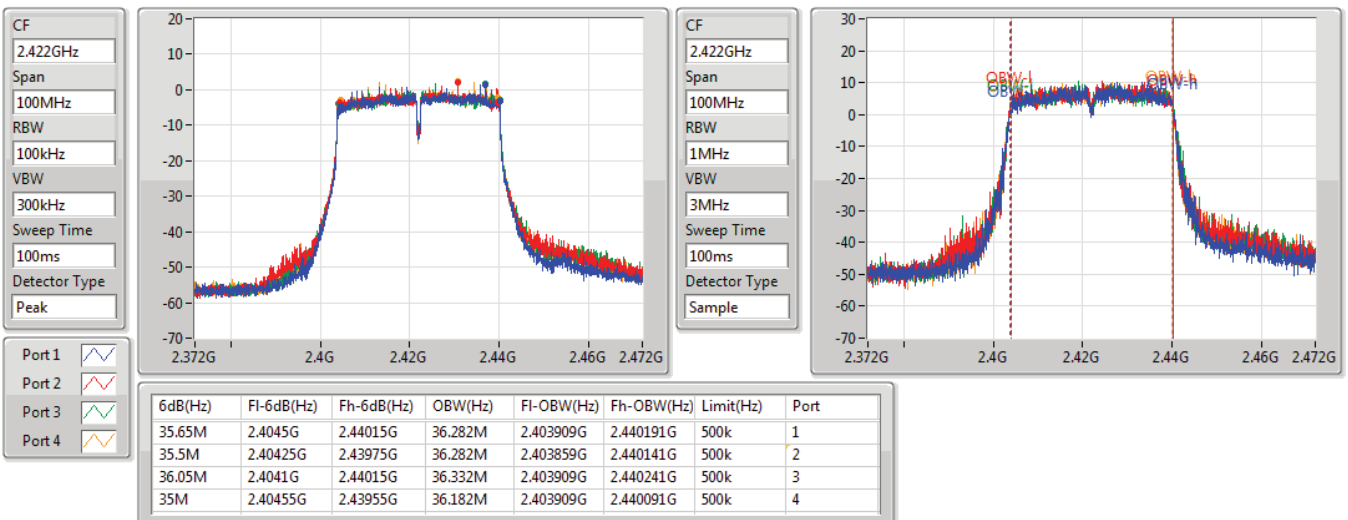


802.11n HT40\_Nss1,(MCS0)\_4TX

EBW

2422MHz

15/02/2021



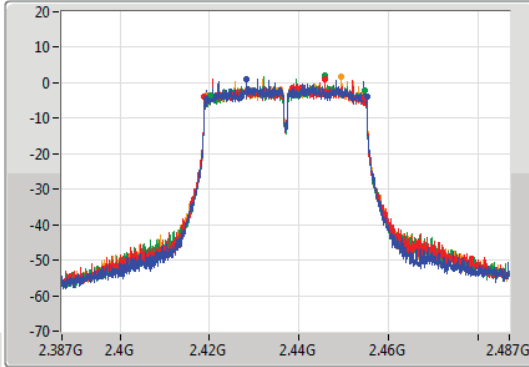
802.11n HT40\_Nss1,(MCS0)\_4TX

EBW

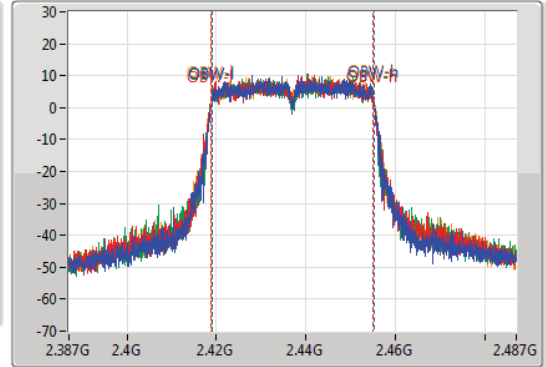
2437MHz

15/02/2021

CF  
2.437GHz  
Span  
100MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
2.437GHz  
Span  
100MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 35.9M   | 2.41925G   | 2.45515G   | 36.182M | 2.418959G  | 2.455141G  | 500k      | 1    |
| 35.9M   | 2.41885G   | 2.45475G   | 36.282M | 2.418759G  | 2.455041G  | 500k      | 2    |
| 34.45M  | 2.4201G    | 2.45455G   | 36.182M | 2.418909G  | 2.455091G  | 500k      | 3    |
| 35.9M   | 2.41925G   | 2.45515G   | 36.332M | 2.418859G  | 2.455191G  | 500k      | 4    |

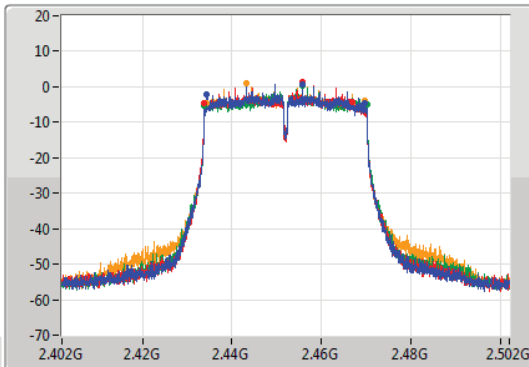
802.11n HT40\_Nss1,(MCS0)\_4TX

EBW

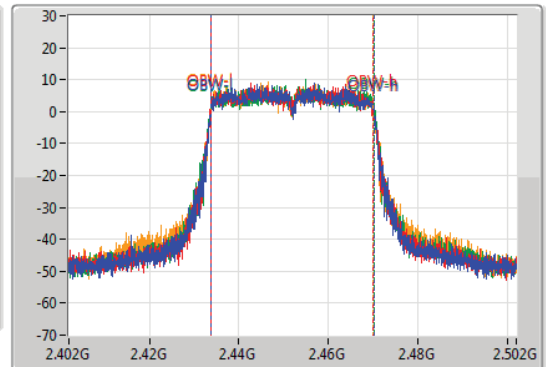
2452MHz

15/02/2021

CF  
2.452GHz  
Span  
100MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
2.452GHz  
Span  
100MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

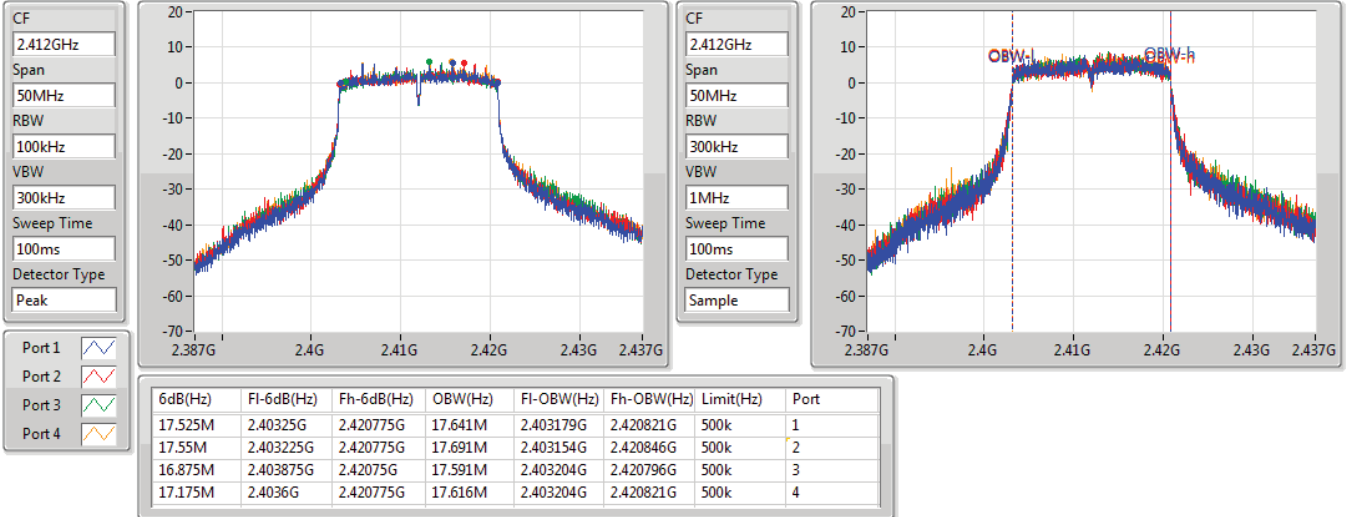
| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 35.1M   | 2.43445G   | 2.46955G   | 36.282M | 2.433859G  | 2.470141G  | 500k      | 1    |
| 33.15M  | 2.43385G   | 2.467G     | 36.282M | 2.433759G  | 2.470041G  | 500k      | 2    |
| 36.3M   | 2.43385G   | 2.47015G   | 36.432M | 2.433759G  | 2.470191G  | 500k      | 3    |
| 35.35M  | 2.4342G    | 2.46955G   | 36.232M | 2.433809G  | 2.470041G  | 500k      | 4    |

VHT20\_Nss1,(MCS0)\_4TX

EBW

2412MHz

15/02/2021

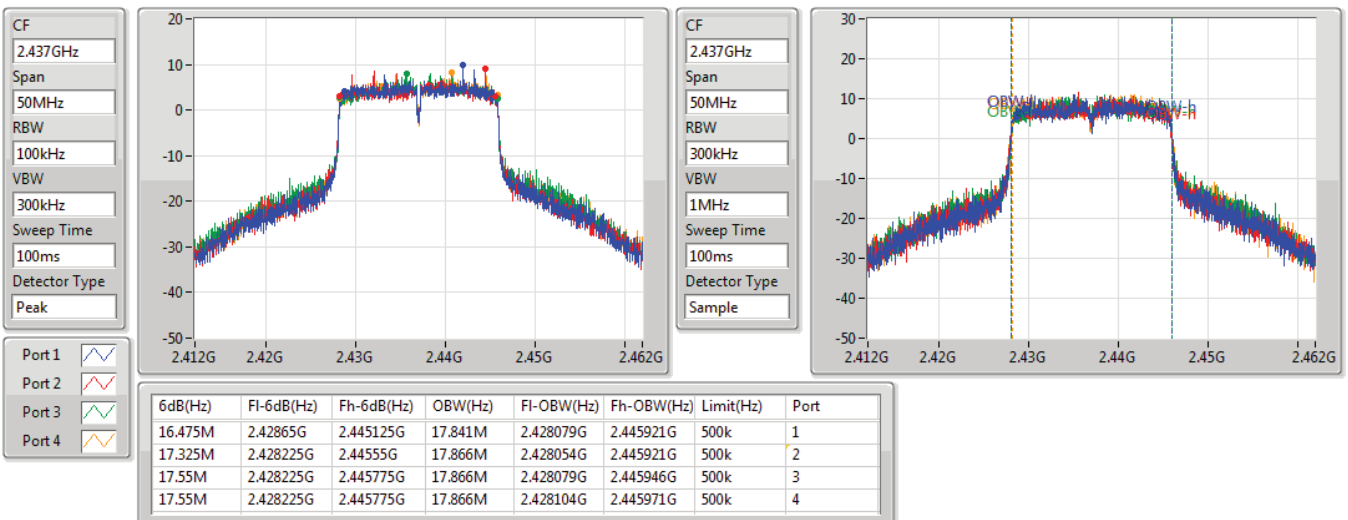


VHT20\_Nss1,(MCS0)\_4TX

EBW

2437MHz

15/02/2021

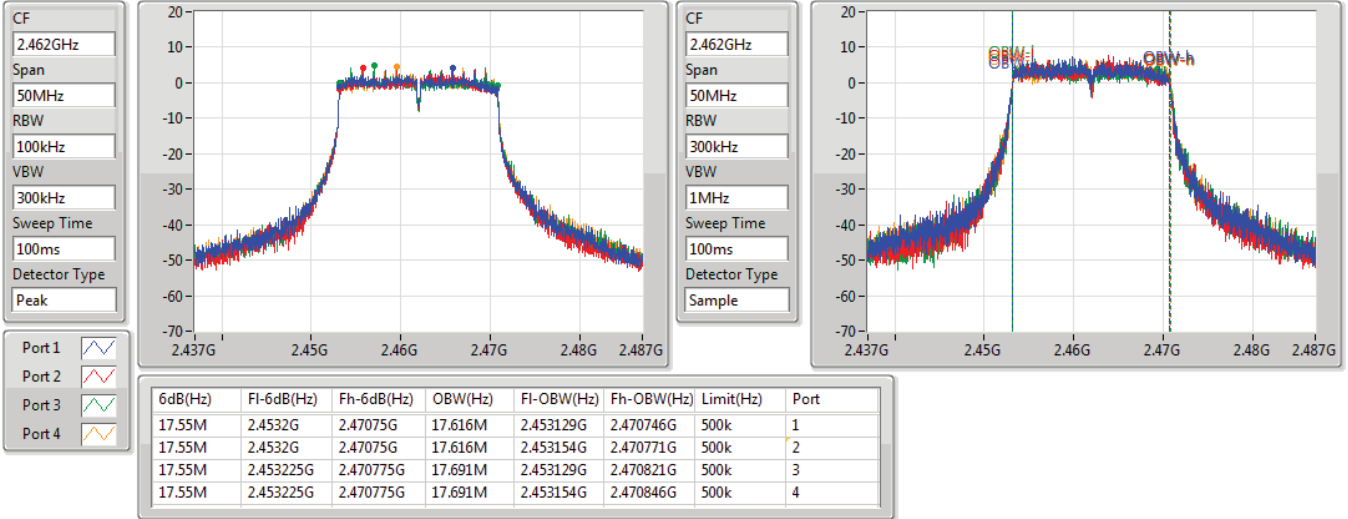


VHT20\_Nss1,(MCS0)\_4TX

EBW

2462MHz

15/02/2021

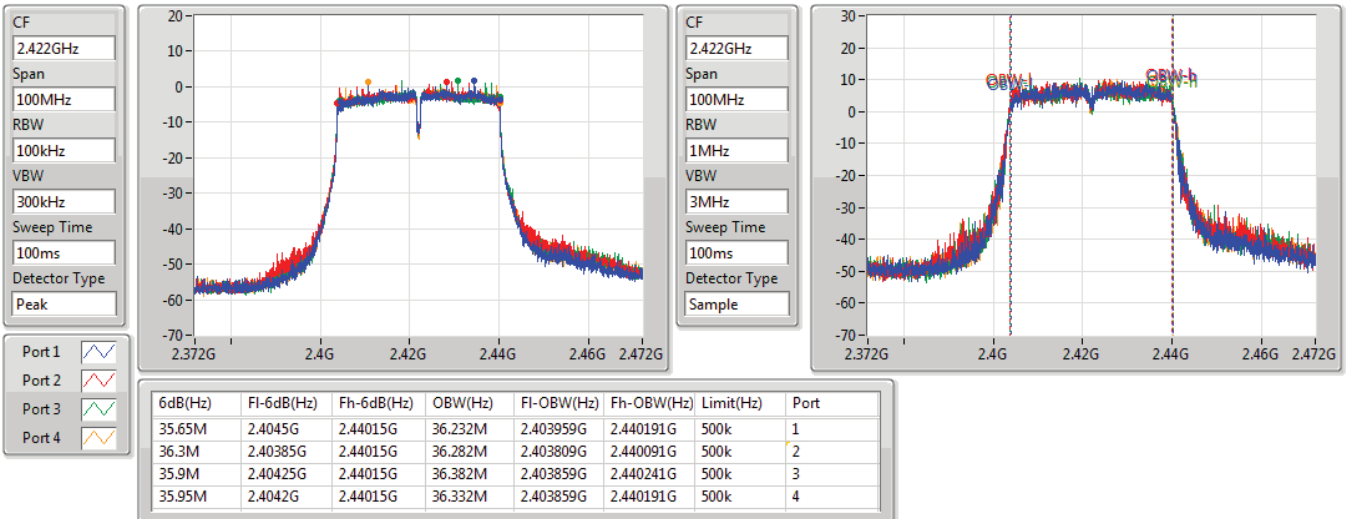


VHT40\_Nss1,(MCS0)\_4TX

EBW

2422MHz

15/02/2021



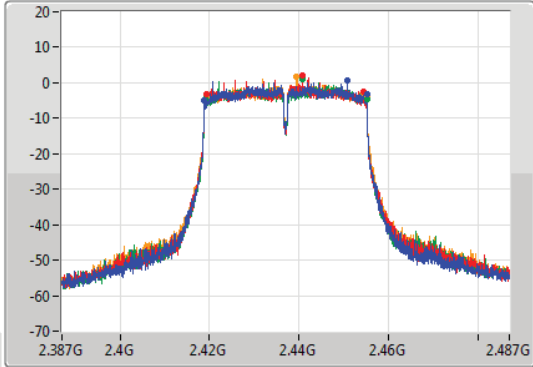
VHT40\_Nss1,(MCS0)\_4TX

EBW

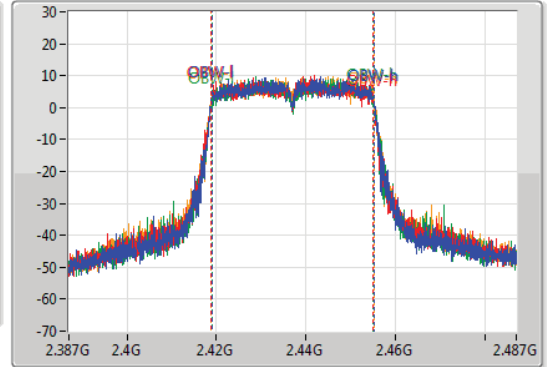
2437MHz

15/02/2021

CF  
2.437GHz  
Span  
100MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
2.437GHz  
Span  
100MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 36.3M   | 2.41885G   | 2.45515G   | 36.232M | 2.418909G  | 2.455141G  | 500k      | 1    |
| 35.2M   | 2.41925G   | 2.45445G   | 36.282M | 2.418759G  | 2.455041G  | 500k      | 2    |
| 36.05M  | 2.4191G    | 2.45515G   | 36.182M | 2.418909G  | 2.455091G  | 500k      | 3    |
| 35.9M   | 2.41925G   | 2.45515G   | 36.332M | 2.418809G  | 2.455141G  | 500k      | 4    |

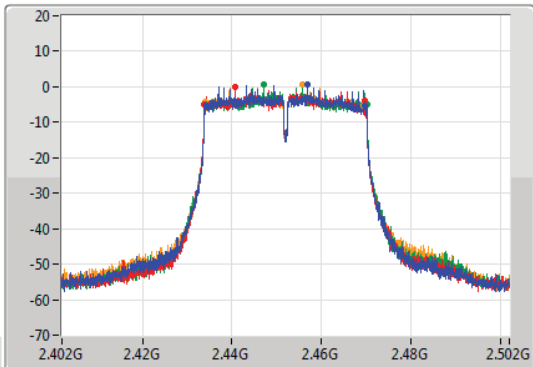
VHT40\_Nss1,(MCS0)\_4TX

EBW

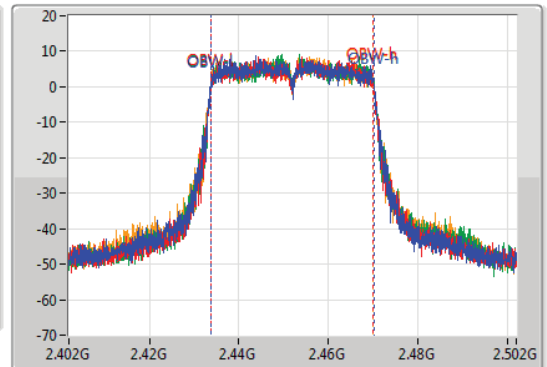
2452MHz

15/02/2021

CF  
2.452GHz  
Span  
100MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
2.452GHz  
Span  
100MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

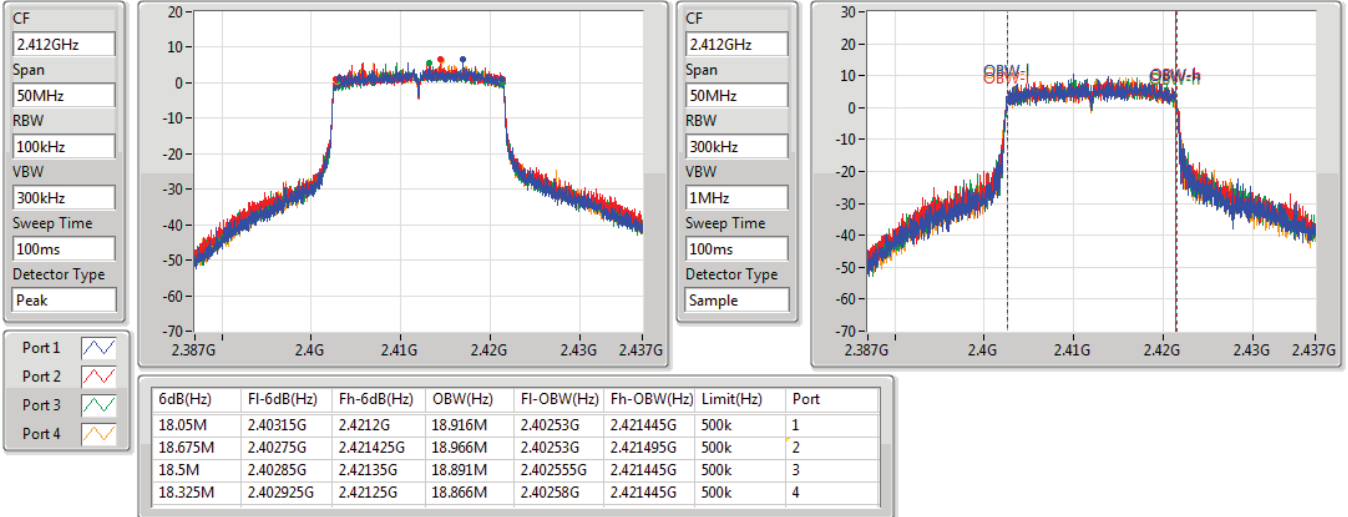
| 6dB(Hz) | Fl-6dB(Hz) | Fh-6dB(Hz) | OBW(Hz) | Fl-OBW(Hz) | Fh-OBW(Hz) | Limit(Hz) | Port |
|---------|------------|------------|---------|------------|------------|-----------|------|
| 35.5M   | 2.43425G   | 2.46975G   | 36.332M | 2.433809G  | 2.470141G  | 500k      | 1    |
| 35.7M   | 2.43385G   | 2.46955G   | 36.232M | 2.433809G  | 2.470041G  | 500k      | 2    |
| 36.05M  | 2.4341G    | 2.47015G   | 36.332M | 2.433809G  | 2.470141G  | 500k      | 3    |
| 35.4M   | 2.4341G    | 2.4695G    | 36.282M | 2.433759G  | 2.470041G  | 500k      | 4    |

802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

2412MHz

15/02/2021

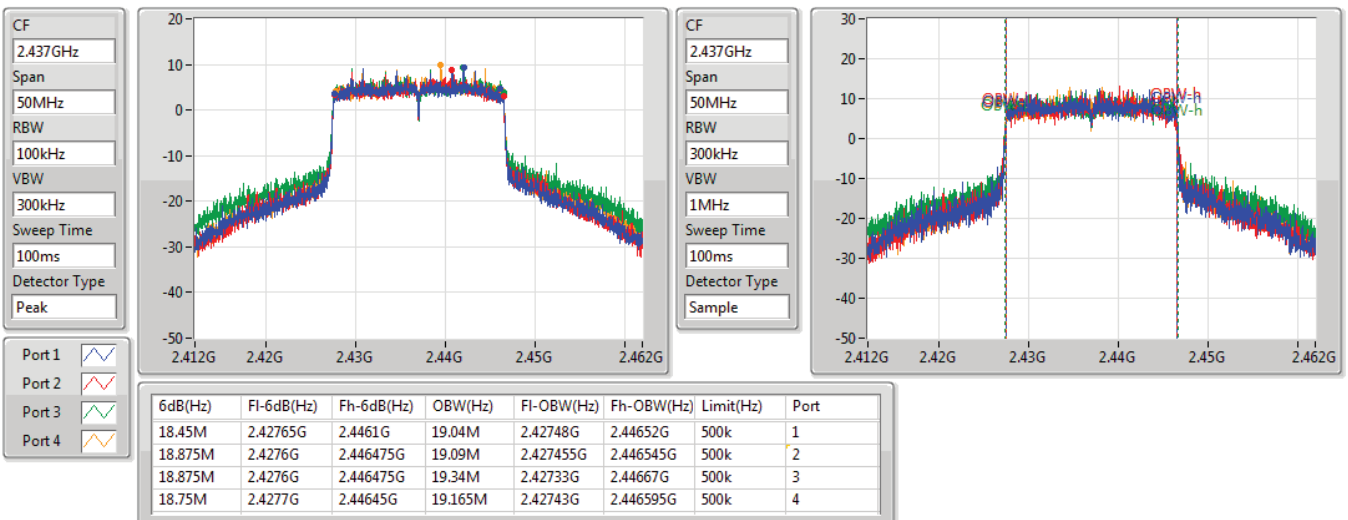


802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

2437MHz

15/02/2021

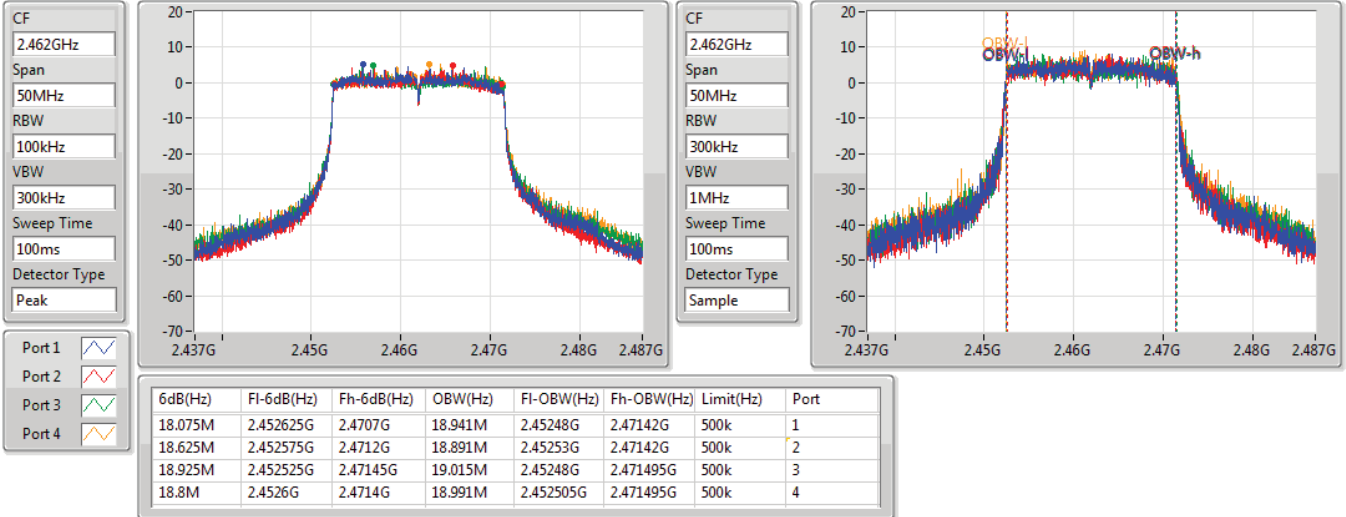


802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

2462MHz

15/02/2021

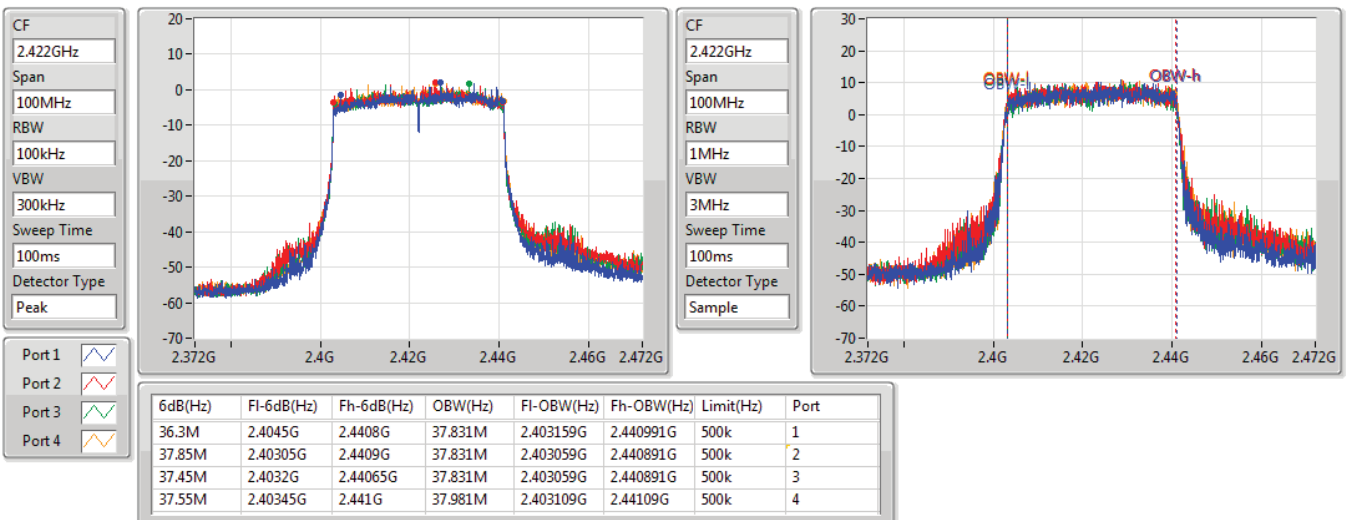


802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

2422MHz

15/02/2021



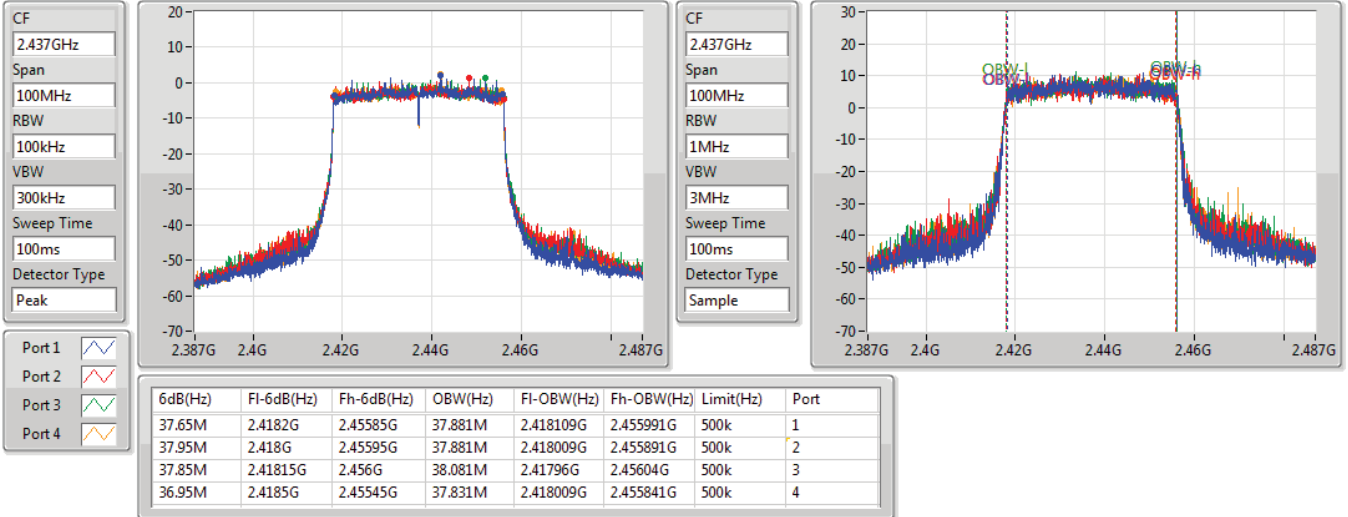


802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

2437MHz

15/02/2021

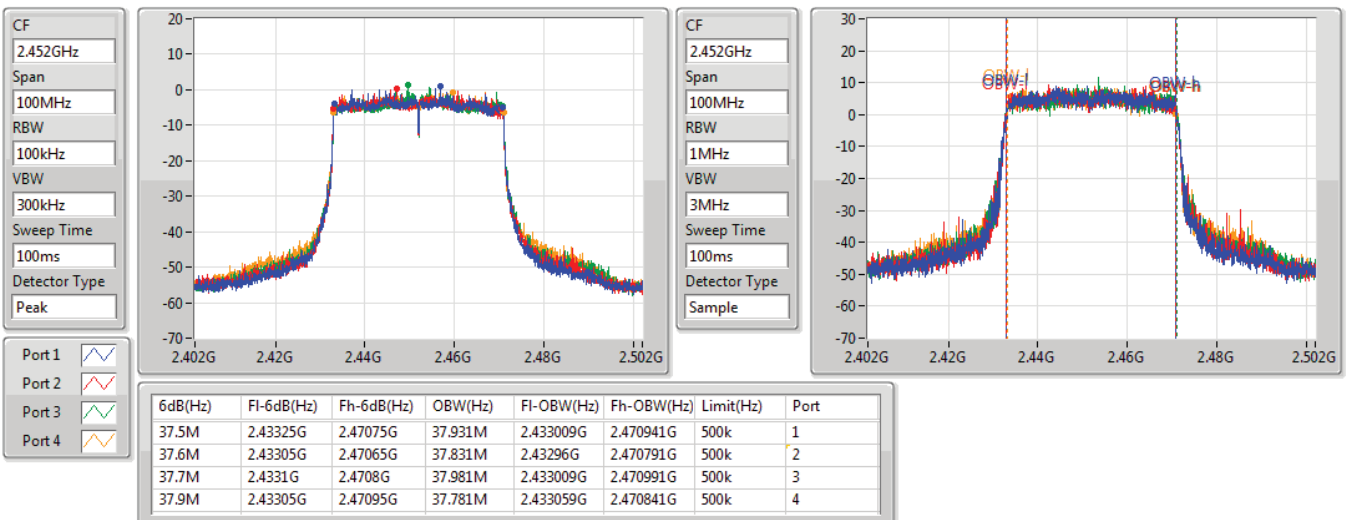


802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

2452MHz

15/02/2021





Summary

| Mode                         | Max-N dB (Hz) | Max-OBW (Hz) | ITU-Code | Min-N dB (Hz) | Min-OBW (Hz) |
|------------------------------|---------------|--------------|----------|---------------|--------------|
| 2.4-2.4835GHz                | -             | -            | -        | -             | -            |
| 802.11b_Nss1,(1Mbps)_1TX     | 7.525M        | 12.819M      | 12M8G1D  | 7.05M         | 12.694M      |
| 802.11g_Nss1,(6Mbps)_1TX     | 16.225M       | 17.841M      | 17M8D1D  | 15.75M        | 16.767M      |
| 802.11n HT20_Nss1,(MCS0)_1TX | 17.25M        | 18.491M      | 18M5D1D  | 16M           | 17.816M      |
| 802.11n HT40_Nss1,(MCS0)_1TX | 35.45M        | 36.532M      | 36M5D1D  | 35.1M         | 36.382M      |

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 (Hz) | Port 1-N dB (Hz) | Port 1-OBW (Hz) |
|------------------------------|--------|------------|------------------|-----------------|
| 802.11b_Nss1,(1Mbps)_1TX     | -      | -          | -                | -               |
| 2412MHz                      | Pass   | 500k       | 7.05M            | 12.694M         |
| 2437MHz                      | Pass   | 500k       | 7.525M           | 12.819M         |
| 2462MHz                      | Pass   | 500k       | 7.525M           | 12.769M         |
| 802.11g_Nss1,(6Mbps)_1TX     | -      | -          | -                | -               |
| 2412MHz                      | Pass   | 500k       | 16.225M          | 16.842M         |
| 2437MHz                      | Pass   | 500k       | 16M              | 17.841M         |
| 2462MHz                      | Pass   | 500k       | 15.75M           | 16.767M         |
| 802.11n HT20_Nss1,(MCS0)_1TX | -      | -          | -                | -               |
| 2412MHz                      | Pass   | 500k       | 16.875M          | 17.941M         |
| 2437MHz                      | Pass   | 500k       | 17.25M           | 18.491M         |
| 2462MHz                      | Pass   | 500k       | 16M              | 17.816M         |
| 802.11n HT40_Nss1,(MCS0)_1TX | -      | -          | -                | -               |
| 2422MHz                      | Pass   | 500k       | 35.3M            | 36.482M         |
| 2437MHz                      | Pass   | 500k       | 35.45M           | 36.532M         |
| 2452MHz                      | Pass   | 500k       | 35.1M            | 36.382M         |

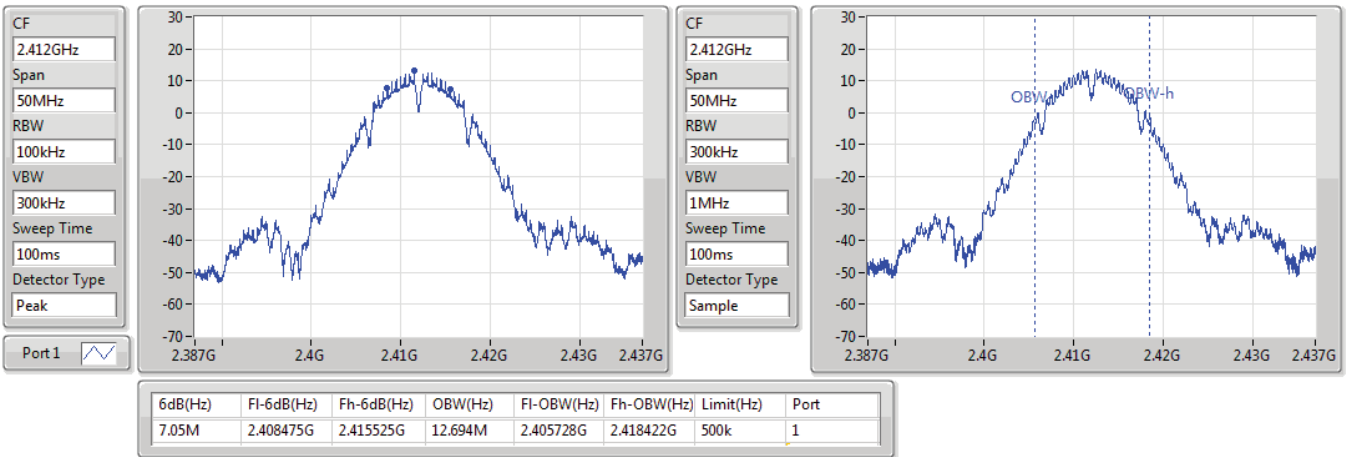
Port X-N dB = Port X 6dB down bandwidth;  
 Port X-OBW = Port X 99% occupied bandwidth

802.11b\_Nss1,(1Mbps)\_1TX

EBW

2412MHz

15/02/2021

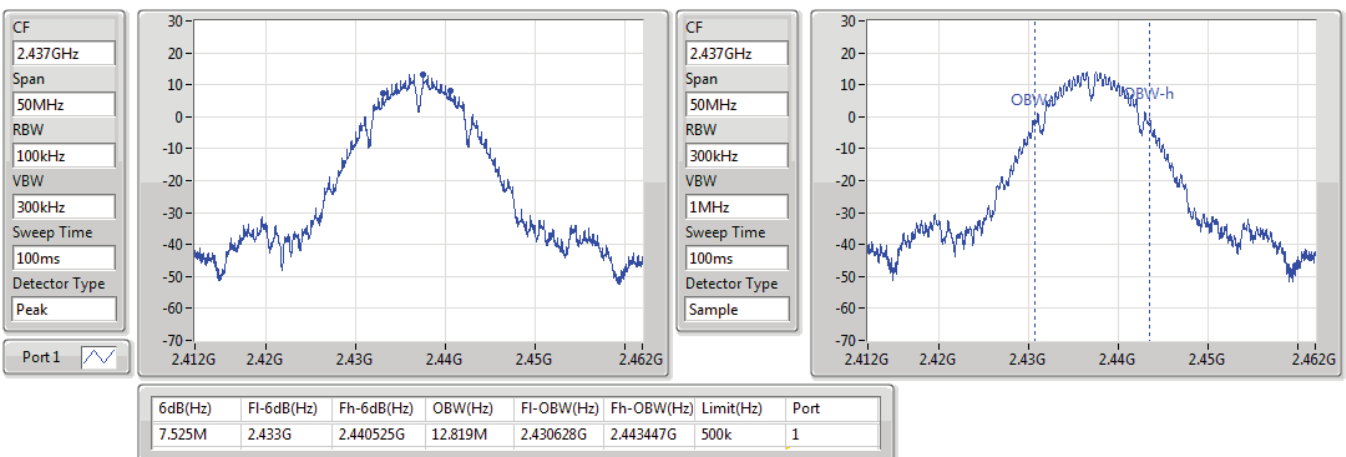


802.11b\_Nss1,(1Mbps)\_1TX

EBW

2437MHz

15/02/2021

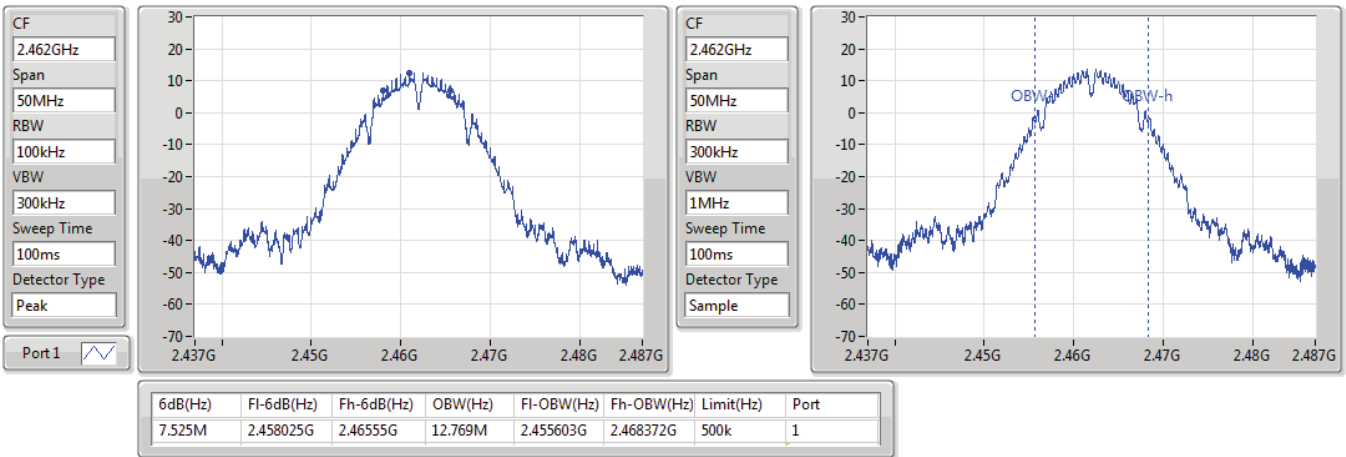


802.11b\_Nss1,(1Mbps)\_1TX

EBW

2462MHz

15/02/2021

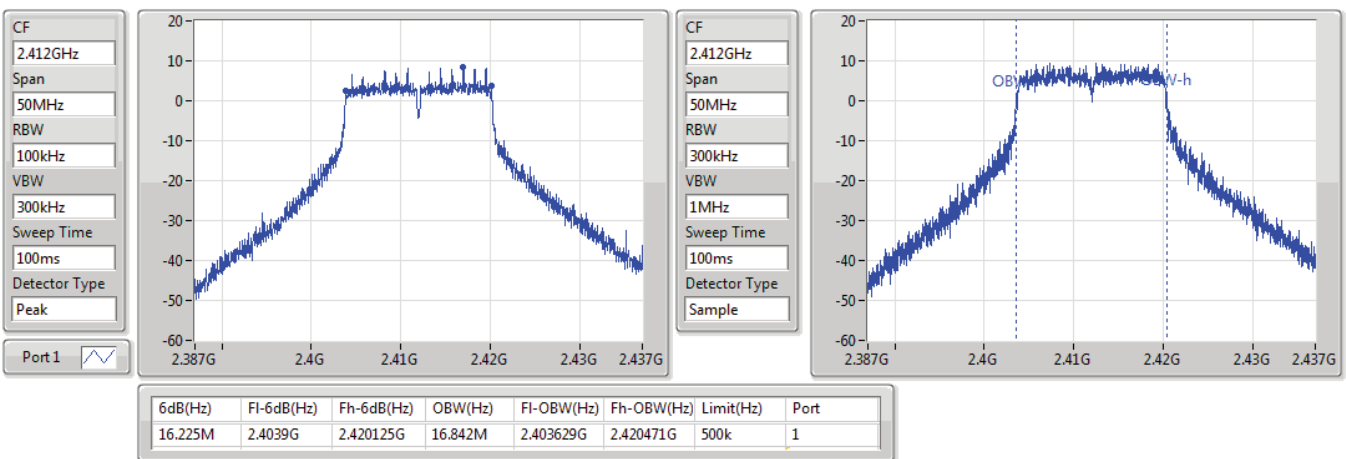


802.11g\_Nss1,(6Mbps)\_1TX

EBW

2412MHz

15/02/2021

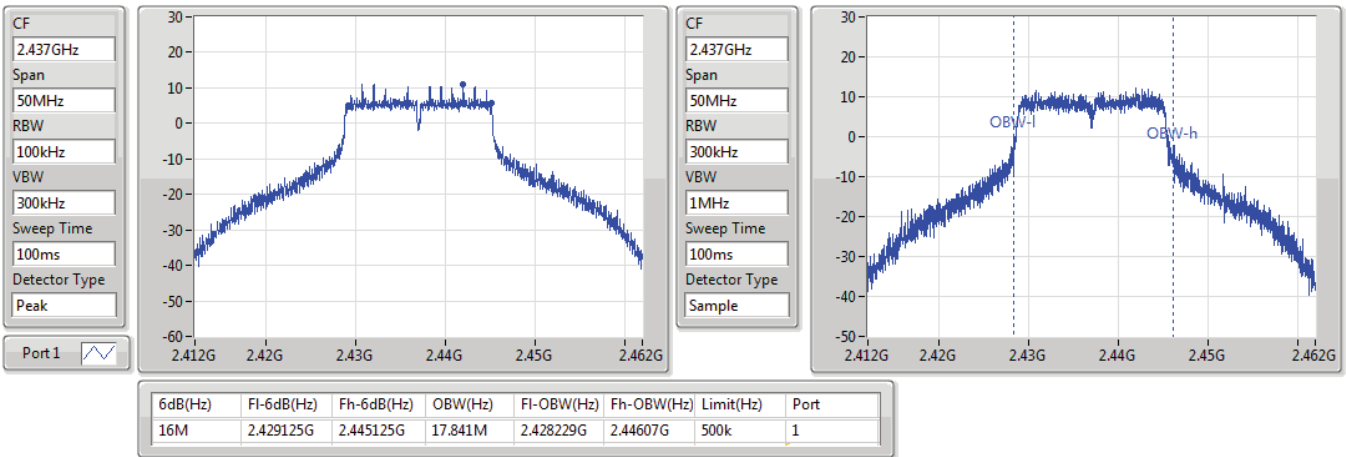


802.11g\_Nss1,(6Mbps)\_1TX

EBW

2437MHz

15/02/2021

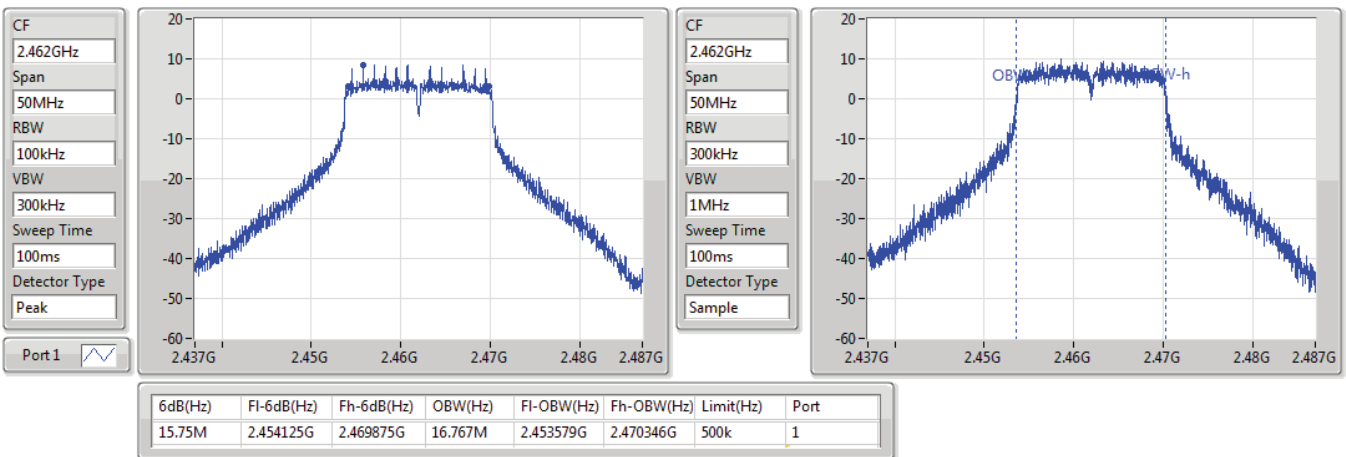


802.11g\_Nss1,(6Mbps)\_1TX

EBW

2462MHz

15/02/2021

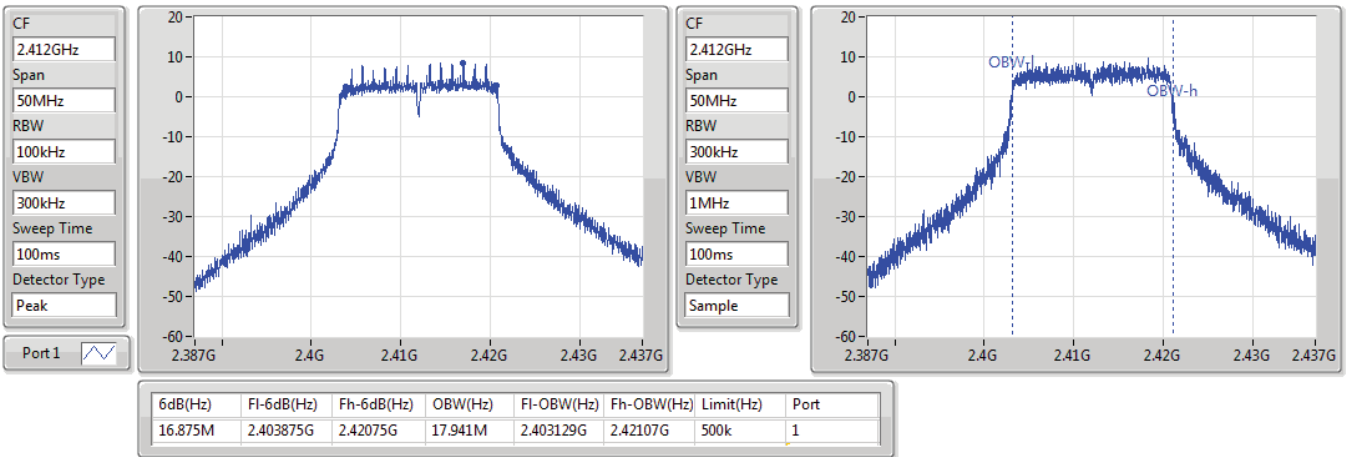


802.11n HT20\_Nss1,(MCS0)\_1TX

EBW

2412MHz

15/02/2021

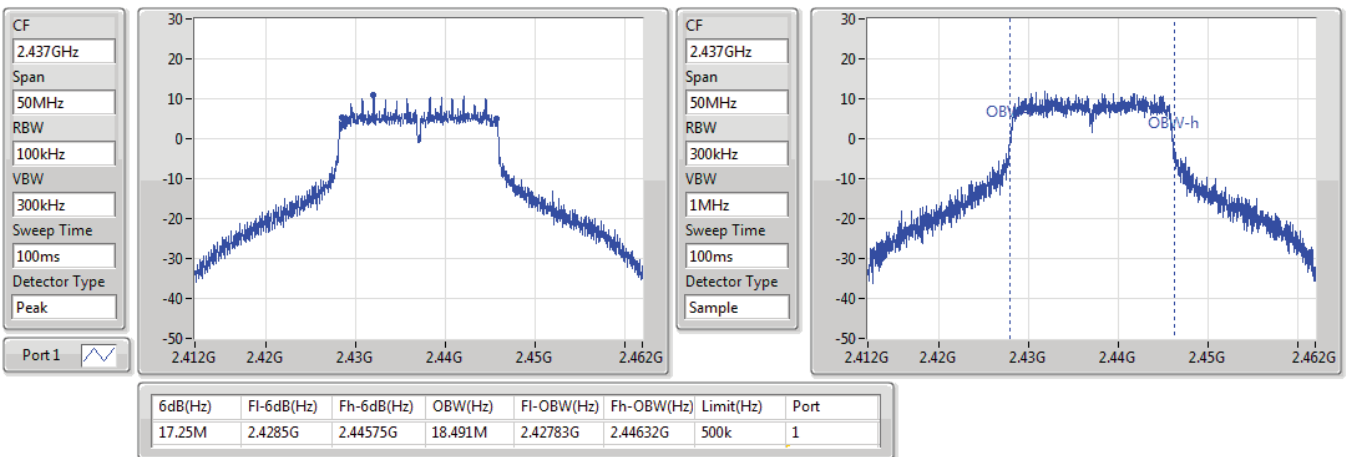


802.11n HT20\_Nss1,(MCS0)\_1TX

EBW

2437MHz

15/02/2021

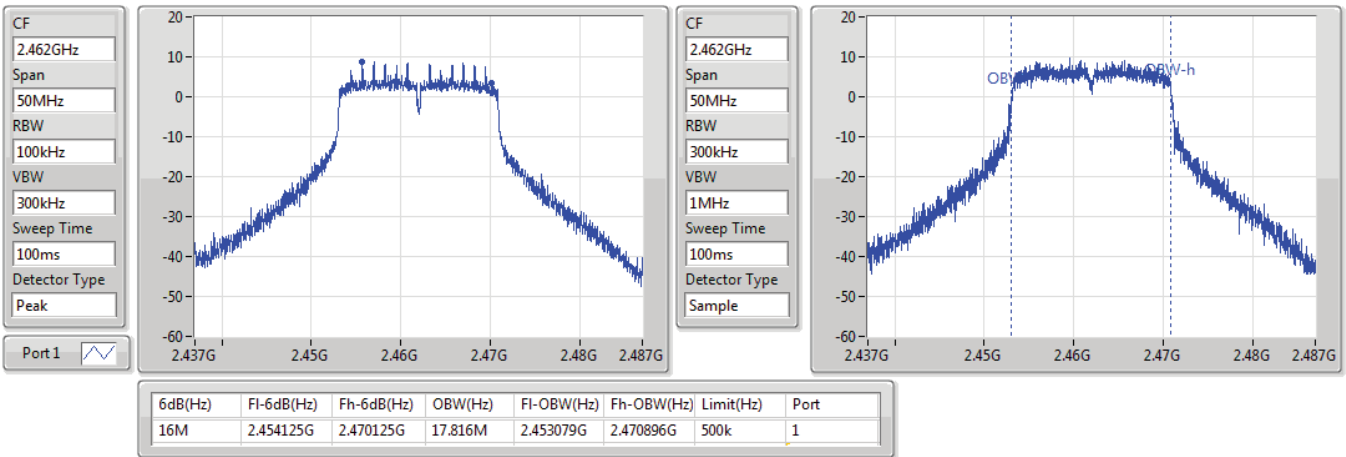


802.11n HT20\_Nss1,(MCS0)\_1TX

EBW

2462MHz

15/02/2021

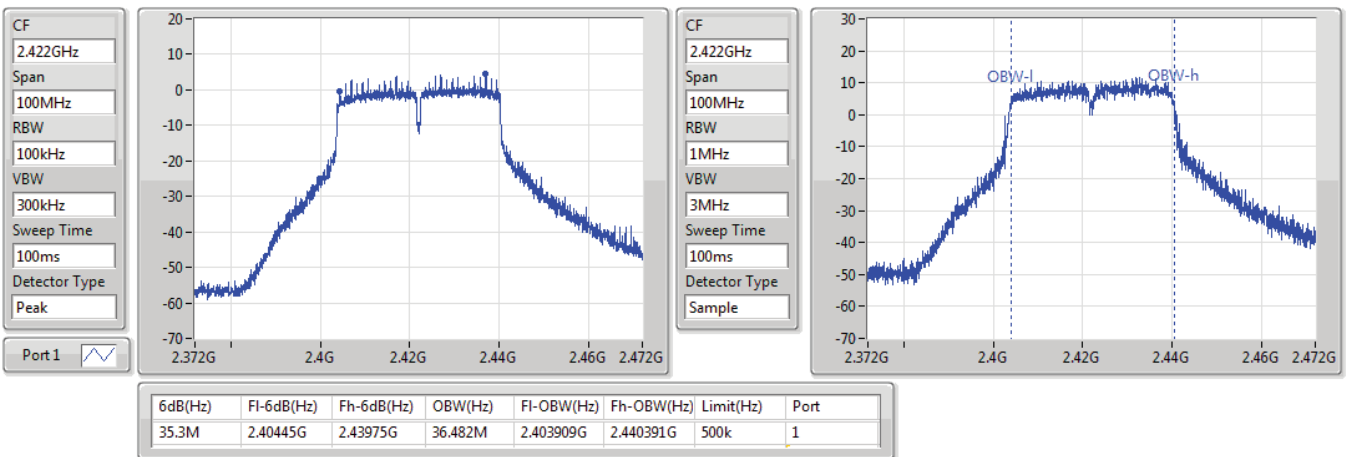


802.11n HT40\_Nss1,(MCS0)\_1TX

EBW

2422MHz

15/02/2021



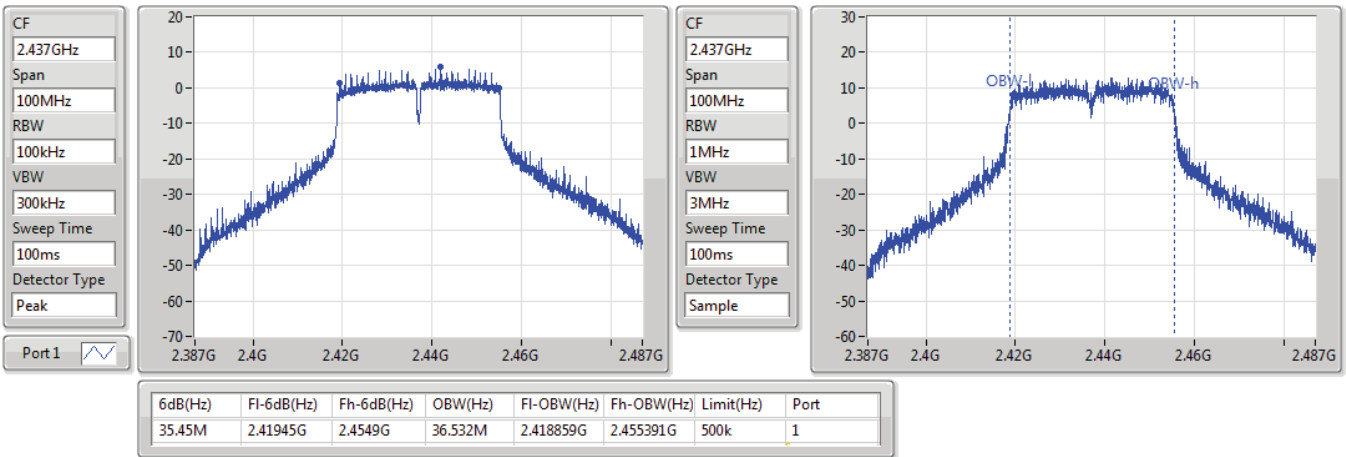


802.11n HT40\_Nss1,(MCS0)\_1TX

EBW

2437MHz

15/02/2021

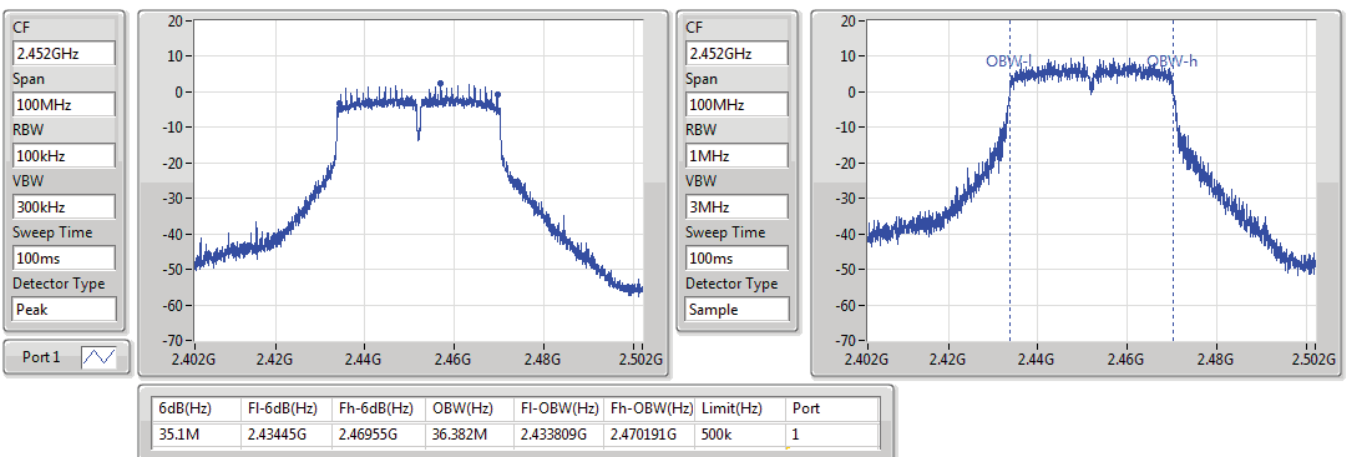


802.11n HT40\_Nss1,(MCS0)\_1TX

EBW

2452MHz

15/02/2021





Summary

| Mode                           | Total Power (dBm) | Total Power (W) |
|--------------------------------|-------------------|-----------------|
| 2.4-2.4835GHz                  | -                 | -               |
| 802.11b_Nss1,(1Mbps)_4TX       | 27.13             | 0.51642         |
| 802.11g_Nss1,(6Mbps)_4TX       | 26.75             | 0.47315         |
| 802.11n HT20_Nss1,(MCS0)_4TX   | 26.71             | 0.46881         |
| 802.11n HT40_Nss1,(MCS0)_4TX   | 22.56             | 0.18030         |
| VHT20_Nss1,(MCS0)_4TX          | 26.87             | 0.48641         |
| VHT40_Nss1,(MCS0)_4TX          | 22.59             | 0.18155         |
| 802.11ax HEW20_Nss1,(MCS0)_4TX | 26.95             | 0.49545         |
| 802.11ax HEW40_Nss1,(MCS0)_4TX | 22.77             | 0.18923         |



Result

| Mode                           | Result | DG (dBi) | Port 1 (dBm) | Port 2 (dBm) | Port 3 (dBm) | Port 4 (dBm) | Total Power (dBm) | Power Limit (dBm) |
|--------------------------------|--------|----------|--------------|--------------|--------------|--------------|-------------------|-------------------|
| 802.11b_Nss1,(1Mbps)_4TX       | -      | -        | -            | -            | -            | -            | -                 | -                 |
| 2412MHz                        | Pass   | 4.49     | 21.03        | 21.13        | 21.39        | 20.87        | 27.13             | 30.00             |
| 2437MHz                        | Pass   | 4.49     | 20.16        | 20.22        | 19.57        | 20.43        | 26.13             | 30.00             |
| 2462MHz                        | Pass   | 4.49     | 20.53        | 20.23        | 20.77        | 20.80        | 26.61             | 30.00             |
| 802.11g_Nss1,(6Mbps)_4TX       | -      | -        | -            | -            | -            | -            | -                 | -                 |
| 2412MHz                        | Pass   | 4.49     | 17.87        | 17.84        | 17.92        | 18.05        | 23.94             | 30.00             |
| 2417MHz                        | Pass   | 4.49     | 20.24        | 20.33        | 20.34        | 20.48        | 26.37             | 30.00             |
| 2437MHz                        | Pass   | 4.49     | 20.65        | 20.61        | 20.85        | 20.79        | 26.75             | 30.00             |
| 2457MHz                        | Pass   | 4.49     | 17.99        | 18.06        | 18.05        | 18.20        | 24.10             | 30.00             |
| 2462MHz                        | Pass   | 4.49     | 16.86        | 16.55        | 16.55        | 16.63        | 22.67             | 30.00             |
| 802.11n HT20_Nss1,(MCS0)_4TX   | -      | -        | -            | -            | -            | -            | -                 | -                 |
| 2412MHz                        | Pass   | 4.49     | 16.88        | 17.49        | 17.79        | 17.80        | 23.53             | 30.00             |
| 2417MHz                        | Pass   | 4.49     | 18.55        | 18.49        | 18.60        | 18.57        | 24.57             | 30.00             |
| 2437MHz                        | Pass   | 4.49     | 20.71        | 20.55        | 20.80        | 20.71        | 26.71             | 30.00             |
| 2457MHz                        | Pass   | 4.49     | 17.95        | 17.81        | 17.95        | 17.90        | 23.92             | 30.00             |
| 2462MHz                        | Pass   | 4.49     | 16.62        | 16.53        | 16.43        | 16.51        | 22.54             | 30.00             |
| 802.11n HT40_Nss1,(MCS0)_4TX   | -      | -        | -            | -            | -            | -            | -                 | -                 |
| 2422MHz                        | Pass   | 4.49     | 16.35        | 16.62        | 16.54        | 16.66        | 22.56             | 30.00             |
| 2437MHz                        | Pass   | 4.49     | 16.35        | 16.33        | 16.29        | 16.34        | 22.35             | 30.00             |
| 2447MHz                        | Pass   | 4.49     | 15.49        | 15.72        | 15.59        | 15.71        | 21.65             | 30.00             |
| 2452MHz                        | Pass   | 4.49     | 15.08        | 15.10        | 15.03        | 15.19        | 21.12             | 30.00             |
| VHT20_Nss1,(MCS0)_4TX          | -      | -        | -            | -            | -            | -            | -                 | -                 |
| 2412MHz                        | Pass   | 4.49     | 17.73        | 17.63        | 17.87        | 17.91        | 23.81             | 30.00             |
| 2417MHz                        | Pass   | 4.49     | 18.58        | 18.42        | 18.53        | 18.77        | 24.60             | 30.00             |
| 2437MHz                        | Pass   | 4.49     | 21.02        | 20.65        | 20.78        | 20.95        | 26.87             | 30.00             |
| 2457MHz                        | Pass   | 4.49     | 17.98        | 17.99        | 17.81        | 17.89        | 23.94             | 30.00             |
| 2462MHz                        | Pass   | 4.49     | 16.76        | 16.51        | 16.44        | 16.48        | 22.57             | 30.00             |
| VHT40_Nss1,(MCS0)_4TX          | -      | -        | -            | -            | -            | -            | -                 | -                 |
| 2422MHz                        | Pass   | 4.49     | 16.47        | 16.59        | 16.51        | 16.71        | 22.59             | 30.00             |
| 2437MHz                        | Pass   | 4.49     | 16.36        | 16.42        | 16.36        | 16.57        | 22.45             | 30.00             |
| 2447MHz                        | Pass   | 4.49     | 15.62        | 15.86        | 15.35        | 15.70        | 21.66             | 30.00             |
| 2452MHz                        | Pass   | 4.49     | 14.98        | 15.05        | 15.12        | 15.31        | 21.14             | 30.00             |
| 802.11ax HEW20_Nss1,(MCS0)_4TX | -      | -        | -            | -            | -            | -            | -                 | -                 |
| 2412MHz                        | Pass   | 4.49     | 17.88        | 18.06        | 17.99        | 18.12        | 24.03             | 30.00             |
| 2417MHz                        | Pass   | 4.49     | 18.71        | 18.90        | 18.92        | 18.95        | 24.89             | 30.00             |
| 2437MHz                        | Pass   | 4.49     | 20.84        | 20.82        | 21.02        | 21.04        | 26.95             | 30.00             |
| 2457MHz                        | Pass   | 4.49     | 18.10        | 18.34        | 18.01        | 18.27        | 24.20             | 30.00             |
| 2462MHz                        | Pass   | 4.49     | 16.82        | 16.74        | 16.80        | 17.10        | 22.89             | 30.00             |
| 802.11ax HEW40_Nss1,(MCS0)_4TX | -      | -        | -            | -            | -            | -            | -                 | -                 |
| 2422MHz                        | Pass   | 4.49     | 16.63        | 16.94        | 16.58        | 16.82        | 22.77             | 30.00             |
| 2437MHz                        | Pass   | 4.49     | 16.46        | 16.42        | 16.56        | 16.40        | 22.48             | 30.00             |
| 2447MHz                        | Pass   | 4.49     | 15.69        | 15.96        | 15.53        | 15.91        | 21.80             | 30.00             |
| 2452MHz                        | Pass   | 4.49     | 15.20        | 15.34        | 15.25        | 15.40        | 21.32             | 30.00             |

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



**Summary**

| Mode                         | Total Power (dBm) | Total Power (W) |
|------------------------------|-------------------|-----------------|
| 2.4-2.4835GHz                | -                 | -               |
| 802.11b_Nss1,(1Mbps)_1TX     | 21.68             | 0.14723         |
| 802.11g_Nss1,(6Mbps)_1TX     | 21.36             | 0.13677         |
| 802.11n HT20_Nss1,(MCS0)_1TX | 21.24             | 0.13305         |
| 802.11n HT40_Nss1,(MCS0)_1TX | 19.56             | 0.09036         |



Result

| Mode                         | Result | DG (dBi) | Port 1 (dBm) | Total Power (dBm) | Power Limit (dBm) |
|------------------------------|--------|----------|--------------|-------------------|-------------------|
| 802.11b_Nss1,(1Mbps)_1TX     | -      | -        | -            | -                 | -                 |
| 2412MHz                      | Pass   | 4.69     | 21.14        | 21.14             | 30.00             |
| 2437MHz                      | Pass   | 4.69     | 21.68        | 21.68             | 30.00             |
| 2462MHz                      | Pass   | 4.69     | 21.16        | 21.16             | 30.00             |
| 802.11g_Nss1,(6Mbps)_1TX     | -      | -        | -            | -                 | -                 |
| 2412MHz                      | Pass   | 4.69     | 19.04        | 19.04             | 30.00             |
| 2417MHz                      | Pass   | 4.69     | 20.90        | 20.90             | 30.00             |
| 2437MHz                      | Pass   | 4.69     | 21.36        | 21.36             | 30.00             |
| 2457MHz                      | Pass   | 4.69     | 20.66        | 20.66             | 30.00             |
| 2462MHz                      | Pass   | 4.69     | 19.12        | 19.12             | 30.00             |
| 802.11n HT20_Nss1,(MCS0)_1TX | -      | -        | -            | -                 | -                 |
| 2412MHz                      | Pass   | 4.69     | 18.82        | 18.82             | 30.00             |
| 2417MHz                      | Pass   | 4.69     | 20.96        | 20.96             | 30.00             |
| 2437MHz                      | Pass   | 4.69     | 21.24        | 21.24             | 30.00             |
| 2457MHz                      | Pass   | 4.69     | 21.00        | 21.00             | 30.00             |
| 2462MHz                      | Pass   | 4.69     | 18.98        | 18.98             | 30.00             |
| 802.11n HT40_Nss1,(MCS0)_1TX | -      | -        | -            | -                 | -                 |
| 2422MHz                      | Pass   | 4.69     | 17.97        | 17.97             | 30.00             |
| 2427MHz                      | Pass   | 4.69     | 19.47        | 19.47             | 30.00             |
| 2437MHz                      | Pass   | 4.69     | 19.56        | 19.56             | 30.00             |
| 2447MHz                      | Pass   | 4.69     | 17.88        | 17.88             | 30.00             |
| 2452MHz                      | Pass   | 4.69     | 16.14        | 16.14             | 30.00             |

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



**Summary**

| Mode                              | Total Power (dBm) | Total Power (W) |
|-----------------------------------|-------------------|-----------------|
| 2.4-2.4835GHz                     | -                 | -               |
| 802.11ax HEW20-BF_Nss1,(MCS0)_4TX | 24.90             | 0.30903         |
| 802.11ax HEW40-BF_Nss1,(MCS0)_4TX | 20.72             | 0.11803         |



Result

| Mode                              | Result | DG (dBi) | Port 1 (dBm) | Port 2 (dBm) | Port 3 (dBm) | Port 4 (dBm) | Total Power (dBm) | Power Limit (dBm) |
|-----------------------------------|--------|----------|--------------|--------------|--------------|--------------|-------------------|-------------------|
| 802.11ax HEW20-BF_Nss1,(MCS0)_4TX | -      | -        | -            | -            | -            | -            | -                 | -                 |
| 2412MHz                           | Pass   | 6.70     | 15.83        | 16.01        | 15.94        | 16.07        | 21.98             | 29.30             |
| 2417MHz                           | Pass   | 6.70     | 16.66        | 16.85        | 16.87        | 16.90        | 22.84             | 29.30             |
| 2437MHz                           | Pass   | 6.70     | 18.79        | 18.77        | 18.97        | 18.99        | 24.90             | 29.30             |
| 2457MHz                           | Pass   | 6.70     | 16.05        | 16.29        | 15.96        | 16.22        | 22.15             | 29.30             |
| 2462MHz                           | Pass   | 6.70     | 14.77        | 14.69        | 14.75        | 15.05        | 20.84             | 29.30             |
| 802.11ax HEW40-BF_Nss1,(MCS0)_4TX | -      | -        | -            | -            | -            | -            | -                 | -                 |
| 2422MHz                           | Pass   | 6.70     | 14.58        | 14.89        | 14.53        | 14.77        | 20.72             | 29.30             |
| 2437MHz                           | Pass   | 6.70     | 14.41        | 14.37        | 14.51        | 14.35        | 20.43             | 29.30             |
| 2447MHz                           | Pass   | 6.70     | 13.64        | 13.91        | 13.48        | 13.86        | 19.75             | 29.30             |
| 2452MHz                           | Pass   | 6.70     | 13.15        | 13.29        | 13.20        | 13.35        | 19.27             | 29.30             |

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



Summary

| Mode                           | PD<br>(dBm/RBW) |
|--------------------------------|-----------------|
| 2.4-2.4835GHz                  | -               |
| 802.11b_Nss1,(1Mbps)_4TX       | 1.76            |
| 802.11g_Nss1,(6Mbps)_4TX       | -2.55           |
| 802.11n HT20_Nss1,(MCS0)_4TX   | -1.52           |
| 802.11n HT40_Nss1,(MCS0)_4TX   | -7.55           |
| VHT20_Nss1,(MCS0)_4TX          | -1.90           |
| VHT40_Nss1,(MCS0)_4TX          | -7.69           |
| 802.11ax HEW20_Nss1,(MCS0)_4TX | -2.74           |
| 802.11ax HEW40_Nss1,(MCS0)_4TX | -8.95           |

RBW = 3kHz;





Result

| Mode                           | Result | DG (dBi) | Port 1 (dBm/RBW) | Port 2 (dBm/RBW) | Port 3 (dBm/RBW) | Port 4 (dBm/RBW) | PD (dBm/RBW) | PD Limit (dBm/RBW) |
|--------------------------------|--------|----------|------------------|------------------|------------------|------------------|--------------|--------------------|
| 802.11b_Nss1,(1Mbps)_4TX       | -      | -        | -                | -                | -                | -                | -            | -                  |
| 2412MHz                        | Pass   | 6.70     | -1.94            | -3.31            | -3.74            | -4.28            | 0.45         | 7.30               |
| 2437MHz                        | Pass   | 6.70     | -3.48            | -5.24            | -4.10            | -3.78            | 1.34         | 7.30               |
| 2462MHz                        | Pass   | 6.70     | -4.13            | -4.55            | -3.57            | -2.66            | 1.76         | 7.30               |
| 802.11g_Nss1,(6Mbps)_4TX       | -      | -        | -                | -                | -                | -                | -            | -                  |
| 2412MHz                        | Pass   | 6.70     | -10.88           | -9.87            | -10.11           | -10.48           | -5.47        | 7.30               |
| 2437MHz                        | Pass   | 6.70     | -7.69            | -6.59            | -7.61            | -7.02            | -2.55        | 7.30               |
| 2462MHz                        | Pass   | 6.70     | -11.60           | -11.03           | -11.42           | -10.60           | -6.86        | 7.30               |
| 802.11n HT20_Nss1,(MCS0)_4TX   | -      | -        | -                | -                | -                | -                | -            | -                  |
| 2412MHz                        | Pass   | 6.70     | -7.84            | -8.77            | -8.60            | -7.95            | -4.27        | 7.30               |
| 2437MHz                        | Pass   | 6.70     | -4.69            | -5.07            | -5.38            | -6.20            | -1.52        | 7.30               |
| 2462MHz                        | Pass   | 6.70     | -10.24           | -9.15            | -8.17            | -10.20           | -5.44        | 7.30               |
| 802.11n HT40_Nss1,(MCS0)_4TX   | -      | -        | -                | -                | -                | -                | -            | -                  |
| 2422MHz                        | Pass   | 6.70     | -12.68           | -11.86           | -11.92           | -11.89           | -7.55        | 7.30               |
| 2437MHz                        | Pass   | 6.70     | -12.40           | -12.82           | -12.69           | -12.80           | -8.90        | 7.30               |
| 2452MHz                        | Pass   | 6.70     | -13.45           | -12.52           | -13.69           | -13.74           | -9.14        | 7.30               |
| VHT20_Nss1,(MCS0)_4TX          | -      | -        | -                | -                | -                | -                | -            | -                  |
| 2412MHz                        | Pass   | 6.70     | -9.39            | -8.63            | -8.83            | -8.78            | -4.17        | 7.30               |
| 2437MHz                        | Pass   | 6.70     | -6.35            | -6.05            | -5.98            | -5.46            | -1.90        | 7.30               |
| 2462MHz                        | Pass   | 6.70     | -9.49            | -9.94            | -9.74            | -8.96            | -6.06        | 7.30               |
| VHT40_Nss1,(MCS0)_4TX          | -      | -        | -                | -                | -                | -                | -            | -                  |
| 2422MHz                        | Pass   | 6.70     | -12.11           | -12.37           | -12.15           | -11.65           | -7.69        | 7.30               |
| 2437MHz                        | Pass   | 6.70     | -11.86           | -12.13           | -12.33           | -11.79           | -8.38        | 7.30               |
| 2452MHz                        | Pass   | 6.70     | -14.08           | -14.12           | -13.08           | -13.65           | -9.89        | 7.30               |
| 802.11ax HEW20_Nss1,(MCS0)_4TX | -      | -        | -                | -                | -                | -                | -            | -                  |
| 2412MHz                        | Pass   | 6.70     | -9.94            | -8.67            | -9.45            | -8.54            | -4.85        | 7.30               |
| 2437MHz                        | Pass   | 6.70     | -6.54            | -6.10            | -6.54            | -5.08            | -2.74        | 7.30               |
| 2462MHz                        | Pass   | 6.70     | -9.63            | -10.81           | -11.11           | -10.81           | -6.77        | 7.30               |
| 802.11ax HEW40_Nss1,(MCS0)_4TX | -      | -        | -                | -                | -                | -                | -            | -                  |
| 2422MHz                        | Pass   | 6.70     | -12.60           | -12.68           | -13.36           | -12.52           | -8.95        | 7.30               |
| 2437MHz                        | Pass   | 6.70     | -12.02           | -11.60           | -12.85           | -11.74           | -9.16        | 7.30               |
| 2452MHz                        | Pass   | 6.70     | -13.93           | -13.95           | -13.69           | -14.33           | -10.40       | 7.30               |

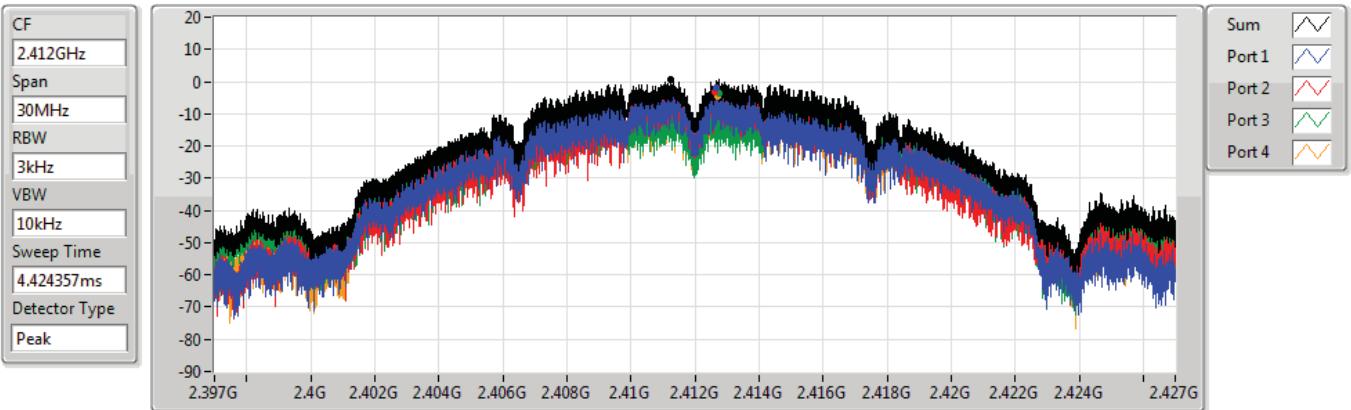
DG = Directional Gain; RBW = 3kHz;  
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

### 802.11b\_Nss1,(1Mbps)\_4TX

### PSD

#### 2412MHz

15/02/2021



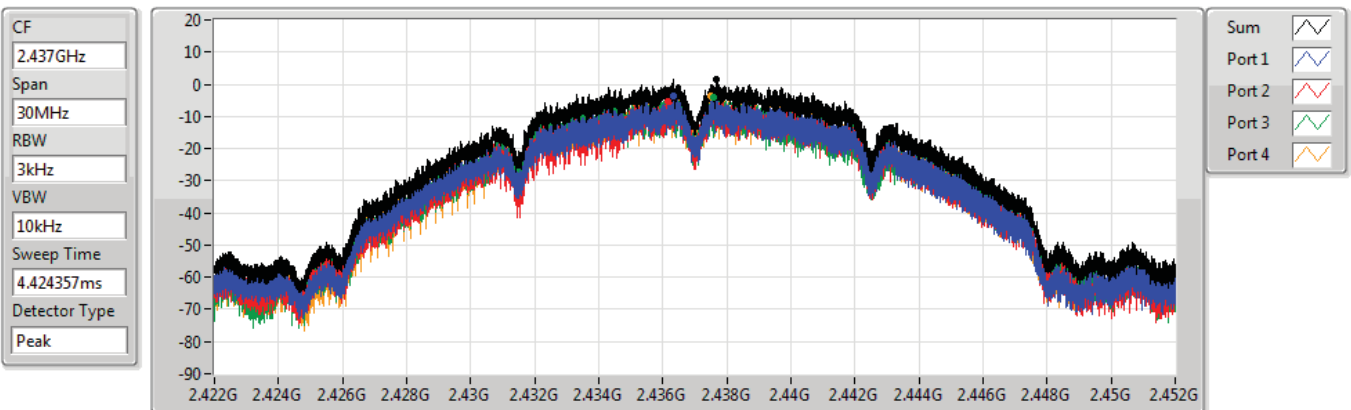
| Sum       | PD        | Port 1    | Port 2    | Port 3    | Port 4    |
|-----------|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 0.45      | 0.45      | -1.94     | -3.31     | -3.74     | -4.28     |

### 802.11b\_Nss1,(1Mbps)\_4TX

### PSD

#### 2437MHz

15/02/2021



| Sum       | PD        | Port 1    | Port 2    | Port 3    | Port 4    |
|-----------|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 1.34      | 1.34      | -3.48     | -5.24     | -4.10     | -3.78     |

### 802.11b\_Nss1,(1Mbps)\_4TX

### PSD

2462MHz

15/02/2021

CF  
2.462GHz

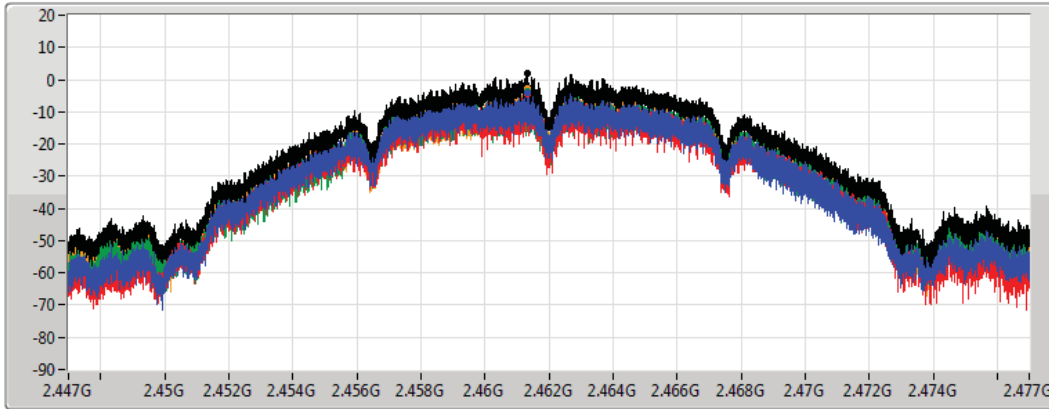
Span  
30MHz


RBW  
3kHz


VBW  
10kHz


Sweep Time  
4.424357ms


Detector Type  
Peak




Sum 

Port 1 

Port 2 

Port 3 

Port 4 

| Sum       | PD        | Port 1    | Port 2    | Port 3    | Port 4    |
|-----------|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 1.76      | 1.76      | -4.13     | -4.55     | -3.57     | -2.66     |

### 802.11g\_Nss1,(6Mbps)\_4TX

### PSD

2412MHz

15/02/2021

CF  
2.412GHz

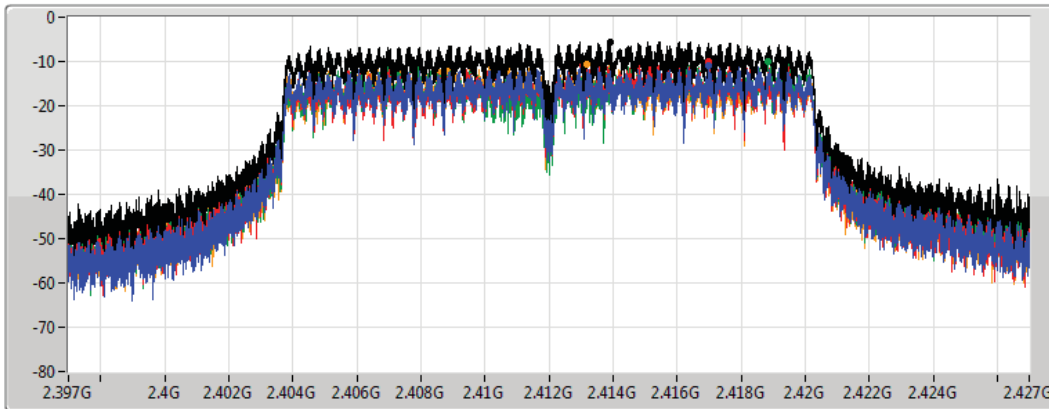
Span  
30MHz


RBW  
3kHz


VBW  
10kHz


Sweep Time  
4.424357ms


Detector Type  
Peak




Sum 

Port 1 

Port 2 

Port 3 

Port 4 

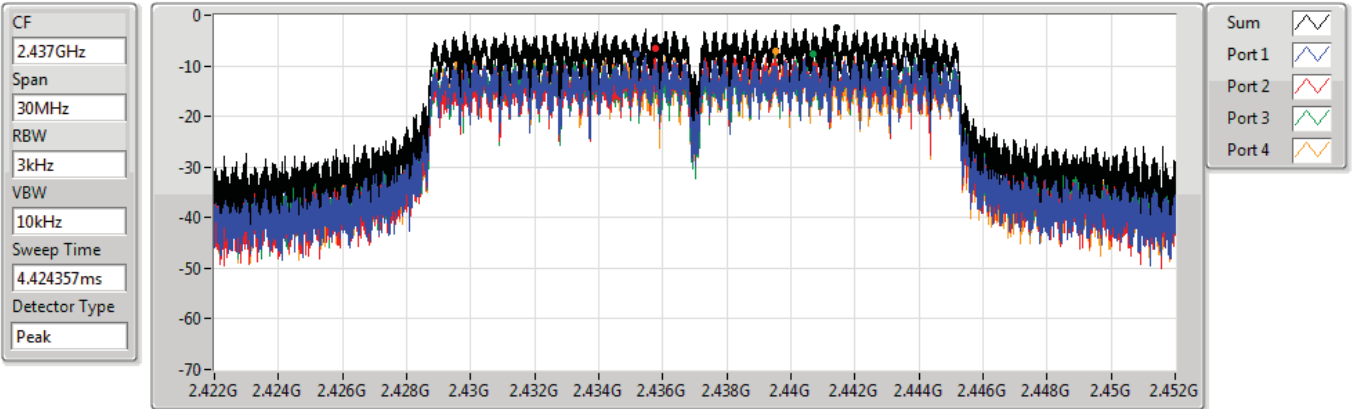
| Sum       | PD        | Port 1    | Port 2    | Port 3    | Port 4    |
|-----------|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -5.47     | -5.47     | -10.88    | -9.87     | -10.11    | -10.48    |

### 802.11g\_Nss1,(6Mbps)\_4TX

### PSD

2437MHz

15/02/2021



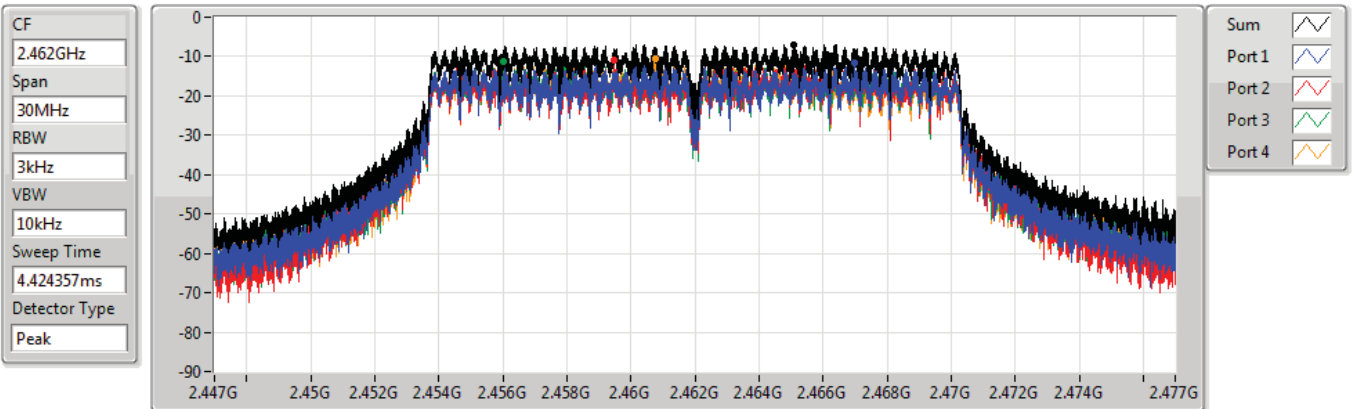
| Sum       | PD        | Port 1    | Port 2    | Port 3    | Port 4    |
|-----------|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -2.55     | -2.55     | -7.69     | -6.59     | -7.61     | -7.02     |

### 802.11g\_Nss1,(6Mbps)\_4TX

### PSD

2462MHz

15/02/2021



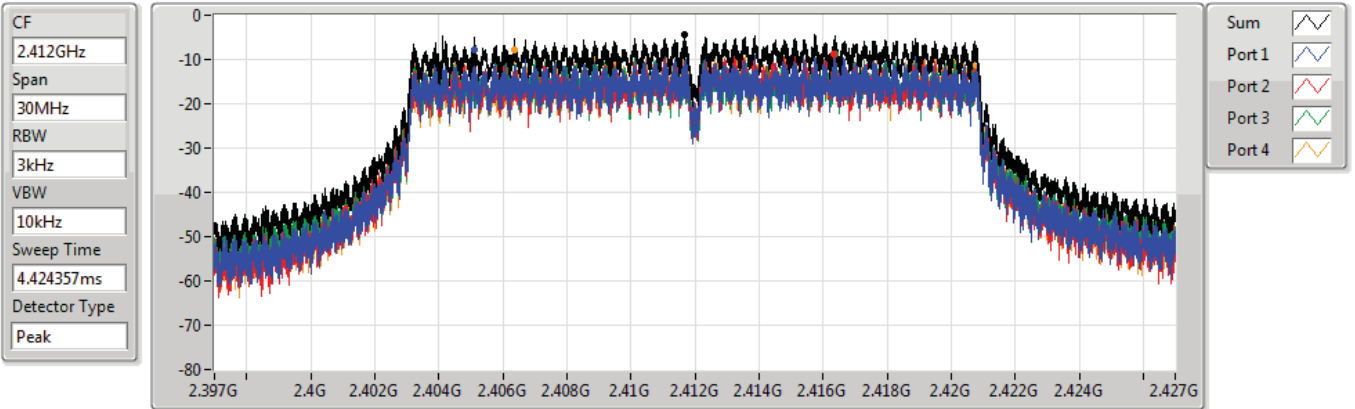
| Sum       | PD        | Port 1    | Port 2    | Port 3    | Port 4    |
|-----------|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -6.86     | -6.86     | -11.60    | -11.03    | -11.42    | -10.60    |

802.11n HT20\_Nss1,(MCS0)\_4TX

PSD

2412MHz

15/02/2021



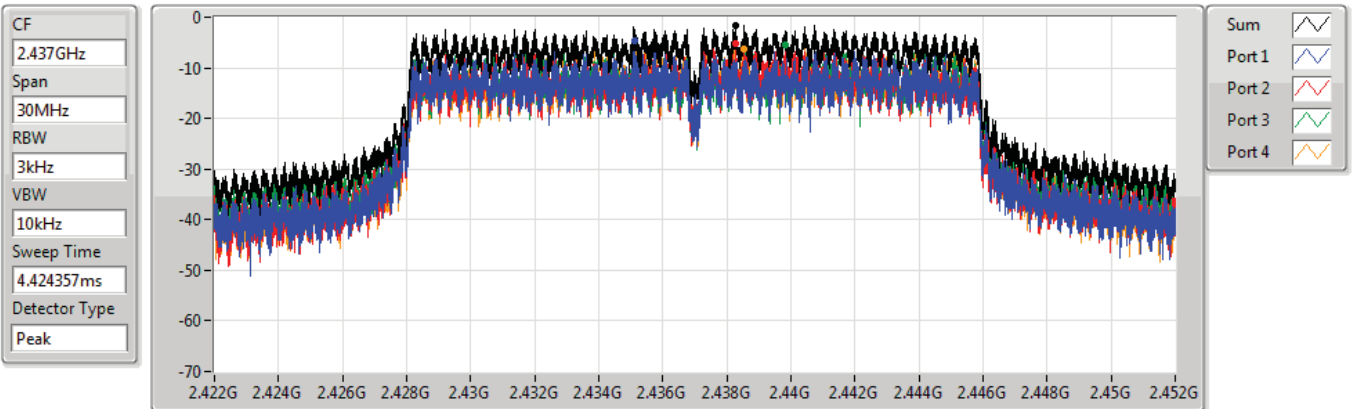
| Sum       | PD        | Port 1    | Port 2    | Port 3    | Port 4    |
|-----------|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -4.27     | -4.27     | -7.84     | -8.77     | -8.60     | -7.95     |

802.11n HT20\_Nss1,(MCS0)\_4TX

PSD

2437MHz

15/02/2021



| Sum       | PD        | Port 1    | Port 2    | Port 3    | Port 4    |
|-----------|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -1.52     | -1.52     | -4.69     | -5.07     | -5.38     | -6.20     |

### 802.11n HT20\_Nss1,(MCS0)\_4TX

### PSD

2462MHz

15/02/2021

CF  
2.462GHz

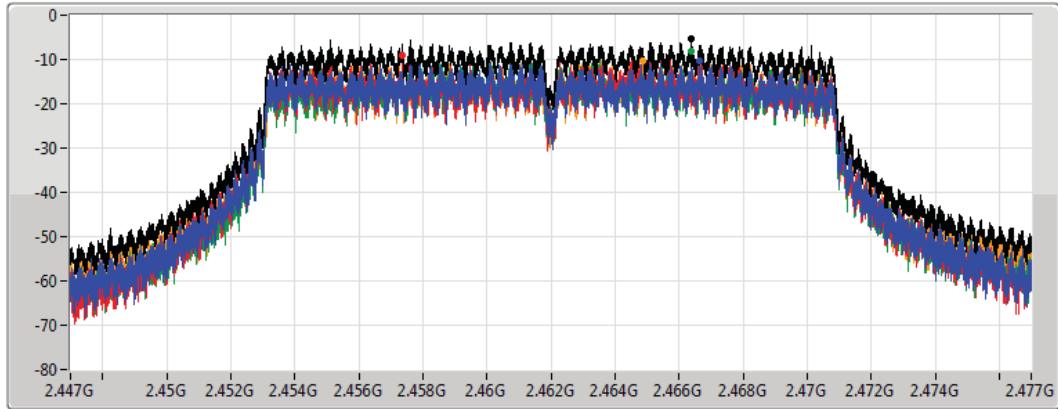
Span  
30MHz

RBW  
3kHz

VBW  
10kHz

Sweep Time  
4.424357ms

Detector Type  
Peak



Sum

Port 1

Port 2

Port 3

Port 4

| Sum       | PD        | Port 1    | Port 2    | Port 3    | Port 4    |
|-----------|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -5.44     | -5.44     | -10.24    | -9.15     | -8.17     | -10.20    |

### 802.11n HT40\_Nss1,(MCS0)\_4TX

### PSD

2422MHz

15/02/2021

CF  
2.422GHz

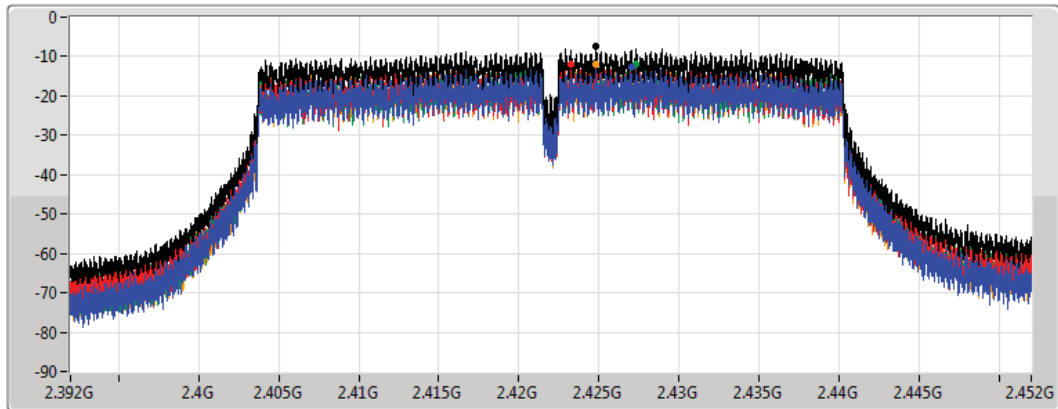
Span  
60MHz

RBW  
3kHz

VBW  
10kHz

Sweep Time  
8.848933ms

Detector Type  
Peak



Sum

Port 1

Port 2

Port 3

Port 4

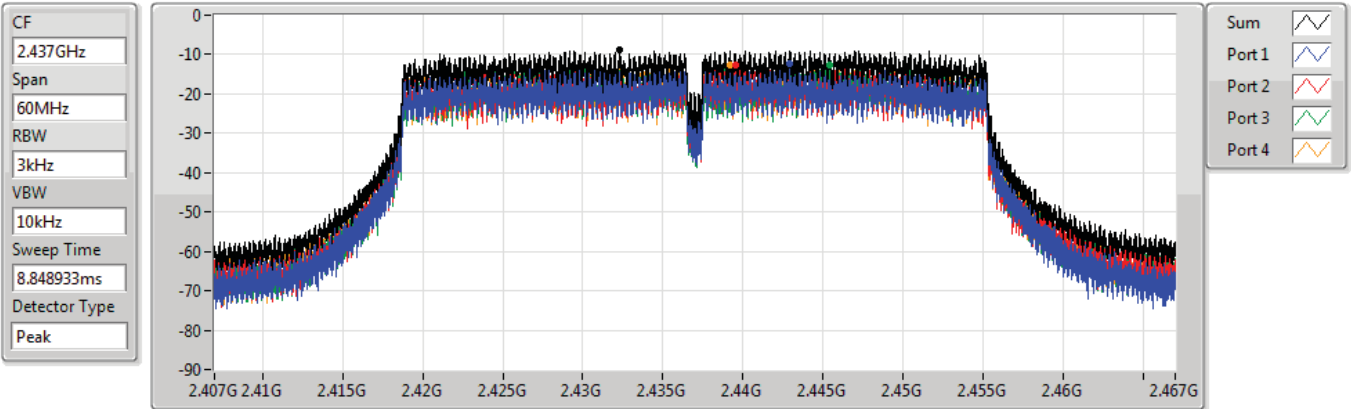
| Sum       | PD        | Port 1    | Port 2    | Port 3    | Port 4    |
|-----------|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -7.55     | -7.55     | -12.68    | -11.86    | -11.92    | -11.89    |

802.11n HT40\_Nss1,(MCS0)\_4TX

PSD

2437MHz

15/02/2021



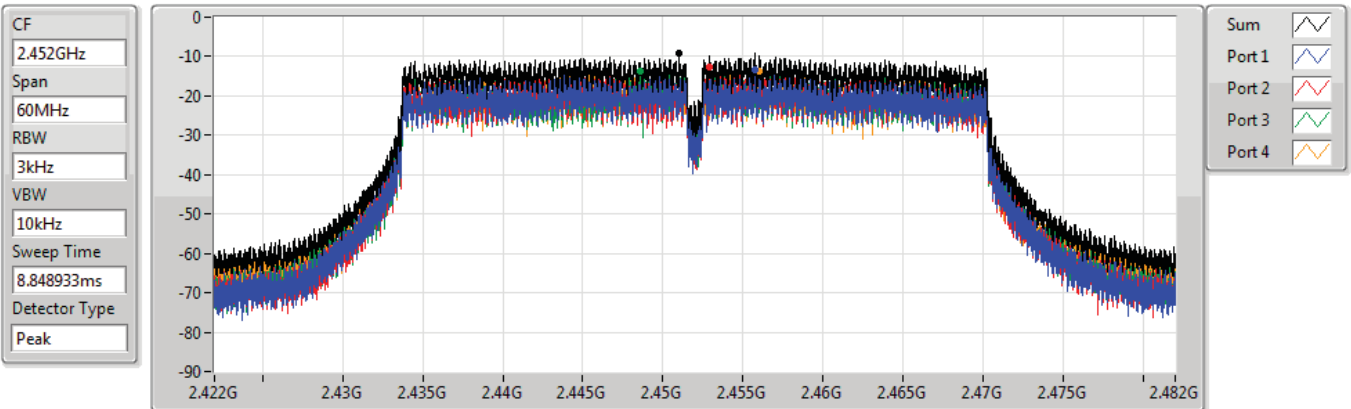
| Sum       | PD        | Port 1    | Port 2    | Port 3    | Port 4    |
|-----------|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -8.90     | -8.90     | -12.40    | -12.82    | -12.69    | -12.80    |

802.11n HT40\_Nss1,(MCS0)\_4TX

PSD

2452MHz

15/02/2021



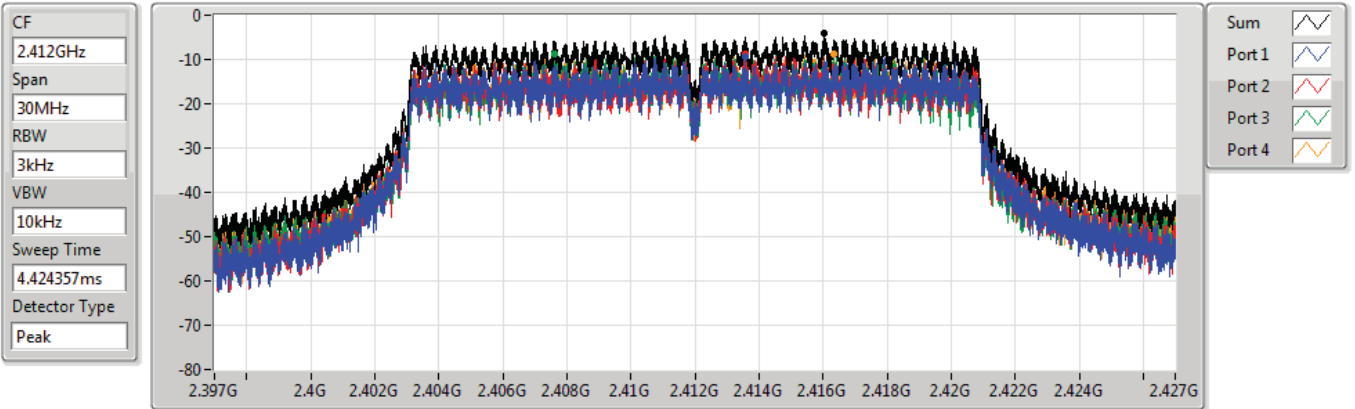
| Sum       | PD        | Port 1    | Port 2    | Port 3    | Port 4    |
|-----------|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -9.14     | -9.14     | -13.45    | -12.52    | -13.69    | -13.74    |

VHT20\_Nss1,(MCS0)\_4TX

PSD

2412MHz

15/02/2021



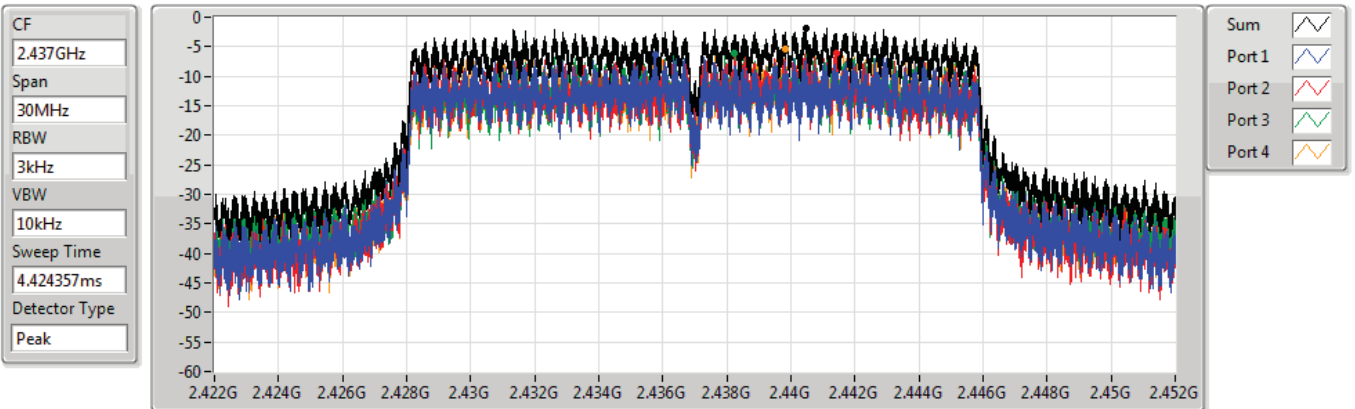
| Sum       | PD        | Port 1    | Port 2    | Port 3    | Port 4    |
|-----------|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -4.17     | -4.17     | -9.39     | -8.63     | -8.83     | -8.78     |

VHT20\_Nss1,(MCS0)\_4TX

PSD

2437MHz

15/02/2021



| Sum       | PD        | Port 1    | Port 2    | Port 3    | Port 4    |
|-----------|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -1.90     | -1.90     | -6.35     | -6.05     | -5.98     | -5.46     |



VHT20\_Nss1,(MCS0)\_4TX

PSD

2462MHz

15/02/2021

CF  
2.462GHz

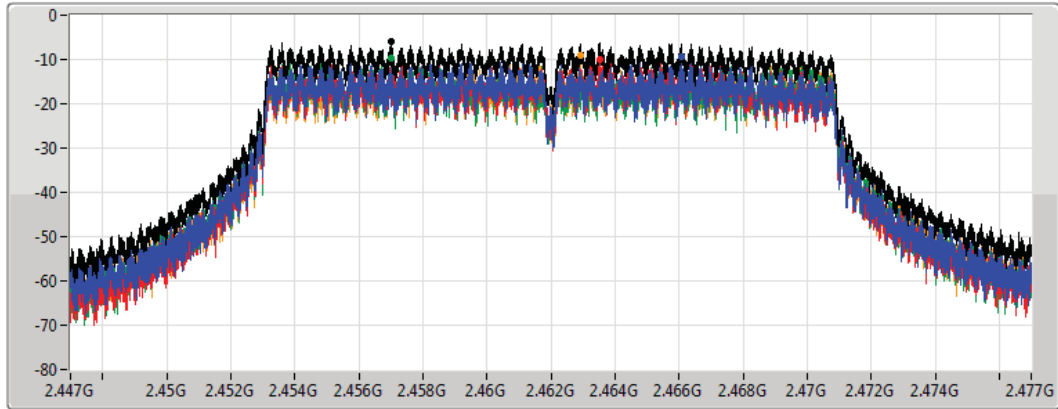
Span  
30MHz

RBW  
3kHz

VBW  
10kHz

Sweep Time  
4.424357ms

Detector Type  
Peak



Sum

Port 1

Port 2

Port 3

Port 4

| Sum       | PD        | Port 1    | Port 2    | Port 3    | Port 4    |
|-----------|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -6.06     | -6.06     | -9.49     | -9.94     | -9.74     | -8.96     |

VHT40\_Nss1,(MCS0)\_4TX

PSD

2422MHz

15/02/2021

CF  
2.422GHz

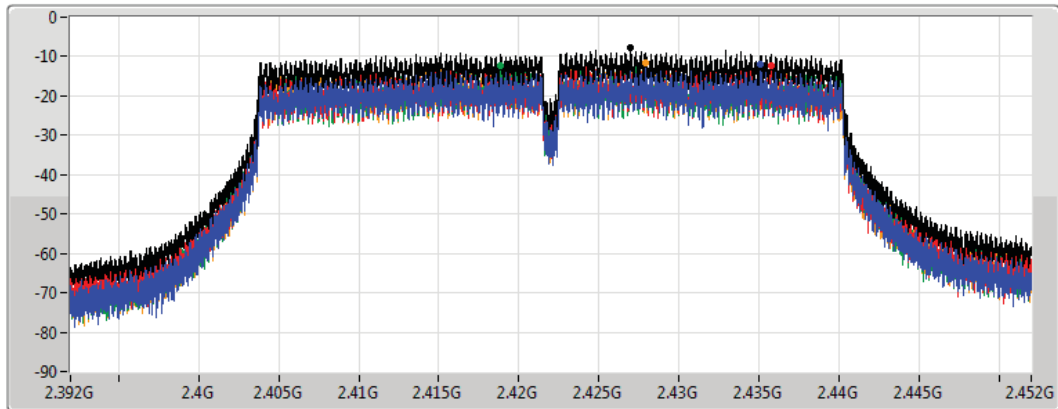
Span  
60MHz

RBW  
3kHz

VBW  
10kHz

Sweep Time  
8.848933ms

Detector Type  
Peak



Sum

Port 1

Port 2

Port 3

Port 4

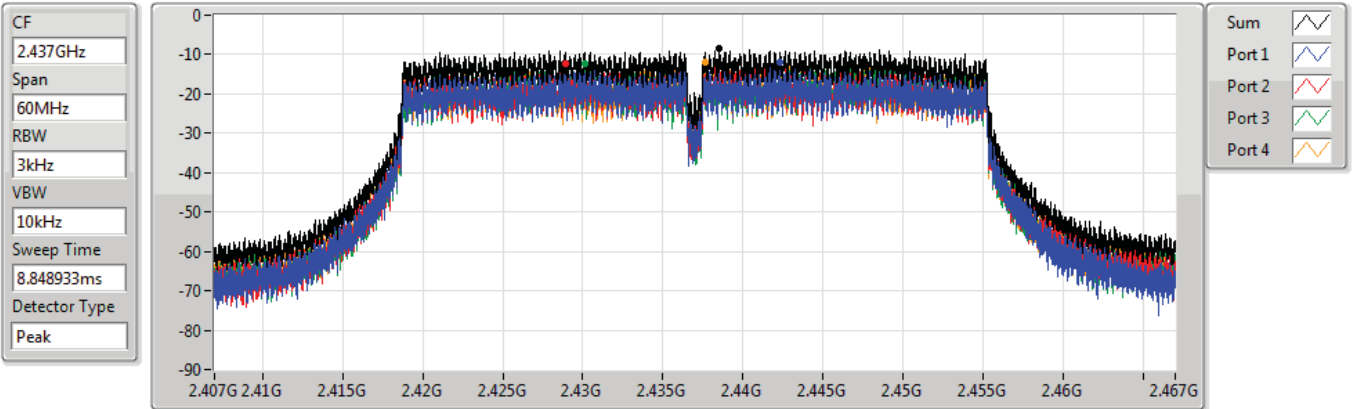
| Sum       | PD        | Port 1    | Port 2    | Port 3    | Port 4    |
|-----------|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -7.69     | -7.69     | -12.11    | -12.37    | -12.15    | -11.65    |

VHT40\_Nss1,(MCS0)\_4TX

PSD

2437MHz

15/02/2021



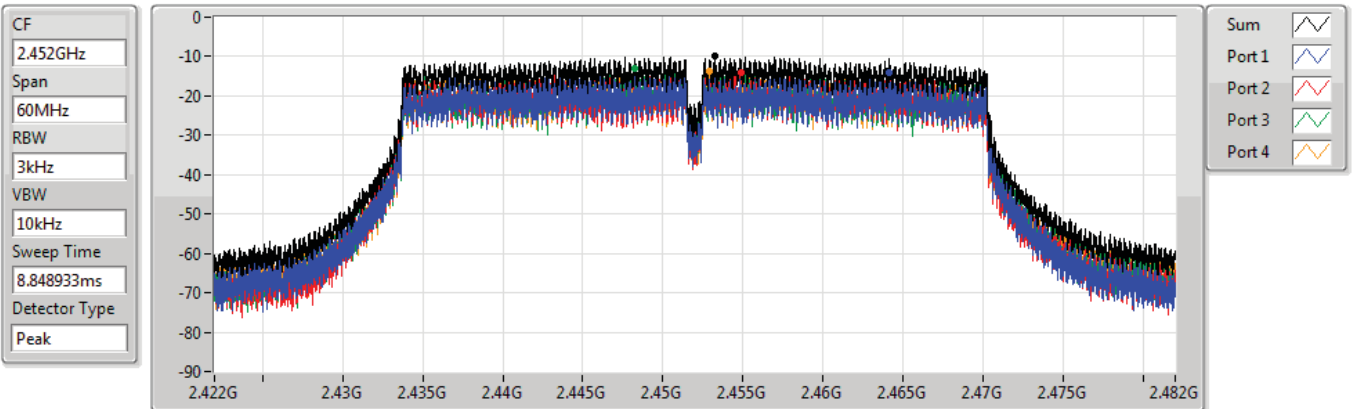
| Sum       | PD        | Port 1    | Port 2    | Port 3    | Port 4    |
|-----------|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -8.38     | -8.38     | -11.86    | -12.13    | -12.33    | -11.79    |

VHT40\_Nss1,(MCS0)\_4TX

PSD

2452MHz

15/02/2021



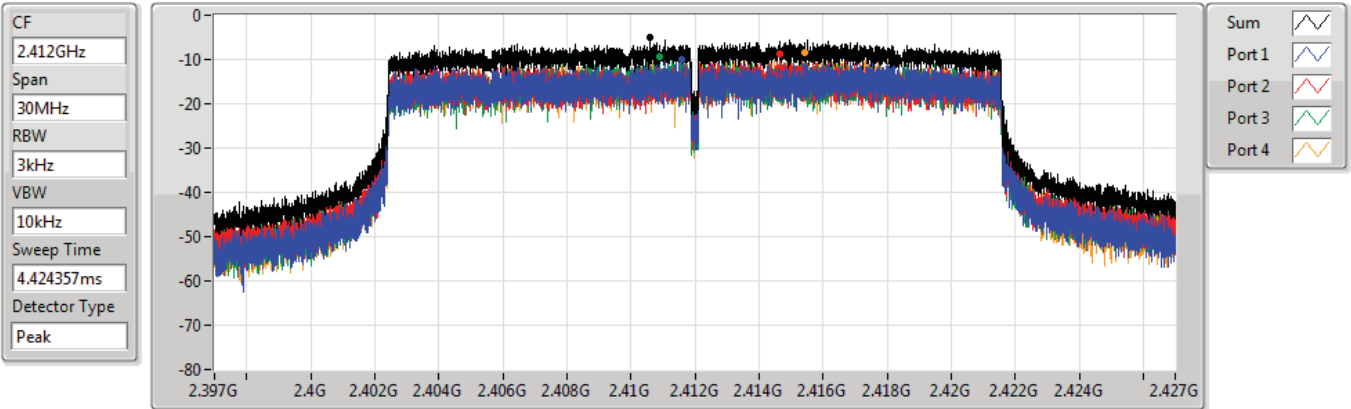
| Sum       | PD        | Port 1    | Port 2    | Port 3    | Port 4    |
|-----------|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -9.89     | -9.89     | -14.08    | -14.12    | -13.08    | -13.65    |

802.11ax HEW20\_Nss1,(MCS0)\_4TX

PSD

2412MHz

15/02/2021



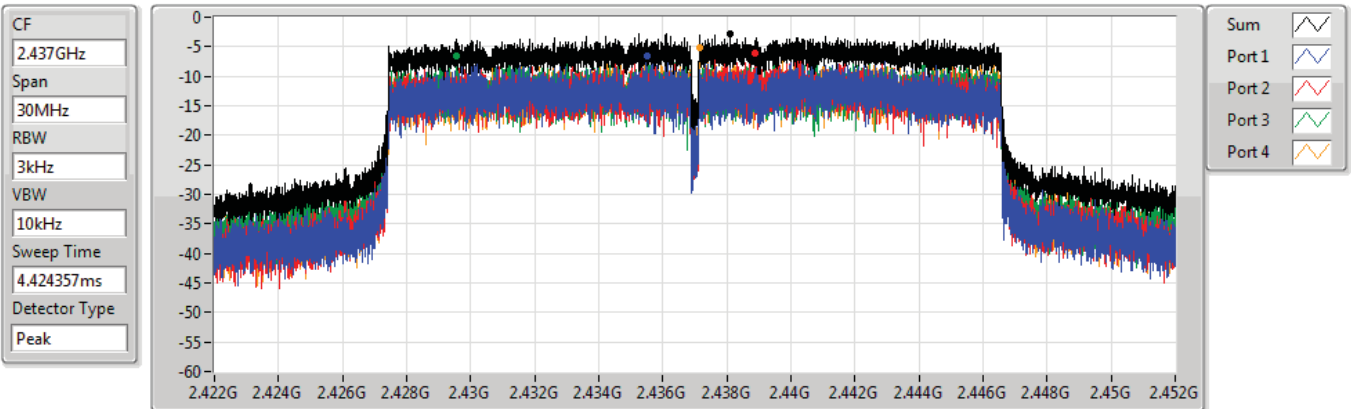
| Sum       | PD        | Port 1    | Port 2    | Port 3    | Port 4    |
|-----------|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -4.85     | -4.85     | -9.94     | -8.67     | -9.45     | -8.54     |

802.11ax HEW20\_Nss1,(MCS0)\_4TX

PSD

2437MHz

15/02/2021



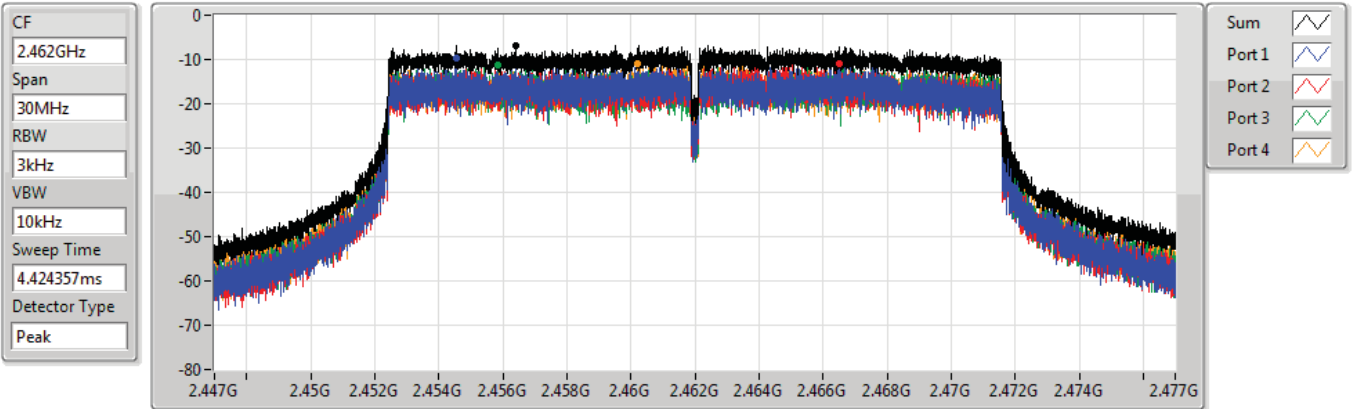
| Sum       | PD        | Port 1    | Port 2    | Port 3    | Port 4    |
|-----------|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -2.74     | -2.74     | -6.54     | -6.10     | -6.54     | -5.08     |

### 802.11ax HEW20\_Nss1,(MCS0)\_4TX

PSD

2462MHz

15/02/2021



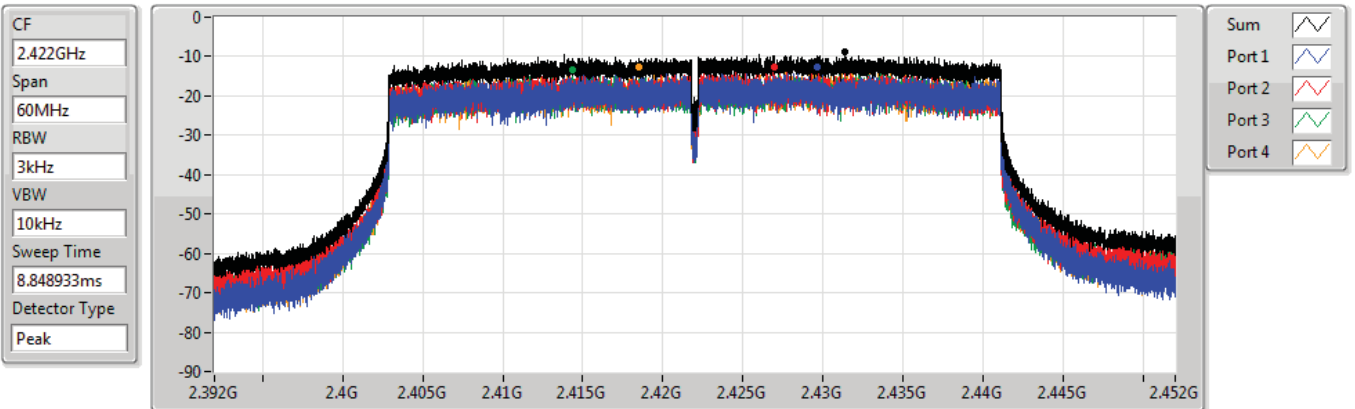
| Sum       | PD        | Port 1    | Port 2    | Port 3    | Port 4    |
|-----------|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -6.77     | -6.77     | -9.63     | -10.81    | -11.11    | -10.81    |

### 802.11ax HEW40\_Nss1,(MCS0)\_4TX

PSD

2422MHz

15/02/2021



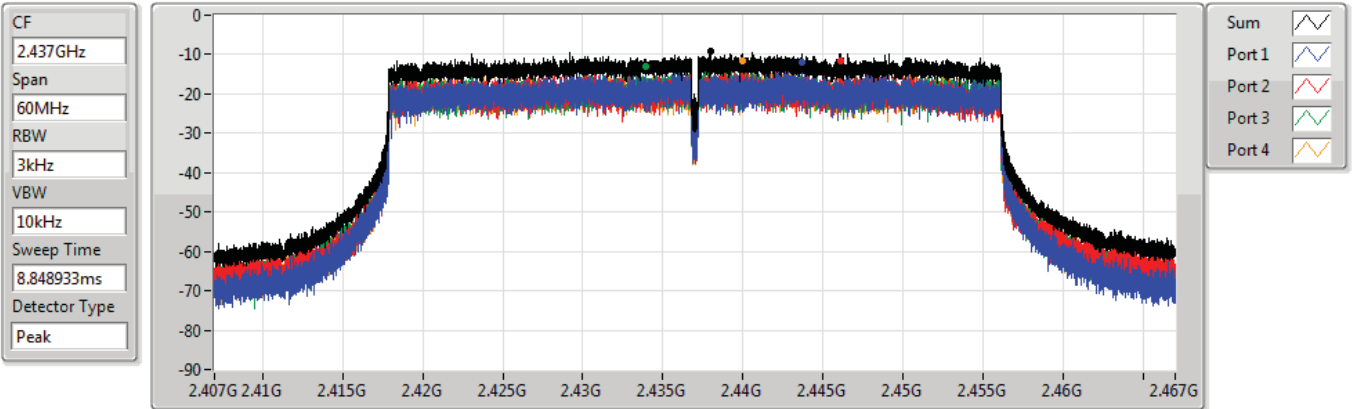
| Sum       | PD        | Port 1    | Port 2    | Port 3    | Port 4    |
|-----------|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -8.95     | -8.95     | -12.60    | -12.68    | -13.36    | -12.52    |

802.11ax HEW40\_Nss1,(MCS0)\_4TX

PSD

2437MHz

15/02/2021



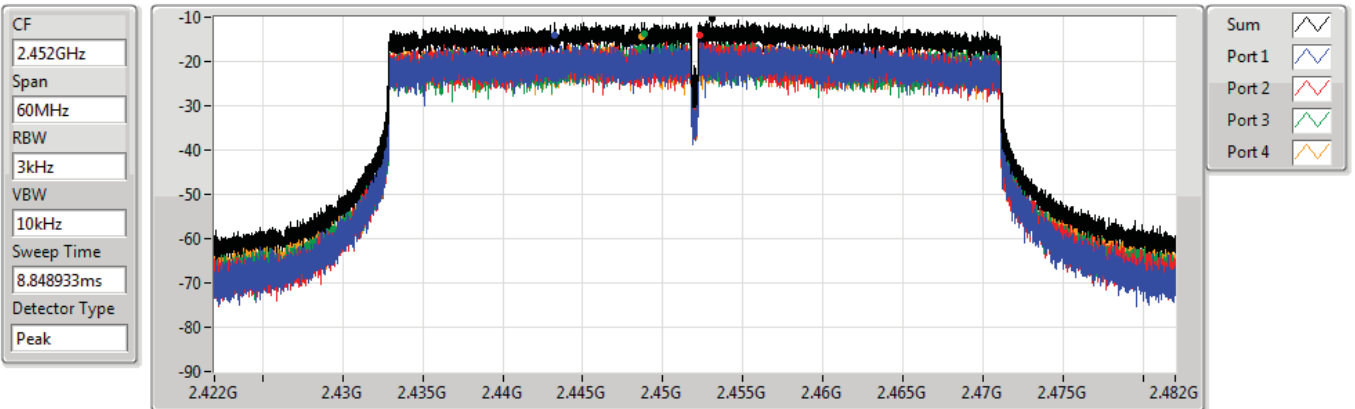
| Sum       | PD        | Port 1    | Port 2    | Port 3    | Port 4    |
|-----------|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -9.16     | -9.16     | -12.02    | -11.60    | -12.85    | -11.74    |

802.11ax HEW40\_Nss1,(MCS0)\_4TX

PSD

2452MHz

15/02/2021



| Sum       | PD        | Port 1    | Port 2    | Port 3    | Port 4    |
|-----------|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -10.40    | -10.40    | -13.93    | -13.95    | -13.69    | -14.33    |



Summary

| Mode                         | PD<br>(dBm/RBW) |
|------------------------------|-----------------|
| 2.4-2.4835GHz                | -               |
| 802.11b_Nss1,(1Mbps)_1TX     | -1.28           |
| 802.11g_Nss1,(6Mbps)_1TX     | -4.71           |
| 802.11n HT20_Nss1,(MCS0)_1TX | -4.21           |
| 802.11n HT40_Nss1,(MCS0)_1TX | -9.84           |

RBW = 3kHz;



Result

| Mode                         | Result | DG (dBi) | Port 1 (dBm/RBW) | PD (dBm/RBW) | PD Limit (dBm/RBW) |
|------------------------------|--------|----------|------------------|--------------|--------------------|
| 802.11b_Nss1,(1Mbps)_1TX     | -      | -        | -                | -            | -                  |
| 2412MHz                      | Pass   | 4.69     | -2.77            | -2.77        | 8.00               |
| 2437MHz                      | Pass   | 4.69     | -1.28            | -1.28        | 8.00               |
| 2462MHz                      | Pass   | 4.69     | -2.44            | -2.44        | 8.00               |
| 802.11g_Nss1,(6Mbps)_1TX     | -      | -        | -                | -            | -                  |
| 2412MHz                      | Pass   | 4.69     | -6.41            | -6.41        | 8.00               |
| 2437MHz                      | Pass   | 4.69     | -4.71            | -4.71        | 8.00               |
| 2462MHz                      | Pass   | 4.69     | -6.96            | -6.96        | 8.00               |
| 802.11n HT20_Nss1,(MCS0)_1TX | -      | -        | -                | -            | -                  |
| 2412MHz                      | Pass   | 4.69     | -7.76            | -7.76        | 8.00               |
| 2437MHz                      | Pass   | 4.69     | -4.21            | -4.21        | 8.00               |
| 2462MHz                      | Pass   | 4.69     | -7.50            | -7.50        | 8.00               |
| 802.11n HT40_Nss1,(MCS0)_1TX | -      | -        | -                | -            | -                  |
| 2422MHz                      | Pass   | 4.69     | -11.20           | -11.20       | 8.00               |
| 2437MHz                      | Pass   | 4.69     | -9.84            | -9.84        | 8.00               |
| 2452MHz                      | Pass   | 4.69     | -12.44           | -12.44       | 8.00               |

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

### PSD

2412MHz

15/02/2021

CF  
2.412GHz

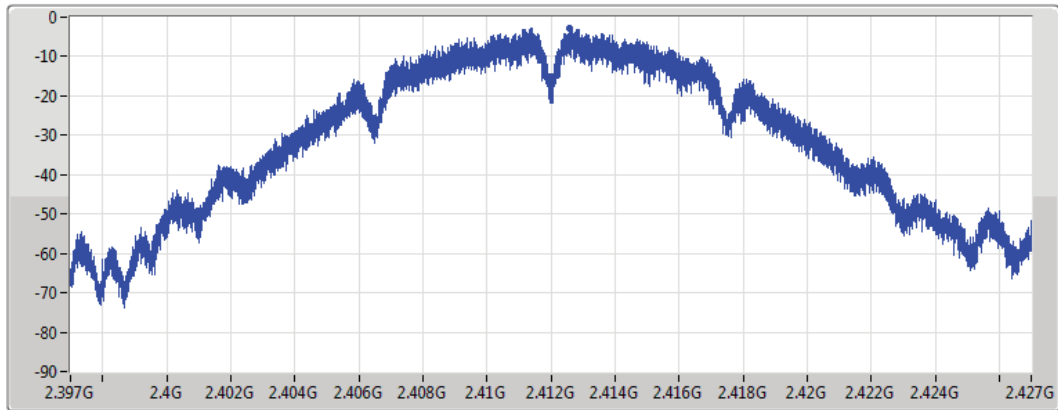
Span  
30MHz

RBW  
3kHz

VBW  
10kHz

Sweep Time  
4.424357ms

Detector Type  
Peak



Port 1 

| Sum       | PD        | Port 1    |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -2.77     | -2.77     | -2.77     |

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

### PSD

2437MHz

15/02/2021

CF  
2.437GHz

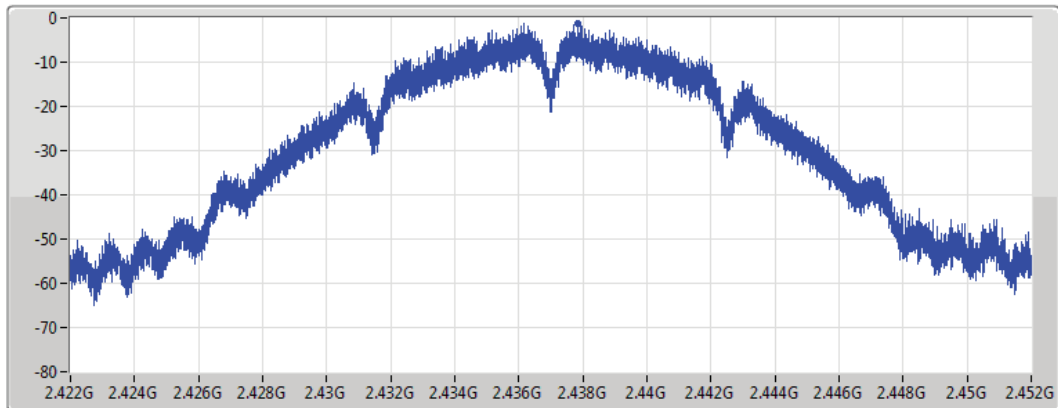
Span  
30MHz

RBW  
3kHz

VBW  
10kHz

Sweep Time  
4.424357ms

Detector Type  
Peak



Port 1 

| Sum       | PD        | Port 1    |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -1.28     | -1.28     | -1.28     |





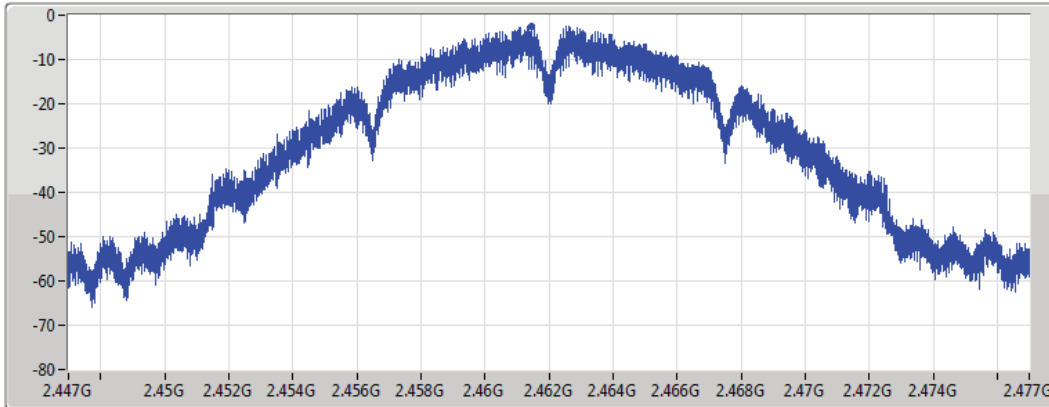
### 802.11b\_Nss1,(1Mbps)\_1TX

PSD

2462MHz

15/02/2021

CF  
2.462GHz  
Span  
30MHz  
RBW  
3kHz  
VBW  
10kHz  
Sweep Time  
4.424357ms  
Detector Type  
Peak



Port 1

| Sum       | PD        | Port 1    |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -2.44     | -2.44     | -2.44     |

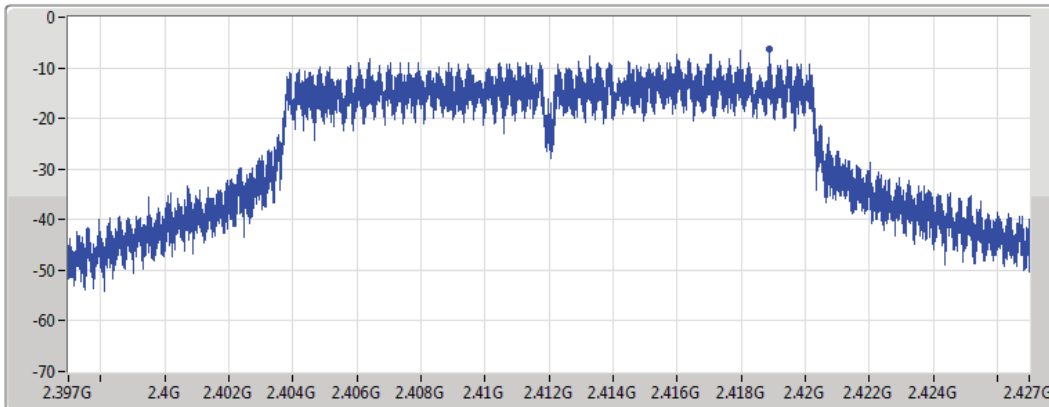
### 802.11g\_Nss1,(6Mbps)\_1TX

PSD

2412MHz

15/02/2021

CF  
2.412GHz  
Span  
30MHz  
RBW  
3kHz  
VBW  
10kHz  
Sweep Time  
4.424357ms  
Detector Type  
Peak



Port 1

| Sum       | PD        | Port 1    |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -6.41     | -6.41     | -6.41     |

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

PSD

2437MHz

15/02/2021

CF  
2.437GHz

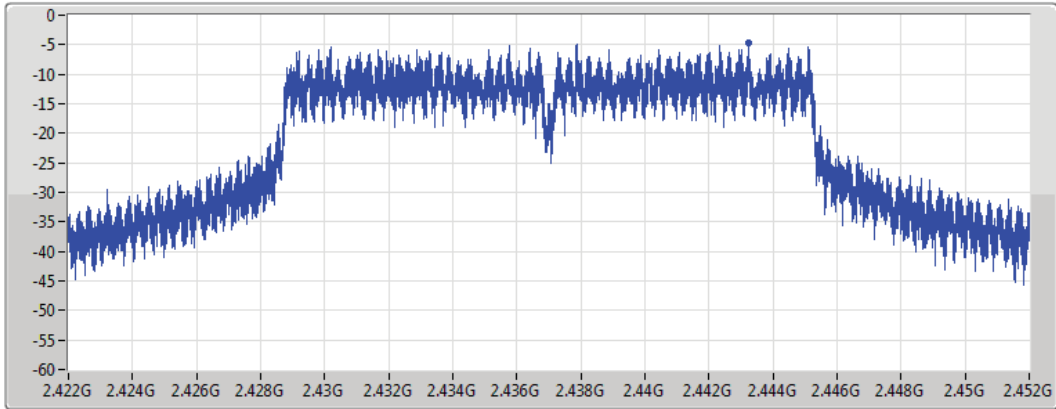
Span  
30MHz


RBW  
3kHz

VBW  
10kHz

Sweep Time  
4.424357ms

Detector Type  
Peak



Port 1 

| Sum       | PD        | Port 1    |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -4.71     | -4.71     | -4.71     |

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

PSD

2462MHz

15/02/2021

CF  
2.462GHz

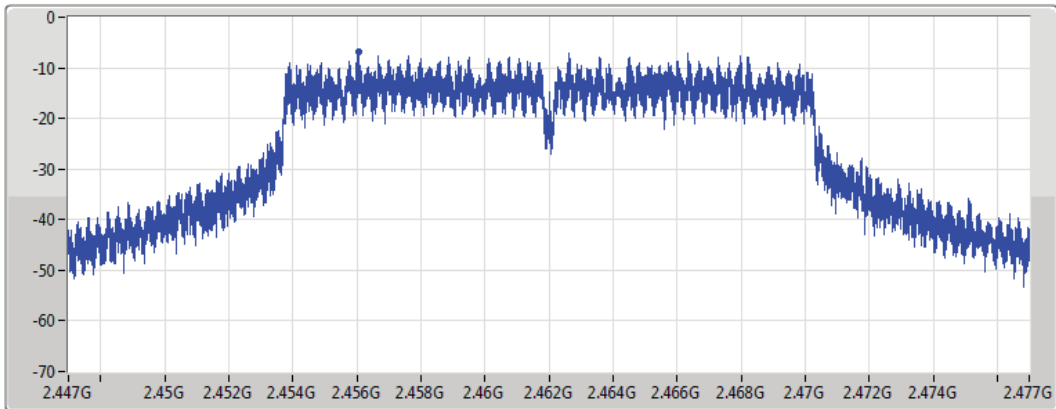
Span  
30MHz


RBW  
3kHz

VBW  
10kHz

Sweep Time  
4.424357ms

Detector Type  
Peak



Port 1 

| Sum       | PD        | Port 1    |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -6.96     | -6.96     | -6.96     |



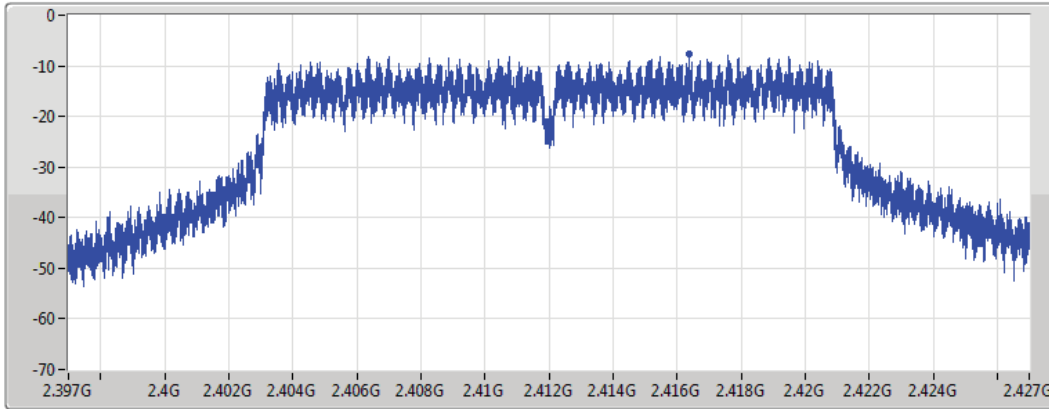
### 802.11n HT20\_Nss1,(MCS0)\_1TX

### PSD

2412MHz

15/02/2021

CF  
2.412GHz  
Span  
30MHz  
RBW  
3kHz  
VBW  
10kHz  
Sweep Time  
4.424357ms  
Detector Type  
Peak



Port 1

| Sum       | PD        | Port 1    |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -7.76     | -7.76     | -7.76     |

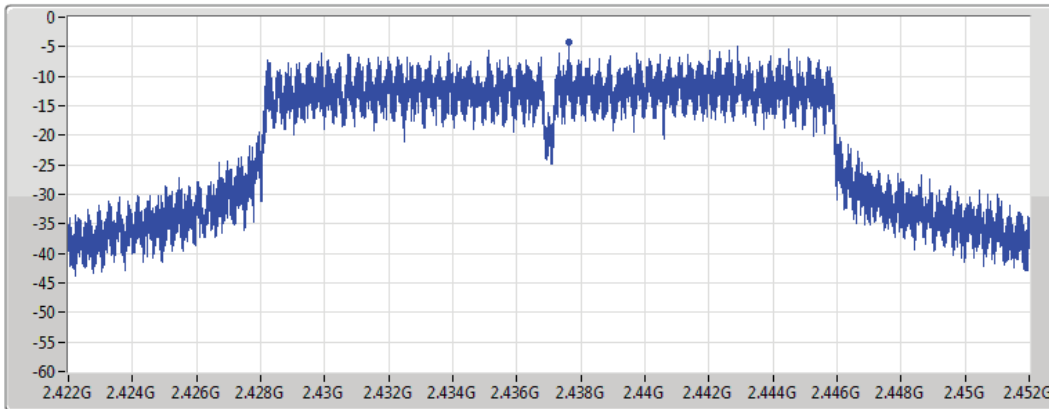
### 802.11n HT20\_Nss1,(MCS0)\_1TX

### PSD

2437MHz

15/02/2021

CF  
2.437GHz  
Span  
30MHz  
RBW  
3kHz  
VBW  
10kHz  
Sweep Time  
4.424357ms  
Detector Type  
Peak



Port 1

| Sum       | PD        | Port 1    |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -4.21     | -4.21     | -4.21     |

802.11n HT20\_Nss1,(MCS0)\_1TX

PSD

2462MHz

15/02/2021

CF  
2.462GHz

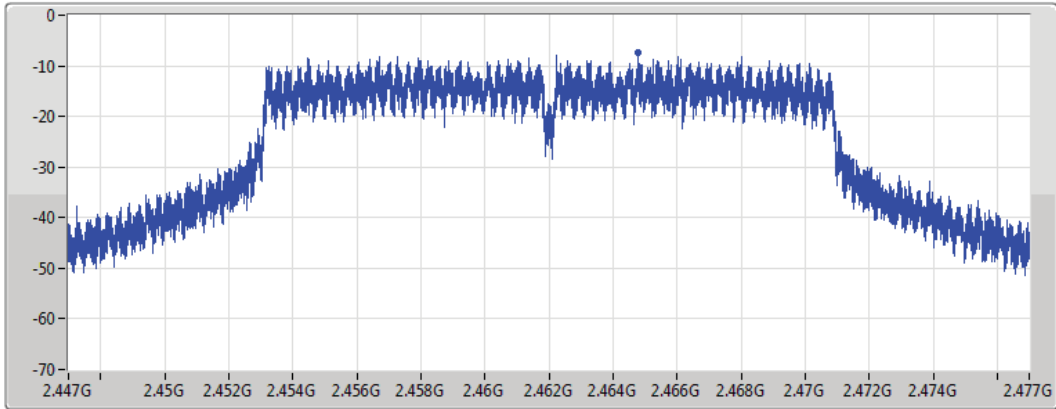
Span  
30MHz

RBW  
3kHz

VBW  
10kHz

Sweep Time  
4.424357ms

Detector Type  
Peak



Port 1 

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

802.11n HT40\_Nss1,(MCS0)\_1TX

PSD

2422MHz

15/02/2021

CF  
2.422GHz

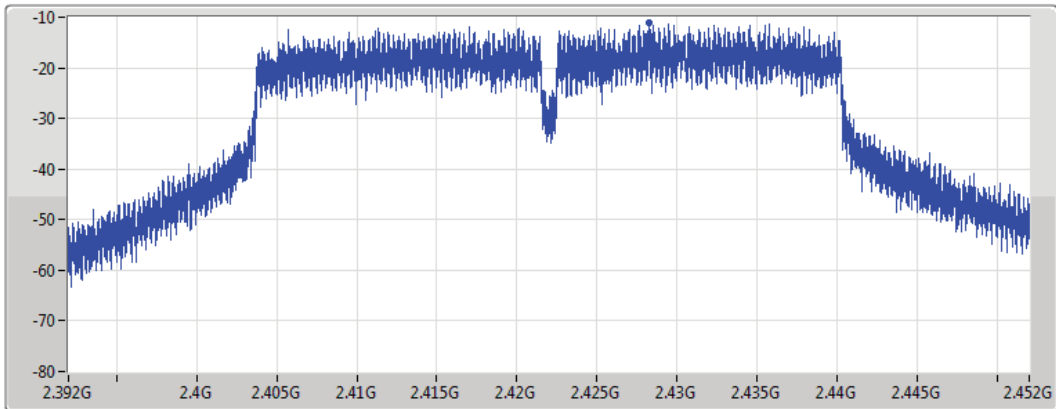
Span  
60MHz


RBW  
3kHz

VBW  
10kHz

Sweep Time  
8.848933ms

Detector Type  
Peak



Port 1 

| Sum       | PD        | Port 1    |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -11.20    | -11.20    | -11.20    |

802.11n HT40\_Nss1,(MCS0)\_1TX

PSD

2437MHz

15/02/2021

CF  
2.437GHz

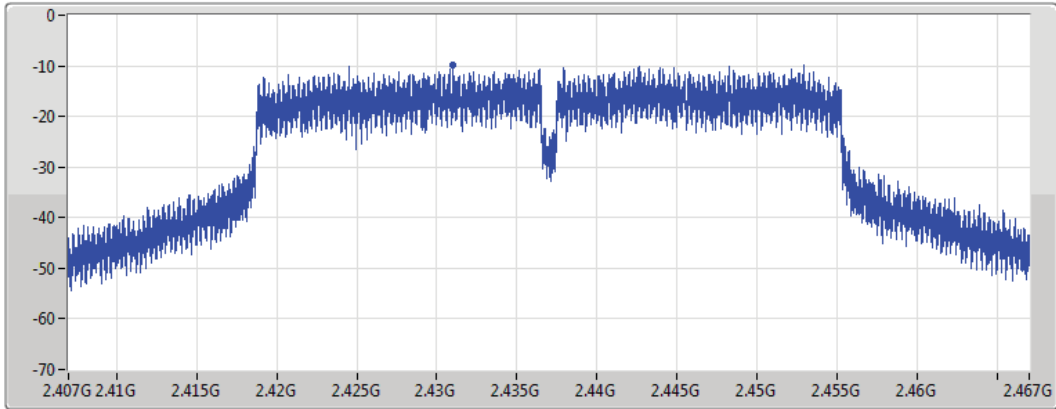
Span  
60MHz


RBW  
3kHz

VBW  
10kHz

Sweep Time  
8.848933ms

Detector Type  
Peak



Port 1 

| Sum       | PD        | Port 1    |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -9.84     | -9.84     | -9.84     |

802.11n HT40\_Nss1,(MCS0)\_1TX

PSD

2452MHz

15/02/2021

CF  
2.452GHz

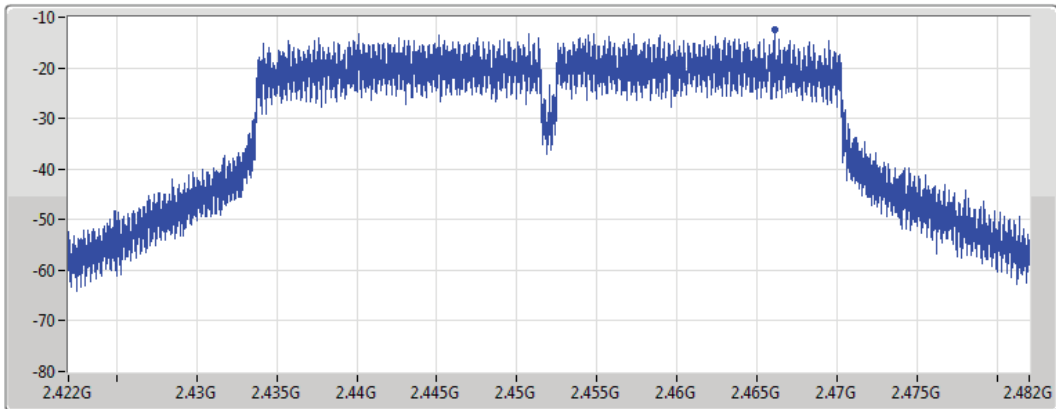
Span  
60MHz


RBW  
3kHz

VBW  
10kHz

Sweep Time  
8.848933ms

Detector Type  
Peak



Port 1 

| Sum       | PD        | Port 1    |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -12.44    | -12.44    | -12.44    |



Summary

| Mode                           | Result | Ref (Hz) | Ref (dBm) | Limit (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Port |
|--------------------------------|--------|----------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|------|
| 2.4-2.4835GHz                  | -      | -        | -         | -           | -         | -           | -         | -           | -         | -           | -         | -           | -         | -           | -    |
| 802.11b_Nss1,(1Mbps)_4TX       | Pass   | 2.41148G | 12.52     | -17.48      | 2.13341G  | -54.62      | 2.39852G  | -26.85      | 2.4G      | -34.35      | 2.49118G  | -52.49      | 24.71342G | -42.38      | 3    |
| 802.11g_Nss1,(6Mbps)_4TX       | Pass   | 2.442G   | 10.21     | -19.79      | 1.8739G   | -55.06      | 2.39994G  | -28.06      | 2.4G      | -27.50      | 2.48884G  | -52.02      | 15.32106G | -41.25      | 3    |
| 802.11n HT20_Nss1,(MCS0)_4TX   | Pass   | 2.442G   | 10.03     | -19.97      | 2.11011G  | -54.92      | 2.39978G  | -28.08      | 2.4G      | -29.33      | 2.484G    | -51.82      | 16.58817G | -42.67      | 3    |
| 802.11n HT40_Nss1,(MCS0)_4TX   | Pass   | 2.4195G  | 2.68      | -27.32      | 2.03919G  | -55.13      | 2.3998G   | -40.11      | 2.4G      | -38.59      | 2.48374G  | -50.69      | 15.20927G | -42.90      | 3    |
| VHT20_Nss1,(MCS0)_4TX          | Pass   | 2.44075G | 9.25      | -20.75      | 1.84303G  | -54.29      | 2.39986G  | -26.62      | 2.4G      | -31.61      | 2.48492G  | -52.05      | 23.2946G  | -42.00      | 4    |
| VHT40_Nss1,(MCS0)_4TX          | Pass   | 2.42572G | 2.34      | -27.66      | 1.99053G  | -54.43      | 2.39984G  | -39.19      | 2.4G      | -39.58      | 2.48578G  | -50.79      | 24.85697G | -42.58      | 2    |
| 802.11ax HEW20_Nss1,(MCS0)_4TX | Pass   | 2.43202G | 9.25      | -20.75      | 2.01429G  | -54.82      | 2.3989G   | -27.12      | 2.4G      | -29.41      | 2.51942G  | -51.96      | 24.91852G | -42.43      | 2    |
| 802.11ax HEW40_Nss1,(MCS0)_4TX | Pass   | 2.41695G | 1.91      | -28.09      | 2.11447G  | -55.00      | 2.39964G  | -35.78      | 2.4G      | -37.30      | 2.48934G  | -49.69      | 23.3397G  | -42.00      | 2    |



Result

| Mode                         | Result | Ref (Hz) | Ref (dBm) | Limit (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Port |
|------------------------------|--------|----------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|------|
| 802.11b_Nss1,(1Mbps)_4TX     | -      | -        | -         | -           | -         | -           | -         | -           | -         | -           | -         | -           | -         | -           | -    |
| 2412MHz                      | Pass   | 2.41148G | 12.52     | -17.48      | 2.10923G  | -54.57      | 2.39952G  | -30.58      | 2.4G      | -37.08      | 2.50976G  | -52.55      | 24.03913G | -41.82      | 1    |
| 2412MHz                      | Pass   | 2.41148G | 12.52     | -17.48      | 1.90798G  | -55.01      | 2.3995G   | -27.96      | 2.4G      | -35.42      | 2.48638G  | -52.00      | 24.80895G | -41.76      | 2    |
| 2412MHz                      | Pass   | 2.41148G | 12.52     | -17.48      | 2.13341G  | -54.62      | 2.39852G  | -26.85      | 2.4G      | -34.35      | 2.49118G  | -52.49      | 24.71342G | -42.38      | 3    |
| 2412MHz                      | Pass   | 2.41148G | 12.52     | -17.48      | 1.98079G  | -54.49      | 2.3985G   | -28.75      | 2.4G      | -36.53      | 2.48398G  | -51.51      | 24.6769G  | -42.19      | 4    |
| 2437MHz                      | Pass   | 2.41148G | 12.52     | -17.48      | 2.08797G  | -54.63      | 2.39872G  | -53.14      | 2.4G      | -54.22      | 2.49098G  | -52.41      | 24.68814G | -41.50      | 1    |
| 2437MHz                      | Pass   | 2.41148G | 12.52     | -17.48      | 768.9M    | -55.46      | 2.39684G  | -52.36      | 2.4G      | -54.70      | 2.50998G  | -51.51      | 24.57857G | -42.62      | 2    |
| 2437MHz                      | Pass   | 2.41148G | 12.52     | -17.48      | 2.16224G  | -54.33      | 2.39804G  | -53.00      | 2.4835G   | -54.70      | 2.50656G  | -51.67      | 15.14405G | -41.45      | 3    |
| 2437MHz                      | Pass   | 2.41148G | 12.52     | -17.48      | 2.09846G  | -54.65      | 2.39704G  | -52.97      | 2.4835G   | -55.39      | 2.50768G  | -52.42      | 15.23677G | -42.77      | 4    |
| 2462MHz                      | Pass   | 2.41148G | 12.52     | -17.48      | 2.30466G  | -53.65      | 2.39578G  | -53.36      | 2.4835G   | -48.54      | 2.4835G   | -47.83      | 24.00822G | -42.34      | 1    |
| 2462MHz                      | Pass   | 2.41148G | 12.52     | -17.48      | 2.11215G  | -55.14      | 2.39686G  | -53.22      | 2.4835G   | -49.81      | 2.48352G  | -49.90      | 16.3044G  | -42.43      | 2    |
| 2462MHz                      | Pass   | 2.41148G | 12.52     | -17.48      | 2.12817G  | -53.89      | 2.39914G  | -52.80      | 2.4835G   | -44.10      | 2.4835G   | -44.00      | 24.73028G | -41.47      | 3    |
| 2462MHz                      | Pass   | 2.41148G | 12.52     | -17.48      | 680.65M   | -54.78      | 2.4G      | -53.27      | 2.4835G   | -43.32      | 2.4835G   | -45.03      | 15.23115G | -42.08      | 4    |
| 802.11g_Nss1,(6Mbps)_4TX     | -      | -        | -         | -           | -         | -           | -         | -           | -         | -           | -         | -           | -         | -           | -    |
| 2412MHz                      | Pass   | 2.442G   | 10.21     | -19.79      | 2.11652G  | -54.92      | 2.39976G  | -29.48      | 2.4G      | -31.29      | 2.50862G  | -52.23      | 23.31426G | -42.10      | 1    |
| 2412MHz                      | Pass   | 2.442G   | 10.21     | -19.79      | 2.12962G  | -54.30      | 2.39984G  | -29.04      | 2.4G      | -30.20      | 2.48512G  | -51.74      | 23.36203G | -42.62      | 2    |
| 2412MHz                      | Pass   | 2.442G   | 10.21     | -19.79      | 1.8739G   | -55.06      | 2.39994G  | -28.06      | 2.4G      | -27.50      | 2.48884G  | -52.02      | 15.32106G | -41.25      | 3    |
| 2412MHz                      | Pass   | 2.442G   | 10.21     | -19.79      | 2.08593G  | -55.26      | 2.4G      | -29.13      | 2.4G      | -29.22      | 2.48802G  | -51.69      | 24.9719G  | -42.64      | 4    |
| 2437MHz                      | Pass   | 2.442G   | 10.21     | -19.79      | 1.81769G  | -55.07      | 2.39978G  | -39.56      | 2.4G      | -43.61      | 2.48446G  | -42.75      | 15.24239G | -42.39      | 1    |
| 2437MHz                      | Pass   | 2.442G   | 10.21     | -19.79      | 2.30495G  | -55.03      | 2.39886G  | -39.98      | 2.4G      | -44.19      | 2.48386G  | -42.75      | 24.72185G | -42.33      | 2    |
| 2437MHz                      | Pass   | 2.442G   | 10.21     | -19.79      | 1.98633G  | -54.11      | 2.39986G  | -36.74      | 2.4G      | -41.15      | 2.48386G  | -39.16      | 16.32407G | -41.42      | 3    |
| 2437MHz                      | Pass   | 2.442G   | 10.21     | -19.79      | 2.12409G  | -54.47      | 2.39888G  | -39.75      | 2.4G      | -42.65      | 2.48386G  | -42.94      | 21.97972G | -42.70      | 4    |
| 2462MHz                      | Pass   | 2.442G   | 10.21     | -19.79      | 2.1203G   | -54.73      | 2.39942G  | -52.51      | 2.4835G   | -45.88      | 2.48352G  | -43.69      | 15.21429G | -41.31      | 1    |
| 2462MHz                      | Pass   | 2.442G   | 10.21     | -19.79      | 1.87711G  | -55.08      | 2.39514G  | -52.39      | 2.4835G   | -45.80      | 2.4845G   | -44.55      | 15.27329G | -41.69      | 2    |
| 2462MHz                      | Pass   | 2.442G   | 10.21     | -19.79      | 1.92691G  | -53.88      | 2.39662G  | -52.53      | 2.4835G   | -44.27      | 2.4835G   | -44.25      | 15.21991G | -42.62      | 3    |
| 2462MHz                      | Pass   | 2.442G   | 10.21     | -19.79      | 2.13807G  | -52.89      | 2.39652G  | -52.40      | 2.4835G   | -46.14      | 2.48362G  | -44.87      | 15.20306G | -42.37      | 4    |
| 802.11n HT20_Nss1,(MCS0)_4TX | -      | -        | -         | -           | -         | -           | -         | -           | -         | -           | -         | -           | -         | -           | -    |
| 2412MHz                      | Pass   | 2.442G   | 10.03     | -19.97      | 1.89837G  | -54.21      | 2.39986G  | -29.62      | 2.4G      | -32.88      | 2.4917G   | -51.44      | 24.39594G | -42.14      | 1    |
| 2412MHz                      | Pass   | 2.442G   | 10.03     | -19.97      | 2.03031G  | -55.00      | 2.39918G  | -30.50      | 2.4G      | -30.36      | 2.48414G  | -51.30      | 15.25363G | -40.75      | 2    |
| 2412MHz                      | Pass   | 2.442G   | 10.03     | -19.97      | 2.11011G  | -54.92      | 2.39978G  | -28.08      | 2.4G      | -29.33      | 2.484G    | -51.82      | 16.58817G | -42.67      | 3    |
| 2412MHz                      | Pass   | 2.442G   | 10.03     | -19.97      | 1.9639G   | -54.94      | 2.39972G  | -30.01      | 2.4G      | -31.00      | 2.48708G  | -51.72      | 14.95862G | -41.23      | 4    |
| 2437MHz                      | Pass   | 2.442G   | 10.03     | -19.97      | 1.91963G  | -54.84      | 2.39828G  | -37.99      | 2.4G      | -42.46      | 2.48362G  | -42.33      | 15.2171G  | -42.04      | 1    |
| 2437MHz                      | Pass   | 2.442G   | 10.03     | -19.97      | 2.19777G  | -53.60      | 2.39824G  | -37.40      | 2.4G      | -43.45      | 2.48352G  | -43.55      | 24.71904G | -42.46      | 2    |
| 2437MHz                      | Pass   | 2.442G   | 10.03     | -19.97      | 1.95895G  | -53.89      | 2.39978G  | -36.78      | 2.4G      | -38.36      | 2.48356G  | -40.42      | 15.20867G | -42.12      | 3    |
| 2437MHz                      | Pass   | 2.442G   | 10.03     | -19.97      | 1.98545G  | -54.98      | 2.39856G  | -40.14      | 2.4G      | -42.35      | 2.48638G  | -43.39      | 14.92772G | -41.97      | 4    |
| 2462MHz                      | Pass   | 2.442G   | 10.03     | -19.97      | 2.07487G  | -54.57      | 2.39568G  | -52.91      | 2.4835G   | -47.49      | 2.48508G  | -46.14      | 15.27891G | -42.45      | 1    |
| 2462MHz                      | Pass   | 2.442G   | 10.03     | -19.97      | 2.13574G  | -54.47      | 2.39104G  | -53.00      | 2.4835G   | -46.03      | 2.48362G  | -45.63      | 24.72747G | -42.17      | 2    |
| 2462MHz                      | Pass   | 2.442G   | 10.03     | -19.97      | 2.30321G  | -54.58      | 2.39884G  | -53.13      | 2.4835G   | -47.69      | 2.4838G   | -43.77      | 24.32851G | -42.39      | 3    |
| 2462MHz                      | Pass   | 2.442G   | 10.03     | -19.97      | 751.43M   | -55.29      | 2.3936G   | -51.85      | 2.4835G   | -44.43      | 2.48454G  | -43.65      | 15.15248G | -42.19      | 4    |
| 802.11n HT40_Nss1,(MCS0)_4TX | -      | -        | -         | -           | -         | -           | -         | -           | -         | -           | -         | -           | -         | -           | -    |
| 2422MHz                      | Pass   | 2.4195G  | 2.68      | -27.32      | 1.94587G  | -55.04      | 2.3998G   | -38.96      | 2.4G      | -41.49      | 2.48398G  | -51.56      | 24.8177G  | -42.07      | 1    |
| 2422MHz                      | Pass   | 2.4195G  | 2.68      | -27.32      | 2.02144G  | -55.01      | 2.4G      | -38.76      | 2.4G      | -38.72      | 2.4845G   | -51.59      | 24.87379G | -41.97      | 2    |
| 2422MHz                      | Pass   | 2.4195G  | 2.68      | -27.32      | 2.03919G  | -55.13      | 2.3998G   | -40.11      | 2.4G      | -38.59      | 2.48374G  | -50.69      | 15.20927G | -42.90      | 3    |
| 2422MHz                      | Pass   | 2.4195G  | 2.68      | -27.32      | 2.30054G  | -53.46      | 2.39988G  | -39.55      | 2.4G      | -39.83      | 2.48674G  | -51.05      | 15.2289G  | -42.43      | 4    |
| 2437MHz                      | Pass   | 2.4195G  | 2.68      | -27.32      | 2.12277G  | -54.61      | 2.3964G   | -51.14      | 2.4G      | -50.14      | 2.48446G  | -51.57      | 24.78685G | -42.05      | 1    |
| 2437MHz                      | Pass   | 2.4195G  | 2.68      | -27.32      | 1.92354G  | -54.21      | 2.39796G  | -49.40      | 2.4G      | -52.25      | 2.4857G   | -50.70      | 24.80649G | -42.32      | 2    |
| 2437MHz                      | Pass   | 2.4195G  | 2.68      | -27.32      | 1.80017G  | -54.43      | 2.39916G  | -46.81      | 2.4G      | -51.08      | 2.48558G  | -51.72      | 24.89343G | -42.78      | 3    |
| 2437MHz                      | Pass   | 2.4195G  | 2.68      | -27.32      | 2.12592G  | -54.71      | 2.39716G  | -49.96      | 2.4G      | -51.83      | 2.4851G   | -51.40      | 15.2289G  | -40.52      | 4    |
| 2452MHz                      | Pass   | 2.4195G  | 2.68      | -27.32      | 2.1889G   | -54.79      | 2.39628G  | -53.79      | 2.4835G   | -49.86      | 2.48386G  | -49.27      | 24.22314G | -41.94      | 1    |
| 2452MHz                      | Pass   | 2.4195G  | 2.68      | -27.32      | 2.1265G   | -54.78      | 2.39472G  | -53.51      | 2.4835G   | -50.35      | 2.48634G  | -49.28      | 23.29202G | -41.81      | 2    |
| 2452MHz                      | Pass   | 2.4195G  | 2.68      | -27.32      | 1.96677G  | -55.19      | 2.39344G  | -53.53      | 2.4835G   | -51.20      | 2.48854G  | -47.30      | 23.32007G | -42.79      | 3    |
| 2452MHz                      | Pass   | 2.4195G  | 2.68      | -27.32      | 2.13394G  | -55.41      | 2.39964G  | -51.91      | 2.4835G   | -45.53      | 2.4841G   | -45.03      | 15.23732G | -42.22      | 4    |
| VHT20_Nss1,(MCS0)_4TX        | -      | -        | -         | -           | -         | -           | -         | -           | -         | -           | -         | -           | -         | -           | -    |
| 2412MHz                      | Pass   | 2.44075G | 9.25      | -20.75      | 1.98312G  | -54.67      | 2.39926G  | -28.79      | 2.4G      | -33.82      | 2.48946G  | -51.38      | 24.90167G | -42.55      | 1    |
| 2412MHz                      | Pass   | 2.44075G | 9.25      | -20.75      | 2.02128G  | -54.77      | 2.39924G  | -30.39      | 2.4G      | -30.58      | 2.48634G  | -52.16      | 23.39293G | -42.37      | 2    |
| 2412MHz                      | Pass   | 2.44075G | 9.25      | -20.75      | 1.9572G   | -54.12      | 2.39986G  | -27.94      | 2.4G      | -28.04      | 2.48482G  | -52.21      | 15.24801G | -42.17      | 3    |
| 2412MHz                      | Pass   | 2.44075G | 9.25      | -20.75      | 1.84303G  | -54.29      | 2.39986G  | -26.62      | 2.4G      | -31.61      | 2.48492G  | -52.05      | 23.2946G  | -42.00      | 4    |
| 2437MHz                      | Pass   | 2.44075G | 9.25      | -20.75      | 2.16282G  | -54.25      | 2.39988G  | -37.91      | 2.4G      | -41.26      | 2.4842G   | -41.58      | 24.77804G | -40.98      | 1    |
| 2437MHz                      | Pass   | 2.44075G | 9.25      | -20.75      | 1.98371G  | -54.02      | 2.39982G  | -37.32      | 2.4G      | -39.60      | 2.4845G   | -42.76      | 24.68533G | -42.31      | 2    |
| 2437MHz                      | Pass   | 2.44075G | 9.25      | -20.75      | 905.5M    | -54.33      | 2.39892G  | -38.21      | 2.4G      | -39.17      | 2.48416G  | -41.01      | 15.23677G | -42.51      | 3    |
| 2437MHz                      | Pass   | 2.44075G | 9.25      | -20.75      | 872.88M   | -54.46      | 2.39988G  | -38.79      | 2.4G      | -41.23      | 2.48452G  | -42.22      | 15.23677G | -42.46      | 4    |

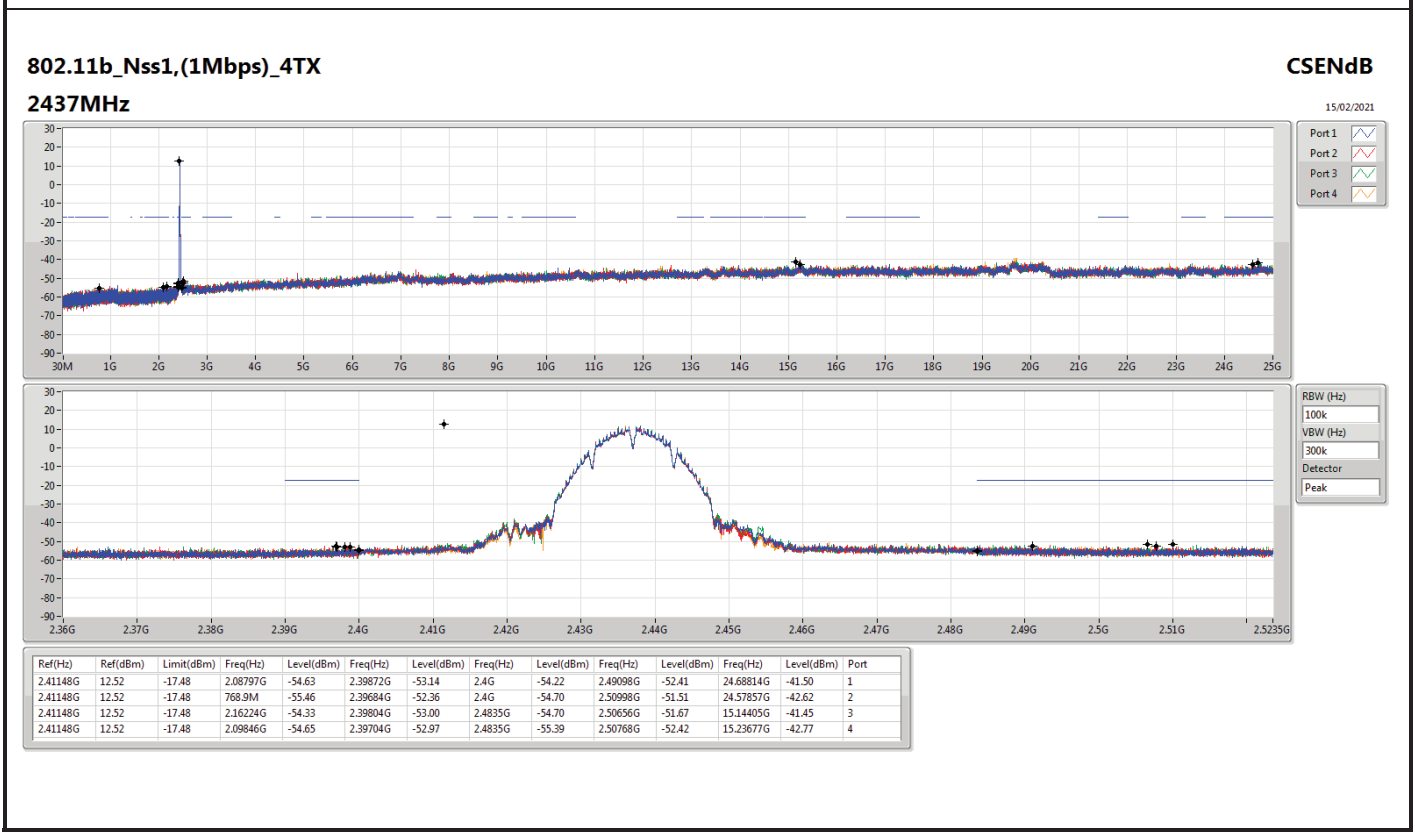
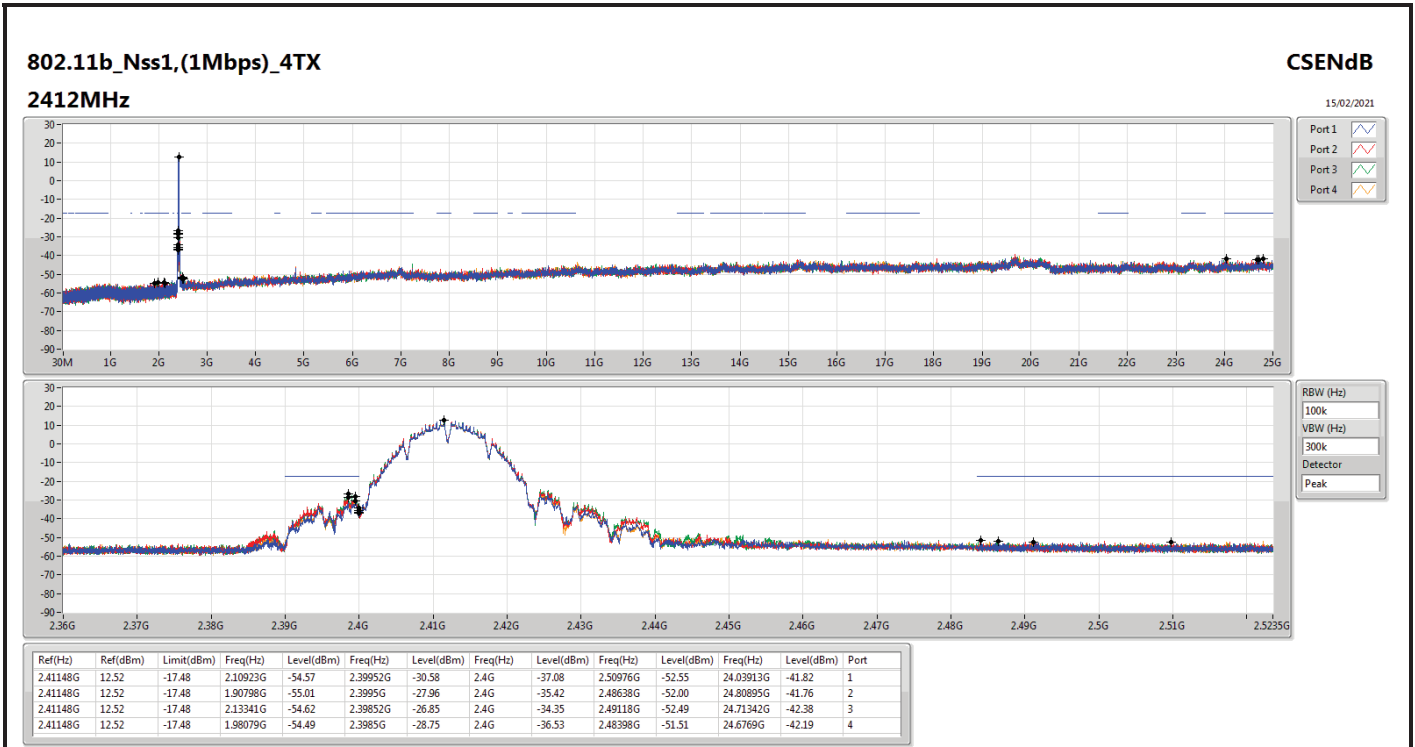


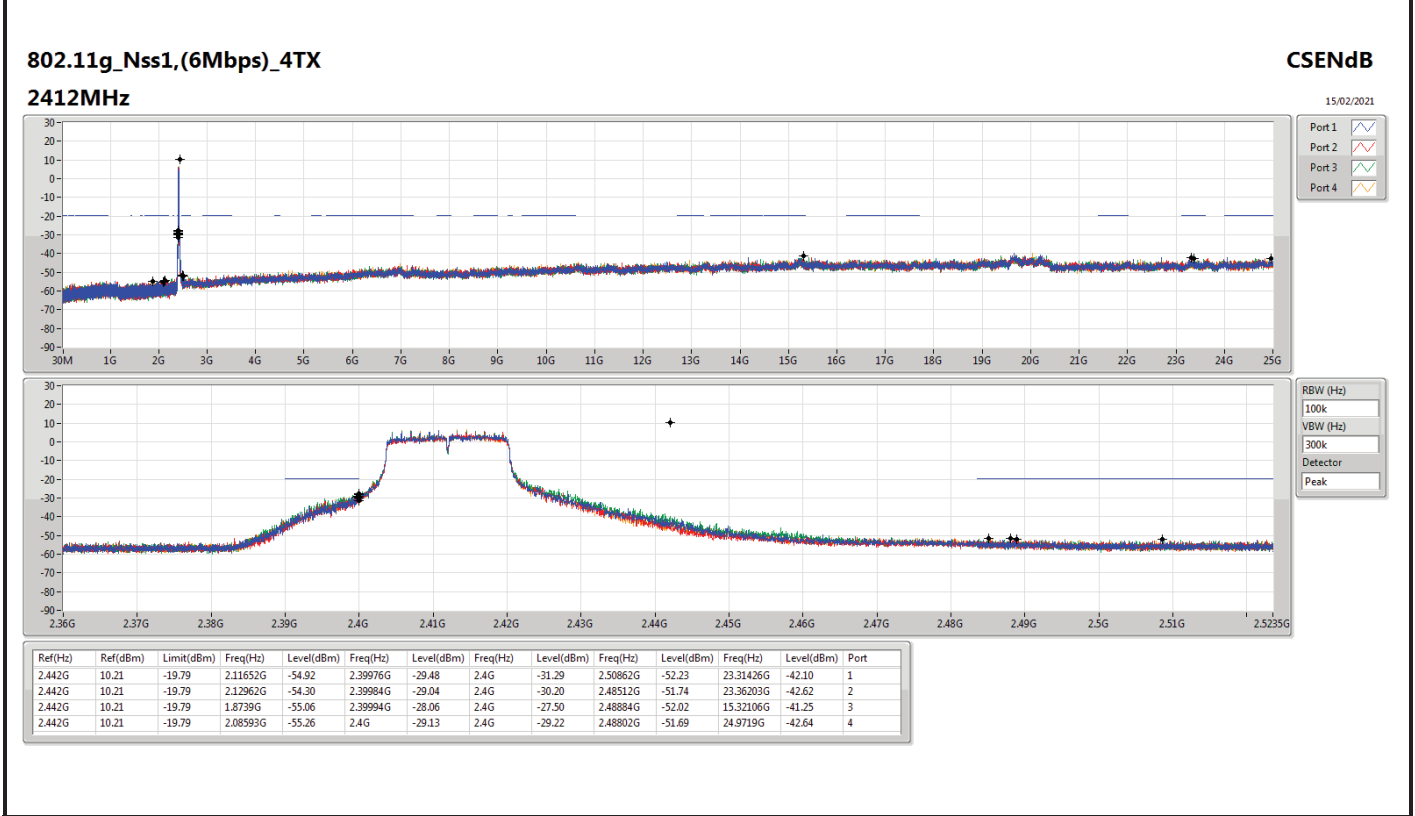
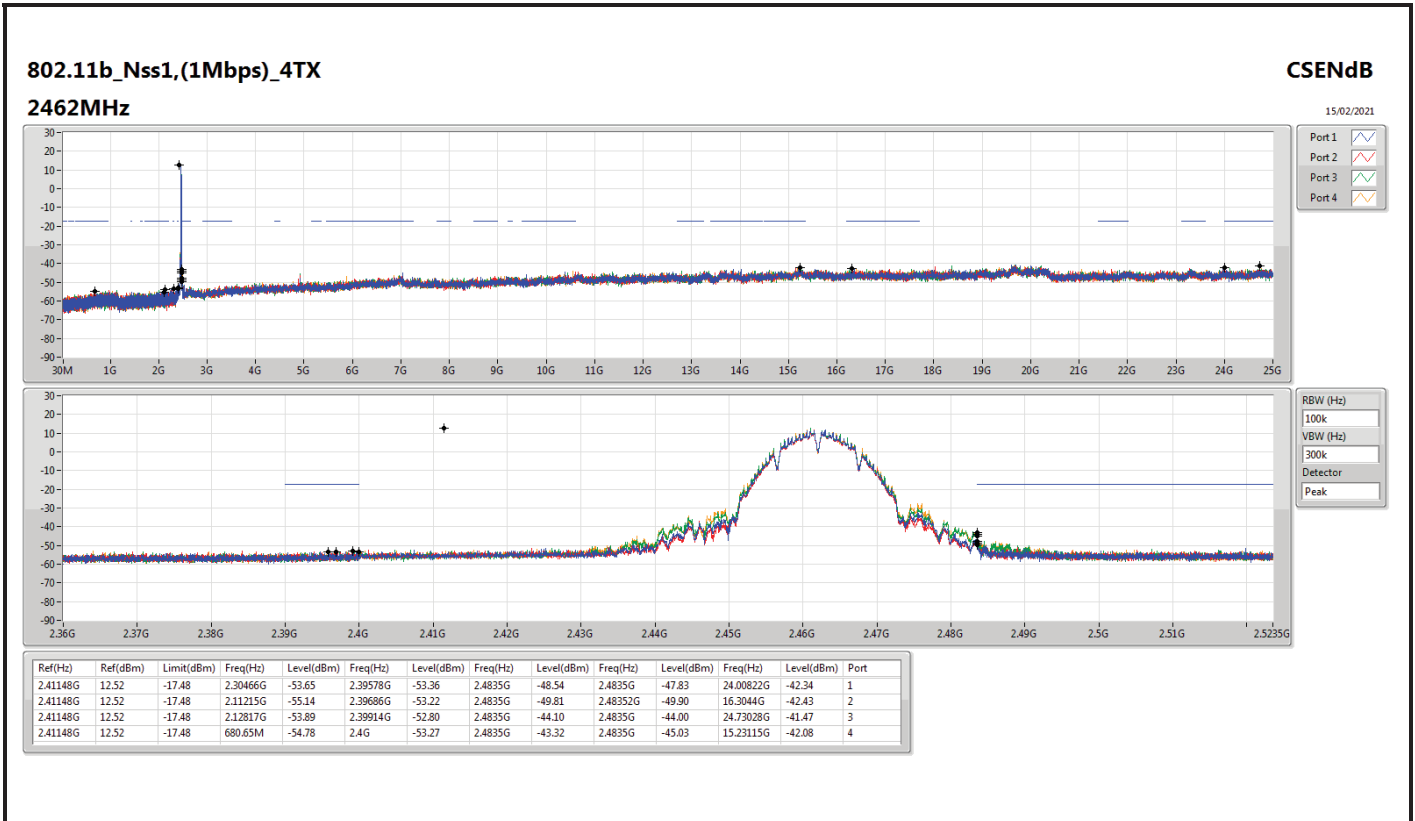
CSE (Non-restricted Band)\_Non-Beamforming\_Radio2

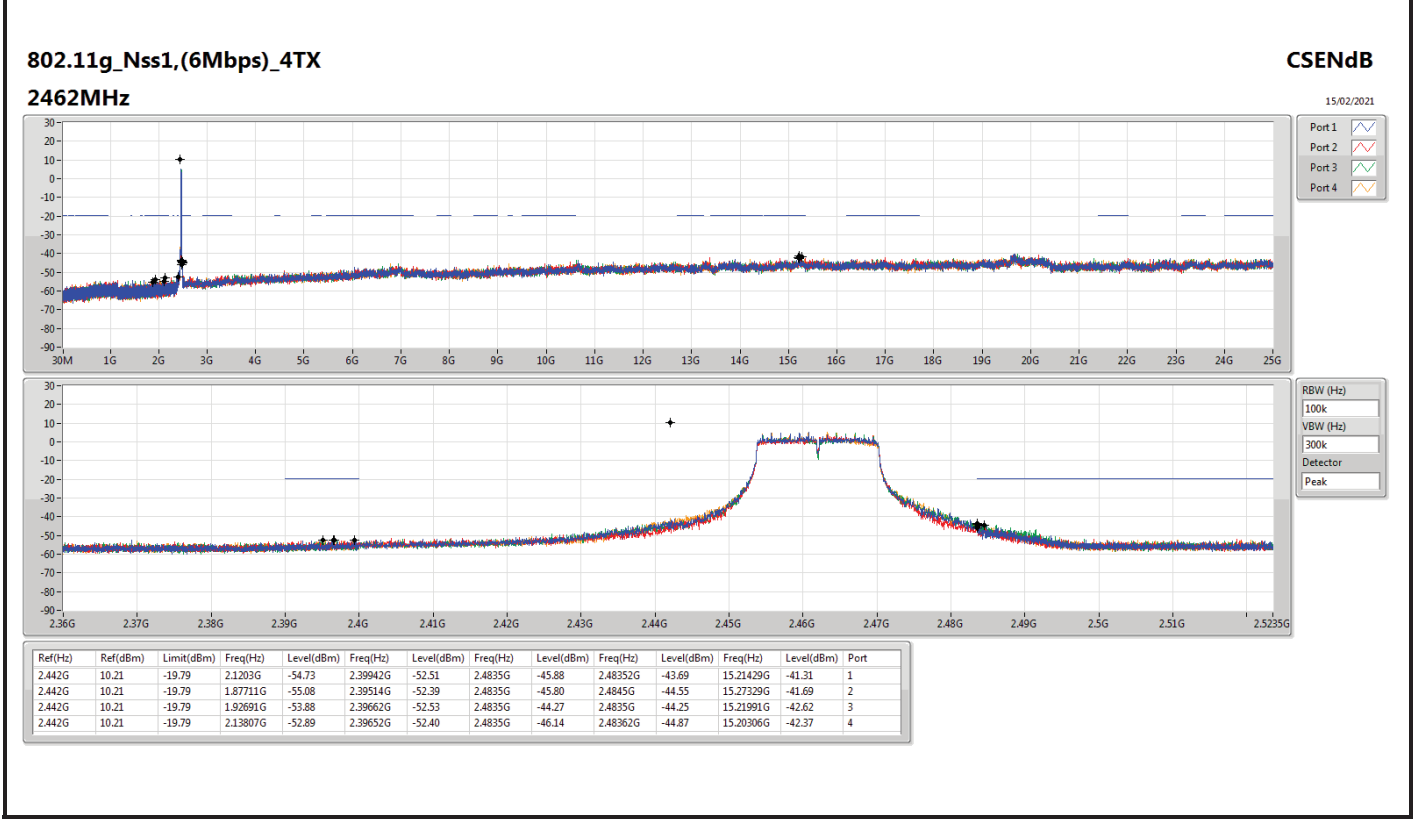
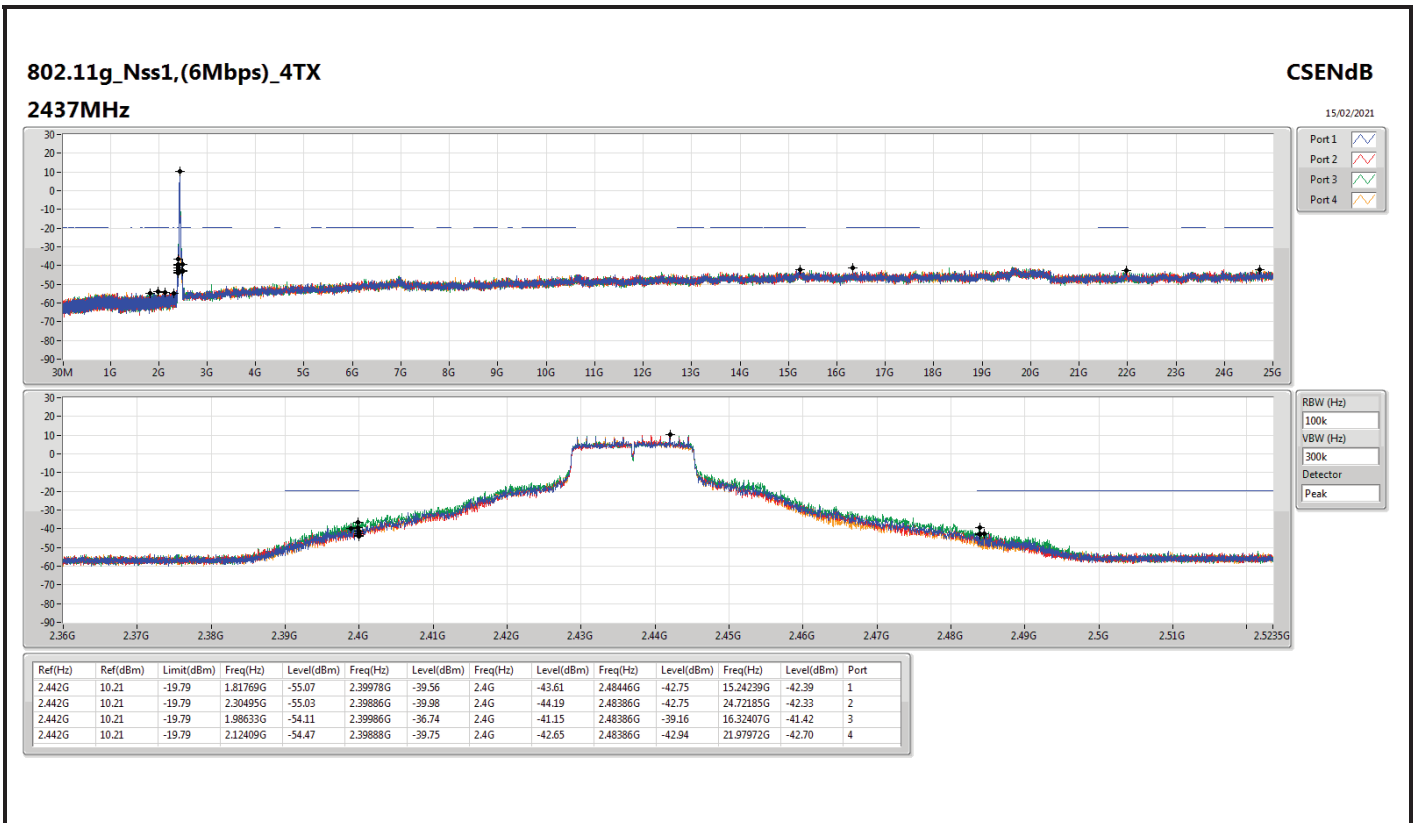
Appendix E.1

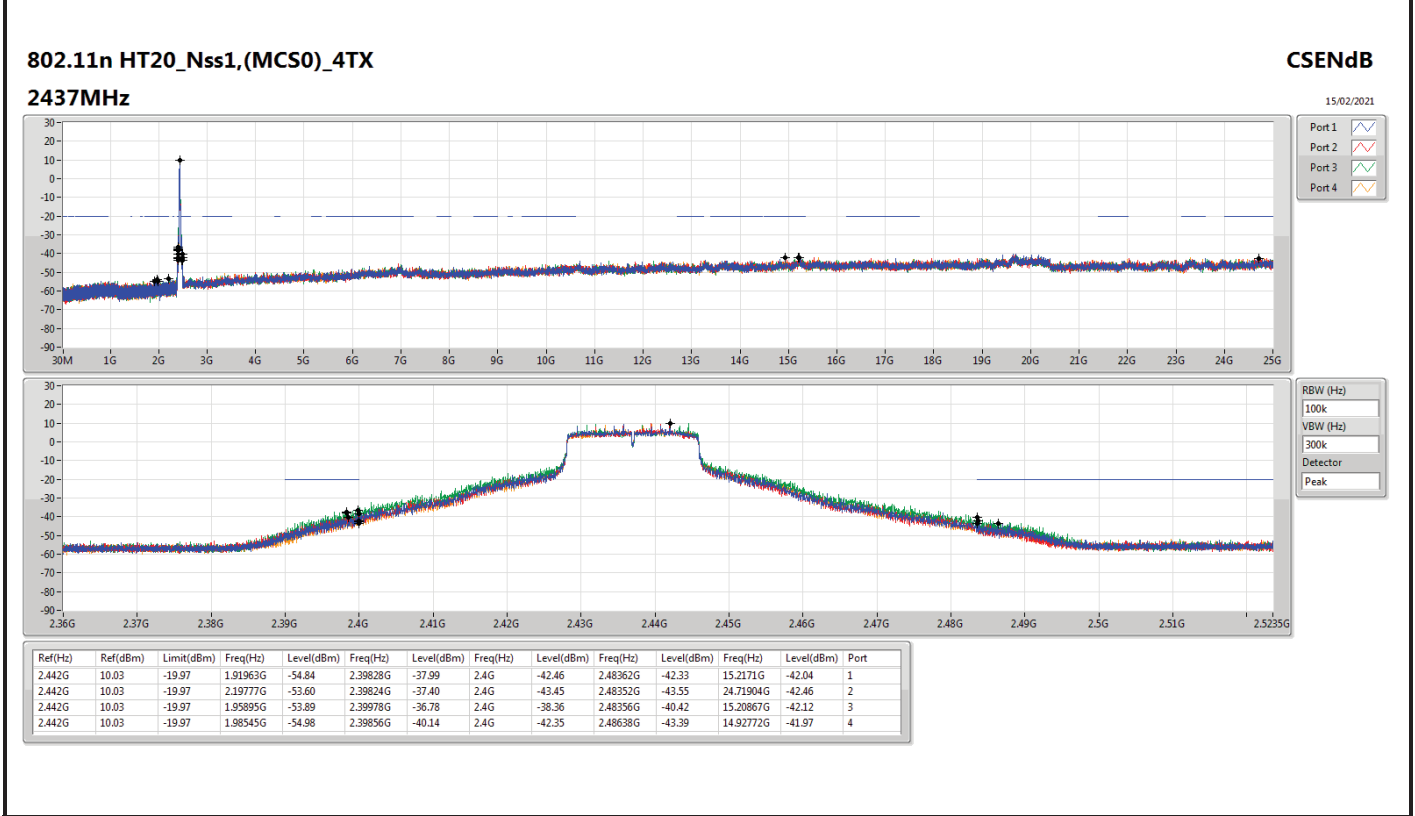
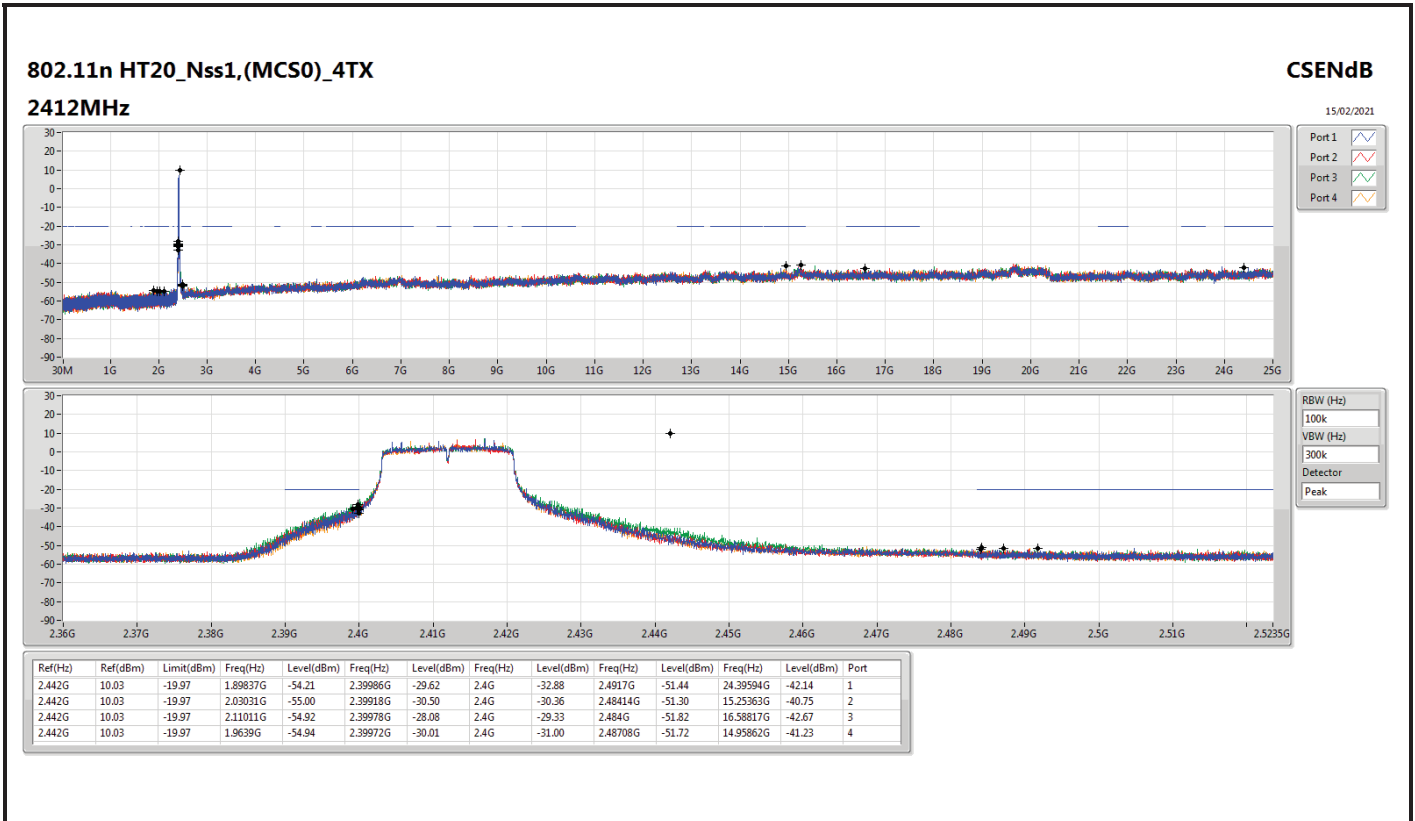
| Mode                           | Result | Ref (Hz) | Ref (dBm) | Limit (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Port |
|--------------------------------|--------|----------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|------|
| 2462MHz                        | Pass   | 2.44075G | 9.25      | -20.75      | 2.1072G   | -53.62      | 2.39598G  | -52.72      | 2.4835G   | -45.37      | 2.4835G   | -44.61      | 23.54465G | -42.34      | 1    |
| 2462MHz                        | Pass   | 2.44075G | 9.25      | -20.75      | 2.30845G  | -54.80      | 2.39624G  | -52.84      | 2.4835G   | -44.98      | 2.48378G  | -44.54      | 15.23958G | -41.52      | 2    |
| 2462MHz                        | Pass   | 2.44075G | 9.25      | -20.75      | 1.92662G  | -54.29      | 2.39388G  | -53.30      | 2.4835G   | -46.10      | 2.48386G  | -44.10      | 24.66566G | -42.58      | 3    |
| 2462MHz                        | Pass   | 2.44075G | 9.25      | -20.75      | 1.98196G  | -54.39      | 2.39854G  | -52.30      | 2.4835G   | -42.01      | 2.48484G  | -44.19      | 23.30302G | -42.00      | 4    |
| VHT40_Nss1,(MCSO)_4TX          | -      | -        | -         | -           | -         | -           | -         | -           | -         | -           | -         | -           | -         | -           | -    |
| 2422MHz                        | Pass   | 2.42572G | 2.34      | -27.66      | 2.30712G  | -54.64      | 2.39988G  | -40.40      | 2.4G      | -41.08      | 2.48646G  | -51.91      | 24.8177G  | -42.19      | 1    |
| 2422MHz                        | Pass   | 2.42572G | 2.34      | -27.66      | 1.99053G  | -54.43      | 2.39984G  | -39.19      | 2.4G      | -39.58      | 2.48578G  | -50.79      | 24.85697G | -42.58      | 2    |
| 2422MHz                        | Pass   | 2.42572G | 2.34      | -27.66      | 2.13566G  | -54.96      | 2.39984G  | -39.76      | 2.4G      | -40.00      | 2.4865G   | -51.09      | 15.18123G | -41.72      | 3    |
| 2422MHz                        | Pass   | 2.42572G | 2.34      | -27.66      | 2.30941G  | -54.65      | 2.39988G  | -39.90      | 2.4G      | -40.67      | 2.48434G  | -51.05      | 16.37597G | -41.46      | 4    |
| 2437MHz                        | Pass   | 2.42572G | 2.34      | -27.66      | 1.65275G  | -55.17      | 2.397G    | -50.47      | 2.4G      | -52.82      | 2.4861G   | -52.06      | 24.70833G | -42.60      | 1    |
| 2437MHz                        | Pass   | 2.42572G | 2.34      | -27.66      | 2.07783G  | -54.21      | 2.3998G   | -49.59      | 2.4G      | -52.22      | 2.48562G  | -50.40      | 15.2289G  | -42.50      | 2    |
| 2437MHz                        | Pass   | 2.42572G | 2.34      | -27.66      | 2.30884G  | -55.03      | 2.39996G  | -49.51      | 2.4G      | -50.62      | 2.48382G  | -50.57      | 23.29202G | -42.15      | 3    |
| 2437MHz                        | Pass   | 2.42572G | 2.34      | -27.66      | 2.15111G  | -54.39      | 2.39952G  | -48.13      | 2.4G      | -51.33      | 2.48506G  | -51.28      | 23.29483G | -41.35      | 4    |
| 2452MHz                        | Pass   | 2.42572G | 2.34      | -27.66      | 854.97M   | -54.51      | 2.39888G  | -53.18      | 2.4835G   | -50.00      | 2.48574G  | -47.98      | 16.91725G | -42.33      | 1    |
| 2452MHz                        | Pass   | 2.42572G | 2.34      | -27.66      | 2.30283G  | -54.49      | 2.39552G  | -53.52      | 2.4835G   | -49.31      | 2.48486G  | -48.45      | 15.25134G | -41.36      | 2    |
| 2452MHz                        | Pass   | 2.42572G | 2.34      | -27.66      | 2.16915G  | -54.70      | 2.39272G  | -53.06      | 2.4835G   | -48.74      | 2.48382G  | -47.30      | 15.18123G | -42.27      | 3    |
| 2452MHz                        | Pass   | 2.42572G | 2.34      | -27.66      | 1.89005G  | -53.93      | 2.39168G  | -52.41      | 2.4835G   | -47.13      | 2.48606G  | -46.22      | 24.02121G | -41.99      | 4    |
| 802.11ax HEW20_Nss1,(MCSO)_4TX | -      | -        | -         | -           | -         | -           | -         | -           | -         | -           | -         | -           | -         | -           | -    |
| 2412MHz                        | Pass   | 2.43202G | 9.25      | -20.75      | 721.72M   | -51.62      | 2.3991G   | -29.09      | 2.4G      | -30.41      | 2.48866G  | -51.71      | 15.21991G | -41.64      | 1    |
| 2412MHz                        | Pass   | 2.43202G | 9.25      | -20.75      | 2.01429G  | -54.82      | 2.3989G   | -27.12      | 2.4G      | -29.41      | 2.51942G  | -51.96      | 24.91852G | -42.43      | 2    |
| 2412MHz                        | Pass   | 2.43202G | 9.25      | -20.75      | 2.07458G  | -54.41      | 2.39846G  | -27.43      | 2.4G      | -28.65      | 2.4802G   | -51.85      | 15.22272G | -41.63      | 3    |
| 2412MHz                        | Pass   | 2.43202G | 9.25      | -20.75      | 2.157G    | -55.02      | 2.39962G  | -27.14      | 2.4G      | -28.69      | 2.50062G  | -52.15      | 15.18058G | -41.67      | 4    |
| 2437MHz                        | Pass   | 2.43202G | 9.25      | -20.75      | 1.93215G  | -54.14      | 2.39898G  | -36.63      | 2.4G      | -38.70      | 2.48428G  | -41.38      | 24.72466G | -42.05      | 1    |
| 2437MHz                        | Pass   | 2.43202G | 9.25      | -20.75      | 2.18263G  | -55.03      | 2.3997G   | -35.21      | 2.4G      | -39.01      | 2.48364G  | -42.44      | 15.22834G | -42.07      | 2    |
| 2437MHz                        | Pass   | 2.43202G | 9.25      | -20.75      | 1.93041G  | -54.62      | 2.39998G  | -31.53      | 2.4G      | -34.82      | 2.48358G  | -37.35      | 15.21148G | -42.05      | 3    |
| 2437MHz                        | Pass   | 2.43202G | 9.25      | -20.75      | 1.82672G  | -55.15      | 2.39988G  | -34.47      | 2.4G      | -39.11      | 2.48594G  | -40.01      | 15.2452G  | -42.32      | 4    |
| 2462MHz                        | Pass   | 2.43202G | 9.25      | -20.75      | 2.14244G  | -54.65      | 2.3997G   | -51.65      | 2.4835G   | -46.15      | 2.48468G  | -42.36      | 15.24801G | -41.87      | 1    |
| 2462MHz                        | Pass   | 2.43202G | 9.25      | -20.75      | 707.74M   | -54.63      | 2.3959G   | -51.74      | 2.4835G   | -45.75      | 2.48496G  | -41.85      | 15.25644G | -42.09      | 2    |
| 2462MHz                        | Pass   | 2.43202G | 9.25      | -20.75      | 2.13428G  | -55.02      | 2.3966G   | -53.51      | 2.4835G   | -42.47      | 2.48386G  | -40.97      | 15.25644G | -41.82      | 3    |
| 2462MHz                        | Pass   | 2.43202G | 9.25      | -20.75      | 2.30466G  | -55.09      | 2.39526G  | -53.02      | 2.4835G   | -40.53      | 2.4836G   | -40.85      | 16.38026G | -41.51      | 4    |
| 802.11ax HEW40_Nss1,(MCSO)_4TX | -      | -        | -         | -           | -         | -           | -         | -           | -         | -           | -         | -           | -         | -           | -    |
| 2422MHz                        | Pass   | 2.41695G | 1.91      | -28.09      | 1.94015G  | -54.34      | 2.39992G  | -40.84      | 2.4G      | -40.64      | 2.48498G  | -51.05      | 23.59772G | -41.38      | 1    |
| 2422MHz                        | Pass   | 2.41695G | 1.91      | -28.09      | 2.11447G  | -55.00      | 2.39964G  | -35.78      | 2.4G      | -37.30      | 2.48934G  | -49.69      | 23.3397G  | -42.00      | 2    |
| 2422MHz                        | Pass   | 2.41695G | 1.91      | -28.09      | 2.19949G  | -54.14      | 2.39904G  | -38.42      | 2.4G      | -40.60      | 2.48442G  | -50.21      | 15.20647G | -42.00      | 3    |
| 2422MHz                        | Pass   | 2.41695G | 1.91      | -28.09      | 2.15254G  | -55.22      | 2.39888G  | -39.09      | 2.4G      | -39.16      | 2.48962G  | -51.46      | 16.36756G | -42.12      | 4    |
| 2437MHz                        | Pass   | 2.41695G | 1.91      | -28.09      | 2.10646G  | -54.90      | 2.39944G  | -49.01      | 2.4835G   | -51.32      | 2.48422G  | -49.39      | 15.20086G | -42.16      | 1    |
| 2437MHz                        | Pass   | 2.41695G | 1.91      | -28.09      | 2.30826G  | -53.77      | 2.4G      | -46.13      | 2.4G      | -48.92      | 2.4835G   | -49.24      | 23.32848G | -41.52      | 2    |
| 2437MHz                        | Pass   | 2.41695G | 1.91      | -28.09      | 1.94673G  | -54.74      | 2.39772G  | -47.51      | 2.4G      | -50.05      | 2.48526G  | -49.66      | 15.27658G | -42.07      | 3    |
| 2437MHz                        | Pass   | 2.41695G | 1.91      | -28.09      | 1.99797G  | -54.76      | 2.3982G   | -46.89      | 2.4G      | -48.67      | 2.48394G  | -48.13      | 24.98317G | -42.79      | 4    |
| 2452MHz                        | Pass   | 2.41695G | 1.91      | -28.09      | 2.30826G  | -54.10      | 2.39796G  | -53.51      | 2.4835G   | -50.58      | 2.48386G  | -48.25      | 24.60175G | -42.13      | 1    |
| 2452MHz                        | Pass   | 2.41695G | 1.91      | -28.09      | 2.3054G   | -54.57      | 2.3934G   | -53.09      | 2.4835G   | -50.22      | 2.48722G  | -45.68      | 24.68589G | -42.14      | 2    |
| 2452MHz                        | Pass   | 2.41695G | 1.91      | -28.09      | 1.98079G  | -54.94      | 2.39804G  | -53.20      | 2.4835G   | -50.28      | 2.48422G  | -45.72      | 23.32848G | -41.70      | 3    |
| 2452MHz                        | Pass   | 2.41695G | 1.91      | -28.09      | 2.10417G  | -54.77      | 2.39772G  | -53.46      | 2.4835G   | -46.92      | 2.48622G  | -42.83      | 15.1644G  | -42.49      | 4    |

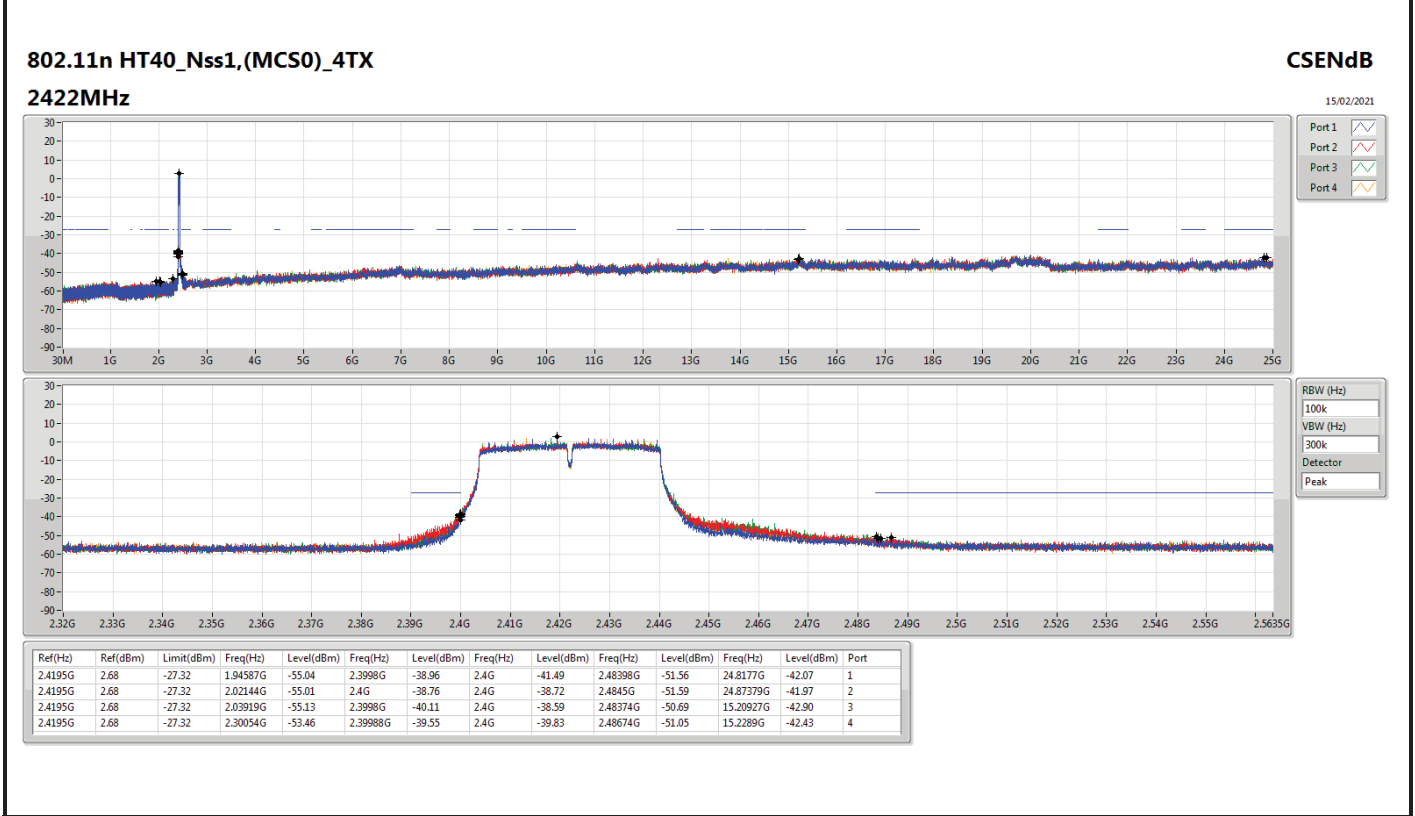
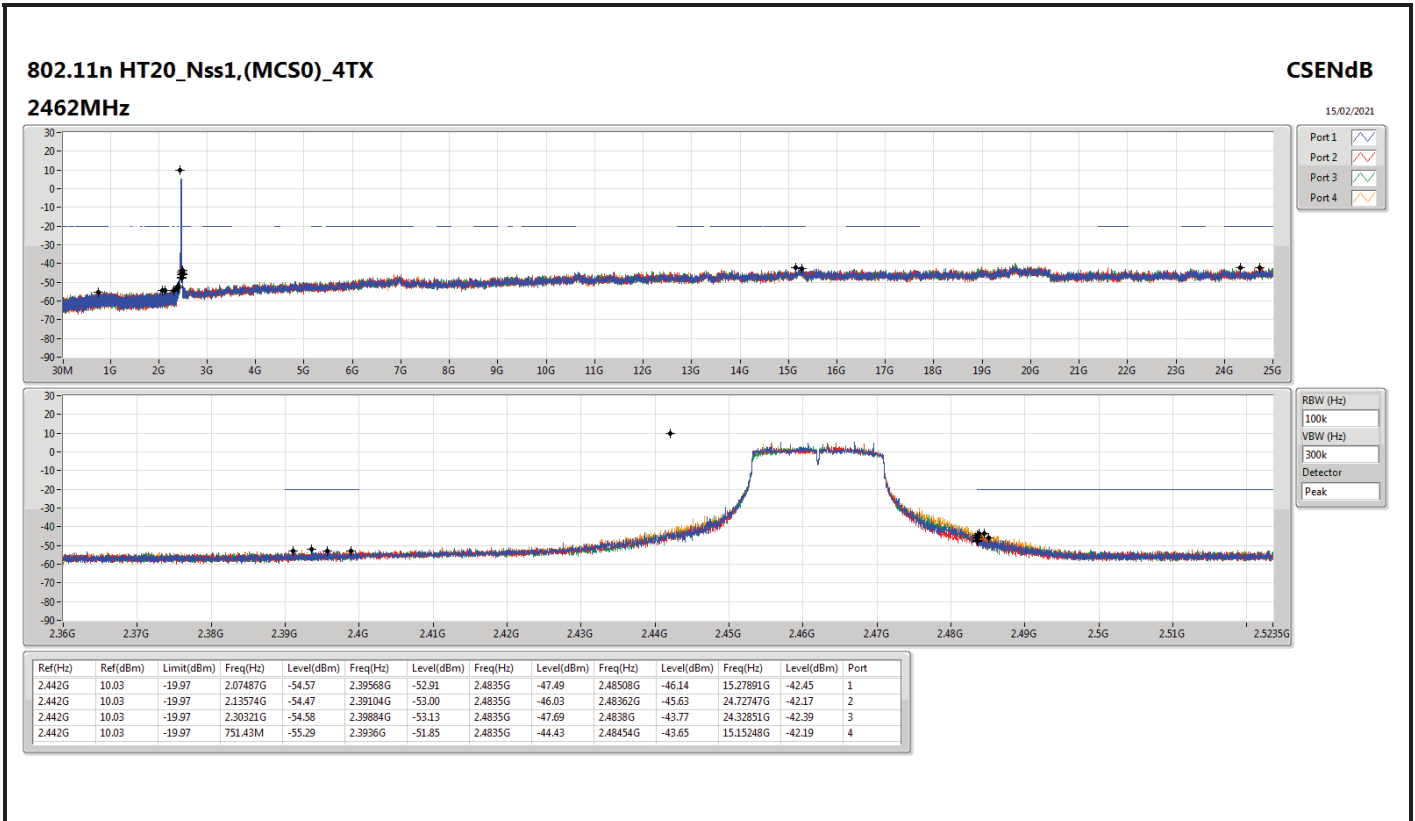


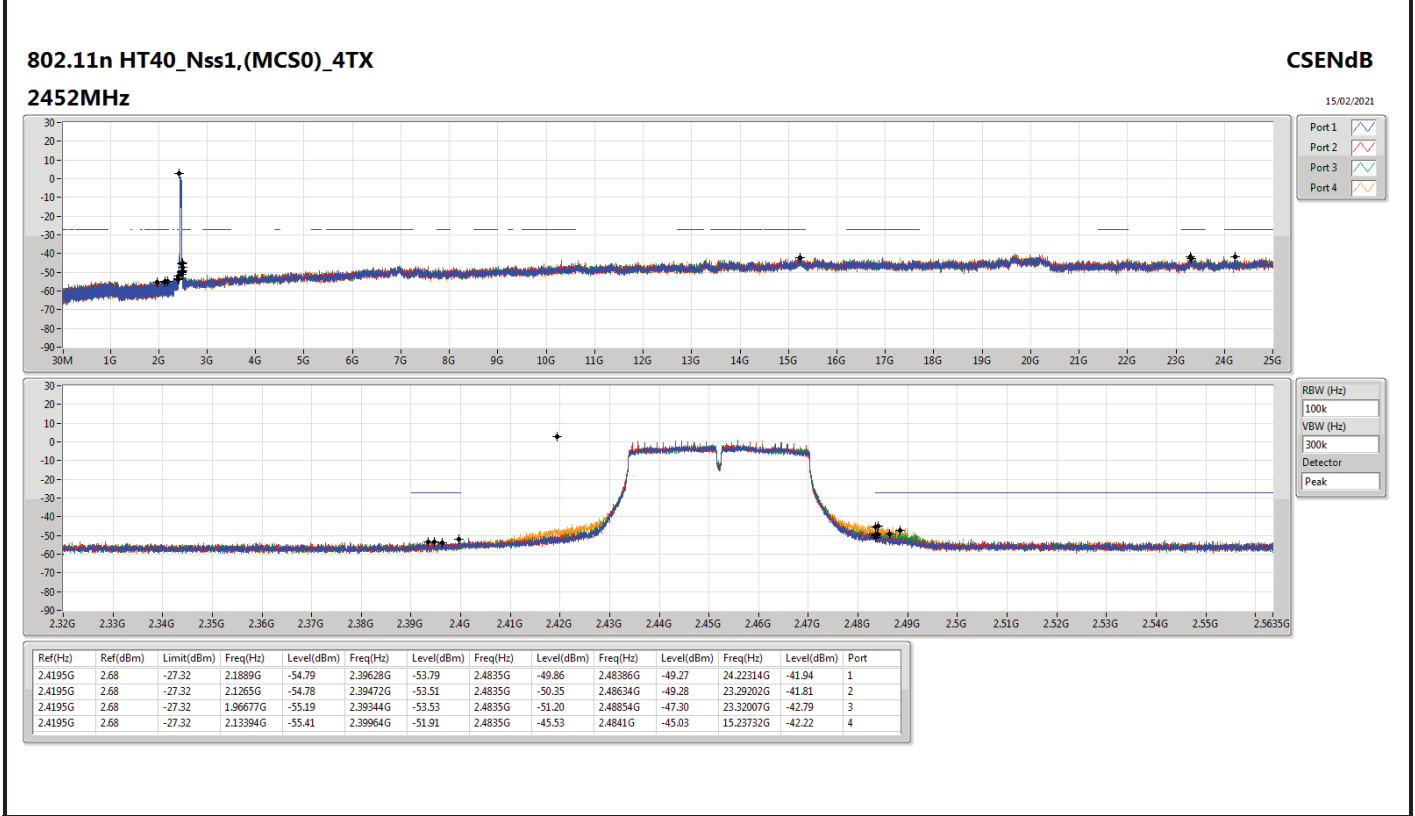
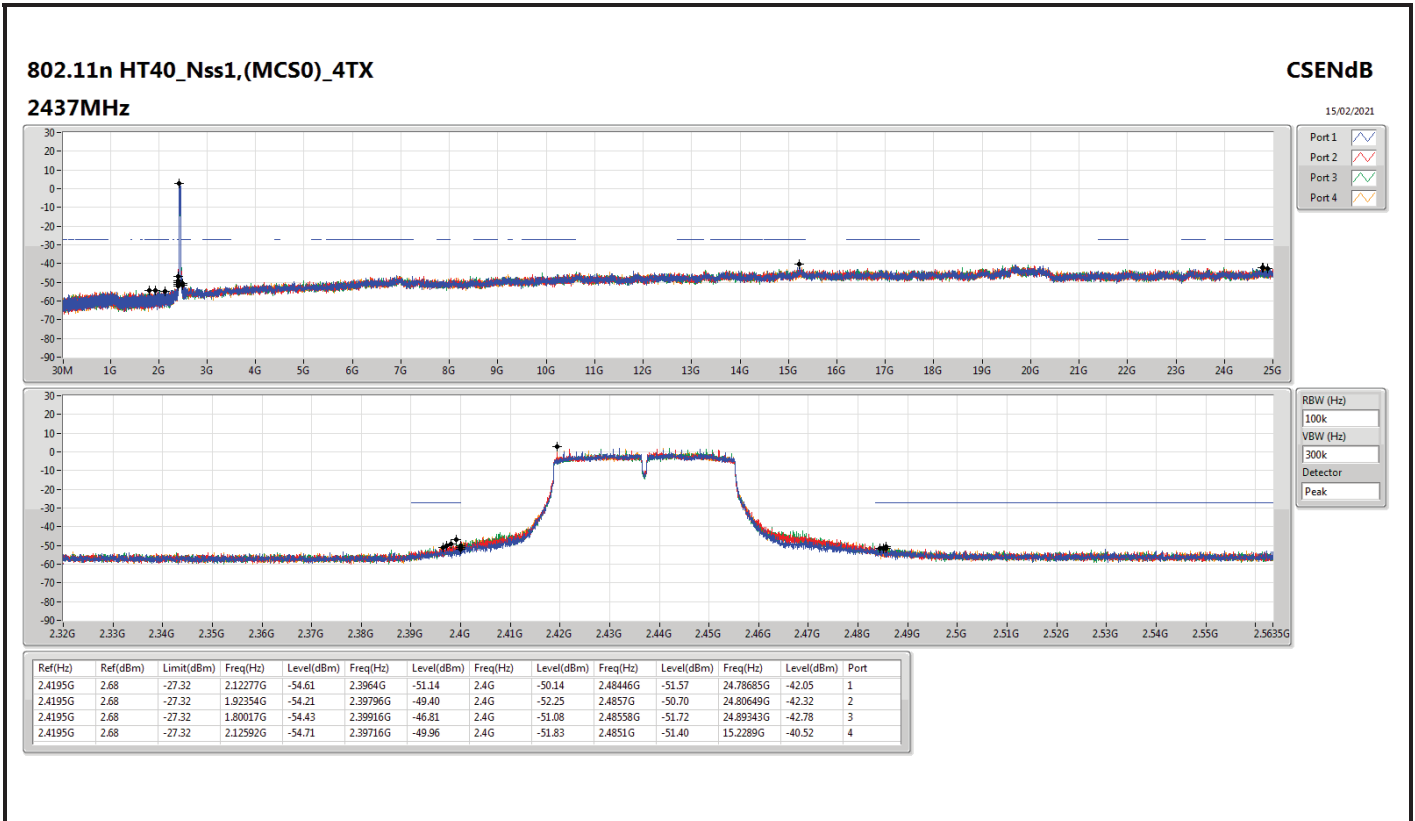


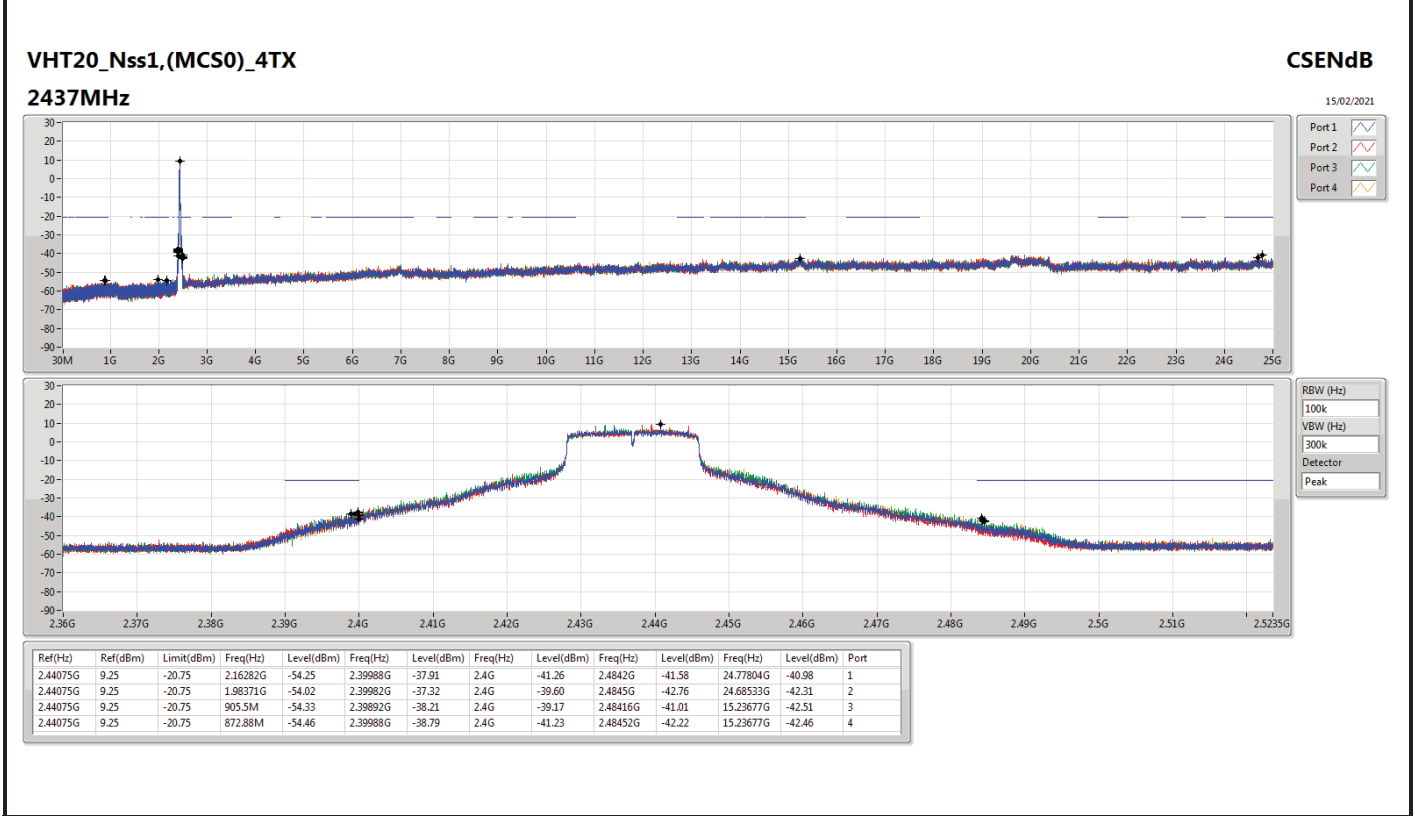
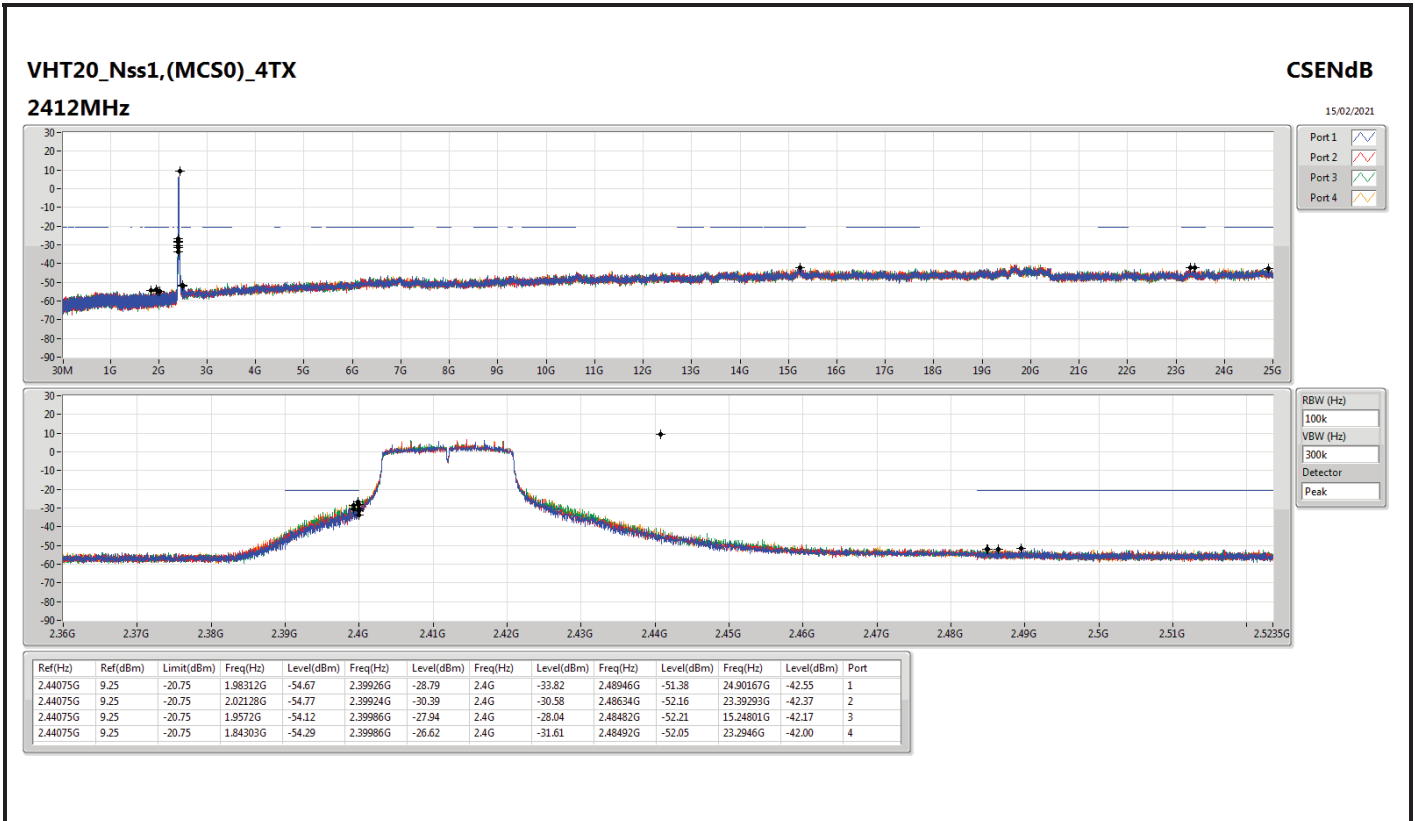












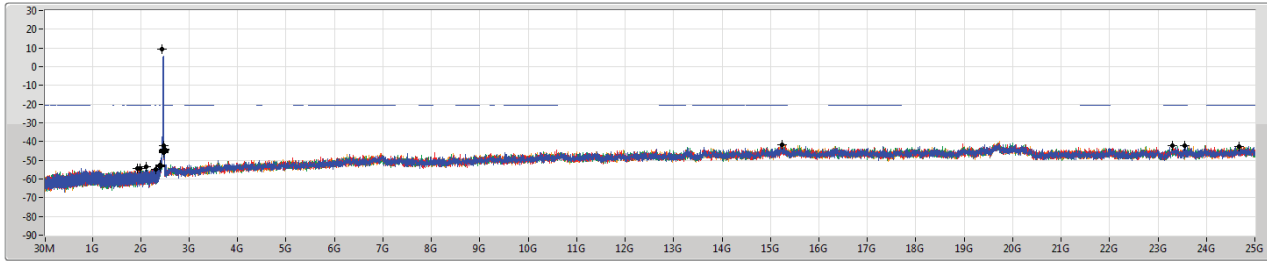


VHT20\_Nss1,(MCS0)\_4TX

CSEndB

2462MHz

15/02/2021

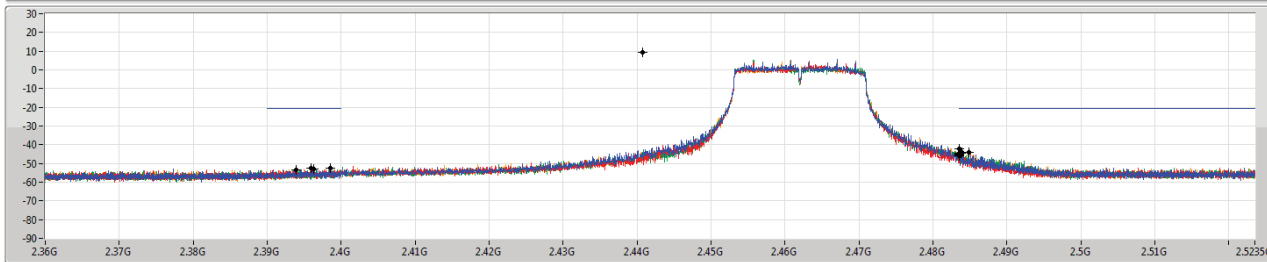


Port 1

Port 2

Port 3

Port 4



RBW (Hz)

VBW (Hz)

Detector

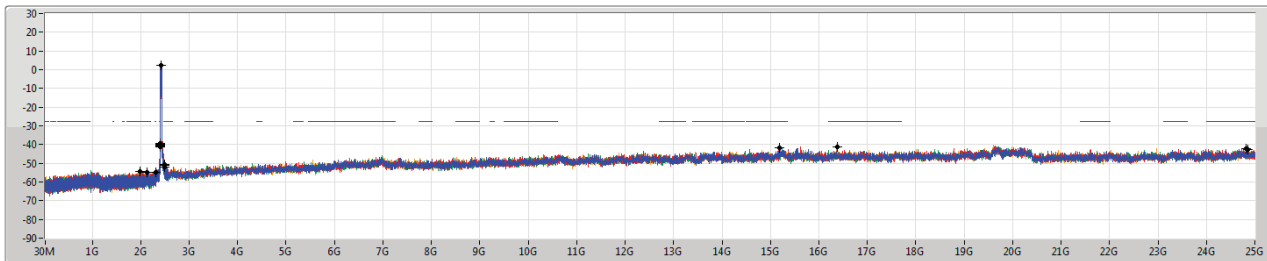
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.44075G | 9.25     | -20.75     | 2.1072G  | -53.62     | 2.39598G | -52.72     | 2.4835G  | -45.37     | 2.4835G  | -44.61     | 23.54465G | -42.34     | 1    |
| 2.44075G | 9.25     | -20.75     | 2.30845G | -54.80     | 2.39624G | -52.84     | 2.4835G  | -44.98     | 2.48378G | -44.54     | 15.23958G | -41.52     | 2    |
| 2.44075G | 9.25     | -20.75     | 1.92662G | -54.29     | 2.39388G | -53.30     | 2.4835G  | -46.10     | 2.48386G | -44.10     | 24.66566G | -42.58     | 3    |
| 2.44075G | 9.25     | -20.75     | 1.98196G | -54.39     | 2.39854G | -52.30     | 2.4835G  | -42.01     | 2.48484G | -44.19     | 23.30302G | -42.00     | 4    |

VHT40\_Nss1,(MCS0)\_4TX

CSEndB

2422MHz

15/02/2021

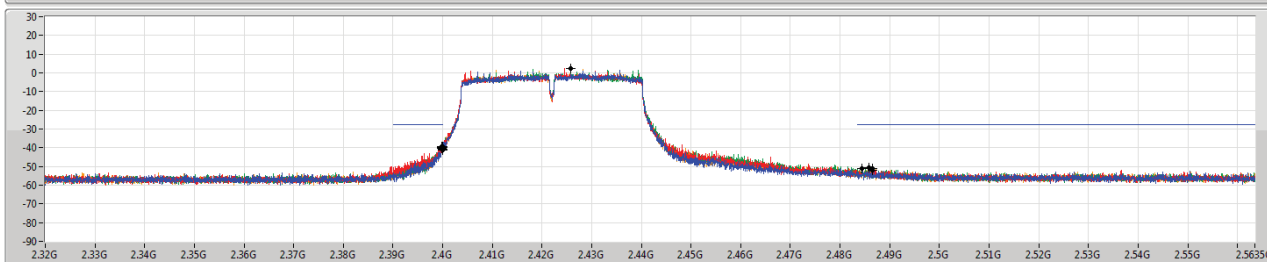


Port 1

Port 2

Port 3

Port 4



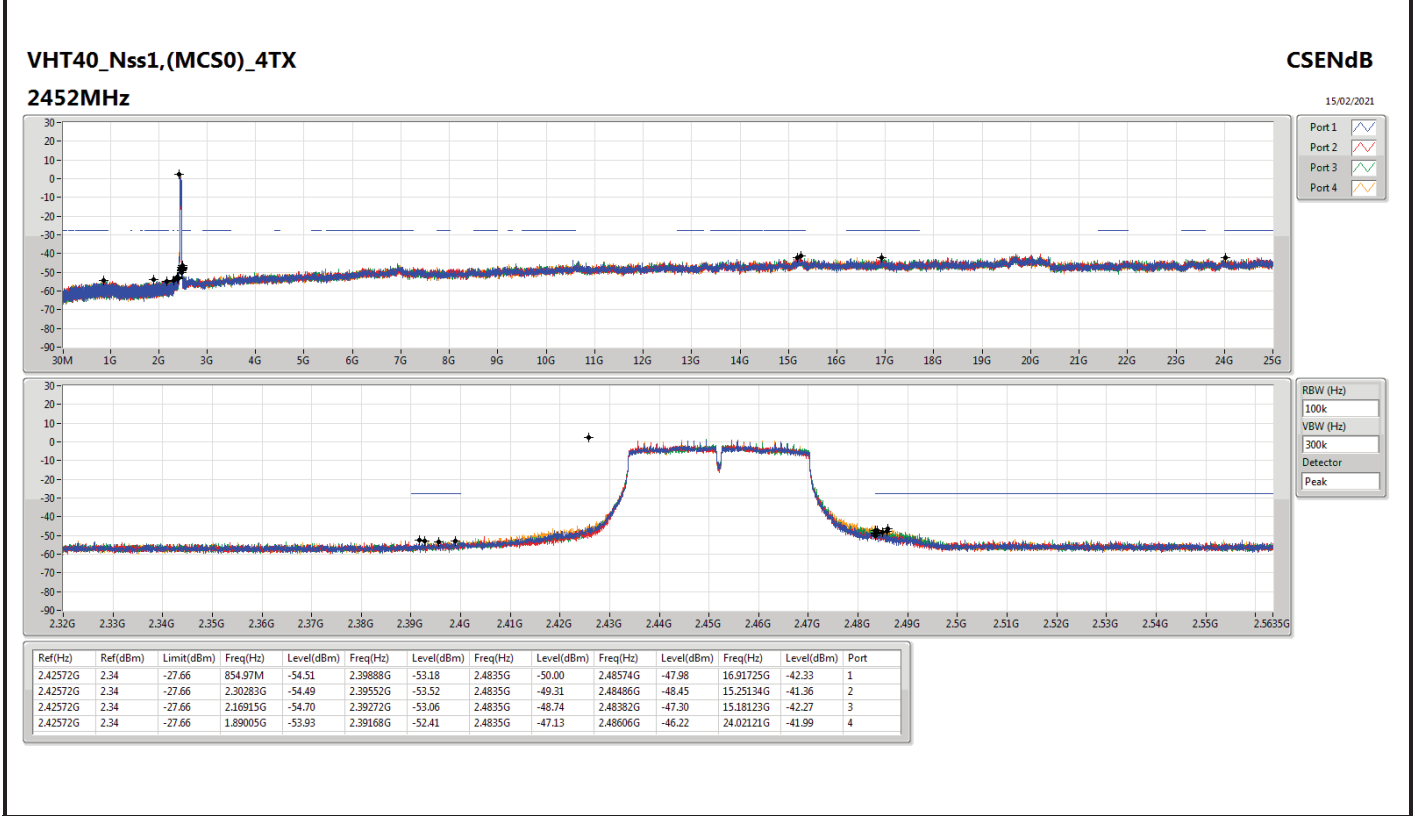
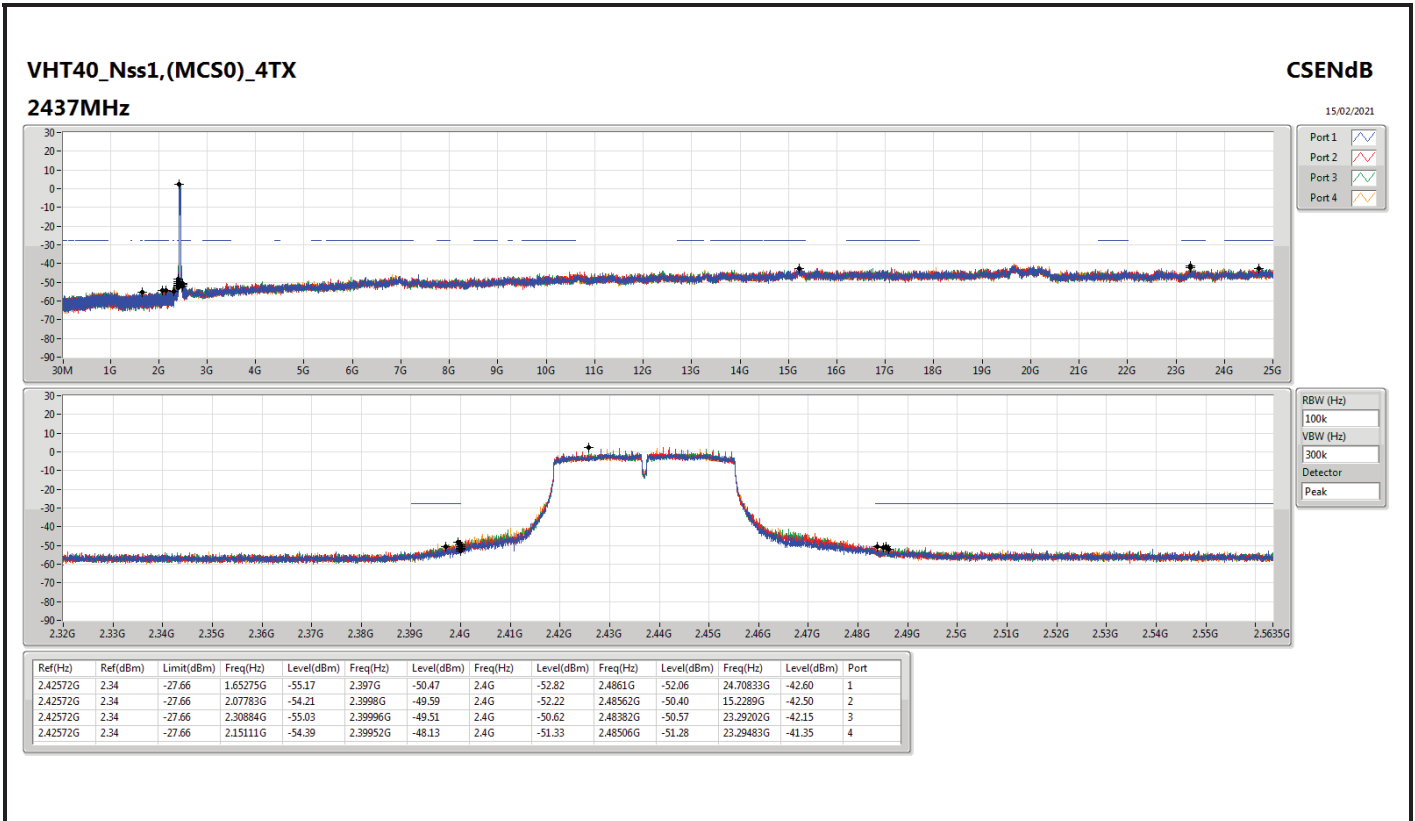
RBW (Hz)

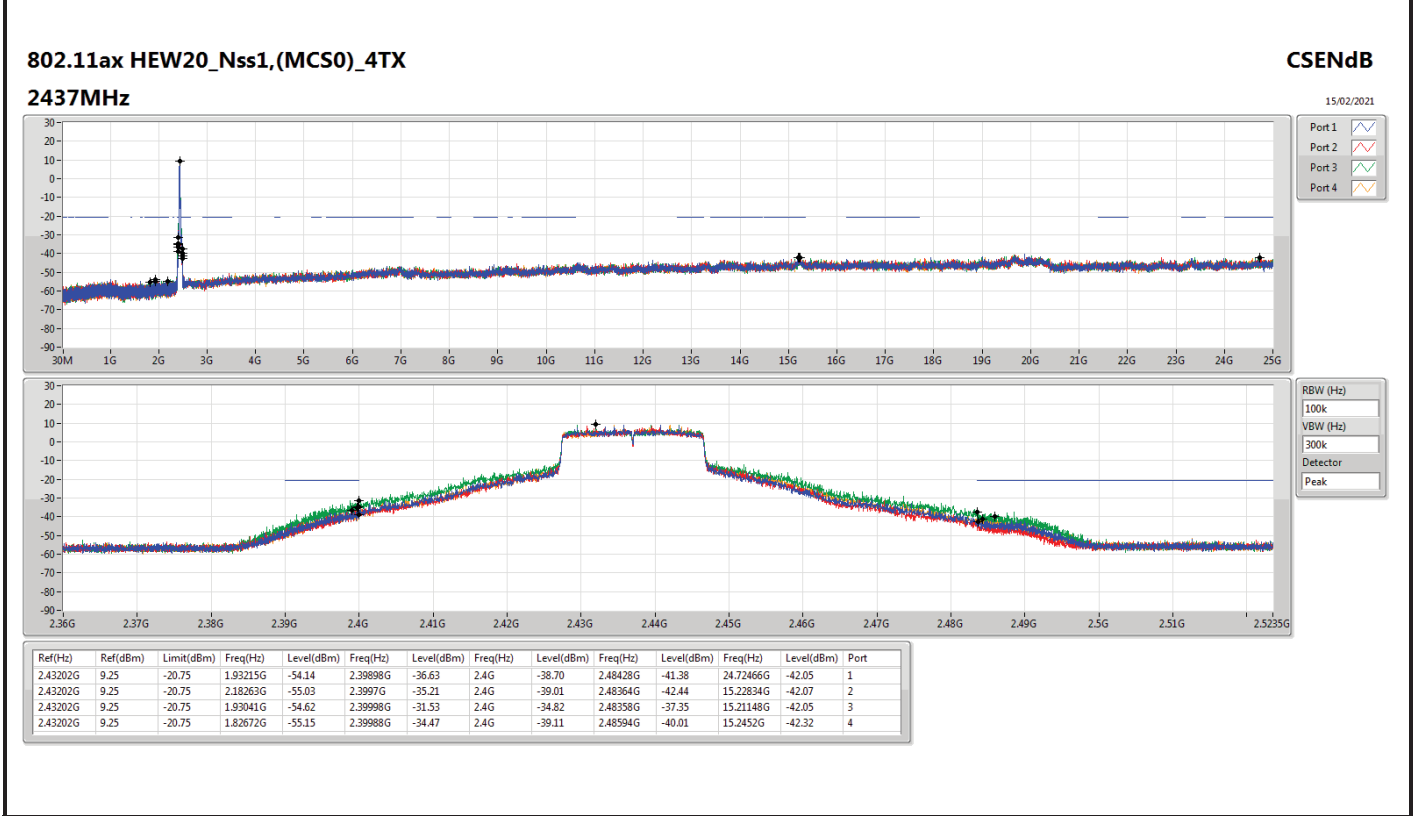
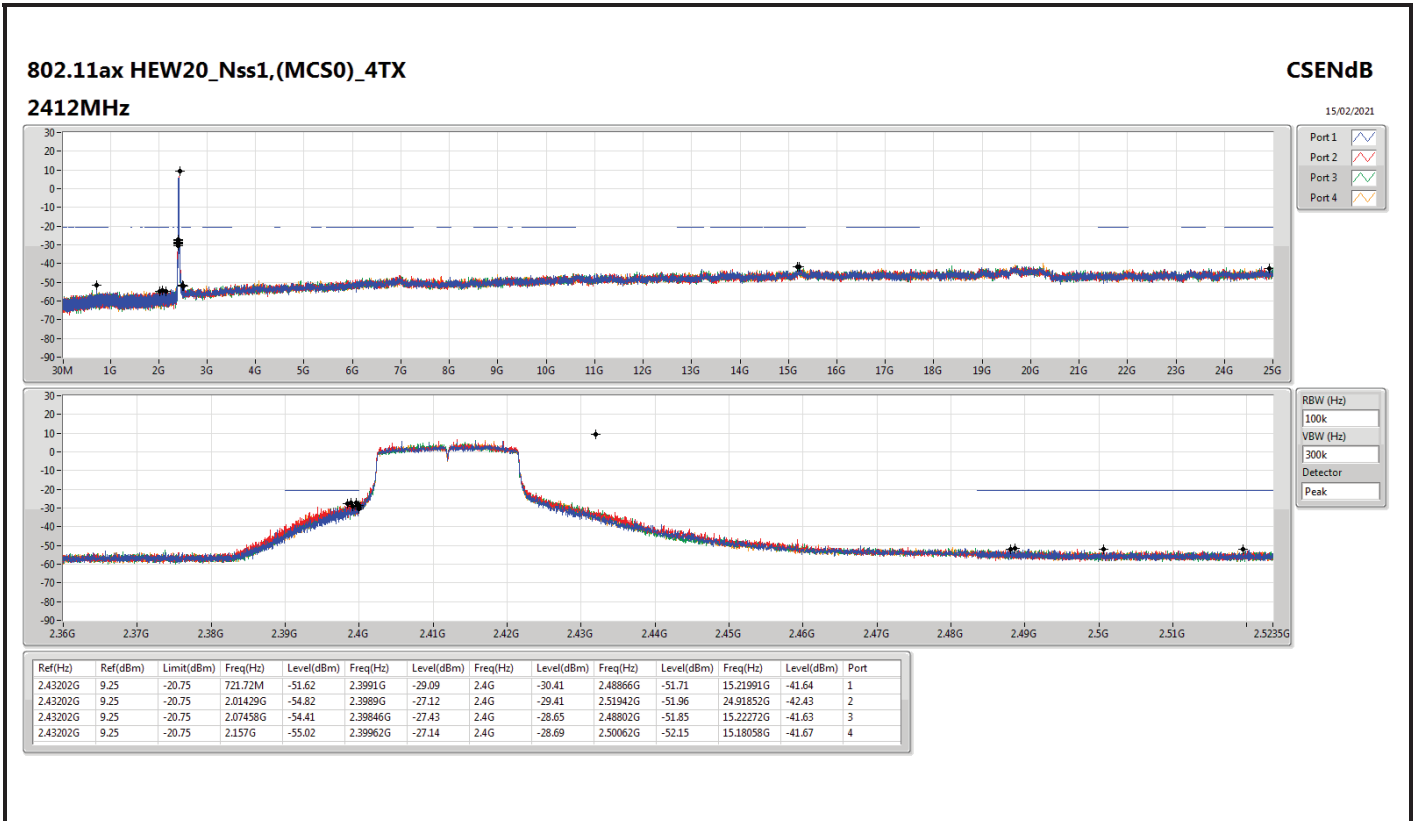
VBW (Hz)

Detector

| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.42572G | 2.34     | -27.66     | 2.30712G | -54.64     | 2.39988G | -40.40     | 2.4G     | -41.08     | 2.48646G | -51.91     | 24.8177G  | -42.19     | 1    |
| 2.42572G | 2.34     | -27.66     | 1.99053G | -54.43     | 2.39984G | -39.19     | 2.4G     | -39.58     | 2.48578G | -50.79     | 24.85697G | -42.58     | 2    |
| 2.42572G | 2.34     | -27.66     | 2.13566G | -54.96     | 2.39984G | -39.76     | 2.4G     | -40.00     | 2.48656G | -51.09     | 15.18123G | -41.72     | 3    |
| 2.42572G | 2.34     | -27.66     | 2.30941G | -54.65     | 2.39988G | -39.90     | 2.4G     | -40.67     | 2.48434G | -51.05     | 16.37597G | -41.46     | 4    |







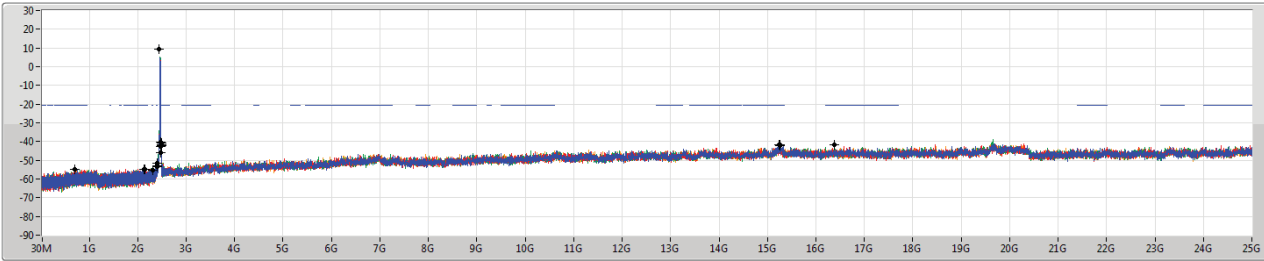


802.11ax HEW20\_Nss1,(MCS0)\_4TX

CSENdB

2462MHz

15/02/2021

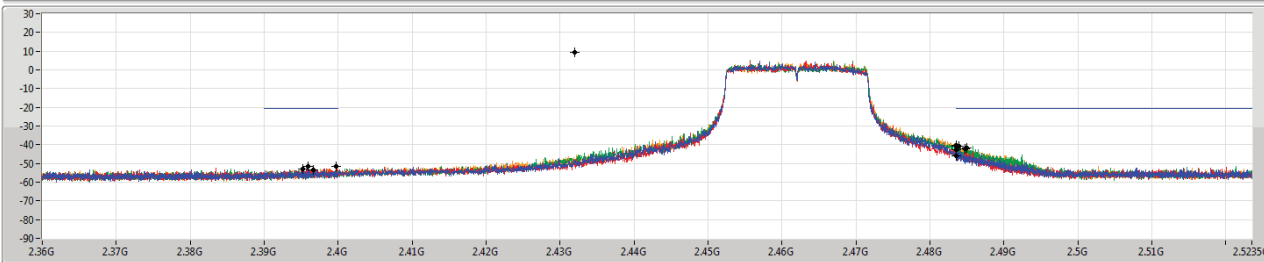


Port 1

Port 2

Port 3

Port 4



RBW (Hz)

VBW (Hz)

Detector

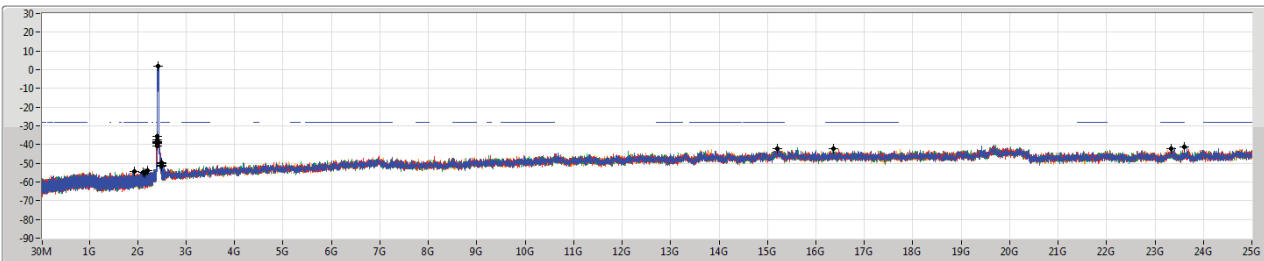
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43202G | 9.25     | -20.75     | 2.14244G | -54.65     | 2.3997G  | -51.65     | 2.4835G  | -46.15     | 2.48468G | -42.36     | 15.24801G | -41.87     | 1    |
| 2.43202G | 9.25     | -20.75     | 707.74M  | -54.63     | 2.39959G | -51.74     | 2.4835G  | -45.75     | 2.48496G | -41.85     | 15.25644G | -42.09     | 2    |
| 2.43202G | 9.25     | -20.75     | 2.13428G | -55.02     | 2.3966G  | -53.51     | 2.4835G  | -42.47     | 2.48386G | -40.97     | 15.25644G | -41.82     | 3    |
| 2.43202G | 9.25     | -20.75     | 2.30466G | -55.09     | 2.39526G | -53.02     | 2.4835G  | -40.53     | 2.4836G  | -40.85     | 16.38026G | -41.51     | 4    |

802.11ax HEW40\_Nss1,(MCS0)\_4TX

CSENdB

2422MHz

15/02/2021

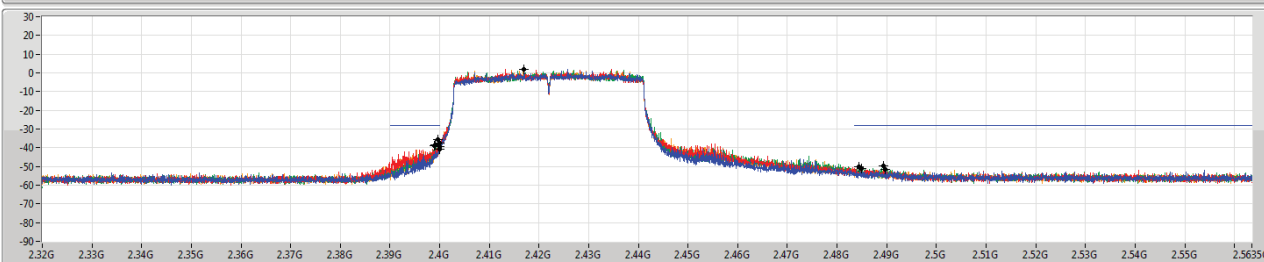


Port 1

Port 2

Port 3

Port 4

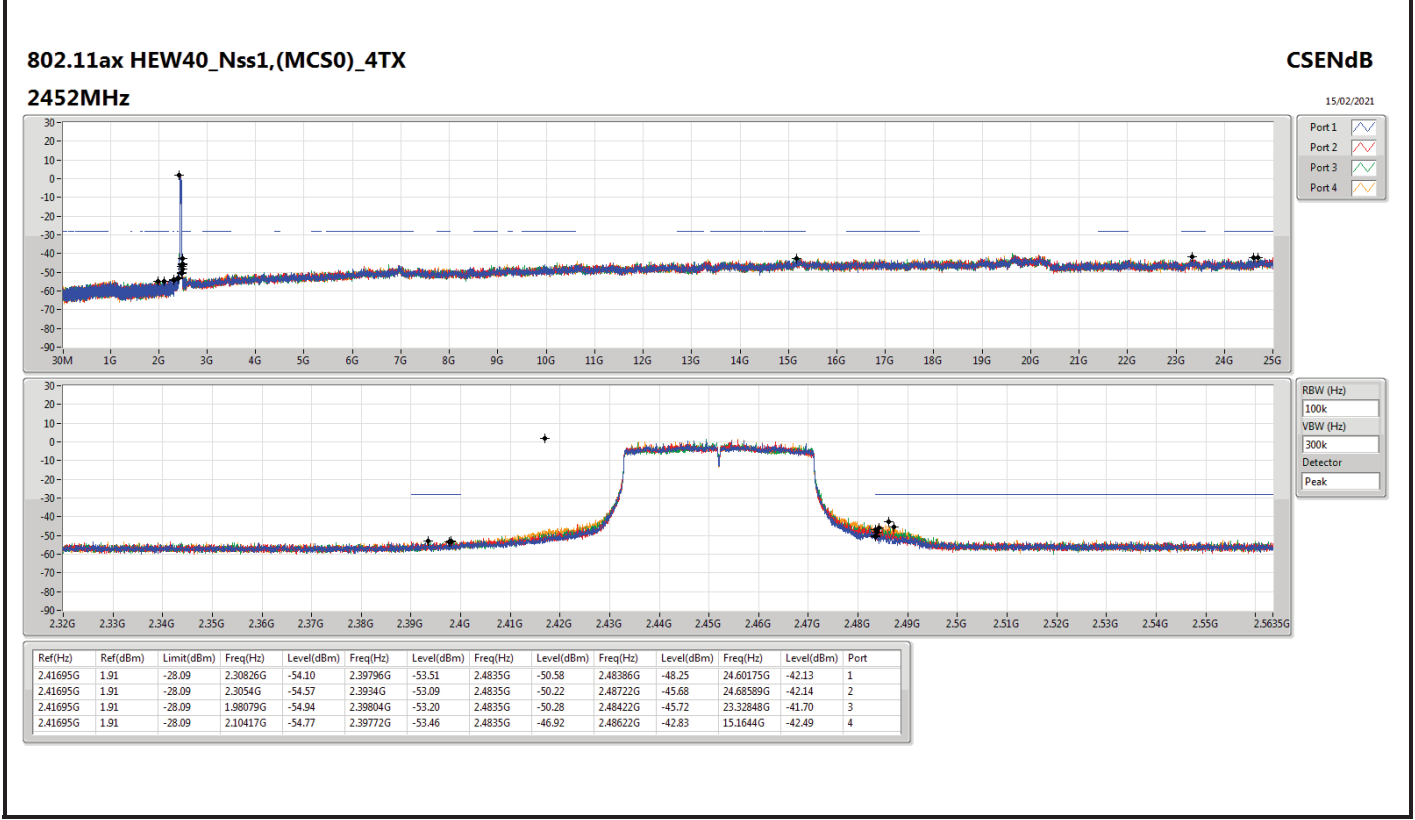
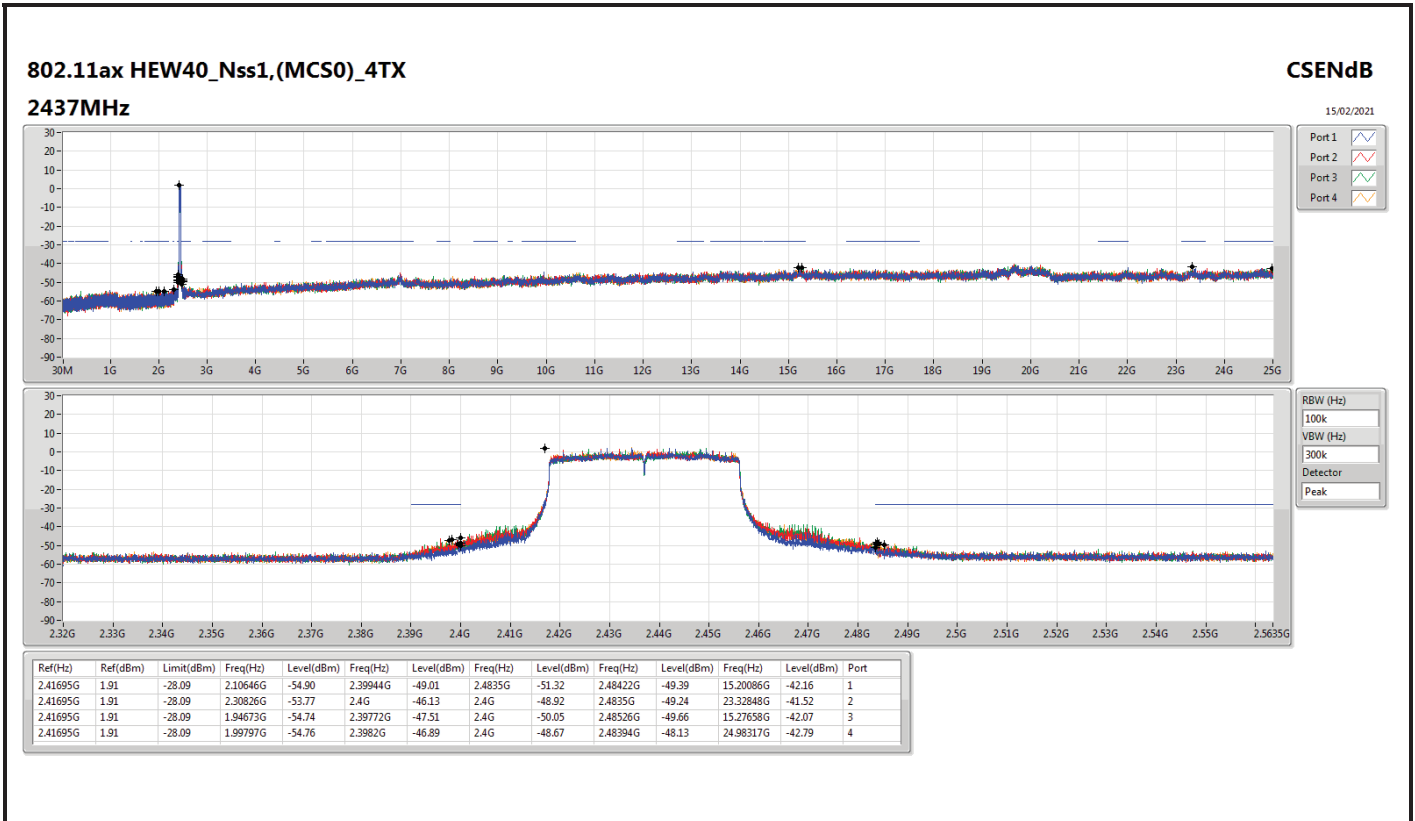


RBW (Hz)

VBW (Hz)

Detector

| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.41695G | 1.91     | -28.09     | 1.84015G | -54.34     | 2.39926G | -40.84     | 2.4G     | -40.64     | 2.48498G | -51.05     | 23.59772G | -41.38     | 1    |
| 2.41695G | 1.91     | -28.09     | 2.11447G | -55.00     | 2.39964G | -35.78     | 2.4G     | -37.30     | 2.48934G | -49.69     | 23.3397G  | -42.00     | 2    |
| 2.41695G | 1.91     | -28.09     | 2.19949G | -54.14     | 2.39904G | -38.42     | 2.4G     | -40.60     | 2.48442G | -50.21     | 15.20647G | -42.00     | 3    |
| 2.41695G | 1.91     | -28.09     | 2.15254G | -55.22     | 2.39888G | -39.09     | 2.4G     | -39.16     | 2.48962G | -51.46     | 16.36796G | -42.12     | 4    |





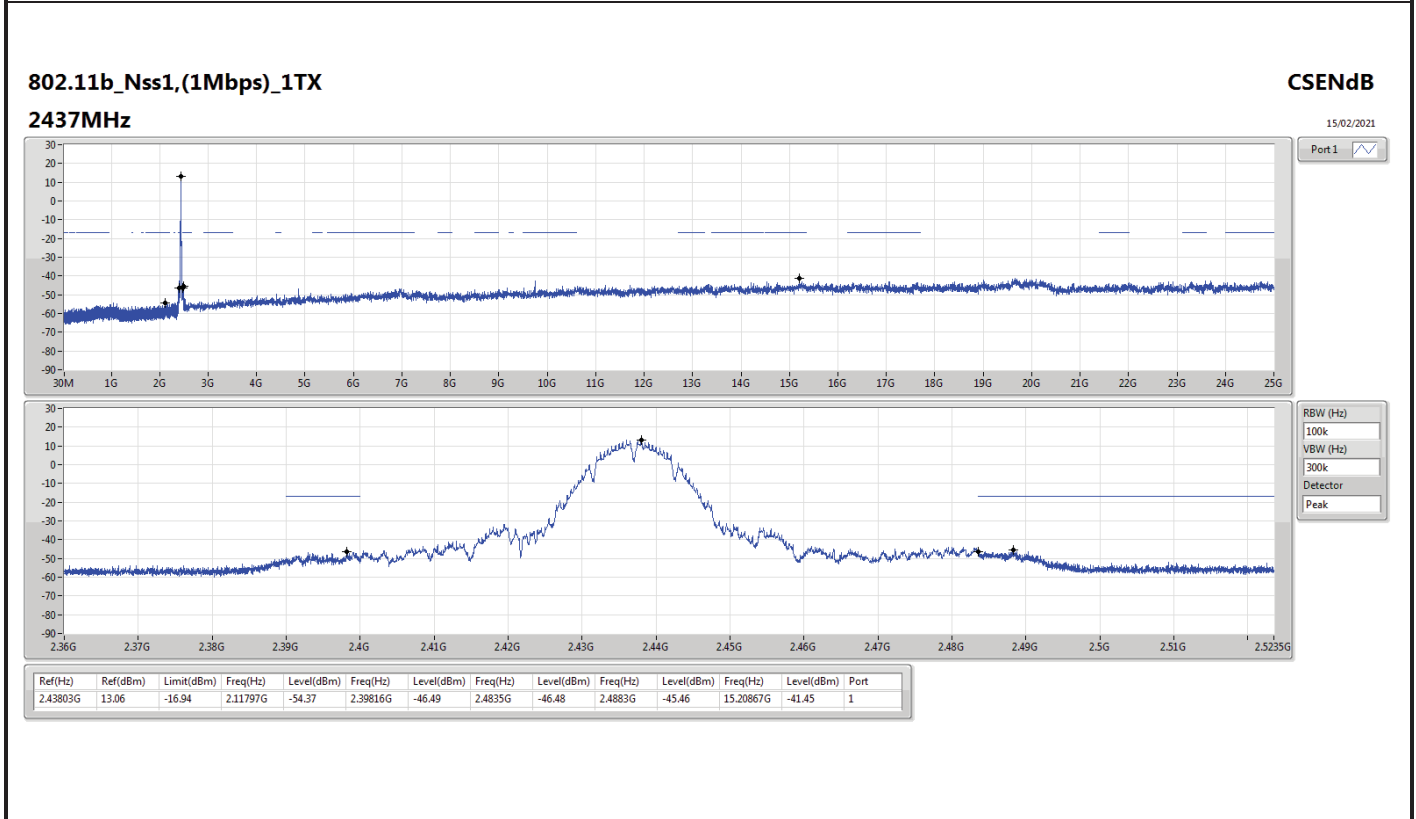
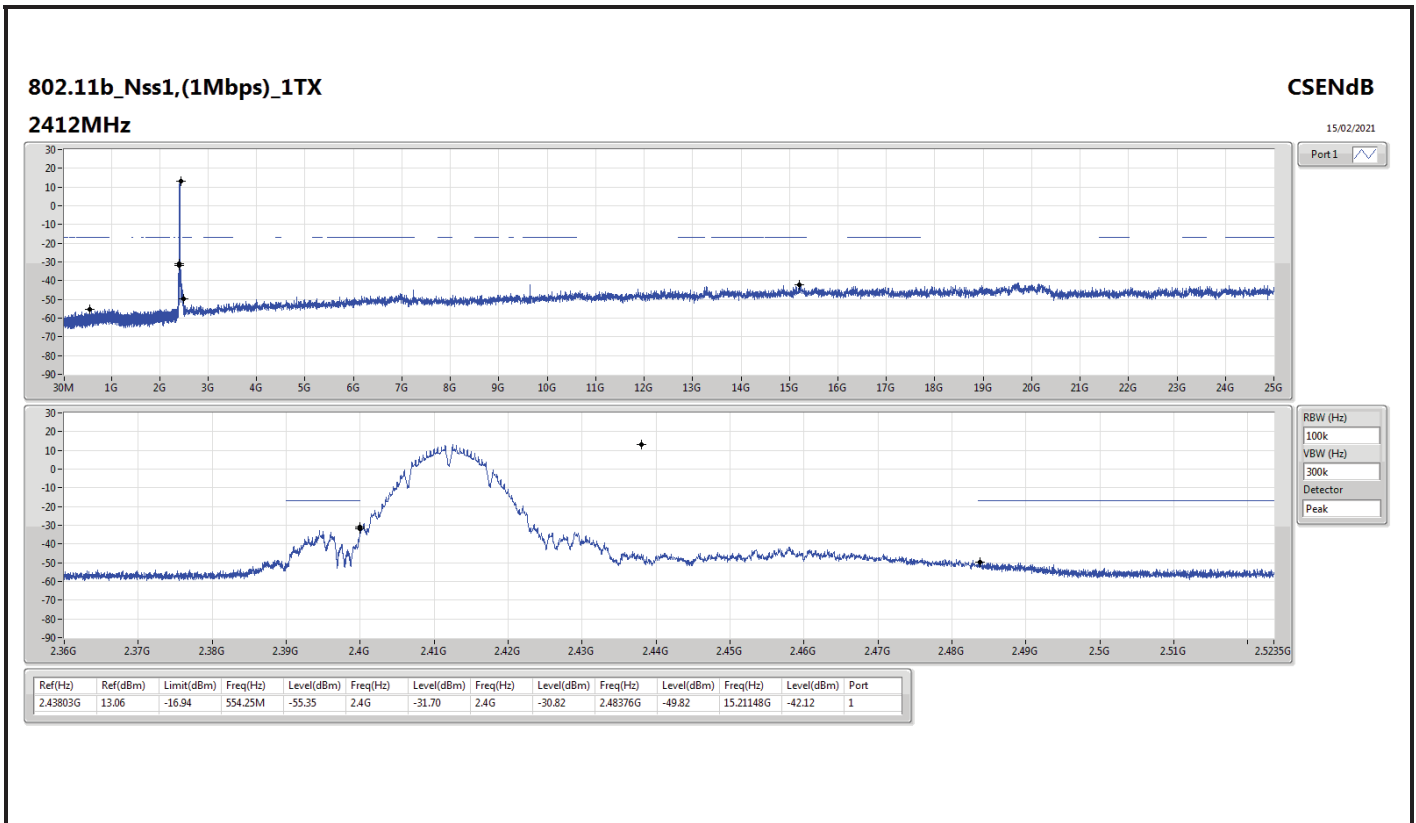
Summary

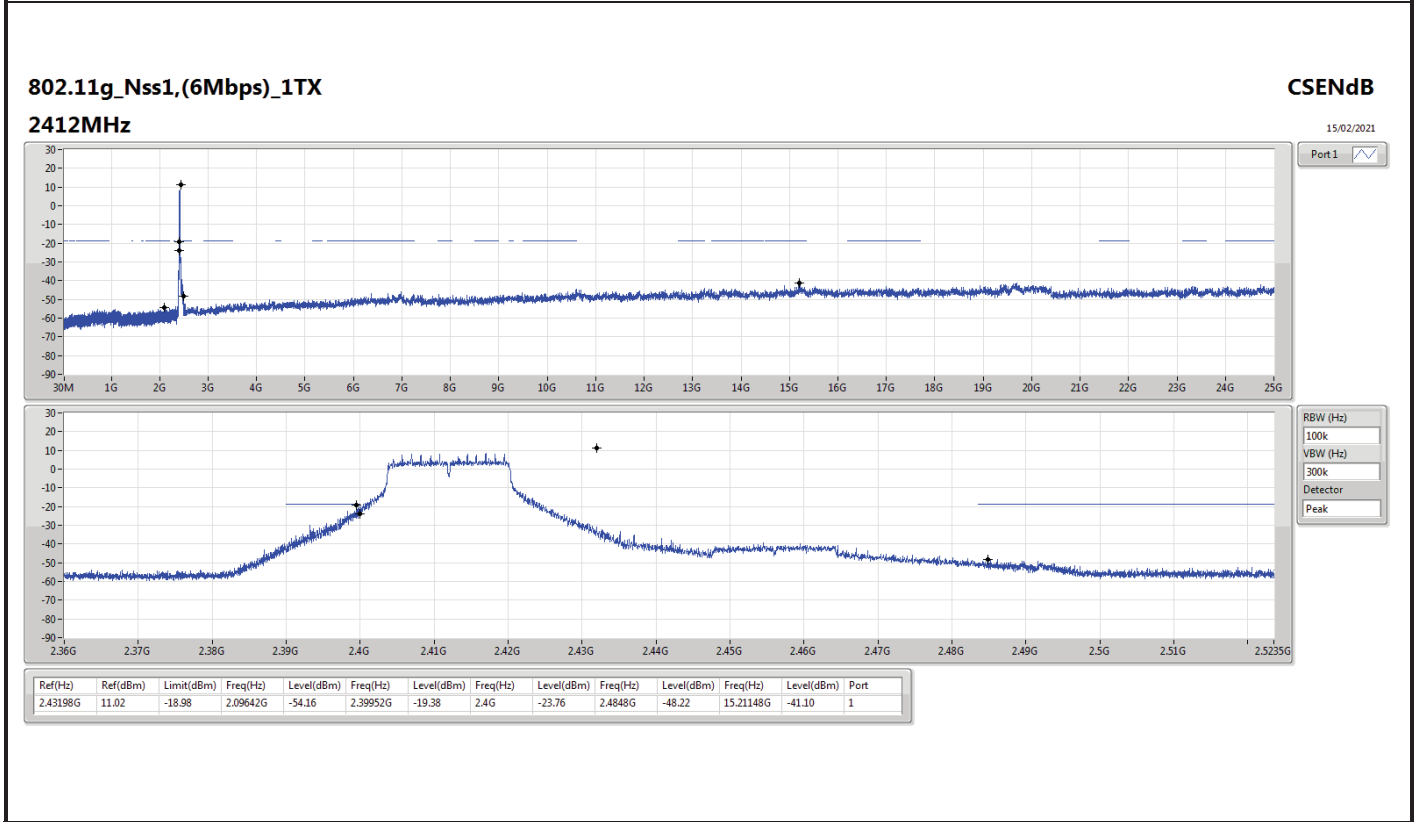
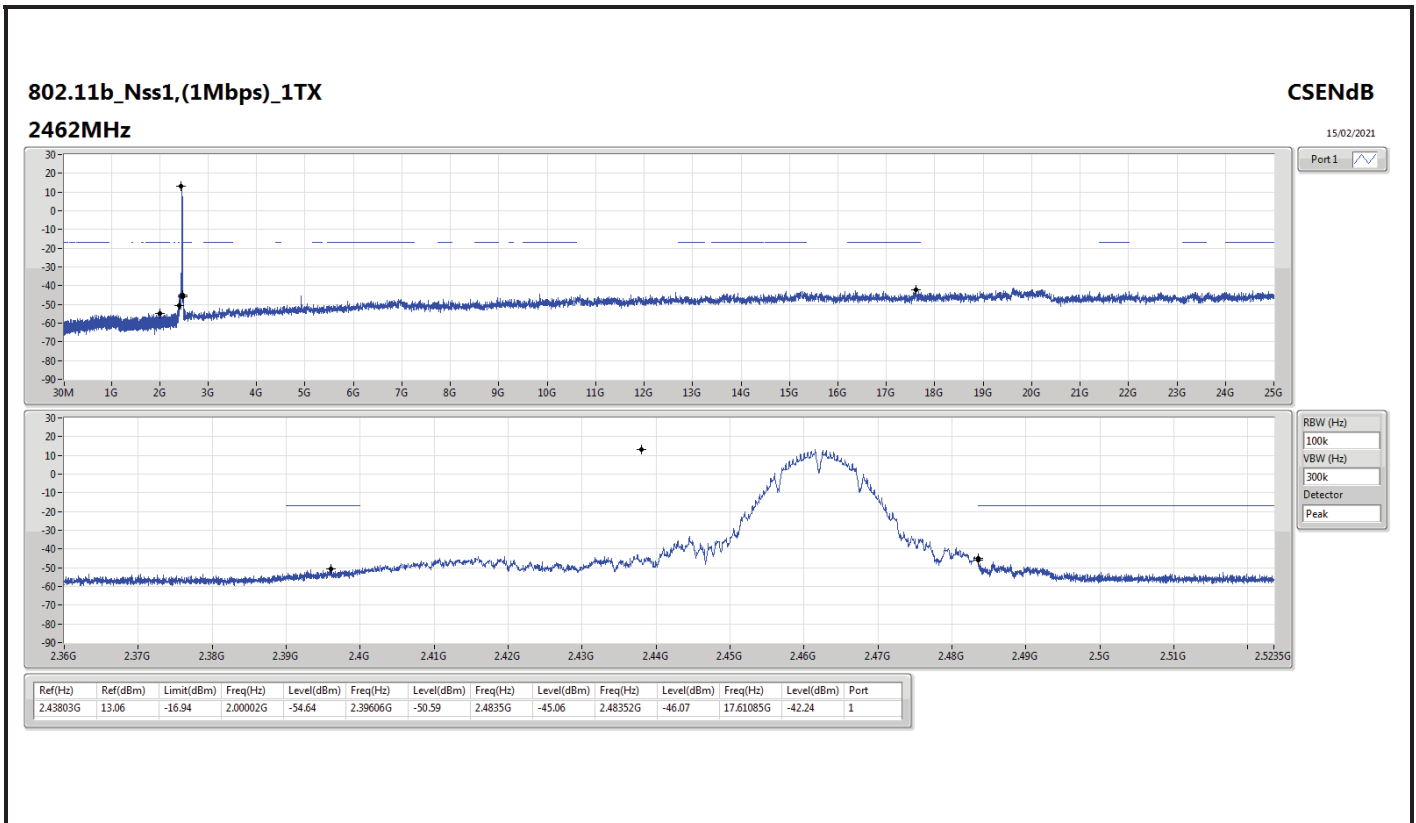
| Mode                         | Result | Ref (Hz) | Ref (dBm) | Limit (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Port |
|------------------------------|--------|----------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|------|
| 2.4-2.4835GHz                | -      | -        | -         | -           | -         | -           | -         | -           | -         | -           | -         | -           | -         | -           | -    |
| 802.11b_Nss1,(1Mbps)_1TX     | Pass   | 2.43803G | 13.06     | -16.94      | 554.25M   | -55.35      | 2.4G      | -31.70      | 2.4G      | -30.82      | 2.48376G  | -49.82      | 15.21148G | -42.12      | 1    |
| 802.11g_Nss1,(6Mbps)_1TX     | Pass   | 2.43198G | 11.02     | -18.98      | 2.09642G  | -54.16      | 2.39952G  | -19.38      | 2.4G      | -23.76      | 2.4848G   | -48.22      | 15.21148G | -41.10      | 1    |
| 802.11n HT20_Nss1,(MCS0)_1TX | Pass   | 2.442G   | 11.19     | -18.81      | 2.02069G  | -54.88      | 2.39978G  | -20.07      | 2.4G      | -23.60      | 2.48542G  | -47.75      | 16.93094G | -42.43      | 1    |
| 802.11n HT40_Nss1,(MCS0)_1TX | Pass   | 2.442G   | 5.80      | -24.20      | 890.18M   | -53.69      | 2.39948G  | -24.63      | 2.4G      | -27.53      | 2.48702G  | -42.66      | 15.21488G | -40.75      | 1    |



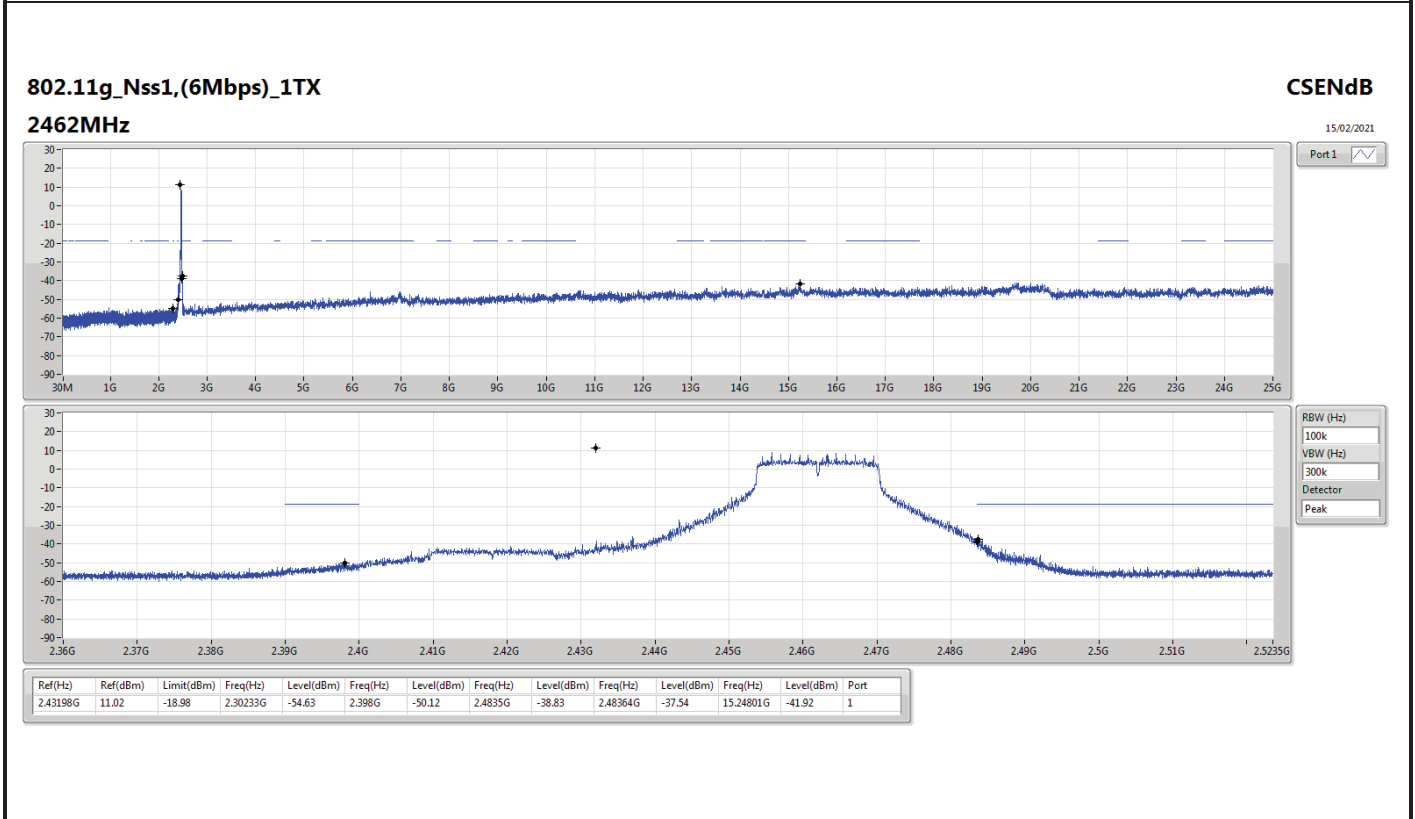
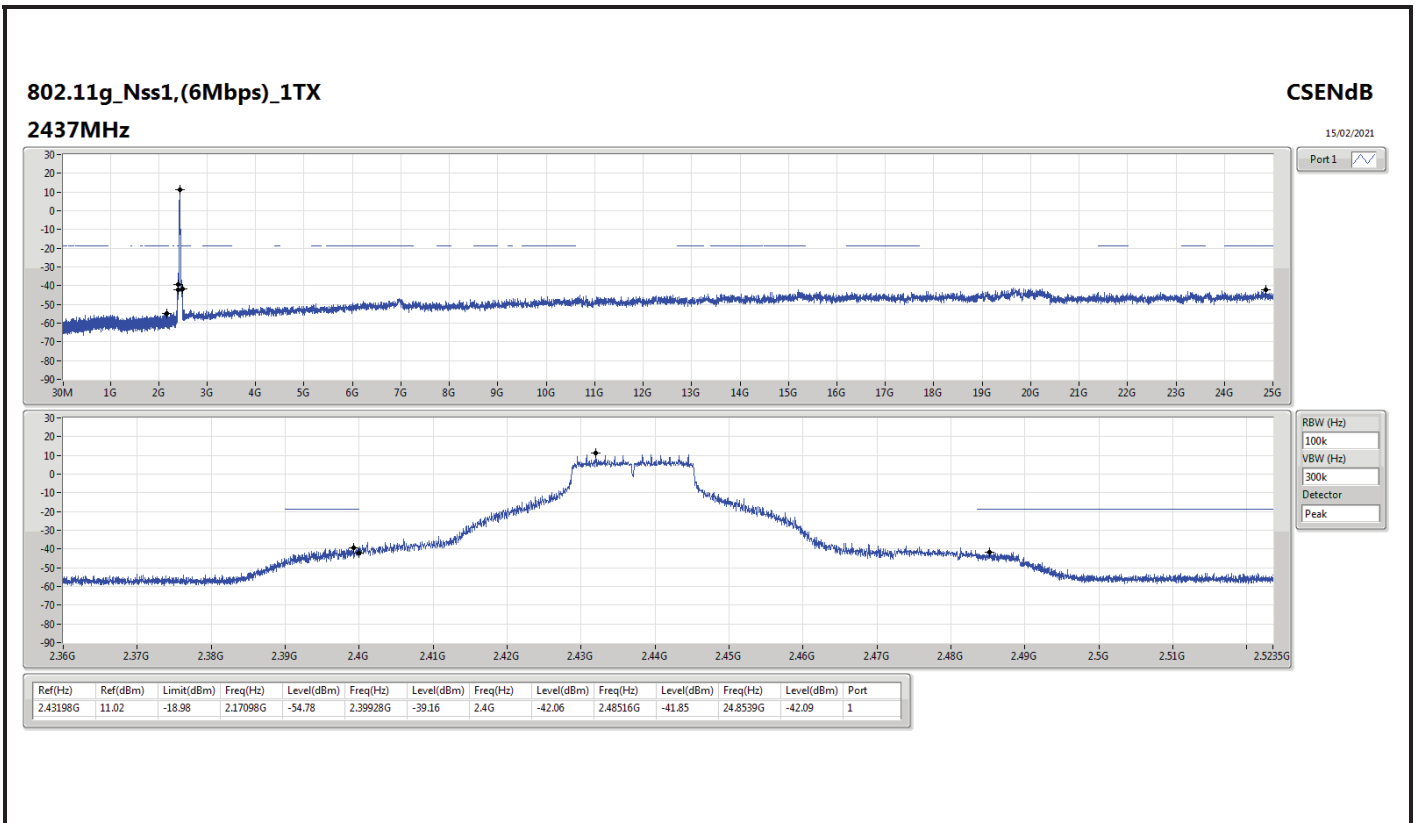
Result

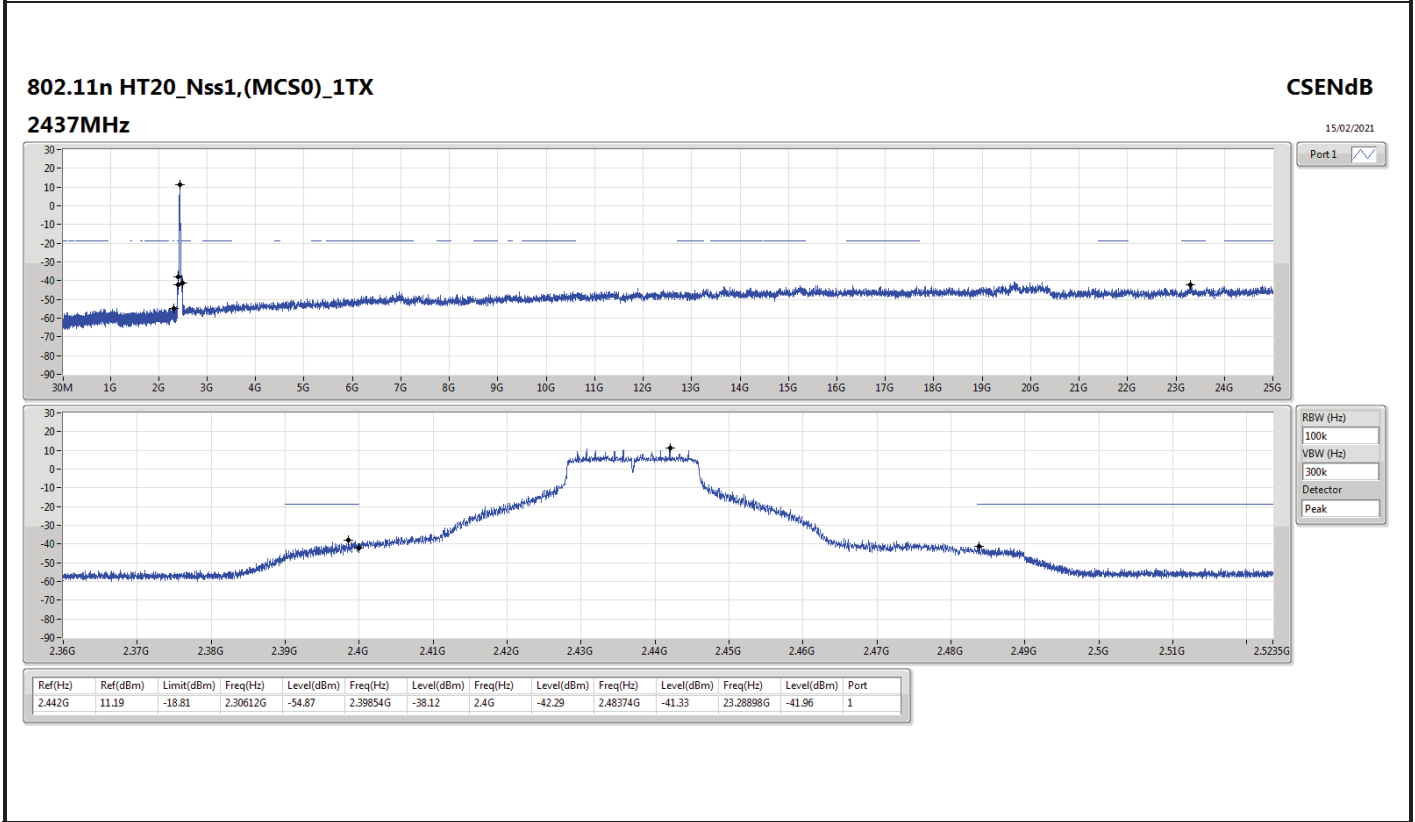
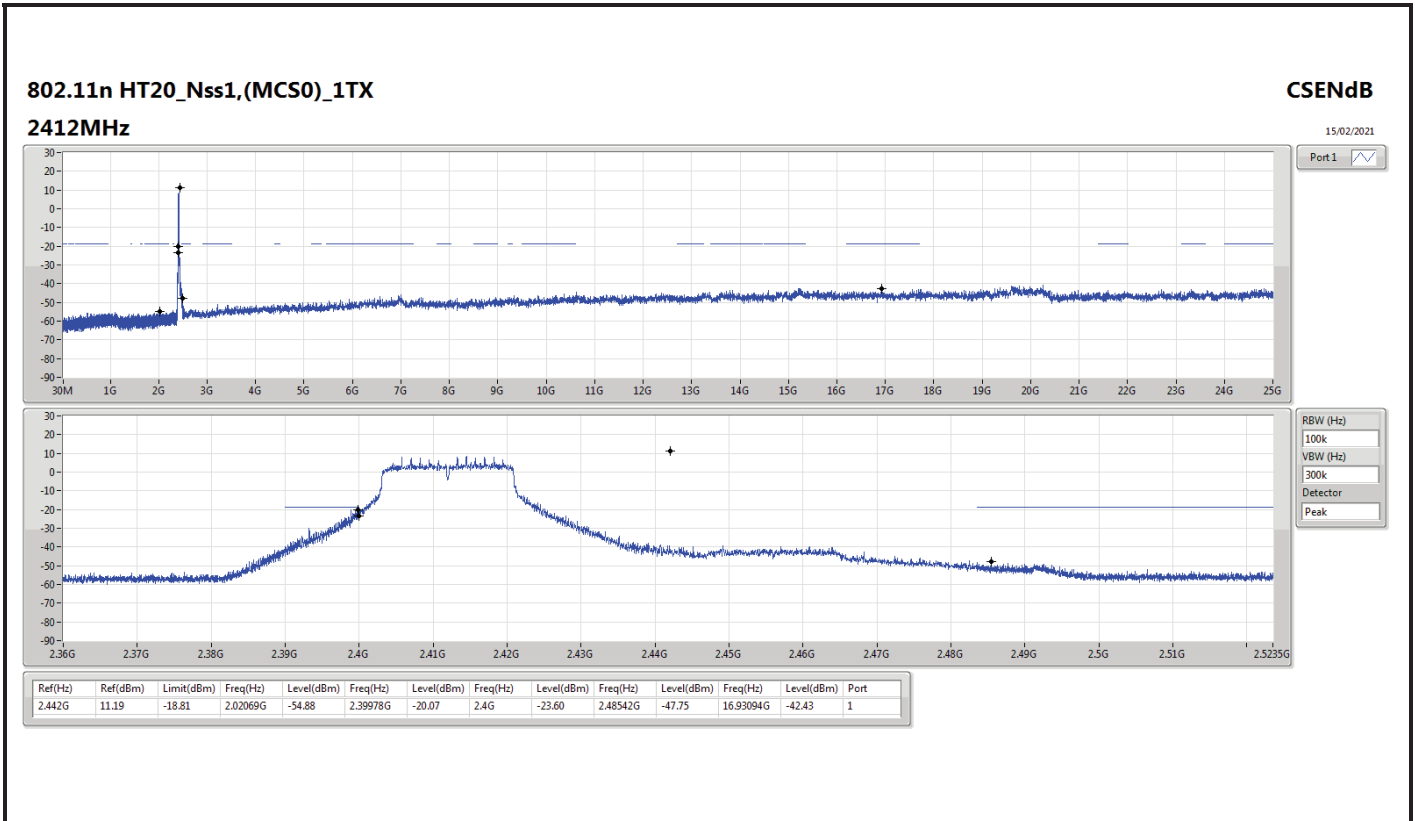
| Mode                         | Result | Ref (Hz) | Ref (dBm) | Limit (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Port |
|------------------------------|--------|----------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|------|
| 802.11b_Nss1,(1Mbps)_1TX     | -      | -        | -         | -           | -         | -           | -         | -           | -         | -           | -         | -           | -         | -           | -    |
| 2412MHz                      | Pass   | 2.43803G | 13.06     | -16.94      | 554.25M   | -55.35      | 2.4G      | -31.70      | 2.4G      | -30.82      | 2.48376G  | -49.82      | 15.21148G | -42.12      | 1    |
| 2437MHz                      | Pass   | 2.43803G | 13.06     | -16.94      | 2.11797G  | -54.37      | 2.39816G  | -46.49      | 2.4835G   | -46.48      | 2.4883G   | -45.46      | 15.20867G | -41.45      | 1    |
| 2462MHz                      | Pass   | 2.43803G | 13.06     | -16.94      | 2.00002G  | -54.64      | 2.39606G  | -50.59      | 2.4835G   | -45.06      | 2.48352G  | -46.07      | 17.61085G | -42.24      | 1    |
| 802.11g_Nss1,(6Mbps)_1TX     | -      | -        | -         | -           | -         | -           | -         | -           | -         | -           | -         | -           | -         | -           | -    |
| 2412MHz                      | Pass   | 2.43198G | 11.02     | -18.98      | 2.09642G  | -54.16      | 2.39952G  | -19.38      | 2.4G      | -23.76      | 2.4848G   | -48.22      | 15.21148G | -41.10      | 1    |
| 2437MHz                      | Pass   | 2.43198G | 11.02     | -18.98      | 2.17098G  | -54.78      | 2.39928G  | -39.16      | 2.4G      | -42.06      | 2.48516G  | -41.85      | 24.8539G  | -42.09      | 1    |
| 2462MHz                      | Pass   | 2.43198G | 11.02     | -18.98      | 2.30233G  | -54.63      | 2.398G    | -50.12      | 2.4835G   | -38.83      | 2.48364G  | -37.54      | 15.24801G | -41.92      | 1    |
| 802.11n HT20_Nss1,(MCS0)_1TX | -      | -        | -         | -           | -         | -           | -         | -           | -         | -           | -         | -           | -         | -           | -    |
| 2412MHz                      | Pass   | 2.442G   | 11.19     | -18.81      | 2.02069G  | -54.88      | 2.39978G  | -20.07      | 2.4G      | -23.60      | 2.48542G  | -47.75      | 16.93094G | -42.43      | 1    |
| 2437MHz                      | Pass   | 2.442G   | 11.19     | -18.81      | 2.30612G  | -54.87      | 2.39854G  | -38.12      | 2.4G      | -42.29      | 2.48374G  | -41.33      | 23.28898G | -41.96      | 1    |
| 2462MHz                      | Pass   | 2.442G   | 11.19     | -18.81      | 2.11739G  | -55.39      | 2.39822G  | -50.62      | 2.4835G   | -38.91      | 2.48354G  | -36.25      | 24.95786G | -42.07      | 1    |
| 802.11n HT40_Nss1,(MCS0)_1TX | -      | -        | -         | -           | -         | -           | -         | -           | -         | -           | -         | -           | -         | -           | -    |
| 2422MHz                      | Pass   | 2.442G   | 5.80      | -24.20      | 890.18M   | -53.69      | 2.39948G  | -24.63      | 2.4G      | -27.53      | 2.48702G  | -42.66      | 15.21488G | -40.75      | 1    |
| 2437MHz                      | Pass   | 2.442G   | 5.80      | -24.20      | 2.14596G  | -55.46      | 2.39948G  | -30.81      | 2.4G      | -38.08      | 2.48954G  | -37.96      | 14.84468G | -42.46      | 1    |
| 2452MHz                      | Pass   | 2.442G   | 5.80      | -24.20      | 1.92755G  | -54.10      | 2.39956G  | -45.54      | 2.4835G   | -41.14      | 2.48446G  | -36.12      | 16.99578G | -42.49      | 1    |

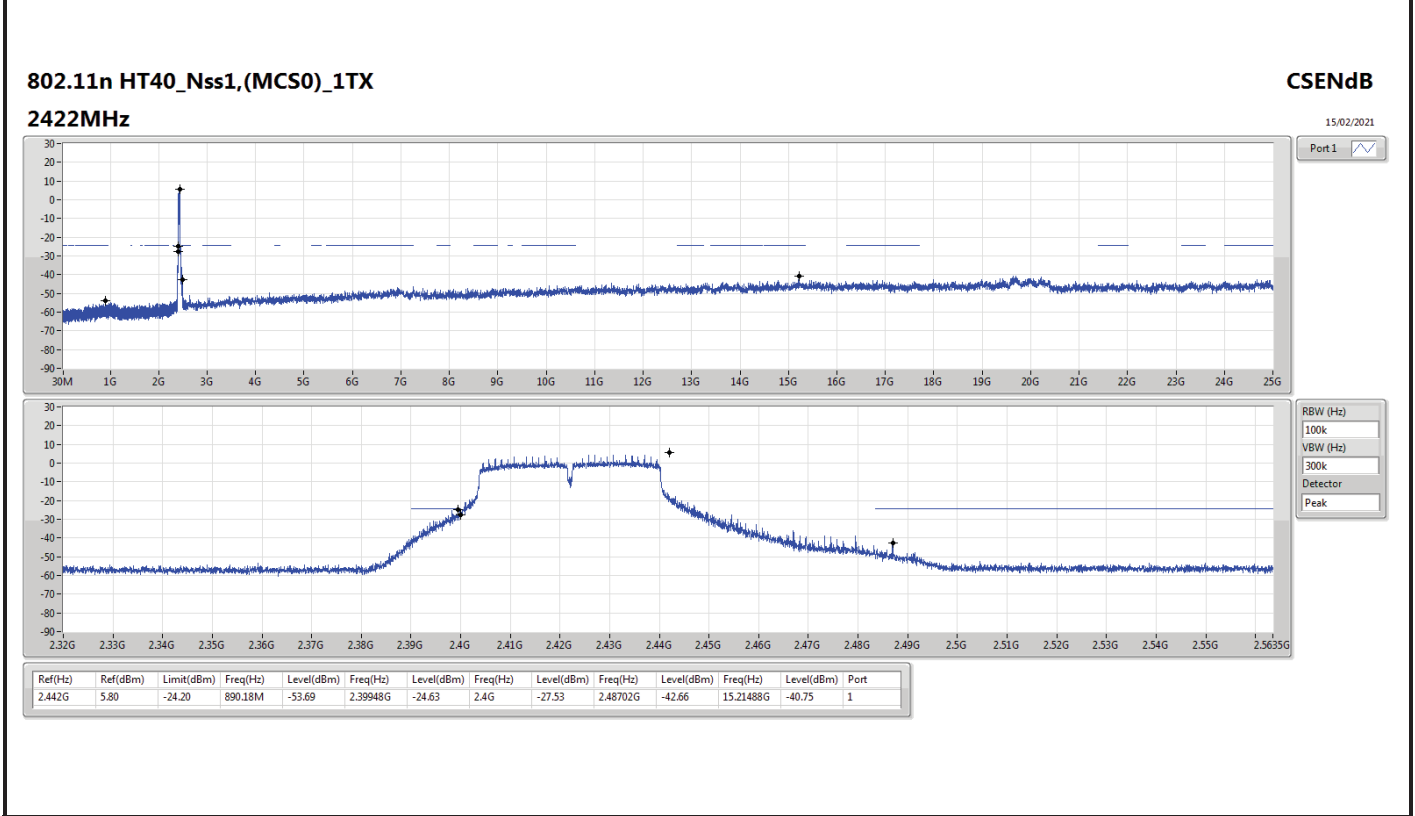
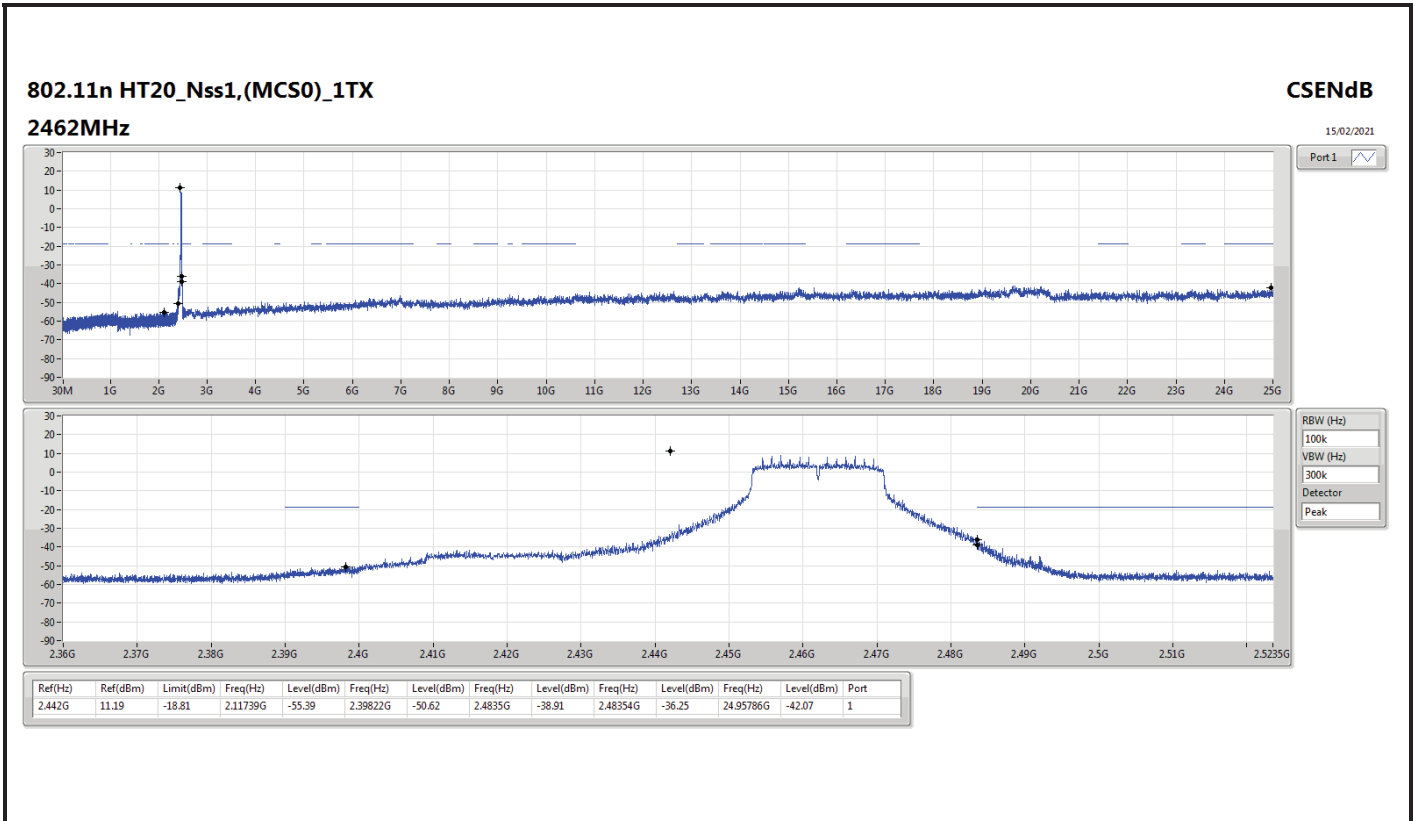


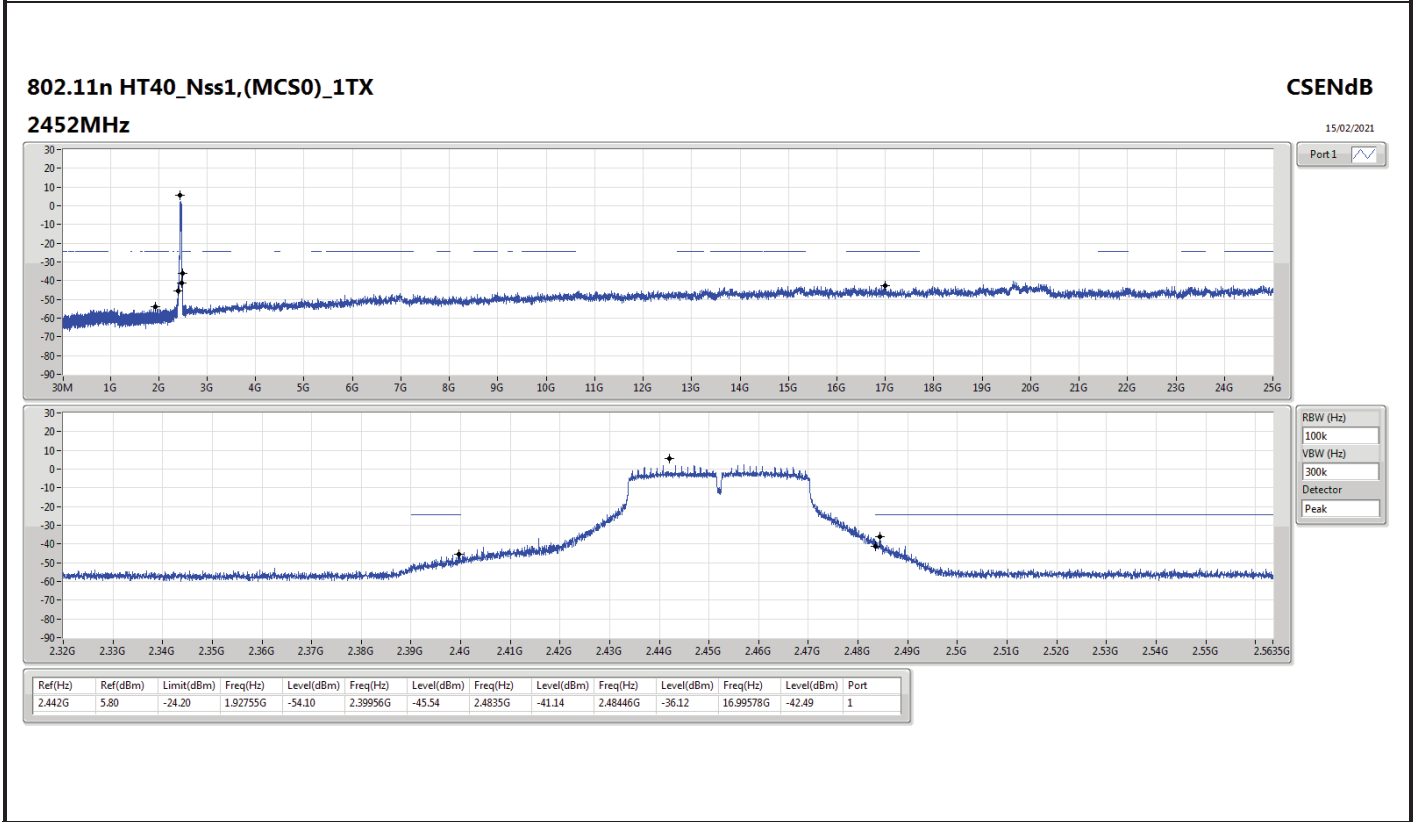
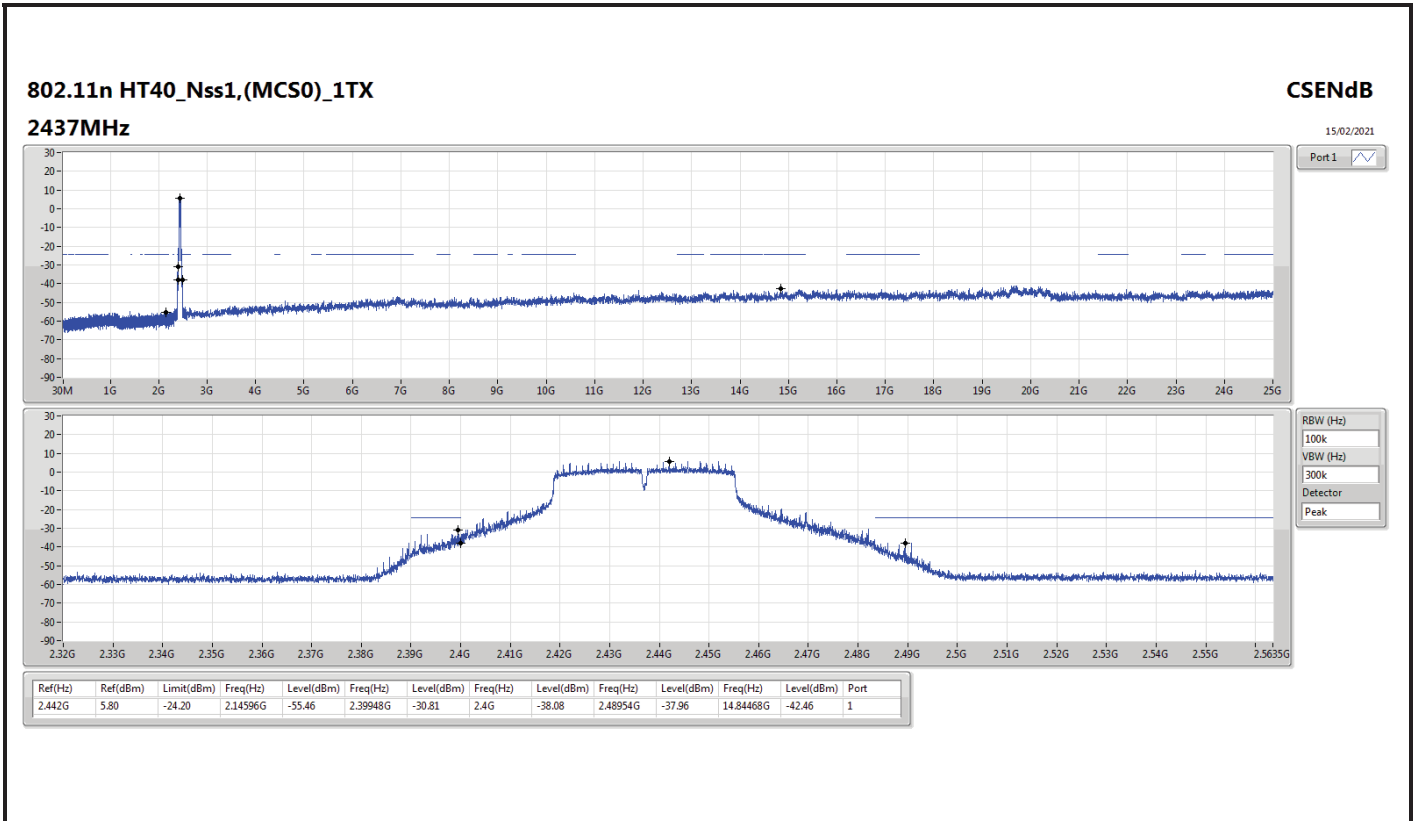














Summary

| Mode                           | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comments |
|--------------------------------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|----------|
| 2.4-2.4835GHz                  | -      | -    | -         | -              | -              | -           | -        | -          | -           | -          | -        |
| 802.11ax HEW40_Nss1,(MCS0)_4TX | Pass   | PK   | 30M       | 36.98          | 40.00          | -3.02       | 3        | Horizontal | 0           | 1.00       | -        |



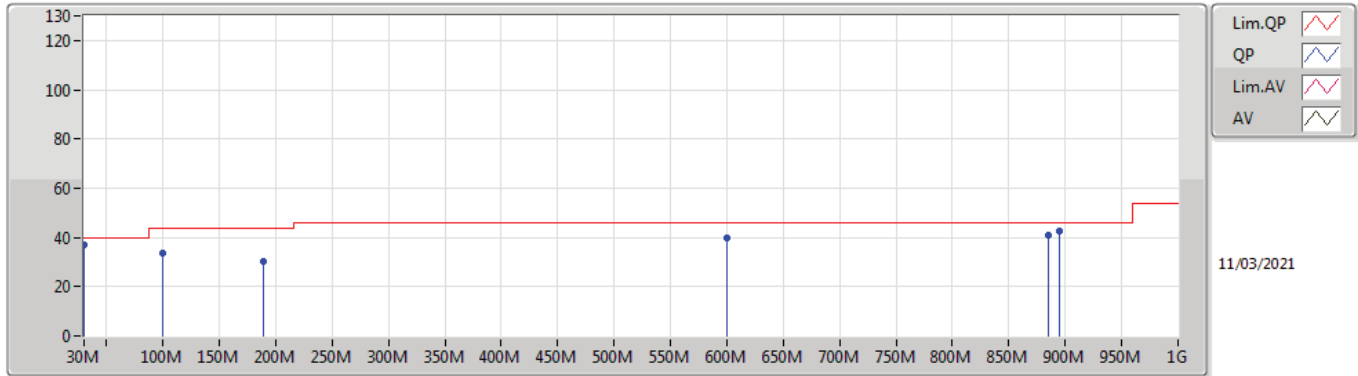
Result

| Mode                           | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comments |
|--------------------------------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|----------|
| 802.11ax HEW40_Nss1_(MCS0)_4TX | -      | -    | -         | -              | -              | -           | -        | -          | -           | -          | -        |
| 2437MHz                        | Pass   | PK   | 30M       | 36.89          | 40.00          | -3.11       | 3        | Vertical   | 360         | 1.00       | -        |
| 2437MHz                        | Pass   | PK   | 99.84M    | 33.74          | 43.50          | -9.76       | 3        | Vertical   | 360         | 1.00       | -        |
| 2437MHz                        | Pass   | PK   | 189.08M   | 30.38          | 43.50          | -13.12      | 3        | Vertical   | 360         | 1.00       | -        |
| 2437MHz                        | Pass   | PK   | 600.36M   | 39.80          | 46.00          | -6.20       | 3        | Vertical   | 360         | 1.00       | -        |
| 2437MHz                        | Pass   | PK   | 885.54M   | 40.64          | 46.00          | -5.36       | 3        | Vertical   | 360         | 1.00       | -        |
| 2437MHz                        | Pass   | PK   | 895.24M   | 42.80          | 46.00          | -3.20       | 3        | Vertical   | 360         | 1.00       | -        |
| 2437MHz                        | Pass   | PK   | 30M       | 36.98          | 40.00          | -3.02       | 3        | Horizontal | 0           | 1.00       | -        |
| 2437MHz                        | Pass   | PK   | 99.84M    | 32.33          | 43.50          | -11.17      | 3        | Horizontal | 0           | 1.00       | -        |
| 2437MHz                        | Pass   | PK   | 189.08M   | 31.76          | 43.50          | -11.74      | 3        | Horizontal | 0           | 1.00       | -        |
| 2437MHz                        | Pass   | PK   | 600.36M   | 37.59          | 46.00          | -8.41       | 3        | Horizontal | 0           | 1.00       | -        |
| 2437MHz                        | Pass   | PK   | 831.22M   | 35.07          | 46.00          | -10.93      | 3        | Horizontal | 0           | 1.00       | -        |
| 2437MHz                        | Pass   | PK   | 908.82M   | 35.52          | 46.00          | -10.48      | 3        | Horizontal | 0           | 1.00       | -        |
| 2437MHz                        | Pass   | PK   | 30M       | 36.91          | 40.00          | -3.09       | 3        | Vertical   | 360         | 1.00       | -        |
| 2437MHz                        | Pass   | PK   | 47.46M    | 31.35          | 40.00          | -8.65       | 3        | Vertical   | 360         | 1.00       | -        |
| 2437MHz                        | Pass   | PK   | 183.26M   | 32.95          | 43.50          | -10.55      | 3        | Vertical   | 360         | 1.00       | -        |
| 2437MHz                        | Pass   | PK   | 336.52M   | 34.20          | 46.00          | -11.80      | 3        | Vertical   | 360         | 1.00       | -        |
| 2437MHz                        | Pass   | PK   | 600.36M   | 38.28          | 46.00          | -7.72       | 3        | Vertical   | 360         | 1.00       | -        |
| 2437MHz                        | Pass   | PK   | 885.54M   | 41.66          | 46.00          | -4.34       | 3        | Vertical   | 360         | 1.00       | -        |
| 2437MHz                        | Pass   | PK   | 47.46M    | 31.92          | 40.00          | -8.08       | 3        | Horizontal | 0           | 1.00       | -        |
| 2437MHz                        | Pass   | PK   | 293.84M   | 34.70          | 46.00          | -11.30      | 3        | Horizontal | 0           | 1.00       | -        |
| 2437MHz                        | Pass   | PK   | 600.36M   | 35.23          | 46.00          | -10.77      | 3        | Horizontal | 0           | 1.00       | -        |
| 2437MHz                        | Pass   | PK   | 759.44M   | 34.48          | 46.00          | -11.52      | 3        | Horizontal | 0           | 1.00       | -        |
| 2437MHz                        | Pass   | PK   | 934.04M   | 37.06          | 46.00          | -8.94       | 3        | Horizontal | 0           | 1.00       | -        |
| 2437MHz                        | Pass   | QP   | 30M       | 30.37          | 40.00          | -9.63       | 3        | Horizontal | 66          | 1.16       | -        |



### 802.11ax HEW40\_Nss1,(MCS0)\_4TX

### 2437MHz\_Adapter

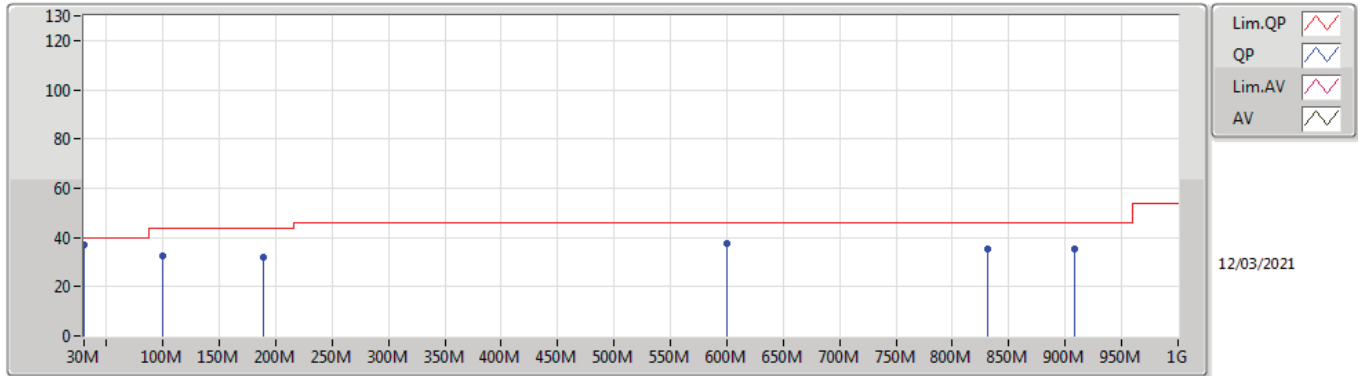


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| PK   | 30M       | 36.89          | 40.00          | -3.11       | -3.19       | 3        | Vertical  | 360         | 1.00       | -       | 40.08      | 23.32   | 0.70    | 27.21   |
| PK   | 99.84M    | 33.74          | 43.50          | -9.76       | -10.28      | 3        | Vertical  | 360         | 1.00       | -       | 44.02      | 16.09   | 1.40    | 27.77   |
| PK   | 189.08M   | 30.38          | 43.50          | -13.12      | -11.13      | 3        | Vertical  | 360         | 1.00       | -       | 41.51      | 14.19   | 2.05    | 27.37   |
| PK   | 600.36M   | 39.80          | 46.00          | -6.20       | -0.55       | 3        | Vertical  | 360         | 1.00       | -       | 40.35      | 23.97   | 3.80    | 28.32   |
| PK   | 885.54M   | 40.64          | 46.00          | -5.36       | 2.86        | 3        | Vertical  | 360         | 1.00       | -       | 37.78      | 25.58   | 4.74    | 27.46   |
| PK   | 895.24M   | 42.80          | 46.00          | -3.20       | 3.00        | 3        | Vertical  | 360         | 1.00       | -       | 39.80      | 25.64   | 4.78    | 27.42   |



### 802.11ax HEW40\_Nss1,(MCS0)\_4TX

### 2437MHz\_Adapter



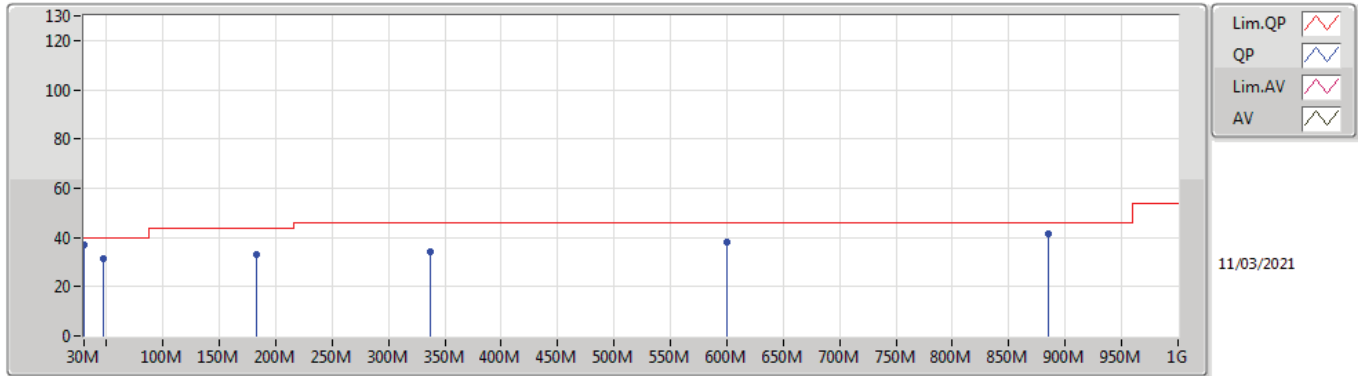
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| PK   | 30M       | 36.98          | 40.00          | -3.02       | -3.19       | 3        | Horizontal | 0           | 1.00       | -       | 40.17      | 23.32   | 0.70    | 27.21   |
| PK   | 99.84M    | 32.33          | 43.50          | -11.17      | -10.28      | 3        | Horizontal | 0           | 1.00       | -       | 42.61      | 16.09   | 1.40    | 27.77   |
| PK   | 189.08M   | 31.76          | 43.50          | -11.74      | -11.13      | 3        | Horizontal | 0           | 1.00       | -       | 42.89      | 14.19   | 2.05    | 27.37   |
| PK   | 600.36M   | 37.59          | 46.00          | -8.41       | -0.55       | 3        | Horizontal | 0           | 1.00       | -       | 38.14      | 23.97   | 3.80    | 28.32   |
| PK   | 831.22M   | 35.07          | 46.00          | -10.93      | 2.24        | 3        | Horizontal | 0           | 1.00       | -       | 32.83      | 25.35   | 4.56    | 27.67   |
| PK   | 908.82M   | 35.52          | 46.00          | -10.48      | 3.17        | 3        | Horizontal | 0           | 1.00       | -       | 32.35      | 25.72   | 4.82    | 27.37   |





### 802.11ax HEW40\_Nss1,(MCS0)\_4TX

### 2437MHz\_PoE

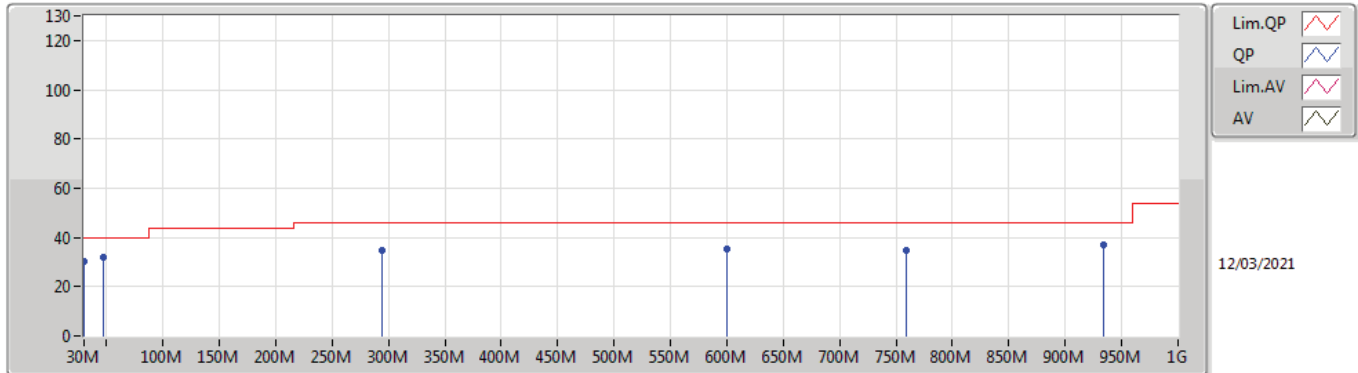


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| PK   | 30M          | 36.91             | 40.00             | -3.09          | -3.19          | 3           | Vertical  | 360            | 1.00          | -       | 40.10         | 23.32      | 0.70       | 27.21      |
| PK   | 47.46M       | 31.35             | 40.00             | -8.65          | -12.65         | 3           | Vertical  | 360            | 1.00          | -       | 44.00         | 14.05      | 0.95       | 27.65      |
| PK   | 183.26M      | 32.95             | 43.50             | -10.55         | -11.10         | 3           | Vertical  | 360            | 1.00          | -       | 44.05         | 14.30      | 2.02       | 27.42      |
| PK   | 336.52M      | 34.20             | 46.00             | -11.80         | -5.47          | 3           | Vertical  | 360            | 1.00          | -       | 39.67         | 19.02      | 2.75       | 27.24      |
| PK   | 600.36M      | 38.28             | 46.00             | -7.72          | -0.55          | 3           | Vertical  | 360            | 1.00          | -       | 38.83         | 23.97      | 3.80       | 28.32      |
| PK   | 885.54M      | 41.66             | 46.00             | -4.34          | 2.86           | 3           | Vertical  | 360            | 1.00          | -       | 38.80         | 25.58      | 4.74       | 27.46      |



### 802.11ax HEW40\_Nss1,(MCS0)\_4TX

### 2437MHz\_PoE



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| PK   | 47.46M    | 31.92          | 40.00          | -8.08       | -12.65      | 3        | Horizontal | 0           | 1.00       | -       | 44.57      | 14.05   | 0.95    | 27.65   |
| PK   | 293.84M   | 34.70          | 46.00          | -11.30      | -6.18       | 3        | Horizontal | 0           | 1.00       | -       | 40.88      | 18.28   | 2.58    | 27.04   |
| PK   | 600.36M   | 35.23          | 46.00          | -10.77      | -0.55       | 3        | Horizontal | 0           | 1.00       | -       | 35.78      | 23.97   | 3.80    | 28.32   |
| PK   | 759.44M   | 34.48          | 46.00          | -11.52      | 1.35        | 3        | Horizontal | 0           | 1.00       | -       | 33.13      | 24.97   | 4.34    | 27.96   |
| PK   | 934.04M   | 37.06          | 46.00          | -8.94       | 3.41        | 3        | Horizontal | 0           | 1.00       | -       | 33.65      | 25.84   | 4.87    | 27.30   |
| QP   | 30M       | 30.37          | 40.00          | -9.63       | -3.19       | 3        | Horizontal | 66          | 1.16       | -       | 33.56      | 23.32   | 0.70    | 27.21   |



Summary

| Mode                           | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comments |
|--------------------------------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|----------|
| 2.4-2.4835GHz                  | -      | -    | -         | -              | -              | -           | -        | -          | -           | -          | -        |
| 802.11b_Nss1,(1Mbps)_4TX       | Pass   | AV   | 2.4835G   | 52.09          | 54.00          | -1.91       | 3        | Horizontal | 309         | 2.12       | -        |
| 802.11g_Nss1,(6Mbps)_4TX       | Pass   | AV   | 2.39G     | 53.24          | 54.00          | -0.76       | 3        | Horizontal | 73          | 2.38       | -        |
| 802.11ax HEW20_Nss1,(MCS0)_4TX | Pass   | AV   | 2.39G     | 53.23          | 54.00          | -0.77       | 3        | Horizontal | 69          | 2.62       | -        |
| 802.11ax HEW40_Nss1,(MCS0)_4TX | Pass   | AV   | 2.4852G   | 53.38          | 54.00          | -0.62       | 3        | Horizontal | 320         | 2.86       | -        |



Result

| Mode                     | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comments |
|--------------------------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|----------|
| 802.11b_Nss1,(1Mbps)_4TX | -      | -    | -         | -              | -              | -           | -        | -          | -           | -          | -        |
| 2412MHz                  | Pass   | AV   | 2.39G     | 47.64          | 54.00          | -6.36       | 3        | Vertical   | 360         | 2.66       | -        |
| 2412MHz                  | Pass   | AV   | 2.4112G   | 111.13         | Inf            | -Inf        | 3        | Vertical   | 360         | 2.66       | -        |
| 2412MHz                  | Pass   | PK   | 2.368G    | 57.18          | 74.00          | -16.82      | 3        | Vertical   | 360         | 2.66       | -        |
| 2412MHz                  | Pass   | PK   | 2.411G    | 114.62         | Inf            | -Inf        | 3        | Vertical   | 360         | 2.66       | -        |
| 2412MHz                  | Pass   | AV   | 2.39G     | 49.96          | 54.00          | -4.04       | 3        | Horizontal | 75          | 2.39       | -        |
| 2412MHz                  | Pass   | AV   | 2.4128G   | 115.21         | Inf            | -Inf        | 3        | Horizontal | 75          | 2.39       | -        |
| 2412MHz                  | Pass   | PK   | 2.3894G   | 59.06          | 74.00          | -14.94      | 3        | Horizontal | 75          | 2.39       | -        |
| 2412MHz                  | Pass   | PK   | 2.413G    | 118.75         | Inf            | -Inf        | 3        | Horizontal | 75          | 2.39       | -        |
| 2412MHz                  | Pass   | AV   | 4.82396G  | 43.19          | 54.00          | -10.81      | 3        | Vertical   | 330         | 2.87       | -        |
| 2412MHz                  | Pass   | AV   | 12.05846G | 47.87          | 54.00          | -6.13       | 3        | Vertical   | 82          | 1.49       | -        |
| 2412MHz                  | Pass   | PK   | 4.82394G  | 47.08          | 74.00          | -26.92      | 3        | Vertical   | 330         | 2.87       | -        |
| 2412MHz                  | Pass   | PK   | 12.0615G  | 57.41          | 74.00          | -16.59      | 3        | Vertical   | 82          | 1.49       | -        |
| 2412MHz                  | Pass   | AV   | 4.82401G  | 39.26          | 54.00          | -14.74      | 3        | Horizontal | 74          | 2.93       | -        |
| 2412MHz                  | Pass   | AV   | 12.06152G | 49.19          | 54.00          | -4.81       | 3        | Horizontal | 88          | 1.50       | -        |
| 2412MHz                  | Pass   | PK   | 4.82404G  | 45.24          | 74.00          | -28.76      | 3        | Horizontal | 74          | 2.93       | -        |
| 2412MHz                  | Pass   | PK   | 12.06134G | 57.83          | 74.00          | -16.17      | 3        | Horizontal | 88          | 1.50       | -        |
| 2437MHz                  | Pass   | AV   | 2.3426G   | 46.50          | 54.00          | -7.50       | 3        | Vertical   | 39          | 2.82       | -        |
| 2437MHz                  | Pass   | AV   | 2.4378G   | 110.29         | Inf            | -Inf        | 3        | Vertical   | 39          | 2.82       | -        |
| 2437MHz                  | Pass   | AV   | 2.489G    | 46.40          | 54.00          | -7.60       | 3        | Vertical   | 39          | 2.82       | -        |
| 2437MHz                  | Pass   | PK   | 2.381G    | 57.54          | 74.00          | -16.46      | 3        | Vertical   | 39          | 2.82       | -        |
| 2437MHz                  | Pass   | PK   | 2.4378G   | 114.00         | Inf            | -Inf        | 3        | Vertical   | 39          | 2.82       | -        |
| 2437MHz                  | Pass   | PK   | 2.4934G   | 56.39          | 74.00          | -17.61      | 3        | Vertical   | 39          | 2.82       | -        |
| 2437MHz                  | Pass   | AV   | 2.3478G   | 46.41          | 54.00          | -7.59       | 3        | Horizontal | 310         | 2.15       | -        |
| 2437MHz                  | Pass   | AV   | 2.4366G   | 110.66         | Inf            | -Inf        | 3        | Horizontal | 310         | 2.15       | -        |
| 2437MHz                  | Pass   | AV   | 2.4862G   | 46.28          | 54.00          | -7.72       | 3        | Horizontal | 310         | 2.15       | -        |
| 2437MHz                  | Pass   | PK   | 2.3506G   | 57.39          | 74.00          | -16.61      | 3        | Horizontal | 310         | 2.15       | -        |
| 2437MHz                  | Pass   | PK   | 2.4378G   | 114.38         | Inf            | -Inf        | 3        | Horizontal | 310         | 2.15       | -        |
| 2437MHz                  | Pass   | PK   | 2.4966G   | 57.14          | 74.00          | -16.86      | 3        | Horizontal | 310         | 2.15       | -        |
| 2437MHz                  | Pass   | AV   | 4.87394G  | 46.19          | 54.00          | -7.81       | 3        | Vertical   | 354         | 1.29       | -        |
| 2437MHz                  | Pass   | AV   | 7.31242G  | 40.03          | 54.00          | -13.97      | 3        | Vertical   | 358         | 1.50       | -        |
| 2437MHz                  | Pass   | AV   | 12.18664G | 51.01          | 54.00          | -2.99       | 3        | Vertical   | 87          | 1.84       | -        |
| 2437MHz                  | Pass   | PK   | 4.87394G  | 49.58          | 74.00          | -24.42      | 3        | Vertical   | 354         | 1.29       | -        |
| 2437MHz                  | Pass   | PK   | 7.3099G   | 50.18          | 74.00          | -23.82      | 3        | Vertical   | 358         | 1.50       | -        |
| 2437MHz                  | Pass   | PK   | 12.18336G | 58.80          | 74.00          | -15.20      | 3        | Vertical   | 87          | 1.84       | -        |
| 2437MHz                  | Pass   | AV   | 4.87398G  | 45.29          | 54.00          | -8.71       | 3        | Horizontal | 36          | 1.49       | -        |
| 2437MHz                  | Pass   | AV   | 7.31264G  | 41.74          | 54.00          | -12.26      | 3        | Horizontal | 311         | 1.63       | -        |
| 2437MHz                  | Pass   | AV   | 12.18664G | 49.04          | 54.00          | -4.96       | 3        | Horizontal | 91          | 1.89       | -        |
| 2437MHz                  | Pass   | PK   | 4.87396G  | 49.50          | 74.00          | -24.50      | 3        | Horizontal | 36          | 1.49       | -        |
| 2437MHz                  | Pass   | PK   | 7.30958G  | 51.61          | 74.00          | -22.39      | 3        | Horizontal | 311         | 1.63       | -        |
| 2437MHz                  | Pass   | PK   | 12.18388G | 57.98          | 74.00          | -16.02      | 3        | Horizontal | 91          | 1.89       | -        |
| 2462MHz                  | Pass   | AV   | 2.4628G   | 113.13         | Inf            | -Inf        | 3        | Vertical   | 40          | 2.74       | -        |
| 2462MHz                  | Pass   | AV   | 2.4835G   | 50.92          | 54.00          | -3.08       | 3        | Vertical   | 40          | 2.74       | -        |
| 2462MHz                  | Pass   | PK   | 2.463G    | 116.20         | Inf            | -Inf        | 3        | Vertical   | 40          | 2.74       | -        |
| 2462MHz                  | Pass   | PK   | 2.4836G   | 59.57          | 74.00          | -14.43      | 3        | Vertical   | 40          | 2.74       | -        |
| 2462MHz                  | Pass   | AV   | 2.4614G   | 111.08         | Inf            | -Inf        | 3        | Horizontal | 309         | 2.12       | -        |
| 2462MHz                  | Pass   | AV   | 2.4835G   | 52.09          | 54.00          | -1.91       | 3        | Horizontal | 309         | 2.12       | -        |
| 2462MHz                  | Pass   | PK   | 2.463G    | 114.64         | Inf            | -Inf        | 3        | Horizontal | 309         | 2.12       | -        |
| 2462MHz                  | Pass   | PK   | 2.4835G   | 59.73          | 74.00          | -14.27      | 3        | Horizontal | 309         | 2.12       | -        |
| 2462MHz                  | Pass   | AV   | 4.92404G  | 43.39          | 54.00          | -10.61      | 3        | Vertical   | 354         | 1.20       | -        |
| 2462MHz                  | Pass   | AV   | 7.38448G  | 38.91          | 54.00          | -15.09      | 3        | Vertical   | 79          | 1.50       | -        |
| 2462MHz                  | Pass   | AV   | 12.30868G | 45.86          | 54.00          | -8.14       | 3        | Vertical   | 296         | 1.57       | -        |
| 2462MHz                  | Pass   | PK   | 4.924G    | 47.50          | 74.00          | -26.50      | 3        | Vertical   | 354         | 1.20       | -        |
| 2462MHz                  | Pass   | PK   | 7.38764G  | 49.74          | 74.00          | -24.26      | 3        | Vertical   | 79          | 1.50       | -        |
| 2462MHz                  | Pass   | PK   | 12.3086G  | 56.46          | 74.00          | -17.54      | 3        | Vertical   | 296         | 1.57       | -        |
| 2462MHz                  | Pass   | AV   | 4.924G    | 42.53          | 54.00          | -11.47      | 3        | Horizontal | 33          | 1.46       | -        |
| 2462MHz                  | Pass   | AV   | 7.38452G  | 39.47          | 54.00          | -14.53      | 3        | Horizontal | 60          | 1.50       | -        |
| 2462MHz                  | Pass   | AV   | 12.3088G  | 49.18          | 54.00          | -4.82       | 3        | Horizontal | 88          | 1.50       | -        |
| 2462MHz                  | Pass   | PK   | 4.92392G  | 47.03          | 74.00          | -26.97      | 3        | Horizontal | 33          | 1.46       | -        |
| 2462MHz                  | Pass   | PK   | 7.3874G   | 49.98          | 74.00          | -24.02      | 3        | Horizontal | 60          | 1.50       | -        |
| 2462MHz                  | Pass   | PK   | 12.30904G | 58.86          | 74.00          | -15.14      | 3        | Horizontal | 88          | 1.50       | -        |



RSE TX above 1GHz\_Non-Beamforming\_Radio2

Appendix F.2

| Mode                     | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comments |
|--------------------------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|----------|
| 802.11g_Nss1,(6Mbps)_4TX | -      | -    | -         | -              | -              | -           | -        | -          | -           | -          | -        |
| 2412MHz                  | Pass   | AV   | 2.39G     | 52.82          | 54.00          | -1.18       | 3        | Vertical   | 15          | 2.67       | -        |
| 2412MHz                  | Pass   | AV   | 2.41G     | 102.81         | Inf            | -Inf        | 3        | Vertical   | 15          | 2.67       | -        |
| 2412MHz                  | Pass   | PK   | 2.39G     | 67.03          | 74.00          | -6.97       | 3        | Vertical   | 15          | 2.67       | -        |
| 2412MHz                  | Pass   | PK   | 2.4102G   | 112.31         | Inf            | -Inf        | 3        | Vertical   | 15          | 2.67       | -        |
| 2412MHz                  | Pass   | AV   | 2.3882G   | 48.57          | 54.00          | -5.43       | 3        | Horizontal | 64          | 1.52       | -        |
| 2412MHz                  | Pass   | AV   | 2.4154G   | 106.67         | Inf            | -Inf        | 3        | Horizontal | 64          | 1.52       | -        |
| 2412MHz                  | Pass   | PK   | 2.3884G   | 61.13          | 74.00          | -12.87      | 3        | Horizontal | 64          | 1.52       | -        |
| 2412MHz                  | Pass   | PK   | 2.4146G   | 116.63         | Inf            | -Inf        | 3        | Horizontal | 64          | 1.52       | -        |
| 2412MHz                  | Pass   | AV   | 4.824G    | 39.05          | 54.00          | -14.95      | 3        | Vertical   | 332         | 1.54       | -        |
| 2412MHz                  | Pass   | AV   | 12.05116G | 41.56          | 54.00          | -12.44      | 3        | Vertical   | 315         | 2.39       | -        |
| 2412MHz                  | Pass   | PK   | 4.824G    | 46.20          | 74.00          | -27.80      | 3        | Vertical   | 332         | 1.54       | -        |
| 2412MHz                  | Pass   | PK   | 12.056G   | 54.43          | 74.00          | -19.57      | 3        | Vertical   | 315         | 2.39       | -        |
| 2412MHz                  | Pass   | AV   | 4.82394G  | 36.47          | 54.00          | -17.53      | 3        | Horizontal | 356         | 1.06       | -        |
| 2412MHz                  | Pass   | AV   | 12.05844G | 41.76          | 54.00          | -12.24      | 3        | Horizontal | 5           | 1.99       | -        |
| 2412MHz                  | Pass   | PK   | 4.82404G  | 44.65          | 74.00          | -29.35      | 3        | Horizontal | 356         | 1.06       | -        |
| 2412MHz                  | Pass   | PK   | 12.05992G | 55.80          | 74.00          | -18.20      | 3        | Horizontal | 5           | 1.99       | -        |
| 2417MHz                  | Pass   | AV   | 2.39G     | 51.31          | 54.00          | -2.69       | 3        | Vertical   | 15          | 2.68       | -        |
| 2417MHz                  | Pass   | AV   | 2.415G    | 106.67         | Inf            | -Inf        | 3        | Vertical   | 15          | 2.68       | -        |
| 2417MHz                  | Pass   | PK   | 2.3894G   | 64.11          | 74.00          | -9.89       | 3        | Vertical   | 15          | 2.68       | -        |
| 2417MHz                  | Pass   | PK   | 2.4152G   | 116.37         | Inf            | -Inf        | 3        | Vertical   | 15          | 2.68       | -        |
| 2417MHz                  | Pass   | AV   | 2.39G     | 53.24          | 54.00          | -0.76       | 3        | Horizontal | 73          | 2.38       | -        |
| 2417MHz                  | Pass   | AV   | 2.4182G   | 110.90         | Inf            | -Inf        | 3        | Horizontal | 73          | 2.38       | -        |
| 2417MHz                  | Pass   | PK   | 2.3894G   | 65.66          | 74.00          | -8.34       | 3        | Horizontal | 73          | 2.38       | -        |
| 2417MHz                  | Pass   | PK   | 2.4176G   | 120.14         | Inf            | -Inf        | 3        | Horizontal | 73          | 2.38       | -        |
| 2437MHz                  | Pass   | AV   | 2.3898G   | 46.42          | 54.00          | -7.58       | 3        | Vertical   | 25          | 2.75       | -        |
| 2437MHz                  | Pass   | AV   | 2.4402G   | 107.91         | Inf            | -Inf        | 3        | Vertical   | 25          | 2.75       | -        |
| 2437MHz                  | Pass   | AV   | 2.4835G   | 50.30          | 54.00          | -3.70       | 3        | Vertical   | 25          | 2.75       | -        |
| 2437MHz                  | Pass   | PK   | 2.3442G   | 57.46          | 74.00          | -16.54      | 3        | Vertical   | 25          | 2.75       | -        |
| 2437MHz                  | Pass   | PK   | 2.4394G   | 117.68         | Inf            | -Inf        | 3        | Vertical   | 25          | 2.75       | -        |
| 2437MHz                  | Pass   | PK   | 2.4835G   | 63.83          | 74.00          | -10.17      | 3        | Vertical   | 25          | 2.75       | -        |
| 2437MHz                  | Pass   | AV   | 2.3898G   | 47.90          | 54.00          | -6.10       | 3        | Horizontal | 64          | 2.87       | -        |
| 2437MHz                  | Pass   | AV   | 2.4302G   | 110.77         | Inf            | -Inf        | 3        | Horizontal | 64          | 2.87       | -        |
| 2437MHz                  | Pass   | AV   | 2.4835G   | 50.64          | 54.00          | -3.36       | 3        | Horizontal | 64          | 2.87       | -        |
| 2437MHz                  | Pass   | PK   | 2.3898G   | 60.01          | 74.00          | -13.99      | 3        | Horizontal | 64          | 2.87       | -        |
| 2437MHz                  | Pass   | PK   | 2.4298G   | 120.44         | Inf            | -Inf        | 3        | Horizontal | 64          | 2.87       | -        |
| 2437MHz                  | Pass   | PK   | 2.4886G   | 64.00          | 74.00          | -10.00      | 3        | Horizontal | 64          | 2.87       | -        |
| 2437MHz                  | Pass   | AV   | 4.87394G  | 38.37          | 54.00          | -15.63      | 3        | Vertical   | 337         | 1.35       | -        |
| 2437MHz                  | Pass   | AV   | 7.30758G  | 39.13          | 54.00          | -14.87      | 3        | Vertical   | 353         | 1.50       | -        |
| 2437MHz                  | Pass   | AV   | 12.1874G  | 44.58          | 54.00          | -9.42       | 3        | Vertical   | 85          | 1.88       | -        |
| 2437MHz                  | Pass   | PK   | 4.87412G  | 45.44          | 74.00          | -28.56      | 3        | Vertical   | 337         | 1.35       | -        |
| 2437MHz                  | Pass   | PK   | 7.30734G  | 52.20          | 74.00          | -21.80      | 3        | Vertical   | 353         | 1.50       | -        |
| 2437MHz                  | Pass   | PK   | 12.18818G | 58.13          | 74.00          | -15.87      | 3        | Vertical   | 85          | 1.88       | -        |
| 2437MHz                  | Pass   | AV   | 4.874G    | 34.82          | 54.00          | -19.18      | 3        | Horizontal | 34          | 1.35       | -        |
| 2437MHz                  | Pass   | AV   | 7.3131G   | 38.96          | 54.00          | -15.04      | 3        | Horizontal | 49          | 1.50       | -        |
| 2437MHz                  | Pass   | AV   | 12.19034G | 44.84          | 54.00          | -9.16       | 3        | Horizontal | 78          | 2.26       | -        |
| 2437MHz                  | Pass   | PK   | 4.8737G   | 45.30          | 74.00          | -28.70      | 3        | Horizontal | 34          | 1.35       | -        |
| 2437MHz                  | Pass   | PK   | 7.31166G  | 52.98          | 74.00          | -21.02      | 3        | Horizontal | 49          | 1.50       | -        |
| 2437MHz                  | Pass   | PK   | 12.19094G | 58.21          | 74.00          | -15.79      | 3        | Horizontal | 78          | 2.26       | -        |
| 2457MHz                  | Pass   | AV   | 2.456G    | 103.38         | Inf            | -Inf        | 3        | Vertical   | 43          | 3.00       | -        |
| 2457MHz                  | Pass   | AV   | 2.4835G   | 51.90          | 54.00          | -2.10       | 3        | Vertical   | 43          | 3.00       | -        |
| 2457MHz                  | Pass   | PK   | 2.4582G   | 113.06         | Inf            | -Inf        | 3        | Vertical   | 43          | 3.00       | -        |
| 2457MHz                  | Pass   | PK   | 2.4835G   | 69.07          | 74.00          | -4.93       | 3        | Vertical   | 43          | 3.00       | -        |
| 2457MHz                  | Pass   | AV   | 2.451G    | 108.64         | Inf            | -Inf        | 3        | Horizontal | 54          | 2.32       | -        |
| 2457MHz                  | Pass   | AV   | 2.4842G   | 51.42          | 54.00          | -2.58       | 3        | Horizontal | 54          | 2.32       | -        |
| 2457MHz                  | Pass   | PK   | 2.4508G   | 118.31         | Inf            | -Inf        | 3        | Horizontal | 54          | 2.32       | -        |
| 2457MHz                  | Pass   | PK   | 2.4892G   | 66.73          | 74.00          | -7.27       | 3        | Horizontal | 54          | 2.32       | -        |
| 2462MHz                  | Pass   | AV   | 2.4654G   | 102.80         | Inf            | -Inf        | 3        | Vertical   | 26          | 2.72       | -        |
| 2462MHz                  | Pass   | AV   | 2.4835G   | 50.25          | 54.00          | -3.75       | 3        | Vertical   | 26          | 2.72       | -        |
| 2462MHz                  | Pass   | PK   | 2.4646G   | 112.81         | Inf            | -Inf        | 3        | Vertical   | 26          | 2.72       | -        |
| 2462MHz                  | Pass   | PK   | 2.4878G   | 63.36          | 74.00          | -10.64      | 3        | Vertical   | 26          | 2.72       | -        |
| 2462MHz                  | Pass   | AV   | 2.4554G   | 107.10         | Inf            | -Inf        | 3        | Horizontal | 55          | 2.79       | -        |



RSE TX above 1GHz\_Non-Beamforming\_Radio2

Appendix F.2

| Mode                           | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comments |
|--------------------------------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|----------|
| 2462MHz                        | Pass   | AV   | 2.4835G   | 52.37          | 54.00          | -1.63       | 3        | Horizontal | 55          | 2.79       | -        |
| 2462MHz                        | Pass   | PK   | 2.4558G   | 116.75         | Inf            | -Inf        | 3        | Horizontal | 55          | 2.79       | -        |
| 2462MHz                        | Pass   | PK   | 2.4835G   | 65.88          | 74.00          | -8.12       | 3        | Horizontal | 55          | 2.79       | -        |
| 2462MHz                        | Pass   | AV   | 4.92402G  | 40.56          | 54.00          | -13.44      | 3        | Vertical   | 338         | 1.00       | -        |
| 2462MHz                        | Pass   | AV   | 7.37604G  | 35.49          | 54.00          | -18.51      | 3        | Vertical   | 184         | 1.80       | -        |
| 2462MHz                        | Pass   | AV   | 12.29632G | 42.21          | 54.00          | -11.79      | 3        | Vertical   | 232         | 1.02       | -        |
| 2462MHz                        | Pass   | PK   | 4.92404G  | 46.23          | 74.00          | -27.77      | 3        | Vertical   | 338         | 1.00       | -        |
| 2462MHz                        | Pass   | PK   | 7.39734G  | 48.75          | 74.00          | -25.25      | 3        | Vertical   | 184         | 1.80       | -        |
| 2462MHz                        | Pass   | PK   | 12.29728G | 55.57          | 74.00          | -18.43      | 3        | Vertical   | 232         | 1.02       | -        |
| 2462MHz                        | Pass   | AV   | 4.92396G  | 40.48          | 54.00          | -13.52      | 3        | Horizontal | 71          | 2.00       | -        |
| 2462MHz                        | Pass   | AV   | 7.37694G  | 35.59          | 54.00          | -18.41      | 3        | Horizontal | 89          | 1.79       | -        |
| 2462MHz                        | Pass   | AV   | 12.30592G | 42.21          | 54.00          | -11.79      | 3        | Horizontal | 46          | 2.12       | -        |
| 2462MHz                        | Pass   | PK   | 4.92406G  | 46.98          | 74.00          | -27.02      | 3        | Horizontal | 71          | 2.00       | -        |
| 2462MHz                        | Pass   | PK   | 7.39806G  | 48.76          | 74.00          | -25.24      | 3        | Horizontal | 89          | 1.79       | -        |
| 2462MHz                        | Pass   | PK   | 12.29842G | 54.88          | 74.00          | -19.12      | 3        | Horizontal | 46          | 2.12       | -        |
| 802.11ax HEW20_Nss1,(MCS0)_4TX | -      | -    | -         | -              | -              | -           | -        | -          | -           | -          | -        |
| 2412MHz                        | Pass   | AV   | 2.39G     | 46.64          | 54.00          | -7.36       | 3        | Vertical   | 340         | 2.69       | -        |
| 2412MHz                        | Pass   | AV   | 2.4178G   | 100.81         | Inf            | -Inf        | 3        | Vertical   | 340         | 2.69       | -        |
| 2412MHz                        | Pass   | PK   | 2.39G     | 58.32          | 74.00          | -15.68      | 3        | Vertical   | 340         | 2.69       | -        |
| 2412MHz                        | Pass   | PK   | 2.417G    | 113.71         | Inf            | -Inf        | 3        | Vertical   | 340         | 2.69       | -        |
| 2412MHz                        | Pass   | AV   | 2.39G     | 53.23          | 54.00          | -0.77       | 3        | Horizontal | 69          | 2.62       | -        |
| 2412MHz                        | Pass   | AV   | 2.413G    | 104.52         | Inf            | -Inf        | 3        | Horizontal | 69          | 2.62       | -        |
| 2412MHz                        | Pass   | PK   | 2.39G     | 66.98          | 74.00          | -7.02       | 3        | Horizontal | 69          | 2.62       | -        |
| 2412MHz                        | Pass   | PK   | 2.413G    | 117.91         | Inf            | -Inf        | 3        | Horizontal | 69          | 2.62       | -        |
| 2412MHz                        | Pass   | AV   | 4.82396G  | 38.71          | 54.00          | -15.29      | 3        | Vertical   | 332         | 1.53       | -        |
| 2412MHz                        | Pass   | AV   | 12.06916G | 41.20          | 54.00          | -12.80      | 3        | Vertical   | 288         | 2.12       | -        |
| 2412MHz                        | Pass   | PK   | 4.82396G  | 45.17          | 74.00          | -28.83      | 3        | Vertical   | 332         | 1.53       | -        |
| 2412MHz                        | Pass   | PK   | 12.069G   | 54.78          | 74.00          | -19.22      | 3        | Vertical   | 288         | 2.12       | -        |
| 2412MHz                        | Pass   | AV   | 4.82396G  | 35.81          | 54.00          | -18.19      | 3        | Horizontal | 358         | 1.00       | -        |
| 2412MHz                        | Pass   | AV   | 12.06528G | 41.36          | 54.00          | -12.64      | 3        | Horizontal | 71          | 1.36       | -        |
| 2412MHz                        | Pass   | PK   | 4.82416G  | 44.78          | 74.00          | -29.22      | 3        | Horizontal | 358         | 1.00       | -        |
| 2412MHz                        | Pass   | PK   | 12.05204G | 54.84          | 74.00          | -19.16      | 3        | Horizontal | 71          | 1.36       | -        |
| 2417MHz                        | Pass   | AV   | 2.39G     | 48.38          | 54.00          | -5.62       | 3        | Vertical   | 340         | 2.68       | -        |
| 2417MHz                        | Pass   | AV   | 2.4222G   | 102.78         | Inf            | -Inf        | 3        | Vertical   | 340         | 2.68       | -        |
| 2417MHz                        | Pass   | PK   | 2.39G     | 61.40          | 74.00          | -12.60      | 3        | Vertical   | 340         | 2.68       | -        |
| 2417MHz                        | Pass   | PK   | 2.4224G   | 114.96         | Inf            | -Inf        | 3        | Vertical   | 340         | 2.68       | -        |
| 2417MHz                        | Pass   | AV   | 2.39G     | 52.56          | 54.00          | -1.44       | 3        | Horizontal | 333         | 2.95       | -        |
| 2417MHz                        | Pass   | AV   | 2.4224G   | 105.38         | Inf            | -Inf        | 3        | Horizontal | 333         | 2.95       | -        |
| 2417MHz                        | Pass   | PK   | 2.39G     | 65.95          | 74.00          | -8.05       | 3        | Horizontal | 333         | 2.95       | -        |
| 2417MHz                        | Pass   | PK   | 2.4234G   | 118.61         | Inf            | -Inf        | 3        | Horizontal | 333         | 2.95       | -        |
| 2437MHz                        | Pass   | AV   | 2.3898G   | 49.30          | 54.00          | -4.70       | 3        | Vertical   | 23          | 2.64       | -        |
| 2437MHz                        | Pass   | AV   | 2.4286G   | 104.84         | Inf            | -Inf        | 3        | Vertical   | 23          | 2.64       | -        |
| 2437MHz                        | Pass   | AV   | 2.4878G   | 48.75          | 54.00          | -5.25       | 3        | Vertical   | 23          | 2.64       | -        |
| 2437MHz                        | Pass   | PK   | 2.3898G   | 63.19          | 74.00          | -10.81      | 3        | Vertical   | 23          | 2.64       | -        |
| 2437MHz                        | Pass   | PK   | 2.4286G   | 117.06         | Inf            | -Inf        | 3        | Vertical   | 23          | 2.64       | -        |
| 2437MHz                        | Pass   | PK   | 2.4886G   | 63.73          | 74.00          | -10.27      | 3        | Vertical   | 23          | 2.64       | -        |
| 2437MHz                        | Pass   | AV   | 2.3898G   | 51.96          | 54.00          | -2.04       | 3        | Horizontal | 311         | 2.88       | -        |
| 2437MHz                        | Pass   | AV   | 2.4306G   | 109.96         | Inf            | -Inf        | 3        | Horizontal | 311         | 2.88       | -        |
| 2437MHz                        | Pass   | AV   | 2.4835G   | 52.44          | 54.00          | -1.56       | 3        | Horizontal | 311         | 2.88       | -        |
| 2437MHz                        | Pass   | PK   | 2.3898G   | 66.58          | 74.00          | -7.42       | 3        | Horizontal | 311         | 2.88       | -        |
| 2437MHz                        | Pass   | PK   | 2.4318G   | 123.22         | Inf            | -Inf        | 3        | Horizontal | 311         | 2.88       | -        |
| 2437MHz                        | Pass   | PK   | 2.4842G   | 67.61          | 74.00          | -6.39       | 3        | Horizontal | 311         | 2.88       | -        |
| 2437MHz                        | Pass   | AV   | 4.874G    | 38.21          | 54.00          | -15.79      | 3        | Vertical   | 337         | 1.42       | -        |
| 2437MHz                        | Pass   | AV   | 7.31514G  | 37.85          | 54.00          | -16.15      | 3        | Vertical   | 357         | 1.50       | -        |
| 2437MHz                        | Pass   | AV   | 12.18596G | 43.81          | 54.00          | -10.19      | 3        | Vertical   | 84          | 2.97       | -        |
| 2437MHz                        | Pass   | PK   | 4.87394G  | 46.84          | 74.00          | -27.16      | 3        | Vertical   | 337         | 1.42       | -        |
| 2437MHz                        | Pass   | PK   | 7.3188G   | 52.95          | 74.00          | -21.05      | 3        | Vertical   | 357         | 1.50       | -        |
| 2437MHz                        | Pass   | PK   | 12.18548G | 57.67          | 74.00          | -16.33      | 3        | Vertical   | 84          | 2.97       | -        |
| 2437MHz                        | Pass   | AV   | 4.874G    | 35.35          | 54.00          | -18.65      | 3        | Horizontal | 333         | 2.47       | -        |
| 2437MHz                        | Pass   | AV   | 7.3068G   | 40.10          | 54.00          | -13.90      | 3        | Horizontal | 316         | 1.35       | -        |
| 2437MHz                        | Pass   | AV   | 12.18218G | 43.37          | 54.00          | -10.63      | 3        | Horizontal | 93          | 1.40       | -        |
| 2437MHz                        | Pass   | PK   | 4.87454G  | 48.01          | 74.00          | -25.99      | 3        | Horizontal | 333         | 2.47       | -        |



RSE TX above 1GHz\_Non-Beamforming\_Radio2

Appendix F.2

| Mode                          | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comments |
|-------------------------------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|----------|
| 2437MHz                       | Pass   | PK   | 7.30638G  | 56.67          | 74.00          | -17.33      | 3        | Horizontal | 316         | 1.35       | -        |
| 2437MHz                       | Pass   | PK   | 12.18398G | 57.77          | 74.00          | -16.23      | 3        | Horizontal | 93          | 1.40       | -        |
| 2457MHz                       | Pass   | AV   | 2.4558G   | 102.62         | Inf            | -Inf        | 3        | Vertical   | 48          | 2.82       | -        |
| 2457MHz                       | Pass   | AV   | 2.4835G   | 53.23          | 54.00          | -0.77       | 3        | Vertical   | 48          | 2.82       | -        |
| 2457MHz                       | Pass   | PK   | 2.455G    | 115.86         | Inf            | -Inf        | 3        | Vertical   | 48          | 2.82       | -        |
| 2457MHz                       | Pass   | PK   | 2.4836G   | 67.61          | 74.00          | -6.39       | 3        | Vertical   | 48          | 2.82       | -        |
| 2457MHz                       | Pass   | AV   | 2.451G    | 107.91         | Inf            | -Inf        | 3        | Horizontal | 314         | 2.83       | -        |
| 2457MHz                       | Pass   | AV   | 2.4896G   | 53.21          | 54.00          | -0.79       | 3        | Horizontal | 314         | 2.83       | -        |
| 2457MHz                       | Pass   | PK   | 2.4518G   | 121.25         | Inf            | -Inf        | 3        | Horizontal | 314         | 2.83       | -        |
| 2457MHz                       | Pass   | PK   | 2.4894G   | 68.99          | 74.00          | -5.01       | 3        | Horizontal | 314         | 2.83       | -        |
| 2462MHz                       | Pass   | AV   | 2.4606G   | 101.84         | Inf            | -Inf        | 3        | Vertical   | 41          | 2.73       | -        |
| 2462MHz                       | Pass   | AV   | 2.4835G   | 51.65          | 54.00          | -2.35       | 3        | Vertical   | 41          | 2.73       | -        |
| 2462MHz                       | Pass   | PK   | 2.461G    | 115.44         | Inf            | -Inf        | 3        | Vertical   | 41          | 2.73       | -        |
| 2462MHz                       | Pass   | PK   | 2.4835G   | 66.70          | 74.00          | -7.30       | 3        | Vertical   | 41          | 2.73       | -        |
| 2462MHz                       | Pass   | AV   | 2.4556G   | 106.37         | Inf            | -Inf        | 3        | Horizontal | 314         | 2.84       | -        |
| 2462MHz                       | Pass   | AV   | 2.4835G   | 48.43          | 54.00          | -5.57       | 3        | Horizontal | 314         | 2.84       | -        |
| 2462MHz                       | Pass   | PK   | 2.4556G   | 119.07         | Inf            | -Inf        | 3        | Horizontal | 314         | 2.84       | -        |
| 2462MHz                       | Pass   | PK   | 2.4878G   | 62.74          | 74.00          | -11.26      | 3        | Horizontal | 314         | 2.84       | -        |
| 2462MHz                       | Pass   | AV   | 4.924G    | 39.39          | 54.00          | -14.61      | 3        | Vertical   | 47          | 1.33       | -        |
| 2462MHz                       | Pass   | AV   | 7.37796G  | 35.05          | 54.00          | -18.95      | 3        | Vertical   | 111         | 1.61       | -        |
| 2462MHz                       | Pass   | AV   | 12.3037G  | 41.59          | 54.00          | -12.41      | 3        | Vertical   | 261         | 1.30       | -        |
| 2462MHz                       | Pass   | PK   | 4.924G    | 45.73          | 74.00          | -28.27      | 3        | Vertical   | 47          | 1.33       | -        |
| 2462MHz                       | Pass   | PK   | 7.39614G  | 48.69          | 74.00          | -25.31      | 3        | Vertical   | 111         | 1.61       | -        |
| 2462MHz                       | Pass   | PK   | 12.3064G  | 55.24          | 74.00          | -18.76      | 3        | Vertical   | 261         | 1.30       | -        |
| 2462MHz                       | Pass   | AV   | 4.92394G  | 39.41          | 54.00          | -14.59      | 3        | Horizontal | 75          | 1.91       | -        |
| 2462MHz                       | Pass   | AV   | 7.37574G  | 35.06          | 54.00          | -18.94      | 3        | Horizontal | 7           | 2.06       | -        |
| 2462MHz                       | Pass   | AV   | 12.2977G  | 41.61          | 54.00          | -12.39      | 3        | Horizontal | 313         | 1.44       | -        |
| 2462MHz                       | Pass   | PK   | 4.924G    | 45.96          | 74.00          | -28.04      | 3        | Horizontal | 75          | 1.91       | -        |
| 2462MHz                       | Pass   | PK   | 7.38696G  | 48.45          | 74.00          | -25.55      | 3        | Horizontal | 7           | 2.06       | -        |
| 2462MHz                       | Pass   | PK   | 12.29662G | 55.55          | 74.00          | -18.45      | 3        | Horizontal | 313         | 1.44       | -        |
| 802.11ax HEW40_Nss1(MCS0)_4TX | -      | -    | -         | -              | -              | -           | -        | -          | -           | -          | -        |
| 2422MHz                       | Pass   | AV   | 2.3896G   | 48.18          | 54.00          | -5.82       | 3        | Vertical   | 39          | 3.00       | -        |
| 2422MHz                       | Pass   | AV   | 2.426G    | 100.35         | Inf            | -Inf        | 3        | Vertical   | 39          | 3.00       | -        |
| 2422MHz                       | Pass   | AV   | 2.4868G   | 47.45          | 54.00          | -6.55       | 3        | Vertical   | 39          | 3.00       | -        |
| 2422MHz                       | Pass   | PK   | 2.3892G   | 63.70          | 74.00          | -10.30      | 3        | Vertical   | 39          | 3.00       | -        |
| 2422MHz                       | Pass   | PK   | 2.4264G   | 113.12         | Inf            | -Inf        | 3        | Vertical   | 39          | 3.00       | -        |
| 2422MHz                       | Pass   | PK   | 2.4884G   | 60.58          | 74.00          | -13.42      | 3        | Vertical   | 39          | 3.00       | -        |
| 2422MHz                       | Pass   | AV   | 2.39G     | 52.54          | 54.00          | -1.46       | 3        | Horizontal | 68          | 1.00       | -        |
| 2422MHz                       | Pass   | AV   | 2.4332G   | 104.50         | Inf            | -Inf        | 3        | Horizontal | 68          | 1.00       | -        |
| 2422MHz                       | Pass   | AV   | 2.4916G   | 47.03          | 54.00          | -6.97       | 3        | Horizontal | 68          | 1.00       | -        |
| 2422MHz                       | Pass   | PK   | 2.39G     | 69.50          | 74.00          | -4.50       | 3        | Horizontal | 68          | 1.00       | -        |
| 2422MHz                       | Pass   | PK   | 2.4332G   | 116.80         | Inf            | -Inf        | 3        | Horizontal | 68          | 1.00       | -        |
| 2422MHz                       | Pass   | PK   | 2.4916G   | 60.51          | 74.00          | -13.49      | 3        | Horizontal | 68          | 1.00       | -        |
| 2422MHz                       | Pass   | AV   | 4.84399G  | 37.58          | 54.00          | -16.42      | 3        | Vertical   | 336         | 1.50       | -        |
| 2422MHz                       | Pass   | AV   | 7.26718G  | 35.78          | 54.00          | -18.22      | 3        | Vertical   | 322         | 2.39       | -        |
| 2422MHz                       | Pass   | AV   | 12.10909G | 41.64          | 54.00          | -12.36      | 3        | Vertical   | 121         | 1.93       | -        |
| 2422MHz                       | Pass   | PK   | 4.84415G  | 45.88          | 74.00          | -28.12      | 3        | Vertical   | 336         | 1.50       | -        |
| 2422MHz                       | Pass   | PK   | 7.26738G  | 49.60          | 74.00          | -24.40      | 3        | Vertical   | 322         | 2.39       | -        |
| 2422MHz                       | Pass   | PK   | 12.11002G | 55.24          | 74.00          | -18.76      | 3        | Vertical   | 121         | 1.93       | -        |
| 2422MHz                       | Pass   | AV   | 4.84396G  | 36.05          | 54.00          | -17.95      | 3        | Horizontal | 360         | 1.29       | -        |
| 2422MHz                       | Pass   | AV   | 7.26766G  | 35.67          | 54.00          | -18.33      | 3        | Horizontal | 123         | 1.48       | -        |
| 2422MHz                       | Pass   | AV   | 12.10845G | 41.43          | 54.00          | -12.57      | 3        | Horizontal | 35          | 1.60       | -        |
| 2422MHz                       | Pass   | PK   | 4.84411G  | 45.33          | 74.00          | -28.67      | 3        | Horizontal | 360         | 1.29       | -        |
| 2422MHz                       | Pass   | PK   | 7.26397G  | 50.51          | 74.00          | -23.49      | 3        | Horizontal | 123         | 1.48       | -        |
| 2422MHz                       | Pass   | PK   | 12.11118G | 55.09          | 74.00          | -18.91      | 3        | Horizontal | 35          | 1.60       | -        |
| 2437MHz                       | Pass   | AV   | 2.3406G   | 46.12          | 54.00          | -7.88       | 3        | Vertical   | 38          | 2.81       | -        |
| 2437MHz                       | Pass   | AV   | 2.4426G   | 101.21         | Inf            | -Inf        | 3        | Vertical   | 38          | 2.81       | -        |
| 2437MHz                       | Pass   | AV   | 2.4835G   | 51.01          | 54.00          | -2.99       | 3        | Vertical   | 38          | 2.81       | -        |
| 2437MHz                       | Pass   | PK   | 2.3378G   | 58.26          | 74.00          | -15.74      | 3        | Vertical   | 38          | 2.81       | -        |
| 2437MHz                       | Pass   | PK   | 2.4426G   | 113.86         | Inf            | -Inf        | 3        | Vertical   | 38          | 2.81       | -        |
| 2437MHz                       | Pass   | PK   | 2.4838G   | 65.36          | 74.00          | -8.64       | 3        | Vertical   | 38          | 2.81       | -        |
| 2437MHz                       | Pass   | AV   | 2.3898G   | 49.61          | 54.00          | -4.39       | 3        | Horizontal | 69          | 1.00       | -        |



RSE TX above 1GHz\_Non-Beamforming\_Radio2

Appendix F.2

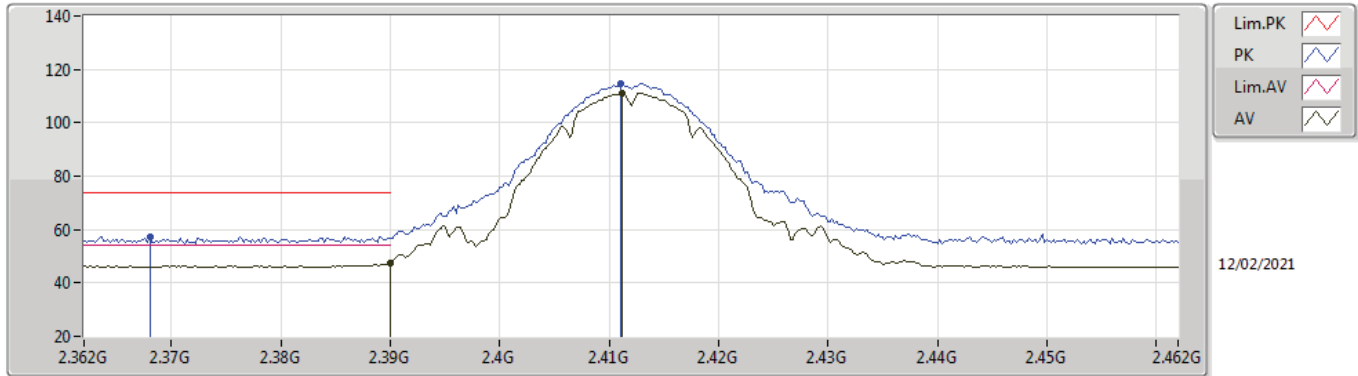
| Mode    | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comments |
|---------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|----------|
| 2437MHz | Pass   | AV   | 2.4282G   | 105.15         | Inf            | -Inf        | 3        | Horizontal | 69          | 1.00       | -        |
| 2437MHz | Pass   | AV   | 2.4874G   | 52.95          | 54.00          | -1.05       | 3        | Horizontal | 69          | 1.00       | -        |
| 2437MHz | Pass   | PK   | 2.389G    | 64.39          | 74.00          | -9.61       | 3        | Horizontal | 69          | 1.00       | -        |
| 2437MHz | Pass   | PK   | 2.4278G   | 118.09         | Inf            | -Inf        | 3        | Horizontal | 69          | 1.00       | -        |
| 2437MHz | Pass   | PK   | 2.4894G   | 69.83          | 74.00          | -4.17       | 3        | Horizontal | 69          | 1.00       | -        |
| 2437MHz | Pass   | AV   | 4.87395G  | 38.39          | 54.00          | -15.61      | 3        | Vertical   | 341         | 1.47       | -        |
| 2437MHz | Pass   | AV   | 7.30965G  | 35.28          | 54.00          | -18.72      | 3        | Vertical   | 350         | 1.36       | -        |
| 2437MHz | Pass   | AV   | 12.18587G | 41.53          | 54.00          | -12.47      | 3        | Vertical   | 27          | 2.49       | -        |
| 2437MHz | Pass   | PK   | 4.87393G  | 46.23          | 74.00          | -27.77      | 3        | Vertical   | 341         | 1.47       | -        |
| 2437MHz | Pass   | PK   | 7.31089G  | 48.55          | 74.00          | -25.45      | 3        | Vertical   | 350         | 1.36       | -        |
| 2437MHz | Pass   | PK   | 12.18588G | 55.40          | 74.00          | -18.60      | 3        | Vertical   | 27          | 2.49       | -        |
| 2437MHz | Pass   | AV   | 4.874G    | 35.47          | 54.00          | -18.53      | 3        | Horizontal | 360         | 1.14       | -        |
| 2437MHz | Pass   | AV   | 7.30957G  | 35.35          | 54.00          | -18.65      | 3        | Horizontal | 59          | 2.18       | -        |
| 2437MHz | Pass   | AV   | 12.18573G | 41.54          | 54.00          | -12.46      | 3        | Horizontal | 189         | 1.91       | -        |
| 2437MHz | Pass   | PK   | 4.87396G  | 44.89          | 74.00          | -29.11      | 3        | Horizontal | 360         | 1.14       | -        |
| 2437MHz | Pass   | PK   | 7.30952G  | 49.26          | 74.00          | -24.74      | 3        | Horizontal | 59          | 2.18       | -        |
| 2437MHz | Pass   | PK   | 12.1838G  | 55.92          | 74.00          | -18.08      | 3        | Horizontal | 189         | 1.91       | -        |
| 2452MHz | Pass   | AV   | 2.3524G   | 45.93          | 54.00          | -8.07       | 3        | Vertical   | 51          | 2.94       | -        |
| 2452MHz | Pass   | AV   | 2.4496G   | 98.30          | Inf            | -Inf        | 3        | Vertical   | 51          | 2.94       | -        |
| 2452MHz | Pass   | AV   | 2.4835G   | 48.72          | 54.00          | -5.28       | 3        | Vertical   | 51          | 2.94       | -        |
| 2452MHz | Pass   | PK   | 2.3884G   | 57.60          | 74.00          | -16.40      | 3        | Vertical   | 51          | 2.94       | -        |
| 2452MHz | Pass   | PK   | 2.45G     | 110.26         | Inf            | -Inf        | 3        | Vertical   | 51          | 2.94       | -        |
| 2452MHz | Pass   | PK   | 2.488G    | 63.70          | 74.00          | -10.30      | 3        | Vertical   | 51          | 2.94       | -        |
| 2452MHz | Pass   | AV   | 2.3524G   | 46.00          | 54.00          | -8.00       | 3        | Horizontal | 320         | 2.86       | -        |
| 2452MHz | Pass   | AV   | 2.446G    | 103.24         | Inf            | -Inf        | 3        | Horizontal | 320         | 2.86       | -        |
| 2452MHz | Pass   | AV   | 2.4852G   | 53.38          | 54.00          | -0.62       | 3        | Horizontal | 320         | 2.86       | -        |
| 2452MHz | Pass   | PK   | 2.3708G   | 58.00          | 74.00          | -16.00      | 3        | Horizontal | 320         | 2.86       | -        |
| 2452MHz | Pass   | PK   | 2.4464G   | 117.05         | Inf            | -Inf        | 3        | Horizontal | 320         | 2.86       | -        |
| 2452MHz | Pass   | PK   | 2.4868G   | 72.50          | 74.00          | -1.50       | 3        | Horizontal | 320         | 2.86       | -        |
| 2452MHz | Pass   | AV   | 4.90395G  | 39.36          | 54.00          | -14.64      | 3        | Vertical   | 342         | 1.27       | -        |
| 2452MHz | Pass   | AV   | 7.35541G  | 35.43          | 54.00          | -18.57      | 3        | Vertical   | 311         | 1.09       | -        |
| 2452MHz | Pass   | AV   | 12.26G    | 41.81          | 54.00          | -12.19      | 3        | Vertical   | 43          | 1.29       | -        |
| 2452MHz | Pass   | PK   | 4.9039G   | 45.78          | 74.00          | -28.22      | 3        | Vertical   | 342         | 1.27       | -        |
| 2452MHz | Pass   | PK   | 7.35718G  | 49.22          | 74.00          | -24.78      | 3        | Vertical   | 311         | 1.09       | -        |
| 2452MHz | Pass   | PK   | 12.25863G | 55.74          | 74.00          | -18.26      | 3        | Vertical   | 43          | 1.29       | -        |
| 2452MHz | Pass   | AV   | 4.90398G  | 39.42          | 54.00          | -14.58      | 3        | Horizontal | 74          | 2.03       | -        |
| 2452MHz | Pass   | AV   | 7.35607G  | 35.43          | 54.00          | -18.57      | 3        | Horizontal | 31          | 2.36       | -        |
| 2452MHz | Pass   | AV   | 12.25885G | 41.76          | 54.00          | -12.24      | 3        | Horizontal | 300         | 1.74       | -        |
| 2452MHz | Pass   | PK   | 4.90381G  | 46.12          | 74.00          | -27.88      | 3        | Horizontal | 74          | 2.03       | -        |
| 2452MHz | Pass   | PK   | 7.35596G  | 49.01          | 74.00          | -24.99      | 3        | Horizontal | 31          | 2.36       | -        |
| 2452MHz | Pass   | PK   | 12.25939G | 56.03          | 74.00          | -17.97      | 3        | Horizontal | 300         | 1.74       | -        |





802.11b\_Nss1,(1Mbps)\_4TX

2412MHz\_TX

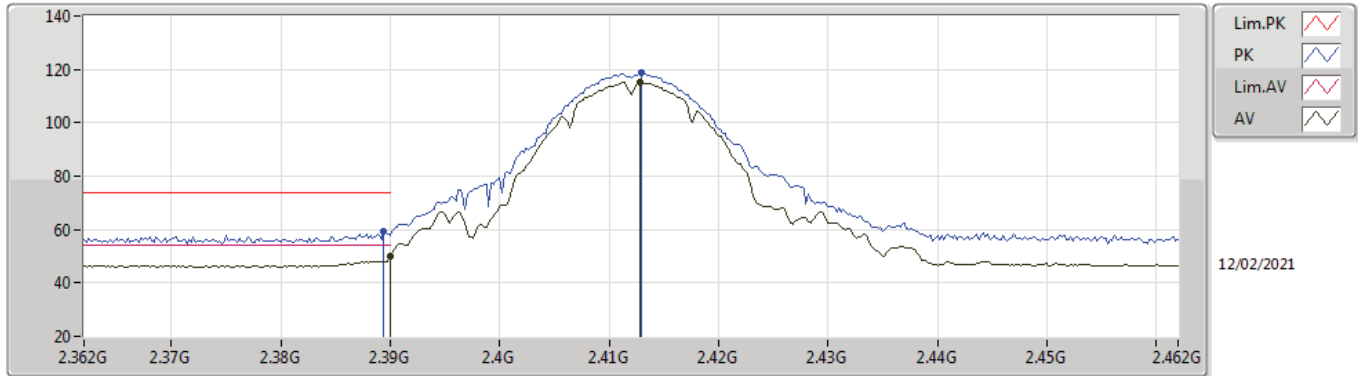


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.39G     | 47.64          | 54.00          | -6.36       | 33.57       | 3        | Vertical  | 360         | 2.66       | -       | 14.07      | 27.62   | 5.95    | -       |
| AV   | 2.4112G   | 111.13         | Inf            | -Inf        | 33.53       | 3        | Vertical  | 360         | 2.66       | -       | 77.60      | 27.56   | 5.97    | -       |
| PK   | 2.368G    | 57.18          | 74.00          | -16.82      | 33.60       | 3        | Vertical  | 360         | 2.66       | -       | 23.58      | 27.66   | 5.94    | -       |
| PK   | 2.411G    | 114.62         | Inf            | -Inf        | 33.53       | 3        | Vertical  | 360         | 2.66       | -       | 81.09      | 27.56   | 5.97    | -       |



### 802.11b\_Nss1,(1Mbps)\_4TX

### 2412MHz\_TX

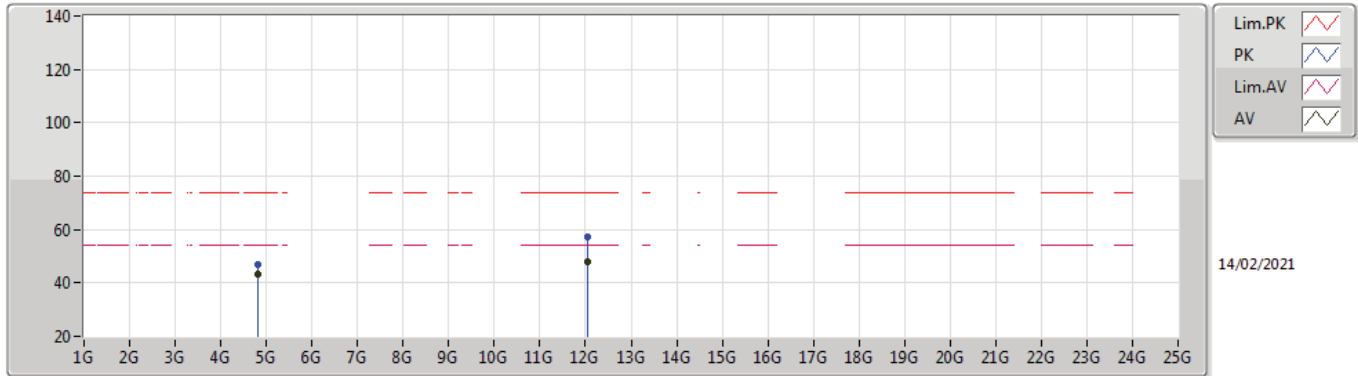


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.39G     | 49.96          | 54.00          | -4.04       | 33.57       | 3        | Horizontal | 75          | 2.39       | -       | 16.39      | 27.62   | 5.95    | -       |
| AV   | 2.4128G   | 115.21         | Inf            | -Inf        | 33.53       | 3        | Horizontal | 75          | 2.39       | -       | 81.68      | 27.55   | 5.98    | -       |
| PK   | 2.3894G   | 59.06          | 74.00          | -14.94      | 33.57       | 3        | Horizontal | 75          | 2.39       | -       | 25.49      | 27.62   | 5.95    | -       |
| PK   | 2.413G    | 118.75         | Inf            | -Inf        | 33.53       | 3        | Horizontal | 75          | 2.39       | -       | 85.22      | 27.55   | 5.98    | -       |



### 802.11b\_Nss1,(1Mbps)\_4TX

### 2412MHz\_TX

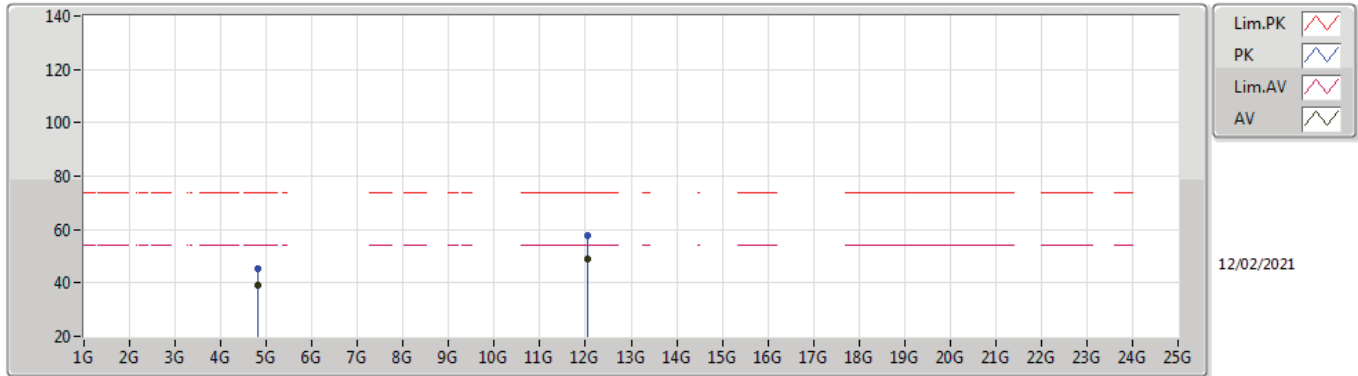


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 4.82396G  | 43.19          | 54.00          | -10.81      | 4.99        | 3        | Vertical  | 330         | 2.87       | -       | 38.20      | 31.00   | 8.27    | 34.28   |
| AV   | 12.05846G | 47.87          | 54.00          | -6.13       | 17.66       | 3        | Vertical  | 82          | 1.49       | -       | 30.21      | 38.98   | 13.05   | 34.37   |
| PK   | 4.82394G  | 47.08          | 74.00          | -26.92      | 4.99        | 3        | Vertical  | 330         | 2.87       | -       | 42.09      | 31.00   | 8.27    | 34.28   |
| PK   | 12.0615G  | 57.41          | 74.00          | -16.59      | 17.66       | 3        | Vertical  | 82          | 1.49       | -       | 39.75      | 38.98   | 13.05   | 34.37   |



### 802.11b\_Nss1,(1Mbps)\_4TX

### 2412MHz\_TX

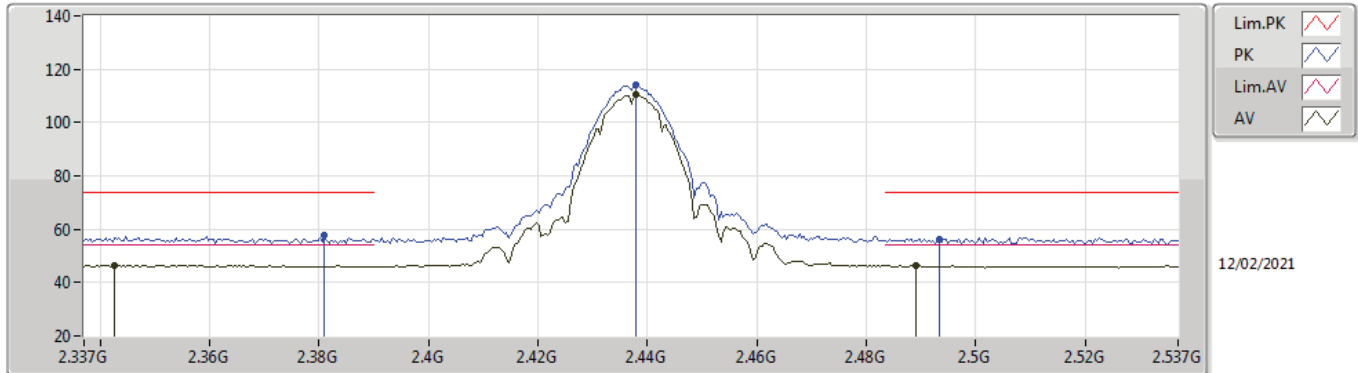


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 4.82401G  | 39.26          | 54.00          | -14.74      | 4.99        | 3        | Horizontal | 74          | 2.93       | -       | 34.27      | 31.00   | 8.27    | 34.28   |
| AV   | 12.06152G | 49.19          | 54.00          | -4.81       | 17.66       | 3        | Horizontal | 88          | 1.50       | -       | 31.53      | 38.98   | 13.05   | 34.37   |
| PK   | 4.82404G  | 45.24          | 74.00          | -28.76      | 4.99        | 3        | Horizontal | 74          | 2.93       | -       | 40.25      | 31.00   | 8.27    | 34.28   |
| PK   | 12.06134G | 57.83          | 74.00          | -16.17      | 17.66       | 3        | Horizontal | 88          | 1.50       | -       | 40.17      | 38.98   | 13.05   | 34.37   |



802.11b\_Nss1,(1Mbps)\_4TX

2437MHz\_TX

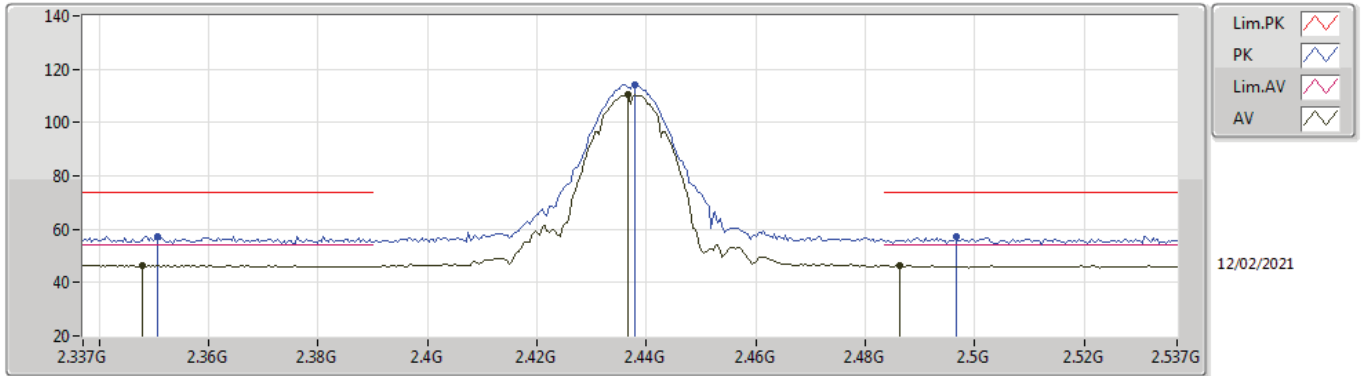


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.3426G   | 46.50          | 54.00          | -7.50       | 33.65       | 3        | Vertical  | 39          | 2.82       | -       | 12.85      | 27.73   | 5.92    | -       |
| AV   | 2.4378G   | 110.29         | Inf            | -Inf        | 33.46       | 3        | Vertical  | 39          | 2.82       | -       | 76.83      | 27.45   | 6.01    | -       |
| AV   | 2.489G    | 46.40          | 54.00          | -7.60       | 33.47       | 3        | Vertical  | 39          | 2.82       | -       | 12.93      | 27.40   | 6.07    | -       |
| PK   | 2.381G    | 57.54          | 74.00          | -16.46      | 33.59       | 3        | Vertical  | 39          | 2.82       | -       | 23.95      | 27.64   | 5.95    | -       |
| PK   | 2.4378G   | 114.00         | Inf            | -Inf        | 33.46       | 3        | Vertical  | 39          | 2.82       | -       | 80.54      | 27.45   | 6.01    | -       |
| PK   | 2.4934G   | 56.39          | 74.00          | -17.61      | 33.47       | 3        | Vertical  | 39          | 2.82       | -       | 22.92      | 27.40   | 6.07    | -       |



802.11b\_Nss1,(1Mbps)\_4TX

2437MHz\_TX

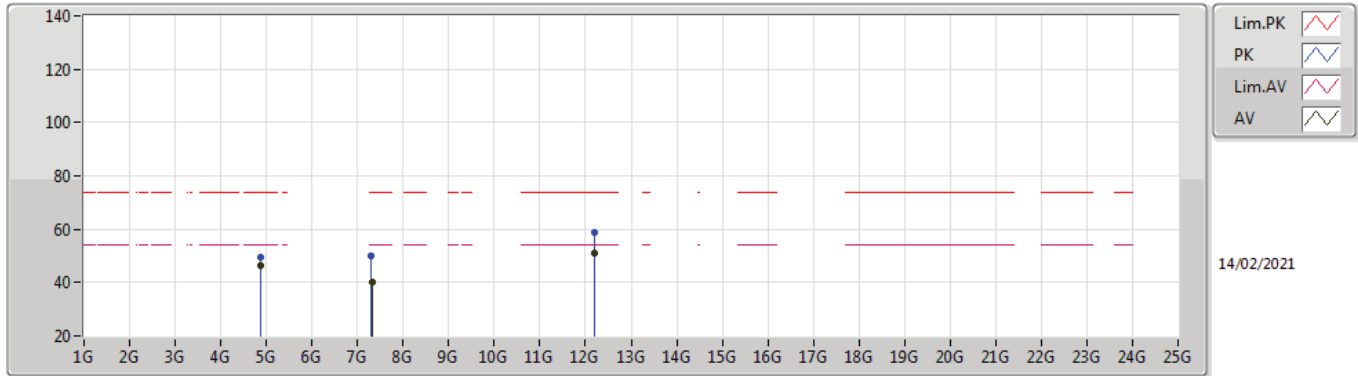


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.3478G   | 46.41          | 54.00          | -7.59       | 33.63       | 3        | Horizontal | 310         | 2.15       | -       | 12.78      | 27.71   | 5.92    | -       |
| AV   | 2.4366G   | 110.66         | Inf            | -Inf        | 33.45       | 3        | Horizontal | 310         | 2.15       | -       | 77.21      | 27.45   | 6.00    | -       |
| AV   | 2.4862G   | 46.28          | 54.00          | -7.72       | 33.46       | 3        | Horizontal | 310         | 2.15       | -       | 12.82      | 27.40   | 6.06    | -       |
| PK   | 2.3506G   | 57.39          | 74.00          | -16.61      | 33.62       | 3        | Horizontal | 310         | 2.15       | -       | 23.77      | 27.70   | 5.92    | -       |
| PK   | 2.4378G   | 114.38         | Inf            | -Inf        | 33.46       | 3        | Horizontal | 310         | 2.15       | -       | 80.92      | 27.45   | 6.01    | -       |
| PK   | 2.4966G   | 57.14          | 74.00          | -16.86      | 33.48       | 3        | Horizontal | 310         | 2.15       | -       | 23.66      | 27.40   | 6.08    | -       |



### 802.11b\_Nss1,(1Mbps)\_4TX

### 2437MHz\_TX

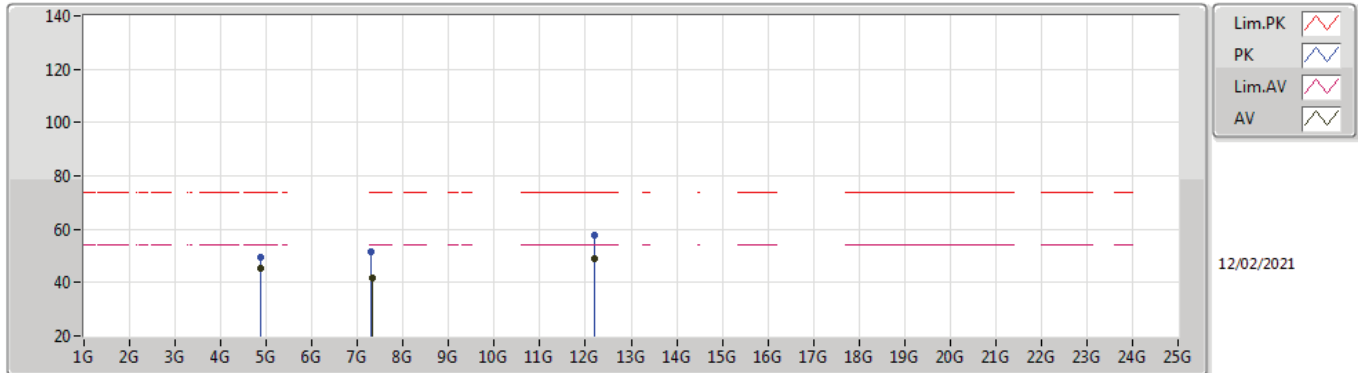


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 4.87394G  | 46.19          | 54.00          | -7.81       | 5.09        | 3        | Vertical  | 354         | 1.29       | -       | 41.10      | 31.05   | 8.30    | 34.26   |
| AV   | 7.31242G  | 40.03          | 54.00          | -13.97      | 11.81       | 3        | Vertical  | 358         | 1.50       | -       | 28.22      | 36.35   | 10.03   | 34.57   |
| AV   | 12.18664G | 51.01          | 54.00          | -2.99       | 17.82       | 3        | Vertical  | 87          | 1.84       | -       | 33.19      | 39.01   | 13.12   | 34.31   |
| PK   | 4.87394G  | 49.58          | 74.00          | -24.42      | 5.09        | 3        | Vertical  | 354         | 1.29       | -       | 44.49      | 31.05   | 8.30    | 34.26   |
| PK   | 7.3099G   | 50.18          | 74.00          | -23.82      | 11.82       | 3        | Vertical  | 358         | 1.50       | -       | 38.36      | 36.36   | 10.03   | 34.57   |
| PK   | 12.18336G | 58.80          | 74.00          | -15.20      | 17.83       | 3        | Vertical  | 87          | 1.84       | -       | 40.97      | 39.02   | 13.12   | 34.31   |



802.11b\_Nss1,(1Mbps)\_4TX

2437MHz\_TX



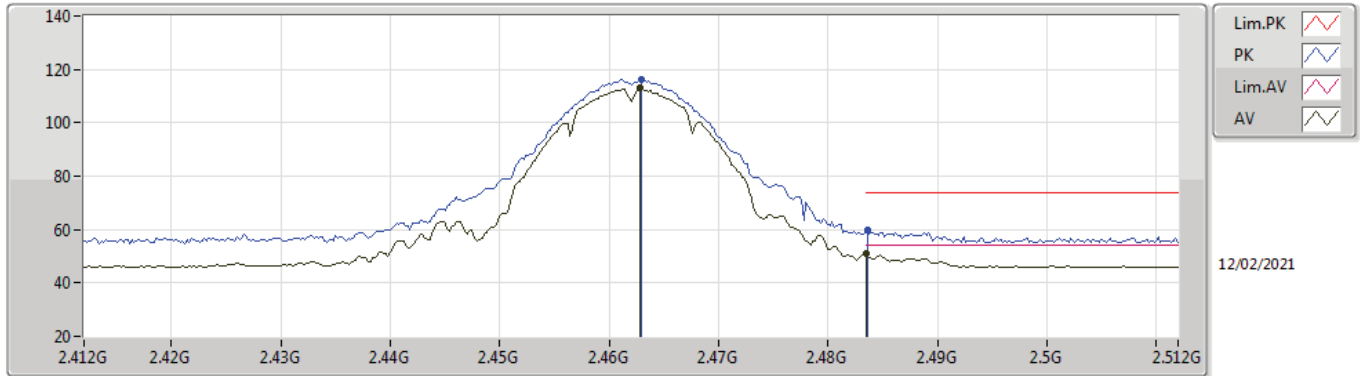
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 4.87398G  | 45.29          | 54.00          | -8.71       | 5.09        | 3        | Horizontal | 36          | 1.49       | -       | 40.20      | 31.05   | 8.30    | 34.26   |
| AV   | 7.31264G  | 41.74          | 54.00          | -12.26      | 11.81       | 3        | Horizontal | 311         | 1.63       | -       | 29.93      | 36.35   | 10.03   | 34.57   |
| AV   | 12.18664G | 49.04          | 54.00          | -4.96       | 17.82       | 3        | Horizontal | 91          | 1.89       | -       | 31.22      | 39.01   | 13.12   | 34.31   |
| PK   | 4.87396G  | 49.50          | 74.00          | -24.50      | 5.09        | 3        | Horizontal | 36          | 1.49       | -       | 44.41      | 31.05   | 8.30    | 34.26   |
| PK   | 7.30958G  | 51.61          | 74.00          | -22.39      | 11.82       | 3        | Horizontal | 311         | 1.63       | -       | 39.79      | 36.36   | 10.03   | 34.57   |
| PK   | 12.18388G | 57.98          | 74.00          | -16.02      | 17.83       | 3        | Horizontal | 91          | 1.89       | -       | 40.15      | 39.02   | 13.12   | 34.31   |





802.11b\_Nss1,(1Mbps)\_4TX

2462MHz\_TX

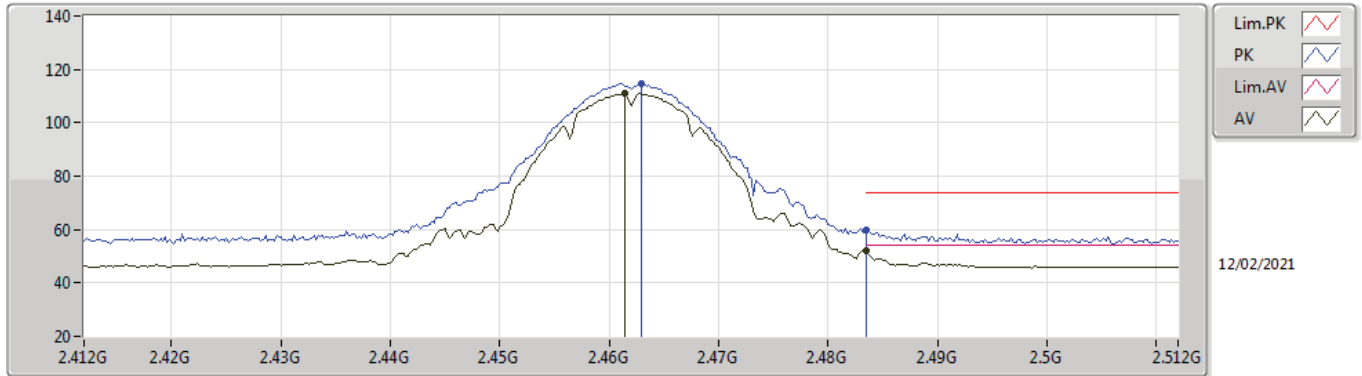


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.4628G   | 113.13         | Inf            | -Inf        | 33.44       | 3        | Vertical  | 40          | 2.74       | -       | 79.69      | 27.40   | 6.04    | -       |
| AV   | 2.4835G   | 50.92          | 54.00          | -3.08       | 33.46       | 3        | Vertical  | 40          | 2.74       | -       | 17.46      | 27.40   | 6.06    | -       |
| PK   | 2.463G    | 116.20         | Inf            | -Inf        | 33.44       | 3        | Vertical  | 40          | 2.74       | -       | 82.76      | 27.40   | 6.04    | -       |
| PK   | 2.4836G   | 59.57          | 74.00          | -14.43      | 33.46       | 3        | Vertical  | 40          | 2.74       | -       | 26.11      | 27.40   | 6.06    | -       |



802.11b\_Nss1,(1Mbps)\_4TX

2462MHz\_TX

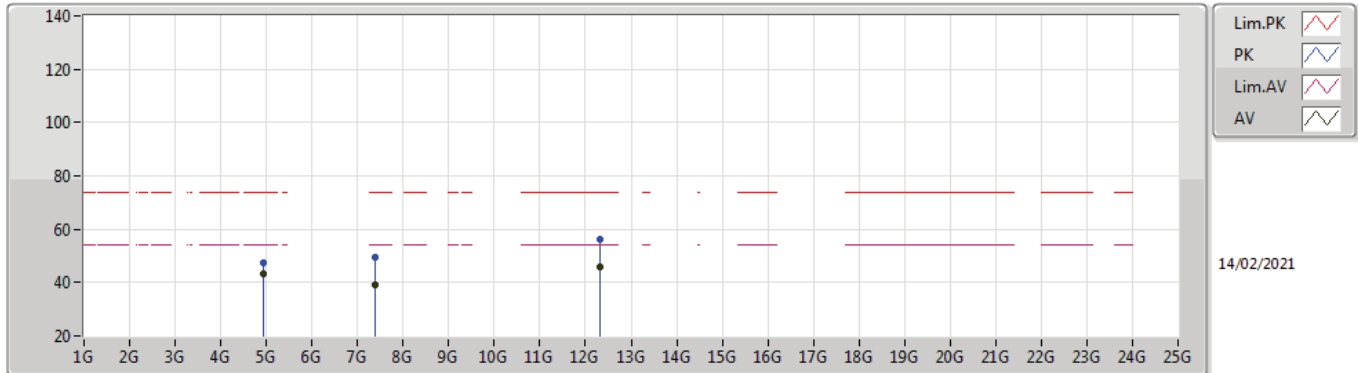


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.4614G   | 111.08         | Inf            | -Inf        | 33.43       | 3        | Horizontal | 309         | 2.12       | -       | 77.65      | 27.40   | 6.03    | -       |
| AV   | 2.4835G   | 52.09          | 54.00          | -1.91       | 33.46       | 3        | Horizontal | 309         | 2.12       | -       | 18.63      | 27.40   | 6.06    | -       |
| PK   | 2.463G    | 114.64         | Inf            | -Inf        | 33.44       | 3        | Horizontal | 309         | 2.12       | -       | 81.20      | 27.40   | 6.04    | -       |
| PK   | 2.4835G   | 59.73          | 74.00          | -14.27      | 33.46       | 3        | Horizontal | 309         | 2.12       | -       | 26.27      | 27.40   | 6.06    | -       |



### 802.11b\_Nss1,(1Mbps)\_4TX

### 2462MHz\_TX

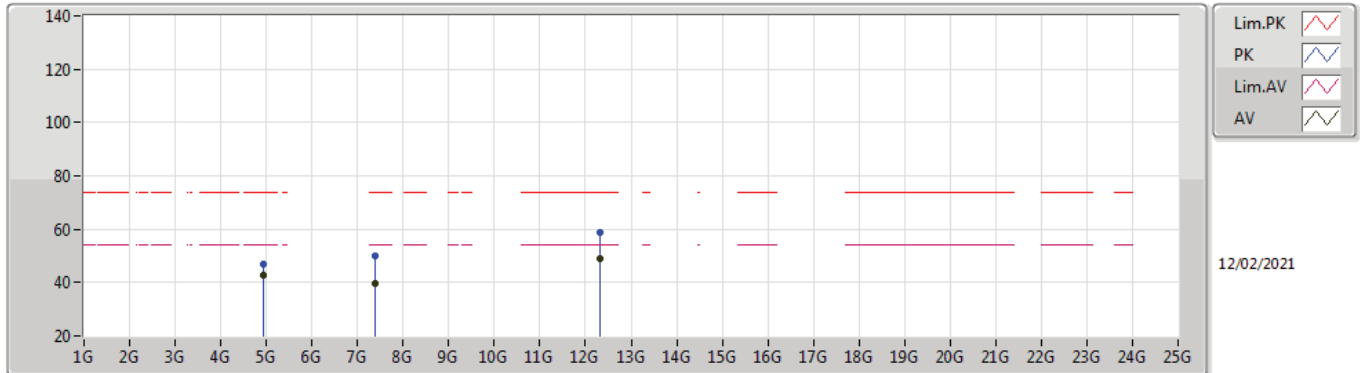


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 4.92404G  | 43.39          | 54.00          | -10.61      | 5.18        | 3        | Vertical  | 354         | 1.20       | -       | 38.21      | 31.10   | 8.33    | 34.25   |
| AV   | 7.38448G  | 38.91          | 54.00          | -15.09      | 11.60       | 3        | Vertical  | 79          | 1.50       | -       | 27.31      | 36.13   | 10.05   | 34.58   |
| AV   | 12.30868G | 45.86          | 54.00          | -8.14       | 17.72       | 3        | Vertical  | 296         | 1.57       | -       | 28.14      | 38.77   | 13.20   | 34.25   |
| PK   | 4.924G    | 47.50          | 74.00          | -26.50      | 5.18        | 3        | Vertical  | 354         | 1.20       | -       | 42.32      | 31.10   | 8.33    | 34.25   |
| PK   | 7.38764G  | 49.74          | 74.00          | -24.26      | 11.59       | 3        | Vertical  | 79          | 1.50       | -       | 38.15      | 36.12   | 10.05   | 34.58   |
| PK   | 12.3086G  | 56.46          | 74.00          | -17.54      | 17.72       | 3        | Vertical  | 296         | 1.57       | -       | 38.74      | 38.77   | 13.20   | 34.25   |



### 802.11b\_Nss1,(1Mbps)\_4TX

### 2462MHz\_TX

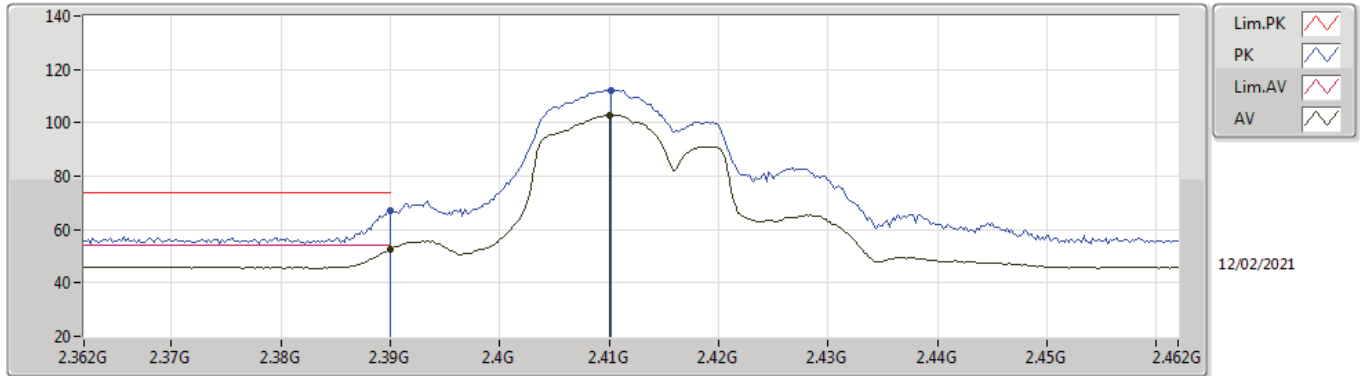


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 4.924G    | 42.53          | 54.00          | -11.47      | 5.18        | 3        | Horizontal | 33          | 1.46       | -       | 37.35      | 31.10   | 8.33    | 34.25   |
| AV   | 7.38452G  | 39.47          | 54.00          | -14.53      | 11.60       | 3        | Horizontal | 60          | 1.50       | -       | 27.87      | 36.13   | 10.05   | 34.58   |
| AV   | 12.3088G  | 49.18          | 54.00          | -4.82       | 17.72       | 3        | Horizontal | 88          | 1.50       | -       | 31.46      | 38.77   | 13.20   | 34.25   |
| PK   | 4.92392G  | 47.03          | 74.00          | -26.97      | 5.18        | 3        | Horizontal | 33          | 1.46       | -       | 41.85      | 31.10   | 8.33    | 34.25   |
| PK   | 7.3874G   | 49.98          | 74.00          | -24.02      | 11.60       | 3        | Horizontal | 60          | 1.50       | -       | 38.38      | 36.13   | 10.05   | 34.58   |
| PK   | 12.30904G | 58.86          | 74.00          | -15.14      | 17.72       | 3        | Horizontal | 88          | 1.50       | -       | 41.14      | 38.77   | 13.20   | 34.25   |



802.11g\_Nss1,(6Mbps)\_4TX

2412MHz\_TX

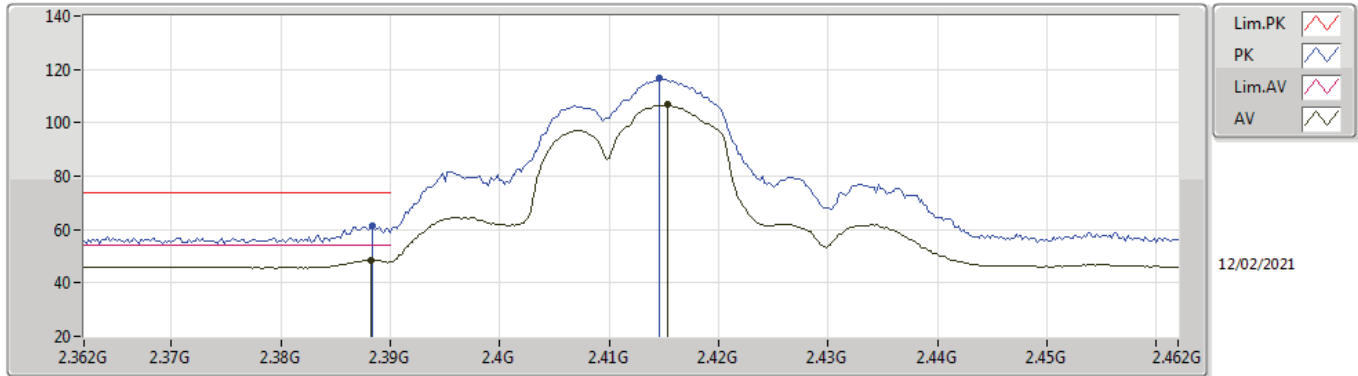


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.39G     | 52.82          | 54.00          | -1.18       | 33.57       | 3        | Vertical  | 15          | 2.67       | -       | 19.25      | 27.62   | 5.95    | -       |
| AV   | 2.41G     | 102.81         | Inf            | -Inf        | 33.53       | 3        | Vertical  | 15          | 2.67       | -       | 69.28      | 27.56   | 5.97    | -       |
| PK   | 2.39G     | 67.03          | 74.00          | -6.97       | 33.57       | 3        | Vertical  | 15          | 2.67       | -       | 33.46      | 27.62   | 5.95    | -       |
| PK   | 2.4102G   | 112.31         | Inf            | -Inf        | 33.53       | 3        | Vertical  | 15          | 2.67       | -       | 78.78      | 27.56   | 5.97    | -       |



### 802.11g\_Nss1,(6Mbps)\_4TX

### 2412MHz\_TX

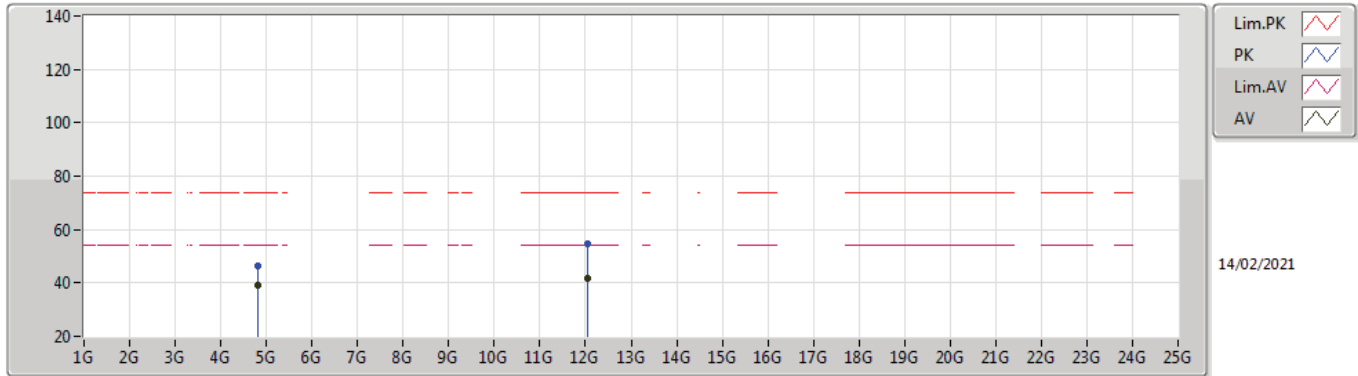


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.3882G   | 48.57          | 54.00          | -5.43       | 33.57       | 3        | Horizontal | 64          | 1.52       | -       | 15.00      | 27.62   | 5.95    | -       |
| AV   | 2.4154G   | 106.67         | Inf            | -Inf        | 33.52       | 3        | Horizontal | 64          | 1.52       | -       | 73.15      | 27.54   | 5.98    | -       |
| PK   | 2.3884G   | 61.13          | 74.00          | -12.87      | 33.57       | 3        | Horizontal | 64          | 1.52       | -       | 27.56      | 27.62   | 5.95    | -       |
| PK   | 2.4146G   | 116.63         | Inf            | -Inf        | 33.52       | 3        | Horizontal | 64          | 1.52       | -       | 83.11      | 27.54   | 5.98    | -       |



802.11g\_Nss1,(6Mbps)\_4TX

2412MHz\_TX

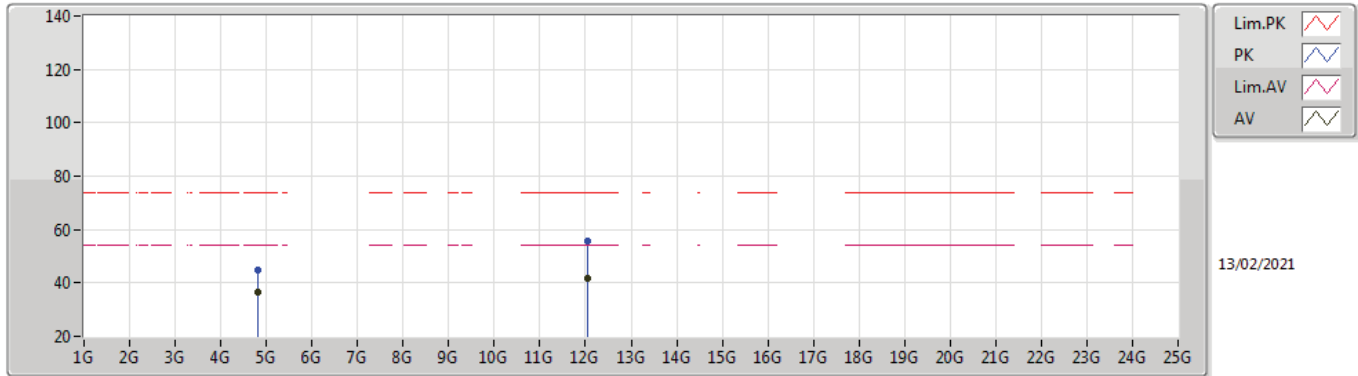


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 4.824G    | 39.05          | 54.00          | -14.95      | 4.99        | 3        | Vertical  | 332         | 1.54       | -       | 34.06      | 31.00   | 8.27    | 34.28   |
| AV   | 12.05116G | 41.56          | 54.00          | -12.44      | 17.62       | 3        | Vertical  | 315         | 2.39       | -       | 23.94      | 38.95   | 13.04   | 34.37   |
| PK   | 4.824G    | 46.20          | 74.00          | -27.80      | 4.99        | 3        | Vertical  | 332         | 1.54       | -       | 41.21      | 31.00   | 8.27    | 34.28   |
| PK   | 12.056G   | 54.43          | 74.00          | -19.57      | 17.64       | 3        | Vertical  | 315         | 2.39       | -       | 36.79      | 38.97   | 13.04   | 34.37   |



### 802.11g\_Nss1,(6Mbps)\_4TX

### 2412MHz\_TX



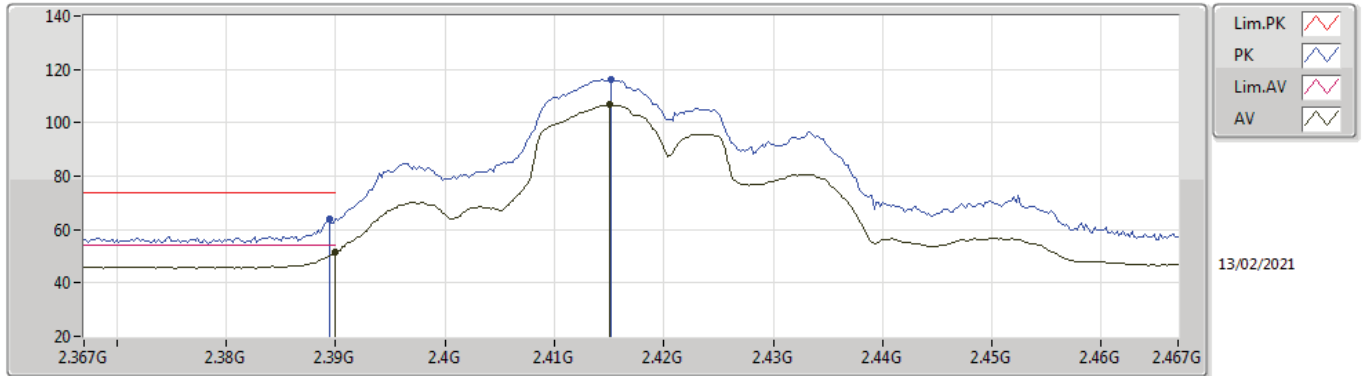
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 4.82394G  | 36.47          | 54.00          | -17.53      | 4.99        | 3        | Horizontal | 356         | 1.06       | -       | 31.48      | 31.00   | 8.27    | 34.28   |
| AV   | 12.05844G | 41.76          | 54.00          | -12.24      | 17.66       | 3        | Horizontal | 5           | 1.99       | -       | 24.10      | 38.98   | 13.05   | 34.37   |
| PK   | 4.82404G  | 44.65          | 74.00          | -29.35      | 4.99        | 3        | Horizontal | 356         | 1.06       | -       | 39.66      | 31.00   | 8.27    | 34.28   |
| PK   | 12.05992G | 55.80          | 74.00          | -18.20      | 17.66       | 3        | Horizontal | 5           | 1.99       | -       | 38.14      | 38.98   | 13.05   | 34.37   |





802.11g\_Nss1,(6Mbps)\_4TX

2417MHz\_TX

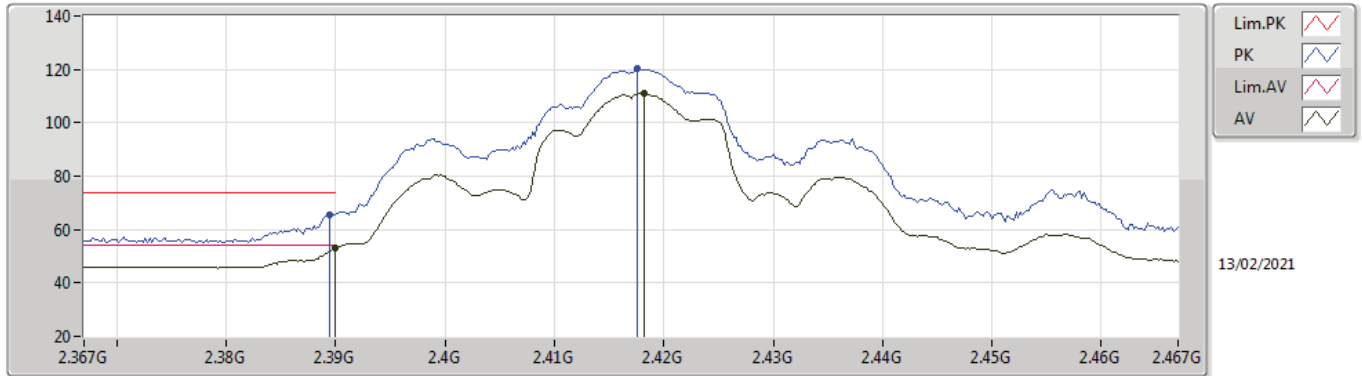


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.39G     | 51.31          | 54.00          | -2.69       | 33.57       | 3        | Vertical  | 15          | 2.68       | -       | 17.74      | 27.62   | 5.95    | -       |
| AV   | 2.415G    | 106.67         | Inf            | -Inf        | 33.52       | 3        | Vertical  | 15          | 2.68       | -       | 73.15      | 27.54   | 5.98    | -       |
| PK   | 2.3894G   | 64.11          | 74.00          | -9.89       | 33.57       | 3        | Vertical  | 15          | 2.68       | -       | 30.54      | 27.62   | 5.95    | -       |
| PK   | 2.4152G   | 116.37         | Inf            | -Inf        | 33.52       | 3        | Vertical  | 15          | 2.68       | -       | 82.85      | 27.54   | 5.98    | -       |



802.11g\_Nss1,(6Mbps)\_4TX

2417MHz\_TX

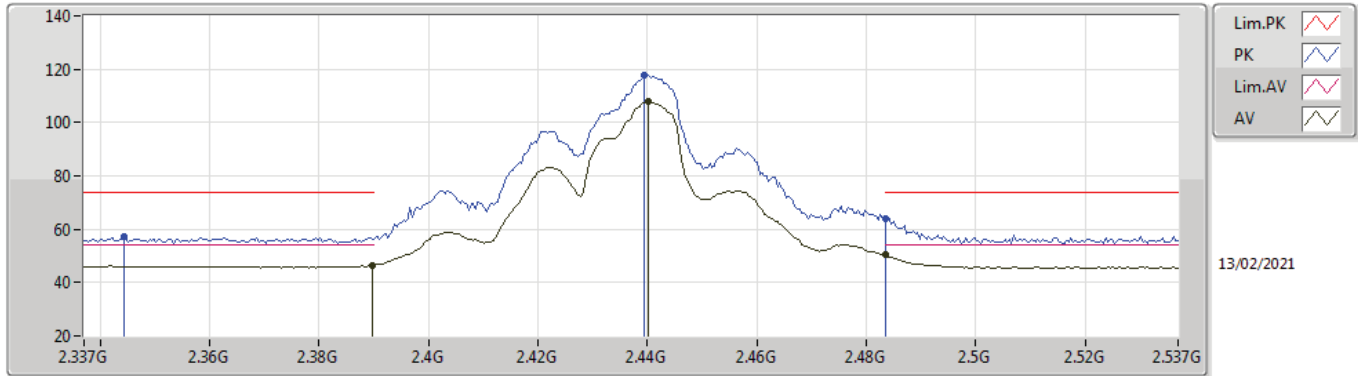


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.39G     | 53.24          | 54.00          | -0.76       | 33.57       | 3        | Horizontal | 73          | 2.38       | -       | 19.67      | 27.62   | 5.95    | -       |
| AV   | 2.4182G   | 110.90         | Inf            | -Inf        | 33.51       | 3        | Horizontal | 73          | 2.38       | -       | 77.39      | 27.53   | 5.98    | -       |
| PK   | 2.3894G   | 65.66          | 74.00          | -8.34       | 33.57       | 3        | Horizontal | 73          | 2.38       | -       | 32.09      | 27.62   | 5.95    | -       |
| PK   | 2.4176G   | 120.14         | Inf            | -Inf        | 33.51       | 3        | Horizontal | 73          | 2.38       | -       | 86.63      | 27.53   | 5.98    | -       |



### 802.11g\_Nss1,(6Mbps)\_4TX

### 2437MHz\_TX

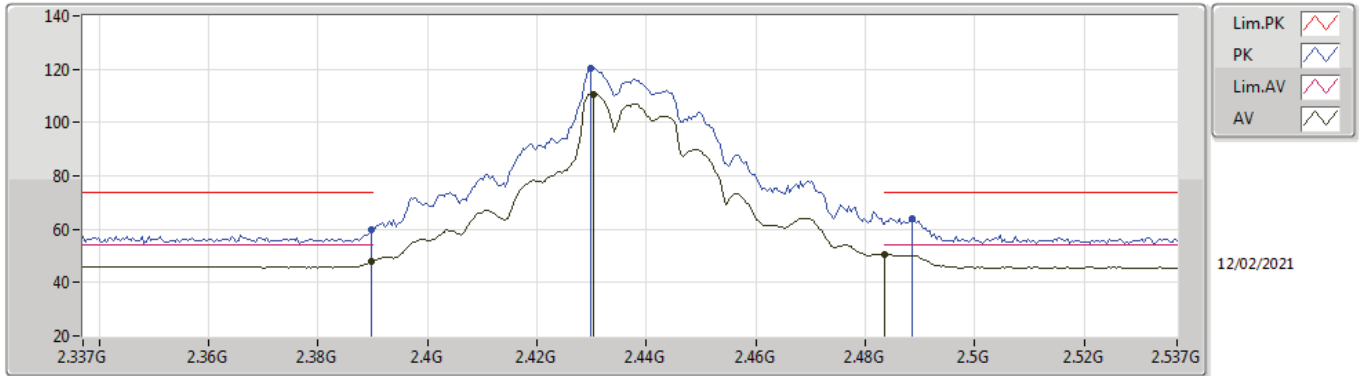


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.3898G   | 46.42          | 54.00          | -7.58       | 33.57       | 3        | Vertical  | 25          | 2.75       | -       | 12.85      | 27.62   | 5.95    | -       |
| AV   | 2.4402G   | 107.91         | Inf            | -Inf        | 33.45       | 3        | Vertical  | 25          | 2.75       | -       | 74.46      | 27.44   | 6.01    | -       |
| AV   | 2.4835G   | 50.30          | 54.00          | -3.70       | 33.46       | 3        | Vertical  | 25          | 2.75       | -       | 16.84      | 27.40   | 6.06    | -       |
| PK   | 2.3442G   | 57.46          | 74.00          | -16.54      | 33.64       | 3        | Vertical  | 25          | 2.75       | -       | 23.82      | 27.72   | 5.92    | -       |
| PK   | 2.4394G   | 117.68         | Inf            | -Inf        | 33.45       | 3        | Vertical  | 25          | 2.75       | -       | 84.23      | 27.44   | 6.01    | -       |
| PK   | 2.4835G   | 63.83          | 74.00          | -10.17      | 33.46       | 3        | Vertical  | 25          | 2.75       | -       | 30.37      | 27.40   | 6.06    | -       |



802.11g\_Nss1,(6Mbps)\_4TX

2437MHz\_TX

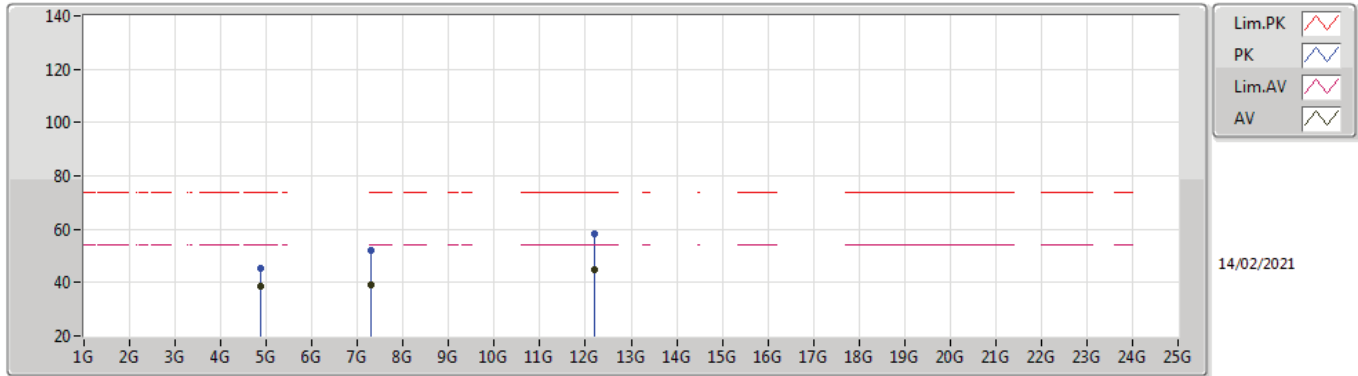


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.3898G   | 47.90          | 54.00          | -6.10       | 33.57       | 3        | Horizontal | 64          | 2.87       | -       | 14.33      | 27.62   | 5.95    | -       |
| AV   | 2.4302G   | 110.77         | Inf            | -Inf        | 33.48       | 3        | Horizontal | 64          | 2.87       | -       | 77.29      | 27.48   | 6.00    | -       |
| AV   | 2.4835G   | 50.64          | 54.00          | -3.36       | 33.46       | 3        | Horizontal | 64          | 2.87       | -       | 17.18      | 27.40   | 6.06    | -       |
| PK   | 2.3898G   | 60.01          | 74.00          | -13.99      | 33.57       | 3        | Horizontal | 64          | 2.87       | -       | 26.44      | 27.62   | 5.95    | -       |
| PK   | 2.4298G   | 120.44         | Inf            | -Inf        | 33.48       | 3        | Horizontal | 64          | 2.87       | -       | 86.96      | 27.48   | 6.00    | -       |
| PK   | 2.4886G   | 64.00          | 74.00          | -10.00      | 33.47       | 3        | Horizontal | 64          | 2.87       | -       | 30.53      | 27.40   | 6.07    | -       |



### 802.11g\_Nss1,(6Mbps)\_4TX

### 2437MHz\_TX

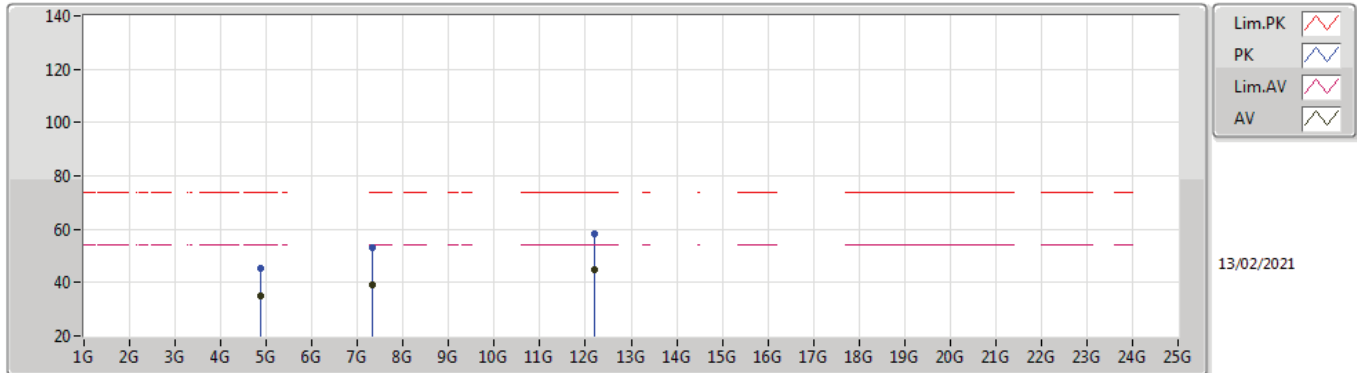


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 4.87394G  | 38.37          | 54.00          | -15.63      | 5.09        | 3        | Vertical  | 337         | 1.35       | -       | 33.28      | 31.05   | 8.30    | 34.26   |
| AV   | 7.30758G  | 39.13          | 54.00          | -14.87      | 11.83       | 3        | Vertical  | 353         | 1.50       | -       | 27.30      | 36.37   | 10.03   | 34.57   |
| AV   | 12.1874G  | 44.58          | 54.00          | -9.42       | 17.82       | 3        | Vertical  | 85          | 1.88       | -       | 26.76      | 39.01   | 13.12   | 34.31   |
| PK   | 4.87412G  | 45.44          | 74.00          | -28.56      | 5.09        | 3        | Vertical  | 337         | 1.35       | -       | 40.35      | 31.05   | 8.30    | 34.26   |
| PK   | 7.30734G  | 52.20          | 74.00          | -21.80      | 11.83       | 3        | Vertical  | 353         | 1.50       | -       | 40.37      | 36.37   | 10.03   | 34.57   |
| PK   | 12.18818G | 58.13          | 74.00          | -15.87      | 17.82       | 3        | Vertical  | 85          | 1.88       | -       | 40.31      | 39.01   | 13.12   | 34.31   |



### 802.11g\_Nss1,(6Mbps)\_4TX

### 2437MHz\_TX

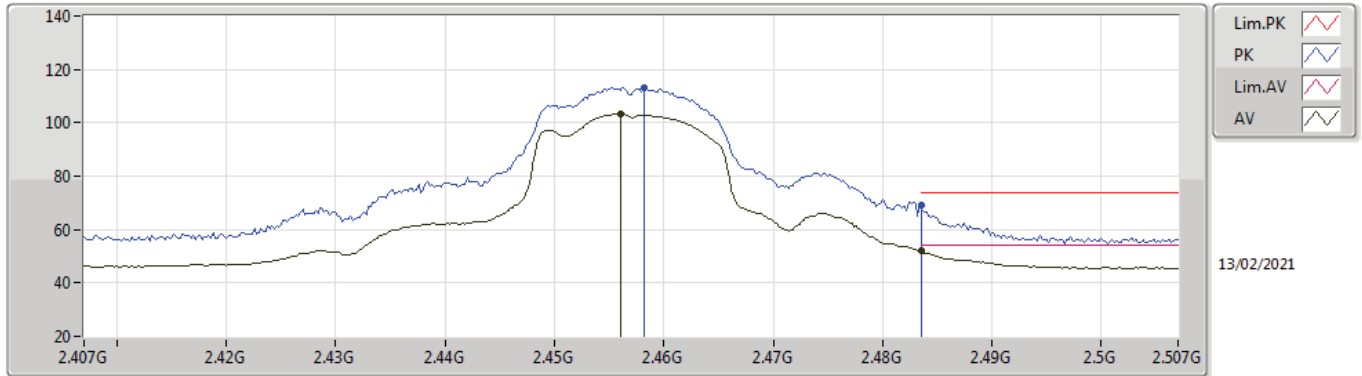


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 4.874G    | 34.82          | 54.00          | -19.18      | 5.09        | 3        | Horizontal | 34          | 1.35       | -       | 29.73      | 31.05   | 8.30    | 34.26   |
| AV   | 7.3131G   | 38.96          | 54.00          | -15.04      | 11.81       | 3        | Horizontal | 49          | 1.50       | -       | 27.15      | 36.35   | 10.03   | 34.57   |
| AV   | 12.19034G | 44.84          | 54.00          | -9.16       | 17.84       | 3        | Horizontal | 78          | 2.26       | -       | 27.00      | 39.01   | 13.13   | 34.30   |
| PK   | 4.8737G   | 45.30          | 74.00          | -28.70      | 5.09        | 3        | Horizontal | 34          | 1.35       | -       | 40.21      | 31.05   | 8.30    | 34.26   |
| PK   | 7.31166G  | 52.98          | 74.00          | -21.02      | 11.81       | 3        | Horizontal | 49          | 1.50       | -       | 41.17      | 36.35   | 10.03   | 34.57   |
| PK   | 12.19094G | 58.21          | 74.00          | -15.79      | 17.84       | 3        | Horizontal | 78          | 2.26       | -       | 40.37      | 39.01   | 13.13   | 34.30   |



802.11g\_Nss1,(6Mbps)\_4TX

2457MHz\_TX

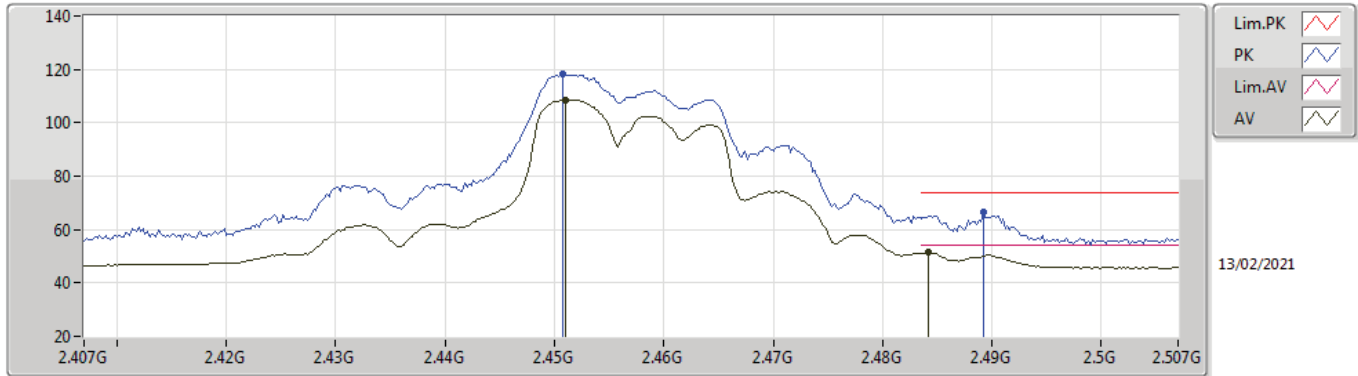


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.456G    | 103.38         | Inf            | -Inf        | 33.43       | 3        | Vertical  | 43          | 3.00       | -       | 69.95      | 27.40   | 6.03    | -       |
| AV   | 2.4835G   | 51.90          | 54.00          | -2.10       | 33.46       | 3        | Vertical  | 43          | 3.00       | -       | 18.44      | 27.40   | 6.06    | -       |
| PK   | 2.4582G   | 113.06         | Inf            | -Inf        | 33.43       | 3        | Vertical  | 43          | 3.00       | -       | 79.63      | 27.40   | 6.03    | -       |
| PK   | 2.4835G   | 69.07          | 74.00          | -4.93       | 33.46       | 3        | Vertical  | 43          | 3.00       | -       | 35.61      | 27.40   | 6.06    | -       |



802.11g\_Nss1,(6Mbps)\_4TX

2457MHz\_TX



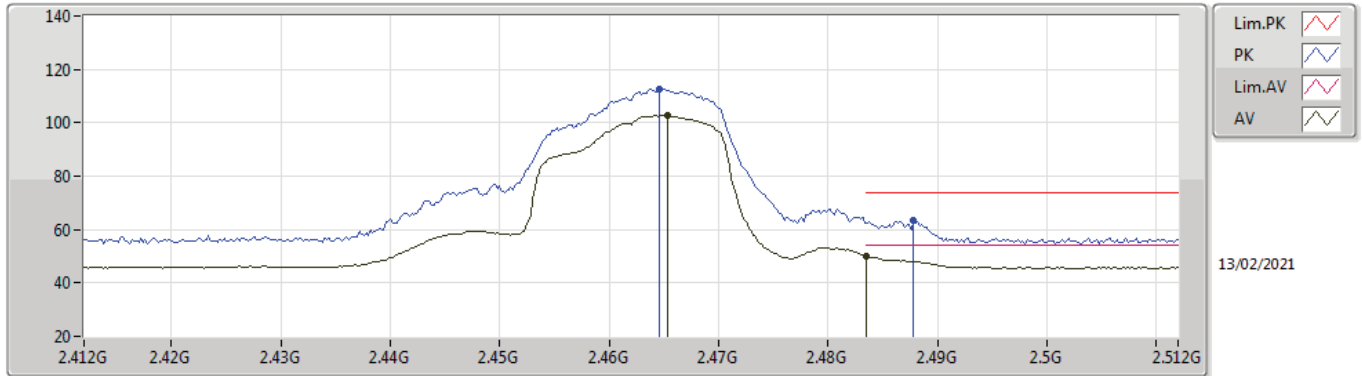
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.451G    | 108.64         | Inf            | -Inf        | 33.42       | 3        | Horizontal | 54          | 2.32       | -       | 75.22      | 27.40   | 6.02    | -       |
| AV   | 2.4842G   | 51.42          | 54.00          | -2.58       | 33.46       | 3        | Horizontal | 54          | 2.32       | -       | 17.96      | 27.40   | 6.06    | -       |
| PK   | 2.4508G   | 118.31         | Inf            | -Inf        | 33.42       | 3        | Horizontal | 54          | 2.32       | -       | 84.89      | 27.40   | 6.02    | -       |
| PK   | 2.4892G   | 66.73          | 74.00          | -7.27       | 33.47       | 3        | Horizontal | 54          | 2.32       | -       | 33.26      | 27.40   | 6.07    | -       |





802.11g\_Nss1,(6Mbps)\_4TX

2462MHz\_TX

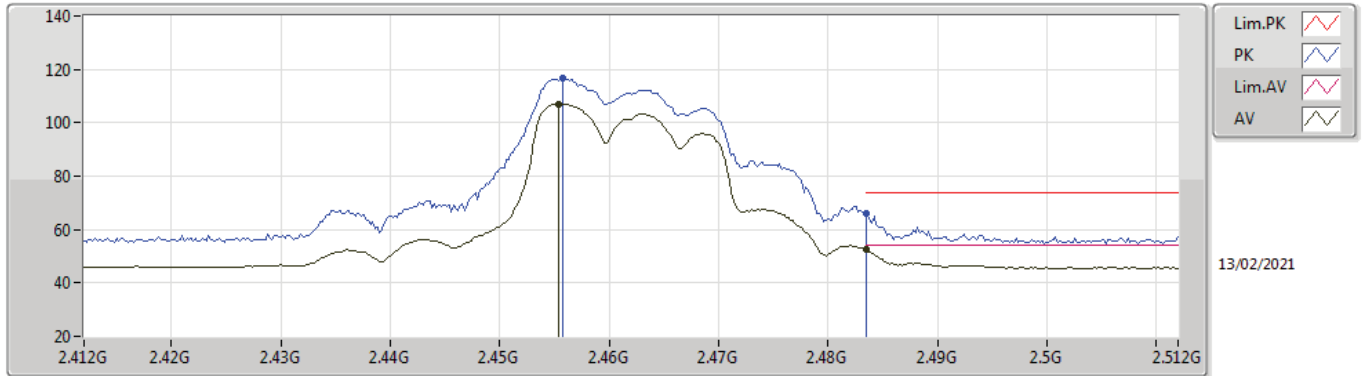


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.4654G   | 102.80         | Inf            | -Inf        | 33.44       | 3        | Vertical  | 26          | 2.72       | -       | 69.36      | 27.40   | 6.04    | -       |
| AV   | 2.4835G   | 50.25          | 54.00          | -3.75       | 33.46       | 3        | Vertical  | 26          | 2.72       | -       | 16.79      | 27.40   | 6.06    | -       |
| PK   | 2.4646G   | 112.81         | Inf            | -Inf        | 33.44       | 3        | Vertical  | 26          | 2.72       | -       | 79.37      | 27.40   | 6.04    | -       |
| PK   | 2.4878G   | 63.36          | 74.00          | -10.64      | 33.47       | 3        | Vertical  | 26          | 2.72       | -       | 29.89      | 27.40   | 6.07    | -       |



802.11g\_Nss1,(6Mbps)\_4TX

2462MHz\_TX

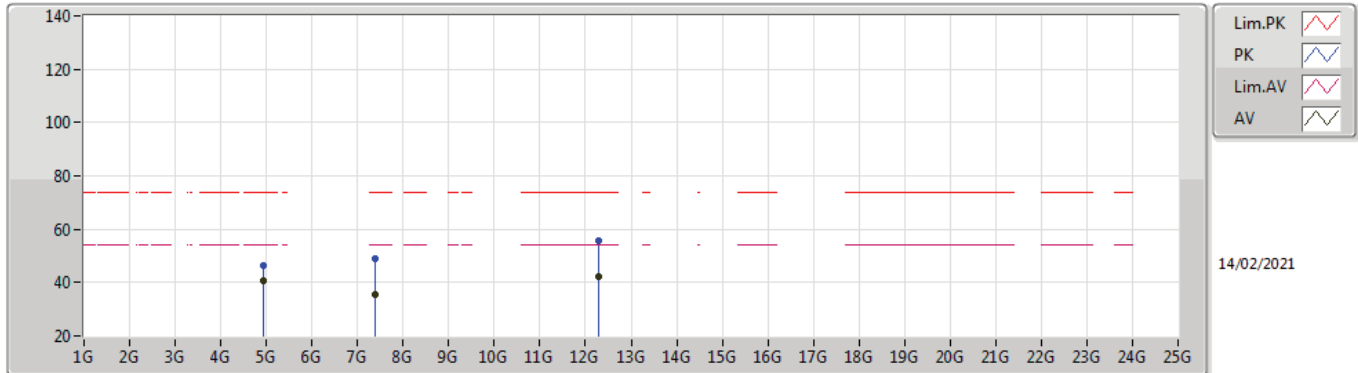


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.4554G   | 107.10         | Inf            | -Inf        | 33.43       | 3        | Horizontal | 55          | 2.79       | -       | 73.67      | 27.40   | 6.03    | -       |
| AV   | 2.4835G   | 52.37          | 54.00          | -1.63       | 33.46       | 3        | Horizontal | 55          | 2.79       | -       | 18.91      | 27.40   | 6.06    | -       |
| PK   | 2.4558G   | 116.75         | Inf            | -Inf        | 33.43       | 3        | Horizontal | 55          | 2.79       | -       | 83.32      | 27.40   | 6.03    | -       |
| PK   | 2.4835G   | 65.88          | 74.00          | -8.12       | 33.46       | 3        | Horizontal | 55          | 2.79       | -       | 32.42      | 27.40   | 6.06    | -       |



802.11g\_Nss1,(6Mbps)\_4TX

2462MHz\_TX

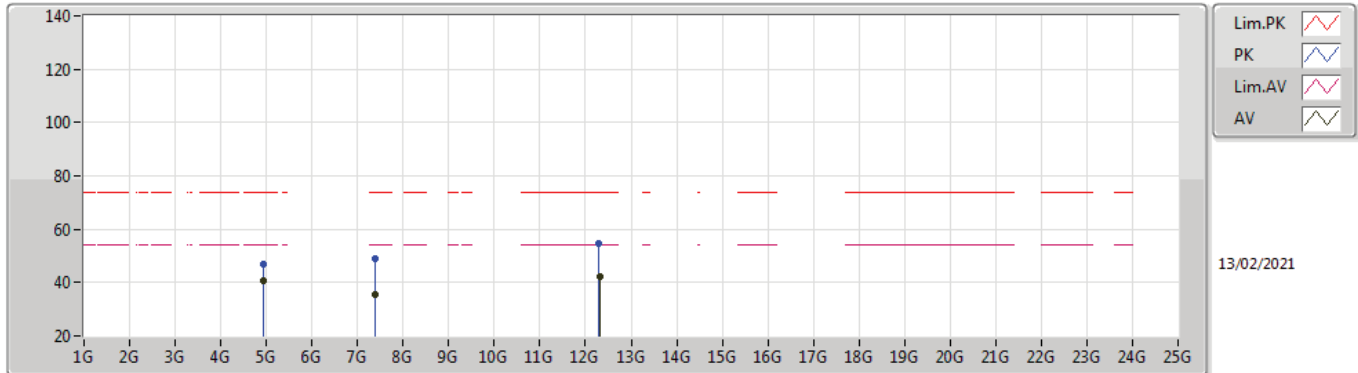


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 4.92402G  | 40.56          | 54.00          | -13.44      | 5.18        | 3        | Vertical  | 338         | 1.00       | -       | 35.38      | 31.10   | 8.33    | 34.25   |
| AV   | 7.37604G  | 35.49          | 54.00          | -18.51      | 11.62       | 3        | Vertical  | 184         | 1.80       | -       | 23.87      | 36.15   | 10.05   | 34.58   |
| AV   | 12.29632G | 42.21          | 54.00          | -11.79      | 17.75       | 3        | Vertical  | 232         | 1.02       | -       | 24.46      | 38.81   | 13.19   | 34.25   |
| PK   | 4.92404G  | 46.23          | 74.00          | -27.77      | 5.18        | 3        | Vertical  | 338         | 1.00       | -       | 41.05      | 31.10   | 8.33    | 34.25   |
| PK   | 7.39734G  | 48.75          | 74.00          | -25.25      | 11.57       | 3        | Vertical  | 184         | 1.80       | -       | 37.18      | 36.11   | 10.05   | 34.59   |
| PK   | 12.29728G | 55.57          | 74.00          | -18.43      | 17.75       | 3        | Vertical  | 232         | 1.02       | -       | 37.82      | 38.81   | 13.19   | 34.25   |



### 802.11g\_Nss1,(6Mbps)\_4TX

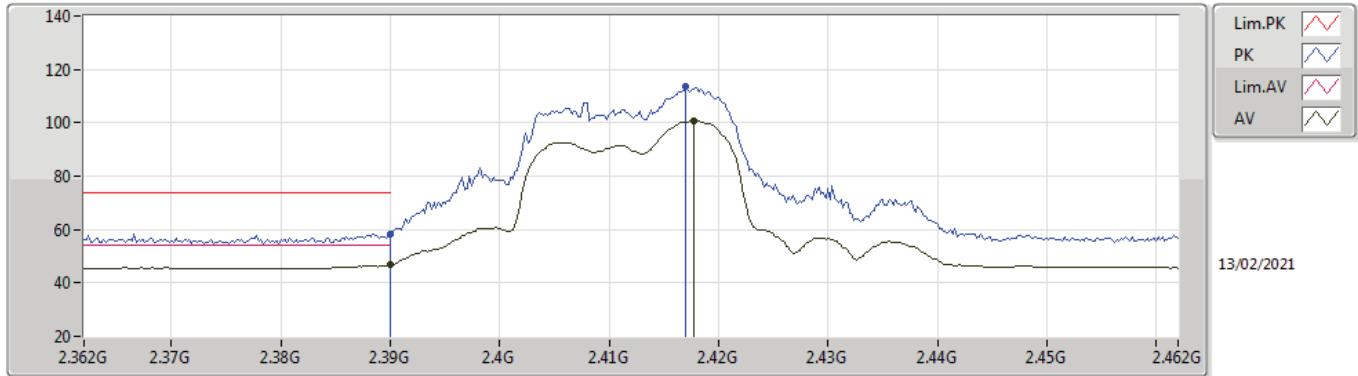
### 2462MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 4.92396G  | 40.48          | 54.00          | -13.52      | 5.18        | 3        | Horizontal | 71          | 2.00       | -       | 35.30      | 31.10   | 8.33    | 34.25   |
| AV   | 7.37694G  | 35.59          | 54.00          | -18.41      | 11.62       | 3        | Horizontal | 89          | 1.79       | -       | 23.97      | 36.15   | 10.05   | 34.58   |
| AV   | 12.30592G | 42.21          | 54.00          | -11.79      | 17.73       | 3        | Horizontal | 46          | 2.12       | -       | 24.48      | 38.78   | 13.20   | 34.25   |
| PK   | 4.92406G  | 46.98          | 74.00          | -27.02      | 5.18        | 3        | Horizontal | 71          | 2.00       | -       | 41.80      | 31.10   | 8.33    | 34.25   |
| PK   | 7.39806G  | 48.76          | 74.00          | -25.24      | 11.56       | 3        | Horizontal | 89          | 1.79       | -       | 37.20      | 36.10   | 10.05   | 34.59   |
| PK   | 12.29842G | 54.88          | 74.00          | -19.12      | 17.74       | 3        | Horizontal | 46          | 2.12       | -       | 37.14      | 38.80   | 13.19   | 34.25   |

### 802.11ax HEW20\_Nss1,(MCS0)\_4TX

### 2412MHz\_TX

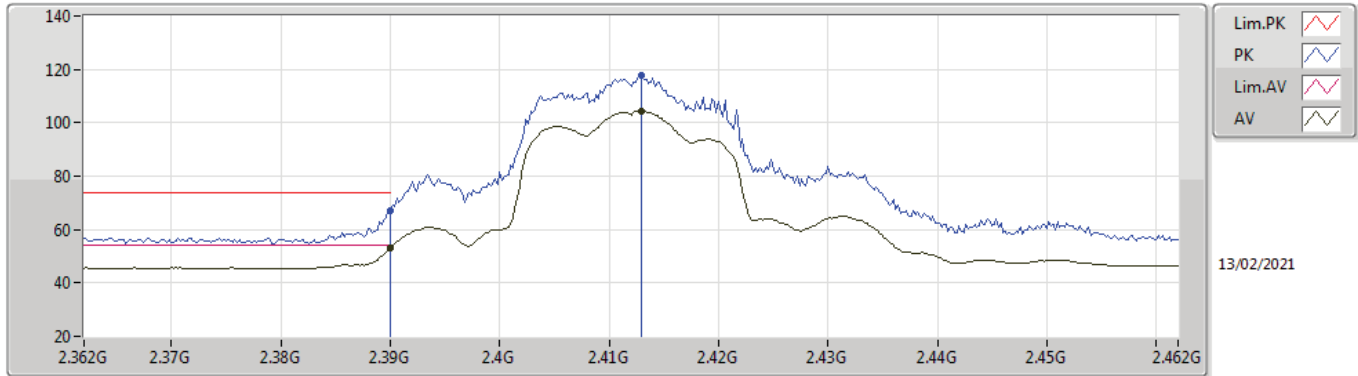


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.39G     | 46.64          | 54.00          | -7.36       | 33.57       | 3        | Vertical  | 340         | 2.69       | -       | 13.07      | 27.62   | 5.95    | -       |
| AV   | 2.4178G   | 100.81         | Inf            | -Inf        | 33.51       | 3        | Vertical  | 340         | 2.69       | -       | 67.30      | 27.53   | 5.98    | -       |
| PK   | 2.39G     | 58.32          | 74.00          | -15.68      | 33.57       | 3        | Vertical  | 340         | 2.69       | -       | 24.75      | 27.62   | 5.95    | -       |
| PK   | 2.417G    | 113.71         | Inf            | -Inf        | 33.51       | 3        | Vertical  | 340         | 2.69       | -       | 80.20      | 27.53   | 5.98    | -       |



802.11ax HEW20\_Nss1,(MCS0)\_4TX

2412MHz\_TX

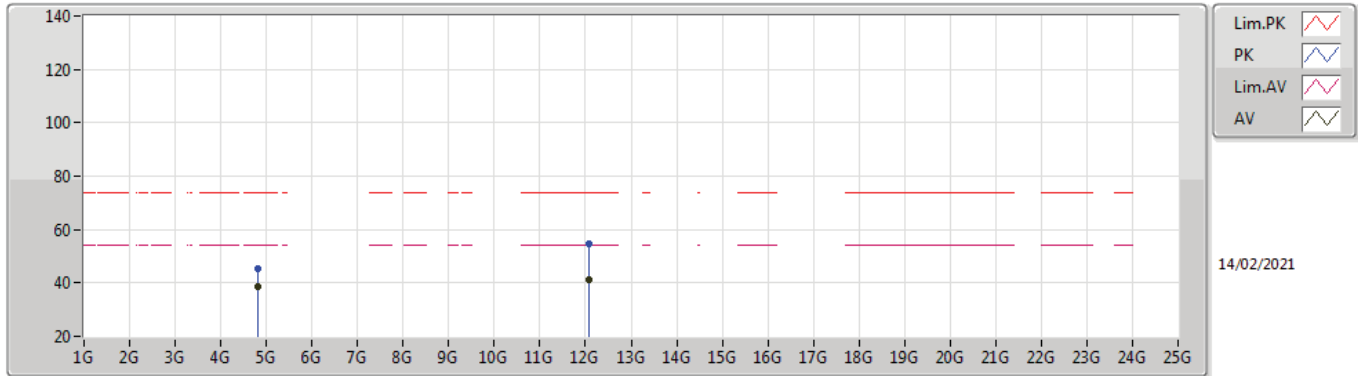


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.39G     | 53.23          | 54.00          | -0.77       | 33.57       | 3        | Horizontal | 69          | 2.62       | -       | 19.66      | 27.62   | 5.95    | -       |
| AV   | 2.413G    | 104.52         | Inf            | -Inf        | 33.53       | 3        | Horizontal | 69          | 2.62       | -       | 70.99      | 27.55   | 5.98    | -       |
| PK   | 2.39G     | 66.98          | 74.00          | -7.02       | 33.57       | 3        | Horizontal | 69          | 2.62       | -       | 33.41      | 27.62   | 5.95    | -       |
| PK   | 2.413G    | 117.91         | Inf            | -Inf        | 33.53       | 3        | Horizontal | 69          | 2.62       | -       | 84.38      | 27.55   | 5.98    | -       |



802.11ax HEW20\_Nss1,(MCS0)\_4TX

2412MHz\_TX

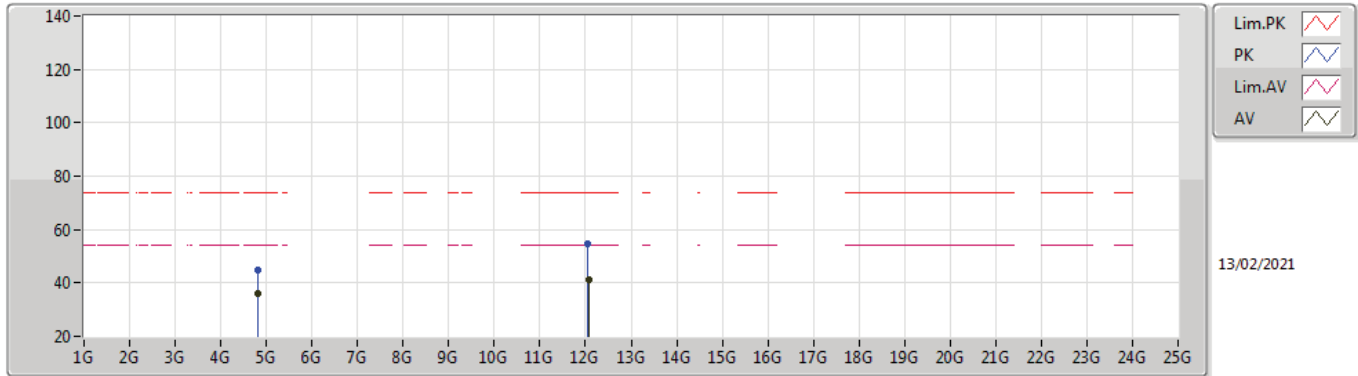


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 4.82396G  | 38.71          | 54.00          | -15.29      | 4.99        | 3        | Vertical  | 332         | 1.53       | -       | 33.72      | 31.00   | 8.27    | 34.28   |
| AV   | 12.06916G | 41.20          | 54.00          | -12.80      | 17.69       | 3        | Vertical  | 288         | 2.12       | -       | 23.51      | 39.01   | 13.05   | 34.37   |
| PK   | 4.82396G  | 45.17          | 74.00          | -28.83      | 4.99        | 3        | Vertical  | 332         | 1.53       | -       | 40.18      | 31.00   | 8.27    | 34.28   |
| PK   | 12.069G   | 54.78          | 74.00          | -19.22      | 17.69       | 3        | Vertical  | 288         | 2.12       | -       | 37.09      | 39.01   | 13.05   | 34.37   |



### 802.11ax HEW20\_Nss1,(MCS0)\_4TX

### 2412MHz\_TX

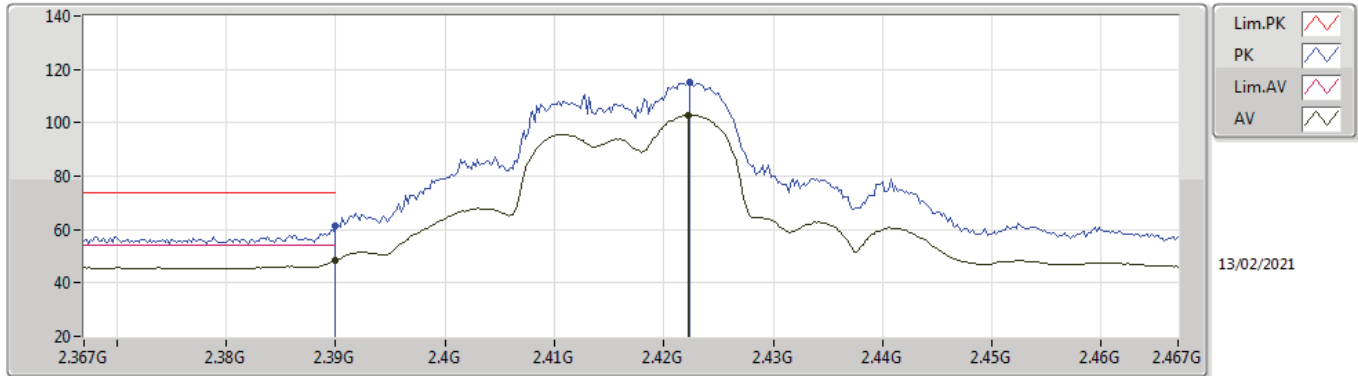


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 4.82396G  | 35.81          | 54.00          | -18.19      | 4.99        | 3        | Horizontal | 358         | 1.00       | -       | 30.82      | 31.00   | 8.27    | 34.28   |
| AV   | 12.06528G | 41.36          | 54.00          | -12.64      | 17.68       | 3        | Horizontal | 71          | 1.36       | -       | 23.68      | 39.00   | 13.05   | 34.37   |
| PK   | 4.82416G  | 44.78          | 74.00          | -29.22      | 4.99        | 3        | Horizontal | 358         | 1.00       | -       | 39.79      | 31.00   | 8.27    | 34.28   |
| PK   | 12.05204G | 54.84          | 74.00          | -19.16      | 17.63       | 3        | Horizontal | 71          | 1.36       | -       | 37.21      | 38.96   | 13.04   | 34.37   |



### 802.11ax HEW20\_Nss1,(MCS0)\_4TX

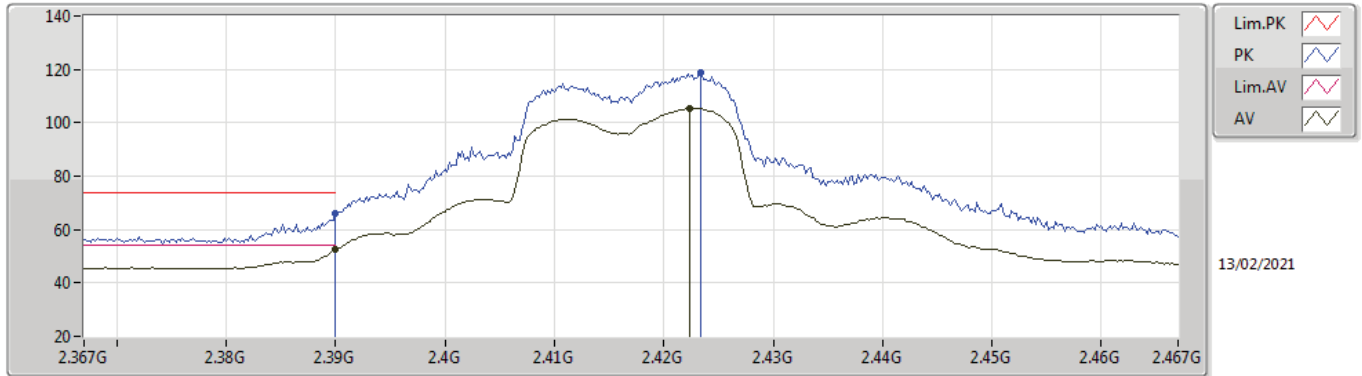
### 2417MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.39G     | 48.38          | 54.00          | -5.62       | 33.57       | 3        | Vertical  | 340         | 2.68       | -       | 14.81      | 27.62   | 5.95    | -       |
| AV   | 2.4222G   | 102.78         | Inf            | -Inf        | 33.50       | 3        | Vertical  | 340         | 2.68       | -       | 69.28      | 27.51   | 5.99    | -       |
| PK   | 2.39G     | 61.40          | 74.00          | -12.60      | 33.57       | 3        | Vertical  | 340         | 2.68       | -       | 27.83      | 27.62   | 5.95    | -       |
| PK   | 2.4224G   | 114.96         | Inf            | -Inf        | 33.50       | 3        | Vertical  | 340         | 2.68       | -       | 81.46      | 27.51   | 5.99    | -       |

### 802.11ax HEW20\_Nss1,(MCS0)\_4TX

### 2417MHz\_TX

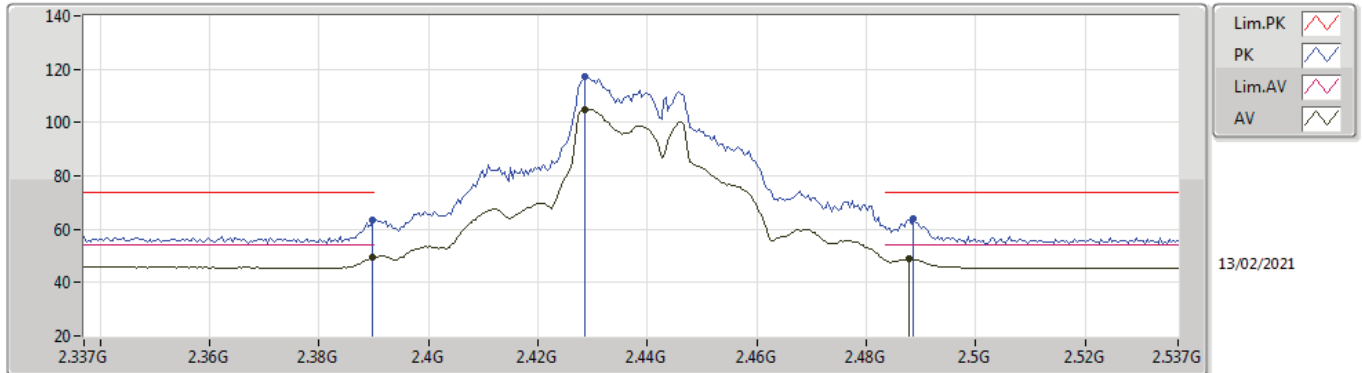


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.39G     | 52.56          | 54.00          | -1.44       | 33.57       | 3        | Horizontal | 333         | 2.95       | -       | 18.99      | 27.62   | 5.95    | -       |
| AV   | 2.4224G   | 105.38         | Inf            | -Inf        | 33.50       | 3        | Horizontal | 333         | 2.95       | -       | 71.88      | 27.51   | 5.99    | -       |
| PK   | 2.39G     | 65.95          | 74.00          | -8.05       | 33.57       | 3        | Horizontal | 333         | 2.95       | -       | 32.38      | 27.62   | 5.95    | -       |
| PK   | 2.4234G   | 118.61         | Inf            | -Inf        | 33.50       | 3        | Horizontal | 333         | 2.95       | -       | 85.11      | 27.51   | 5.99    | -       |



802.11ax HEW20\_Nss1,(MCS0)\_4TX

2437MHz\_TX

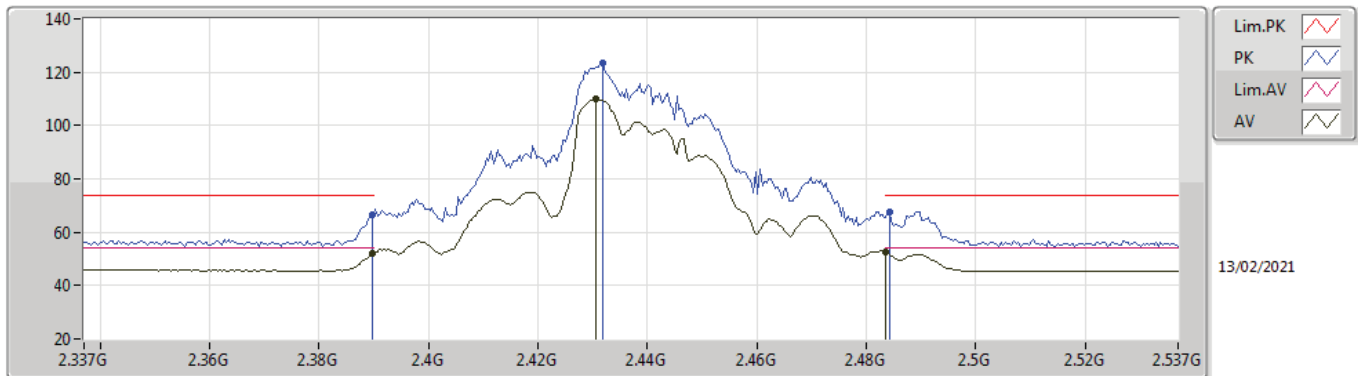


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.3898G   | 49.30          | 54.00          | -4.70       | 33.57       | 3        | Vertical  | 23          | 2.64       | -       | 15.73      | 27.62   | 5.95    | -       |
| AV   | 2.4286G   | 104.84         | Inf            | -Inf        | 33.48       | 3        | Vertical  | 23          | 2.64       | -       | 71.36      | 27.49   | 5.99    | -       |
| AV   | 2.4878G   | 48.75          | 54.00          | -5.25       | 33.47       | 3        | Vertical  | 23          | 2.64       | -       | 15.28      | 27.40   | 6.07    | -       |
| PK   | 2.3898G   | 63.19          | 74.00          | -10.81      | 33.57       | 3        | Vertical  | 23          | 2.64       | -       | 29.62      | 27.62   | 5.95    | -       |
| PK   | 2.4286G   | 117.06         | Inf            | -Inf        | 33.48       | 3        | Vertical  | 23          | 2.64       | -       | 83.58      | 27.49   | 5.99    | -       |
| PK   | 2.4886G   | 63.73          | 74.00          | -10.27      | 33.47       | 3        | Vertical  | 23          | 2.64       | -       | 30.26      | 27.40   | 6.07    | -       |



802.11ax HEW20\_Nss1,(MCS0)\_4TX

2437MHz\_TX

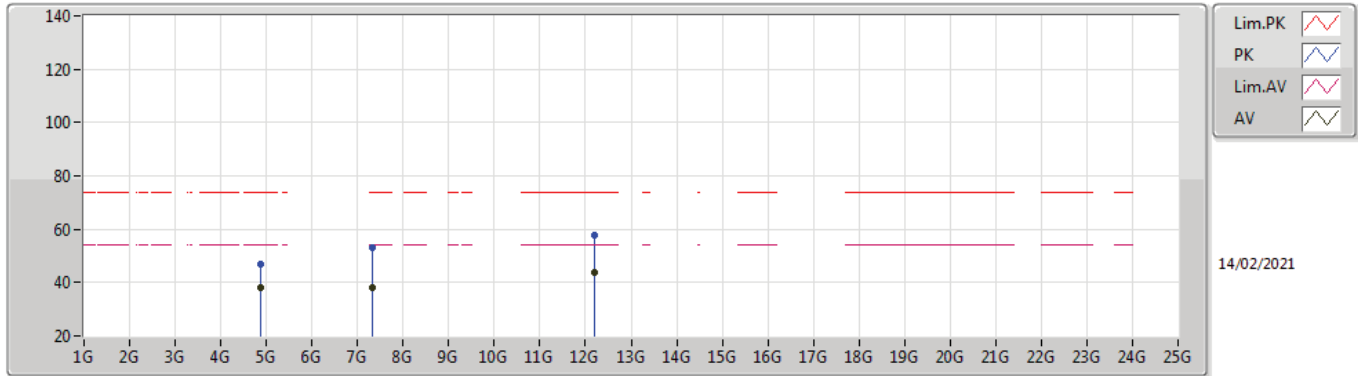


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.3898G   | 51.96          | 54.00          | -2.04       | 33.57       | 3        | Horizontal | 311         | 2.88       | -       | 18.39      | 27.62   | 5.95    | -       |
| AV   | 2.4306G   | 109.96         | Inf            | -Inf        | 33.48       | 3        | Horizontal | 311         | 2.88       | -       | 76.48      | 27.48   | 6.00    | -       |
| AV   | 2.4835G   | 52.44          | 54.00          | -1.56       | 33.46       | 3        | Horizontal | 311         | 2.88       | -       | 18.98      | 27.40   | 6.06    | -       |
| PK   | 2.3898G   | 66.58          | 74.00          | -7.42       | 33.57       | 3        | Horizontal | 311         | 2.88       | -       | 33.01      | 27.62   | 5.95    | -       |
| PK   | 2.4318G   | 123.22         | Inf            | -Inf        | 33.47       | 3        | Horizontal | 311         | 2.88       | -       | 89.75      | 27.47   | 6.00    | -       |
| PK   | 2.4842G   | 67.61          | 74.00          | -6.39       | 33.46       | 3        | Horizontal | 311         | 2.88       | -       | 34.15      | 27.40   | 6.06    | -       |



### 802.11ax HEW20\_Nss1,(MCS0)\_4TX

### 2437MHz\_TX

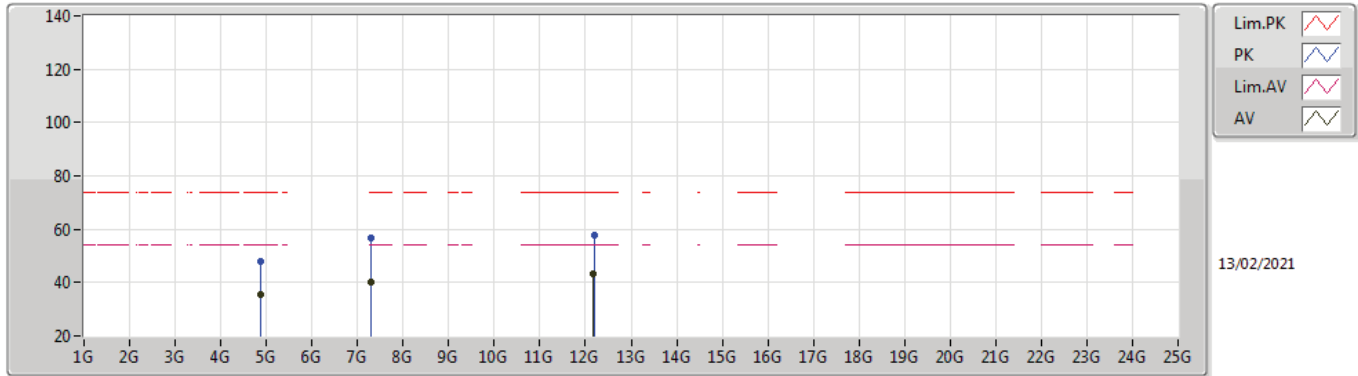


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 4.874G    | 38.21          | 54.00          | -15.79      | 5.09        | 3        | Vertical  | 337         | 1.42       | -       | 33.12      | 31.05   | 8.30    | 34.26   |
| AV   | 7.31514G  | 37.85          | 54.00          | -16.15      | 11.80       | 3        | Vertical  | 357         | 1.50       | -       | 26.05      | 36.34   | 10.03   | 34.57   |
| AV   | 12.18596G | 43.81          | 54.00          | -10.19      | 17.82       | 3        | Vertical  | 84          | 2.97       | -       | 25.99      | 39.01   | 13.12   | 34.31   |
| PK   | 4.87394G  | 46.84          | 74.00          | -27.16      | 5.09        | 3        | Vertical  | 337         | 1.42       | -       | 41.75      | 31.05   | 8.30    | 34.26   |
| PK   | 7.3188G   | 52.95          | 74.00          | -21.05      | 11.78       | 3        | Vertical  | 357         | 1.50       | -       | 41.17      | 36.32   | 10.03   | 34.57   |
| PK   | 12.18548G | 57.67          | 74.00          | -16.33      | 17.82       | 3        | Vertical  | 84          | 2.97       | -       | 39.85      | 39.01   | 13.12   | 34.31   |



### 802.11ax HEW20\_Nss1,(MCS0)\_4TX

### 2437MHz\_TX

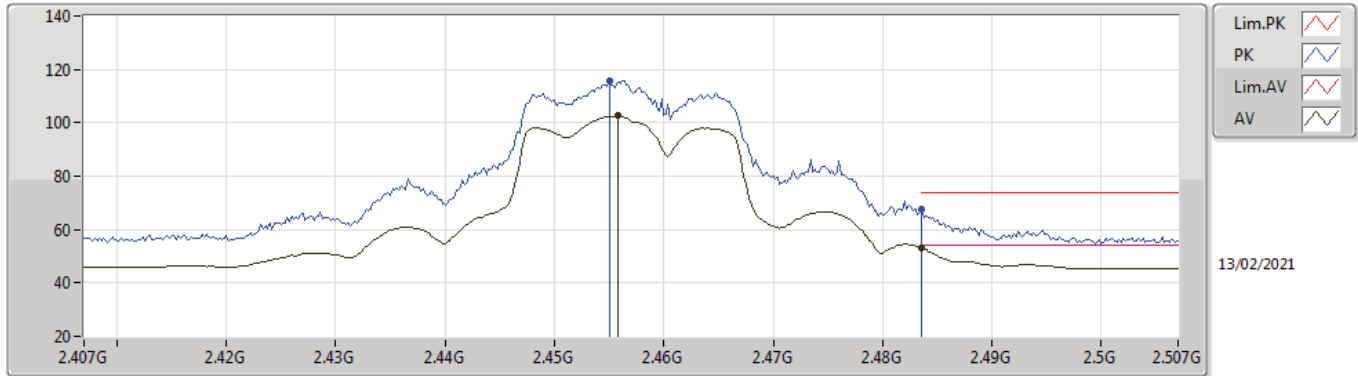


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 4.874G       | 35.35             | 54.00             | -18.65         | 5.09           | 3           | Horizontal | 333            | 2.47          | -       | 30.26         | 31.05      | 8.30       | 34.26      |
| AV   | 7.3068G      | 40.10             | 54.00             | -13.90         | 11.83          | 3           | Horizontal | 316            | 1.35          | -       | 28.27         | 36.37      | 10.03      | 34.57      |
| AV   | 12.18218G    | 43.37             | 54.00             | -10.63         | 17.83          | 3           | Horizontal | 93             | 1.40          | -       | 25.54         | 39.02      | 13.12      | 34.31      |
| PK   | 4.87454G     | 48.01             | 74.00             | -25.99         | 5.09           | 3           | Horizontal | 333            | 2.47          | -       | 42.92         | 31.05      | 8.30       | 34.26      |
| PK   | 7.30638G     | 56.67             | 74.00             | -17.33         | 11.83          | 3           | Horizontal | 316            | 1.35          | -       | 44.84         | 36.37      | 10.03      | 34.57      |
| PK   | 12.18398G    | 57.77             | 74.00             | -16.23         | 17.83          | 3           | Horizontal | 93             | 1.40          | -       | 39.94         | 39.02      | 13.12      | 34.31      |



802.11ax HEW20\_Nss1,(MCS0)\_4TX

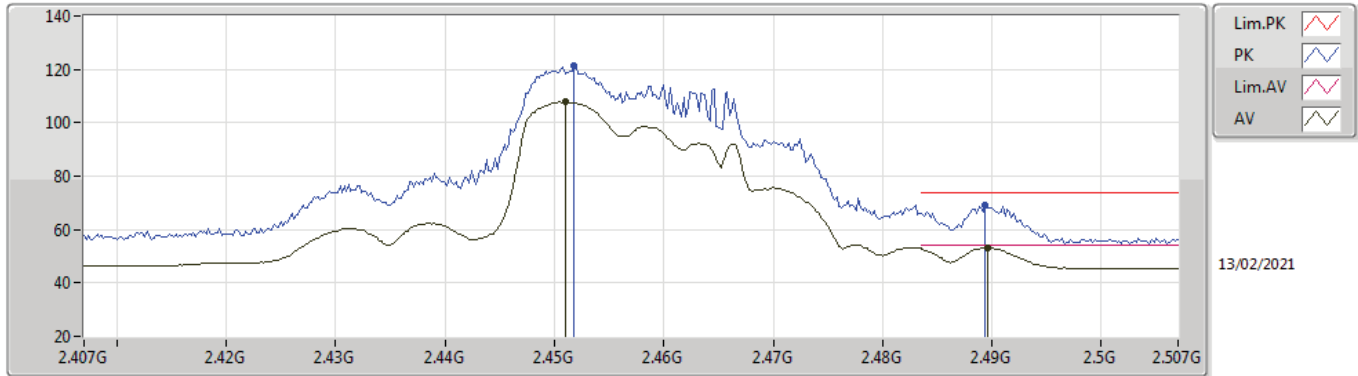
2457MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.4558G   | 102.62         | Inf            | -Inf        | 33.43       | 3        | Vertical  | 48          | 2.82       | -       | 69.19      | 27.40   | 6.03    | -       |
| AV   | 2.4835G   | 53.23          | 54.00          | -0.77       | 33.46       | 3        | Vertical  | 48          | 2.82       | -       | 19.77      | 27.40   | 6.06    | -       |
| PK   | 2.455G    | 115.86         | Inf            | -Inf        | 33.43       | 3        | Vertical  | 48          | 2.82       | -       | 82.43      | 27.40   | 6.03    | -       |
| PK   | 2.4836G   | 67.61          | 74.00          | -6.39       | 33.46       | 3        | Vertical  | 48          | 2.82       | -       | 34.15      | 27.40   | 6.06    | -       |

### 802.11ax HEW20\_Nss1,(MCS0)\_4TX

### 2457MHz\_TX



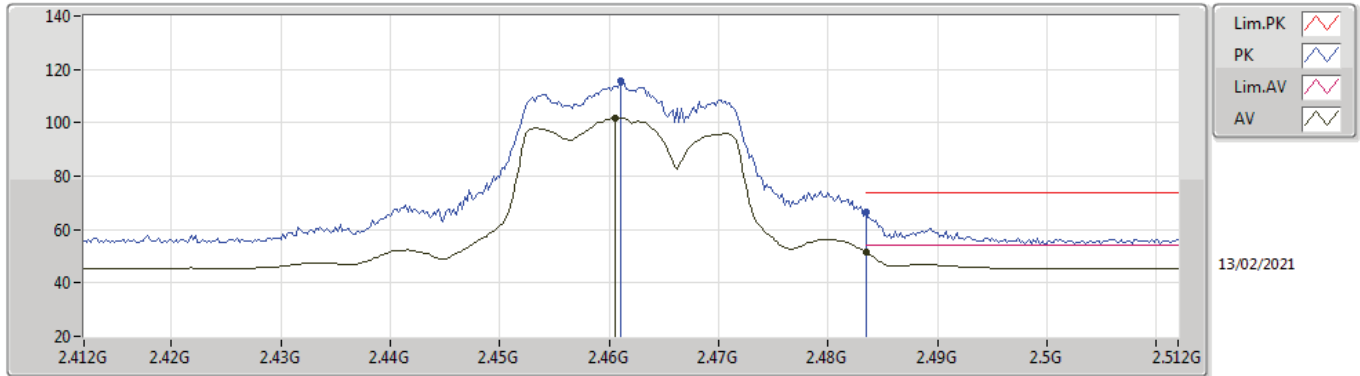
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.451G    | 107.91         | Inf            | -Inf        | 33.42       | 3        | Horizontal | 314         | 2.83       | -       | 74.49      | 27.40   | 6.02    | -       |
| AV   | 2.4896G   | 53.21          | 54.00          | -0.79       | 33.47       | 3        | Horizontal | 314         | 2.83       | -       | 19.74      | 27.40   | 6.07    | -       |
| PK   | 2.4518G   | 121.25         | Inf            | -Inf        | 33.42       | 3        | Horizontal | 314         | 2.83       | -       | 87.83      | 27.40   | 6.02    | -       |
| PK   | 2.4894G   | 68.99          | 74.00          | -5.01       | 33.47       | 3        | Horizontal | 314         | 2.83       | -       | 35.52      | 27.40   | 6.07    | -       |





### 802.11ax HEW20\_Nss1,(MCS0)\_4TX

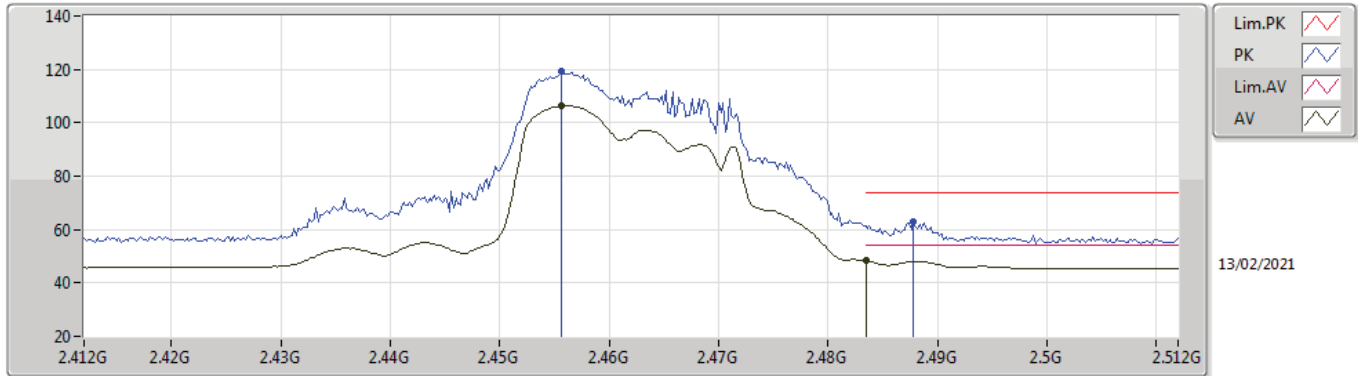
### 2462MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.4606G   | 101.84         | Inf            | -Inf        | 33.43       | 3        | Vertical  | 41          | 2.73       | -       | 68.41      | 27.40   | 6.03    | -       |
| AV   | 2.4835G   | 51.65          | 54.00          | -2.35       | 33.46       | 3        | Vertical  | 41          | 2.73       | -       | 18.19      | 27.40   | 6.06    | -       |
| PK   | 2.461G    | 115.44         | Inf            | -Inf        | 33.43       | 3        | Vertical  | 41          | 2.73       | -       | 82.01      | 27.40   | 6.03    | -       |
| PK   | 2.4835G   | 66.70          | 74.00          | -7.30       | 33.46       | 3        | Vertical  | 41          | 2.73       | -       | 33.24      | 27.40   | 6.06    | -       |

### 802.11ax HEW20\_Nss1,(MCS0)\_4TX

### 2462MHz\_TX

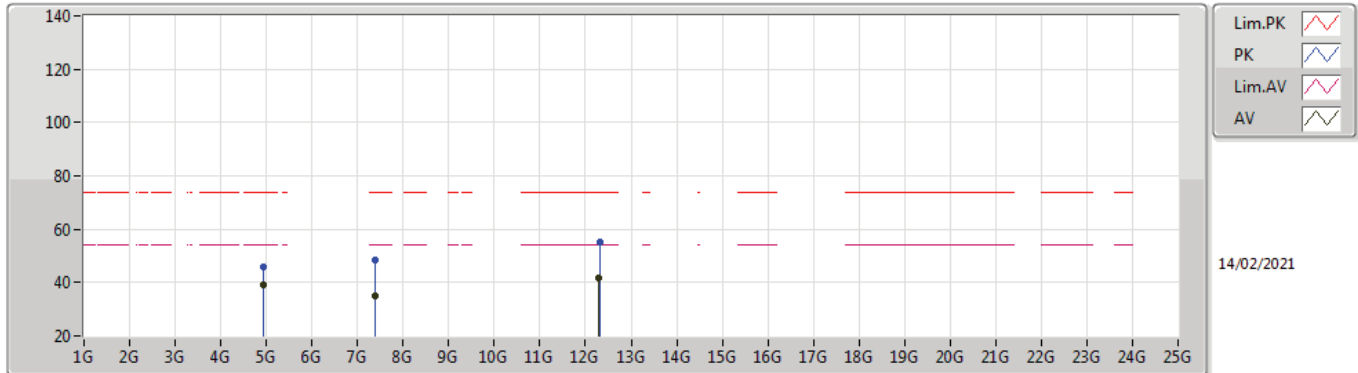


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.4556G   | 106.37         | Inf            | -Inf        | 33.43       | 3        | Horizontal | 314         | 2.84       | -       | 72.94      | 27.40   | 6.03    | -       |
| AV   | 2.4835G   | 48.43          | 54.00          | -5.57       | 33.46       | 3        | Horizontal | 314         | 2.84       | -       | 14.97      | 27.40   | 6.06    | -       |
| PK   | 2.4556G   | 119.07         | Inf            | -Inf        | 33.43       | 3        | Horizontal | 314         | 2.84       | -       | 85.64      | 27.40   | 6.03    | -       |
| PK   | 2.4878G   | 62.74          | 74.00          | -11.26      | 33.47       | 3        | Horizontal | 314         | 2.84       | -       | 29.27      | 27.40   | 6.07    | -       |



### 802.11ax HEW20\_Nss1,(MCS0)\_4TX

### 2462MHz\_TX

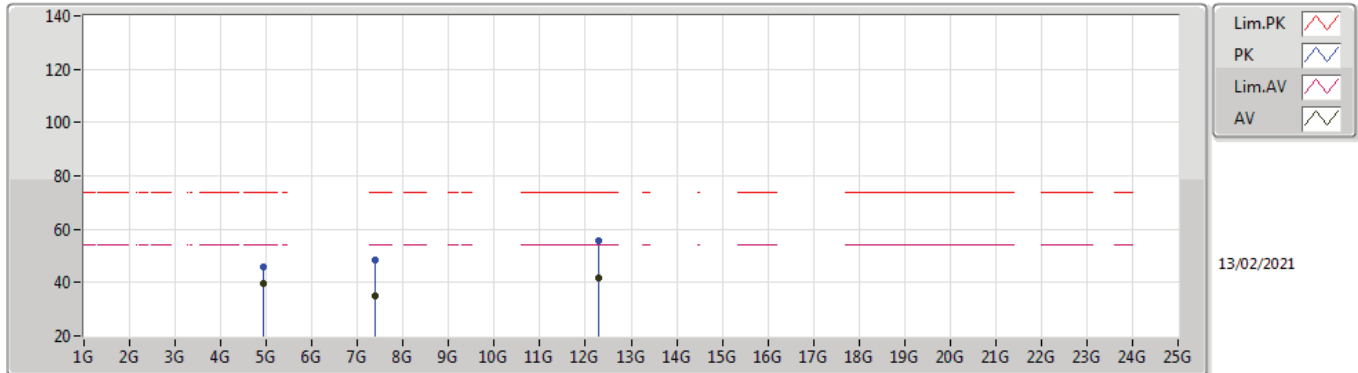


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 4.924G    | 39.39          | 54.00          | -14.61      | 5.18        | 3        | Vertical  | 47          | 1.33       | -       | 34.21      | 31.10   | 8.33    | 34.25   |
| AV   | 7.37796G  | 35.05          | 54.00          | -18.95      | 11.61       | 3        | Vertical  | 111         | 1.61       | -       | 23.44      | 36.14   | 10.05   | 34.58   |
| AV   | 12.3037G  | 41.59          | 54.00          | -12.41      | 17.74       | 3        | Vertical  | 261         | 1.30       | -       | 23.85      | 38.79   | 13.20   | 34.25   |
| PK   | 4.924G    | 45.73          | 74.00          | -28.27      | 5.18        | 3        | Vertical  | 47          | 1.33       | -       | 40.55      | 31.10   | 8.33    | 34.25   |
| PK   | 7.39614G  | 48.69          | 74.00          | -25.31      | 11.57       | 3        | Vertical  | 111         | 1.61       | -       | 37.12      | 36.11   | 10.05   | 34.59   |
| PK   | 12.3064G  | 55.24          | 74.00          | -18.76      | 17.73       | 3        | Vertical  | 261         | 1.30       | -       | 37.51      | 38.78   | 13.20   | 34.25   |



### 802.11ax HEW20\_Nss1,(MCS0)\_4TX

### 2462MHz\_TX

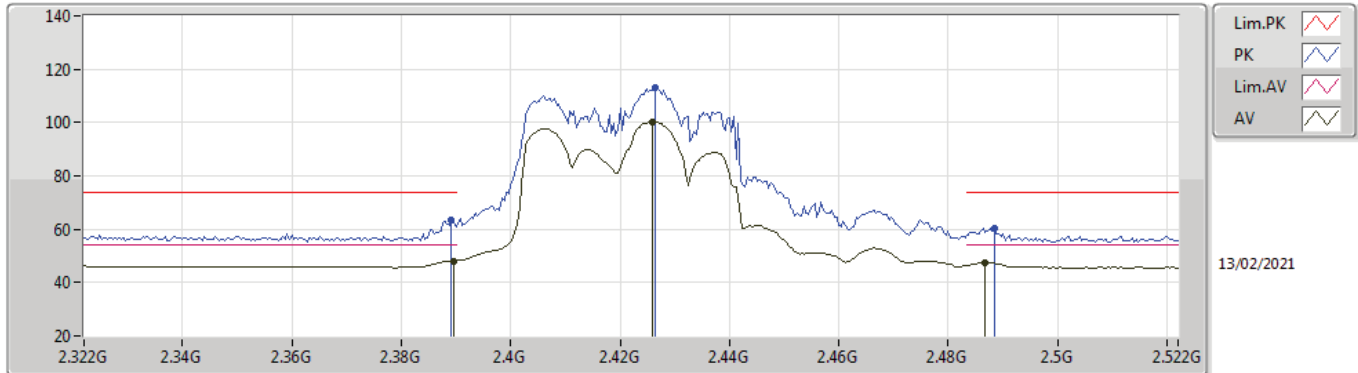


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 4.92394G  | 39.41          | 54.00          | -14.59      | 5.18        | 3        | Horizontal | 75          | 1.91       | -       | 34.23      | 31.10   | 8.33    | 34.25   |
| AV   | 7.37574G  | 35.06          | 54.00          | -18.94      | 11.62       | 3        | Horizontal | 7           | 2.06       | -       | 23.44      | 36.15   | 10.05   | 34.58   |
| AV   | 12.2977G  | 41.61          | 54.00          | -12.39      | 17.74       | 3        | Horizontal | 313         | 1.44       | -       | 23.87      | 38.80   | 13.19   | 34.25   |
| PK   | 4.924G    | 45.96          | 74.00          | -28.04      | 5.18        | 3        | Horizontal | 75          | 1.91       | -       | 40.78      | 31.10   | 8.33    | 34.25   |
| PK   | 7.38696G  | 48.45          | 74.00          | -25.55      | 11.60       | 3        | Horizontal | 7           | 2.06       | -       | 36.85      | 36.13   | 10.05   | 34.58   |
| PK   | 12.29662G | 55.55          | 74.00          | -18.45      | 17.75       | 3        | Horizontal | 313         | 1.44       | -       | 37.80      | 38.81   | 13.19   | 34.25   |



802.11ax HEW40\_Nss1,(MCS0)\_4TX

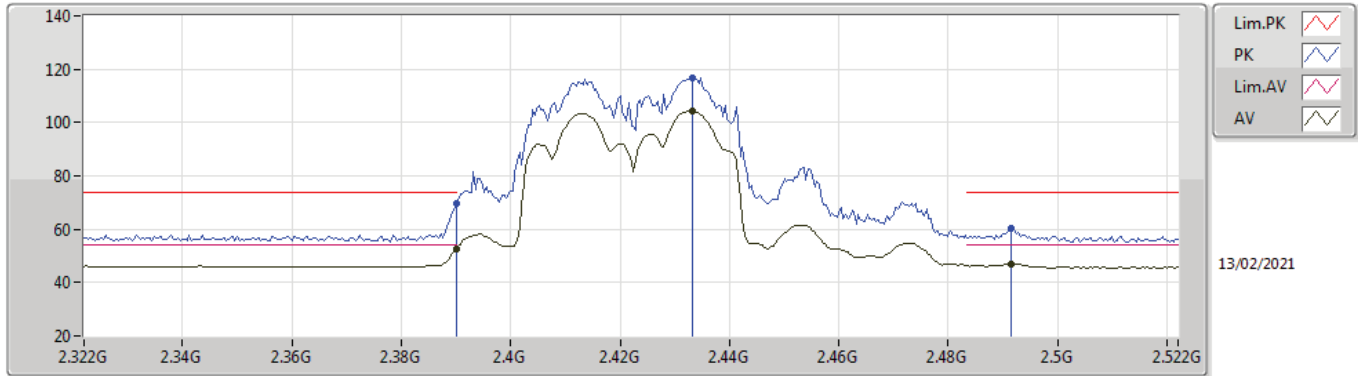
2422MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.3896G   | 48.18          | 54.00          | -5.82       | 33.57       | 3        | Vertical  | 39          | 3.00       | -       | 14.61      | 27.62   | 5.95    | -       |
| AV   | 2.426G    | 100.35         | Inf            | -Inf        | 33.49       | 3        | Vertical  | 39          | 3.00       | -       | 66.86      | 27.50   | 5.99    | -       |
| AV   | 2.4868G   | 47.45          | 54.00          | -6.55       | 33.46       | 3        | Vertical  | 39          | 3.00       | -       | 13.99      | 27.40   | 6.06    | -       |
| PK   | 2.3892G   | 63.70          | 74.00          | -10.30      | 33.57       | 3        | Vertical  | 39          | 3.00       | -       | 30.13      | 27.62   | 5.95    | -       |
| PK   | 2.4264G   | 113.12         | Inf            | -Inf        | 33.48       | 3        | Vertical  | 39          | 3.00       | -       | 79.64      | 27.49   | 5.99    | -       |
| PK   | 2.4884G   | 60.58          | 74.00          | -13.42      | 33.47       | 3        | Vertical  | 39          | 3.00       | -       | 27.11      | 27.40   | 6.07    | -       |

### 802.11ax HEW40\_Nss1,(MCS0)\_4TX

### 2422MHz\_TX

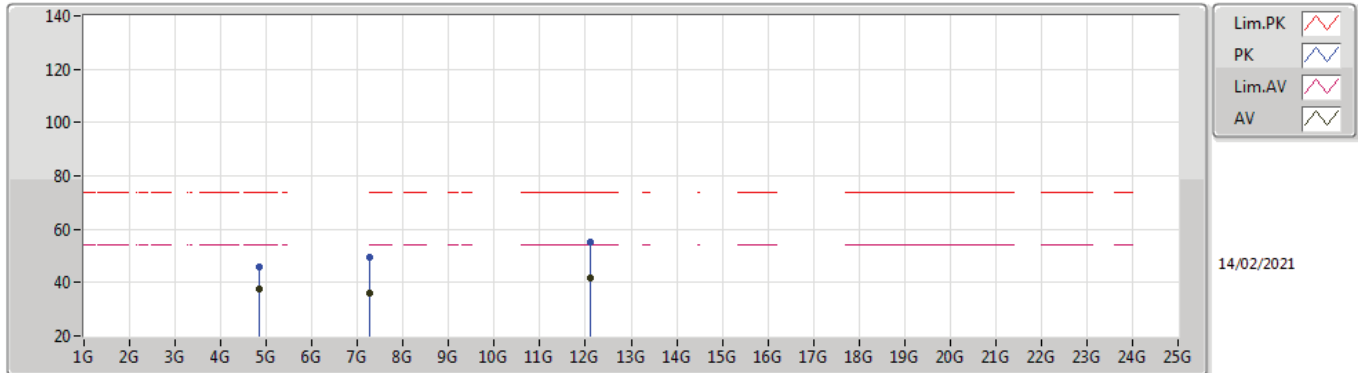


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.39G     | 52.54          | 54.00          | -1.46       | 33.57       | 3        | Horizontal | 68          | 1.00       | -       | 18.97      | 27.62   | 5.95    | -       |
| AV   | 2.4332G   | 104.50         | Inf            | -Inf        | 33.47       | 3        | Horizontal | 68          | 1.00       | -       | 71.03      | 27.47   | 6.00    | -       |
| AV   | 2.4916G   | 47.03          | 54.00          | -6.97       | 33.47       | 3        | Horizontal | 68          | 1.00       | -       | 13.56      | 27.40   | 6.07    | -       |
| PK   | 2.39G     | 69.50          | 74.00          | -4.50       | 33.57       | 3        | Horizontal | 68          | 1.00       | -       | 35.93      | 27.62   | 5.95    | -       |
| PK   | 2.4332G   | 116.80         | Inf            | -Inf        | 33.47       | 3        | Horizontal | 68          | 1.00       | -       | 83.33      | 27.47   | 6.00    | -       |
| PK   | 2.4916G   | 60.51          | 74.00          | -13.49      | 33.47       | 3        | Horizontal | 68          | 1.00       | -       | 27.04      | 27.40   | 6.07    | -       |



### 802.11ax HEW40\_Nss1,(MCS0)\_4TX

### 2422MHz\_TX

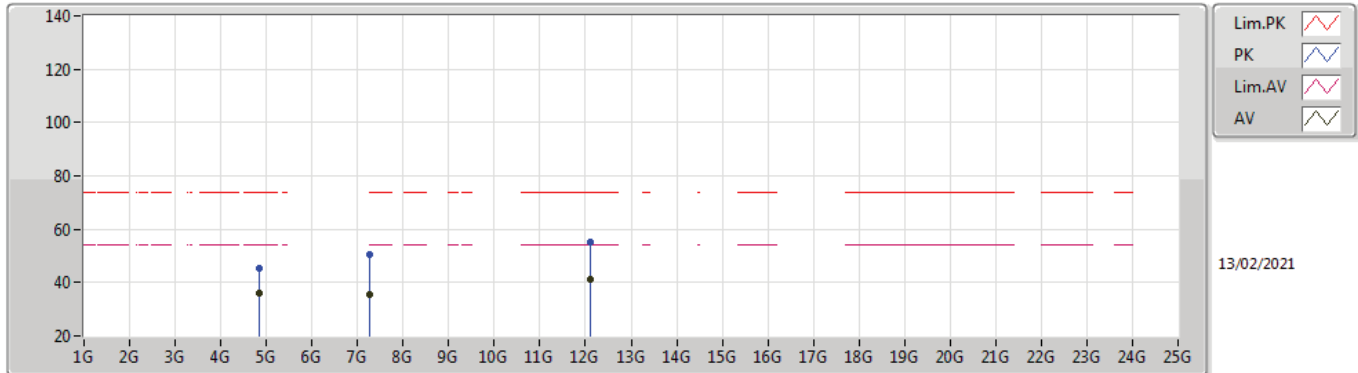


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 4.84399G  | 37.58          | 54.00          | -16.42      | 5.09        | 3        | Vertical  | 336         | 1.50       | -       | 32.49      | 31.08   | 8.28    | 34.27   |
| AV   | 7.26718G  | 35.78          | 54.00          | -18.22      | 11.72       | 3        | Vertical  | 322         | 2.39       | -       | 24.06      | 36.27   | 10.02   | 34.57   |
| AV   | 12.10909G | 41.64          | 54.00          | -12.36      | 17.82       | 3        | Vertical  | 121         | 1.93       | -       | 23.82      | 39.09   | 13.08   | 34.35   |
| PK   | 4.84415G  | 45.88          | 74.00          | -28.12      | 5.09        | 3        | Vertical  | 336         | 1.50       | -       | 40.79      | 31.08   | 8.28    | 34.27   |
| PK   | 7.26738G  | 49.60          | 74.00          | -24.40      | 11.72       | 3        | Vertical  | 322         | 2.39       | -       | 37.88      | 36.27   | 10.02   | 34.57   |
| PK   | 12.11002G | 55.24          | 74.00          | -18.76      | 17.83       | 3        | Vertical  | 121         | 1.93       | -       | 37.41      | 39.09   | 13.08   | 34.34   |



### 802.11ax HEW40\_Nss1,(MCS0)\_4TX

### 2422MHz\_TX



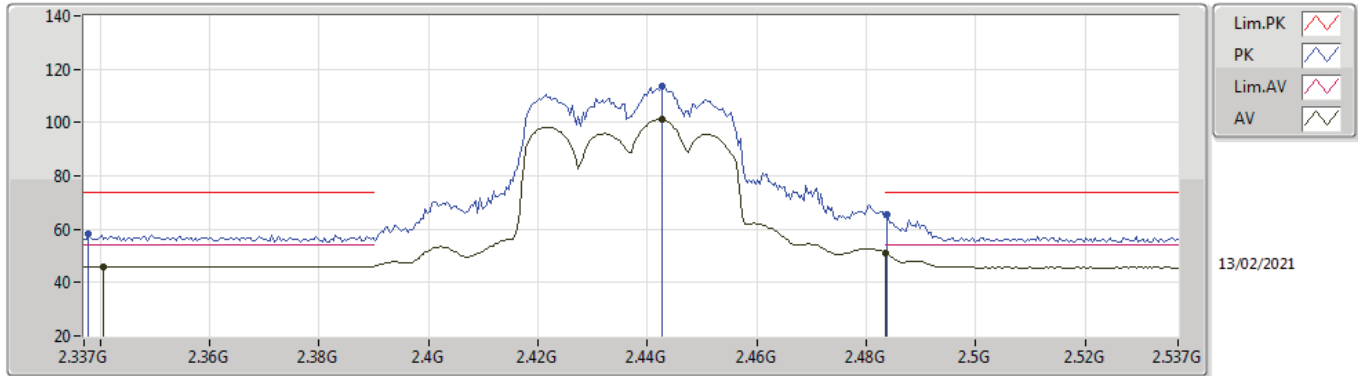
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 4.84396G  | 36.05          | 54.00          | -17.95      | 5.09        | 3        | Horizontal | 360         | 1.29       | -       | 30.96      | 31.08   | 8.28    | 34.27   |
| AV   | 7.26766G  | 35.67          | 54.00          | -18.33      | 11.72       | 3        | Horizontal | 123         | 1.48       | -       | 23.95      | 36.27   | 10.02   | 34.57   |
| AV   | 12.10845G | 41.43          | 54.00          | -12.57      | 17.82       | 3        | Horizontal | 35          | 1.60       | -       | 23.61      | 39.09   | 13.08   | 34.35   |
| PK   | 4.84411G  | 45.33          | 74.00          | -28.67      | 5.09        | 3        | Horizontal | 360         | 1.29       | -       | 40.24      | 31.08   | 8.28    | 34.27   |
| PK   | 7.26397G  | 50.51          | 74.00          | -23.49      | 11.71       | 3        | Horizontal | 123         | 1.48       | -       | 38.80      | 36.26   | 10.02   | 34.57   |
| PK   | 12.11118G | 55.09          | 74.00          | -18.91      | 17.83       | 3        | Horizontal | 35          | 1.60       | -       | 37.26      | 39.09   | 13.08   | 34.34   |





### 802.11ax HEW40\_Nss1,(MCS0)\_4TX

### 2437MHz\_TX

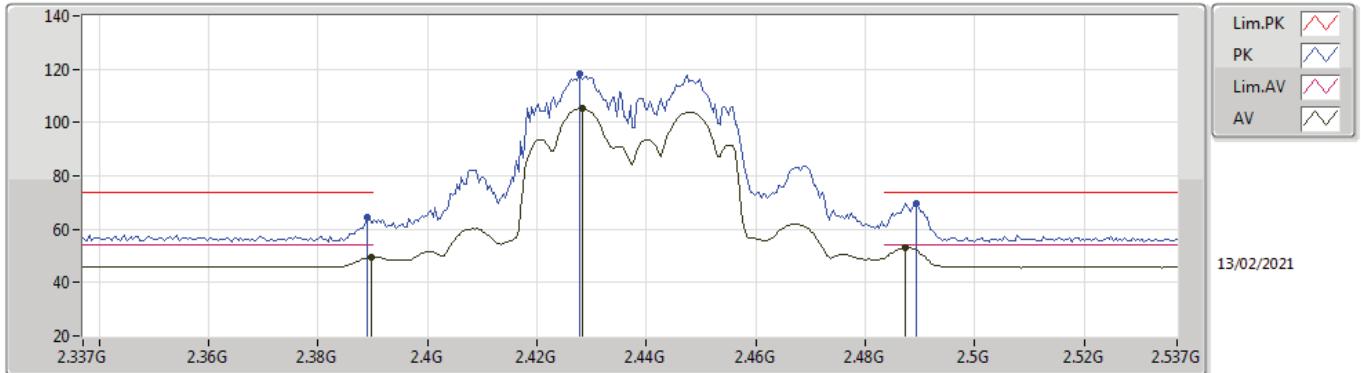


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.3406G   | 46.12          | 54.00          | -7.88       | 33.66       | 3        | Vertical  | 38          | 2.81       | -       | 12.46      | 27.74   | 5.92    | -       |
| AV   | 2.4426G   | 101.21         | Inf            | -Inf        | 33.44       | 3        | Vertical  | 38          | 2.81       | -       | 67.77      | 27.43   | 6.01    | -       |
| AV   | 2.4835G   | 51.01          | 54.00          | -2.99       | 33.46       | 3        | Vertical  | 38          | 2.81       | -       | 17.55      | 27.40   | 6.06    | -       |
| PK   | 2.3378G   | 58.26          | 74.00          | -15.74      | 33.66       | 3        | Vertical  | 38          | 2.81       | -       | 24.60      | 27.75   | 5.91    | -       |
| PK   | 2.4426G   | 113.86         | Inf            | -Inf        | 33.44       | 3        | Vertical  | 38          | 2.81       | -       | 80.42      | 27.43   | 6.01    | -       |
| PK   | 2.4838G   | 65.36          | 74.00          | -8.64       | 33.46       | 3        | Vertical  | 38          | 2.81       | -       | 31.90      | 27.40   | 6.06    | -       |



802.11ax HEW40\_Nss1,(MCS0)\_4TX

2437MHz\_TX

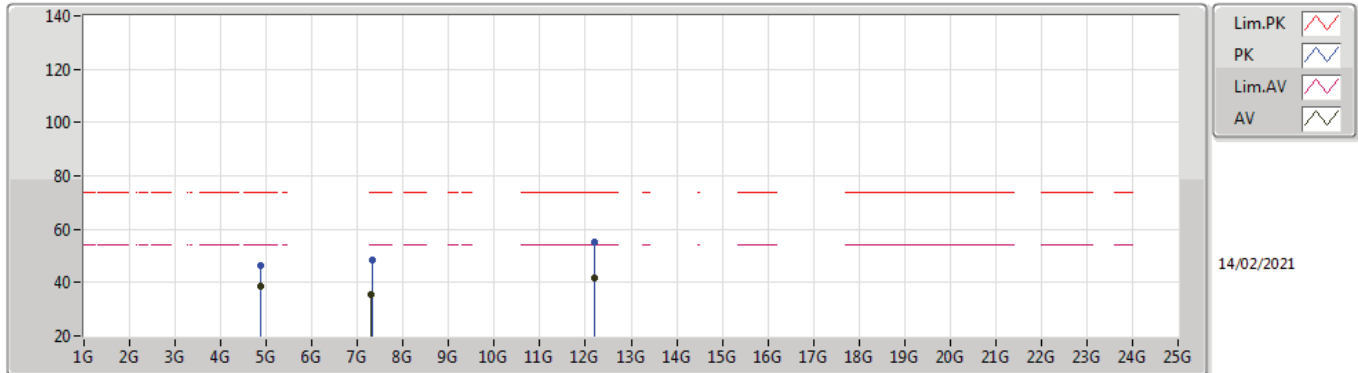


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.3898G   | 49.61          | 54.00          | -4.39       | 33.57       | 3        | Horizontal | 69          | 1.00       | -       | 16.04      | 27.62   | 5.95    | -       |
| AV   | 2.4282G   | 105.15         | Inf            | -Inf        | 33.48       | 3        | Horizontal | 69          | 1.00       | -       | 71.67      | 27.49   | 5.99    | -       |
| AV   | 2.4874G   | 52.95          | 54.00          | -1.05       | 33.46       | 3        | Horizontal | 69          | 1.00       | -       | 19.49      | 27.40   | 6.06    | -       |
| PK   | 2.389G    | 64.39          | 74.00          | -9.61       | 33.57       | 3        | Horizontal | 69          | 1.00       | -       | 30.82      | 27.62   | 5.95    | -       |
| PK   | 2.4278G   | 118.09         | Inf            | -Inf        | 33.48       | 3        | Horizontal | 69          | 1.00       | -       | 84.61      | 27.49   | 5.99    | -       |
| PK   | 2.4894G   | 69.83          | 74.00          | -4.17       | 33.47       | 3        | Horizontal | 69          | 1.00       | -       | 36.36      | 27.40   | 6.07    | -       |



802.11ax HEW40\_Nss1,(MCS0)\_4TX

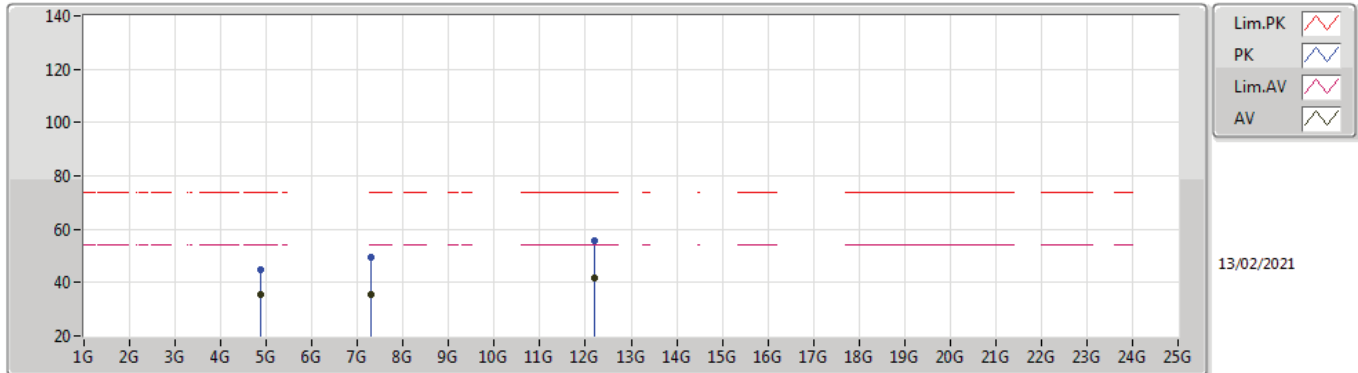
2437MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 4.87395G  | 38.39          | 54.00          | -15.61      | 5.09        | 3        | Vertical  | 341         | 1.47       | -       | 33.30      | 31.05   | 8.30    | 34.26   |
| AV   | 7.30965G  | 35.28          | 54.00          | -18.72      | 11.82       | 3        | Vertical  | 350         | 1.36       | -       | 23.46      | 36.36   | 10.03   | 34.57   |
| AV   | 12.18587G | 41.53          | 54.00          | -12.47      | 17.82       | 3        | Vertical  | 27          | 2.49       | -       | 23.71      | 39.01   | 13.12   | 34.31   |
| PK   | 4.87393G  | 46.23          | 74.00          | -27.77      | 5.09        | 3        | Vertical  | 341         | 1.47       | -       | 41.14      | 31.05   | 8.30    | 34.26   |
| PK   | 7.31089G  | 48.55          | 74.00          | -25.45      | 11.82       | 3        | Vertical  | 350         | 1.36       | -       | 36.73      | 36.36   | 10.03   | 34.57   |
| PK   | 12.18588G | 55.40          | 74.00          | -18.60      | 17.82       | 3        | Vertical  | 27          | 2.49       | -       | 37.58      | 39.01   | 13.12   | 34.31   |

### 802.11ax HEW40\_Nss1,(MCS0)\_4TX

### 2437MHz\_TX

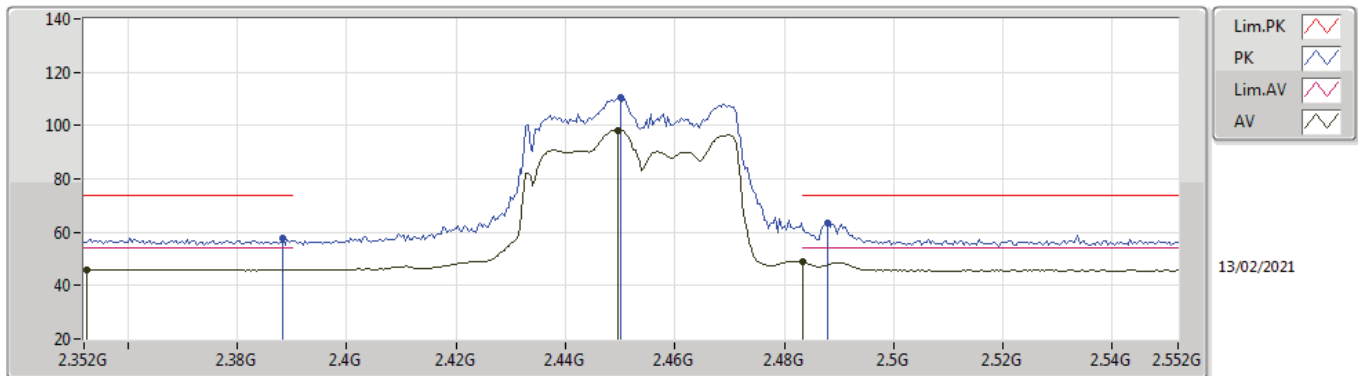


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 4.874G    | 35.47          | 54.00          | -18.53      | 5.09        | 3        | Horizontal | 360         | 1.14       | -       | 30.38      | 31.05   | 8.30    | 34.26   |
| AV   | 7.30957G  | 35.35          | 54.00          | -18.65      | 11.82       | 3        | Horizontal | 59          | 2.18       | -       | 23.53      | 36.36   | 10.03   | 34.57   |
| AV   | 12.18573G | 41.54          | 54.00          | -12.46      | 17.82       | 3        | Horizontal | 189         | 1.91       | -       | 23.72      | 39.01   | 13.12   | 34.31   |
| PK   | 4.87396G  | 44.89          | 74.00          | -29.11      | 5.09        | 3        | Horizontal | 360         | 1.14       | -       | 39.80      | 31.05   | 8.30    | 34.26   |
| PK   | 7.30952G  | 49.26          | 74.00          | -24.74      | 11.82       | 3        | Horizontal | 59          | 2.18       | -       | 37.44      | 36.36   | 10.03   | 34.57   |
| PK   | 12.1838G  | 55.92          | 74.00          | -18.08      | 17.83       | 3        | Horizontal | 189         | 1.91       | -       | 38.09      | 39.02   | 13.12   | 34.31   |



802.11ax HEW40\_Nss1,(MCS0)\_4TX

2452MHz\_TX

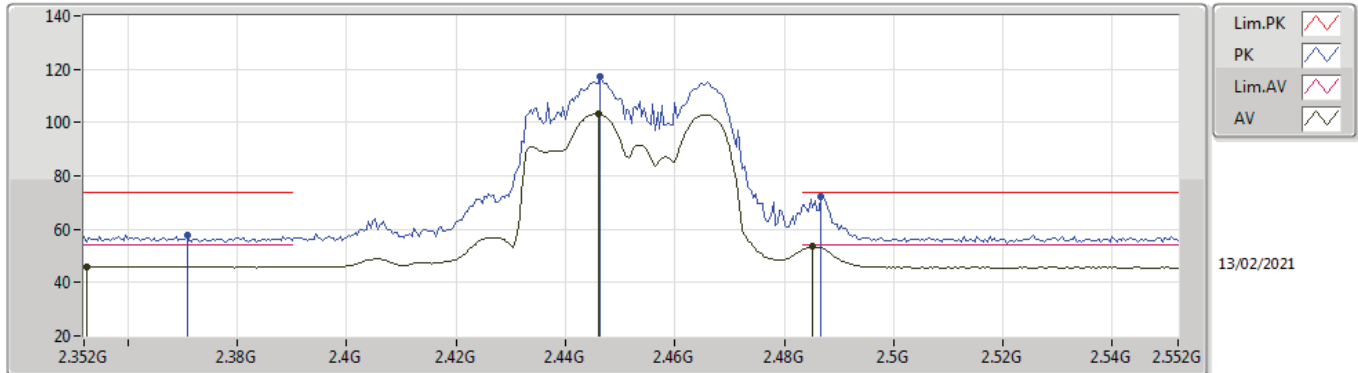


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.3524G   | 45.93          | 54.00          | -8.07       | 33.62       | 3        | Vertical  | 51          | 2.94       | -       | 12.31      | 27.70   | 5.92    | -       |
| AV   | 2.4496G   | 98.30          | Inf            | -Inf        | 33.42       | 3        | Vertical  | 51          | 2.94       | -       | 64.88      | 27.40   | 6.02    | -       |
| AV   | 2.4835G   | 48.72          | 54.00          | -5.28       | 33.46       | 3        | Vertical  | 51          | 2.94       | -       | 15.26      | 27.40   | 6.06    | -       |
| PK   | 2.3884G   | 57.60          | 74.00          | -16.40      | 33.57       | 3        | Vertical  | 51          | 2.94       | -       | 24.03      | 27.62   | 5.95    | -       |
| PK   | 2.45G     | 110.26         | Inf            | -Inf        | 33.42       | 3        | Vertical  | 51          | 2.94       | -       | 76.84      | 27.40   | 6.02    | -       |
| PK   | 2.488G    | 63.70          | 74.00          | -10.30      | 33.47       | 3        | Vertical  | 51          | 2.94       | -       | 30.23      | 27.40   | 6.07    | -       |



802.11ax HEW40\_Nss1,(MCS0)\_4TX

2452MHz\_TX



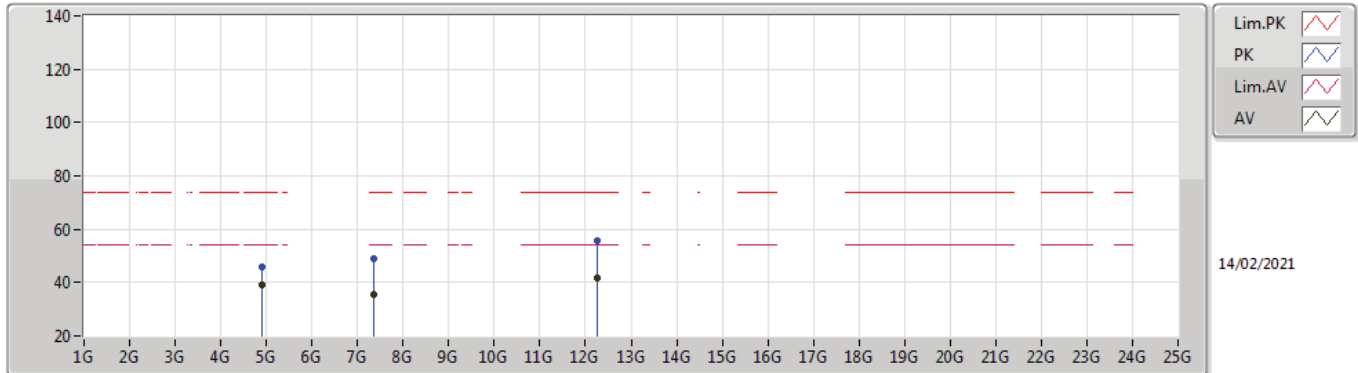
13/02/2021

| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.3524G   | 46.00          | 54.00          | -8.00       | 33.62       | 3        | Horizontal | 320         | 2.86       | -       | 12.38      | 27.70   | 5.92    | -       |
| AV   | 2.446G    | 103.24         | Inf            | -Inf        | 33.44       | 3        | Horizontal | 320         | 2.86       | -       | 69.80      | 27.42   | 6.02    | -       |
| AV   | 2.4852G   | 53.38          | 54.00          | -0.62       | 33.46       | 3        | Horizontal | 320         | 2.86       | -       | 19.92      | 27.40   | 6.06    | -       |
| PK   | 2.3708G   | 58.00          | 74.00          | -16.00      | 33.60       | 3        | Horizontal | 320         | 2.86       | -       | 24.40      | 27.66   | 5.94    | -       |
| PK   | 2.4464G   | 117.05         | Inf            | -Inf        | 33.43       | 3        | Horizontal | 320         | 2.86       | -       | 83.62      | 27.41   | 6.02    | -       |
| PK   | 2.4868G   | 72.50          | 74.00          | -1.50       | 33.46       | 3        | Horizontal | 320         | 2.86       | -       | 39.04      | 27.40   | 6.06    | -       |



### 802.11ax HEW40\_Nss1,(MCS0)\_4TX

### 2452MHz\_TX

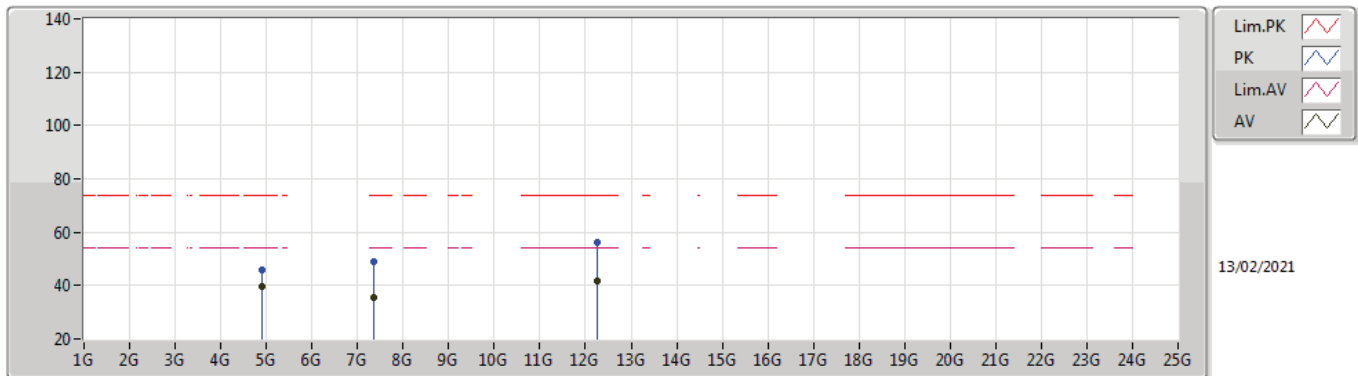


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 4.90395G  | 39.36          | 54.00          | -14.64      | 5.09        | 3        | Vertical  | 342         | 1.27       | -       | 34.27      | 31.02   | 8.32    | 34.25   |
| AV   | 7.35541G  | 35.43          | 54.00          | -18.57      | 11.65       | 3        | Vertical  | 311         | 1.09       | -       | 23.78      | 36.19   | 10.04   | 34.58   |
| AV   | 12.26G    | 41.81          | 54.00          | -12.19      | 17.78       | 3        | Vertical  | 43          | 1.29       | -       | 24.03      | 38.88   | 13.17   | 34.27   |
| PK   | 4.9039G   | 45.78          | 74.00          | -28.22      | 5.09        | 3        | Vertical  | 342         | 1.27       | -       | 40.69      | 31.02   | 8.32    | 34.25   |
| PK   | 7.35718G  | 49.22          | 74.00          | -24.78      | 11.65       | 3        | Vertical  | 311         | 1.09       | -       | 37.57      | 36.19   | 10.04   | 34.58   |
| PK   | 12.25863G | 55.74          | 74.00          | -18.26      | 17.78       | 3        | Vertical  | 43          | 1.29       | -       | 37.96      | 38.88   | 13.17   | 34.27   |



### 802.11ax HEW40\_Nss1,(MCS0)\_4TX

### 2452MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 4.90398G  | 39.42          | 54.00          | -14.58      | 5.09        | 3        | Horizontal | 74          | 2.03       | -       | 34.33      | 31.02   | 8.32    | 34.25   |
| AV   | 7.35607G  | 35.43          | 54.00          | -18.57      | 11.65       | 3        | Horizontal | 31          | 2.36       | -       | 23.78      | 36.19   | 10.04   | 34.58   |
| AV   | 12.25885G | 41.76          | 54.00          | -12.24      | 17.78       | 3        | Horizontal | 300         | 1.74       | -       | 23.98      | 38.88   | 13.17   | 34.27   |
| PK   | 4.90381G  | 46.12          | 74.00          | -27.88      | 5.09        | 3        | Horizontal | 74          | 2.03       | -       | 41.03      | 31.02   | 8.32    | 34.25   |
| PK   | 7.35596G  | 49.01          | 74.00          | -24.99      | 11.65       | 3        | Horizontal | 31          | 2.36       | -       | 37.36      | 36.19   | 10.04   | 34.58   |
| PK   | 12.25939G | 56.03          | 74.00          | -17.97      | 17.78       | 3        | Horizontal | 300         | 1.74       | -       | 38.25      | 38.88   | 13.17   | 34.27   |





Summary

| Mode                         | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comments |
|------------------------------|--------|------|-----------|----------------|----------------|-------------|----------|-----------|-------------|------------|----------|
| 2.4-2.4835GHz                | -      | -    | -         | -              | -              | -           | -        | -         | -           | -          | -        |
| 802.11n HT40_Nss1,(MCS0)_1TX | Pass   | PK   | 39.7M     | 36.97          | 40.00          | -3.03       | 3        | Vertical  | 0           | 1.00       | -        |

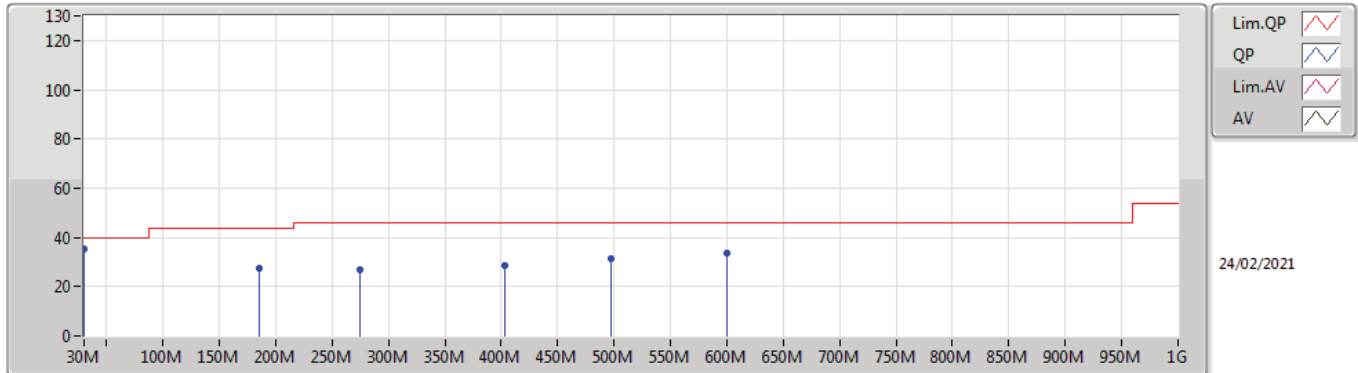


Result

| Mode                         | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comments |
|------------------------------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|----------|
| 802.11n HT40_Nss1 (MCS0)_1TX | -      | -    | -         | -              | -              | -           | -        | -          | -           | -          | -        |
| 2437MHz                      | Pass   | PK   | 185.2M    | 27.73          | 43.50          | -15.77      | 3        | Vertical   | 0           | 1.00       | -        |
| 2437MHz                      | Pass   | PK   | 274.44M   | 26.67          | 46.00          | -19.33      | 3        | Vertical   | 0           | 1.00       | -        |
| 2437MHz                      | Pass   | PK   | 402.48M   | 28.57          | 46.00          | -17.43      | 3        | Vertical   | 0           | 1.00       | -        |
| 2437MHz                      | Pass   | PK   | 497.54M   | 31.15          | 46.00          | -14.85      | 3        | Vertical   | 0           | 1.00       | -        |
| 2437MHz                      | Pass   | PK   | 600.36M   | 33.70          | 46.00          | -12.30      | 3        | Vertical   | 0           | 1.00       | -        |
| 2437MHz                      | Pass   | QP   | 30M       | 35.26          | 40.00          | -4.74       | 3        | Vertical   | 156         | 1.00       | -        |
| 2437MHz                      | Pass   | PK   | 30M       | 32.53          | 40.00          | -7.47       | 3        | Horizontal | 360         | 1.00       | -        |
| 2437MHz                      | Pass   | PK   | 47.46M    | 32.08          | 40.00          | -7.92       | 3        | Horizontal | 360         | 1.00       | -        |
| 2437MHz                      | Pass   | PK   | 274.44M   | 32.03          | 46.00          | -13.97      | 3        | Horizontal | 360         | 1.00       | -        |
| 2437MHz                      | Pass   | PK   | 418M      | 28.60          | 46.00          | -17.40      | 3        | Horizontal | 360         | 1.00       | -        |
| 2437MHz                      | Pass   | PK   | 573.2M    | 31.36          | 46.00          | -14.64      | 3        | Horizontal | 360         | 1.00       | -        |
| 2437MHz                      | Pass   | PK   | 798.24M   | 32.93          | 46.00          | -13.07      | 3        | Horizontal | 360         | 1.00       | -        |
| 2437MHz                      | Pass   | PK   | 39.7M     | 36.97          | 40.00          | -3.03       | 3        | Vertical   | 0           | 1.00       | -        |
| 2437MHz                      | Pass   | PK   | 59.1M     | 32.66          | 40.00          | -7.34       | 3        | Vertical   | 0           | 1.00       | -        |
| 2437MHz                      | Pass   | PK   | 175.5M    | 31.73          | 43.50          | -11.77      | 3        | Vertical   | 0           | 1.00       | -        |
| 2437MHz                      | Pass   | PK   | 346.22M   | 27.58          | 46.00          | -18.42      | 3        | Vertical   | 0           | 1.00       | -        |
| 2437MHz                      | Pass   | PK   | 600.36M   | 32.32          | 46.00          | -13.68      | 3        | Vertical   | 0           | 1.00       | -        |
| 2437MHz                      | Pass   | PK   | 813.76M   | 33.34          | 46.00          | -12.66      | 3        | Vertical   | 0           | 1.00       | -        |
| 2437MHz                      | Pass   | PK   | 47.46M    | 32.27          | 40.00          | -7.73       | 3        | Horizontal | 360         | 1.00       | -        |
| 2437MHz                      | Pass   | PK   | 154.16M   | 28.89          | 43.50          | -14.61      | 3        | Horizontal | 360         | 1.00       | -        |
| 2437MHz                      | Pass   | PK   | 225.94M   | 27.98          | 46.00          | -18.02      | 3        | Horizontal | 360         | 1.00       | -        |
| 2437MHz                      | Pass   | PK   | 416.06M   | 29.88          | 46.00          | -16.12      | 3        | Horizontal | 360         | 1.00       | -        |
| 2437MHz                      | Pass   | PK   | 600.36M   | 33.06          | 46.00          | -12.94      | 3        | Horizontal | 360         | 1.00       | -        |
| 2437MHz                      | Pass   | PK   | 858.38M   | 34.43          | 46.00          | -11.57      | 3        | Horizontal | 360         | 1.00       | -        |

### 802.11n HT40\_Nss1,(MCS0)\_1TX

### 2437MHz\_Adapter

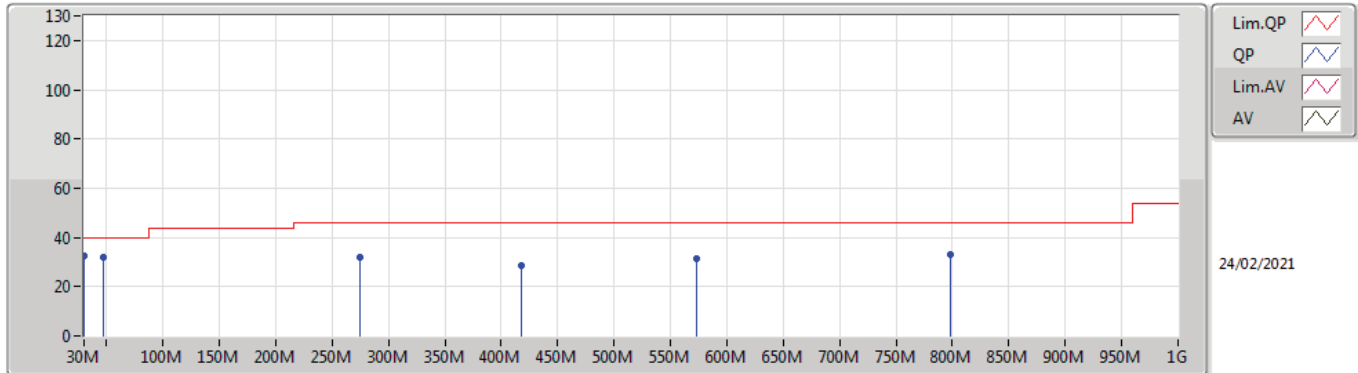


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| PK   | 185.2M    | 27.73          | 43.50          | -15.77      | -11.14      | 3        | Vertical  | 0           | 1.00       | -       | 38.87      | 14.23   | 2.03    | 27.40   |
| PK   | 274.44M   | 26.67          | 46.00          | -19.33      | -6.56       | 3        | Vertical  | 0           | 1.00       | -       | 33.23      | 17.99   | 2.50    | 27.05   |
| PK   | 402.48M   | 28.57          | 46.00          | -17.43      | -3.56       | 3        | Vertical  | 0           | 1.00       | -       | 32.13      | 21.18   | 3.01    | 27.75   |
| PK   | 497.54M   | 31.15          | 46.00          | -14.85      | -2.00       | 3        | Vertical  | 0           | 1.00       | -       | 33.15      | 22.78   | 3.49    | 28.27   |
| PK   | 600.36M   | 33.70          | 46.00          | -12.30      | -0.55       | 3        | Vertical  | 0           | 1.00       | -       | 34.25      | 23.97   | 3.80    | 28.32   |
| QP   | 30M       | 35.26          | 40.00          | -4.74       | -3.19       | 3        | Vertical  | 156         | 1.00       | -       | 38.45      | 23.32   | 0.70    | 27.21   |



### 802.11n HT40\_Nss1,(MCS0)\_1TX

### 2437MHz\_Adapter

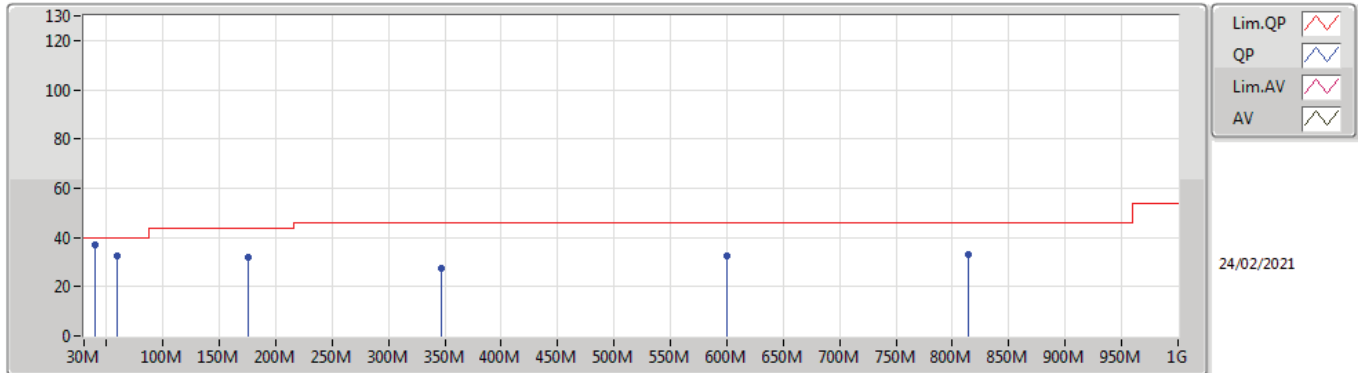


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| PK   | 30M       | 32.53          | 40.00          | -7.47       | -3.19       | 3        | Horizontal | 360         | 1.00       | -       | 35.72      | 23.32   | 0.70    | 27.21   |
| PK   | 47.46M    | 32.08          | 40.00          | -7.92       | -12.65      | 3        | Horizontal | 360         | 1.00       | -       | 44.73      | 14.05   | 0.95    | 27.65   |
| PK   | 274.44M   | 32.03          | 46.00          | -13.97      | -6.56       | 3        | Horizontal | 360         | 1.00       | -       | 38.59      | 17.99   | 2.50    | 27.05   |
| PK   | 418M      | 28.60          | 46.00          | -17.40      | -2.89       | 3        | Horizontal | 360         | 1.00       | -       | 31.49      | 21.89   | 3.07    | 27.85   |
| PK   | 573.2M    | 31.36          | 46.00          | -14.64      | -0.67       | 3        | Horizontal | 360         | 1.00       | -       | 32.03      | 23.98   | 3.69    | 28.34   |
| PK   | 798.24M   | 32.93          | 46.00          | -13.07      | 1.74        | 3        | Horizontal | 360         | 1.00       | -       | 31.19      | 25.04   | 4.49    | 27.79   |



### 802.11n HT40\_Nss1,(MCS0)\_1TX

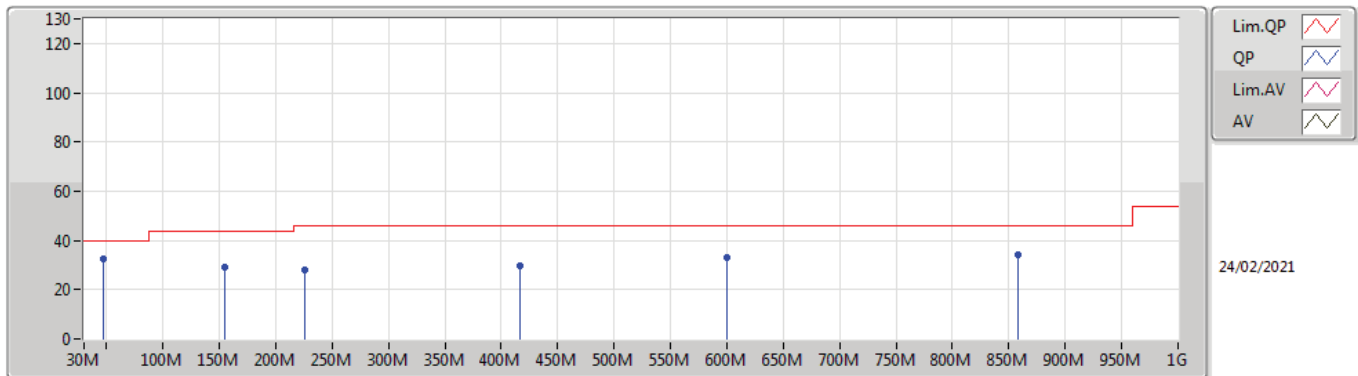
### 2437MHz\_PoE



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| PK   | 39.7M        | 36.97             | 40.00             | -3.03          | -8.55          | 3           | Vertical  | 0              | 1.00          | -       | 45.52         | 17.89      | 0.89       | 27.33      |
| PK   | 59.1M        | 32.66             | 40.00             | -7.34          | -15.04         | 3           | Vertical  | 0              | 1.00          | -       | 47.70         | 11.67      | 1.08       | 27.79      |
| PK   | 175.5M       | 31.73             | 43.50             | -11.77         | -10.88         | 3           | Vertical  | 0              | 1.00          | -       | 42.61         | 14.63      | 1.95       | 27.46      |
| PK   | 346.22M      | 27.58             | 46.00             | -18.42         | -5.14          | 3           | Vertical  | 0              | 1.00          | -       | 32.72         | 19.38      | 2.78       | 27.30      |
| PK   | 600.36M      | 32.32             | 46.00             | -13.68         | -0.55          | 3           | Vertical  | 0              | 1.00          | -       | 32.87         | 23.97      | 3.80       | 28.32      |
| PK   | 813.76M      | 33.34             | 46.00             | -12.66         | 1.90           | 3           | Vertical  | 0              | 1.00          | -       | 31.44         | 25.10      | 4.53       | 27.73      |

### 802.11n HT40\_Nss1,(MCS0)\_1TX

#### 2437MHz\_PoE



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| PK   | 47.46M    | 32.27          | 40.00          | -7.73       | -12.65      | 3        | Horizontal | 360         | 1.00       | -       | 44.92      | 14.05   | 0.95    | 27.65   |
| PK   | 154.16M   | 28.89          | 43.50          | -14.61      | -10.41      | 3        | Horizontal | 360         | 1.00       | -       | 39.30      | 15.38   | 1.77    | 27.56   |
| PK   | 225.94M   | 27.98          | 46.00          | -18.02      | -10.02      | 3        | Horizontal | 360         | 1.00       | -       | 38.00      | 14.89   | 2.26    | 27.17   |
| PK   | 416.06M   | 29.88          | 46.00          | -16.12      | -2.94       | 3        | Horizontal | 360         | 1.00       | -       | 32.82      | 21.84   | 3.06    | 27.84   |
| PK   | 600.36M   | 33.06          | 46.00          | -12.94      | -0.55       | 3        | Horizontal | 360         | 1.00       | -       | 33.61      | 23.97   | 3.80    | 28.32   |
| PK   | 858.38M   | 34.43          | 46.00          | -11.57      | 2.60        | 3        | Horizontal | 360         | 1.00       | -       | 31.83      | 25.54   | 4.63    | 27.57   |



Summary

| Mode                         | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comments |
|------------------------------|--------|------|-----------|----------------|----------------|-------------|----------|-----------|-------------|------------|----------|
| 2.4-2.4835GHz                | -      | -    | -         | -              | -              | -           | -        | -         | -           | -          | -        |
| 802.11b_Nss1,(1Mbps)_1TX     | Pass   | AV   | 2.4835G   | 52.76          | 54.00          | -1.24       | 3        | Vertical  | 235         | 2.80       | -        |
| 802.11g_Nss1,(6Mbps)_1TX     | Pass   | AV   | 2.4835G   | 53.43          | 54.00          | -0.57       | 3        | Vertical  | 234         | 2.81       | -        |
| 802.11n HT20_Nss1,(MCS0)_1TX | Pass   | AV   | 2.39G     | 53.11          | 54.00          | -0.89       | 3        | Vertical  | 146         | 2.95       | -        |
| 802.11n HT40_Nss1,(MCS0)_1TX | Pass   | AV   | 2.484G    | 53.24          | 54.00          | -0.76       | 3        | Vertical  | 325         | 2.58       | -        |



Result

| Mode                     | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comments |
|--------------------------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|----------|
| 802.11b_Nss1,(1Mbps)_1TX | -      | -    | -         | -              | -              | -           | -        | -          | -           | -          | -        |
| 2412MHz                  | Pass   | AV   | 2.39G     | 47.90          | 54.00          | -6.10       | 3        | Vertical   | 55          | 2.94       | -        |
| 2412MHz                  | Pass   | AV   | 2.4112G   | 108.59         | Inf            | -Inf        | 3        | Vertical   | 55          | 2.94       | -        |
| 2412MHz                  | Pass   | AV   | 2.484G    | 46.80          | 54.00          | -7.20       | 3        | Vertical   | 55          | 2.94       | -        |
| 2412MHz                  | Pass   | PK   | 2.3156G   | 57.96          | 74.00          | -16.04      | 3        | Vertical   | 55          | 2.94       | -        |
| 2412MHz                  | Pass   | PK   | 2.4132G   | 112.36         | Inf            | -Inf        | 3        | Vertical   | 55          | 2.94       | -        |
| 2412MHz                  | Pass   | PK   | 2.4864G   | 58.41          | 74.00          | -15.59      | 3        | Vertical   | 55          | 2.94       | -        |
| 2412MHz                  | Pass   | AV   | 2.3144G   | 46.29          | 54.00          | -7.71       | 3        | Horizontal | 193         | 1.66       | -        |
| 2412MHz                  | Pass   | AV   | 2.4128G   | 98.32          | Inf            | -Inf        | 3        | Horizontal | 193         | 1.66       | -        |
| 2412MHz                  | Pass   | AV   | 2.4872G   | 45.73          | 54.00          | -8.27       | 3        | Horizontal | 193         | 1.66       | -        |
| 2412MHz                  | Pass   | PK   | 2.346G    | 58.83          | 74.00          | -15.17      | 3        | Horizontal | 193         | 1.66       | -        |
| 2412MHz                  | Pass   | PK   | 2.4128G   | 102.32         | Inf            | -Inf        | 3        | Horizontal | 193         | 1.66       | -        |
| 2412MHz                  | Pass   | PK   | 2.4992G   | 57.01          | 74.00          | -16.99      | 3        | Horizontal | 193         | 1.66       | -        |
| 2412MHz                  | Pass   | AV   | 4.82396G  | 38.13          | 54.00          | -15.87      | 3        | Vertical   | 230         | 2.37       | -        |
| 2412MHz                  | Pass   | AV   | 12.05916G | 44.40          | 54.00          | -9.60       | 3        | Vertical   | 0           | 2.08       | -        |
| 2412MHz                  | Pass   | PK   | 4.82384G  | 46.22          | 74.00          | -27.78      | 3        | Vertical   | 230         | 2.37       | -        |
| 2412MHz                  | Pass   | PK   | 12.05928G | 56.18          | 74.00          | -17.82      | 3        | Vertical   | 0           | 2.08       | -        |
| 2412MHz                  | Pass   | AV   | 4.824G    | 35.81          | 54.00          | -18.19      | 3        | Horizontal | 21          | 2.77       | -        |
| 2412MHz                  | Pass   | AV   | 12.06056G | 41.53          | 54.00          | -12.47      | 3        | Horizontal | 215         | 1.50       | -        |
| 2412MHz                  | Pass   | PK   | 4.82386G  | 45.90          | 74.00          | -28.10      | 3        | Horizontal | 21          | 2.77       | -        |
| 2412MHz                  | Pass   | PK   | 12.06956G | 55.19          | 74.00          | -18.81      | 3        | Horizontal | 215         | 1.50       | -        |
| 2437MHz                  | Pass   | AV   | 2.3898G   | 48.09          | 54.00          | -5.91       | 3        | Vertical   | 235         | 2.80       | -        |
| 2437MHz                  | Pass   | AV   | 2.4362G   | 108.43         | Inf            | -Inf        | 3        | Vertical   | 235         | 2.80       | -        |
| 2437MHz                  | Pass   | AV   | 2.4835G   | 52.76          | 54.00          | -1.24       | 3        | Vertical   | 235         | 2.80       | -        |
| 2437MHz                  | Pass   | PK   | 2.3386G   | 58.15          | 74.00          | -15.85      | 3        | Vertical   | 235         | 2.80       | -        |
| 2437MHz                  | Pass   | PK   | 2.4378G   | 112.17         | Inf            | -Inf        | 3        | Vertical   | 235         | 2.80       | -        |
| 2437MHz                  | Pass   | PK   | 2.4838G   | 61.48          | 74.00          | -12.52      | 3        | Vertical   | 235         | 2.80       | -        |
| 2437MHz                  | Pass   | AV   | 2.341G    | 46.04          | 54.00          | -7.96       | 3        | Horizontal | 66          | 2.61       | -        |
| 2437MHz                  | Pass   | AV   | 2.4362G   | 99.75          | Inf            | -Inf        | 3        | Horizontal | 66          | 2.61       | -        |
| 2437MHz                  | Pass   | AV   | 2.4838G   | 46.64          | 54.00          | -7.36       | 3        | Horizontal | 66          | 2.61       | -        |
| 2437MHz                  | Pass   | PK   | 2.3814G   | 57.56          | 74.00          | -16.44      | 3        | Horizontal | 66          | 2.61       | -        |
| 2437MHz                  | Pass   | PK   | 2.4362G   | 103.45         | Inf            | -Inf        | 3        | Horizontal | 66          | 2.61       | -        |
| 2437MHz                  | Pass   | PK   | 2.4838G   | 58.28          | 74.00          | -15.72      | 3        | Horizontal | 66          | 2.61       | -        |
| 2437MHz                  | Pass   | AV   | 4.87398G  | 31.97          | 54.00          | -22.03      | 3        | Vertical   | 47          | 2.43       | -        |
| 2437MHz                  | Pass   | AV   | 7.31022G  | 40.04          | 54.00          | -13.96      | 3        | Vertical   | 352         | 1.83       | -        |
| 2437MHz                  | Pass   | AV   | 12.18418G | 44.48          | 54.00          | -9.52       | 3        | Vertical   | 360         | 2.01       | -        |
| 2437MHz                  | Pass   | PK   | 4.87374G  | 43.86          | 74.00          | -30.14      | 3        | Vertical   | 47          | 2.43       | -        |
| 2437MHz                  | Pass   | PK   | 7.31301G  | 51.57          | 74.00          | -22.43      | 3        | Vertical   | 352         | 1.83       | -        |
| 2437MHz                  | Pass   | PK   | 12.18352G | 56.75          | 74.00          | -17.25      | 3        | Vertical   | 360         | 2.01       | -        |
| 2437MHz                  | Pass   | AV   | 4.87389G  | 30.96          | 54.00          | -23.04      | 3        | Horizontal | 304         | 2.81       | -        |
| 2437MHz                  | Pass   | AV   | 7.31025G  | 41.28          | 54.00          | -12.72      | 3        | Horizontal | 7           | 2.29       | -        |
| 2437MHz                  | Pass   | AV   | 12.18382G | 42.32          | 54.00          | -11.68      | 3        | Horizontal | 155         | 3.00       | -        |
| 2437MHz                  | Pass   | PK   | 4.87154G  | 44.01          | 74.00          | -29.99      | 3        | Horizontal | 304         | 2.81       | -        |
| 2437MHz                  | Pass   | PK   | 7.31059G  | 51.90          | 74.00          | -22.10      | 3        | Horizontal | 7           | 2.29       | -        |
| 2437MHz                  | Pass   | PK   | 12.18532G | 56.45          | 74.00          | -17.55      | 3        | Horizontal | 155         | 3.00       | -        |
| 2462MHz                  | Pass   | AV   | 2.39G     | 46.08          | 54.00          | -7.92       | 3        | Vertical   | 54          | 2.87       | -        |
| 2462MHz                  | Pass   | AV   | 2.4612G   | 108.59         | Inf            | -Inf        | 3        | Vertical   | 54          | 2.87       | -        |
| 2462MHz                  | Pass   | AV   | 2.4835G   | 50.92          | 54.00          | -3.08       | 3        | Vertical   | 54          | 2.87       | -        |
| 2462MHz                  | Pass   | PK   | 2.3704G   | 57.64          | 74.00          | -16.36      | 3        | Vertical   | 54          | 2.87       | -        |
| 2462MHz                  | Pass   | PK   | 2.4612G   | 112.33         | Inf            | -Inf        | 3        | Vertical   | 54          | 2.87       | -        |
| 2462MHz                  | Pass   | PK   | 2.4835G   | 60.00          | 74.00          | -14.00      | 3        | Vertical   | 54          | 2.87       | -        |
| 2462MHz                  | Pass   | AV   | 2.3684G   | 45.90          | 54.00          | -8.10       | 3        | Horizontal | 72          | 2.30       | -        |
| 2462MHz                  | Pass   | AV   | 2.4612G   | 100.66         | Inf            | -Inf        | 3        | Horizontal | 72          | 2.30       | -        |
| 2462MHz                  | Pass   | AV   | 2.4835G   | 46.41          | 54.00          | -7.59       | 3        | Horizontal | 72          | 2.30       | -        |
| 2462MHz                  | Pass   | PK   | 2.3692G   | 57.87          | 74.00          | -16.13      | 3        | Horizontal | 72          | 2.30       | -        |
| 2462MHz                  | Pass   | PK   | 2.4612G   | 104.42         | Inf            | -Inf        | 3        | Horizontal | 72          | 2.30       | -        |
| 2462MHz                  | Pass   | PK   | 2.4928G   | 56.77          | 74.00          | -17.23      | 3        | Horizontal | 72          | 2.30       | -        |
| 2462MHz                  | Pass   | AV   | 4.92397G  | 32.92          | 54.00          | -21.08      | 3        | Vertical   | 122         | 2.71       | -        |
| 2462MHz                  | Pass   | AV   | 7.38522G  | 40.12          | 54.00          | -13.88      | 3        | Vertical   | 0           | 2.68       | -        |
| 2462MHz                  | Pass   | AV   | 12.30926G | 47.07          | 54.00          | -6.93       | 3        | Vertical   | 269         | 2.53       | -        |
| 2462MHz                  | Pass   | PK   | 4.92422G  | 44.41          | 74.00          | -29.59      | 3        | Vertical   | 122         | 2.71       | -        |





RSE TX above 1GHz\_Non-Beamforming\_Radio3

Appendix F.4

| Mode                     | Result | Type | Freq      | Level  | Limit | Margin | Dist | Condition  | Azimuth | Height | Comments |
|--------------------------|--------|------|-----------|--------|-------|--------|------|------------|---------|--------|----------|
| 2462MHz                  | Pass   | PK   | 7.38519G  | 51.37  | 74.00 | -22.63 | 3    | Vertical   | 0       | 2.68   | -        |
| 2462MHz                  | Pass   | PK   | 12.3084G  | 58.15  | 74.00 | -15.85 | 3    | Vertical   | 269     | 2.53   | -        |
| 2462MHz                  | Pass   | AV   | 4.924G    | 31.78  | 54.00 | -22.22 | 3    | Horizontal | 291     | 2.37   | -        |
| 2462MHz                  | Pass   | AV   | 7.38524G  | 41.65  | 54.00 | -12.35 | 3    | Horizontal | 6       | 2.20   | -        |
| 2462MHz                  | Pass   | AV   | 12.30836G | 42.67  | 54.00 | -11.33 | 3    | Horizontal | 245     | 1.00   | -        |
| 2462MHz                  | Pass   | PK   | 4.924G    | 43.78  | 74.00 | -30.22 | 3    | Horizontal | 291     | 2.37   | -        |
| 2462MHz                  | Pass   | PK   | 7.38664G  | 52.02  | 74.00 | -21.98 | 3    | Horizontal | 6       | 2.20   | -        |
| 2462MHz                  | Pass   | PK   | 12.31002G | 55.53  | 74.00 | -18.47 | 3    | Horizontal | 245     | 1.00   | -        |
| 802.11g_Nss1,(6Mbps)_1TX | -      | -    | -         | -      | -     | -      | -    | -          | -       | -      | -        |
| 2412MHz                  | Pass   | AV   | 2.39G     | 53.20  | 54.00 | -0.80  | 3    | Vertical   | 234     | 2.96   | -        |
| 2412MHz                  | Pass   | AV   | 2.418G    | 101.78 | Inf   | -Inf   | 3    | Vertical   | 234     | 2.96   | -        |
| 2412MHz                  | Pass   | AV   | 2.4835G   | 47.36  | 54.00 | -6.64  | 3    | Vertical   | 234     | 2.96   | -        |
| 2412MHz                  | Pass   | PK   | 2.3896G   | 65.01  | 74.00 | -8.99  | 3    | Vertical   | 234     | 2.96   | -        |
| 2412MHz                  | Pass   | PK   | 2.4176G   | 112.13 | Inf   | -Inf   | 3    | Vertical   | 234     | 2.96   | -        |
| 2412MHz                  | Pass   | PK   | 2.4892G   | 59.25  | 74.00 | -14.75 | 3    | Vertical   | 234     | 2.96   | -        |
| 2412MHz                  | Pass   | AV   | 2.39G     | 46.99  | 54.00 | -7.01  | 3    | Horizontal | 193     | 1.68   | -        |
| 2412MHz                  | Pass   | AV   | 2.4184G   | 91.52  | Inf   | -Inf   | 3    | Horizontal | 193     | 1.68   | -        |
| 2412MHz                  | Pass   | AV   | 2.4952G   | 45.97  | 54.00 | -8.03  | 3    | Horizontal | 193     | 1.68   | -        |
| 2412MHz                  | Pass   | PK   | 2.3716G   | 58.09  | 74.00 | -15.91 | 3    | Horizontal | 193     | 1.68   | -        |
| 2412MHz                  | Pass   | PK   | 2.4172G   | 101.34 | Inf   | -Inf   | 3    | Horizontal | 193     | 1.68   | -        |
| 2412MHz                  | Pass   | PK   | 2.4884G   | 57.40  | 74.00 | -16.60 | 3    | Horizontal | 193     | 1.68   | -        |
| 2412MHz                  | Pass   | AV   | 4.82397G  | 38.06  | 54.00 | -15.94 | 3    | Vertical   | 227     | 2.56   | -        |
| 2412MHz                  | Pass   | AV   | 12.06096G | 41.79  | 54.00 | -12.21 | 3    | Vertical   | 350     | 1.64   | -        |
| 2412MHz                  | Pass   | PK   | 4.82391G  | 45.50  | 74.00 | -28.50 | 3    | Vertical   | 227     | 2.56   | -        |
| 2412MHz                  | Pass   | PK   | 12.06266G | 55.17  | 74.00 | -18.83 | 3    | Vertical   | 350     | 1.64   | -        |
| 2412MHz                  | Pass   | AV   | 4.82398G  | 34.36  | 54.00 | -19.64 | 3    | Horizontal | 160     | 2.71   | -        |
| 2412MHz                  | Pass   | AV   | 12.05864G | 41.43  | 54.00 | -12.57 | 3    | Horizontal | 226     | 3.00   | -        |
| 2412MHz                  | Pass   | PK   | 4.82391G  | 44.55  | 74.00 | -29.45 | 3    | Horizontal | 160     | 2.71   | -        |
| 2412MHz                  | Pass   | PK   | 12.05857G | 54.59  | 74.00 | -19.41 | 3    | Horizontal | 226     | 3.00   | -        |
| 2417MHz                  | Pass   | AV   | 2.3898G   | 52.80  | 54.00 | -1.20  | 3    | Vertical   | 236     | 3.00   | -        |
| 2417MHz                  | Pass   | AV   | 2.4226G   | 103.45 | Inf   | -Inf   | 3    | Vertical   | 236     | 3.00   | -        |
| 2417MHz                  | Pass   | AV   | 2.4835G   | 47.81  | 54.00 | -6.19  | 3    | Vertical   | 236     | 3.00   | -        |
| 2417MHz                  | Pass   | PK   | 2.3898G   | 66.36  | 74.00 | -7.64  | 3    | Vertical   | 236     | 3.00   | -        |
| 2417MHz                  | Pass   | PK   | 2.4206G   | 113.90 | Inf   | -Inf   | 3    | Vertical   | 236     | 3.00   | -        |
| 2417MHz                  | Pass   | PK   | 2.4874G   | 59.14  | 74.00 | -14.86 | 3    | Vertical   | 236     | 3.00   | -        |
| 2417MHz                  | Pass   | AV   | 2.3898G   | 46.79  | 54.00 | -7.21  | 3    | Horizontal | 68      | 1.26   | -        |
| 2417MHz                  | Pass   | AV   | 2.4234G   | 93.41  | Inf   | -Inf   | 3    | Horizontal | 68      | 1.26   | -        |
| 2417MHz                  | Pass   | AV   | 2.4842G   | 46.09  | 54.00 | -7.91  | 3    | Horizontal | 68      | 1.26   | -        |
| 2417MHz                  | Pass   | PK   | 2.3482G   | 57.79  | 74.00 | -16.21 | 3    | Horizontal | 68      | 1.26   | -        |
| 2417MHz                  | Pass   | PK   | 2.421G    | 103.86 | Inf   | -Inf   | 3    | Horizontal | 68      | 1.26   | -        |
| 2417MHz                  | Pass   | PK   | 2.4942G   | 57.01  | 74.00 | -16.99 | 3    | Horizontal | 68      | 1.26   | -        |
| 2437MHz                  | Pass   | AV   | 2.3898G   | 50.02  | 54.00 | -3.98  | 3    | Vertical   | 236     | 2.87   | -        |
| 2437MHz                  | Pass   | AV   | 2.4306G   | 103.19 | Inf   | -Inf   | 3    | Vertical   | 236     | 2.87   | -        |
| 2437MHz                  | Pass   | AV   | 2.4838G   | 53.21  | 54.00 | -0.79  | 3    | Vertical   | 236     | 2.87   | -        |
| 2437MHz                  | Pass   | PK   | 2.3898G   | 60.77  | 74.00 | -13.23 | 3    | Vertical   | 236     | 2.87   | -        |
| 2437MHz                  | Pass   | PK   | 2.4306G   | 113.02 | Inf   | -Inf   | 3    | Vertical   | 236     | 2.87   | -        |
| 2437MHz                  | Pass   | PK   | 2.4874G   | 64.54  | 74.00 | -9.46  | 3    | Vertical   | 236     | 2.87   | -        |
| 2437MHz                  | Pass   | AV   | 2.3438G   | 46.40  | 54.00 | -7.60  | 3    | Horizontal | 66      | 2.34   | -        |
| 2437MHz                  | Pass   | AV   | 2.4318G   | 93.68  | Inf   | -Inf   | 3    | Horizontal | 66      | 2.34   | -        |
| 2437MHz                  | Pass   | AV   | 2.4835G   | 46.99  | 54.00 | -7.01  | 3    | Horizontal | 66      | 2.34   | -        |
| 2437MHz                  | Pass   | PK   | 2.3514G   | 57.64  | 74.00 | -16.36 | 3    | Horizontal | 66      | 2.34   | -        |
| 2437MHz                  | Pass   | PK   | 2.4334G   | 104.17 | Inf   | -Inf   | 3    | Horizontal | 66      | 2.34   | -        |
| 2437MHz                  | Pass   | PK   | 2.4854G   | 58.05  | 74.00 | -15.95 | 3    | Horizontal | 66      | 2.34   | -        |
| 2437MHz                  | Pass   | AV   | 4.8751G   | 30.10  | 54.00 | -23.90 | 3    | Vertical   | 1       | 2.60   | -        |
| 2437MHz                  | Pass   | AV   | 7.30804G  | 36.98  | 54.00 | -17.02 | 3    | Vertical   | 352     | 1.78   | -        |
| 2437MHz                  | Pass   | AV   | 12.1922G  | 41.97  | 54.00 | -12.03 | 3    | Vertical   | 136     | 1.41   | -        |
| 2437MHz                  | Pass   | PK   | 4.87138G  | 43.20  | 74.00 | -30.80 | 3    | Vertical   | 1       | 2.60   | -        |
| 2437MHz                  | Pass   | PK   | 7.30248G  | 50.82  | 74.00 | -23.18 | 3    | Vertical   | 352     | 1.78   | -        |
| 2437MHz                  | Pass   | PK   | 12.18696G | 55.51  | 74.00 | -18.49 | 3    | Vertical   | 136     | 1.41   | -        |
| 2437MHz                  | Pass   | AV   | 4.8762G   | 29.92  | 54.00 | -24.08 | 3    | Horizontal | 195     | 1.50   | -        |
| 2437MHz                  | Pass   | AV   | 7.308G    | 37.47  | 54.00 | -16.53 | 3    | Horizontal | 7       | 2.28   | -        |
| 2437MHz                  | Pass   | AV   | 12.191G   | 42.00  | 54.00 | -12.00 | 3    | Horizontal | 263     | 1.62   | -        |
| 2437MHz                  | Pass   | PK   | 4.87404G  | 43.35  | 74.00 | -30.65 | 3    | Horizontal | 195     | 1.50   | -        |



RSE TX above 1GHz\_Non-Beamforming\_Radio3

Appendix F.4

| Mode                         | Result | Type | Freq      | Level  | Limit | Margin | Dist | Condition  | Azimuth | Height | Comments |
|------------------------------|--------|------|-----------|--------|-------|--------|------|------------|---------|--------|----------|
| 2437MHz                      | Pass   | PK   | 7.3196G   | 51.62  | 74.00 | -22.38 | 3    | Horizontal | 7       | 2.28   | -        |
| 2437MHz                      | Pass   | PK   | 12.17932G | 55.34  | 74.00 | -18.66 | 3    | Horizontal | 263     | 1.62   | -        |
| 2457MHz                      | Pass   | AV   | 2.3898G   | 46.51  | 54.00 | -7.49  | 3    | Vertical   | 234     | 2.81   | -        |
| 2457MHz                      | Pass   | AV   | 2.461G    | 103.01 | Inf   | -Inf   | 3    | Vertical   | 234     | 2.81   | -        |
| 2457MHz                      | Pass   | AV   | 2.4835G   | 53.43  | 54.00 | -0.57  | 3    | Vertical   | 234     | 2.81   | -        |
| 2457MHz                      | Pass   | PK   | 2.3686G   | 57.69  | 74.00 | -16.31 | 3    | Vertical   | 234     | 2.81   | -        |
| 2457MHz                      | Pass   | PK   | 2.461G    | 113.18 | Inf   | -Inf   | 3    | Vertical   | 234     | 2.81   | -        |
| 2457MHz                      | Pass   | PK   | 2.4842G   | 66.29  | 74.00 | -7.71  | 3    | Vertical   | 234     | 2.81   | -        |
| 2457MHz                      | Pass   | AV   | 2.363G    | 46.18  | 54.00 | -7.82  | 3    | Horizontal | 71      | 2.31   | -        |
| 2457MHz                      | Pass   | AV   | 2.4638G   | 94.44  | Inf   | -Inf   | 3    | Horizontal | 71      | 2.31   | -        |
| 2457MHz                      | Pass   | AV   | 2.4835G   | 47.64  | 54.00 | -6.36  | 3    | Horizontal | 71      | 2.31   | -        |
| 2457MHz                      | Pass   | PK   | 2.383G    | 57.46  | 74.00 | -16.54 | 3    | Horizontal | 71      | 2.31   | -        |
| 2457MHz                      | Pass   | PK   | 2.4614G   | 104.76 | Inf   | -Inf   | 3    | Horizontal | 71      | 2.31   | -        |
| 2457MHz                      | Pass   | PK   | 2.4854G   | 59.29  | 74.00 | -14.71 | 3    | Horizontal | 71      | 2.31   | -        |
| 2462MHz                      | Pass   | AV   | 2.39G     | 46.45  | 54.00 | -7.55  | 3    | Vertical   | 232     | 2.79   | -        |
| 2462MHz                      | Pass   | AV   | 2.458G    | 101.29 | Inf   | -Inf   | 3    | Vertical   | 232     | 2.79   | -        |
| 2462MHz                      | Pass   | AV   | 2.4835G   | 53.01  | 54.00 | -0.99  | 3    | Vertical   | 232     | 2.79   | -        |
| 2462MHz                      | Pass   | PK   | 2.38G     | 57.98  | 74.00 | -16.02 | 3    | Vertical   | 232     | 2.79   | -        |
| 2462MHz                      | Pass   | PK   | 2.4596G   | 111.44 | Inf   | -Inf   | 3    | Vertical   | 232     | 2.79   | -        |
| 2462MHz                      | Pass   | PK   | 2.4844G   | 66.10  | 74.00 | -7.90  | 3    | Vertical   | 232     | 2.79   | -        |
| 2462MHz                      | Pass   | PK   | 2.386G    | 57.73  | 74.00 | -16.27 | 3    | Horizontal | 72      | 2.30   | -        |
| 2462MHz                      | Pass   | AV   | 2.3716G   | 46.10  | 54.00 | -7.90  | 3    | Horizontal | 72      | 2.30   | -        |
| 2462MHz                      | Pass   | PK   | 2.4568G   | 102.69 | Inf   | -Inf   | 3    | Horizontal | 72      | 2.30   | -        |
| 2462MHz                      | Pass   | AV   | 2.4572G   | 92.43  | Inf   | -Inf   | 3    | Horizontal | 72      | 2.30   | -        |
| 2462MHz                      | Pass   | PK   | 2.484G    | 59.54  | 74.00 | -14.46 | 3    | Horizontal | 72      | 2.30   | -        |
| 2462MHz                      | Pass   | AV   | 2.484G    | 47.48  | 54.00 | -6.52  | 3    | Horizontal | 72      | 2.30   | -        |
| 2462MHz                      | Pass   | AV   | 4.92788G  | 30.01  | 54.00 | -23.99 | 3    | Vertical   | 257     | 1.94   | -        |
| 2462MHz                      | Pass   | AV   | 7.3808G   | 36.94  | 54.00 | -17.06 | 3    | Vertical   | 11      | 2.08   | -        |
| 2462MHz                      | Pass   | AV   | 12.30972G | 42.48  | 54.00 | -11.52 | 3    | Vertical   | 34      | 2.07   | -        |
| 2462MHz                      | Pass   | PK   | 4.92236G  | 42.95  | 74.00 | -31.05 | 3    | Vertical   | 257     | 1.94   | -        |
| 2462MHz                      | Pass   | PK   | 7.38076G  | 50.02  | 74.00 | -23.98 | 3    | Vertical   | 11      | 2.08   | -        |
| 2462MHz                      | Pass   | PK   | 12.31436G | 55.23  | 74.00 | -18.77 | 3    | Vertical   | 34      | 2.07   | -        |
| 2462MHz                      | Pass   | AV   | 4.92828G  | 30.14  | 54.00 | -23.86 | 3    | Horizontal | 64      | 1.49   | -        |
| 2462MHz                      | Pass   | AV   | 7.38516G  | 36.88  | 54.00 | -17.12 | 3    | Horizontal | 6       | 2.10   | -        |
| 2462MHz                      | Pass   | AV   | 12.30832G | 42.27  | 54.00 | -11.73 | 3    | Horizontal | 71      | 1.53   | -        |
| 2462MHz                      | Pass   | PK   | 4.92344G  | 43.31  | 74.00 | -30.69 | 3    | Horizontal | 64      | 1.49   | -        |
| 2462MHz                      | Pass   | PK   | 7.37812G  | 50.37  | 74.00 | -23.63 | 3    | Horizontal | 6       | 2.10   | -        |
| 2462MHz                      | Pass   | PK   | 12.30276G | 55.85  | 74.00 | -18.15 | 3    | Horizontal | 71      | 1.53   | -        |
| 802.11n HT20_Nss1,(MCS0)_1TX | -      | -    | -         | -      | -     | -      | -    | -          | -       | -      | -        |
| 2412MHz                      | Pass   | AV   | 2.39G     | 53.11  | 54.00 | -0.89  | 3    | Vertical   | 146     | 2.95   | -        |
| 2412MHz                      | Pass   | AV   | 2.4072G   | 100.98 | Inf   | -Inf   | 3    | Vertical   | 146     | 2.95   | -        |
| 2412MHz                      | Pass   | AV   | 2.4916G   | 47.83  | 54.00 | -6.17  | 3    | Vertical   | 146     | 2.95   | -        |
| 2412MHz                      | Pass   | PK   | 2.39G     | 63.85  | 74.00 | -10.15 | 3    | Vertical   | 146     | 2.95   | -        |
| 2412MHz                      | Pass   | PK   | 2.416G    | 110.72 | Inf   | -Inf   | 3    | Vertical   | 146     | 2.95   | -        |
| 2412MHz                      | Pass   | PK   | 2.4928G   | 58.34  | 74.00 | -15.66 | 3    | Vertical   | 146     | 2.95   | -        |
| 2412MHz                      | Pass   | AV   | 2.3896G   | 47.55  | 54.00 | -6.45  | 3    | Horizontal | 194     | 1.50   | -        |
| 2412MHz                      | Pass   | AV   | 2.4184G   | 91.58  | Inf   | -Inf   | 3    | Horizontal | 194     | 1.50   | -        |
| 2412MHz                      | Pass   | AV   | 2.498G    | 46.38  | 54.00 | -7.62  | 3    | Horizontal | 194     | 1.50   | -        |
| 2412MHz                      | Pass   | PK   | 2.39G     | 58.63  | 74.00 | -15.37 | 3    | Horizontal | 194     | 1.50   | -        |
| 2412MHz                      | Pass   | PK   | 2.4156G   | 101.03 | Inf   | -Inf   | 3    | Horizontal | 194     | 1.50   | -        |
| 2412MHz                      | Pass   | PK   | 2.4924G   | 57.48  | 74.00 | -16.52 | 3    | Horizontal | 194     | 1.50   | -        |
| 2412MHz                      | Pass   | AV   | 4.82398G  | 38.82  | 54.00 | -15.18 | 3    | Vertical   | 228     | 2.36   | -        |
| 2412MHz                      | Pass   | AV   | 12.06024G | 42.76  | 54.00 | -11.24 | 3    | Vertical   | 95      | 1.41   | -        |
| 2412MHz                      | Pass   | PK   | 4.824G    | 45.29  | 74.00 | -28.71 | 3    | Vertical   | 228     | 2.36   | -        |
| 2412MHz                      | Pass   | PK   | 12.06082G | 54.77  | 74.00 | -19.23 | 3    | Vertical   | 95      | 1.41   | -        |
| 2412MHz                      | Pass   | AV   | 4.82404G  | 34.92  | 54.00 | -19.08 | 3    | Horizontal | 165     | 2.71   | -        |
| 2412MHz                      | Pass   | AV   | 12.05919G | 42.23  | 54.00 | -11.77 | 3    | Horizontal | 114     | 1.56   | -        |
| 2412MHz                      | Pass   | PK   | 4.82369G  | 44.02  | 74.00 | -29.98 | 3    | Horizontal | 165     | 2.71   | -        |
| 2412MHz                      | Pass   | PK   | 12.05826G | 54.20  | 74.00 | -19.80 | 3    | Horizontal | 114     | 1.56   | -        |
| 2417MHz                      | Pass   | AV   | 2.3898G   | 52.40  | 54.00 | -1.60  | 3    | Vertical   | 48      | 2.65   | -        |
| 2417MHz                      | Pass   | AV   | 2.423G    | 102.86 | Inf   | -Inf   | 3    | Vertical   | 48      | 2.65   | -        |
| 2417MHz                      | Pass   | AV   | 2.4842G   | 48.14  | 54.00 | -5.86  | 3    | Vertical   | 48      | 2.65   | -        |
| 2417MHz                      | Pass   | PK   | 2.3898G   | 64.68  | 74.00 | -9.32  | 3    | Vertical   | 48      | 2.65   | -        |



RSE TX above 1GHz\_Non-Beamforming\_Radio3

Appendix F.4

| Mode    | Result | Type | Freq      | Level  | Limit | Margin | Dist | Condition  | Azimuth | Height | Comments |
|---------|--------|------|-----------|--------|-------|--------|------|------------|---------|--------|----------|
| 2417MHz | Pass   | PK   | 2.423G    | 112.19 | Inf   | -Inf   | 3    | Vertical   | 48      | 2.65   | -        |
| 2417MHz | Pass   | PK   | 2.4842G   | 58.85  | 74.00 | -15.15 | 3    | Vertical   | 48      | 2.65   | -        |
| 2417MHz | Pass   | AV   | 2.3898G   | 47.83  | 54.00 | -6.17  | 3    | Horizontal | 69      | 1.28   | -        |
| 2417MHz | Pass   | AV   | 2.4226G   | 93.33  | Inf   | -Inf   | 3    | Horizontal | 69      | 1.28   | -        |
| 2417MHz | Pass   | AV   | 2.4874G   | 46.59  | 54.00 | -7.41  | 3    | Horizontal | 69      | 1.28   | -        |
| 2417MHz | Pass   | PK   | 2.3566G   | 58.25  | 74.00 | -15.75 | 3    | Horizontal | 69      | 1.28   | -        |
| 2417MHz | Pass   | PK   | 2.4234G   | 102.80 | Inf   | -Inf   | 3    | Horizontal | 69      | 1.28   | -        |
| 2417MHz | Pass   | PK   | 2.4842G   | 57.64  | 74.00 | -16.36 | 3    | Horizontal | 69      | 1.28   | -        |
| 2437MHz | Pass   | AV   | 2.3898G   | 49.38  | 54.00 | -4.62  | 3    | Vertical   | 52      | 2.88   | -        |
| 2437MHz | Pass   | AV   | 2.4422G   | 102.62 | Inf   | -Inf   | 3    | Vertical   | 52      | 2.88   | -        |
| 2437MHz | Pass   | AV   | 2.4835G   | 52.22  | 54.00 | -1.78  | 3    | Vertical   | 52      | 2.88   | -        |
| 2437MHz | Pass   | PK   | 2.3898G   | 59.39  | 74.00 | -14.61 | 3    | Vertical   | 52      | 2.88   | -        |
| 2437MHz | Pass   | PK   | 2.4414G   | 112.03 | Inf   | -Inf   | 3    | Vertical   | 52      | 2.88   | -        |
| 2437MHz | Pass   | PK   | 2.4838G   | 63.00  | 74.00 | -11.00 | 3    | Vertical   | 52      | 2.88   | -        |
| 2437MHz | Pass   | AV   | 2.3402G   | 46.76  | 54.00 | -7.24  | 3    | Horizontal | 70      | 2.88   | -        |
| 2437MHz | Pass   | AV   | 2.4314G   | 93.74  | Inf   | -Inf   | 3    | Horizontal | 70      | 2.88   | -        |
| 2437MHz | Pass   | AV   | 2.4835G   | 47.49  | 54.00 | -6.51  | 3    | Horizontal | 70      | 2.88   | -        |
| 2437MHz | Pass   | PK   | 2.3506G   | 58.92  | 74.00 | -15.08 | 3    | Horizontal | 70      | 2.88   | -        |
| 2437MHz | Pass   | PK   | 2.4386G   | 102.92 | Inf   | -Inf   | 3    | Horizontal | 70      | 2.88   | -        |
| 2437MHz | Pass   | PK   | 2.4842G   | 58.02  | 74.00 | -15.98 | 3    | Horizontal | 70      | 2.88   | -        |
| 2437MHz | Pass   | AV   | 4.87499G  | 31.00  | 54.00 | -23.00 | 3    | Vertical   | 75      | 1.97   | -        |
| 2437MHz | Pass   | AV   | 7.30906G  | 37.47  | 54.00 | -16.53 | 3    | Vertical   | 357     | 1.82   | -        |
| 2437MHz | Pass   | AV   | 12.18327G | 42.93  | 54.00 | -11.07 | 3    | Vertical   | 157     | 1.09   | -        |
| 2437MHz | Pass   | PK   | 4.87348G  | 43.00  | 74.00 | -31.00 | 3    | Vertical   | 75      | 1.97   | -        |
| 2437MHz | Pass   | PK   | 7.31025G  | 50.86  | 74.00 | -23.14 | 3    | Vertical   | 357     | 1.82   | -        |
| 2437MHz | Pass   | PK   | 12.18512G | 55.36  | 74.00 | -18.64 | 3    | Vertical   | 157     | 1.09   | -        |
| 2437MHz | Pass   | AV   | 4.87492G  | 30.66  | 54.00 | -23.34 | 3    | Horizontal | 224     | 2.46   | -        |
| 2437MHz | Pass   | AV   | 7.30973G  | 37.50  | 54.00 | -16.50 | 3    | Horizontal | 1       | 2.10   | -        |
| 2437MHz | Pass   | AV   | 12.18448G | 42.76  | 54.00 | -11.24 | 3    | Horizontal | 190     | 1.52   | -        |
| 2437MHz | Pass   | PK   | 4.87315G  | 42.85  | 74.00 | -31.15 | 3    | Horizontal | 224     | 2.46   | -        |
| 2437MHz | Pass   | PK   | 7.30854G  | 49.90  | 74.00 | -24.10 | 3    | Horizontal | 1       | 2.10   | -        |
| 2437MHz | Pass   | PK   | 12.18601G | 55.13  | 74.00 | -18.87 | 3    | Horizontal | 190     | 1.52   | -        |
| 2457MHz | Pass   | AV   | 2.3882G   | 46.74  | 54.00 | -7.26  | 3    | Vertical   | 327     | 2.59   | -        |
| 2457MHz | Pass   | AV   | 2.4546G   | 101.88 | Inf   | -Inf   | 3    | Vertical   | 327     | 2.59   | -        |
| 2457MHz | Pass   | AV   | 2.4835G   | 52.98  | 54.00 | -1.02  | 3    | Vertical   | 327     | 2.59   | -        |
| 2457MHz | Pass   | PK   | 2.389G    | 58.03  | 74.00 | -15.97 | 3    | Vertical   | 327     | 2.59   | -        |
| 2457MHz | Pass   | PK   | 2.4622G   | 111.50 | Inf   | -Inf   | 3    | Vertical   | 327     | 2.59   | -        |
| 2457MHz | Pass   | PK   | 2.4838G   | 64.87  | 74.00 | -9.13  | 3    | Vertical   | 327     | 2.59   | -        |
| 2457MHz | Pass   | AV   | 2.3582G   | 46.58  | 54.00 | -7.42  | 3    | Horizontal | 69      | 2.85   | -        |
| 2457MHz | Pass   | AV   | 2.4542G   | 94.18  | Inf   | -Inf   | 3    | Horizontal | 69      | 2.85   | -        |
| 2457MHz | Pass   | AV   | 2.4835G   | 48.86  | 54.00 | -5.14  | 3    | Horizontal | 69      | 2.85   | -        |
| 2457MHz | Pass   | PK   | 2.3602G   | 57.63  | 74.00 | -16.37 | 3    | Horizontal | 69      | 2.85   | -        |
| 2457MHz | Pass   | PK   | 2.459G    | 103.57 | Inf   | -Inf   | 3    | Horizontal | 69      | 2.85   | -        |
| 2457MHz | Pass   | PK   | 2.4835G   | 59.37  | 74.00 | -14.63 | 3    | Horizontal | 69      | 2.85   | -        |
| 2462MHz | Pass   | AV   | 2.39G     | 46.84  | 54.00 | -7.16  | 3    | Vertical   | 54      | 2.95   | -        |
| 2462MHz | Pass   | AV   | 2.4552G   | 102.06 | Inf   | -Inf   | 3    | Vertical   | 54      | 2.95   | -        |
| 2462MHz | Pass   | AV   | 2.4835G   | 53.05  | 54.00 | -0.95  | 3    | Vertical   | 54      | 2.95   | -        |
| 2462MHz | Pass   | PK   | 2.39G     | 57.88  | 74.00 | -16.12 | 3    | Vertical   | 54      | 2.95   | -        |
| 2462MHz | Pass   | PK   | 2.4588G   | 111.07 | Inf   | -Inf   | 3    | Vertical   | 54      | 2.95   | -        |
| 2462MHz | Pass   | PK   | 2.4835G   | 65.07  | 74.00 | -8.93  | 3    | Vertical   | 54      | 2.95   | -        |
| 2462MHz | Pass   | AV   | 2.3724G   | 46.64  | 54.00 | -7.36  | 3    | Horizontal | 73      | 2.84   | -        |
| 2462MHz | Pass   | AV   | 2.4572G   | 93.65  | Inf   | -Inf   | 3    | Horizontal | 73      | 2.84   | -        |
| 2462MHz | Pass   | AV   | 2.484G    | 50.32  | 54.00 | -3.68  | 3    | Horizontal | 73      | 2.84   | -        |
| 2462MHz | Pass   | PK   | 2.366G    | 57.21  | 74.00 | -16.79 | 3    | Horizontal | 73      | 2.84   | -        |
| 2462MHz | Pass   | PK   | 2.4576G   | 103.08 | Inf   | -Inf   | 3    | Horizontal | 73      | 2.84   | -        |
| 2462MHz | Pass   | PK   | 2.4844G   | 61.32  | 74.00 | -12.68 | 3    | Horizontal | 73      | 2.84   | -        |
| 2462MHz | Pass   | AV   | 4.92545G  | 30.86  | 54.00 | -23.14 | 3    | Vertical   | 154     | 1.15   | -        |
| 2462MHz | Pass   | AV   | 7.3869G   | 37.17  | 54.00 | -16.83 | 3    | Vertical   | 184     | 1.72   | -        |
| 2462MHz | Pass   | AV   | 12.31048G | 43.07  | 54.00 | -10.93 | 3    | Vertical   | 326     | 1.76   | -        |
| 2462MHz | Pass   | PK   | 4.92182G  | 42.97  | 74.00 | -31.03 | 3    | Vertical   | 154     | 1.15   | -        |
| 2462MHz | Pass   | PK   | 7.38826G  | 49.54  | 74.00 | -24.46 | 3    | Vertical   | 184     | 1.72   | -        |
| 2462MHz | Pass   | PK   | 12.30842G | 55.78  | 74.00 | -18.22 | 3    | Vertical   | 326     | 1.76   | -        |
| 2462MHz | Pass   | AV   | 4.92419G  | 30.93  | 54.00 | -23.07 | 3    | Horizontal | 117     | 1.88   | -        |



RSE TX above 1GHz\_Non-Beamforming\_Radio3

Appendix F.4

| Mode                         | Result | Type | Freq      | Level  | Limit | Margin | Dist | Condition  | Azimuth | Height | Comments |
|------------------------------|--------|------|-----------|--------|-------|--------|------|------------|---------|--------|----------|
| 2462MHz                      | Pass   | AV   | 7.3869G   | 37.35  | 54.00 | -16.65 | 3    | Horizontal | 360     | 1.41   | -        |
| 2462MHz                      | Pass   | AV   | 12.31005G | 43.45  | 54.00 | -10.55 | 3    | Horizontal | 34      | 1.31   | -        |
| 2462MHz                      | Pass   | PK   | 4.92608G  | 43.00  | 74.00 | -31.00 | 3    | Horizontal | 117     | 1.88   | -        |
| 2462MHz                      | Pass   | PK   | 7.38568G  | 49.95  | 74.00 | -24.05 | 3    | Horizontal | 360     | 1.41   | -        |
| 2462MHz                      | Pass   | PK   | 12.31203G | 56.25  | 74.00 | -17.75 | 3    | Horizontal | 34      | 1.31   | -        |
| 802.11n HT40_Nss1,(MCS0)_1TX | -      | -    | -         | -      | -     | -      | -    | -          | -       | -      | -        |
| 2422MHz                      | Pass   | AV   | 2.39G     | 53.17  | 54.00 | -0.83  | 3    | Vertical   | 52      | 2.87   | -        |
| 2422MHz                      | Pass   | AV   | 2.4316G   | 98.06  | Inf   | -Inf   | 3    | Vertical   | 52      | 2.87   | -        |
| 2422MHz                      | Pass   | AV   | 2.4835G   | 49.62  | 54.00 | -4.38  | 3    | Vertical   | 52      | 2.87   | -        |
| 2422MHz                      | Pass   | PK   | 2.39G     | 64.05  | 74.00 | -9.95  | 3    | Vertical   | 52      | 2.87   | -        |
| 2422MHz                      | Pass   | PK   | 2.4328G   | 107.49 | Inf   | -Inf   | 3    | Vertical   | 52      | 2.87   | -        |
| 2422MHz                      | Pass   | PK   | 2.4835G   | 60.08  | 74.00 | -13.92 | 3    | Vertical   | 52      | 2.87   | -        |
| 2422MHz                      | Pass   | AV   | 2.39G     | 47.58  | 54.00 | -6.42  | 3    | Horizontal | 69      | 2.91   | -        |
| 2422MHz                      | Pass   | AV   | 2.4316G   | 88.85  | Inf   | -Inf   | 3    | Horizontal | 69      | 2.91   | -        |
| 2422MHz                      | Pass   | AV   | 2.486G    | 46.59  | 54.00 | -7.41  | 3    | Horizontal | 69      | 2.91   | -        |
| 2422MHz                      | Pass   | PK   | 2.364G    | 58.36  | 74.00 | -15.64 | 3    | Horizontal | 69      | 2.91   | -        |
| 2422MHz                      | Pass   | PK   | 2.4308G   | 98.43  | Inf   | -Inf   | 3    | Horizontal | 69      | 2.91   | -        |
| 2422MHz                      | Pass   | PK   | 2.4936G   | 57.23  | 74.00 | -16.77 | 3    | Horizontal | 69      | 2.91   | -        |
| 2422MHz                      | Pass   | AV   | 4.84331G  | 30.72  | 54.00 | -23.28 | 3    | Vertical   | 140     | 3.00   | -        |
| 2422MHz                      | Pass   | AV   | 7.26798G  | 36.88  | 54.00 | -17.12 | 3    | Vertical   | 133     | 1.31   | -        |
| 2422MHz                      | Pass   | AV   | 12.10782G | 42.44  | 54.00 | -11.56 | 3    | Vertical   | 18      | 1.45   | -        |
| 2422MHz                      | Pass   | PK   | 4.84608G  | 43.04  | 74.00 | -30.96 | 3    | Vertical   | 140     | 3.00   | -        |
| 2422MHz                      | Pass   | PK   | 7.26376G  | 50.02  | 74.00 | -23.98 | 3    | Vertical   | 133     | 1.31   | -        |
| 2422MHz                      | Pass   | PK   | 12.11004G | 54.71  | 74.00 | -19.29 | 3    | Vertical   | 18      | 1.45   | -        |
| 2422MHz                      | Pass   | AV   | 4.8453G   | 30.67  | 54.00 | -23.33 | 3    | Horizontal | 87      | 2.12   | -        |
| 2422MHz                      | Pass   | AV   | 7.26723G  | 36.97  | 54.00 | -17.03 | 3    | Horizontal | 360     | 1.48   | -        |
| 2422MHz                      | Pass   | AV   | 12.10966G | 42.38  | 54.00 | -11.62 | 3    | Horizontal | 298     | 2.39   | -        |
| 2422MHz                      | Pass   | PK   | 4.84393G  | 43.34  | 74.00 | -30.66 | 3    | Horizontal | 87      | 2.12   | -        |
| 2422MHz                      | Pass   | PK   | 7.26646G  | 49.19  | 74.00 | -24.81 | 3    | Horizontal | 360     | 1.48   | -        |
| 2422MHz                      | Pass   | PK   | 12.11162G | 56.08  | 74.00 | -17.92 | 3    | Horizontal | 298     | 2.39   | -        |
| 2427MHz                      | Pass   | AV   | 2.3898G   | 53.16  | 54.00 | -0.84  | 3    | Vertical   | 48      | 2.71   | -        |
| 2427MHz                      | Pass   | AV   | 2.423G    | 99.63  | Inf   | -Inf   | 3    | Vertical   | 48      | 2.71   | -        |
| 2427MHz                      | Pass   | AV   | 2.4835G   | 50.25  | 54.00 | -3.75  | 3    | Vertical   | 48      | 2.71   | -        |
| 2427MHz                      | Pass   | PK   | 2.3898G   | 63.34  | 74.00 | -10.66 | 3    | Vertical   | 48      | 2.71   | -        |
| 2427MHz                      | Pass   | PK   | 2.4306G   | 106.78 | Inf   | -Inf   | 3    | Vertical   | 48      | 2.71   | -        |
| 2427MHz                      | Pass   | PK   | 2.4846G   | 62.33  | 74.00 | -11.67 | 3    | Vertical   | 48      | 2.71   | -        |
| 2427MHz                      | Pass   | AV   | 2.3898G   | 47.35  | 54.00 | -6.65  | 3    | Horizontal | 70      | 2.88   | -        |
| 2427MHz                      | Pass   | AV   | 2.4386G   | 88.97  | Inf   | -Inf   | 3    | Horizontal | 70      | 2.88   | -        |
| 2427MHz                      | Pass   | AV   | 2.4835G   | 46.91  | 54.00 | -7.09  | 3    | Horizontal | 70      | 2.88   | -        |
| 2427MHz                      | Pass   | PK   | 2.3446G   | 57.85  | 74.00 | -16.15 | 3    | Horizontal | 70      | 2.88   | -        |
| 2427MHz                      | Pass   | PK   | 2.4334G   | 98.63  | Inf   | -Inf   | 3    | Horizontal | 70      | 2.88   | -        |
| 2427MHz                      | Pass   | PK   | 2.485G    | 57.52  | 74.00 | -16.48 | 3    | Horizontal | 70      | 2.88   | -        |
| 2437MHz                      | Pass   | AV   | 2.3898G   | 50.90  | 54.00 | -3.10  | 3    | Vertical   | 52      | 2.89   | -        |
| 2437MHz                      | Pass   | AV   | 2.4486G   | 99.22  | Inf   | -Inf   | 3    | Vertical   | 52      | 2.89   | -        |
| 2437MHz                      | Pass   | AV   | 2.4835G   | 52.85  | 54.00 | -1.15  | 3    | Vertical   | 52      | 2.89   | -        |
| 2437MHz                      | Pass   | PK   | 2.389G    | 61.92  | 74.00 | -12.08 | 3    | Vertical   | 52      | 2.89   | -        |
| 2437MHz                      | Pass   | PK   | 2.447G    | 108.91 | Inf   | -Inf   | 3    | Vertical   | 52      | 2.89   | -        |
| 2437MHz                      | Pass   | PK   | 2.4838G   | 63.24  | 74.00 | -10.76 | 3    | Vertical   | 52      | 2.89   | -        |
| 2437MHz                      | Pass   | AV   | 2.3898G   | 46.77  | 54.00 | -7.23  | 3    | Horizontal | 69      | 2.90   | -        |
| 2437MHz                      | Pass   | AV   | 2.4394G   | 89.59  | Inf   | -Inf   | 3    | Horizontal | 69      | 2.90   | -        |
| 2437MHz                      | Pass   | AV   | 2.4842G   | 47.61  | 54.00 | -6.39  | 3    | Horizontal | 69      | 2.90   | -        |
| 2437MHz                      | Pass   | PK   | 2.3762G   | 57.69  | 74.00 | -16.31 | 3    | Horizontal | 69      | 2.90   | -        |
| 2437MHz                      | Pass   | PK   | 2.431G    | 99.36  | Inf   | -Inf   | 3    | Horizontal | 69      | 2.90   | -        |
| 2437MHz                      | Pass   | PK   | 2.4838G   | 57.95  | 74.00 | -16.05 | 3    | Horizontal | 69      | 2.90   | -        |
| 2437MHz                      | Pass   | AV   | 4.87587G  | 31.02  | 54.00 | -22.98 | 3    | Vertical   | 63      | 2.32   | -        |
| 2437MHz                      | Pass   | AV   | 7.31228G  | 37.23  | 54.00 | -16.77 | 3    | Vertical   | 15      | 1.80   | -        |
| 2437MHz                      | Pass   | AV   | 12.18332G | 42.91  | 54.00 | -11.09 | 3    | Vertical   | 212     | 1.95   | -        |
| 2437MHz                      | Pass   | PK   | 4.87238G  | 44.02  | 74.00 | -29.98 | 3    | Vertical   | 63      | 2.32   | -        |
| 2437MHz                      | Pass   | PK   | 7.30968G  | 49.08  | 74.00 | -24.92 | 3    | Vertical   | 15      | 1.80   | -        |
| 2437MHz                      | Pass   | PK   | 12.18721G | 55.25  | 74.00 | -18.75 | 3    | Vertical   | 212     | 1.95   | -        |
| 2437MHz                      | Pass   | AV   | 4.87493G  | 30.73  | 54.00 | -23.27 | 3    | Horizontal | 182     | 1.18   | -        |
| 2437MHz                      | Pass   | AV   | 7.30888G  | 37.02  | 54.00 | -16.98 | 3    | Horizontal | 0       | 2.45   | -        |
| 2437MHz                      | Pass   | AV   | 12.18395G | 42.89  | 54.00 | -11.11 | 3    | Horizontal | 269     | 1.84   | -        |



RSE TX above 1GHz\_Non-Beamforming\_Radio3

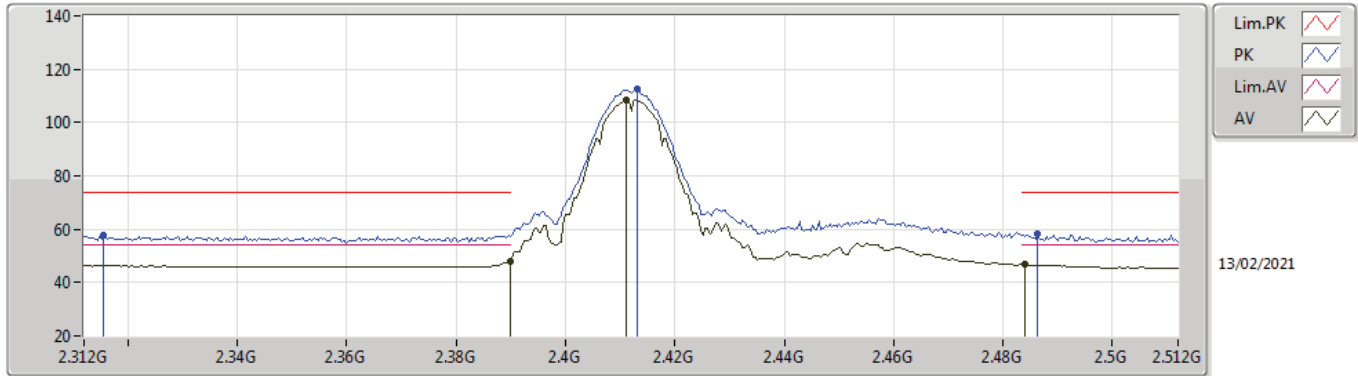
Appendix F.4

| Mode    | Result | Type | Freq      | Level  | Limit | Margin | Dist | Condition  | Azimuth | Height | Comments |
|---------|--------|------|-----------|--------|-------|--------|------|------------|---------|--------|----------|
| 2437MHz | Pass   | PK   | 4.87566G  | 43.60  | 74.00 | -30.40 | 3    | Horizontal | 182     | 1.18   | -        |
| 2437MHz | Pass   | PK   | 7.31052G  | 49.64  | 74.00 | -24.36 | 3    | Horizontal | 0       | 2.45   | -        |
| 2437MHz | Pass   | PK   | 12.18275G | 55.40  | 74.00 | -18.60 | 3    | Horizontal | 269     | 1.84   | -        |
| 2447MHz | Pass   | AV   | 2.3898G   | 48.07  | 54.00 | -5.93  | 3    | Vertical   | 55      | 2.96   | -        |
| 2447MHz | Pass   | AV   | 2.4546G   | 97.36  | Inf   | -Inf   | 3    | Vertical   | 55      | 2.96   | -        |
| 2447MHz | Pass   | AV   | 2.4835G   | 52.44  | 54.00 | -1.56  | 3    | Vertical   | 55      | 2.96   | -        |
| 2447MHz | Pass   | PK   | 2.3542G   | 57.99  | 74.00 | -16.01 | 3    | Vertical   | 55      | 2.96   | -        |
| 2447MHz | Pass   | PK   | 2.4526G   | 107.11 | Inf   | -Inf   | 3    | Vertical   | 55      | 2.96   | -        |
| 2447MHz | Pass   | PK   | 2.4835G   | 64.02  | 74.00 | -9.98  | 3    | Vertical   | 55      | 2.96   | -        |
| 2447MHz | Pass   | AV   | 2.387G    | 46.67  | 54.00 | -7.33  | 3    | Horizontal | 71      | 2.84   | -        |
| 2447MHz | Pass   | AV   | 2.4554G   | 89.06  | Inf   | -Inf   | 3    | Horizontal | 71      | 2.84   | -        |
| 2447MHz | Pass   | AV   | 2.4835G   | 48.66  | 54.00 | -5.34  | 3    | Horizontal | 71      | 2.84   | -        |
| 2447MHz | Pass   | PK   | 2.3698G   | 58.00  | 74.00 | -16.00 | 3    | Horizontal | 71      | 2.84   | -        |
| 2447MHz | Pass   | PK   | 2.4558G   | 98.69  | Inf   | -Inf   | 3    | Horizontal | 71      | 2.84   | -        |
| 2447MHz | Pass   | PK   | 2.4835G   | 59.88  | 74.00 | -14.12 | 3    | Horizontal | 71      | 2.84   | -        |
| 2452MHz | Pass   | AV   | 2.3544G   | 46.91  | 54.00 | -7.09  | 3    | Vertical   | 325     | 2.58   | -        |
| 2452MHz | Pass   | AV   | 2.4548G   | 94.84  | Inf   | -Inf   | 3    | Vertical   | 325     | 2.58   | -        |
| 2452MHz | Pass   | AV   | 2.484G    | 53.24  | 54.00 | -0.76  | 3    | Vertical   | 325     | 2.58   | -        |
| 2452MHz | Pass   | PK   | 2.3896G   | 57.90  | 74.00 | -16.10 | 3    | Vertical   | 325     | 2.58   | -        |
| 2452MHz | Pass   | PK   | 2.454G    | 104.32 | Inf   | -Inf   | 3    | Vertical   | 325     | 2.58   | -        |
| 2452MHz | Pass   | PK   | 2.484G    | 64.97  | 74.00 | -9.03  | 3    | Vertical   | 325     | 2.58   | -        |
| 2452MHz | Pass   | AV   | 2.356G    | 46.72  | 54.00 | -7.28  | 3    | Horizontal | 70      | 2.88   | -        |
| 2452MHz | Pass   | AV   | 2.454G    | 87.03  | Inf   | -Inf   | 3    | Horizontal | 70      | 2.88   | -        |
| 2452MHz | Pass   | AV   | 2.4835G   | 48.56  | 54.00 | -5.44  | 3    | Horizontal | 70      | 2.88   | -        |
| 2452MHz | Pass   | PK   | 2.3828G   | 57.63  | 74.00 | -16.37 | 3    | Horizontal | 70      | 2.88   | -        |
| 2452MHz | Pass   | PK   | 2.4564G   | 96.88  | Inf   | -Inf   | 3    | Horizontal | 70      | 2.88   | -        |
| 2452MHz | Pass   | PK   | 2.4835G   | 58.50  | 74.00 | -15.50 | 3    | Horizontal | 70      | 2.88   | -        |
| 2452MHz | Pass   | AV   | 4.90358G  | 30.53  | 54.00 | -23.47 | 3    | Vertical   | 76      | 1.52   | -        |
| 2452MHz | Pass   | AV   | 7.35798G  | 36.90  | 54.00 | -17.10 | 3    | Vertical   | 194     | 1.50   | -        |
| 2452MHz | Pass   | AV   | 12.25788G | 43.13  | 54.00 | -10.87 | 3    | Vertical   | 220     | 1.46   | -        |
| 2452MHz | Pass   | PK   | 4.90269G  | 43.38  | 74.00 | -30.62 | 3    | Vertical   | 76      | 1.52   | -        |
| 2452MHz | Pass   | PK   | 7.35664G  | 49.51  | 74.00 | -24.49 | 3    | Vertical   | 194     | 1.50   | -        |
| 2452MHz | Pass   | PK   | 12.26222G | 57.61  | 74.00 | -16.39 | 3    | Vertical   | 220     | 1.46   | -        |
| 2452MHz | Pass   | AV   | 4.90634G  | 30.70  | 54.00 | -23.30 | 3    | Horizontal | 176     | 2.67   | -        |
| 2452MHz | Pass   | AV   | 7.35562G  | 37.06  | 54.00 | -16.94 | 3    | Horizontal | 223     | 2.89   | -        |
| 2452MHz | Pass   | AV   | 12.26053G | 43.15  | 54.00 | -10.85 | 3    | Horizontal | 105     | 2.19   | -        |
| 2452MHz | Pass   | PK   | 4.90406G  | 43.32  | 74.00 | -30.68 | 3    | Horizontal | 176     | 2.67   | -        |
| 2452MHz | Pass   | PK   | 7.35837G  | 48.98  | 74.00 | -25.02 | 3    | Horizontal | 223     | 2.89   | -        |
| 2452MHz | Pass   | PK   | 12.25952G | 55.94  | 74.00 | -18.06 | 3    | Horizontal | 105     | 2.19   | -        |



802.11b\_Nss1,(1Mbps)\_1TX

2412MHz\_TX

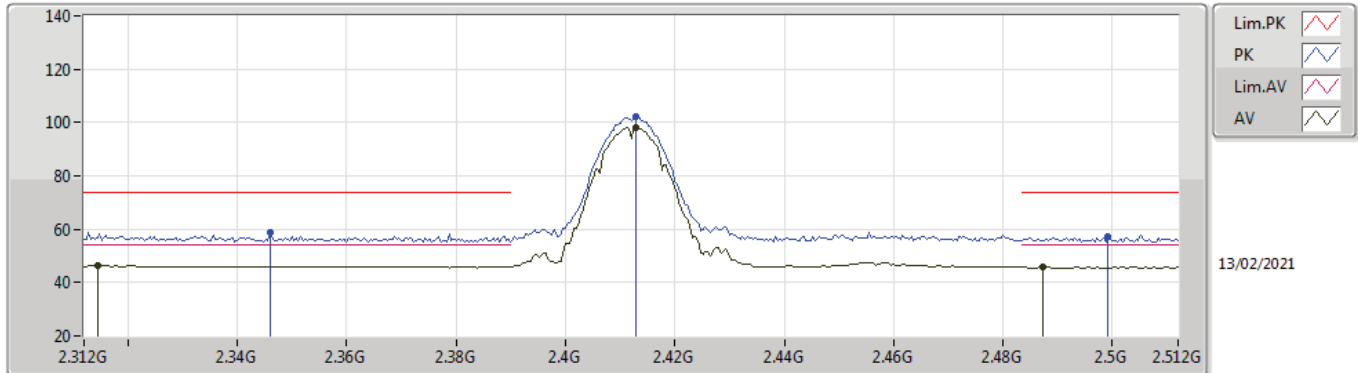


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.39G     | 47.90          | 54.00          | -6.10       | 33.57       | 3        | Vertical  | 55          | 2.94       | -       | 14.33      | 27.62   | 5.95    | -       |
| AV   | 2.4112G   | 108.59         | Inf            | -Inf        | 33.53       | 3        | Vertical  | 55          | 2.94       | -       | 75.06      | 27.56   | 5.97    | -       |
| AV   | 2.484G    | 46.80          | 54.00          | -7.20       | 33.46       | 3        | Vertical  | 55          | 2.94       | -       | 13.34      | 27.40   | 6.06    | -       |
| PK   | 2.3156G   | 57.96          | 74.00          | -16.04      | 33.74       | 3        | Vertical  | 55          | 2.94       | -       | 24.22      | 27.84   | 5.90    | -       |
| PK   | 2.4132G   | 112.36         | Inf            | -Inf        | 33.53       | 3        | Vertical  | 55          | 2.94       | -       | 78.83      | 27.55   | 5.98    | -       |
| PK   | 2.4864G   | 58.41          | 74.00          | -15.59      | 33.46       | 3        | Vertical  | 55          | 2.94       | -       | 24.95      | 27.40   | 6.06    | -       |



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

### 2412MHz\_TX

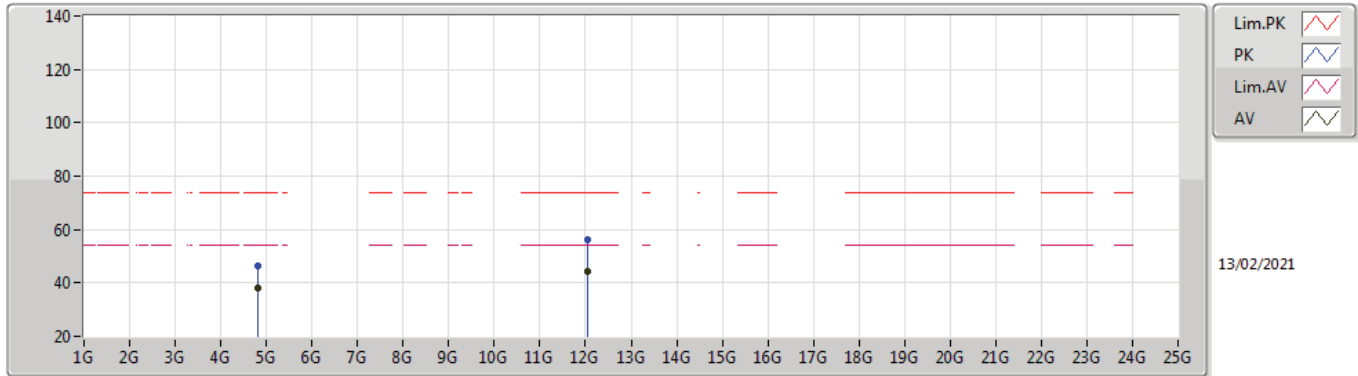


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.3144G   | 46.29          | 54.00          | -7.71       | 33.74       | 3        | Horizontal | 193         | 1.66       | -       | 12.55      | 27.84   | 5.90    | -       |
| AV   | 2.4128G   | 98.32          | Inf            | -Inf        | 33.53       | 3        | Horizontal | 193         | 1.66       | -       | 64.79      | 27.55   | 5.98    | -       |
| AV   | 2.4872G   | 45.73          | 54.00          | -8.27       | 33.46       | 3        | Horizontal | 193         | 1.66       | -       | 12.27      | 27.40   | 6.06    | -       |
| PK   | 2.346G    | 58.83          | 74.00          | -15.17      | 33.64       | 3        | Horizontal | 193         | 1.66       | -       | 25.19      | 27.72   | 5.92    | -       |
| PK   | 2.4128G   | 102.32         | Inf            | -Inf        | 33.53       | 3        | Horizontal | 193         | 1.66       | -       | 68.79      | 27.55   | 5.98    | -       |
| PK   | 2.4992G   | 57.01          | 74.00          | -16.99      | 33.48       | 3        | Horizontal | 193         | 1.66       | -       | 23.53      | 27.40   | 6.08    | -       |



802.11b\_Nss1,(1Mbps)\_1TX

2412MHz\_TX



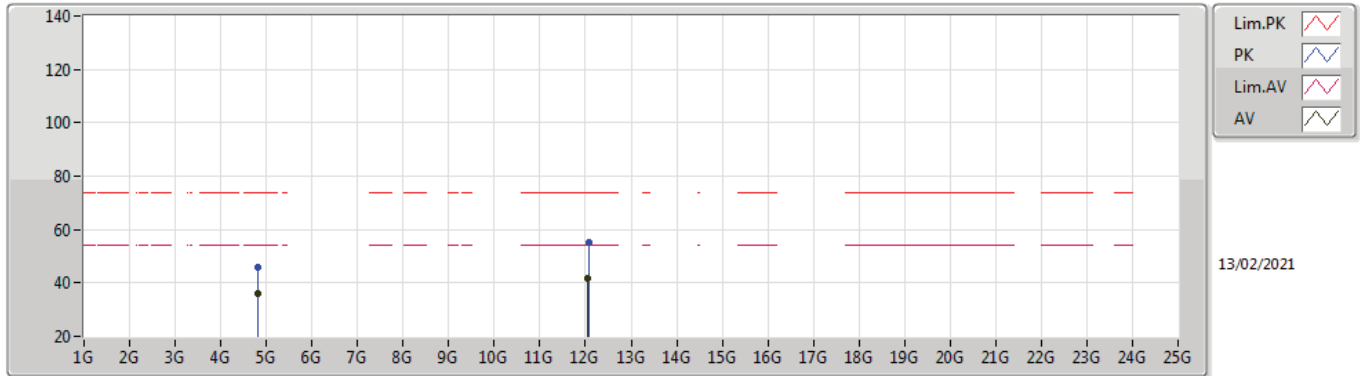
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 4.82396G  | 38.13          | 54.00          | -15.87      | 4.99        | 3        | Vertical  | 230         | 2.37       | -       | 33.14      | 31.00   | 8.27    | 34.28   |
| AV   | 12.05916G | 44.40          | 54.00          | -9.60       | 17.66       | 3        | Vertical  | 0           | 2.08       | -       | 26.74      | 38.98   | 13.05   | 34.37   |
| PK   | 4.82384G  | 46.22          | 74.00          | -27.78      | 4.99        | 3        | Vertical  | 230         | 2.37       | -       | 41.23      | 31.00   | 8.27    | 34.28   |
| PK   | 12.05928G | 56.18          | 74.00          | -17.82      | 17.66       | 3        | Vertical  | 0           | 2.08       | -       | 38.52      | 38.98   | 13.05   | 34.37   |





802.11b\_Nss1,(1Mbps)\_1TX

2412MHz\_TX

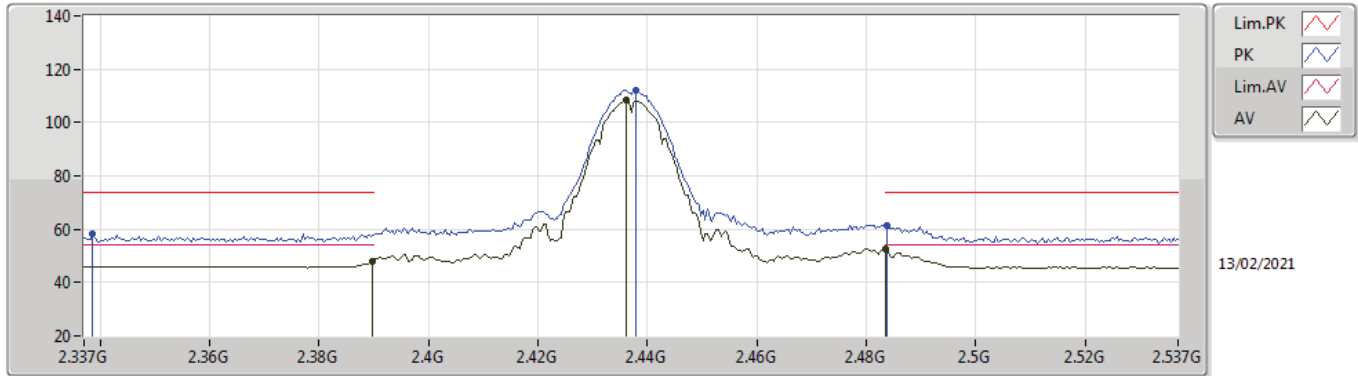


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 4.824G    | 35.81          | 54.00          | -18.19      | 4.99        | 3        | Horizontal | 21          | 2.77       | -       | 30.82      | 31.00   | 8.27    | 34.28   |
| AV   | 12.06056G | 41.53          | 54.00          | -12.47      | 17.66       | 3        | Horizontal | 215         | 1.50       | -       | 23.87      | 38.98   | 13.05   | 34.37   |
| PK   | 4.82386G  | 45.90          | 74.00          | -28.10      | 4.99        | 3        | Horizontal | 21          | 2.77       | -       | 40.91      | 31.00   | 8.27    | 34.28   |
| PK   | 12.06956G | 55.19          | 74.00          | -18.81      | 17.69       | 3        | Horizontal | 215         | 1.50       | -       | 37.50      | 39.01   | 13.05   | 34.37   |



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

### 2437MHz\_TX

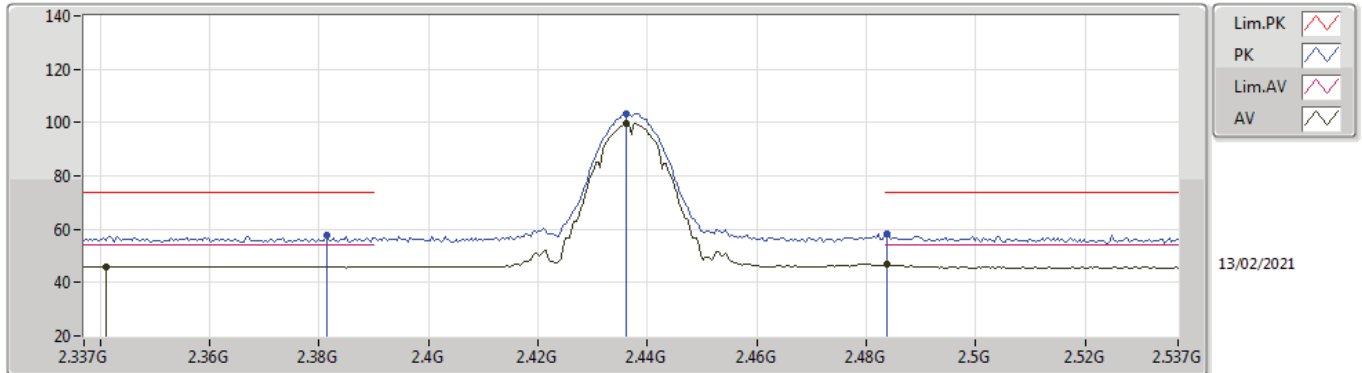


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.3898G   | 48.09          | 54.00          | -5.91       | 33.57       | 3        | Vertical  | 235         | 2.80       | -       | 14.52      | 27.62   | 5.95    | -       |
| AV   | 2.4362G   | 108.43         | Inf            | -Inf        | 33.46       | 3        | Vertical  | 235         | 2.80       | -       | 74.97      | 27.46   | 6.00    | -       |
| AV   | 2.4835G   | 52.76          | 54.00          | -1.24       | 33.46       | 3        | Vertical  | 235         | 2.80       | -       | 19.30      | 27.40   | 6.06    | -       |
| PK   | 2.3386G   | 58.15          | 74.00          | -15.85      | 33.66       | 3        | Vertical  | 235         | 2.80       | -       | 24.49      | 27.75   | 5.91    | -       |
| PK   | 2.4378G   | 112.17         | Inf            | -Inf        | 33.46       | 3        | Vertical  | 235         | 2.80       | -       | 78.71      | 27.45   | 6.01    | -       |
| PK   | 2.4838G   | 61.48          | 74.00          | -12.52      | 33.46       | 3        | Vertical  | 235         | 2.80       | -       | 28.02      | 27.40   | 6.06    | -       |



802.11b\_Nss1,(1Mbps)\_1TX

2437MHz\_TX

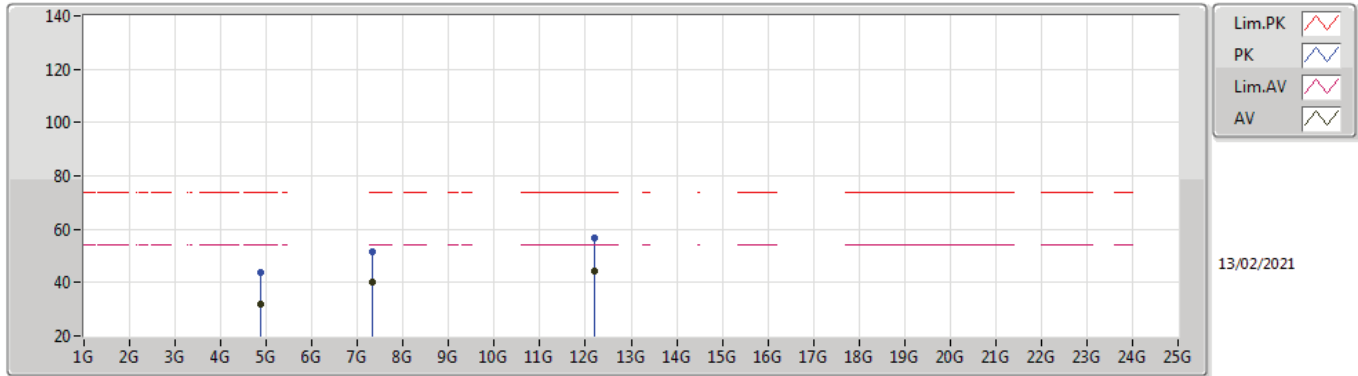


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.341G    | 46.04          | 54.00          | -7.96       | 33.66       | 3        | Horizontal | 66          | 2.61       | -       | 12.38      | 27.74   | 5.92    | -       |
| AV   | 2.4362G   | 99.75          | Inf            | -Inf        | 33.46       | 3        | Horizontal | 66          | 2.61       | -       | 66.29      | 27.46   | 6.00    | -       |
| AV   | 2.4838G   | 46.64          | 54.00          | -7.36       | 33.46       | 3        | Horizontal | 66          | 2.61       | -       | 13.18      | 27.40   | 6.06    | -       |
| PK   | 2.3814G   | 57.56          | 74.00          | -16.44      | 33.59       | 3        | Horizontal | 66          | 2.61       | -       | 23.97      | 27.64   | 5.95    | -       |
| PK   | 2.4362G   | 103.45         | Inf            | -Inf        | 33.46       | 3        | Horizontal | 66          | 2.61       | -       | 69.99      | 27.46   | 6.00    | -       |
| PK   | 2.4838G   | 58.28          | 74.00          | -15.72      | 33.46       | 3        | Horizontal | 66          | 2.61       | -       | 24.82      | 27.40   | 6.06    | -       |



802.11b\_Nss1,(1Mbps)\_1TX

2437MHz\_TX

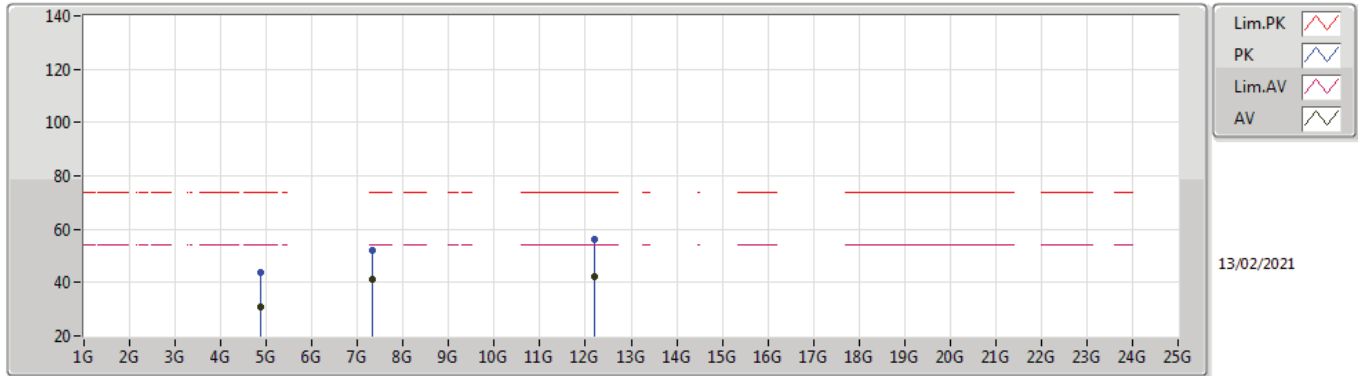


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 4.87398G  | 31.97          | 54.00          | -22.03      | 5.09        | 3        | Vertical  | 47          | 2.43       | -       | 26.88      | 31.05   | 8.30    | 34.26   |
| AV   | 7.31022G  | 40.04          | 54.00          | -13.96      | 11.82       | 3        | Vertical  | 352         | 1.83       | -       | 28.22      | 36.36   | 10.03   | 34.57   |
| AV   | 12.18418G | 44.48          | 54.00          | -9.52       | 17.83       | 3        | Vertical  | 360         | 2.01       | -       | 26.65      | 39.02   | 13.12   | 34.31   |
| PK   | 4.87374G  | 43.86          | 74.00          | -30.14      | 5.09        | 3        | Vertical  | 47          | 2.43       | -       | 38.77      | 31.05   | 8.30    | 34.26   |
| PK   | 7.31301G  | 51.57          | 74.00          | -22.43      | 11.81       | 3        | Vertical  | 352         | 1.83       | -       | 39.76      | 36.35   | 10.03   | 34.57   |
| PK   | 12.18352G | 56.75          | 74.00          | -17.25      | 17.83       | 3        | Vertical  | 360         | 2.01       | -       | 38.92      | 39.02   | 13.12   | 34.31   |



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

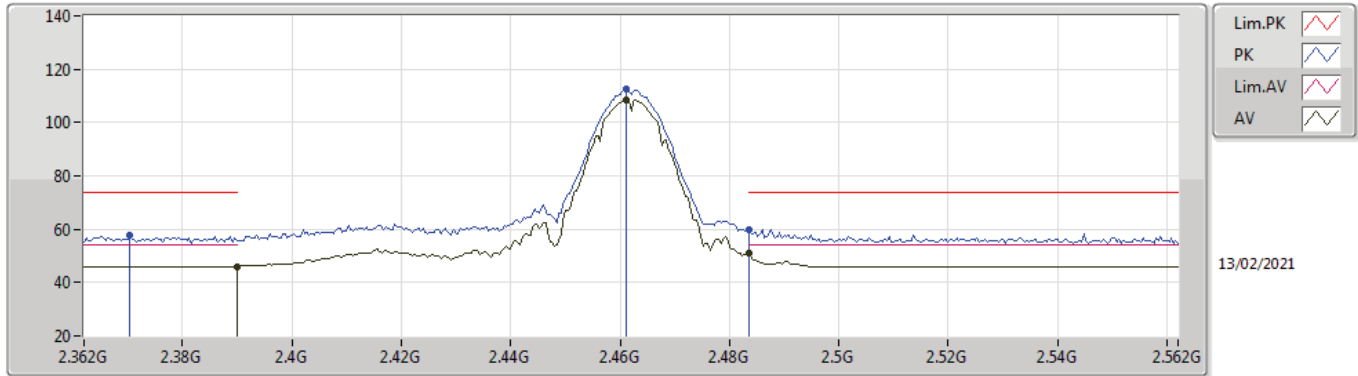
### 2437MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 4.87389G  | 30.96          | 54.00          | -23.04      | 5.09        | 3        | Horizontal | 304         | 2.81       | -       | 25.87      | 31.05   | 8.30    | 34.26   |
| AV   | 7.31025G  | 41.28          | 54.00          | -12.72      | 11.82       | 3        | Horizontal | 7           | 2.29       | -       | 29.46      | 36.36   | 10.03   | 34.57   |
| AV   | 12.18382G | 42.32          | 54.00          | -11.68      | 17.83       | 3        | Horizontal | 155         | 3.00       | -       | 24.49      | 39.02   | 13.12   | 34.31   |
| PK   | 4.87154G  | 44.01          | 74.00          | -29.99      | 5.10        | 3        | Horizontal | 304         | 2.81       | -       | 38.91      | 31.06   | 8.30    | 34.26   |
| PK   | 7.31059G  | 51.90          | 74.00          | -22.10      | 11.82       | 3        | Horizontal | 7           | 2.29       | -       | 40.08      | 36.36   | 10.03   | 34.57   |
| PK   | 12.18532G | 56.45          | 74.00          | -17.55      | 17.82       | 3        | Horizontal | 155         | 3.00       | -       | 38.63      | 39.01   | 13.12   | 34.31   |

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

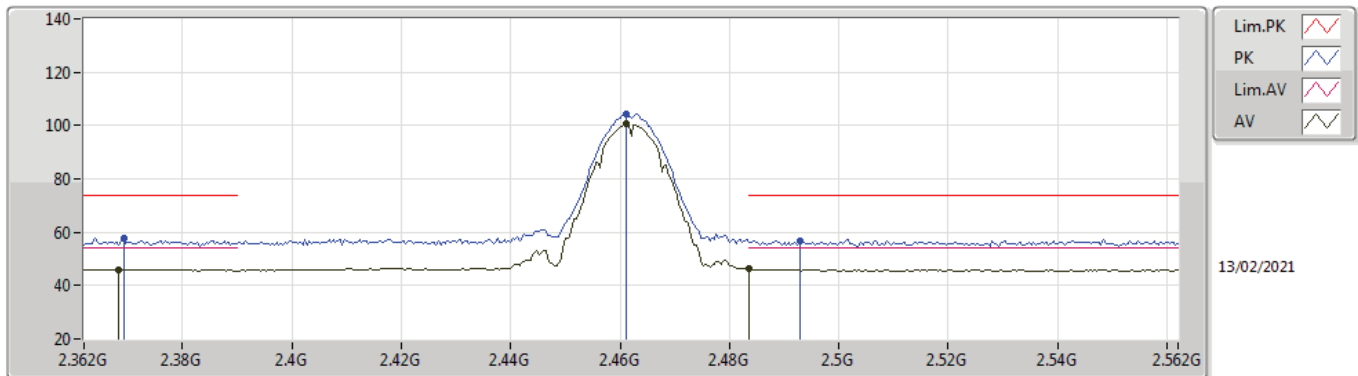
### 2462MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.39G     | 46.08          | 54.00          | -7.92       | 33.57       | 3        | Vertical  | 54          | 2.87       | -       | 12.51      | 27.62   | 5.95    | -       |
| AV   | 2.4612G   | 108.59         | Inf            | -Inf        | 33.43       | 3        | Vertical  | 54          | 2.87       | -       | 75.16      | 27.40   | 6.03    | -       |
| AV   | 2.4835G   | 50.92          | 54.00          | -3.08       | 33.46       | 3        | Vertical  | 54          | 2.87       | -       | 17.46      | 27.40   | 6.06    | -       |
| PK   | 2.3704G   | 57.64          | 74.00          | -16.36      | 33.60       | 3        | Vertical  | 54          | 2.87       | -       | 24.04      | 27.66   | 5.94    | -       |
| PK   | 2.4612G   | 112.33         | Inf            | -Inf        | 33.43       | 3        | Vertical  | 54          | 2.87       | -       | 78.90      | 27.40   | 6.03    | -       |
| PK   | 2.4835G   | 60.00          | 74.00          | -14.00      | 33.46       | 3        | Vertical  | 54          | 2.87       | -       | 26.54      | 27.40   | 6.06    | -       |

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

### 2462MHz\_TX

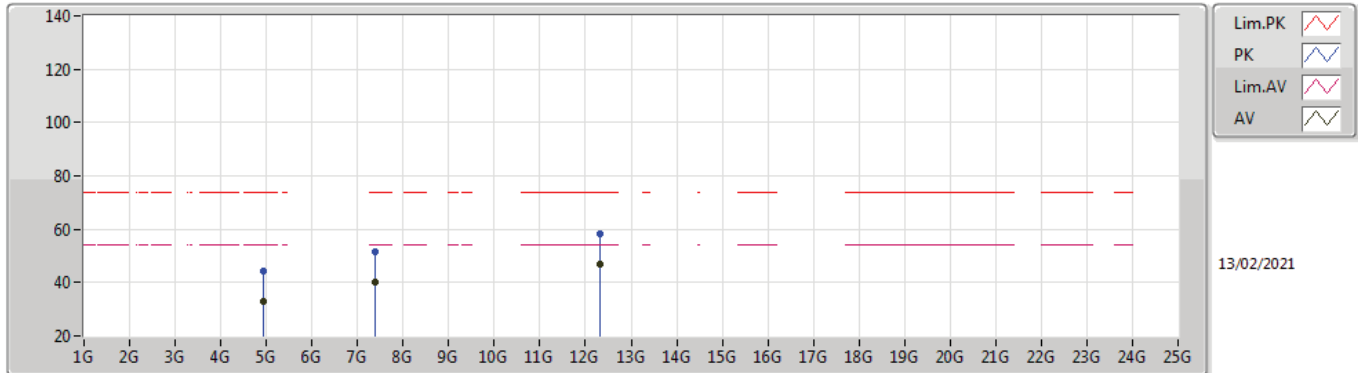


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.3684G   | 45.90          | 54.00          | -8.10       | 33.60       | 3        | Horizontal | 72          | 2.30       | -       | 12.30      | 27.66   | 5.94    | -       |
| AV   | 2.4612G   | 100.66         | Inf            | -Inf        | 33.43       | 3        | Horizontal | 72          | 2.30       | -       | 67.23      | 27.40   | 6.03    | -       |
| AV   | 2.4835G   | 46.41          | 54.00          | -7.59       | 33.46       | 3        | Horizontal | 72          | 2.30       | -       | 12.95      | 27.40   | 6.06    | -       |
| PK   | 2.3692G   | 57.87          | 74.00          | -16.13      | 33.60       | 3        | Horizontal | 72          | 2.30       | -       | 24.27      | 27.66   | 5.94    | -       |
| PK   | 2.4612G   | 104.42         | Inf            | -Inf        | 33.43       | 3        | Horizontal | 72          | 2.30       | -       | 70.99      | 27.40   | 6.03    | -       |
| PK   | 2.4928G   | 56.77          | 74.00          | -17.23      | 33.47       | 3        | Horizontal | 72          | 2.30       | -       | 23.30      | 27.40   | 6.07    | -       |



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

### 2462MHz\_TX



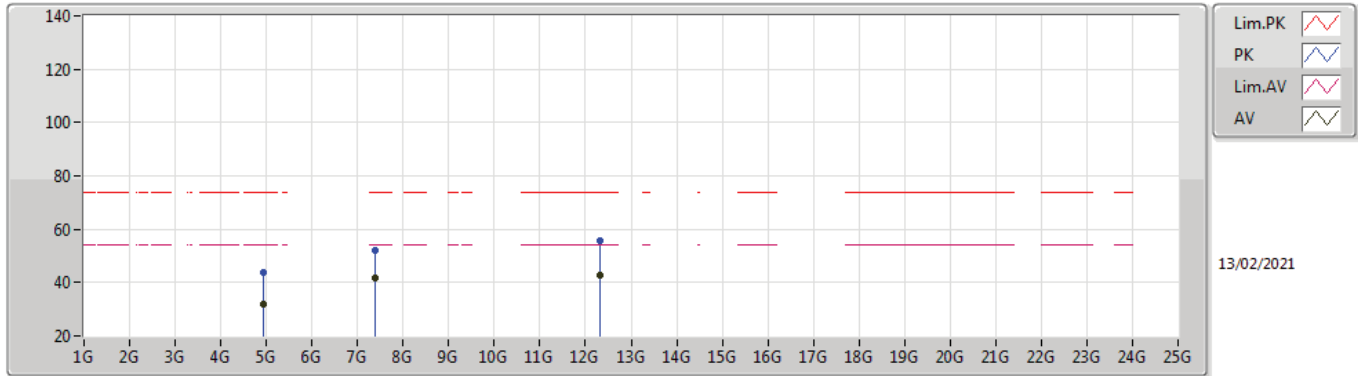
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 4.92397G  | 32.92          | 54.00          | -21.08      | 5.18        | 3        | Vertical  | 122         | 2.71       | -       | 27.74      | 31.10   | 8.33    | 34.25   |
| AV   | 7.38522G  | 40.12          | 54.00          | -13.88      | 11.60       | 3        | Vertical  | 0           | 2.68       | -       | 28.52      | 36.13   | 10.05   | 34.58   |
| AV   | 12.30926G | 47.07          | 54.00          | -6.93       | 17.72       | 3        | Vertical  | 269         | 2.53       | -       | 29.35      | 38.77   | 13.20   | 34.25   |
| PK   | 4.92422G  | 44.41          | 74.00          | -29.59      | 5.18        | 3        | Vertical  | 122         | 2.71       | -       | 39.23      | 31.10   | 8.33    | 34.25   |
| PK   | 7.38519G  | 51.37          | 74.00          | -22.63      | 11.60       | 3        | Vertical  | 0           | 2.68       | -       | 39.77      | 36.13   | 10.05   | 34.58   |
| PK   | 12.3084G  | 58.15          | 74.00          | -15.85      | 17.72       | 3        | Vertical  | 269         | 2.53       | -       | 40.43      | 38.77   | 13.20   | 34.25   |





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

### 2462MHz\_TX

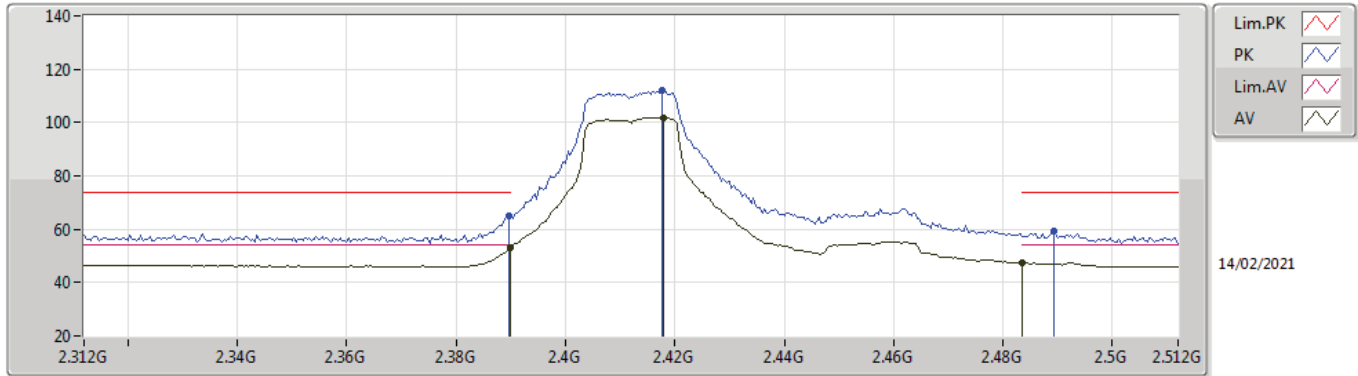


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 4.924G    | 31.78          | 54.00          | -22.22      | 5.18        | 3        | Horizontal | 291         | 2.37       | -       | 26.60      | 31.10   | 8.33    | 34.25   |
| AV   | 7.38524G  | 41.65          | 54.00          | -12.35      | 11.60       | 3        | Horizontal | 6           | 2.20       | -       | 30.05      | 36.13   | 10.05   | 34.58   |
| AV   | 12.30836G | 42.67          | 54.00          | -11.33      | 17.72       | 3        | Horizontal | 245         | 1.00       | -       | 24.95      | 38.77   | 13.20   | 34.25   |
| PK   | 4.924G    | 43.78          | 74.00          | -30.22      | 5.18        | 3        | Horizontal | 291         | 2.37       | -       | 38.60      | 31.10   | 8.33    | 34.25   |
| PK   | 7.38664G  | 52.02          | 74.00          | -21.98      | 11.60       | 3        | Horizontal | 6           | 2.20       | -       | 40.42      | 36.13   | 10.05   | 34.58   |
| PK   | 12.31002G | 55.53          | 74.00          | -18.47      | 17.73       | 3        | Horizontal | 245         | 1.00       | -       | 37.80      | 38.77   | 13.20   | 34.24   |



802.11g\_Nss1,(6Mbps)\_1TX

2412MHz\_TX

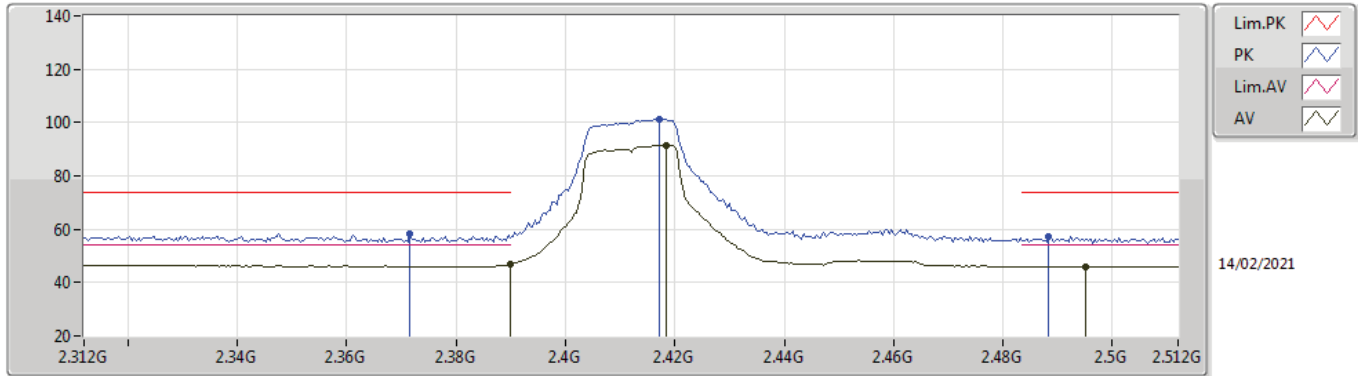


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.39G     | 53.20          | 54.00          | -0.80       | 33.57       | 3        | Vertical  | 234         | 2.96       | -       | 19.63      | 27.62   | 5.95    | -       |
| AV   | 2.418G    | 101.78         | Inf            | -Inf        | 33.51       | 3        | Vertical  | 234         | 2.96       | -       | 68.27      | 27.53   | 5.98    | -       |
| AV   | 2.4835G   | 47.36          | 54.00          | -6.64       | 33.46       | 3        | Vertical  | 234         | 2.96       | -       | 13.90      | 27.40   | 6.06    | -       |
| PK   | 2.3896G   | 65.01          | 74.00          | -8.99       | 33.57       | 3        | Vertical  | 234         | 2.96       | -       | 31.44      | 27.62   | 5.95    | -       |
| PK   | 2.4176G   | 112.13         | Inf            | -Inf        | 33.51       | 3        | Vertical  | 234         | 2.96       | -       | 78.62      | 27.53   | 5.98    | -       |
| PK   | 2.4892G   | 59.25          | 74.00          | -14.75      | 33.47       | 3        | Vertical  | 234         | 2.96       | -       | 25.78      | 27.40   | 6.07    | -       |



802.11g\_Nss1,(6Mbps)\_1TX

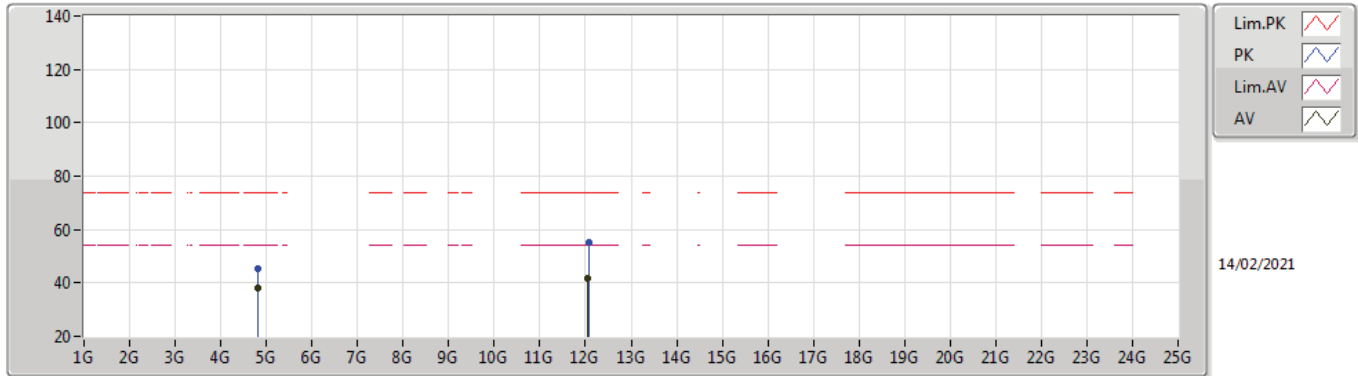
2412MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.39G     | 46.99          | 54.00          | -7.01       | 33.57       | 3        | Horizontal | 193         | 1.68       | -       | 13.42      | 27.62   | 5.95    | -       |
| AV   | 2.4184G   | 91.52          | Inf            | -Inf        | 33.51       | 3        | Horizontal | 193         | 1.68       | -       | 58.01      | 27.53   | 5.98    | -       |
| AV   | 2.4952G   | 45.97          | 54.00          | -8.03       | 33.47       | 3        | Horizontal | 193         | 1.68       | -       | 12.50      | 27.40   | 6.07    | -       |
| PK   | 2.3716G   | 58.09          | 74.00          | -15.91      | 33.60       | 3        | Horizontal | 193         | 1.68       | -       | 24.49      | 27.66   | 5.94    | -       |
| PK   | 2.4172G   | 101.34         | Inf            | -Inf        | 33.51       | 3        | Horizontal | 193         | 1.68       | -       | 67.83      | 27.53   | 5.98    | -       |
| PK   | 2.4884G   | 57.40          | 74.00          | -16.60      | 33.47       | 3        | Horizontal | 193         | 1.68       | -       | 23.93      | 27.40   | 6.07    | -       |

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

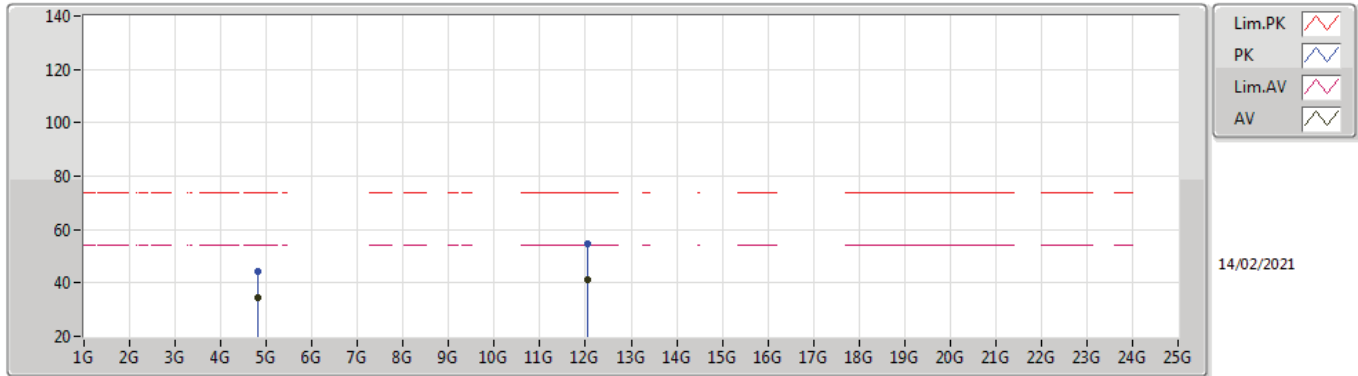
### 2412MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 4.82397G  | 38.06          | 54.00          | -15.94      | 4.99        | 3        | Vertical  | 227         | 2.56       | -       | 33.07      | 31.00   | 8.27    | 34.28   |
| AV   | 12.06096G | 41.79          | 54.00          | -12.21      | 17.66       | 3        | Vertical  | 350         | 1.64       | -       | 24.13      | 38.98   | 13.05   | 34.37   |
| PK   | 4.82391G  | 45.50          | 74.00          | -28.50      | 4.99        | 3        | Vertical  | 227         | 2.56       | -       | 40.51      | 31.00   | 8.27    | 34.28   |
| PK   | 12.06266G | 55.17          | 74.00          | -18.83      | 17.67       | 3        | Vertical  | 350         | 1.64       | -       | 37.50      | 38.99   | 13.05   | 34.37   |

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

### 2412MHz\_TX

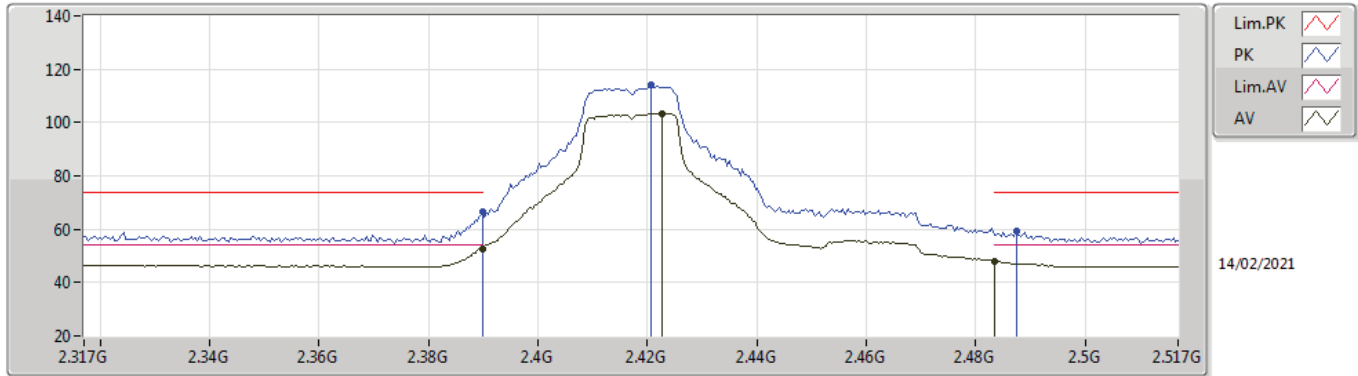


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 4.82398G  | 34.36          | 54.00          | -19.64      | 4.99        | 3        | Horizontal | 160         | 2.71       | -       | 29.37      | 31.00   | 8.27    | 34.28   |
| AV   | 12.05864G | 41.43          | 54.00          | -12.57      | 17.66       | 3        | Horizontal | 226         | 3.00       | -       | 23.77      | 38.98   | 13.05   | 34.37   |
| PK   | 4.82391G  | 44.55          | 74.00          | -29.45      | 4.99        | 3        | Horizontal | 160         | 2.71       | -       | 39.56      | 31.00   | 8.27    | 34.28   |
| PK   | 12.05857G | 54.59          | 74.00          | -19.41      | 17.66       | 3        | Horizontal | 226         | 3.00       | -       | 36.93      | 38.98   | 13.05   | 34.37   |



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

### 2417MHz\_TX

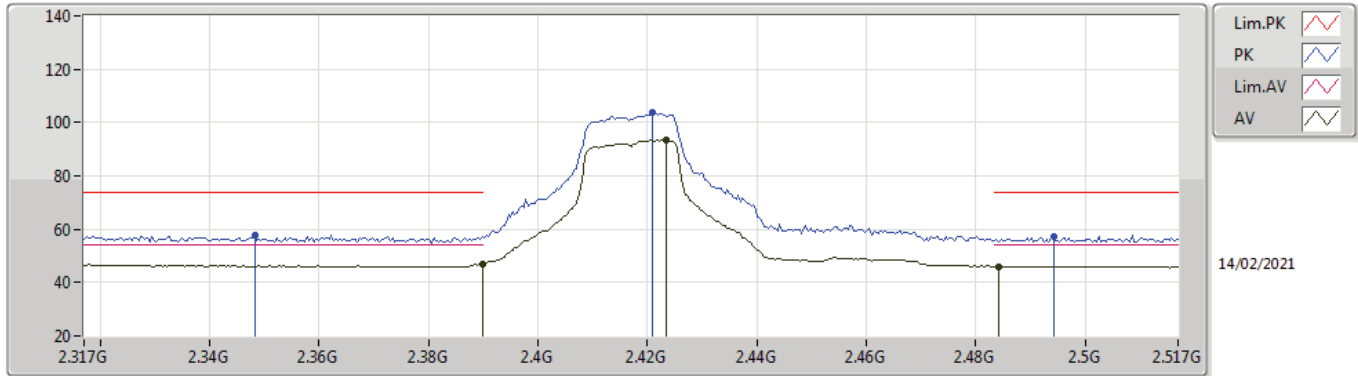


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.3898G   | 52.80          | 54.00          | -1.20       | 33.57       | 3        | Vertical  | 236         | 3.00       | -       | 19.23      | 27.62   | 5.95    | -       |
| AV   | 2.4226G   | 103.45         | Inf            | -Inf        | 33.50       | 3        | Vertical  | 236         | 3.00       | -       | 69.95      | 27.51   | 5.99    | -       |
| AV   | 2.4835G   | 47.81          | 54.00          | -6.19       | 33.46       | 3        | Vertical  | 236         | 3.00       | -       | 14.35      | 27.40   | 6.06    | -       |
| PK   | 2.3898G   | 66.36          | 74.00          | -7.64       | 33.57       | 3        | Vertical  | 236         | 3.00       | -       | 32.79      | 27.62   | 5.95    | -       |
| PK   | 2.4206G   | 113.90         | Inf            | -Inf        | 33.50       | 3        | Vertical  | 236         | 3.00       | -       | 80.40      | 27.52   | 5.98    | -       |
| PK   | 2.4874G   | 59.14          | 74.00          | -14.86      | 33.46       | 3        | Vertical  | 236         | 3.00       | -       | 25.68      | 27.40   | 6.06    | -       |



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

### 2417MHz\_TX

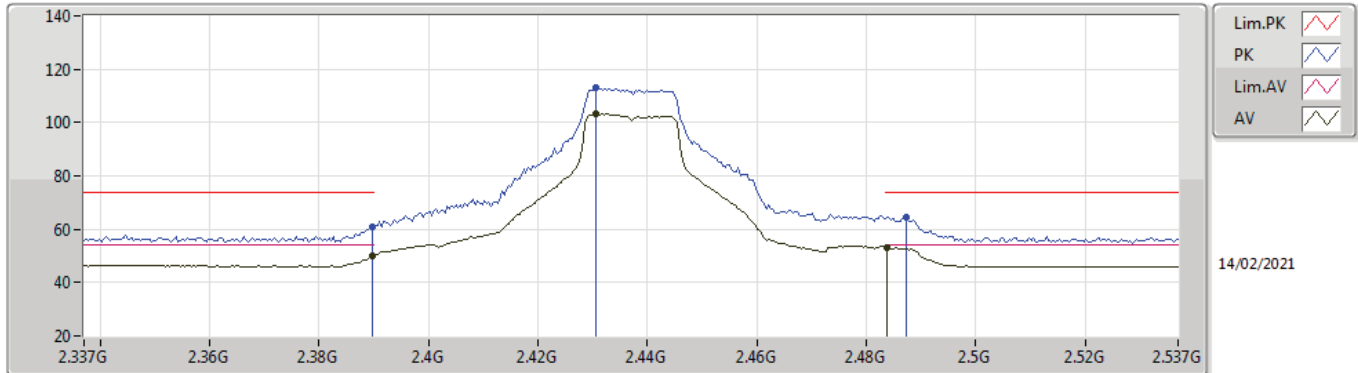


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.3898G   | 46.79          | 54.00          | -7.21       | 33.57       | 3        | Horizontal | 68          | 1.26       | -       | 13.22      | 27.62   | 5.95    | -       |
| AV   | 2.4234G   | 93.41          | Inf            | -Inf        | 33.50       | 3        | Horizontal | 68          | 1.26       | -       | 59.91      | 27.51   | 5.99    | -       |
| AV   | 2.4842G   | 46.09          | 54.00          | -7.91       | 33.46       | 3        | Horizontal | 68          | 1.26       | -       | 12.63      | 27.40   | 6.06    | -       |
| PK   | 2.3482G   | 57.79          | 74.00          | -16.21      | 33.63       | 3        | Horizontal | 68          | 1.26       | -       | 24.16      | 27.71   | 5.92    | -       |
| PK   | 2.421G    | 103.86         | Inf            | -Inf        | 33.51       | 3        | Horizontal | 68          | 1.26       | -       | 70.35      | 27.52   | 5.99    | -       |
| PK   | 2.4942G   | 57.01          | 74.00          | -16.99      | 33.47       | 3        | Horizontal | 68          | 1.26       | -       | 23.54      | 27.40   | 6.07    | -       |



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

### 2437MHz\_TX

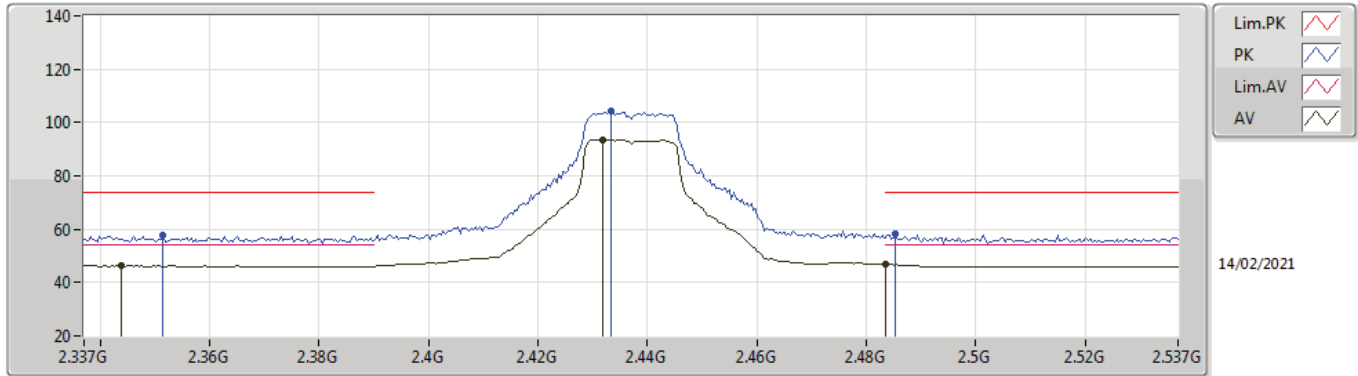


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.3898G   | 50.02          | 54.00          | -3.98       | 33.57       | 3        | Vertical  | 236         | 2.87       | -       | 16.45      | 27.62   | 5.95    | -       |
| AV   | 2.4306G   | 103.19         | Inf            | -Inf        | 33.48       | 3        | Vertical  | 236         | 2.87       | -       | 69.71      | 27.48   | 6.00    | -       |
| AV   | 2.4838G   | 53.21          | 54.00          | -0.79       | 33.46       | 3        | Vertical  | 236         | 2.87       | -       | 19.75      | 27.40   | 6.06    | -       |
| PK   | 2.3898G   | 60.77          | 74.00          | -13.23      | 33.57       | 3        | Vertical  | 236         | 2.87       | -       | 27.20      | 27.62   | 5.95    | -       |
| PK   | 2.4306G   | 113.02         | Inf            | -Inf        | 33.48       | 3        | Vertical  | 236         | 2.87       | -       | 79.54      | 27.48   | 6.00    | -       |
| PK   | 2.4874G   | 64.54          | 74.00          | -9.46       | 33.46       | 3        | Vertical  | 236         | 2.87       | -       | 31.08      | 27.40   | 6.06    | -       |



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

### 2437MHz\_TX

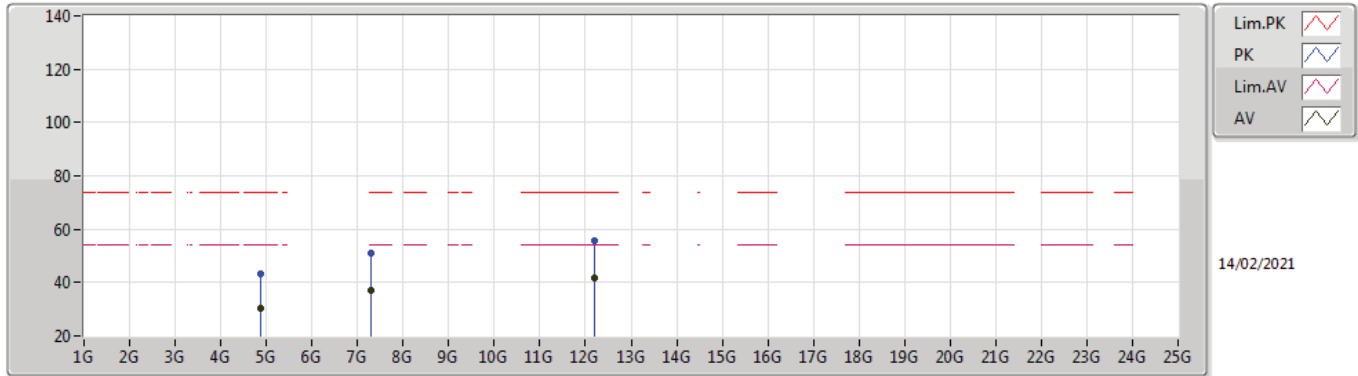


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.3438G   | 46.40          | 54.00          | -7.60       | 33.64       | 3        | Horizontal | 66          | 2.34       | -       | 12.76      | 27.72   | 5.92    | -       |
| AV   | 2.4318G   | 93.68          | Inf            | -Inf        | 33.47       | 3        | Horizontal | 66          | 2.34       | -       | 60.21      | 27.47   | 6.00    | -       |
| AV   | 2.4835G   | 46.99          | 54.00          | -7.01       | 33.46       | 3        | Horizontal | 66          | 2.34       | -       | 13.53      | 27.40   | 6.06    | -       |
| PK   | 2.3514G   | 57.64          | 74.00          | -16.36      | 33.62       | 3        | Horizontal | 66          | 2.34       | -       | 24.02      | 27.70   | 5.92    | -       |
| PK   | 2.4334G   | 104.17         | Inf            | -Inf        | 33.47       | 3        | Horizontal | 66          | 2.34       | -       | 70.70      | 27.47   | 6.00    | -       |
| PK   | 2.4854G   | 58.05          | 74.00          | -15.95      | 33.46       | 3        | Horizontal | 66          | 2.34       | -       | 24.59      | 27.40   | 6.06    | -       |



802.11g\_Nss1,(6Mbps)\_1TX

2437MHz\_TX

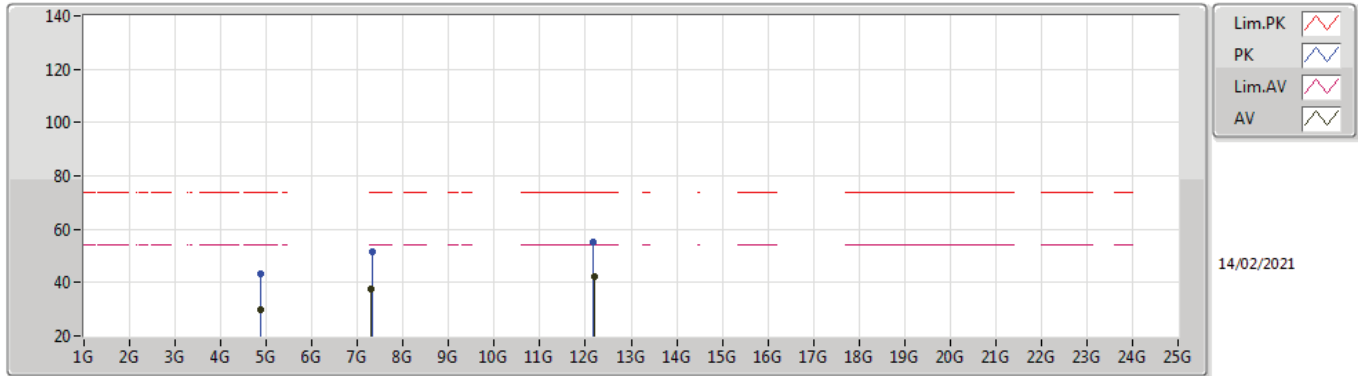


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 4.8751G   | 30.10          | 54.00          | -23.90      | 5.09        | 3        | Vertical  | 1           | 2.60       | -       | 25.01      | 31.05   | 8.30    | 34.26   |
| AV   | 7.30804G  | 36.98          | 54.00          | -17.02      | 11.83       | 3        | Vertical  | 352         | 1.78       | -       | 25.15      | 36.37   | 10.03   | 34.57   |
| AV   | 12.1922G  | 41.97          | 54.00          | -12.03      | 17.84       | 3        | Vertical  | 136         | 1.41       | -       | 24.13      | 39.01   | 13.13   | 34.30   |
| PK   | 4.87138G  | 43.20          | 74.00          | -30.80      | 5.10        | 3        | Vertical  | 1           | 2.60       | -       | 38.10      | 31.06   | 8.30    | 34.26   |
| PK   | 7.30248G  | 50.82          | 74.00          | -23.18      | 11.85       | 3        | Vertical  | 352         | 1.78       | -       | 38.97      | 36.39   | 10.03   | 34.57   |
| PK   | 12.18696G | 55.51          | 74.00          | -18.49      | 17.82       | 3        | Vertical  | 136         | 1.41       | -       | 37.69      | 39.01   | 13.12   | 34.31   |



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

### 2437MHz\_TX

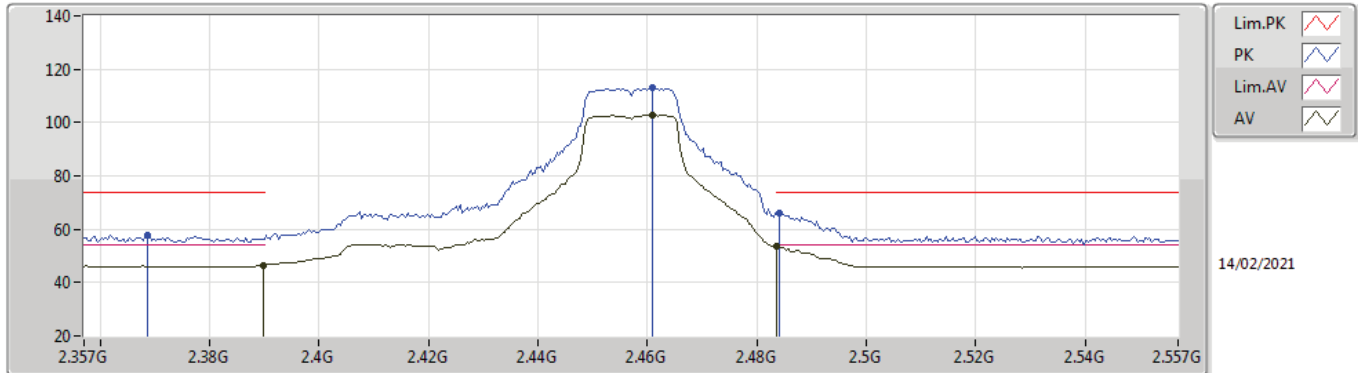


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 4.8762G   | 29.92          | 54.00          | -24.08      | 5.09        | 3        | Horizontal | 195         | 1.50       | -       | 24.83      | 31.05   | 8.30    | 34.26   |
| AV   | 7.308G    | 37.47          | 54.00          | -16.53      | 11.83       | 3        | Horizontal | 7           | 2.28       | -       | 25.64      | 36.37   | 10.03   | 34.57   |
| AV   | 12.191G   | 42.00          | 54.00          | -12.00      | 17.84       | 3        | Horizontal | 263         | 1.62       | -       | 24.16      | 39.01   | 13.13   | 34.30   |
| PK   | 4.87404G  | 43.35          | 74.00          | -30.65      | 5.09        | 3        | Horizontal | 195         | 1.50       | -       | 38.26      | 31.05   | 8.30    | 34.26   |
| PK   | 7.3196G   | 51.62          | 74.00          | -22.38      | 11.78       | 3        | Horizontal | 7           | 2.28       | -       | 39.84      | 36.32   | 10.03   | 34.57   |
| PK   | 12.17932G | 55.34          | 74.00          | -18.66      | 17.83       | 3        | Horizontal | 263         | 1.62       | -       | 37.51      | 39.02   | 13.12   | 34.31   |



802.11g\_Nss1,(6Mbps)\_1TX

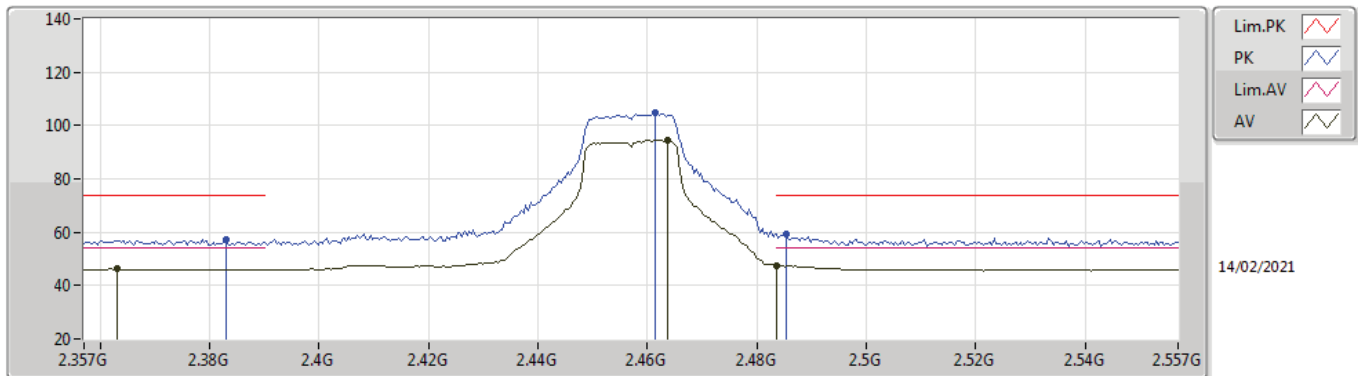
2457MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.3898G   | 46.51          | 54.00          | -7.49       | 33.57       | 3        | Vertical  | 234         | 2.81       | -       | 12.94      | 27.62   | 5.95    | -       |
| AV   | 2.461G    | 103.01         | Inf            | -Inf        | 33.43       | 3        | Vertical  | 234         | 2.81       | -       | 69.58      | 27.40   | 6.03    | -       |
| AV   | 2.4835G   | 53.43          | 54.00          | -0.57       | 33.46       | 3        | Vertical  | 234         | 2.81       | -       | 19.97      | 27.40   | 6.06    | -       |
| PK   | 2.3686G   | 57.69          | 74.00          | -16.31      | 33.60       | 3        | Vertical  | 234         | 2.81       | -       | 24.09      | 27.66   | 5.94    | -       |
| PK   | 2.461G    | 113.18         | Inf            | -Inf        | 33.43       | 3        | Vertical  | 234         | 2.81       | -       | 79.75      | 27.40   | 6.03    | -       |
| PK   | 2.4842G   | 66.29          | 74.00          | -7.71       | 33.46       | 3        | Vertical  | 234         | 2.81       | -       | 32.83      | 27.40   | 6.06    | -       |

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

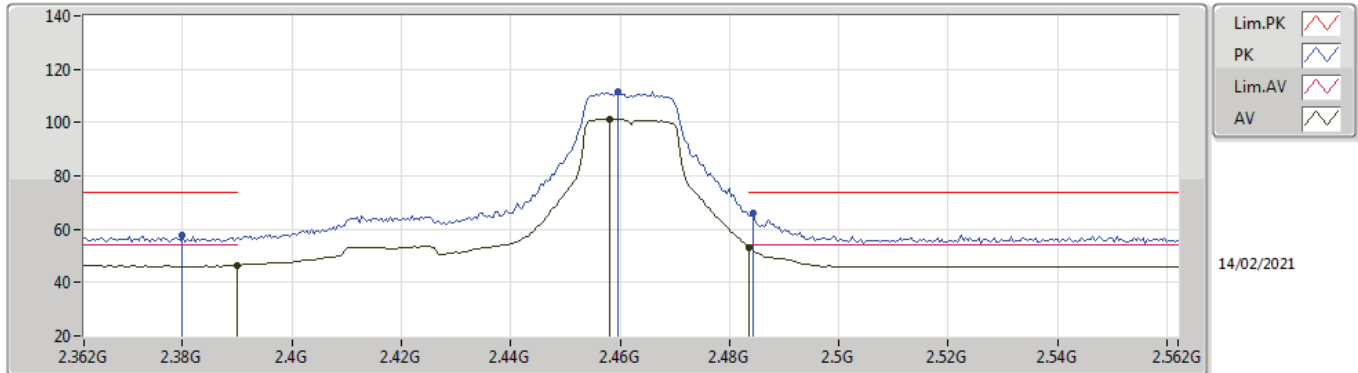
### 2457MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.363G    | 46.18          | 54.00          | -7.82       | 33.60       | 3        | Horizontal | 71          | 2.31       | -       | 12.58      | 27.67   | 5.93    | -       |
| AV   | 2.4638G   | 94.44          | Inf            | -Inf        | 33.44       | 3        | Horizontal | 71          | 2.31       | -       | 61.00      | 27.40   | 6.04    | -       |
| AV   | 2.4835G   | 47.64          | 54.00          | -6.36       | 33.46       | 3        | Horizontal | 71          | 2.31       | -       | 14.18      | 27.40   | 6.06    | -       |
| PK   | 2.383G    | 57.46          | 74.00          | -16.54      | 33.58       | 3        | Horizontal | 71          | 2.31       | -       | 23.88      | 27.63   | 5.95    | -       |
| PK   | 2.4614G   | 104.76         | Inf            | -Inf        | 33.43       | 3        | Horizontal | 71          | 2.31       | -       | 71.33      | 27.40   | 6.03    | -       |
| PK   | 2.4854G   | 59.29          | 74.00          | -14.71      | 33.46       | 3        | Horizontal | 71          | 2.31       | -       | 25.83      | 27.40   | 6.06    | -       |

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

### 2462MHz\_TX

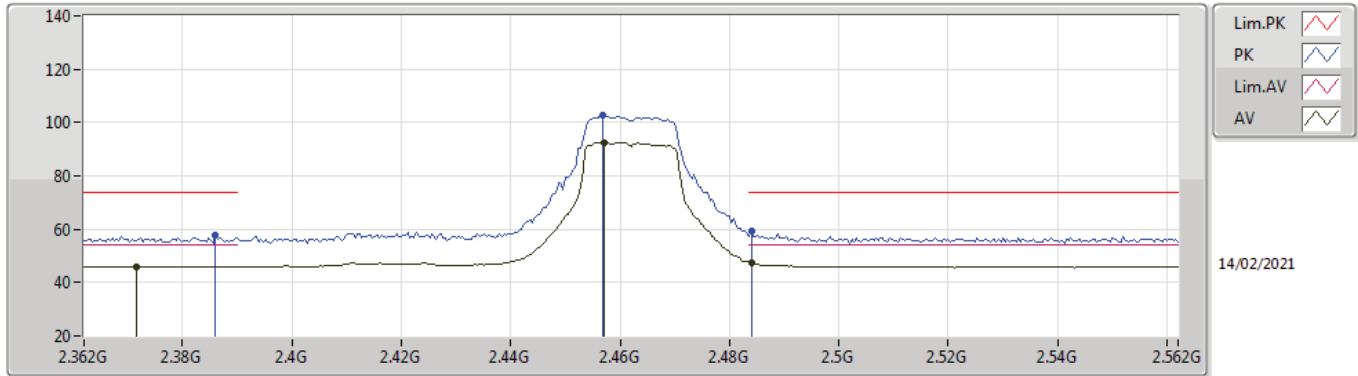


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.39G     | 46.45          | 54.00          | -7.55       | 33.57       | 3        | Vertical  | 232         | 2.79       | -       | 12.88      | 27.62   | 5.95    | -       |
| AV   | 2.458G    | 101.29         | Inf            | -Inf        | 33.43       | 3        | Vertical  | 232         | 2.79       | -       | 67.86      | 27.40   | 6.03    | -       |
| AV   | 2.4835G   | 53.01          | 54.00          | -0.99       | 33.46       | 3        | Vertical  | 232         | 2.79       | -       | 19.55      | 27.40   | 6.06    | -       |
| PK   | 2.38G     | 57.98          | 74.00          | -16.02      | 33.59       | 3        | Vertical  | 232         | 2.79       | -       | 24.39      | 27.64   | 5.95    | -       |
| PK   | 2.4596G   | 111.44         | Inf            | -Inf        | 33.43       | 3        | Vertical  | 232         | 2.79       | -       | 78.01      | 27.40   | 6.03    | -       |
| PK   | 2.4844G   | 66.10          | 74.00          | -7.90       | 33.46       | 3        | Vertical  | 232         | 2.79       | -       | 32.64      | 27.40   | 6.06    | -       |



802.11g\_Nss1,(6Mbps)\_1TX

2462MHz\_TX

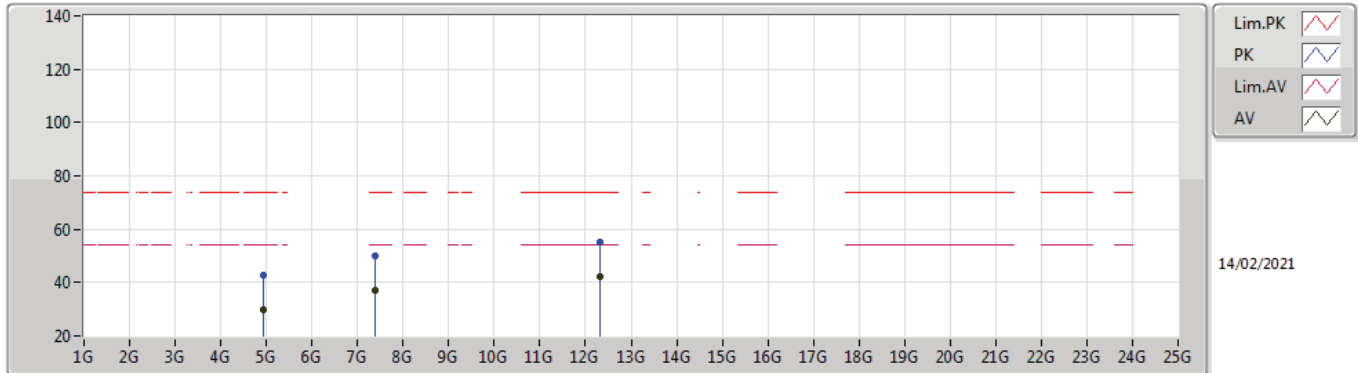


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| PK   | 2.386G    | 57.73          | 74.00          | -16.27      | 33.58       | 3        | Horizontal | 72          | 2.30       | -       | 24.15      | 27.63   | 5.95    | -       |
| AV   | 2.3716G   | 46.10          | 54.00          | -7.90       | 33.60       | 3        | Horizontal | 72          | 2.30       | -       | 12.50      | 27.66   | 5.94    | -       |
| PK   | 2.4568G   | 102.69         | Inf            | -Inf        | 33.43       | 3        | Horizontal | 72          | 2.30       | -       | 69.26      | 27.40   | 6.03    | -       |
| AV   | 2.4572G   | 92.43          | Inf            | -Inf        | 33.43       | 3        | Horizontal | 72          | 2.30       | -       | 59.00      | 27.40   | 6.03    | -       |
| PK   | 2.484G    | 59.54          | 74.00          | -14.46      | 33.46       | 3        | Horizontal | 72          | 2.30       | -       | 26.08      | 27.40   | 6.06    | -       |
| AV   | 2.484G    | 47.48          | 54.00          | -6.52       | 33.46       | 3        | Horizontal | 72          | 2.30       | -       | 14.02      | 27.40   | 6.06    | -       |



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

### 2462MHz\_TX



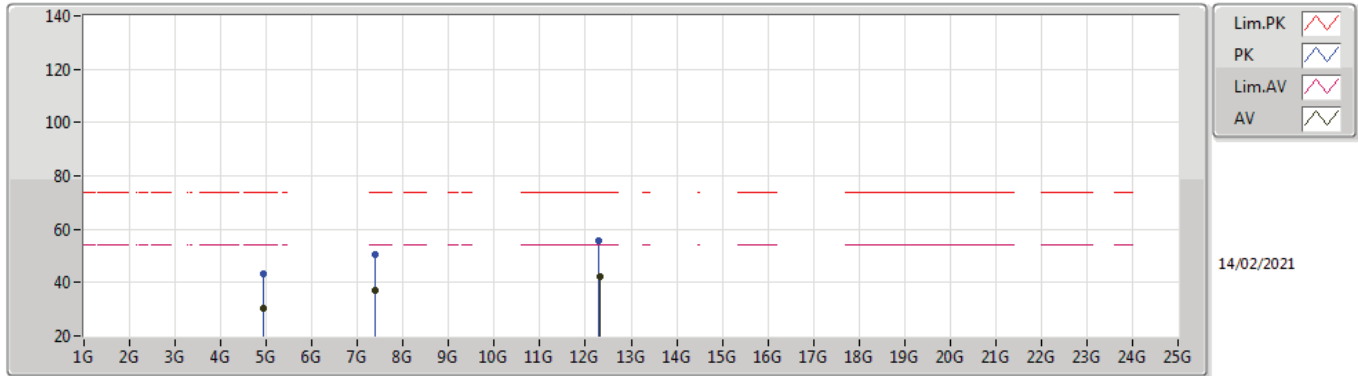
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 4.92788G  | 30.01          | 54.00          | -23.99      | 5.20        | 3        | Vertical  | 257         | 1.94       | -       | 24.81      | 31.11   | 8.33    | 34.24   |
| AV   | 7.3808G   | 36.94          | 54.00          | -17.06      | 11.61       | 3        | Vertical  | 11          | 2.08       | -       | 25.33      | 36.14   | 10.05   | 34.58   |
| AV   | 12.30972G | 42.48          | 54.00          | -11.52      | 17.72       | 3        | Vertical  | 34          | 2.07       | -       | 24.76      | 38.77   | 13.20   | 34.25   |
| PK   | 4.92236G  | 42.95          | 74.00          | -31.05      | 5.17        | 3        | Vertical  | 257         | 1.94       | -       | 37.78      | 31.09   | 8.33    | 34.25   |
| PK   | 7.38076G  | 50.02          | 74.00          | -23.98      | 11.61       | 3        | Vertical  | 11          | 2.08       | -       | 38.41      | 36.14   | 10.05   | 34.58   |
| PK   | 12.31436G | 55.23          | 74.00          | -18.77      | 17.72       | 3        | Vertical  | 34          | 2.07       | -       | 37.51      | 38.76   | 13.20   | 34.24   |





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

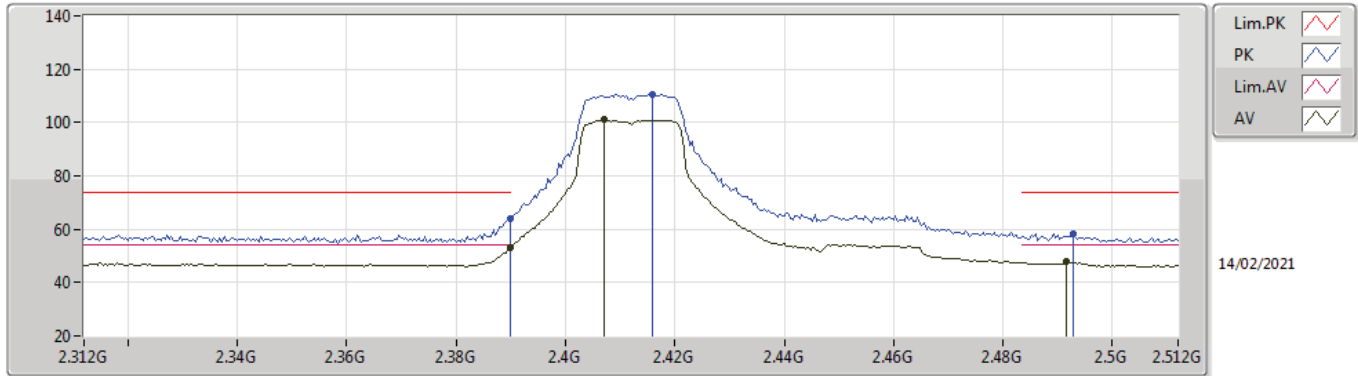
### 2462MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 4.92828G  | 30.14          | 54.00          | -23.86      | 5.20        | 3        | Horizontal | 64          | 1.49       | -       | 24.94      | 31.11   | 8.33    | 34.24   |
| AV   | 7.38516G  | 36.88          | 54.00          | -17.12      | 11.60       | 3        | Horizontal | 6           | 2.10       | -       | 25.28      | 36.13   | 10.05   | 34.58   |
| AV   | 12.30832G | 42.27          | 54.00          | -11.73      | 17.73       | 3        | Horizontal | 71          | 1.53       | -       | 24.54      | 38.78   | 13.20   | 34.25   |
| PK   | 4.92344G  | 43.31          | 74.00          | -30.69      | 5.17        | 3        | Horizontal | 64          | 1.49       | -       | 38.14      | 31.09   | 8.33    | 34.25   |
| PK   | 7.37812G  | 50.37          | 74.00          | -23.63      | 11.61       | 3        | Horizontal | 6           | 2.10       | -       | 38.76      | 36.14   | 10.05   | 34.58   |
| PK   | 12.30276G | 55.85          | 74.00          | -18.15      | 17.73       | 3        | Horizontal | 71          | 1.53       | -       | 38.12      | 38.79   | 13.19   | 34.25   |

802.11n HT20\_Nss1,(MCS0)\_1TX

2412MHz\_TX

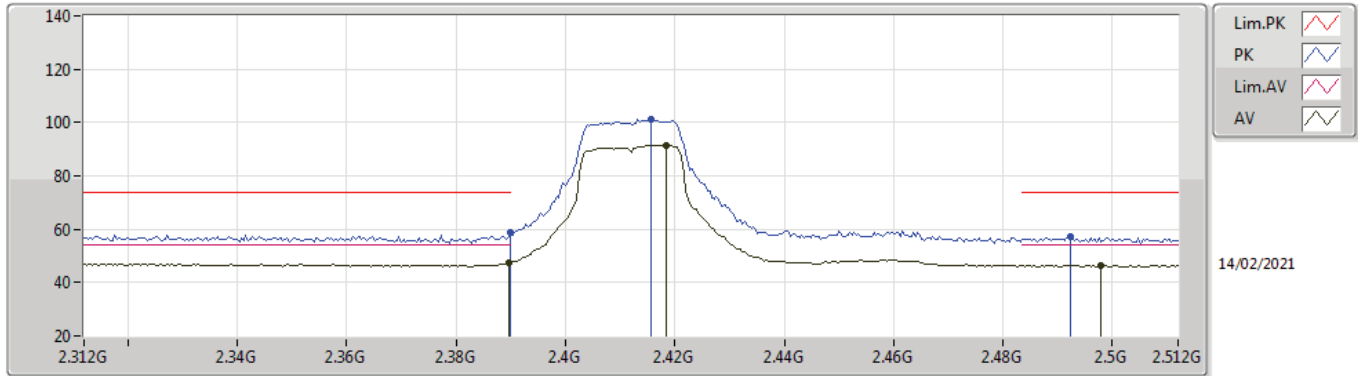


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.39G     | 53.11          | 54.00          | -0.89       | 33.57       | 3        | Vertical  | 146         | 2.95       | -       | 19.54      | 27.62   | 5.95    | -       |
| AV   | 2.4072G   | 100.98         | Inf            | -Inf        | 33.54       | 3        | Vertical  | 146         | 2.95       | -       | 67.44      | 27.57   | 5.97    | -       |
| AV   | 2.4916G   | 47.83          | 54.00          | -6.17       | 33.47       | 3        | Vertical  | 146         | 2.95       | -       | 14.36      | 27.40   | 6.07    | -       |
| PK   | 2.39G     | 63.85          | 74.00          | -10.15      | 33.57       | 3        | Vertical  | 146         | 2.95       | -       | 30.28      | 27.62   | 5.95    | -       |
| PK   | 2.416G    | 110.72         | Inf            | -Inf        | 33.52       | 3        | Vertical  | 146         | 2.95       | -       | 77.20      | 27.54   | 5.98    | -       |
| PK   | 2.4928G   | 58.34          | 74.00          | -15.66      | 33.47       | 3        | Vertical  | 146         | 2.95       | -       | 24.87      | 27.40   | 6.07    | -       |



802.11n HT20\_Nss1,(MCS0)\_1TX

2412MHz\_TX

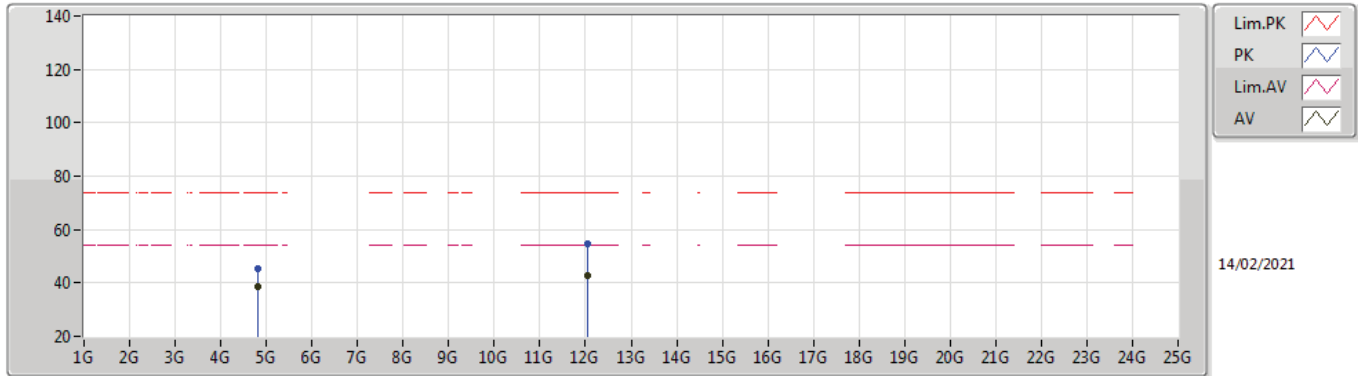


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.3896G   | 47.55          | 54.00          | -6.45       | 33.57       | 3        | Horizontal | 194         | 1.50       | -       | 13.98      | 27.62   | 5.95    | -       |
| AV   | 2.4184G   | 91.58          | Inf            | -Inf        | 33.51       | 3        | Horizontal | 194         | 1.50       | -       | 58.07      | 27.53   | 5.98    | -       |
| AV   | 2.498G    | 46.38          | 54.00          | -7.62       | 33.48       | 3        | Horizontal | 194         | 1.50       | -       | 12.90      | 27.40   | 6.08    | -       |
| PK   | 2.39G     | 58.63          | 74.00          | -15.37      | 33.57       | 3        | Horizontal | 194         | 1.50       | -       | 25.06      | 27.62   | 5.95    | -       |
| PK   | 2.4156G   | 101.03         | Inf            | -Inf        | 33.52       | 3        | Horizontal | 194         | 1.50       | -       | 67.51      | 27.54   | 5.98    | -       |
| PK   | 2.4924G   | 57.48          | 74.00          | -16.52      | 33.47       | 3        | Horizontal | 194         | 1.50       | -       | 24.01      | 27.40   | 6.07    | -       |



802.11n HT20\_Nss1,(MCS0)\_1TX

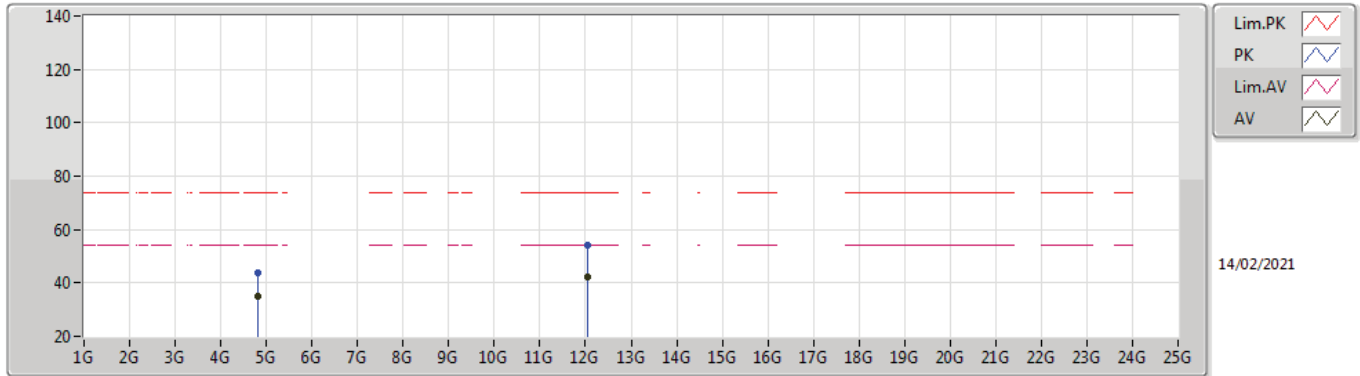
2412MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 4.82398G  | 38.82          | 54.00          | -15.18      | 4.99        | 3        | Vertical  | 228         | 2.36       | -       | 33.83      | 31.00   | 8.27    | 34.28   |
| AV   | 12.06024G | 42.76          | 54.00          | -11.24      | 17.66       | 3        | Vertical  | 95          | 1.41       | -       | 25.10      | 38.98   | 13.05   | 34.37   |
| PK   | 4.824G    | 45.29          | 74.00          | -28.71      | 4.99        | 3        | Vertical  | 228         | 2.36       | -       | 40.30      | 31.00   | 8.27    | 34.28   |
| PK   | 12.06082G | 54.77          | 74.00          | -19.23      | 17.66       | 3        | Vertical  | 95          | 1.41       | -       | 37.11      | 38.98   | 13.05   | 34.37   |

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

### 2412MHz\_TX

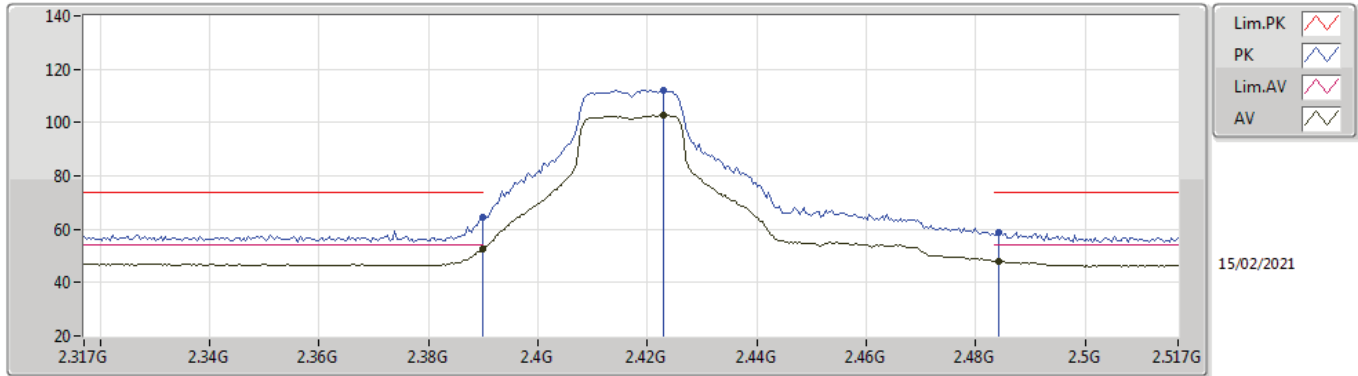


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 4.82404G  | 34.92          | 54.00          | -19.08      | 4.99        | 3        | Horizontal | 165         | 2.71       | -       | 29.93      | 31.00   | 8.27    | 34.28   |
| AV   | 12.05919G | 42.23          | 54.00          | -11.77      | 17.66       | 3        | Horizontal | 114         | 1.56       | -       | 24.57      | 38.98   | 13.05   | 34.37   |
| PK   | 4.82369G  | 44.02          | 74.00          | -29.98      | 4.98        | 3        | Horizontal | 165         | 2.71       | -       | 39.04      | 30.99   | 8.27    | 34.28   |
| PK   | 12.05826G | 54.20          | 74.00          | -19.80      | 17.65       | 3        | Horizontal | 114         | 1.56       | -       | 36.55      | 38.97   | 13.05   | 34.37   |



802.11n HT20\_Nss1,(MCS0)\_1TX

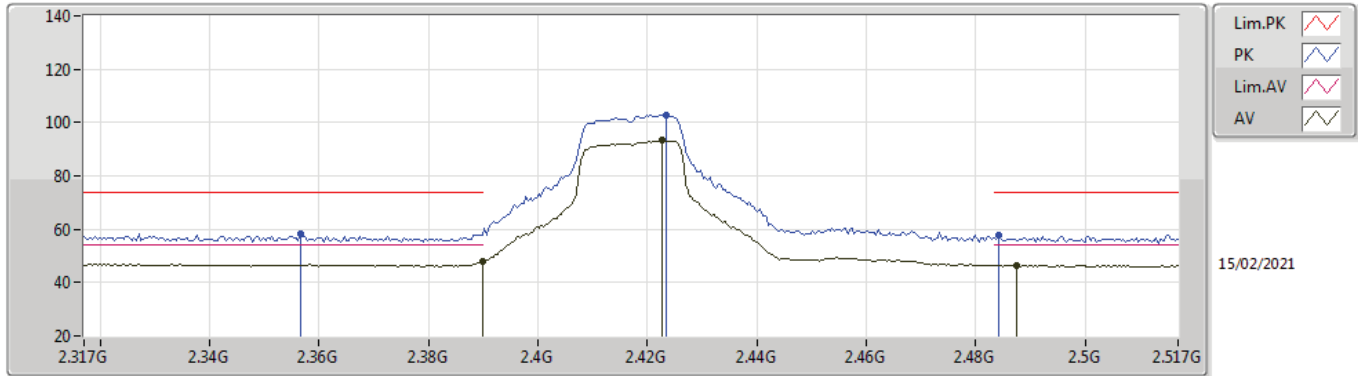
2417MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.3898G   | 52.40          | 54.00          | -1.60       | 33.57       | 3        | Vertical  | 48          | 2.65       | -       | 18.83      | 27.62   | 5.95    | -       |
| AV   | 2.423G    | 102.86         | Inf            | -Inf        | 33.50       | 3        | Vertical  | 48          | 2.65       | -       | 69.36      | 27.51   | 5.99    | -       |
| AV   | 2.4842G   | 48.14          | 54.00          | -5.86       | 33.46       | 3        | Vertical  | 48          | 2.65       | -       | 14.68      | 27.40   | 6.06    | -       |
| PK   | 2.3898G   | 64.68          | 74.00          | -9.32       | 33.57       | 3        | Vertical  | 48          | 2.65       | -       | 31.11      | 27.62   | 5.95    | -       |
| PK   | 2.423G    | 112.19         | Inf            | -Inf        | 33.50       | 3        | Vertical  | 48          | 2.65       | -       | 78.69      | 27.51   | 5.99    | -       |
| PK   | 2.4842G   | 58.85          | 74.00          | -15.15      | 33.46       | 3        | Vertical  | 48          | 2.65       | -       | 25.39      | 27.40   | 6.06    | -       |

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

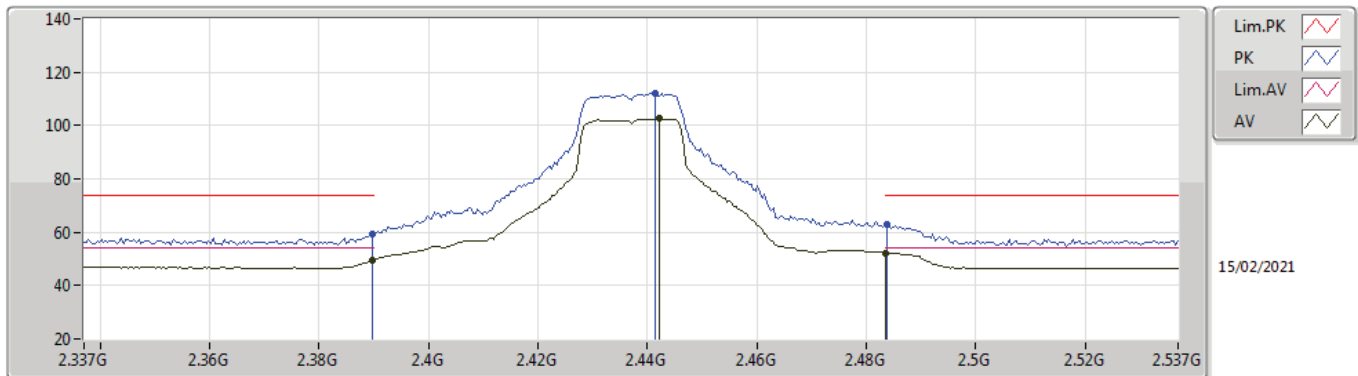
### 2417MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.3898G   | 47.83          | 54.00          | -6.17       | 33.57       | 3        | Horizontal | 69          | 1.28       | -       | 14.26      | 27.62   | 5.95    | -       |
| AV   | 2.4226G   | 93.33          | Inf            | -Inf        | 33.50       | 3        | Horizontal | 69          | 1.28       | -       | 59.83      | 27.51   | 5.99    | -       |
| AV   | 2.4874G   | 46.59          | 54.00          | -7.41       | 33.46       | 3        | Horizontal | 69          | 1.28       | -       | 13.13      | 27.40   | 6.06    | -       |
| PK   | 2.3566G   | 58.25          | 74.00          | -15.75      | 33.62       | 3        | Horizontal | 69          | 1.28       | -       | 24.63      | 27.69   | 5.93    | -       |
| PK   | 2.4234G   | 102.80         | Inf            | -Inf        | 33.50       | 3        | Horizontal | 69          | 1.28       | -       | 69.30      | 27.51   | 5.99    | -       |
| PK   | 2.4842G   | 57.64          | 74.00          | -16.36      | 33.46       | 3        | Horizontal | 69          | 1.28       | -       | 24.18      | 27.40   | 6.06    | -       |

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

### 2437MHz\_TX



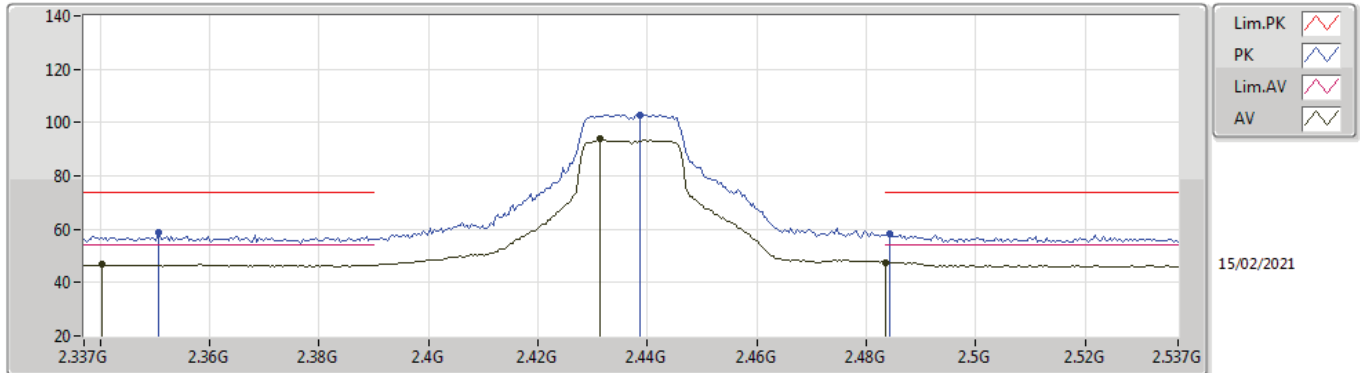
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.3898G   | 49.38          | 54.00          | -4.62       | 33.57       | 3        | Vertical  | 52          | 2.88       | -       | 15.81      | 27.62   | 5.95    | -       |
| AV   | 2.4422G   | 102.62         | Inf            | -Inf        | 33.44       | 3        | Vertical  | 52          | 2.88       | -       | 69.18      | 27.43   | 6.01    | -       |
| AV   | 2.4835G   | 52.22          | 54.00          | -1.78       | 33.46       | 3        | Vertical  | 52          | 2.88       | -       | 18.76      | 27.40   | 6.06    | -       |
| PK   | 2.3898G   | 59.39          | 74.00          | -14.61      | 33.57       | 3        | Vertical  | 52          | 2.88       | -       | 25.82      | 27.62   | 5.95    | -       |
| PK   | 2.4414G   | 112.03         | Inf            | -Inf        | 33.44       | 3        | Vertical  | 52          | 2.88       | -       | 78.59      | 27.43   | 6.01    | -       |
| PK   | 2.4838G   | 63.00          | 74.00          | -11.00      | 33.46       | 3        | Vertical  | 52          | 2.88       | -       | 29.54      | 27.40   | 6.06    | -       |





802.11n HT20\_Nss1,(MCS0)\_1TX

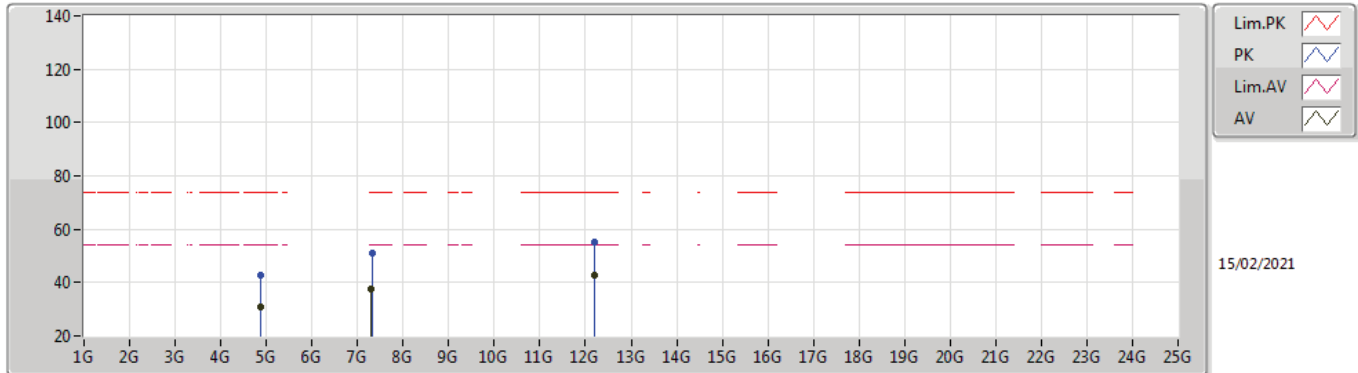
2437MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.3402G   | 46.76          | 54.00          | -7.24       | 33.66       | 3        | Horizontal | 70          | 2.88       | -       | 13.10      | 27.74   | 5.92    | -       |
| AV   | 2.4314G   | 93.74          | Inf            | -Inf        | 33.47       | 3        | Horizontal | 70          | 2.88       | -       | 60.27      | 27.47   | 6.00    | -       |
| AV   | 2.4835G   | 47.49          | 54.00          | -6.51       | 33.46       | 3        | Horizontal | 70          | 2.88       | -       | 14.03      | 27.40   | 6.06    | -       |
| PK   | 2.3506G   | 58.92          | 74.00          | -15.08      | 33.62       | 3        | Horizontal | 70          | 2.88       | -       | 25.30      | 27.70   | 5.92    | -       |
| PK   | 2.4386G   | 102.92         | Inf            | -Inf        | 33.46       | 3        | Horizontal | 70          | 2.88       | -       | 69.46      | 27.45   | 6.01    | -       |
| PK   | 2.4842G   | 58.02          | 74.00          | -15.98      | 33.46       | 3        | Horizontal | 70          | 2.88       | -       | 24.56      | 27.40   | 6.06    | -       |

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

### 2437MHz\_TX

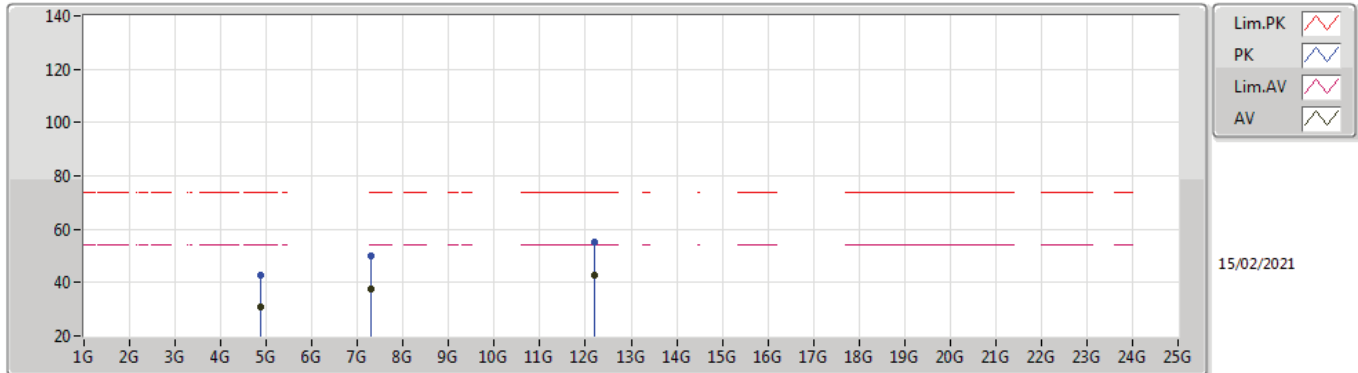


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 4.87499G  | 31.00          | 54.00          | -23.00      | 5.09        | 3        | Vertical  | 75          | 1.97       | -       | 25.91      | 31.05   | 8.30    | 34.26   |
| AV   | 7.30906G  | 37.47          | 54.00          | -16.53      | 11.82       | 3        | Vertical  | 357         | 1.82       | -       | 25.65      | 36.36   | 10.03   | 34.57   |
| AV   | 12.18327G | 42.93          | 54.00          | -11.07      | 17.83       | 3        | Vertical  | 157         | 1.09       | -       | 25.10      | 39.02   | 13.12   | 34.31   |
| PK   | 4.87348G  | 43.00          | 74.00          | -31.00      | 5.09        | 3        | Vertical  | 75          | 1.97       | -       | 37.91      | 31.05   | 8.30    | 34.26   |
| PK   | 7.31025G  | 50.86          | 74.00          | -23.14      | 11.82       | 3        | Vertical  | 357         | 1.82       | -       | 39.04      | 36.36   | 10.03   | 34.57   |
| PK   | 12.18512G | 55.36          | 74.00          | -18.64      | 17.82       | 3        | Vertical  | 157         | 1.09       | -       | 37.54      | 39.01   | 13.12   | 34.31   |



802.11n HT20\_Nss1,(MCS0)\_1TX

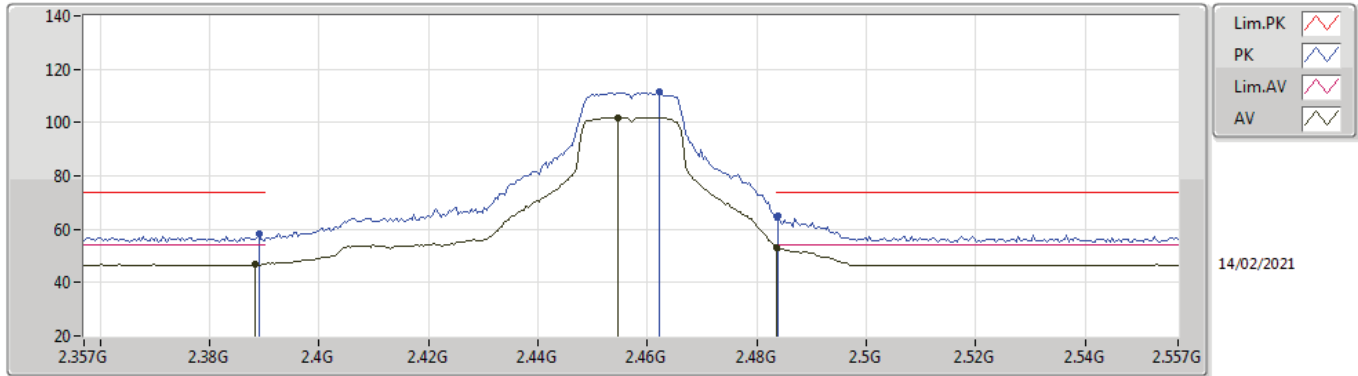
2437MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 4.87492G  | 30.66          | 54.00          | -23.34      | 5.09        | 3        | Horizontal | 224         | 2.46       | -       | 25.57      | 31.05   | 8.30    | 34.26   |
| AV   | 7.30973G  | 37.50          | 54.00          | -16.50      | 11.82       | 3        | Horizontal | 1           | 2.10       | -       | 25.68      | 36.36   | 10.03   | 34.57   |
| AV   | 12.18448G | 42.76          | 54.00          | -11.24      | 17.83       | 3        | Horizontal | 190         | 1.52       | -       | 24.93      | 39.02   | 13.12   | 34.31   |
| PK   | 4.87315G  | 42.85          | 74.00          | -31.15      | 5.09        | 3        | Horizontal | 224         | 2.46       | -       | 37.76      | 31.05   | 8.30    | 34.26   |
| PK   | 7.30854G  | 49.90          | 74.00          | -24.10      | 11.83       | 3        | Horizontal | 1           | 2.10       | -       | 38.07      | 36.37   | 10.03   | 34.57   |
| PK   | 12.18601G | 55.13          | 74.00          | -18.87      | 17.82       | 3        | Horizontal | 190         | 1.52       | -       | 37.31      | 39.01   | 13.12   | 34.31   |

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

### 2457MHz\_TX

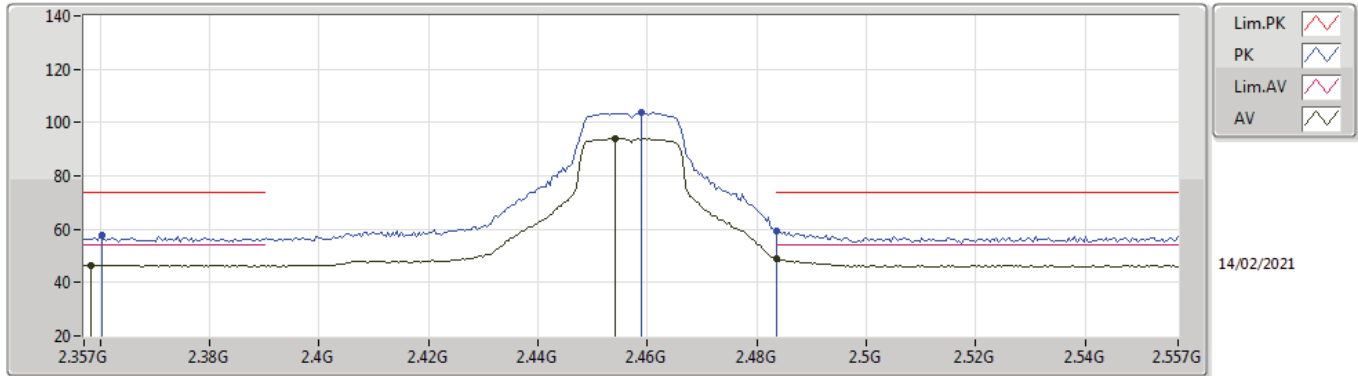


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.3882G   | 46.74          | 54.00          | -7.26       | 33.57       | 3        | Vertical  | 327         | 2.59       | -       | 13.17      | 27.62   | 5.95    | -       |
| AV   | 2.4546G   | 101.88         | Inf            | -Inf        | 33.43       | 3        | Vertical  | 327         | 2.59       | -       | 68.45      | 27.40   | 6.03    | -       |
| AV   | 2.4835G   | 52.98          | 54.00          | -1.02       | 33.46       | 3        | Vertical  | 327         | 2.59       | -       | 19.52      | 27.40   | 6.06    | -       |
| PK   | 2.389G    | 58.03          | 74.00          | -15.97      | 33.57       | 3        | Vertical  | 327         | 2.59       | -       | 24.46      | 27.62   | 5.95    | -       |
| PK   | 2.4622G   | 111.50         | Inf            | -Inf        | 33.43       | 3        | Vertical  | 327         | 2.59       | -       | 78.07      | 27.40   | 6.03    | -       |
| PK   | 2.4838G   | 64.87          | 74.00          | -9.13       | 33.46       | 3        | Vertical  | 327         | 2.59       | -       | 31.41      | 27.40   | 6.06    | -       |



802.11n HT20\_Nss1,(MCS0)\_1TX

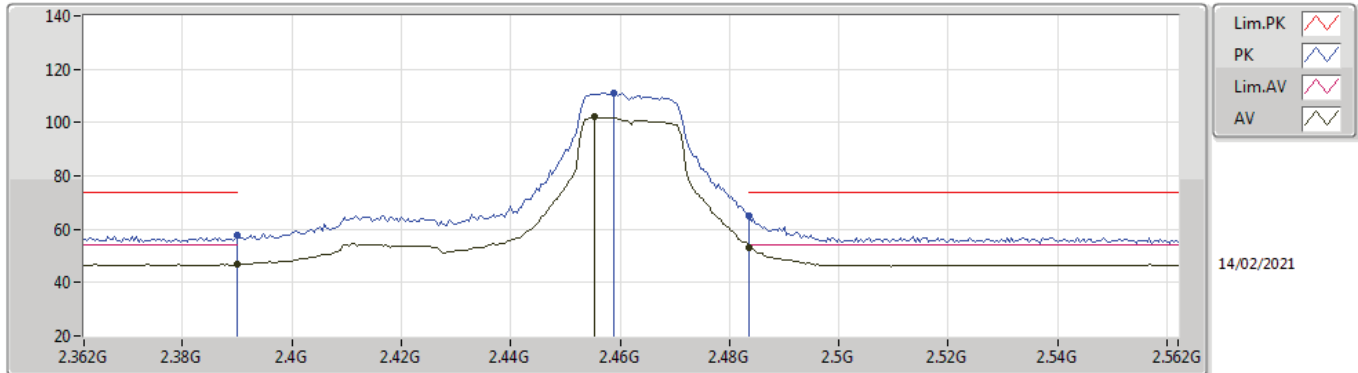
2457MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.3582G   | 46.58          | 54.00          | -7.42       | 33.61       | 3        | Horizontal | 69          | 2.85       | -       | 12.97      | 27.68   | 5.93    | -       |
| AV   | 2.4542G   | 94.18          | Inf            | -Inf        | 33.43       | 3        | Horizontal | 69          | 2.85       | -       | 60.75      | 27.40   | 6.03    | -       |
| AV   | 2.4835G   | 48.86          | 54.00          | -5.14       | 33.46       | 3        | Horizontal | 69          | 2.85       | -       | 15.40      | 27.40   | 6.06    | -       |
| PK   | 2.3602G   | 57.63          | 74.00          | -16.37      | 33.61       | 3        | Horizontal | 69          | 2.85       | -       | 24.02      | 27.68   | 5.93    | -       |
| PK   | 2.459G    | 103.57         | Inf            | -Inf        | 33.43       | 3        | Horizontal | 69          | 2.85       | -       | 70.14      | 27.40   | 6.03    | -       |
| PK   | 2.4835G   | 59.37          | 74.00          | -14.63      | 33.46       | 3        | Horizontal | 69          | 2.85       | -       | 25.91      | 27.40   | 6.06    | -       |

802.11n HT20\_Nss1,(MCS0)\_1TX

2462MHz\_TX

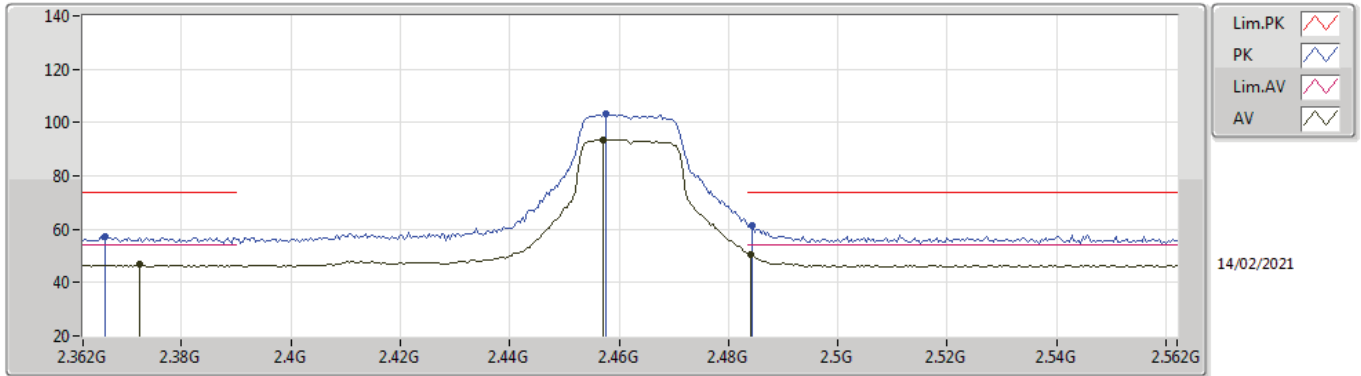


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.39G     | 46.84          | 54.00          | -7.16       | 33.57       | 3        | Vertical  | 54          | 2.95       | -       | 13.27      | 27.62   | 5.95    | -       |
| AV   | 2.4552G   | 102.06         | Inf            | -Inf        | 33.43       | 3        | Vertical  | 54          | 2.95       | -       | 68.63      | 27.40   | 6.03    | -       |
| AV   | 2.4835G   | 53.05          | 54.00          | -0.95       | 33.46       | 3        | Vertical  | 54          | 2.95       | -       | 19.59      | 27.40   | 6.06    | -       |
| PK   | 2.39G     | 57.88          | 74.00          | -16.12      | 33.57       | 3        | Vertical  | 54          | 2.95       | -       | 24.31      | 27.62   | 5.95    | -       |
| PK   | 2.4588G   | 111.07         | Inf            | -Inf        | 33.43       | 3        | Vertical  | 54          | 2.95       | -       | 77.64      | 27.40   | 6.03    | -       |
| PK   | 2.4835G   | 65.07          | 74.00          | -8.93       | 33.46       | 3        | Vertical  | 54          | 2.95       | -       | 31.61      | 27.40   | 6.06    | -       |



802.11n HT20\_Nss1,(MCS0)\_1TX

2462MHz\_TX

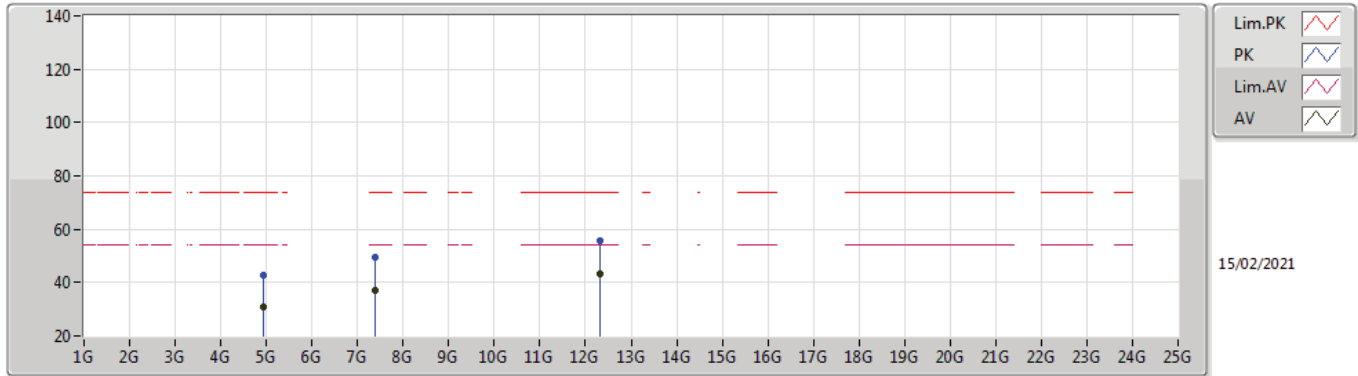


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.3724G   | 46.64          | 54.00          | -7.36       | 33.60       | 3        | Horizontal | 73          | 2.84       | -       | 13.04      | 27.66   | 5.94    | -       |
| AV   | 2.4572G   | 93.65          | Inf            | -Inf        | 33.43       | 3        | Horizontal | 73          | 2.84       | -       | 60.22      | 27.40   | 6.03    | -       |
| AV   | 2.484G    | 50.32          | 54.00          | -3.68       | 33.46       | 3        | Horizontal | 73          | 2.84       | -       | 16.86      | 27.40   | 6.06    | -       |
| PK   | 2.366G    | 57.21          | 74.00          | -16.79      | 33.60       | 3        | Horizontal | 73          | 2.84       | -       | 23.61      | 27.67   | 5.93    | -       |
| PK   | 2.4576G   | 103.08         | Inf            | -Inf        | 33.43       | 3        | Horizontal | 73          | 2.84       | -       | 69.65      | 27.40   | 6.03    | -       |
| PK   | 2.4844G   | 61.32          | 74.00          | -12.68      | 33.46       | 3        | Horizontal | 73          | 2.84       | -       | 27.86      | 27.40   | 6.06    | -       |



802.11n HT20\_Nss1,(MCS0)\_1TX

2462MHz\_TX

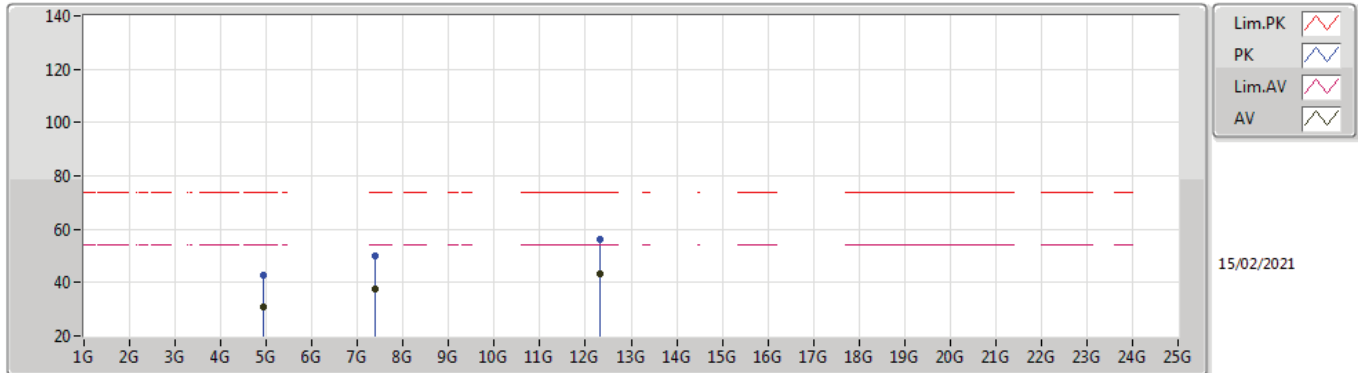


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 4.92545G  | 30.86          | 54.00          | -23.14      | 5.18        | 3        | Vertical  | 154         | 1.15       | -       | 25.68      | 31.10   | 8.33    | 34.25   |
| AV   | 7.3869G   | 37.17          | 54.00          | -16.83      | 11.60       | 3        | Vertical  | 184         | 1.72       | -       | 25.57      | 36.13   | 10.05   | 34.58   |
| AV   | 12.31048G | 43.07          | 54.00          | -10.93      | 17.73       | 3        | Vertical  | 326         | 1.76       | -       | 25.34      | 38.77   | 13.20   | 34.24   |
| PK   | 4.92182G  | 42.97          | 74.00          | -31.03      | 5.17        | 3        | Vertical  | 154         | 1.15       | -       | 37.80      | 31.09   | 8.33    | 34.25   |
| PK   | 7.38826G  | 49.54          | 74.00          | -24.46      | 11.59       | 3        | Vertical  | 184         | 1.72       | -       | 37.95      | 36.12   | 10.05   | 34.58   |
| PK   | 12.30842G | 55.78          | 74.00          | -18.22      | 17.72       | 3        | Vertical  | 326         | 1.76       | -       | 38.06      | 38.77   | 13.20   | 34.25   |



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

### 2462MHz\_TX

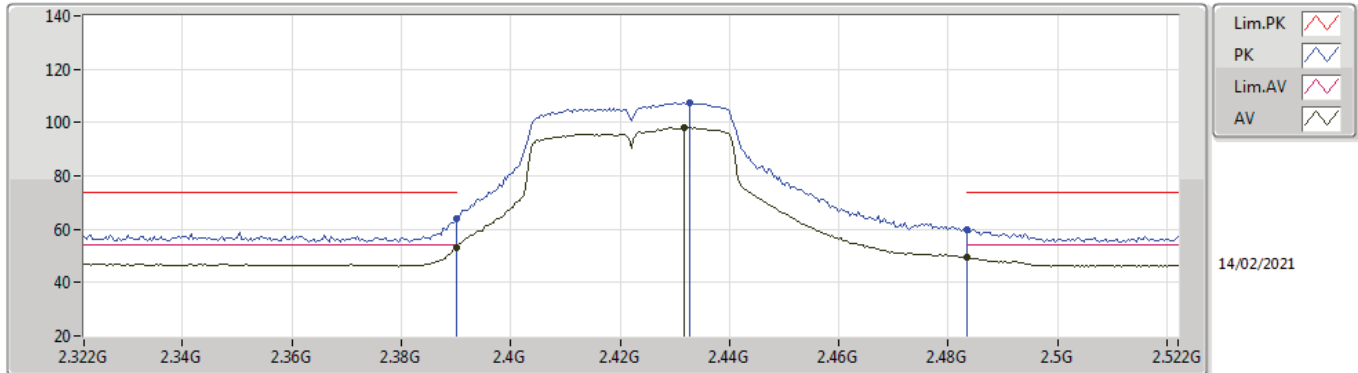


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 4.92419G  | 30.93          | 54.00          | -23.07      | 5.18        | 3        | Horizontal | 117         | 1.88       | -       | 25.75      | 31.10   | 8.33    | 34.25   |
| AV   | 7.3869G   | 37.35          | 54.00          | -16.65      | 11.60       | 3        | Horizontal | 360         | 1.41       | -       | 25.75      | 36.13   | 10.05   | 34.58   |
| AV   | 12.31005G | 43.45          | 54.00          | -10.55      | 17.73       | 3        | Horizontal | 34          | 1.31       | -       | 25.72      | 38.77   | 13.20   | 34.24   |
| PK   | 4.92608G  | 43.00          | 74.00          | -31.00      | 5.18        | 3        | Horizontal | 117         | 1.88       | -       | 37.82      | 31.10   | 8.33    | 34.25   |
| PK   | 7.38568G  | 49.95          | 74.00          | -24.05      | 11.60       | 3        | Horizontal | 360         | 1.41       | -       | 38.35      | 36.13   | 10.05   | 34.58   |
| PK   | 12.31203G | 56.25          | 74.00          | -17.75      | 17.72       | 3        | Horizontal | 34          | 1.31       | -       | 38.53      | 38.76   | 13.20   | 34.24   |



802.11n HT40\_Nss1,(MCS0)\_1TX

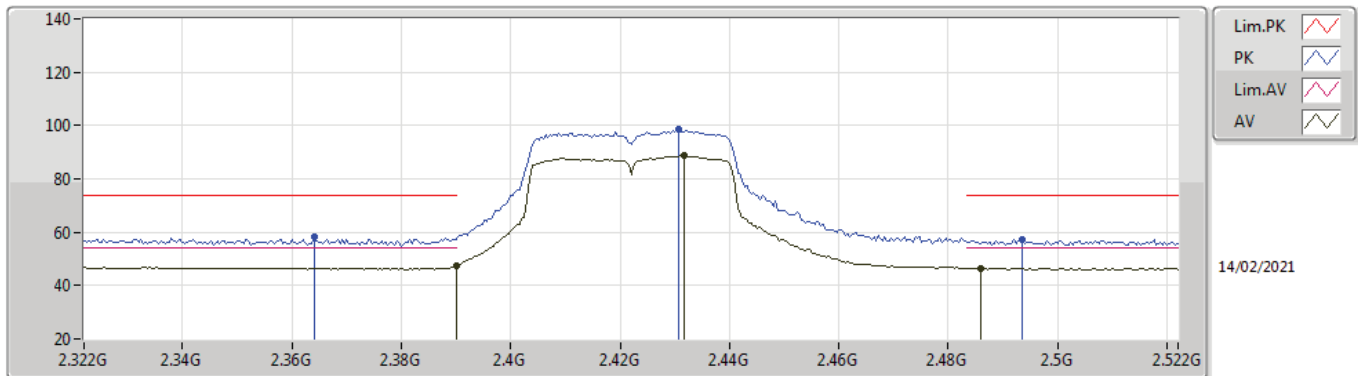
2422MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.39G     | 53.17          | 54.00          | -0.83       | 33.57       | 3        | Vertical  | 52          | 2.87       | -       | 19.60      | 27.62   | 5.95    | -       |
| AV   | 2.4316G   | 98.06          | Inf            | -Inf        | 33.47       | 3        | Vertical  | 52          | 2.87       | -       | 64.59      | 27.47   | 6.00    | -       |
| AV   | 2.4835G   | 49.62          | 54.00          | -4.38       | 33.46       | 3        | Vertical  | 52          | 2.87       | -       | 16.16      | 27.40   | 6.06    | -       |
| PK   | 2.39G     | 64.05          | 74.00          | -9.95       | 33.57       | 3        | Vertical  | 52          | 2.87       | -       | 30.48      | 27.62   | 5.95    | -       |
| PK   | 2.4328G   | 107.49         | Inf            | -Inf        | 33.47       | 3        | Vertical  | 52          | 2.87       | -       | 74.02      | 27.47   | 6.00    | -       |
| PK   | 2.4835G   | 60.08          | 74.00          | -13.92      | 33.46       | 3        | Vertical  | 52          | 2.87       | -       | 26.62      | 27.40   | 6.06    | -       |

### 802.11n HT40\_Nss1,(MCS0)\_1TX

### 2422MHz\_TX

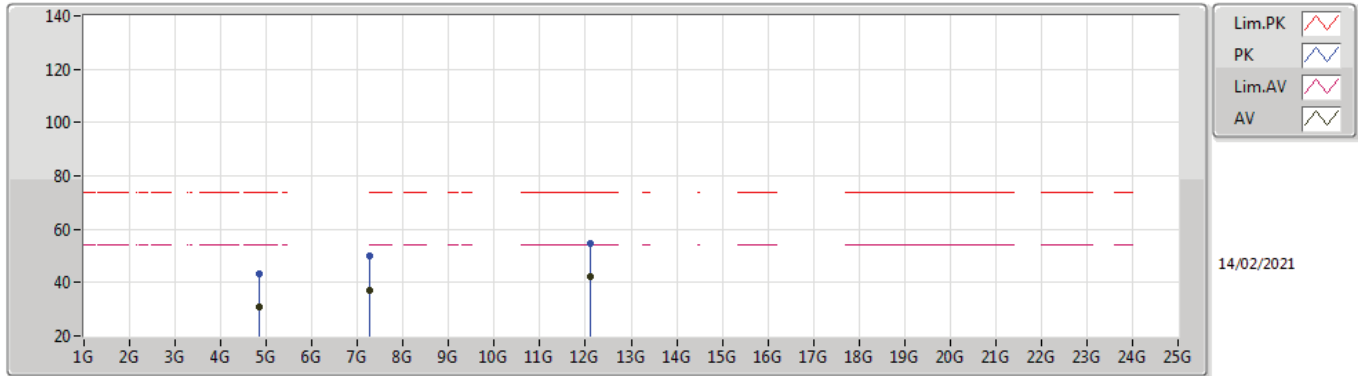


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.39G     | 47.58          | 54.00          | -6.42       | 33.57       | 3        | Horizontal | 69          | 2.91       | -       | 14.01      | 27.62   | 5.95    | -       |
| AV   | 2.4316G   | 88.85          | Inf            | -Inf        | 33.47       | 3        | Horizontal | 69          | 2.91       | -       | 55.38      | 27.47   | 6.00    | -       |
| AV   | 2.486G    | 46.59          | 54.00          | -7.41       | 33.46       | 3        | Horizontal | 69          | 2.91       | -       | 13.13      | 27.40   | 6.06    | -       |
| PK   | 2.364G    | 58.36          | 74.00          | -15.64      | 33.60       | 3        | Horizontal | 69          | 2.91       | -       | 24.76      | 27.67   | 5.93    | -       |
| PK   | 2.4308G   | 98.43          | Inf            | -Inf        | 33.48       | 3        | Horizontal | 69          | 2.91       | -       | 64.95      | 27.48   | 6.00    | -       |
| PK   | 2.4936G   | 57.23          | 74.00          | -16.77      | 33.47       | 3        | Horizontal | 69          | 2.91       | -       | 23.76      | 27.40   | 6.07    | -       |



802.11n HT40\_Nss1,(MCS0)\_1TX

2422MHz\_TX

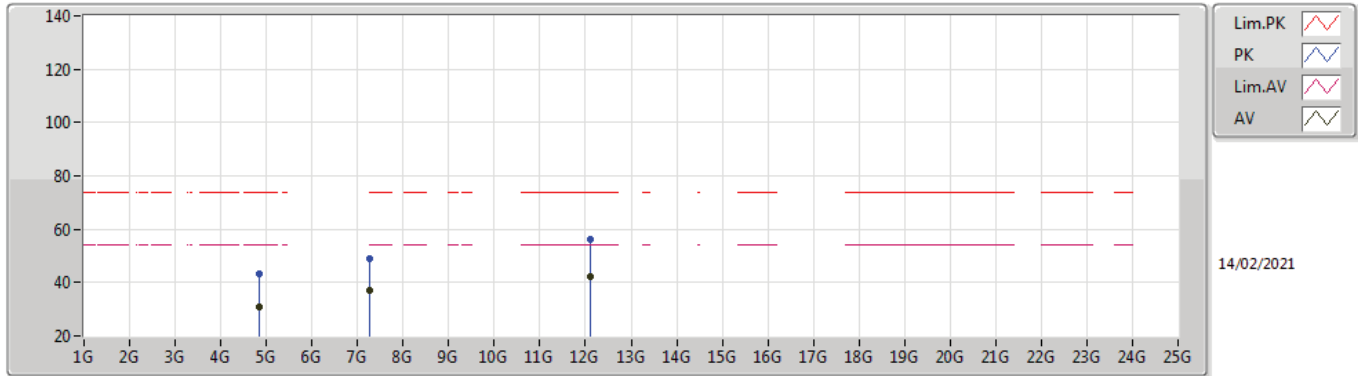


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 4.84331G  | 30.72          | 54.00          | -23.28      | 5.08        | 3        | Vertical  | 140         | 3.00       | -       | 25.64      | 31.07   | 8.28    | 34.27   |
| AV   | 7.26798G  | 36.88          | 54.00          | -17.12      | 11.72       | 3        | Vertical  | 133         | 1.31       | -       | 25.16      | 36.27   | 10.02   | 34.57   |
| AV   | 12.10782G | 42.44          | 54.00          | -11.56      | 17.82       | 3        | Vertical  | 18          | 1.45       | -       | 24.62      | 39.09   | 13.08   | 34.35   |
| PK   | 4.84608G  | 43.04          | 74.00          | -30.96      | 5.09        | 3        | Vertical  | 140         | 3.00       | -       | 37.95      | 31.08   | 8.28    | 34.27   |
| PK   | 7.26376G  | 50.02          | 74.00          | -23.98      | 11.71       | 3        | Vertical  | 133         | 1.31       | -       | 38.31      | 36.26   | 10.02   | 34.57   |
| PK   | 12.11004G | 54.71          | 74.00          | -19.29      | 17.83       | 3        | Vertical  | 18          | 1.45       | -       | 36.88      | 39.09   | 13.08   | 34.34   |



802.11n HT40\_Nss1,(MCS0)\_1TX

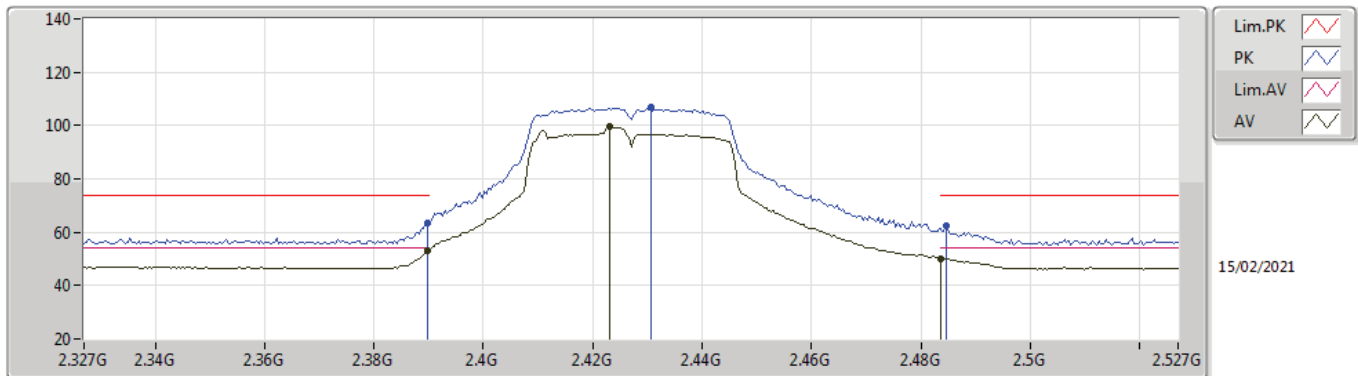
2422MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 4.8453G   | 30.67          | 54.00          | -23.33      | 5.09        | 3        | Horizontal | 87          | 2.12       | -       | 25.58      | 31.08   | 8.28    | 34.27   |
| AV   | 7.26723G  | 36.97          | 54.00          | -17.03      | 11.72       | 3        | Horizontal | 360         | 1.48       | -       | 25.25      | 36.27   | 10.02   | 34.57   |
| AV   | 12.10966G | 42.38          | 54.00          | -11.62      | 17.82       | 3        | Horizontal | 298         | 2.39       | -       | 24.56      | 39.09   | 13.08   | 34.35   |
| PK   | 4.84393G  | 43.34          | 74.00          | -30.66      | 5.09        | 3        | Horizontal | 87          | 2.12       | -       | 38.25      | 31.08   | 8.28    | 34.27   |
| PK   | 7.26646G  | 49.19          | 74.00          | -24.81      | 11.72       | 3        | Horizontal | 360         | 1.48       | -       | 37.47      | 36.27   | 10.02   | 34.57   |
| PK   | 12.11162G | 56.08          | 74.00          | -17.92      | 17.83       | 3        | Horizontal | 298         | 2.39       | -       | 38.25      | 39.09   | 13.08   | 34.34   |

### 802.11n HT40\_Nss1,(MCS0)\_1TX

### 2427MHz\_TX

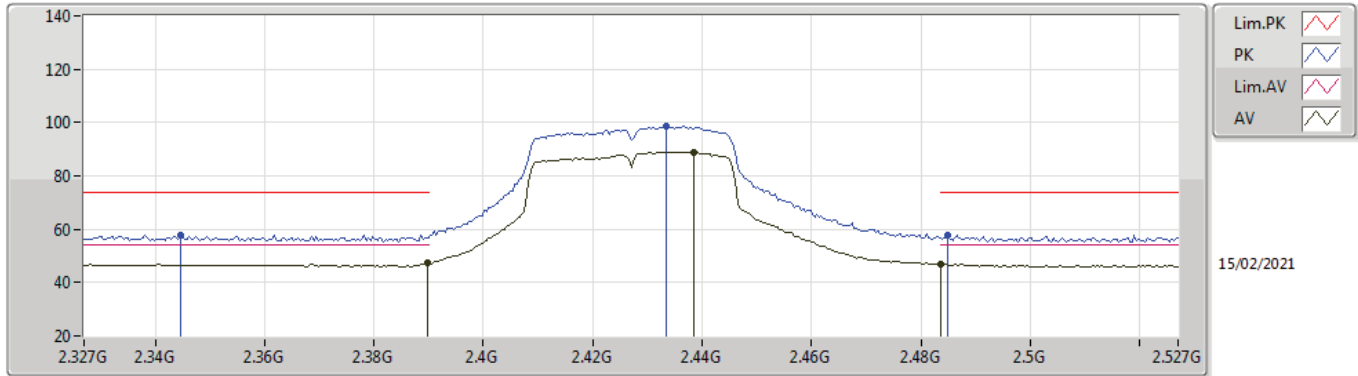


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.3898G   | 53.16          | 54.00          | -0.84       | 33.57       | 3        | Vertical  | 48          | 2.71       | -       | 19.59      | 27.62   | 5.95    | -       |
| AV   | 2.423G    | 99.63          | Inf            | -Inf        | 33.50       | 3        | Vertical  | 48          | 2.71       | -       | 66.13      | 27.51   | 5.99    | -       |
| AV   | 2.4835G   | 50.25          | 54.00          | -3.75       | 33.46       | 3        | Vertical  | 48          | 2.71       | -       | 16.79      | 27.40   | 6.06    | -       |
| PK   | 2.3898G   | 63.34          | 74.00          | -10.66      | 33.57       | 3        | Vertical  | 48          | 2.71       | -       | 29.77      | 27.62   | 5.95    | -       |
| PK   | 2.4306G   | 106.78         | Inf            | -Inf        | 33.48       | 3        | Vertical  | 48          | 2.71       | -       | 73.30      | 27.48   | 6.00    | -       |
| PK   | 2.4846G   | 62.33          | 74.00          | -11.67      | 33.46       | 3        | Vertical  | 48          | 2.71       | -       | 28.87      | 27.40   | 6.06    | -       |



802.11n HT40\_Nss1,(MCS0)\_1TX

2427MHz\_TX

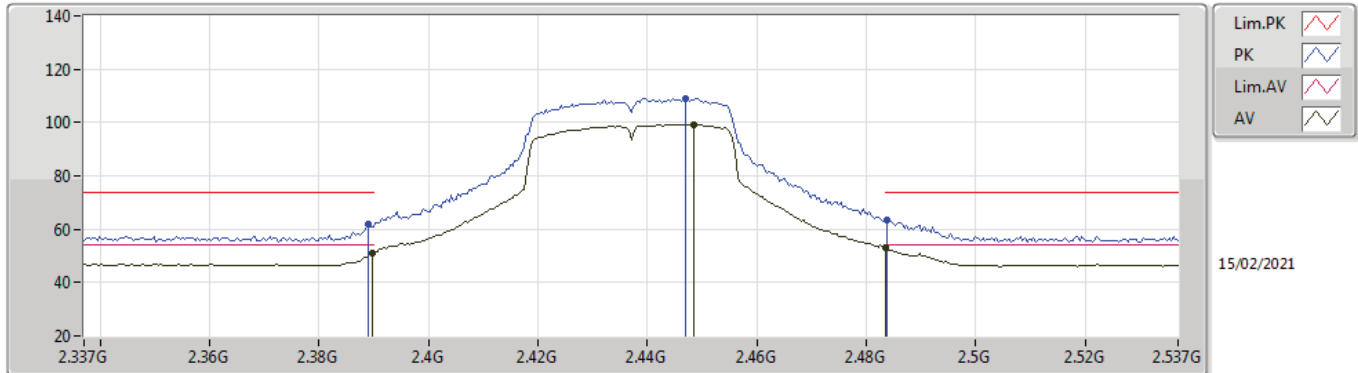


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.3898G   | 47.35          | 54.00          | -6.65       | 33.57       | 3        | Horizontal | 70          | 2.88       | -       | 13.78      | 27.62   | 5.95    | -       |
| AV   | 2.4386G   | 88.97          | Inf            | -Inf        | 33.46       | 3        | Horizontal | 70          | 2.88       | -       | 55.51      | 27.45   | 6.01    | -       |
| AV   | 2.4835G   | 46.91          | 54.00          | -7.09       | 33.46       | 3        | Horizontal | 70          | 2.88       | -       | 13.45      | 27.40   | 6.06    | -       |
| PK   | 2.3446G   | 57.85          | 74.00          | -16.15      | 33.64       | 3        | Horizontal | 70          | 2.88       | -       | 24.21      | 27.72   | 5.92    | -       |
| PK   | 2.4334G   | 98.63          | Inf            | -Inf        | 33.47       | 3        | Horizontal | 70          | 2.88       | -       | 65.16      | 27.47   | 6.00    | -       |
| PK   | 2.485G    | 57.52          | 74.00          | -16.48      | 33.46       | 3        | Horizontal | 70          | 2.88       | -       | 24.06      | 27.40   | 6.06    | -       |



802.11n HT40\_Nss1,(MCS0)\_1TX

2437MHz\_TX



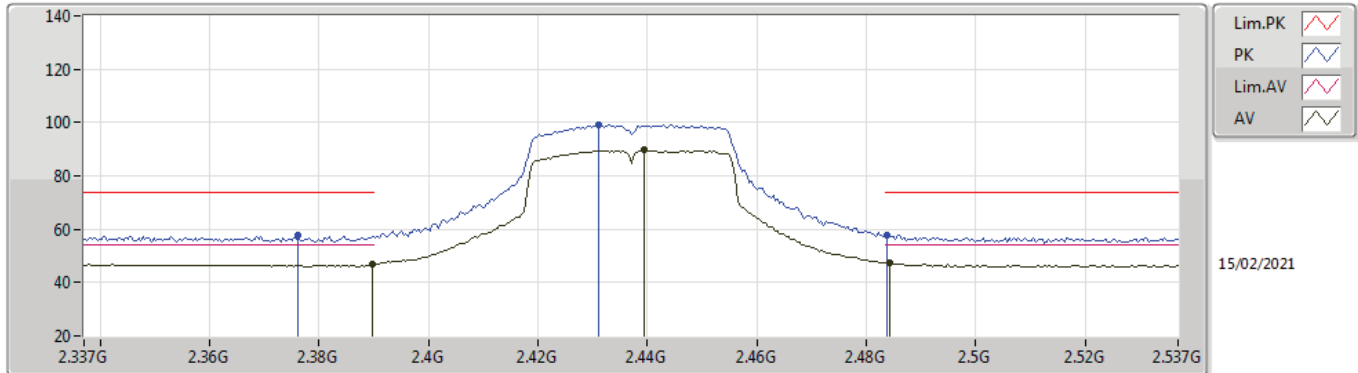
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.3898G   | 50.90          | 54.00          | -3.10       | 33.57       | 3        | Vertical  | 52          | 2.89       | -       | 17.33      | 27.62   | 5.95    | -       |
| AV   | 2.4486G   | 99.22          | Inf            | -Inf        | 33.43       | 3        | Vertical  | 52          | 2.89       | -       | 65.79      | 27.41   | 6.02    | -       |
| AV   | 2.4835G   | 52.85          | 54.00          | -1.15       | 33.46       | 3        | Vertical  | 52          | 2.89       | -       | 19.39      | 27.40   | 6.06    | -       |
| PK   | 2.389G    | 61.92          | 74.00          | -12.08      | 33.57       | 3        | Vertical  | 52          | 2.89       | -       | 28.35      | 27.62   | 5.95    | -       |
| PK   | 2.447G    | 108.91         | Inf            | -Inf        | 33.43       | 3        | Vertical  | 52          | 2.89       | -       | 75.48      | 27.41   | 6.02    | -       |
| PK   | 2.4838G   | 63.24          | 74.00          | -10.76      | 33.46       | 3        | Vertical  | 52          | 2.89       | -       | 29.78      | 27.40   | 6.06    | -       |





802.11n HT40\_Nss1,(MCS0)\_1TX

2437MHz\_TX

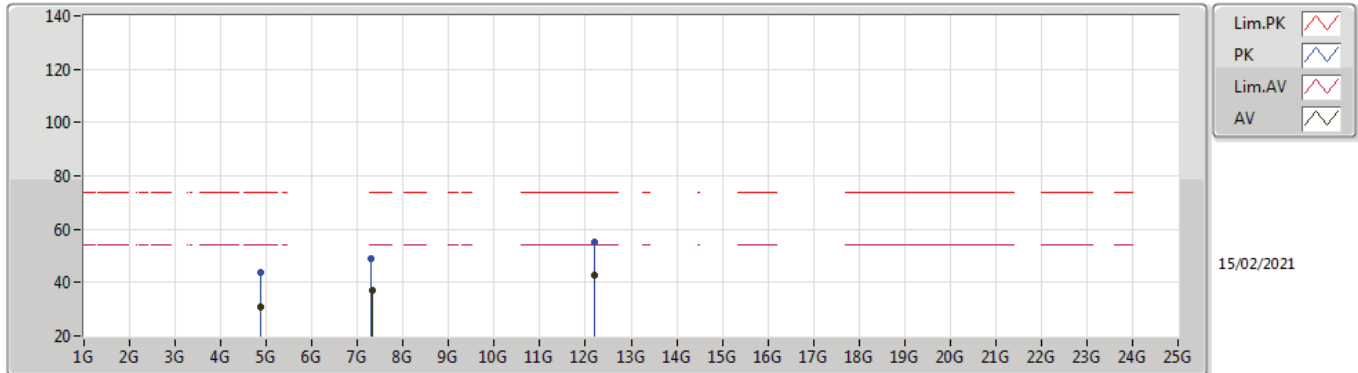


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.3898G   | 46.77          | 54.00          | -7.23       | 33.57       | 3        | Horizontal | 69          | 2.90       | -       | 13.20      | 27.62   | 5.95    | -       |
| AV   | 2.4394G   | 89.59          | Inf            | -Inf        | 33.45       | 3        | Horizontal | 69          | 2.90       | -       | 56.14      | 27.44   | 6.01    | -       |
| AV   | 2.4842G   | 47.61          | 54.00          | -6.39       | 33.46       | 3        | Horizontal | 69          | 2.90       | -       | 14.15      | 27.40   | 6.06    | -       |
| PK   | 2.3762G   | 57.69          | 74.00          | -16.31      | 33.59       | 3        | Horizontal | 69          | 2.90       | -       | 24.10      | 27.65   | 5.94    | -       |
| PK   | 2.431G    | 99.36          | Inf            | -Inf        | 33.48       | 3        | Horizontal | 69          | 2.90       | -       | 65.88      | 27.48   | 6.00    | -       |
| PK   | 2.4838G   | 57.95          | 74.00          | -16.05      | 33.46       | 3        | Horizontal | 69          | 2.90       | -       | 24.49      | 27.40   | 6.06    | -       |



802.11n HT40\_Nss1,(MCS0)\_1TX

2437MHz\_TX

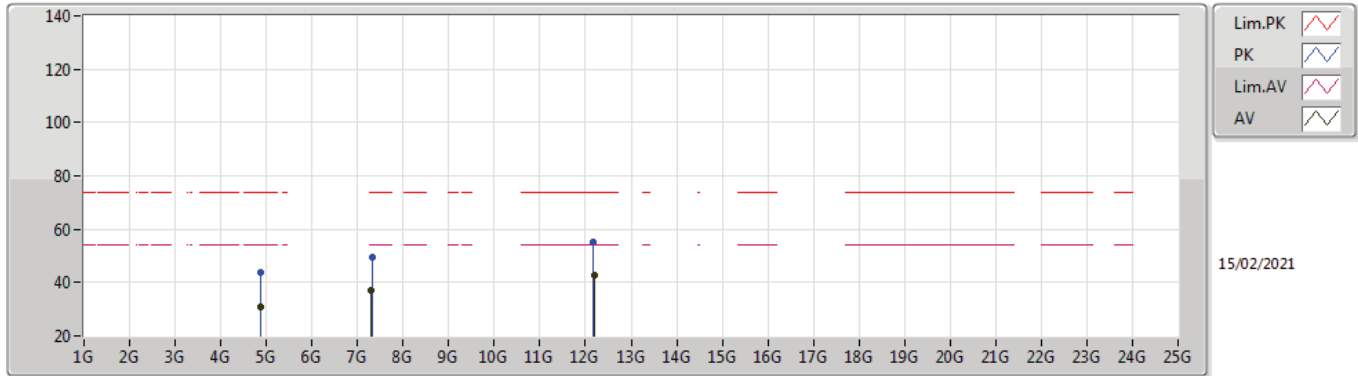


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 4.87587G     | 31.02             | 54.00             | -22.98         | 5.09           | 3           | Vertical  | 63             | 2.32          | -       | 25.93         | 31.05      | 8.30       | 34.26      |
| AV   | 7.31228G     | 37.23             | 54.00             | -16.77         | 11.81          | 3           | Vertical  | 15             | 1.80          | -       | 25.42         | 36.35      | 10.03      | 34.57      |
| AV   | 12.18332G    | 42.91             | 54.00             | -11.09         | 17.83          | 3           | Vertical  | 212            | 1.95          | -       | 25.08         | 39.02      | 13.12      | 34.31      |
| PK   | 4.87238G     | 44.02             | 74.00             | -29.98         | 5.10           | 3           | Vertical  | 63             | 2.32          | -       | 38.92         | 31.06      | 8.30       | 34.26      |
| PK   | 7.30968G     | 49.08             | 74.00             | -24.92         | 11.82          | 3           | Vertical  | 15             | 1.80          | -       | 37.26         | 36.36      | 10.03      | 34.57      |
| PK   | 12.18721G    | 55.25             | 74.00             | -18.75         | 17.82          | 3           | Vertical  | 212            | 1.95          | -       | 37.43         | 39.01      | 13.12      | 34.31      |



802.11n HT40\_Nss1,(MCS0)\_1TX

2437MHz\_TX

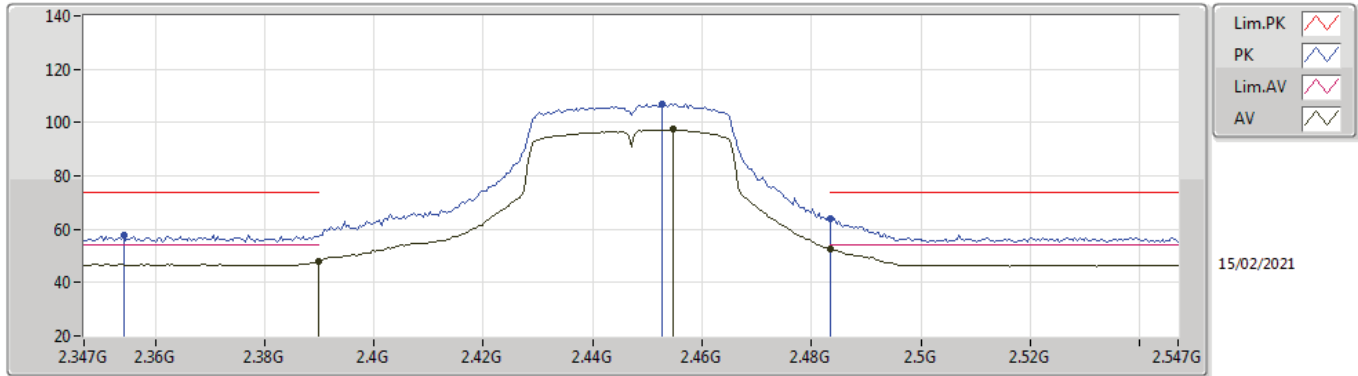


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 4.87493G  | 30.73          | 54.00          | -23.27      | 5.09        | 3        | Horizontal | 182         | 1.18       | -       | 25.64      | 31.05   | 8.30    | 34.26   |
| AV   | 7.30888G  | 37.02          | 54.00          | -16.98      | 11.82       | 3        | Horizontal | 0           | 2.45       | -       | 25.20      | 36.36   | 10.03   | 34.57   |
| AV   | 12.18395G | 42.89          | 54.00          | -11.11      | 17.83       | 3        | Horizontal | 269         | 1.84       | -       | 25.06      | 39.02   | 13.12   | 34.31   |
| PK   | 4.87566G  | 43.60          | 74.00          | -30.40      | 5.09        | 3        | Horizontal | 182         | 1.18       | -       | 38.51      | 31.05   | 8.30    | 34.26   |
| PK   | 7.31052G  | 49.64          | 74.00          | -24.36      | 11.82       | 3        | Horizontal | 0           | 2.45       | -       | 37.82      | 36.36   | 10.03   | 34.57   |
| PK   | 12.18275G | 55.40          | 74.00          | -18.60      | 17.83       | 3        | Horizontal | 269         | 1.84       | -       | 37.57      | 39.02   | 13.12   | 34.31   |



802.11n HT40\_Nss1,(MCS0)\_1TX

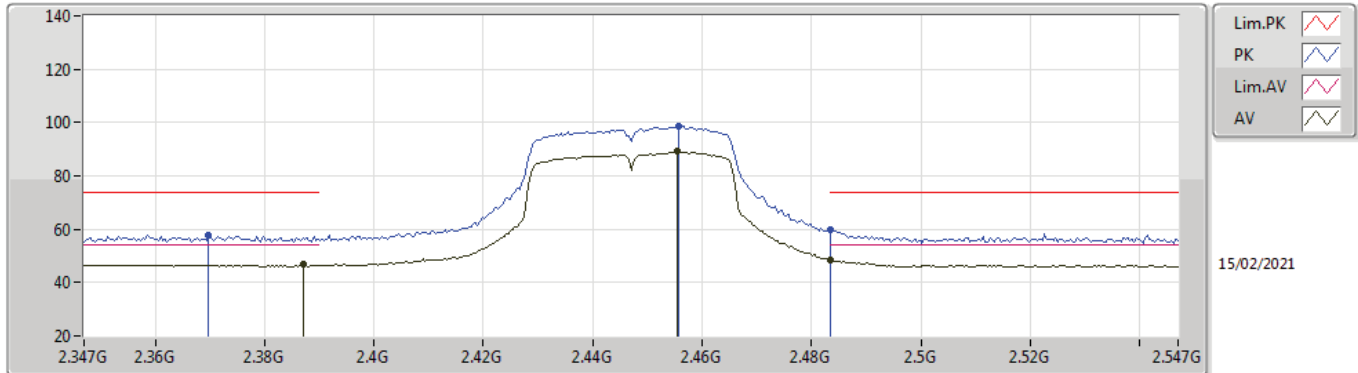
2447MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.3898G   | 48.07          | 54.00          | -5.93       | 33.57       | 3        | Vertical  | 55          | 2.96       | -       | 14.50      | 27.62   | 5.95    | -       |
| AV   | 2.4546G   | 97.36          | Inf            | -Inf        | 33.43       | 3        | Vertical  | 55          | 2.96       | -       | 63.93      | 27.40   | 6.03    | -       |
| AV   | 2.4835G   | 52.44          | 54.00          | -1.56       | 33.46       | 3        | Vertical  | 55          | 2.96       | -       | 18.98      | 27.40   | 6.06    | -       |
| PK   | 2.3542G   | 57.99          | 74.00          | -16.01      | 33.62       | 3        | Vertical  | 55          | 2.96       | -       | 24.37      | 27.69   | 5.93    | -       |
| PK   | 2.4526G   | 107.11         | Inf            | -Inf        | 33.42       | 3        | Vertical  | 55          | 2.96       | -       | 73.69      | 27.40   | 6.02    | -       |
| PK   | 2.4835G   | 64.02          | 74.00          | -9.98       | 33.46       | 3        | Vertical  | 55          | 2.96       | -       | 30.56      | 27.40   | 6.06    | -       |

### 802.11n HT40\_Nss1,(MCS0)\_1TX

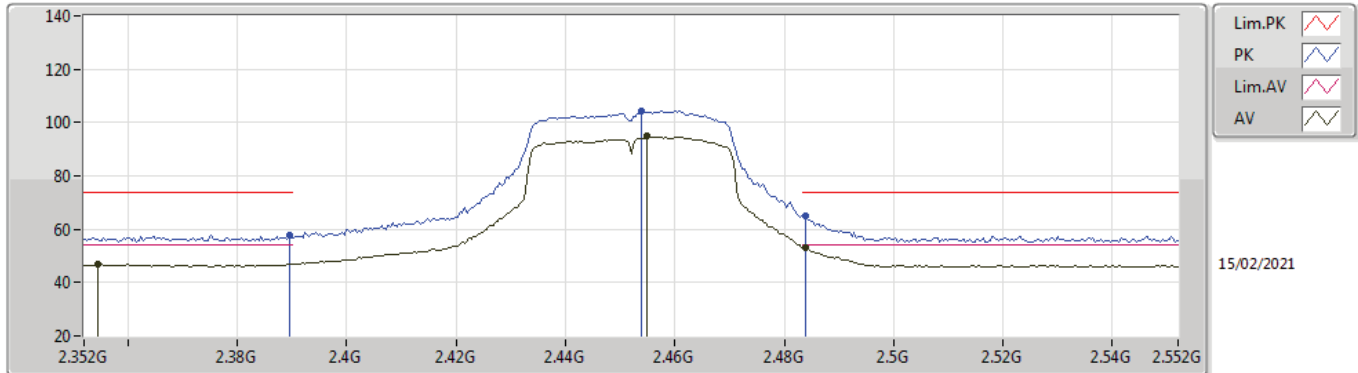
### 2447MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.387G    | 46.67          | 54.00          | -7.33       | 33.58       | 3        | Horizontal | 71          | 2.84       | -       | 13.09      | 27.63   | 5.95    | -       |
| AV   | 2.4554G   | 89.06          | Inf            | -Inf        | 33.43       | 3        | Horizontal | 71          | 2.84       | -       | 55.63      | 27.40   | 6.03    | -       |
| AV   | 2.4835G   | 48.66          | 54.00          | -5.34       | 33.46       | 3        | Horizontal | 71          | 2.84       | -       | 15.20      | 27.40   | 6.06    | -       |
| PK   | 2.3698G   | 58.00          | 74.00          | -16.00      | 33.60       | 3        | Horizontal | 71          | 2.84       | -       | 24.40      | 27.66   | 5.94    | -       |
| PK   | 2.4558G   | 98.69          | Inf            | -Inf        | 33.43       | 3        | Horizontal | 71          | 2.84       | -       | 65.26      | 27.40   | 6.03    | -       |
| PK   | 2.4835G   | 59.88          | 74.00          | -14.12      | 33.46       | 3        | Horizontal | 71          | 2.84       | -       | 26.42      | 27.40   | 6.06    | -       |

### 802.11n HT40\_Nss1,(MCS0)\_1TX

#### 2452MHz\_TX

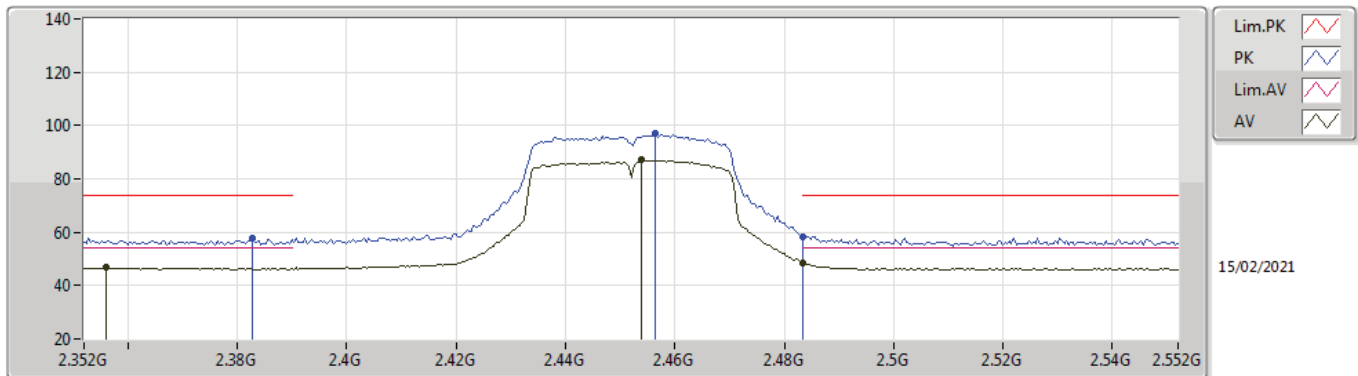


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.3544G   | 46.91          | 54.00          | -7.09       | 33.62       | 3        | Vertical  | 325         | 2.58       | -       | 13.29      | 27.69   | 5.93    | -       |
| AV   | 2.4548G   | 94.84          | Inf            | -Inf        | 33.43       | 3        | Vertical  | 325         | 2.58       | -       | 61.41      | 27.40   | 6.03    | -       |
| AV   | 2.484G    | 53.24          | 54.00          | -0.76       | 33.46       | 3        | Vertical  | 325         | 2.58       | -       | 19.78      | 27.40   | 6.06    | -       |
| PK   | 2.3896G   | 57.90          | 74.00          | -16.10      | 33.57       | 3        | Vertical  | 325         | 2.58       | -       | 24.33      | 27.62   | 5.95    | -       |
| PK   | 2.454G    | 104.32         | Inf            | -Inf        | 33.42       | 3        | Vertical  | 325         | 2.58       | -       | 70.90      | 27.40   | 6.02    | -       |
| PK   | 2.484G    | 64.97          | 74.00          | -9.03       | 33.46       | 3        | Vertical  | 325         | 2.58       | -       | 31.51      | 27.40   | 6.06    | -       |



802.11n HT40\_Nss1,(MCS0)\_1TX

2452MHz\_TX

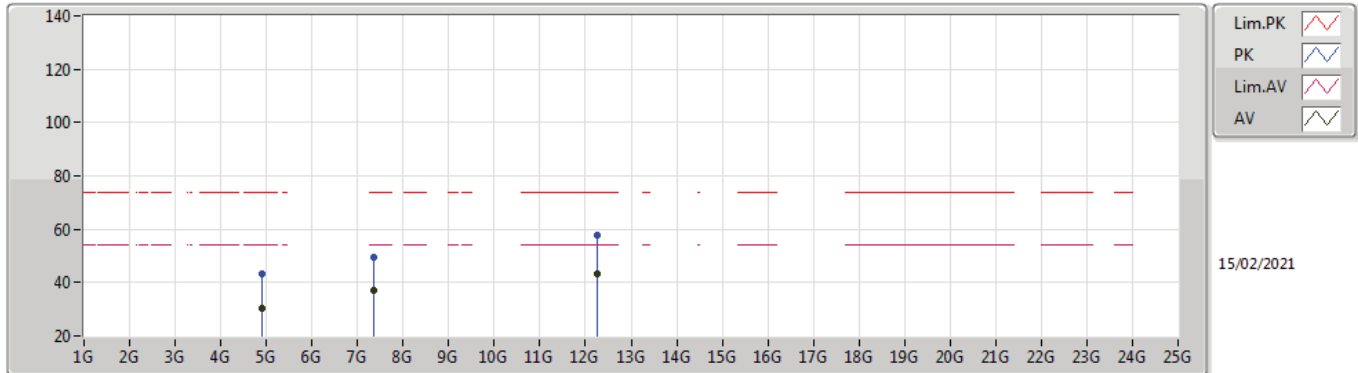


| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 2.356G    | 46.72          | 54.00          | -7.28       | 33.62       | 3        | Horizontal | 70          | 2.88       | -       | 13.10      | 27.69   | 5.93    | -       |
| AV   | 2.454G    | 87.03          | Inf            | -Inf        | 33.42       | 3        | Horizontal | 70          | 2.88       | -       | 53.61      | 27.40   | 6.02    | -       |
| AV   | 2.4835G   | 48.56          | 54.00          | -5.44       | 33.46       | 3        | Horizontal | 70          | 2.88       | -       | 15.10      | 27.40   | 6.06    | -       |
| PK   | 2.3828G   | 57.63          | 74.00          | -16.37      | 33.58       | 3        | Horizontal | 70          | 2.88       | -       | 24.05      | 27.63   | 5.95    | -       |
| PK   | 2.4564G   | 96.88          | Inf            | -Inf        | 33.43       | 3        | Horizontal | 70          | 2.88       | -       | 63.45      | 27.40   | 6.03    | -       |
| PK   | 2.4835G   | 58.50          | 74.00          | -15.50      | 33.46       | 3        | Horizontal | 70          | 2.88       | -       | 25.04      | 27.40   | 6.06    | -       |



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2452MHz\_TX



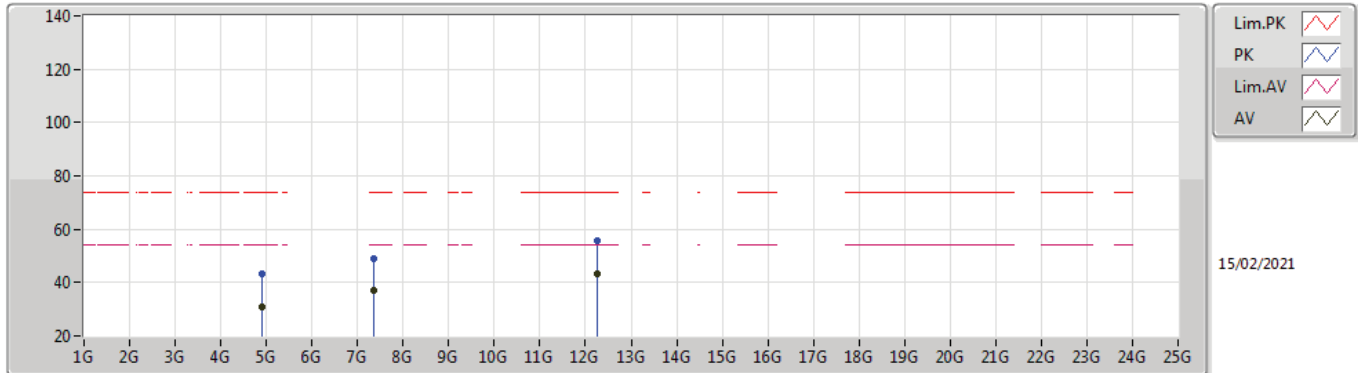
| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 4.90358G  | 30.53          | 54.00          | -23.47      | 5.08        | 3        | Vertical  | 76          | 1.52       | -       | 25.45      | 31.01   | 8.32    | 34.25   |
| AV   | 7.35798G  | 36.90          | 54.00          | -17.10      | 11.64       | 3        | Vertical  | 194         | 1.50       | -       | 25.26      | 36.18   | 10.04   | 34.58   |
| AV   | 12.25788G | 43.13          | 54.00          | -10.87      | 17.78       | 3        | Vertical  | 220         | 1.46       | -       | 25.35      | 38.88   | 13.17   | 34.27   |
| PK   | 4.90269G  | 43.38          | 74.00          | -30.62      | 5.08        | 3        | Vertical  | 76          | 1.52       | -       | 38.30      | 31.01   | 8.32    | 34.25   |
| PK   | 7.35664G  | 49.51          | 74.00          | -24.49      | 11.65       | 3        | Vertical  | 194         | 1.50       | -       | 37.86      | 36.19   | 10.04   | 34.58   |
| PK   | 12.26222G | 57.61          | 74.00          | -16.39      | 17.78       | 3        | Vertical  | 220         | 1.46       | -       | 39.83      | 38.88   | 13.17   | 34.27   |





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| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comment | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|---------|------------|---------|---------|---------|
| AV   | 4.90634G  | 30.70          | 54.00          | -23.30      | 5.10        | 3        | Horizontal | 176         | 2.67       | -       | 25.60      | 31.03   | 8.32    | 34.25   |
| AV   | 7.35562G  | 37.06          | 54.00          | -16.94      | 11.65       | 3        | Horizontal | 223         | 2.89       | -       | 25.41      | 36.19   | 10.04   | 34.58   |
| AV   | 12.26053G | 43.15          | 54.00          | -10.85      | 17.78       | 3        | Horizontal | 105         | 2.19       | -       | 25.37      | 38.88   | 13.17   | 34.27   |
| PK   | 4.90406G  | 43.32          | 74.00          | -30.68      | 5.09        | 3        | Horizontal | 176         | 2.67       | -       | 38.23      | 31.02   | 8.32    | 34.25   |
| PK   | 7.35837G  | 48.98          | 74.00          | -25.02      | 11.64       | 3        | Horizontal | 223         | 2.89       | -       | 37.34      | 36.18   | 10.04   | 34.58   |
| PK   | 12.25952G | 55.94          | 74.00          | -18.06      | 17.78       | 3        | Horizontal | 105         | 2.19       | -       | 38.16      | 38.88   | 13.17   | 34.27   |