

# FCC Radio Test Report

FCC ID : XNI-ID214162  
Contain FCC ID : XMR201807EG95NA  
Equipment : Router Gen2 Hotspot with Telematics  
Brand Name : LCI  
Model Name : 2021015320  
Applicant : Lippert Components  
6801 15 Mile Road Sterling Heights  
Michigan United States 48312  
Manufacturer : Lippert Components  
6801 15 Mile Road Sterling Heights  
Michigan United States 48312  
Standard : 47 CFR FCC Part 15.247

The product was received on Dec. 21, 2020, and testing was started from Jan. 28, 2021 and completed on Jul. 23, 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**

No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)



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## History of this test report

| Report No. | Version | Description             | Issued Date   |
|------------|---------|-------------------------|---------------|
| FR071337AC | 01      | Initial issue of report | Aug. 24, 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:** Ann Hou

# 1 General Description

## 1.1 Information

### 1.1.1 RF General Information

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

#### Non-Beamforming

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

#### Beamforming

| Band          | Mode     | BWch (MHz) | Nant |
|---------------|----------|------------|------|
| 2.4-2.4835GHz | VHT20-BF | 20         | 2TX  |
| 2.4-2.4835GHz | VHT40-BF | 40         | 2TX  |

#### Note:

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

### 1.1.2 Antenna Information

| Ant. | Brand   | Model Name       | Antenna Type | Connector |
|------|---------|------------------|--------------|-----------|
| 1    | Lynwave | ALX20P-222AA1-00 | PCB antenna  | I-PEX     |
| 2    | Lynwave | ALX20P-222AA1-00 | PCB antenna  | I-PEX     |

| Ant. | Port | Gain (dBi) |    |
|------|------|------------|----|
|      |      | 2.4G       | 5G |
| 1    | 1    | 3.7        | 5  |
| 2    | 2    | 3.7        | 5  |

#### For 2.4GHz function:

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

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

#### For 5GHz function:

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

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

### 1.1.3 EUT Information

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

### 1.1.4 Mode Test Duty Cycle

#### Non-Beamforming

| Mode                     | DC | DCF(dB) | T(s)                 | VBW(Hz) $\geq 1/T$   |
|--------------------------|----|---------|----------------------|----------------------|
| 802.11b_Nss1,(1Mbps)_2TX | 1  | 0       | n/a (DC $\geq$ 0.98) | n/a (DC $\geq$ 0.98) |
| 802.11g_Nss1,(6Mbps)_2TX | 1  | 0       | n/a (DC $\geq$ 0.98) | n/a (DC $\geq$ 0.98) |
| VHT20_Nss1,(MCS0)_2TX    | 1  | 0       | n/a (DC $\geq$ 0.98) | n/a (DC $\geq$ 0.98) |
| VHT40_Nss1,(MCS0)_2TX    | 1  | 0       | n/a (DC $\geq$ 0.98) | n/a (DC $\geq$ 0.98) |

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

#### Beamforming

| Mode                     | DC | DCF(dB) | T(s)                 | VBW(Hz) $\geq 1/T$   |
|--------------------------|----|---------|----------------------|----------------------|
| VHT20-BF_Nss1,(MCS0)_2TX | 1  | 0       | n/a (DC $\geq$ 0.98) | n/a (DC $\geq$ 0.98) |
| VHT40-BF_Nss1,(MCS0)_2TX | 1  | 0       | n/a (DC $\geq$ 0.98) | n/a (DC $\geq$ 0.98) |

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

## 1.2 Testing Applied Standards

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

- ♦ 47 CFR FCC Part 15
- ♦ ANSI C63.10-2013

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

- ♦ KDB 558074 D01 v05r02
- ♦ KDB 662911 D01 v02r01
- ♦ KDB 414788 D01 v01r01

## 1.3 Testing Location Information

| Test Lab. : Sporton International Inc. Hsinhua Laboratory  |                                                                                |               |                        |                         |
|------------------------------------------------------------|--------------------------------------------------------------------------------|---------------|------------------------|-------------------------|
| <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                                                                        | Daniel        | 20.1~21.9°C / 51~55%   | 03/Feb/2021             |
| RF Conducted                                               | TH07-HY                                                                        | Justin        | 20.2~22.8°C / 55~56.7% | 01/Feb/2021             |
| Radiated<br>(Below 1GHz)                                   | 03CH02-HY                                                                      | Lego          | 23.1~24.2°C / 58~65%   | 23/Jul/2021             |
| Radiated<br>(Above 1GHz)                                   | 03CH03-HY                                                                      | Edward        | 22.1~23.6°C / 52~60%   | 28/Jan/2021~30/Jan/2021 |
| Radiated<br>(Co-location)                                  | 03CH03-HY                                                                      | Edward        | 24.6~25.1°C / 53~58%   | 15/Apr/2021             |

## 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 | RTL819x3.6-2019/04/19 |
|-----------------------|-----------------------|
|-----------------------|-----------------------|

#### Non-Beamforming

| Mode                     | Power Setting |
|--------------------------|---------------|
| 802.11b_Nss1,(1Mbps)_2TX | -             |
| 2412MHz                  | 91,91         |
| 2437MHz                  | 88,88         |
| 2462MHz                  | 89,89         |
| 802.11g_Nss1,(6Mbps)_2TX | -             |
| 2412MHz                  | 84,84         |
| 2417MHz                  | 104,104       |
| 2437MHz                  | 108,108       |
| 2457MHz                  | 99,99         |
| 2462MHz                  | 82,82         |
| VHT20_Nss1,(MCS0)_2TX    | -             |
| 2412MHz                  | 81,81         |
| 2417MHz                  | 100,100       |
| 2437MHz                  | 108,108       |
| 2457MHz                  | 99,99         |
| 2462MHz                  | 86,86         |
| VHT40_Nss1,(MCS0)_2TX    | -             |
| 2422MHz                  | 76,76         |
| 2427MHz                  | 84,84         |
| 2437MHz                  | 97,97         |
| 2447MHz                  | 77,77         |
| 2452MHz                  | 76,76         |

## 2.3 The Worst Case Measurement Configuration

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

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

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

| The Worst Case Mode for Following Conformance Tests                                |                                    |
|------------------------------------------------------------------------------------|------------------------------------|
| <b>Tests Item</b>                                                                  | Simultaneous Transmission Analysis |
| <b>Test Condition</b>                                                              | Radiated measurement               |
| <b>Operating Mode</b>                                                              | Normal Link                        |
| 1                                                                                  | WLAN 2.4GHz+WLAN 5GHz              |
| Refer to Sporton Test Report No.: Appendix G for Radiated Emission Co-location.    |                                    |
| <b>Operating Mode</b>                                                              | Normal Link                        |
| 1                                                                                  | WLAN 2.4GHz+WLAN 5GHz+LTE          |
| Refer to Sporton Test Report No.: FA071337 for Co-location RF Exposure Evaluation. |                                    |



## 2.4 Support Equipment

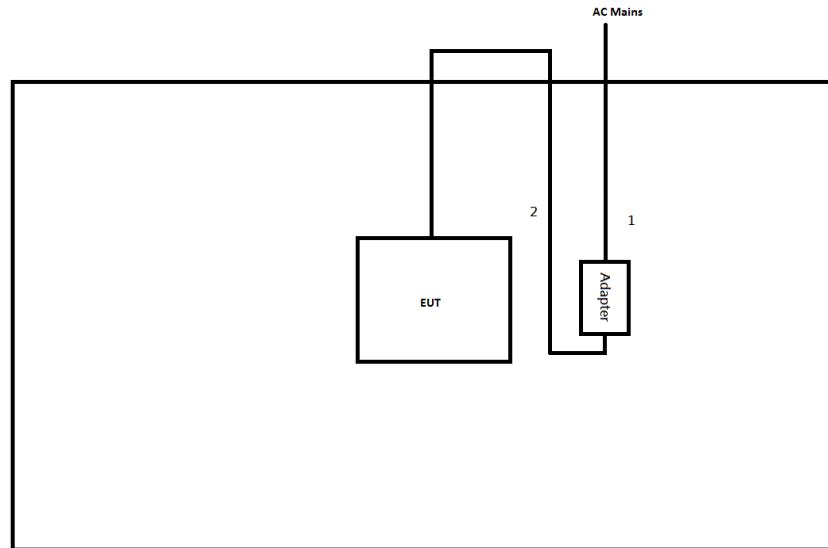
| Support Equipment – AC Conduction |            |                          |            |        |                      |
|-----------------------------------|------------|--------------------------|------------|--------|----------------------|
| No.                               | Equipment  | Brand Name               | Model Name | FCC ID | Remark               |
| 1                                 | AC Adapter | Asian Power Devices inc. | DA-48T12   | -      | 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                             | AC Adapter     | Asian Power Devices inc. | DA-48T12   | -      | Provided by Customer |

| Support Equipment – Radiated |            |                          |            |        |                      |
|------------------------------|------------|--------------------------|------------|--------|----------------------|
| No.                          | Equipment  | Brand Name               | Model Name | FCC ID | Remark               |
| 1                            | AC Adapter | Asian Power Devices inc. | DA-48T12   | -      | Provided by Customer |

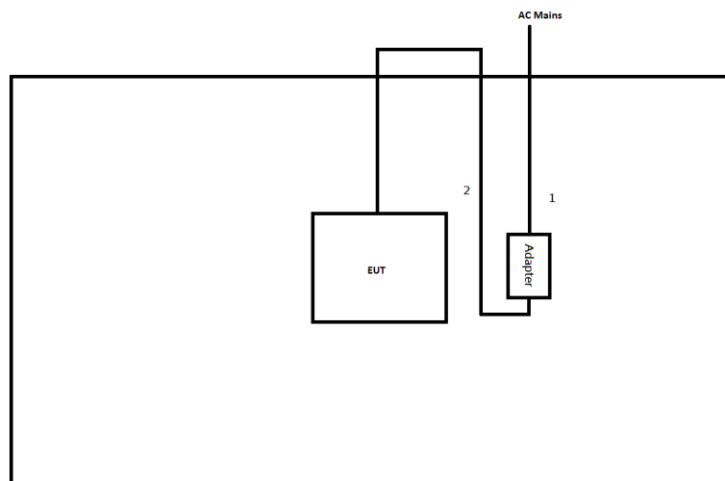
## 2.5 Test Setup Diagram

**Test Setup Diagram – AC Line Conducted Emission Test**



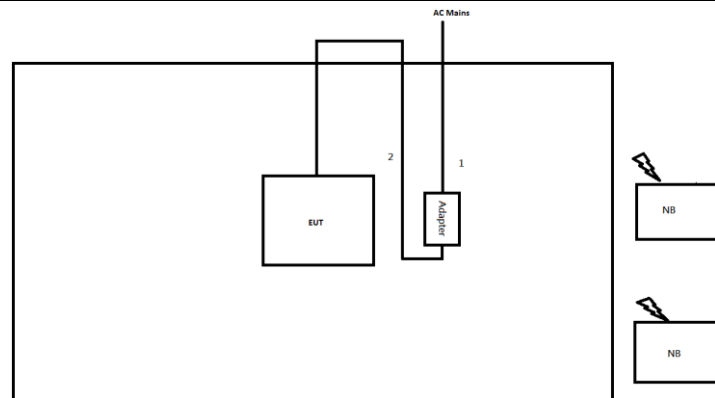
| Item | Connection     | Shielded | Length(m) |
|------|----------------|----------|-----------|
| 1    | AC Power cable | No       | 1.8       |
| 2    | DC Power cable | No       | 1.5       |

**Test Setup Diagram - Radiated Test**



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

## Test Setup Diagram - Radiated Test (Co-location)



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

### 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

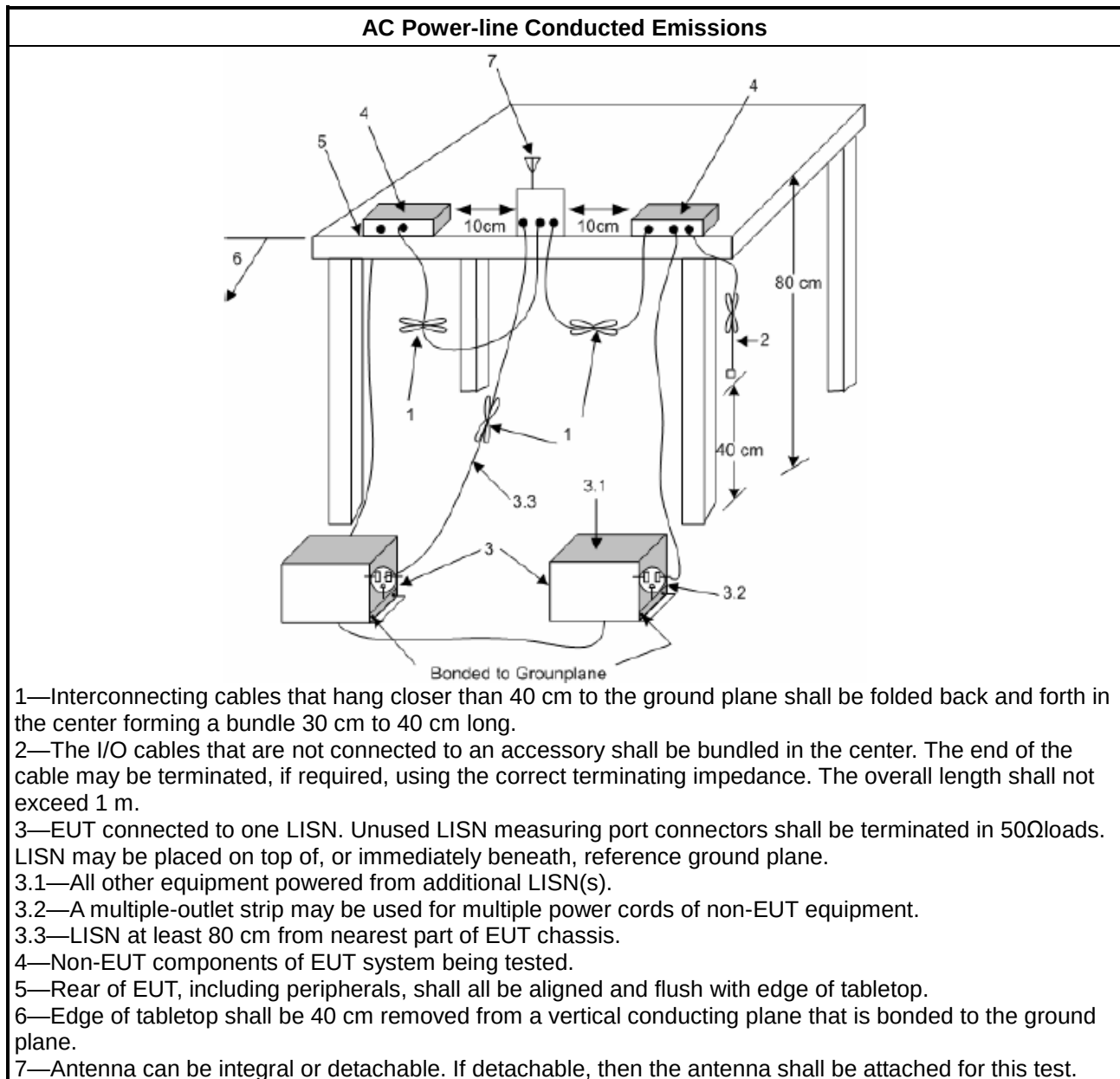
| Test Method                                                                                                      |
|------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> Refer as ANSI C63.10-2013, clause 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> |                                |
| ▪                                                   | 6 dB bandwidth $\geq$ 500 kHz. |

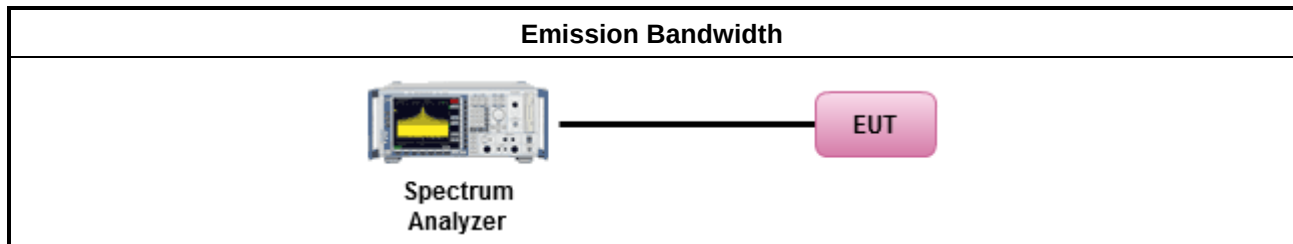
### 3.2.2 Measuring Instruments

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

### 3.2.3 Test Procedures

| Test Method                         |                                                                                  |
|-------------------------------------|----------------------------------------------------------------------------------|
| ▪                                   | For the emission bandwidth shall be measured using one of the options below:     |
| <input checked="" type="checkbox"/> | Refer as KDB 558074. clause 8.2 (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                                                                                                                              |   |                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|----------------------------------------------------------------------------------------------------|
|                                                                                                                                                                   | ▪ | If $G_{TX} \leq 6$ dBi, then $P_{Out} \leq 30$ dBm (1 W)                                           |
|                                                                                                                                                                   | ▪ | Point-to-multipoint systems (P2M): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$ dBm     |
|                                                                                                                                                                   | ▪ | Point-to-point systems (P2P): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm        |
|                                                                                                                                                                   | ▪ | Smart antenna system (SAS):                                                                        |
|                                                                                                                                                                   | - | Single beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm                         |
|                                                                                                                                                                   | - | Overlap beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm                        |
|                                                                                                                                                                   | - | Aggregate power on all beams: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3 + 8$ dB dBm |
| e.i.r.p. Power Limit:                                                                                                                                             |   |                                                                                                    |
|                                                                                                                                                                   | ▪ | 2400-2483.5 MHz Band                                                                               |
|                                                                                                                                                                   | ▪ | Point-to-multipoint systems (P2M): $P_{eirp} \leq 36$ dBm (4 W)                                    |
|                                                                                                                                                                   | ▪ | Point-to-point systems (P2P): $P_{eirp} \leq \text{MAX}(36, [P_{Out} + G_{TX}])$ dBm               |
|                                                                                                                                                                   | ▪ | Smart antenna system (SAS)                                                                         |
|                                                                                                                                                                   | - | Single beam: $P_{eirp} \leq \text{MAX}(36, P_{Out} + G_{TX})$ dBm                                  |
|                                                                                                                                                                   | - | Overlap beam: $P_{eirp} \leq \text{MAX}(36, P_{Out} + G_{TX})$ dBm                                 |
|                                                                                                                                                                   | - | Aggregate power on all beams: $P_{eirp} \leq \text{MAX}(36, [P_{Out} + G_{TX} + 8])$ dBm           |
| $P_{Out}$ = maximum peak conducted output power or maximum conducted output power in dBm,<br>$G_{TX}$ = the maximum transmitting antenna directional gain in dBi. |   |                                                                                                    |

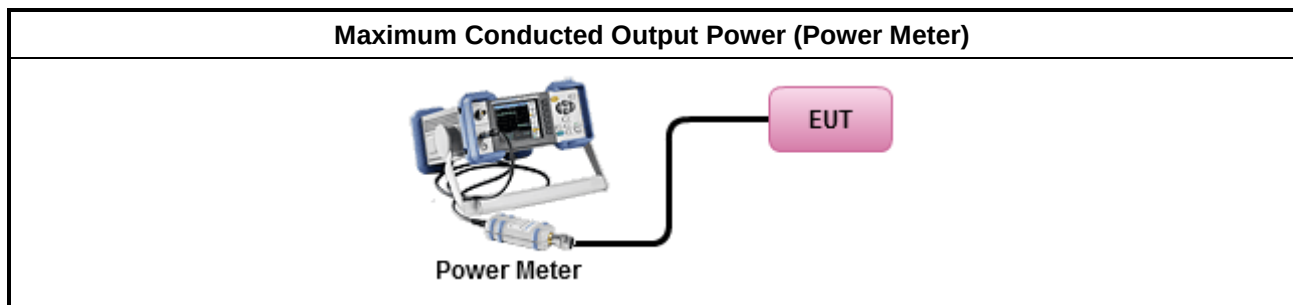
#### 3.3.2 Measuring Instruments

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

### 3.3.3 Test Procedures

| Test Method                                                                                                                                                                                                                                                                                                                                                        |                                                                                             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>Maximum Peak Conducted Output Power</li> </ul>                                                                                                                                                                                                                                                                              |                                                                                             |
| <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                           | Refer as KDB 558074, clause 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 |                                                |
|------------------------------|------------------------------------------------|
| ▪                            | Power Spectral Density (PSD) $\leq$ 8 dBm/3kHz |

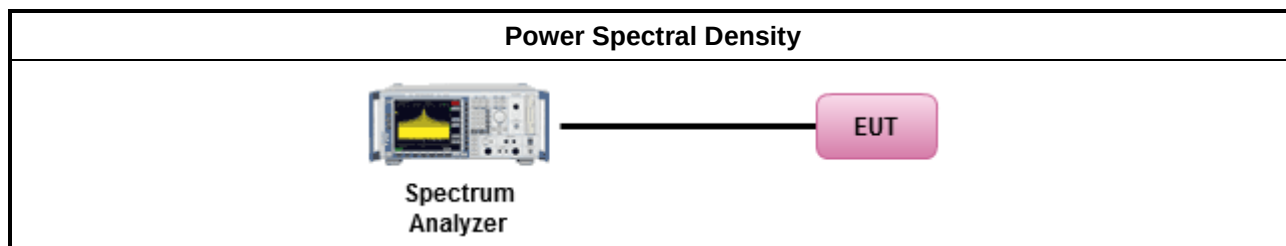
#### 3.4.2 Measuring Instruments

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

#### 3.4.3 Test Procedures

| Test Method                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ▪                                   | Peak power spectral density procedures that the same method as used to determine the conducted output power. If maximum peak conducted output power was measured to demonstrate compliance to the output power limit, then the peak PSD procedure below (Method PKPSD) shall be used. If maximum conducted output power was measured to demonstrate compliance to the output power limit, then one of the average PSD procedures shall be used, as applicable based on the following criteria (the peak PSD procedure is also an acceptable option).                                                                                                         |
| <input checked="" type="checkbox"/> | Refer as KDB 558074, clause 8.4 (11.10 of ANSI C63.10) Max. PSD.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| ▪                                   | For conducted measurement.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| ▪                                   | If The EUT supports multiple transmit chains using options given below:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| ▪                                   | Measure and sum the spectra across the outputs. Refer as KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace. |

#### 3.4.4 Test Setup



#### 3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

### 3.5 Emissions in Non-restricted Frequency Bands

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

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

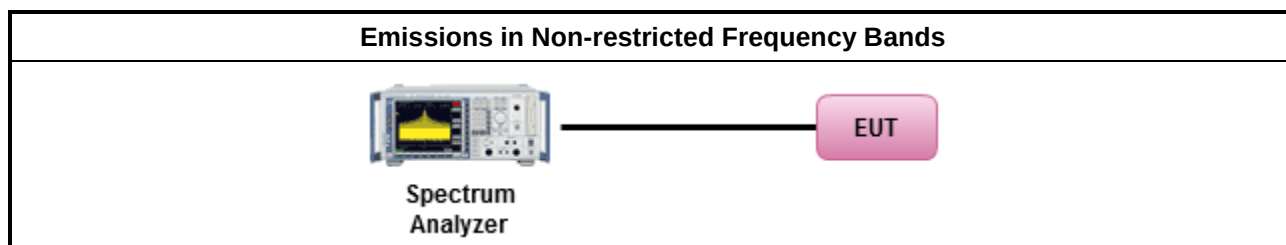
#### 3.5.2 Measuring Instruments

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

#### 3.5.3 Test Procedures

| Test Method                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>Refer as KDB 558074, clause 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

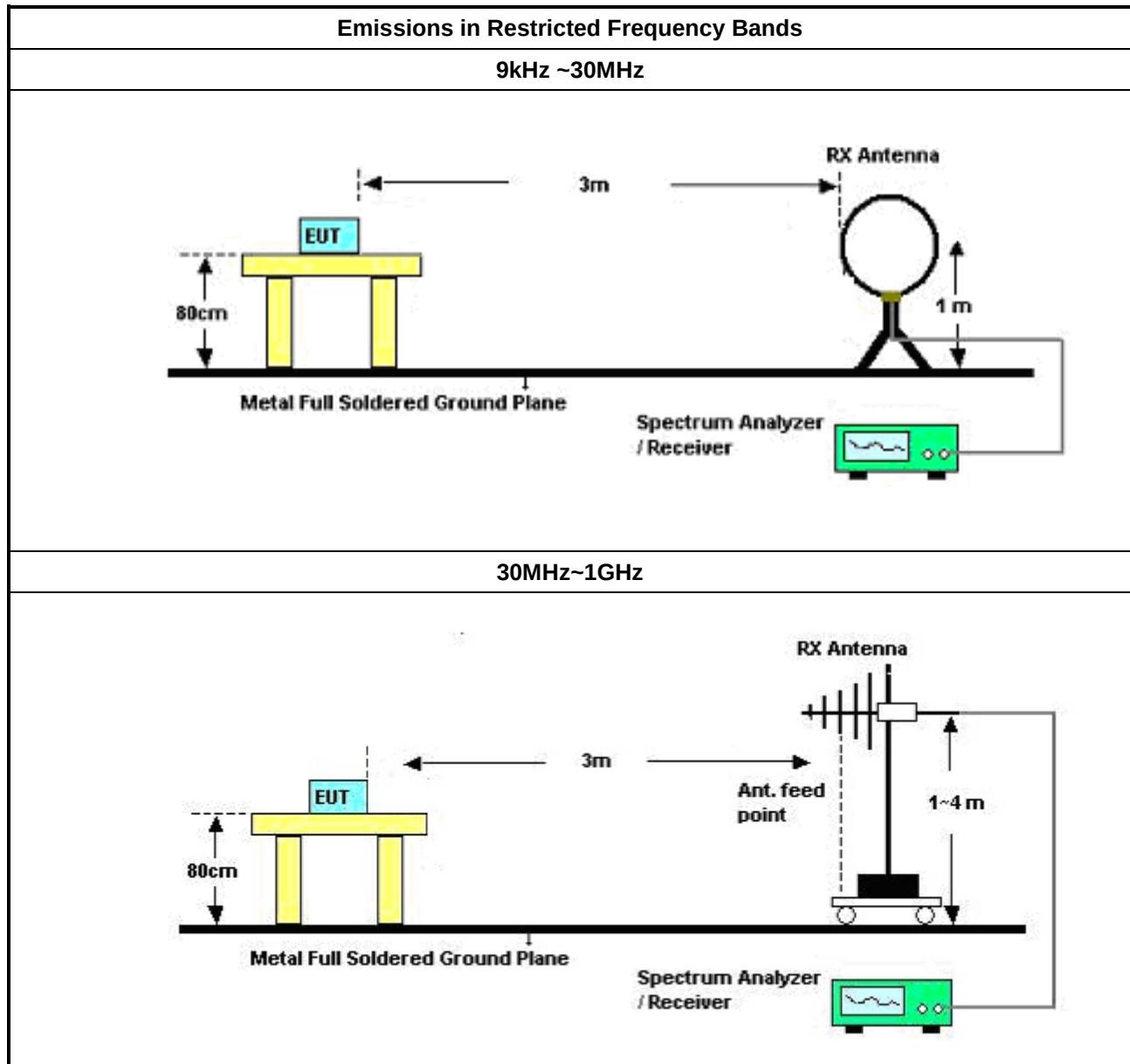
| Test Method                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>The average emission levels shall be measured in [duty cycle <math>\geq</math> 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 <math>f &lt; 1</math> 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 <math>f \geq 1</math> 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>                                                                             |

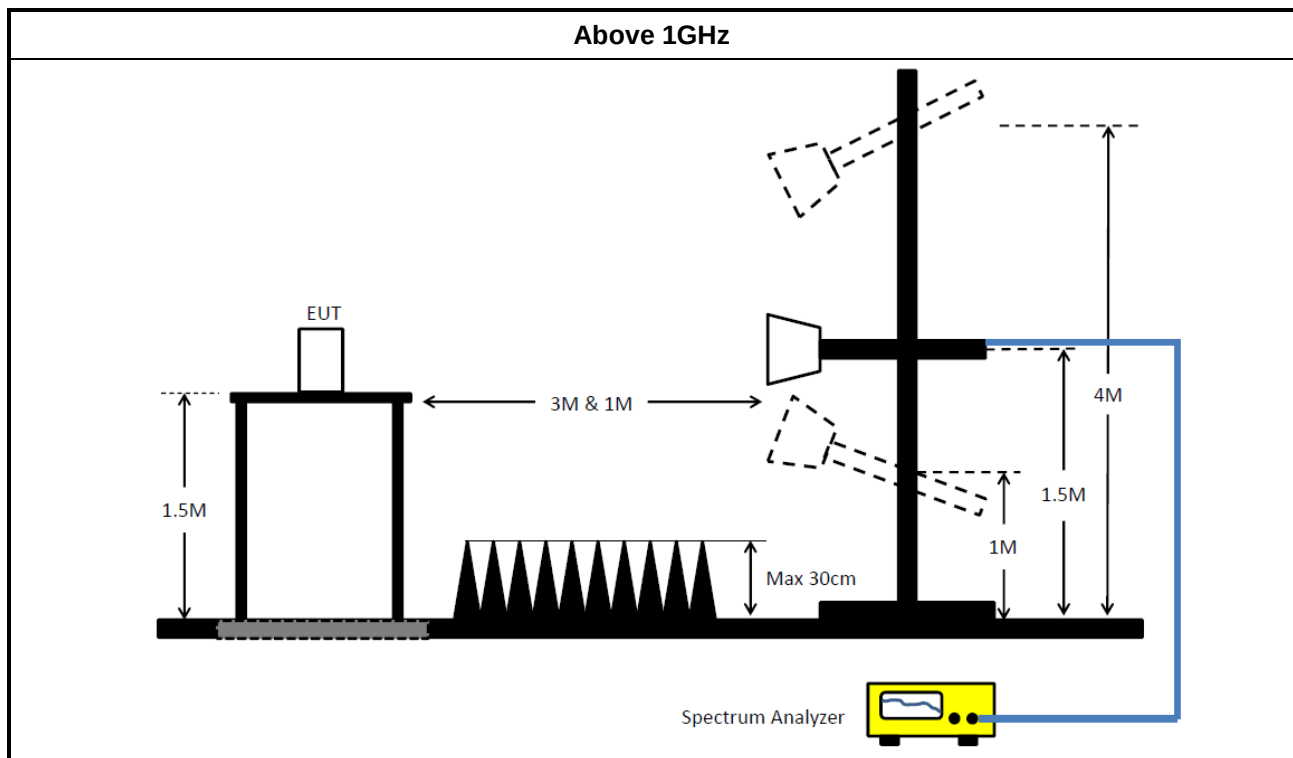
### 3.6.4 Measurement Results Calculation

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-CON                      | MTJ                 | RG142       | CB002-CO   | 9kHz ~ 200MHz | 31/Aug/2020      | 30/Aug/2021          |
| Impuls Begrenzer<br>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    | 101515     | 10Hz~40GHz   | 15/Feb/2020      | 14/Feb/2021          |
| SMB100A Signal Generator | R&S                 | SMB100A03 | 181147     | 100kHz~40GHz | 20/Oct/2020      | 19/Oct/2021          |
| Pulse Sensor             | Anritsu             | MA2411B   | 1339407    | 300MHz~40GHz | 27/Nov/2020      | 26/Nov/2021          |
| Power Meter              | Anritsu             | ML2495A   | 1517010    | 300MHz~40GHz | 27/Nov/2020      | 26/Nov/2021          |

### Instrument for Radiated Test (03CH02-HY)

| 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          |
| Signal Analyzer                | R&S                 | FSP40                  | 100593     | 9kHz~40GHz       | 12/Mar/2021      | 11/Mar/2022          |
| Amplifier                      | Agilent             | 8447D                  | 2944A11149 | 100kHz~1.3GHz    | 29/Jun/2021      | 28/Jun/2022          |
| Bilog Antenna & 5dB Attenuator | SCHAFFNER / MTJ     | CBL 6112B / MTJ6102-05 | 2723 / 2   | 30MHz~1GHz       | 06/Sep/2020      | 05/Sep/2021          |
| RF Cable                       | MVE                 | 400LL                  | MVE-1-0802 | 9kHz~30MHz       | 05/May/2021      | 04/May/2022          |
| RF Cable                       | MVE                 | 400LL                  | MVE-1-0802 | 30MHz~1GHz       | 05/May/2021      | 04/May/2022          |
| Loop Antenna                   | TESEQ               | HLA 6120               | 31244      | 9kHz~30MHz       | 16/Mar/2021      | 15/Mar/2022          |
| EMI Test Receiver              | R&S                 | ESR3                   | 102052     | 9kHz~3.6GHz      | 19/Apr/2021      | 18/Apr/2022          |

**Instrument for Radiated Test (03CH03-HY)**

| Instrument                       | Manufacturer /Brand | Model No.     | Serial No.                     | Spec.            | Calibration Date | Calibration Due Date |
|----------------------------------|---------------------|---------------|--------------------------------|------------------|------------------|----------------------|
| 3m Semi Anechoic Chamber         | SIDT FRANKONIA      | SAC-3M        | 03CH03-HY                      | 1GHz~18GHz<br>3m | 04/Aug/2020      | 03/Aug/2021          |
| Signal Analyzer                  | R&S                 | FSV40         | 101500                         | 10Hz~40GHz       | 19/Aug/2020      | 18/Aug/2021          |
| Double Ridged Guide Horn Antenna | SCHWARZBECK         | BBHA 9120 D   | BBHA 9120 D<br>1531            | 1GHz~18GHz       | 26/Mar/2020      | 25/Mar/2021          |
| RF CABLE 5+6m                    | HUBER+SUHNER        | SUOFLEX 104   | SN<br>MY38596/4+SN<br>804300/4 | 1GHz~40GHz       | 04/Aug/2020      | 03/Aug/2021          |
| Broadband Horn Antenna           | SCHWARZBECK         | BBHA 9170     | BBHA 9170221                   | 18GHz~40GHz      | 13/Mar/2020      | 12/Mar/2021          |
| Preamplifier                     | MITEQ               | TTA1840-35-HG | 1864481                        | 18GHz~40GHz      | 10/Mar/2020      | 09/Mar/2021          |

**Instrument for Radiated Test (Co-location)**

| Instrument                       | Manufacturer /Brand | Model No.   | Serial No.                     | Spec.            | Calibration Date | Calibration Due Date |
|----------------------------------|---------------------|-------------|--------------------------------|------------------|------------------|----------------------|
| 3m Semi Anechoic Chamber         | SIDT FRANKONIA      | SAC-3M      | 03CH03-HY                      | 1GHz~18GHz<br>3m | 04/Aug/2020      | 03/Aug/2021          |
| Signal Analyzer                  | R&S                 | FSV40       | 101500                         | 10Hz~40GHz       | 19/Aug/2020      | 18/Aug/2021          |
| Microwave System Preamplifier    | KEYSIGHT            | 83017A      | MY53270196                     | 1GHz~26.5GHz     | 06/Oct/2020      | 05/Oct/2021          |
| Double Ridged Guide Horn Antenna | SCHWARZBECK         | BBHA 9120 D | BBHA 9120 D<br>1531            | 1GHz~18GHz       | 24/Mar/2021      | 23/Mar/2022          |
| RF CABLE 5+6m                    | HUBER+SUHNER        | SUOFLEX 104 | SN<br>MY38596/4+SN<br>804300/4 | 1GHz~40GHz       | 04/Aug/2020      | 03/Aug/2021          |
| Broadband Horn Antenna           | SCHWARZBECK         | BBHA 9170   | BBHA 9170221                   | 15GHz~40GHz      | 11/Mar/2021      | 10/Mar/2022          |
| Microwave Preamplifier           | EMC INSTRUMENTS     | EM18G40G    | 060604                         | 18GHz ~ 40GHz    | 09/Mar/2021      | 08/Mar/2022          |

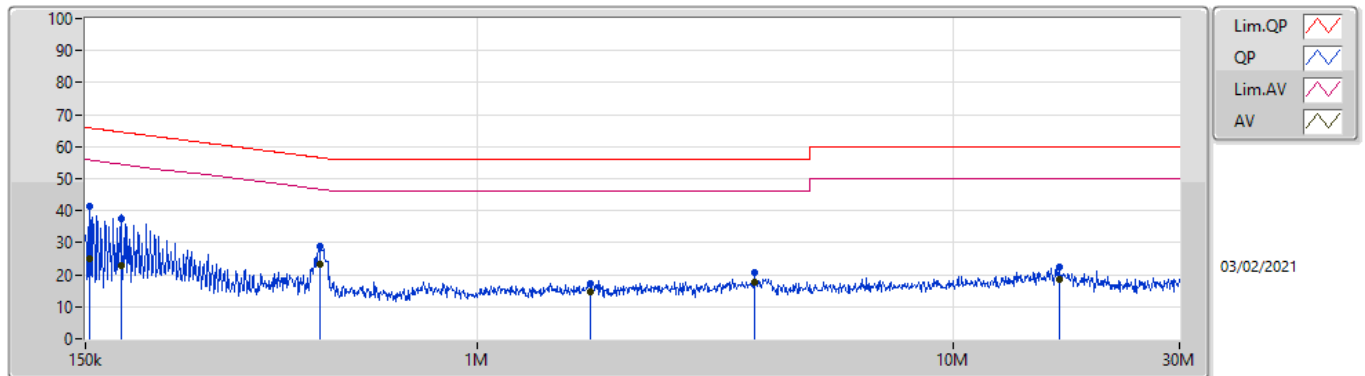
## Summary

| Mode   | Result | Type | Freq (Hz) | Level (dBuV) | Limit (dBuV) | Margin (dB) | Condition |
|--------|--------|------|-----------|--------------|--------------|-------------|-----------|
| Mode 1 | Pass   | AV   | 467.95k   | 23.54        | 46.55        | -23.01      | Neutral   |

## Mode Configure

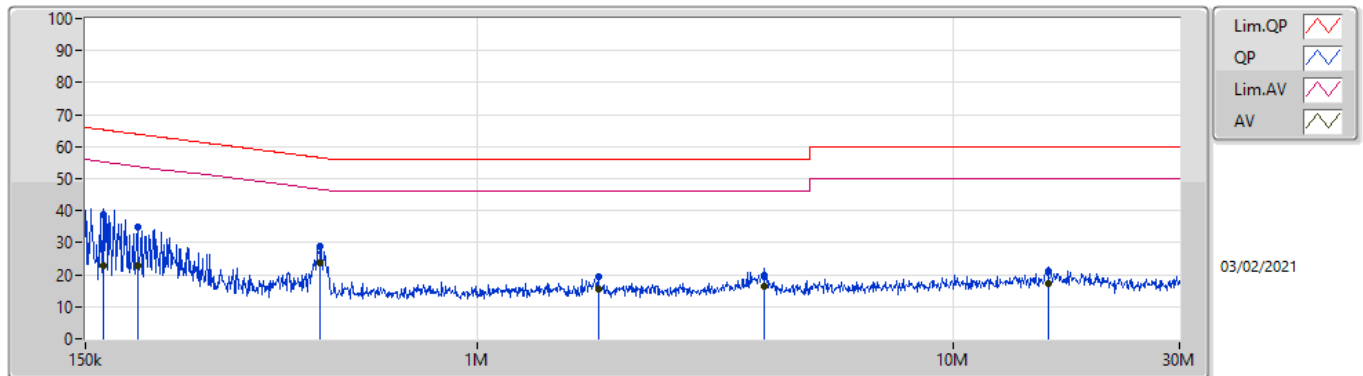
| Mode   | Result | Type | Freq (Hz) | Level (dBuV) | Limit (dBuV) | Margin (dB) | Condition | Comments |
|--------|--------|------|-----------|--------------|--------------|-------------|-----------|----------|
| Mode 1 | Pass   | QP   | 153.024k  | 41.59        | 65.83        | -24.24      | Line      | -        |
| Mode 1 | Pass   | AV   | 153.024k  | 25.03        | 55.83        | -30.80      | Line      | -        |
| Mode 1 | Pass   | QP   | 178.091k  | 37.37        | 64.57        | -27.20      | Line      | -        |
| Mode 1 | Pass   | AV   | 178.091k  | 22.79        | 54.57        | -31.78      | Line      | -        |
| Mode 1 | Pass   | QP   | 467.95k   | 28.70        | 56.55        | -27.85      | Line      | -        |
| Mode 1 | Pass   | AV   | 467.95k   | 23.35        | 46.55        | -23.20      | Line      | -        |
| Mode 1 | Pass   | QP   | 1.726M    | 17.44        | 56.00        | -38.56      | Line      | -        |
| Mode 1 | Pass   | AV   | 1.726M    | 14.63        | 46.00        | -31.37      | Line      | -        |
| Mode 1 | Pass   | QP   | 3.836M    | 20.89        | 56.00        | -35.11      | Line      | -        |
| Mode 1 | Pass   | AV   | 3.836M    | 17.55        | 46.00        | -28.45      | Line      | -        |
| Mode 1 | Pass   | QP   | 16.734M   | 22.28        | 60.00        | -37.72      | Line      | -        |
| Mode 1 | Pass   | AV   | 16.734M   | 18.65        | 50.00        | -31.35      | Line      | -        |
| Mode 1 | Pass   | QP   | 163.117k  | 38.66        | 65.31        | -26.65      | Neutral   | -        |
| Mode 1 | Pass   | AV   | 163.117k  | 22.65        | 55.31        | -32.66      | Neutral   | -        |
| Mode 1 | Pass   | QP   | 192.892k  | 34.74        | 63.92        | -29.18      | Neutral   | -        |
| Mode 1 | Pass   | AV   | 192.892k  | 22.81        | 53.92        | -31.11      | Neutral   | -        |
| Mode 1 | Pass   | QP   | 467.95k   | 28.86        | 56.55        | -27.69      | Neutral   | -        |
| Mode 1 | Pass   | AV   | 467.95k   | 23.54        | 46.55        | -23.01      | Neutral   | -        |
| Mode 1 | Pass   | QP   | 1.797M    | 19.26        | 56.00        | -36.74      | Neutral   | -        |
| Mode 1 | Pass   | AV   | 1.797M    | 15.73        | 46.00        | -30.27      | Neutral   | -        |
| Mode 1 | Pass   | QP   | 4.008M    | 19.91        | 56.00        | -36.09      | Neutral   | -        |
| Mode 1 | Pass   | AV   | 4.008M    | 16.40        | 46.00        | -29.60      | Neutral   | -        |
| Mode 1 | Pass   | QP   | 15.888M   | 21.00        | 60.00        | -39.00      | Neutral   | -        |
| Mode 1 | Pass   | AV   | 15.888M   | 17.17        | 50.00        | -32.83      | Neutral   | -        |

## Conducted Emissions at Powerline\_Mode 1



| 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   | 153.024k     | 41.59           | 65.83           | -24.24         | 19.60          | Line      | -       | 21.99         | 9.69         | 0.01       | 9.90       |  |  |  |
| AV   | 153.024k     | 25.03           | 55.83           | -30.80         | 19.60          | Line      | -       | 5.43          | 9.69         | 0.01       | 9.90       |  |  |  |
| QP   | 178.091k     | 37.37           | 64.57           | -27.20         | 19.59          | Line      | -       | 17.78         | 9.68         | 0.01       | 9.90       |  |  |  |
| AV   | 178.091k     | 22.79           | 54.57           | -31.78         | 19.59          | Line      | -       | 3.20          | 9.68         | 0.01       | 9.90       |  |  |  |
| QP   | 467.95k      | 28.70           | 56.55           | -27.85         | 19.58          | Line      | -       | 9.12          | 9.67         | 0.03       | 9.88       |  |  |  |
| AV   | 467.95k      | 23.35           | 46.55           | -23.20         | 19.58          | Line      | -       | 3.77          | 9.67         | 0.03       | 9.88       |  |  |  |
| QP   | 1.726M       | 17.44           | 56.00           | -38.56         | 19.55          | Line      | -       | -2.11         | 9.68         | 0.07       | 9.80       |  |  |  |
| AV   | 1.726M       | 14.63           | 46.00           | -31.37         | 19.55          | Line      | -       | -4.92         | 9.68         | 0.07       | 9.80       |  |  |  |
| QP   | 3.836M       | 20.89           | 56.00           | -35.11         | 19.70          | Line      | -       | 1.19          | 9.69         | 0.12       | 9.89       |  |  |  |
| AV   | 3.836M       | 17.55           | 46.00           | -28.45         | 19.70          | Line      | -       | -2.15         | 9.69         | 0.12       | 9.89       |  |  |  |
| QP   | 16.734M      | 22.28           | 60.00           | -37.72         | 19.85          | Line      | -       | 2.43          | 9.68         | 0.27       | 9.90       |  |  |  |
| AV   | 16.734M      | 18.65           | 50.00           | -31.35         | 19.85          | Line      | -       | -1.20         | 9.68         | 0.27       | 9.90       |  |  |  |

### Conducted Emissions at Powerline\_Mode 1



| 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   | 163.117k     | 38.66           | 65.31           | -26.65         | 19.60          | Neutral   | -       | 19.06         | 9.69         | 0.01       | 9.90       |  |  |  |
| AV   | 163.117k     | 22.65           | 55.31           | -32.66         | 19.60          | Neutral   | -       | 3.05          | 9.69         | 0.01       | 9.90       |  |  |  |
| QP   | 192.892k     | 34.74           | 63.92           | -29.18         | 19.59          | Neutral   | -       | 15.15         | 9.68         | 0.01       | 9.90       |  |  |  |
| AV   | 192.892k     | 22.81           | 53.92           | -31.11         | 19.59          | Neutral   | -       | 3.22          | 9.68         | 0.01       | 9.90       |  |  |  |
| QP   | 467.95k      | 28.86           | 56.55           | -27.69         | 19.58          | Neutral   | -       | 9.28          | 9.67         | 0.03       | 9.88       |  |  |  |
| AV   | 467.95k      | 23.54           | 46.55           | -23.01         | 19.58          | Neutral   | -       | 3.96          | 9.67         | 0.03       | 9.88       |  |  |  |
| QP   | 1.797M       | 19.26           | 56.00           | -36.74         | 19.56          | Neutral   | -       | -0.30         | 9.68         | 0.08       | 9.80       |  |  |  |
| AV   | 1.797M       | 15.73           | 46.00           | -30.27         | 19.56          | Neutral   | -       | -3.83         | 9.68         | 0.08       | 9.80       |  |  |  |
| QP   | 4.008M       | 19.91           | 56.00           | -36.09         | 19.71          | Neutral   | -       | 0.20          | 9.69         | 0.12       | 9.90       |  |  |  |
| AV   | 4.008M       | 16.40           | 46.00           | -29.60         | 19.71          | Neutral   | -       | -3.31         | 9.69         | 0.12       | 9.90       |  |  |  |
| QP   | 15.888M      | 21.00           | 60.00           | -39.00         | 19.90          | Neutral   | -       | 1.10          | 9.74         | 0.26       | 9.90       |  |  |  |
| AV   | 15.888M      | 17.17           | 50.00           | -32.83         | 19.90          | Neutral   | -       | -2.73         | 9.74         | 0.26       | 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)_2TX | 10.125M          | 14.368M         | 14M4G1D  | 10.1M            | 13.843M         |
| 802.11g_Nss1,(6Mbps)_2TX | 15.925M          | 20.715M         | 20M7D1D  | 14.775M          | 16.292M         |
| VHT20_Nss1,(MCS0)_2TX    | 16.5M            | 20.665M         | 20M7D1D  | 15.9M            | 17.441M         |
| VHT40_Nss1,(MCS0)_2TX    | 25.55M           | 35.332M         | 35M3D1D  | 22.95M           | 34.533M         |

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

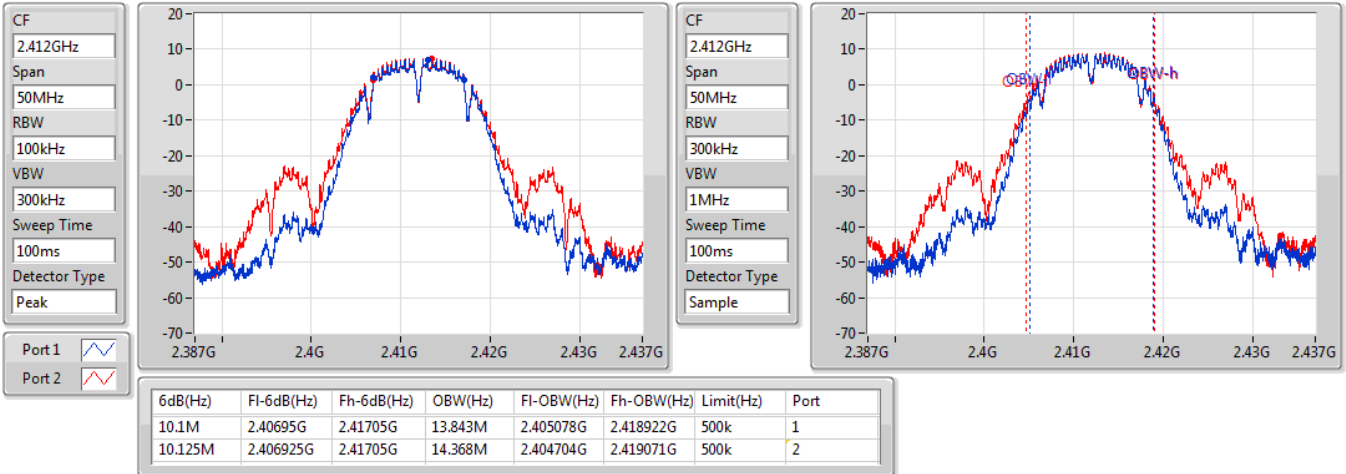
**Result**

| Mode                     | Result | Limit<br>(Hz) | Port 1-N dB<br>(Hz) | Port 1-OBW<br>(Hz) | Port 2-N dB<br>(Hz) | Port 2-OBW<br>(Hz) |
|--------------------------|--------|---------------|---------------------|--------------------|---------------------|--------------------|
| 802.11b_Nss1,(1Mbps)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 2412MHz_TnomVnom         | Pass   | 500k          | 10.1M               | 13.843M            | 10.125M             | 14.368M            |
| 2437MHz_TnomVnom         | Pass   | 500k          | 10.125M             | 13.943M            | 10.125M             | 14.143M            |
| 2462MHz_TnomVnom         | Pass   | 500k          | 10.1M               | 14.068M            | 10.125M             | 14.118M            |
| 802.11g_Nss1,(6Mbps)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 2412MHz_TnomVnom         | Pass   | 500k          | 15.925M             | 16.317M            | 14.775M             | 16.417M            |
| 2437MHz_TnomVnom         | Pass   | 500k          | 15.625M             | 18.116M            | 15.525M             | 20.715M            |
| 2462MHz_TnomVnom         | Pass   | 500k          | 15.325M             | 16.292M            | 14.775M             | 16.367M            |
| VHT20_Nss1,(MCS0)_2TX    | -      | -             | -                   | -                  | -                   | -                  |
| 2412MHz_TnomVnom         | Pass   | 500k          | 16.275M             | 17.441M            | 16.15M              | 17.516M            |
| 2437MHz_TnomVnom         | Pass   | 500k          | 16.5M               | 18.466M            | 16.175M             | 20.665M            |
| 2462MHz_TnomVnom         | Pass   | 500k          | 16.125M             | 17.516M            | 15.9M               | 17.541M            |
| VHT40_Nss1,(MCS0)_2TX    | -      | -             | -                   | -                  | -                   | -                  |
| 2422MHz_TnomVnom         | Pass   | 500k          | 25.05M              | 34.533M            | 23.8M               | 34.833M            |
| 2437MHz_TnomVnom         | Pass   | 500k          | 24.65M              | 34.833M            | 25.55M              | 35.332M            |
| 2452MHz_TnomVnom         | Pass   | 500k          | 22.95M              | 34.733M            | 23.9M               | 34.733M            |

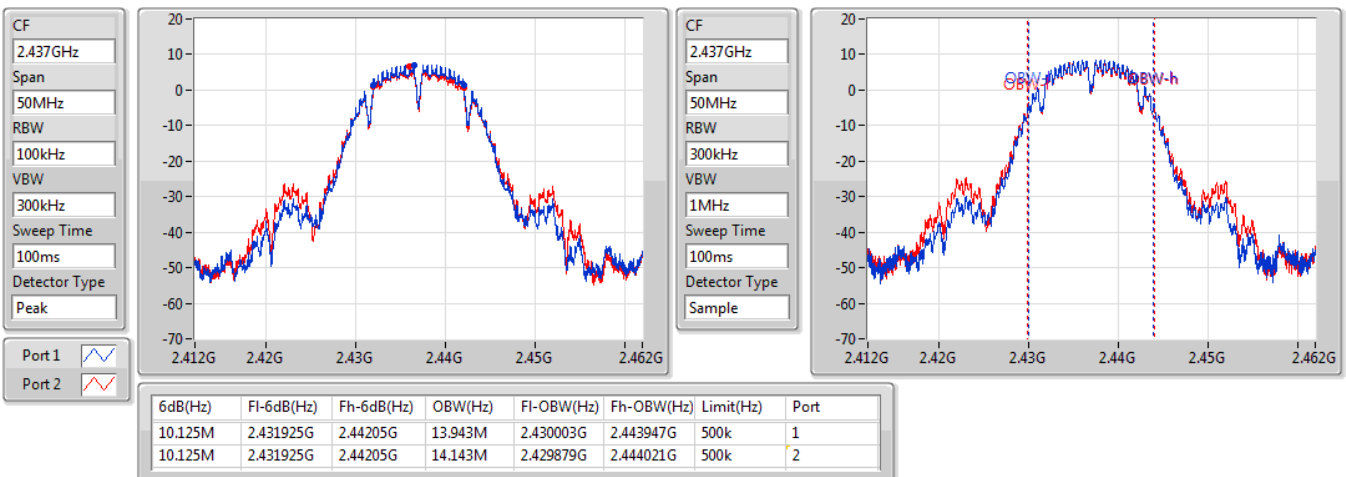
Port X-N dB = Port X 6dB down bandwidth;  
Port X-OBW = Port X 99% occupied bandwidth

**802.11b\_Nss1,(1Mbps)\_2TX**
**EBW**
**2412MHz**

01/02/2021

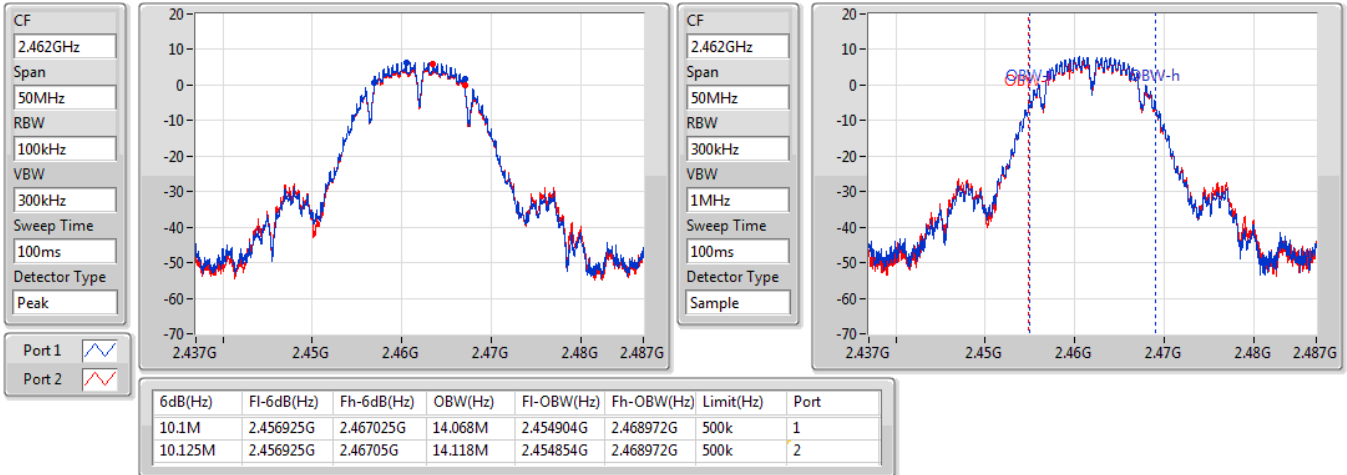

**802.11b\_Nss1,(1Mbps)\_2TX**
**EBW**
**2437MHz**

01/02/2021

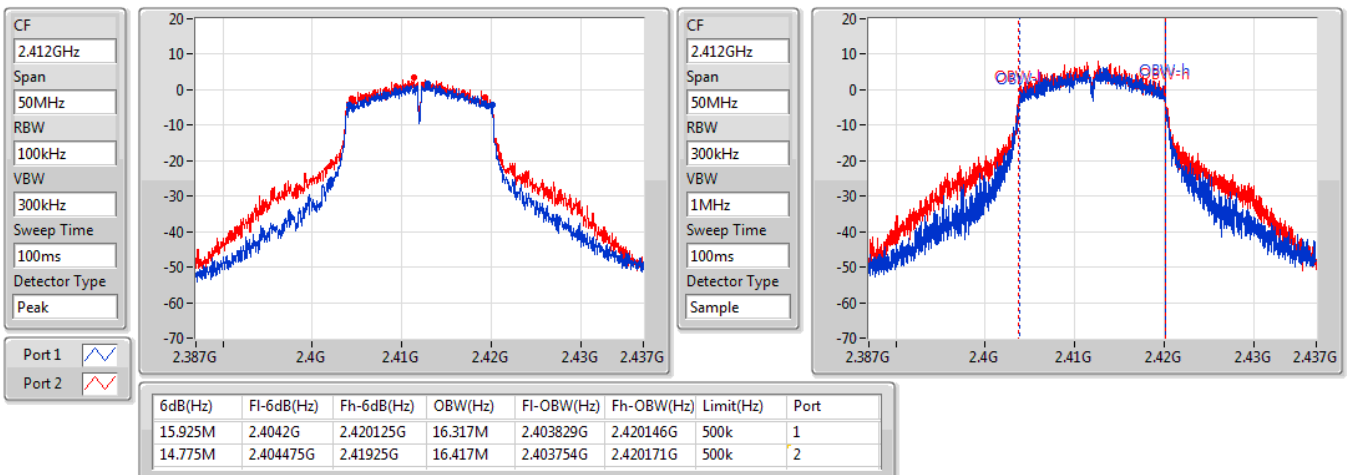


**802.11b\_Nss1,(1Mbps)\_2TX**
**EBW**
**2462MHz**

01/02/2021


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

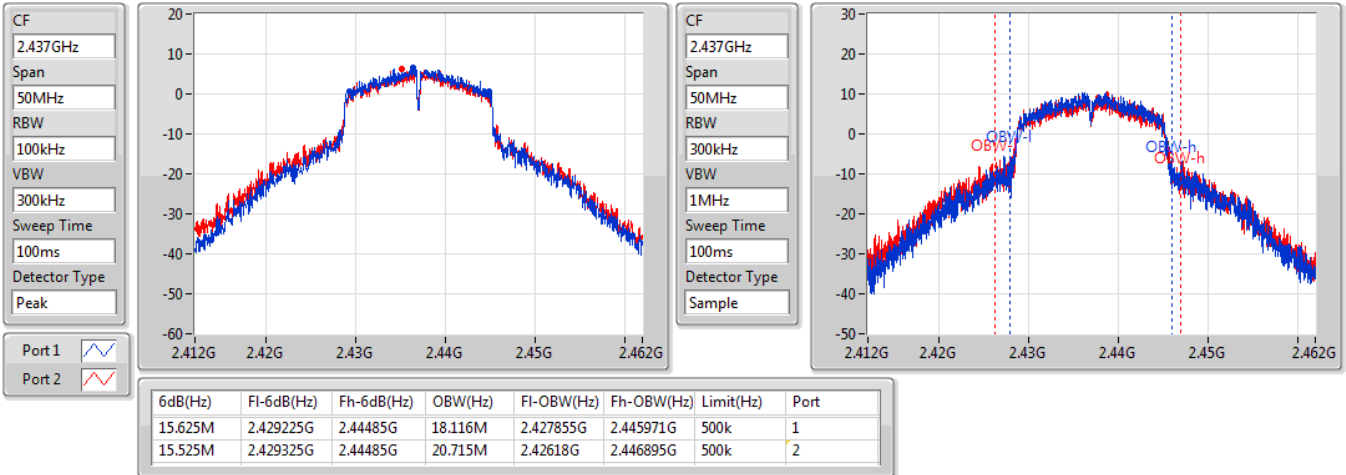
01/02/2021



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

2437MHz

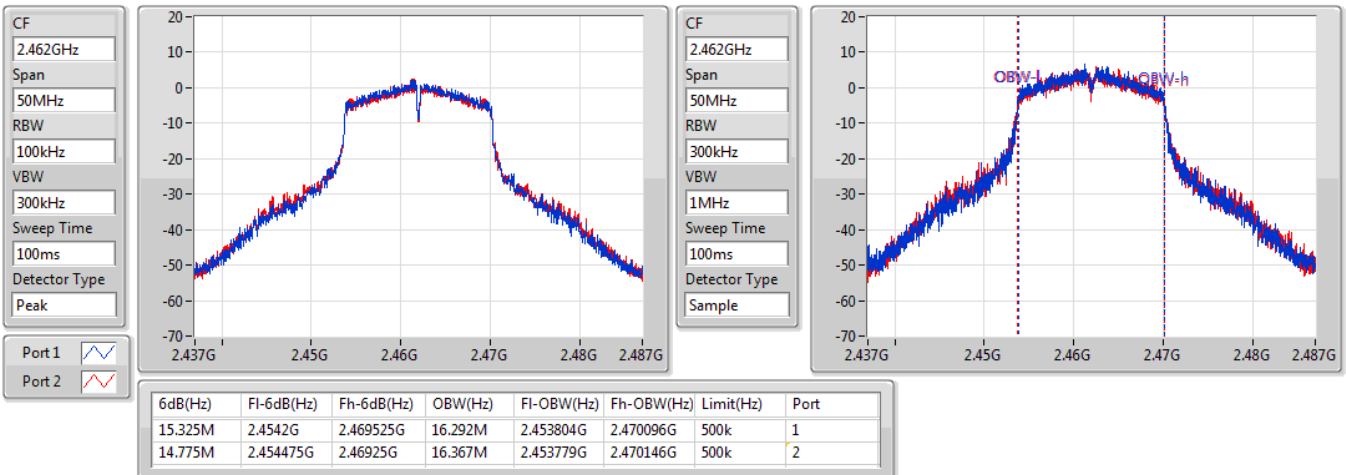
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## 802.11g\_Nss1,(6Mbps)\_2TX

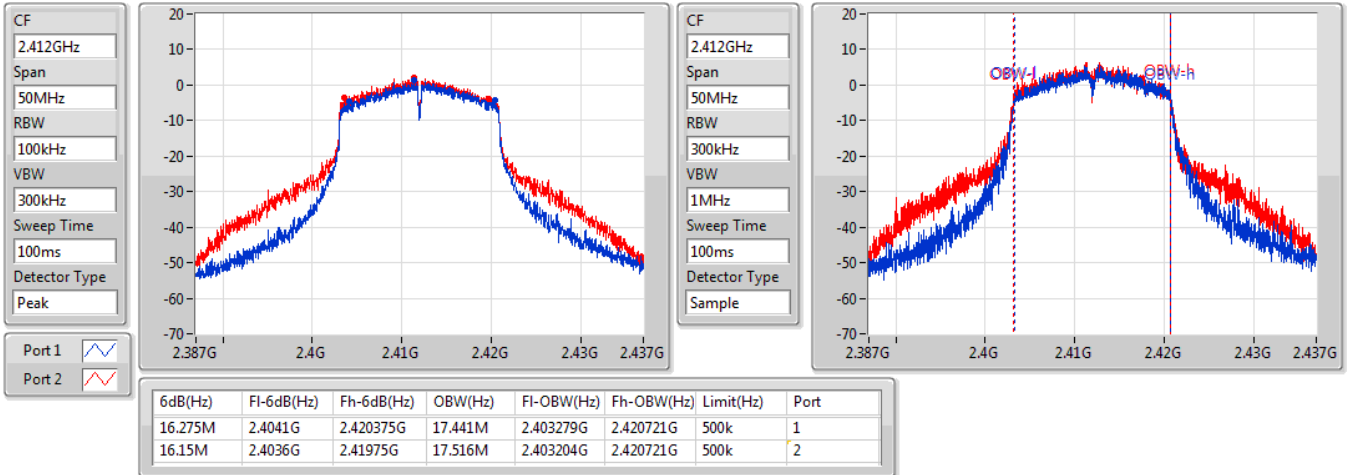
2462MHz

01/02/2021

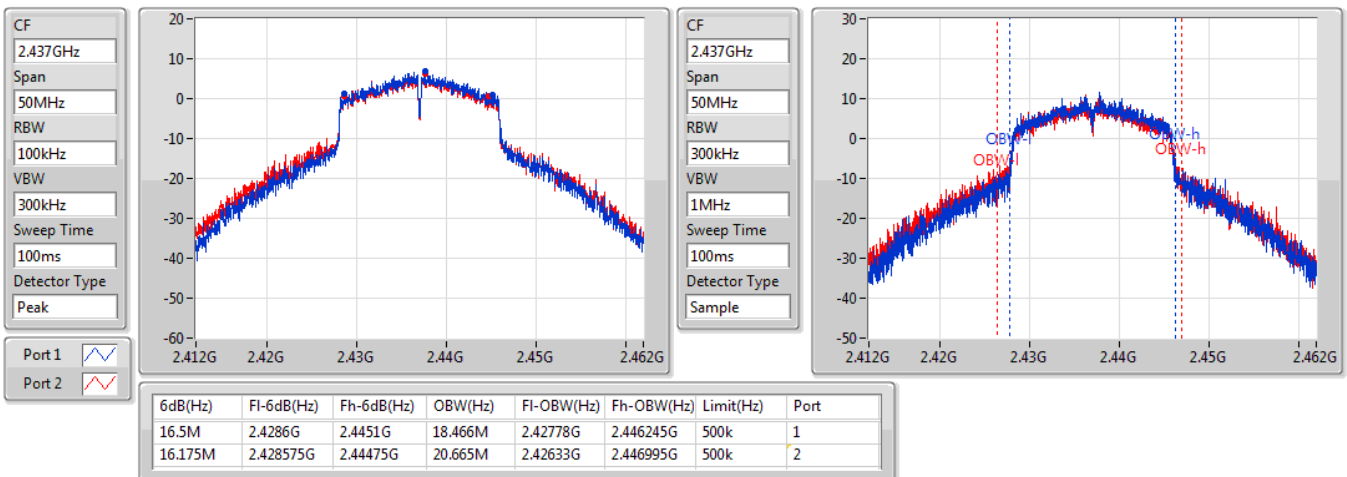


**VHT20\_Nss1,(MCS0)\_2TX**
**EBW**
**2412MHz**

01/02/2021

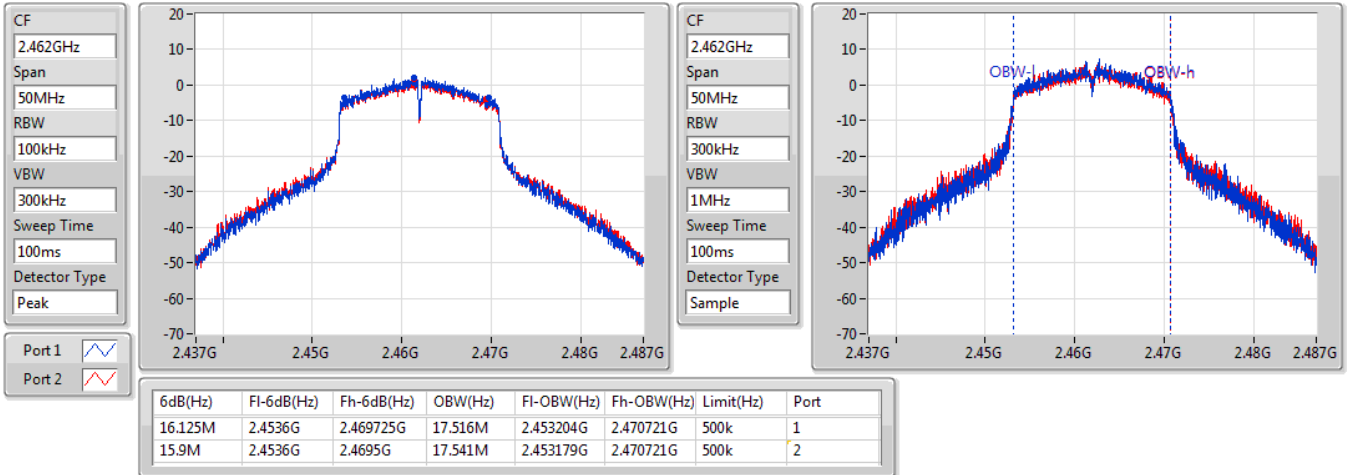

**VHT20\_Nss1,(MCS0)\_2TX**
**EBW**
**2437MHz**

01/02/2021

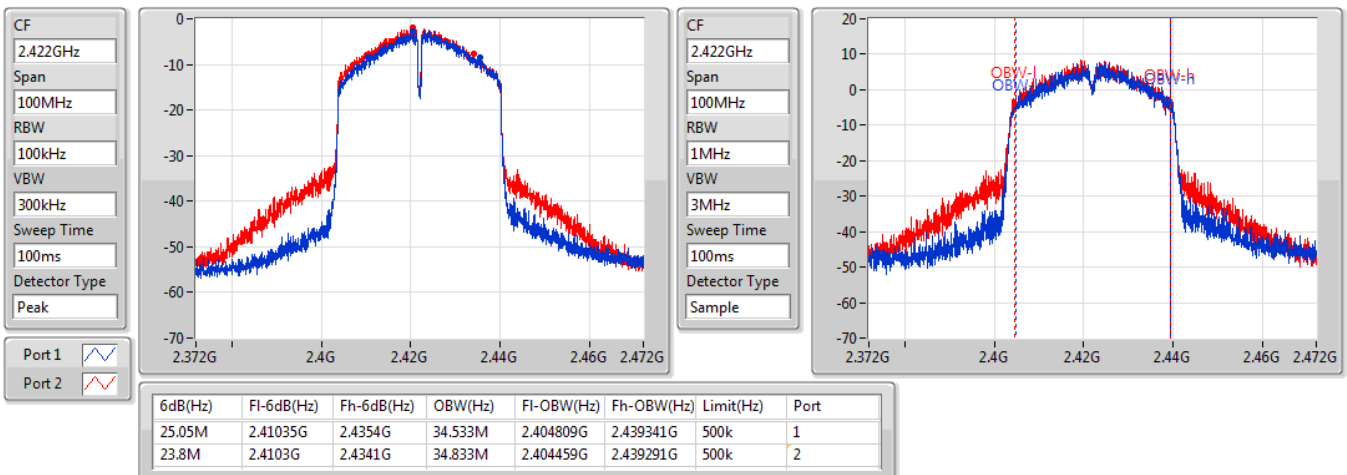


**VHT20\_Nss1,(MCS0)\_2TX**
**EBW**
**2462MHz**

01/02/2021

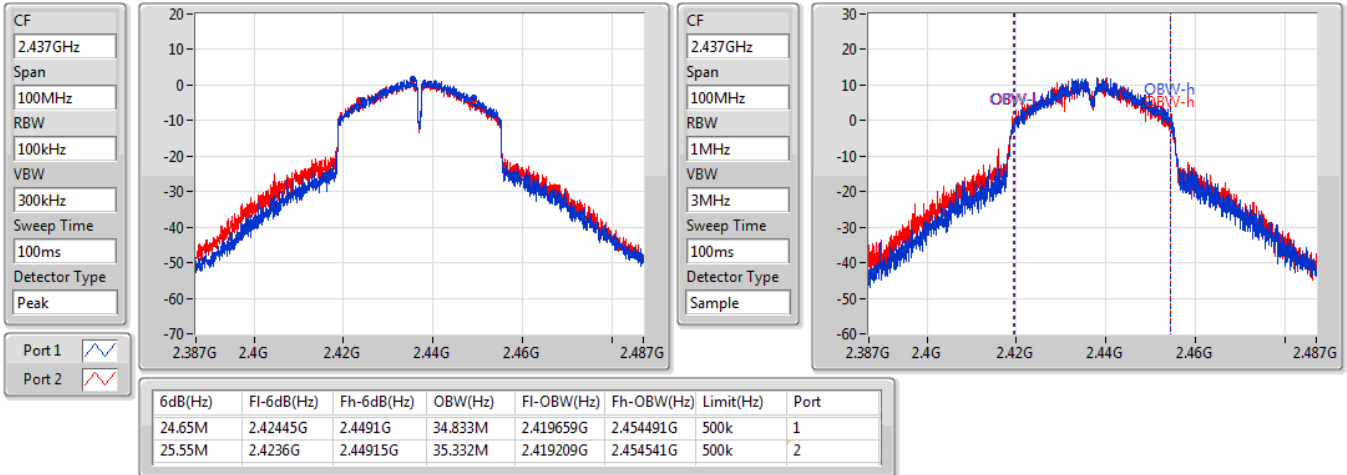

**VHT40\_Nss1,(MCS0)\_2TX**
**EBW**
**2422MHz**

01/02/2021

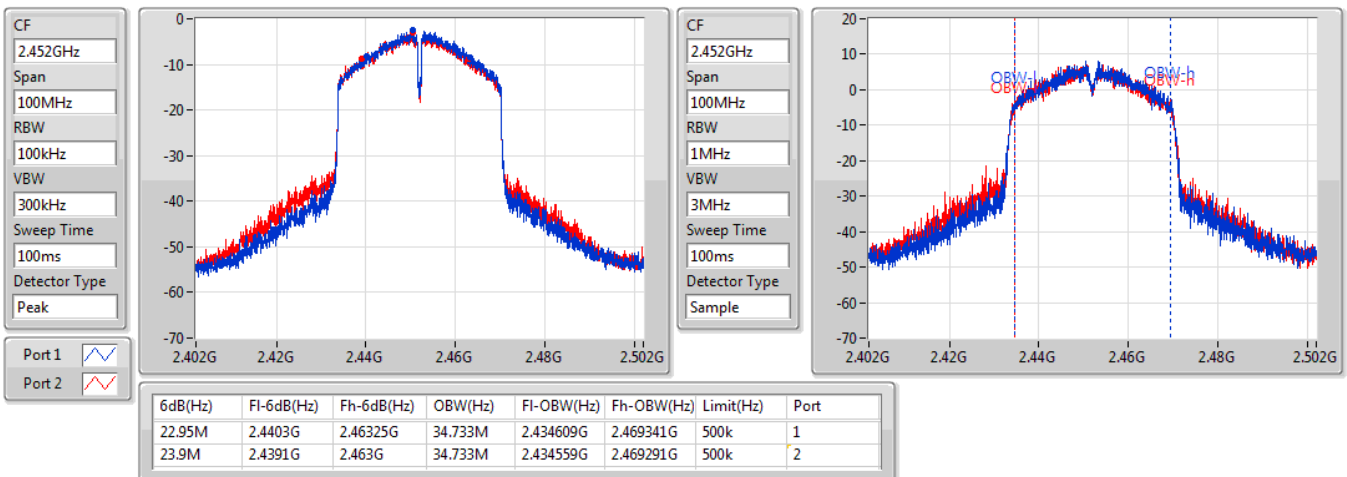


**VHT40\_Nss1,(MCS0)\_2TX**
**EBW**
**2437MHz**

01/02/2021


**VHT40\_Nss1,(MCS0)\_2TX**
**EBW**
**2452MHz**

01/02/2021





**Summary**

| Mode                     | Total Power<br>(dBm) | Total Power<br>(W) |
|--------------------------|----------------------|--------------------|
| 2.4-2.4835GHz            | -                    | -                  |
| 802.11b_Nss1,(1Mbps)_2TX | 22.16                | 0.16444            |
| 802.11g_Nss1,(6Mbps)_2TX | 23.03                | 0.20091            |
| VHT20_Nss1,(MCS0)_2TX    | 22.87                | 0.19364            |
| VHT40_Nss1,(MCS0)_2TX    | 20.93                | 0.12388            |

## Result

| Mode                     | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) |
|--------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|
| 802.11b_Nss1,(1Mbps)_2TX | -      | -           | -               | -               | -                    | -                    |
| 2412MHz_TnomVnom         | Pass   | 3.70        | 18.92           | 19.36           | 22.16                | 30.00                |
| 2437MHz_TnomVnom         | Pass   | 3.70        | 18.72           | 18.36           | 21.55                | 30.00                |
| 2462MHz_TnomVnom         | Pass   | 3.70        | 18.26           | 17.81           | 21.05                | 30.00                |
| 802.11g_Nss1,(6Mbps)_2TX | -      | -           | -               | -               | -                    | -                    |
| 2412MHz_TnomVnom         | Pass   | 3.70        | 15.85           | 16.70           | 19.31                | 30.00                |
| 2417MHz_TnomVnom         | Pass   | 3.70        | 19.90           | 19.70           | 22.81                | 30.00                |
| 2437MHz_TnomVnom         | Pass   | 3.70        | 20.30           | 19.72           | 23.03                | 30.00                |
| 2457MHz_TnomVnom         | Pass   | 3.70        | 18.75           | 18.17           | 21.48                | 30.00                |
| 2462MHz_TnomVnom         | Pass   | 3.70        | 15.37           | 14.99           | 18.19                | 30.00                |
| VHT20_Nss1,(MCS0)_2TX    | -      | -           | -               | -               | -                    | -                    |
| 2412MHz_TnomVnom         | Pass   | 3.70        | 14.95           | 15.92           | 18.47                | 30.00                |
| 2417MHz_TnomVnom         | Pass   | 3.70        | 19.09           | 19.05           | 22.08                | 30.00                |
| 2437MHz_TnomVnom         | Pass   | 3.70        | 20.14           | 19.56           | 22.87                | 30.00                |
| 2457MHz_TnomVnom         | Pass   | 3.70        | 18.59           | 17.97           | 21.30                | 30.00                |
| 2462MHz_TnomVnom         | Pass   | 3.70        | 16.03           | 15.54           | 18.80                | 30.00                |
| VHT40_Nss1,(MCS0)_2TX    | -      | -           | -               | -               | -                    | -                    |
| 2422MHz_TnomVnom         | Pass   | 3.70        | 13.56           | 14.25           | 16.93                | 30.00                |
| 2427MHz_TnomVnom         | Pass   | 3.70        | 15.51           | 15.79           | 18.66                | 30.00                |
| 2437MHz_TnomVnom         | Pass   | 3.70        | 18.06           | 17.78           | 20.93                | 30.00                |
| 2447MHz_TnomVnom         | Pass   | 3.70        | 15.36           | 15.10           | 18.24                | 30.00                |
| 2452MHz_TnomVnom         | Pass   | 3.70        | 13.68           | 13.39           | 16.55                | 30.00                |

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



**Summary**

| Mode                     | Total Power<br>(dBm) | Total Power<br>(W) |
|--------------------------|----------------------|--------------------|
| 2.4-2.4835GHz            | -                    | -                  |
| VHT20-BF_Nss1,(MCS0)_2TX | 19.86                | 0.09683            |
| VHT40-BF_Nss1,(MCS0)_2TX | 17.92                | 0.06194            |

**Result**

| Mode                     | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) |
|--------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|
| VHT20-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    |
| 2412MHz_TnomVnom         | Pass   | 6.71        | 11.94           | 12.91           | 15.46                | 29.29                |
| 2417MHz_TnomVnom         | Pass   | 6.71        | 16.08           | 16.04           | 19.07                | 29.29                |
| 2437MHz_TnomVnom         | Pass   | 6.71        | 17.13           | 16.55           | 19.86                | 29.29                |
| 2457MHz_TnomVnom         | Pass   | 6.71        | 15.58           | 14.96           | 18.29                | 29.29                |
| 2462MHz_TnomVnom         | Pass   | 6.71        | 13.02           | 12.53           | 15.79                | 29.29                |
| VHT40-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    |
| 2422MHz_TnomVnom         | Pass   | 6.71        | 10.55           | 11.24           | 13.92                | 29.29                |
| 2427MHz_TnomVnom         | Pass   | 6.71        | 12.50           | 12.78           | 15.65                | 29.29                |
| 2437MHz_TnomVnom         | Pass   | 6.71        | 15.05           | 14.77           | 17.92                | 29.29                |
| 2447MHz_TnomVnom         | Pass   | 6.71        | 12.35           | 12.09           | 15.23                | 29.29                |
| 2452MHz_TnomVnom         | Pass   | 6.71        | 10.67           | 10.38           | 13.54                | 29.29                |

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



**Summary**

| Mode                     | PD<br>(dBm/RBW) |
|--------------------------|-----------------|
| 2.4-2.4835GHz            | -               |
| 802.11b_Nss1,(1Mbps)_2TX | -10.07          |
| 802.11g_Nss1,(6Mbps)_2TX | -6.37           |
| VHT20_Nss1,(MCS0)_2TX    | -4.77           |
| VHT40_Nss1,(MCS0)_2TX    | -9.64           |

RBW = 3kHz;

**Result**

| Mode                     | Result | DG<br>(dBi) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) |
|--------------------------|--------|-------------|---------------------|---------------------|-----------------|-----------------------|
| 802.11b_Nss1,(1Mbps)_2TX | -      | -           | -                   | -                   | -               | -                     |
| 2412MHz_TnomVnom         | Pass   | 6.71        | -13.12              | -12.82              | -10.07          | 7.29                  |
| 2437MHz_TnomVnom         | Pass   | 6.71        | -13.37              | -13.70              | -10.65          | 7.29                  |
| 2462MHz_TnomVnom         | Pass   | 6.71        | -13.93              | -14.49              | -11.21          | 7.29                  |
| 802.11g_Nss1,(6Mbps)_2TX | -      | -           | -                   | -                   | -               | -                     |
| 2412MHz_TnomVnom         | Pass   | 6.71        | -12.95              | -11.97              | -9.72           | 7.29                  |
| 2437MHz_TnomVnom         | Pass   | 6.71        | -8.46               | -9.07               | -6.37           | 7.29                  |
| 2462MHz_TnomVnom         | Pass   | 6.71        | -13.40              | -14.17              | -10.91          | 7.29                  |
| VHT20_Nss1,(MCS0)_2TX    | -      | -           | -                   | -                   | -               | -                     |
| 2412MHz_TnomVnom         | Pass   | 6.71        | -13.76              | -12.54              | -10.21          | 7.29                  |
| 2437MHz_TnomVnom         | Pass   | 6.71        | -7.52               | -8.06               | -4.77           | 7.29                  |
| 2462MHz_TnomVnom         | Pass   | 6.71        | -12.52              | -13.55              | -10.00          | 7.29                  |
| VHT40_Nss1,(MCS0)_2TX    | -      | -           | -                   | -                   | -               | -                     |
| 2422MHz_TnomVnom         | Pass   | 6.71        | -16.67              | -15.79              | -13.23          | 7.29                  |
| 2437MHz_TnomVnom         | Pass   | 6.71        | -11.98              | -12.00              | -9.64           | 7.29                  |
| 2452MHz_TnomVnom         | Pass   | 6.71        | -14.71              | -16.77              | -13.89          | 7.29                  |

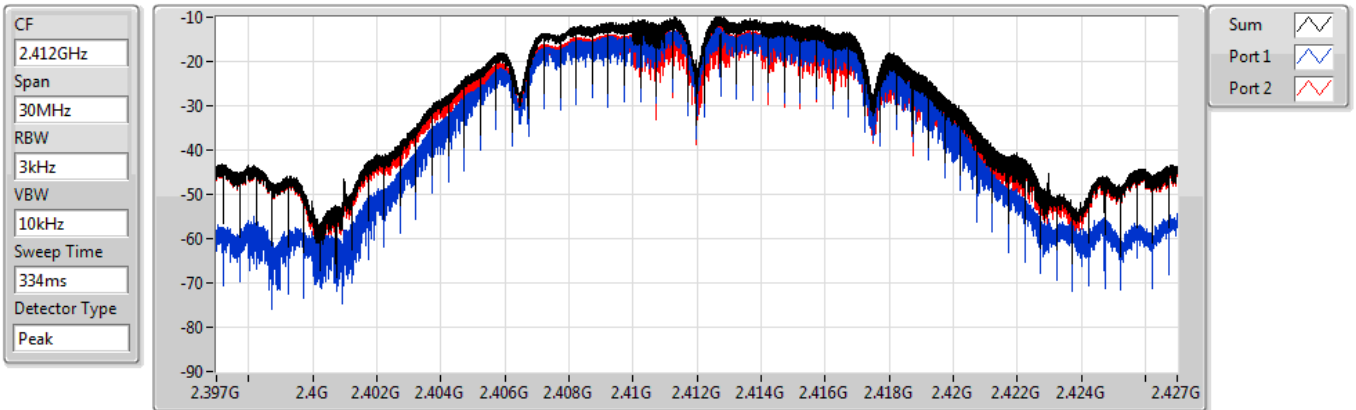
DG = Directional Gain; RBW = 3kHz;  
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

## 802.11b\_Nss1,(1Mbps)\_2TX

## PSD

2412MHz

01/02/2021

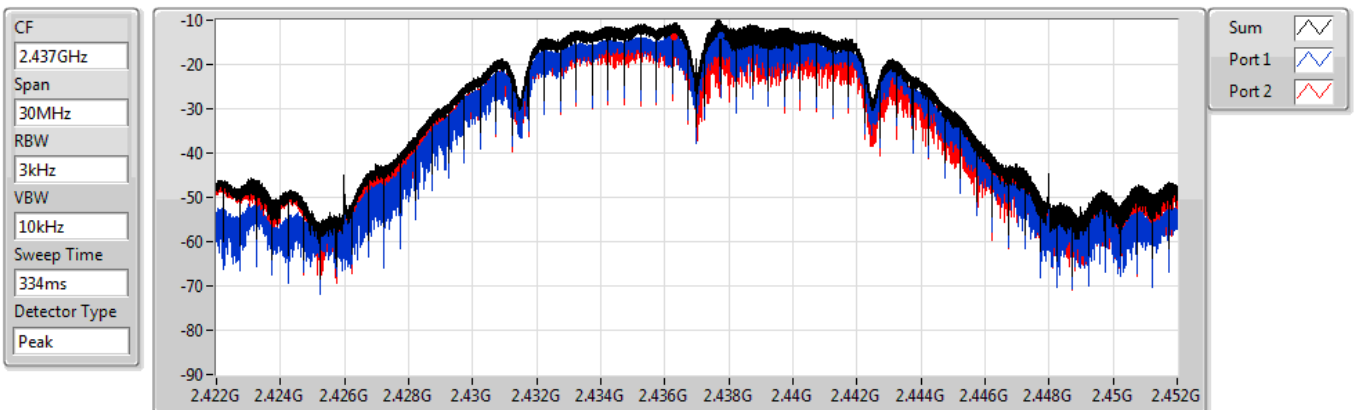


## 802.11b\_Nss1,(1Mbps)\_2TX

## PSD

2437MHz

01/02/2021

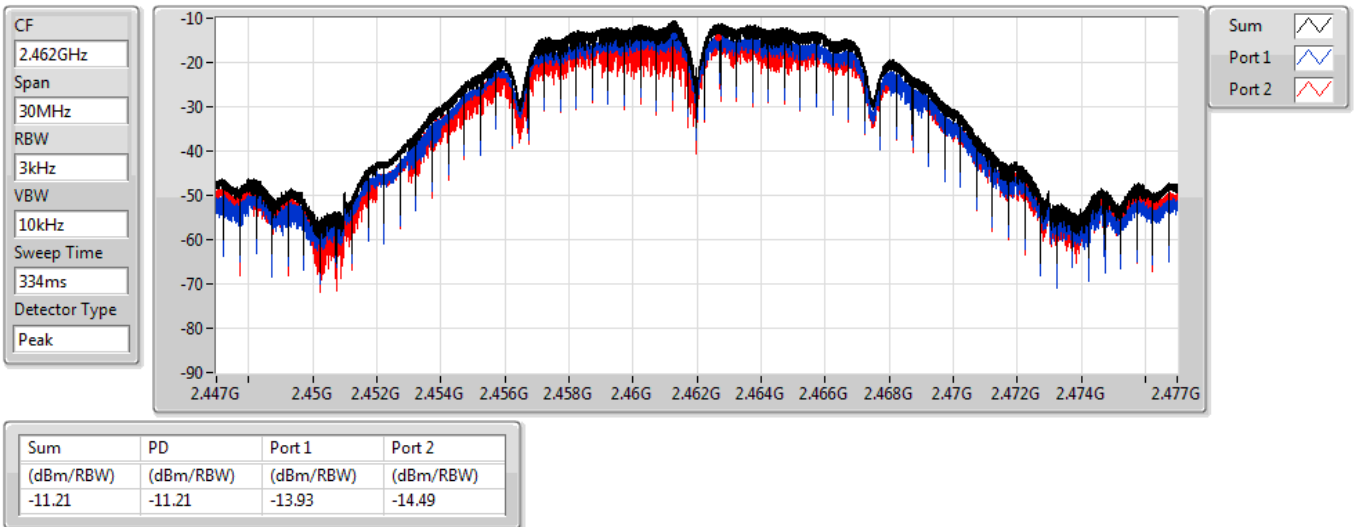


## 802.11b\_Nss1,(1Mbps)\_2TX

2462MHz

PSD

01/02/2021

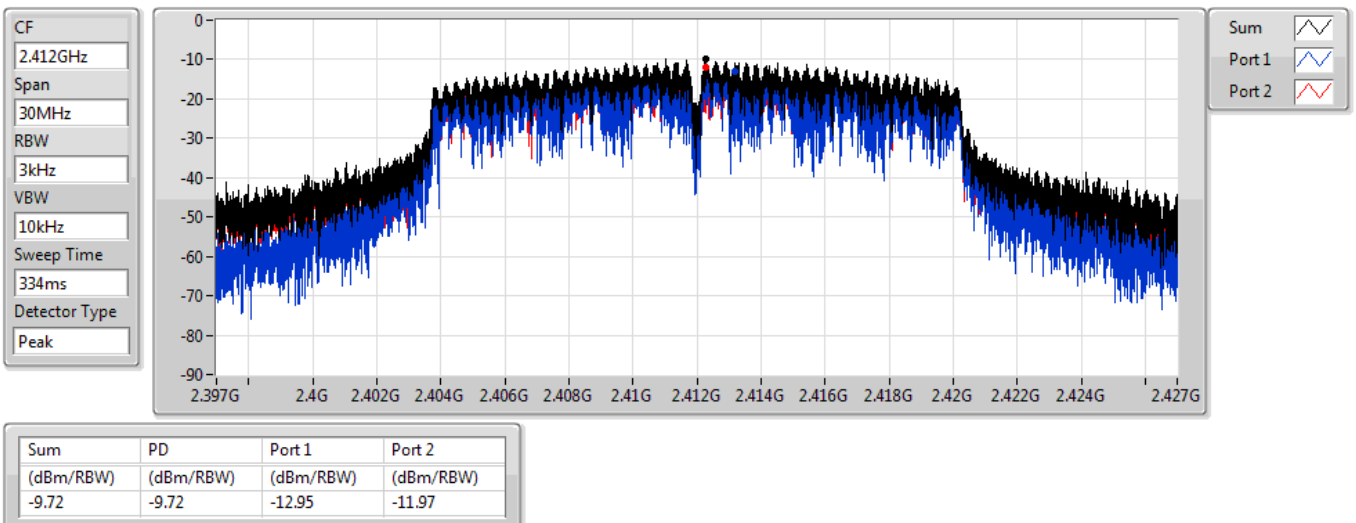


## 802.11g\_Nss1,(6Mbps)\_2TX

2412MHz

PSD

01/02/2021

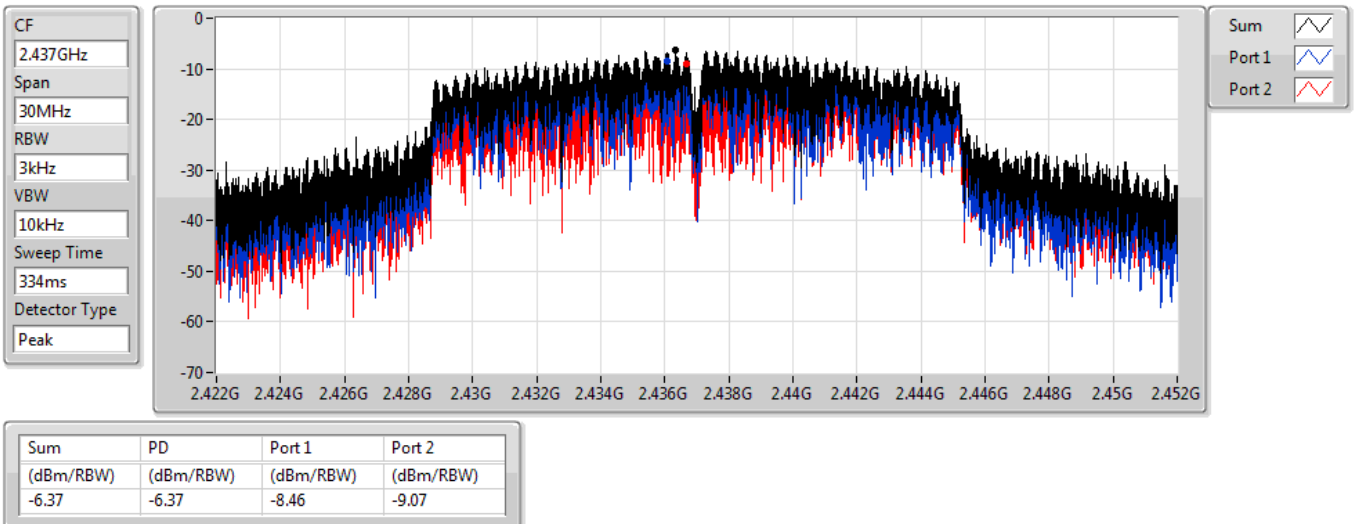


## 802.11g\_Nss1,(6Mbps)\_2TX

2437MHz

PSD

01/02/2021

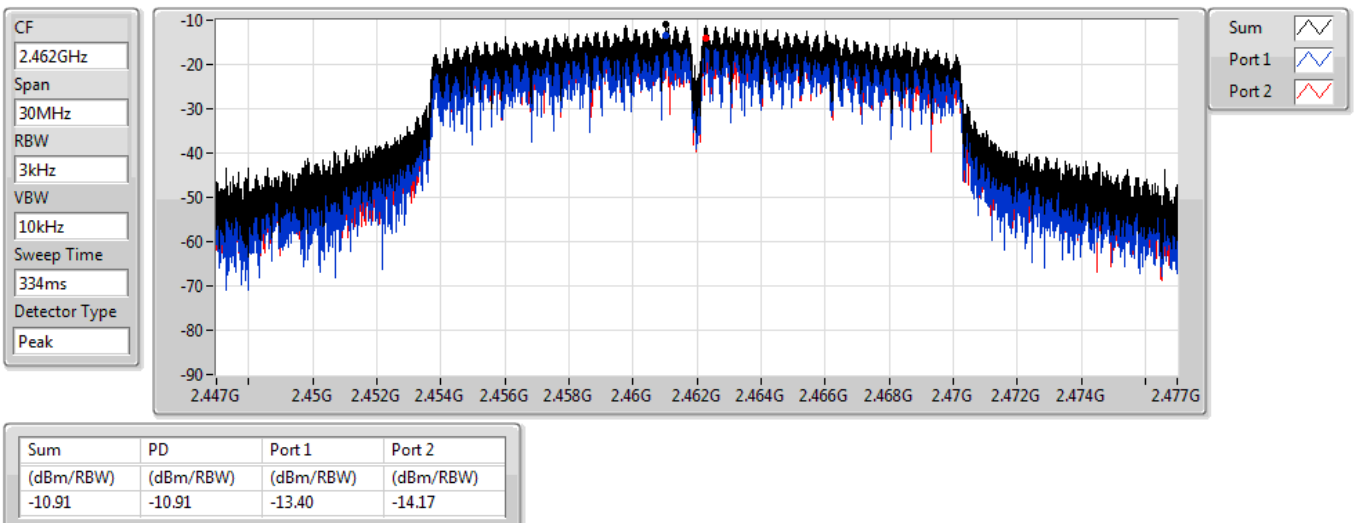


## 802.11g\_Nss1,(6Mbps)\_2TX

2462MHz

PSD

01/02/2021

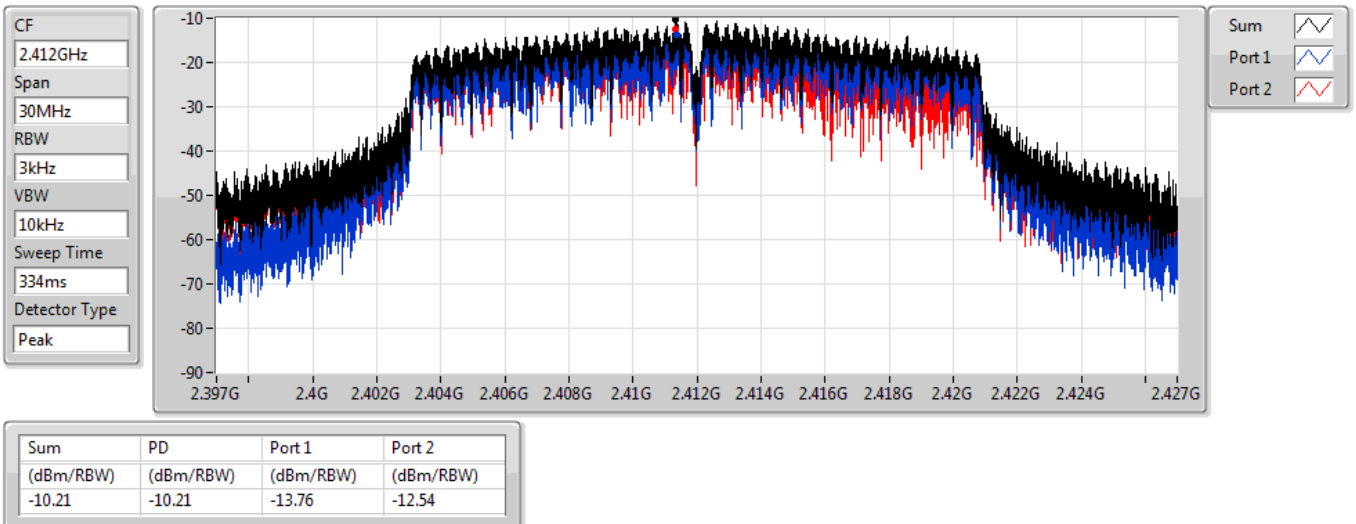


## VHT20\_Nss1,(MCS0)\_2TX

## PSD

2412MHz

01/02/2021

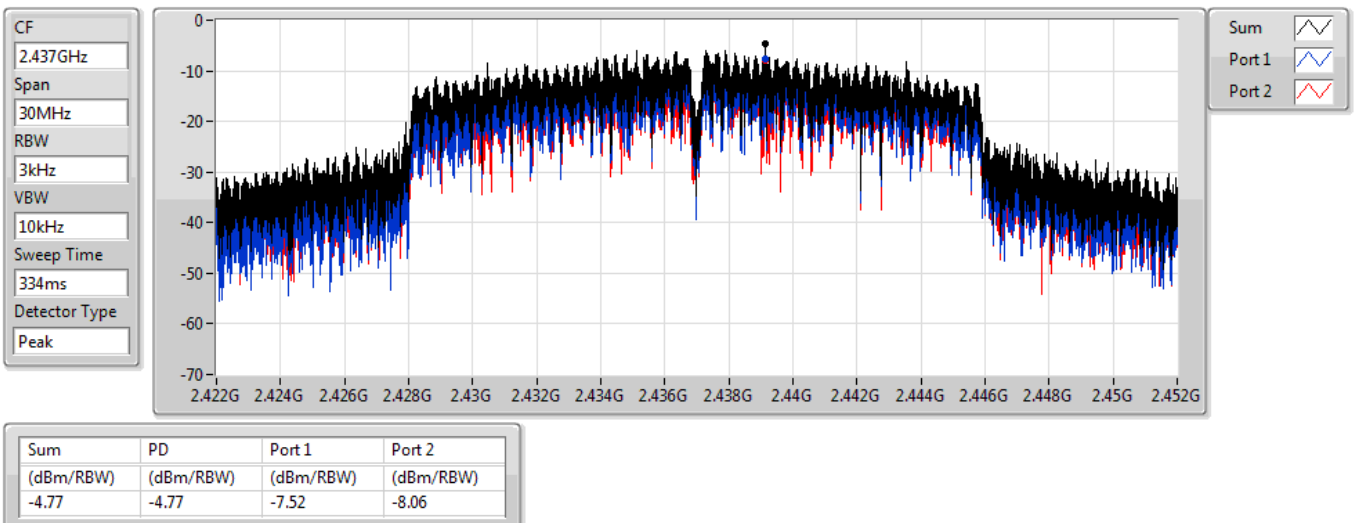


## VHT20\_Nss1,(MCS0)\_2TX

## PSD

2437MHz

01/02/2021

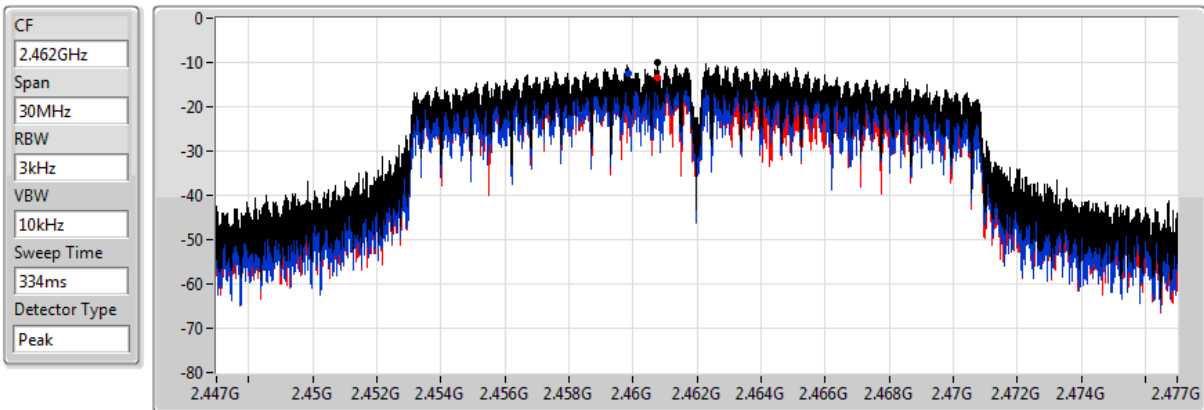


## VHT20\_Nss1,(MCS0)\_2TX

2462MHz

PSD

01/02/2021



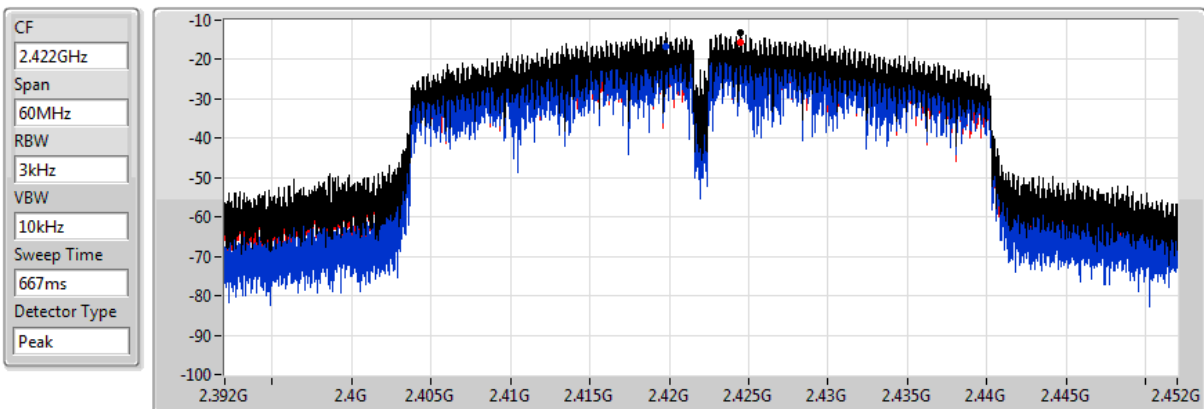
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -10.00   | -10.00   | -12.52   | -13.55   |

## VHT40\_Nss1,(MCS0)\_2TX

2422MHz

PSD

01/02/2021



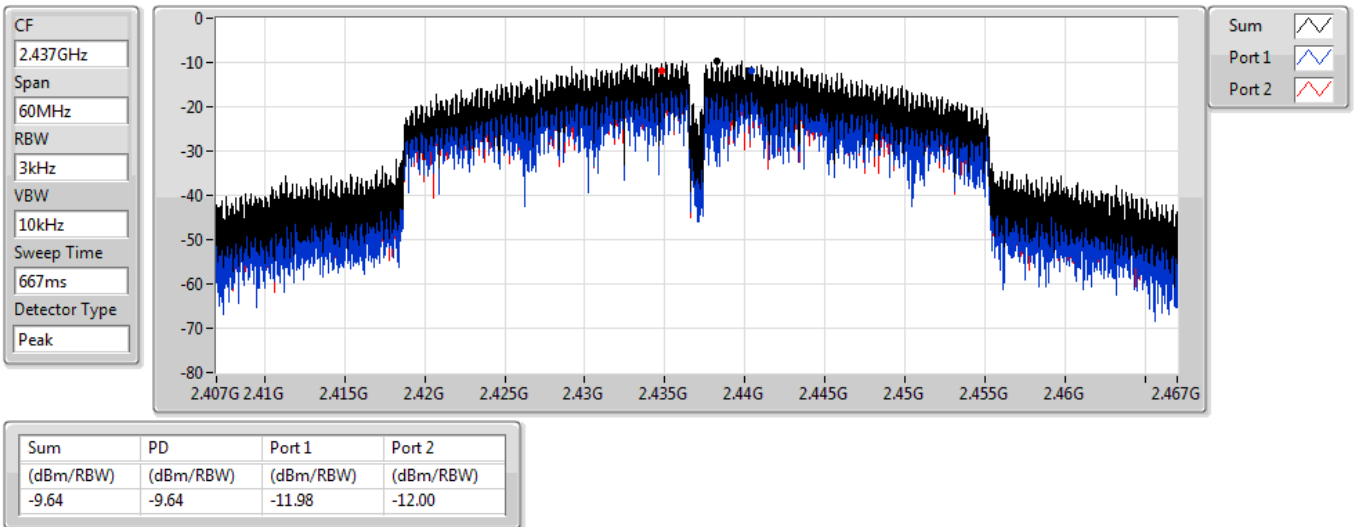
| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -13.23   | -13.23   | -16.67   | -15.79   |

## VHT40\_Nss1,(MCS0)\_2TX

2437MHz

PSD

01/02/2021

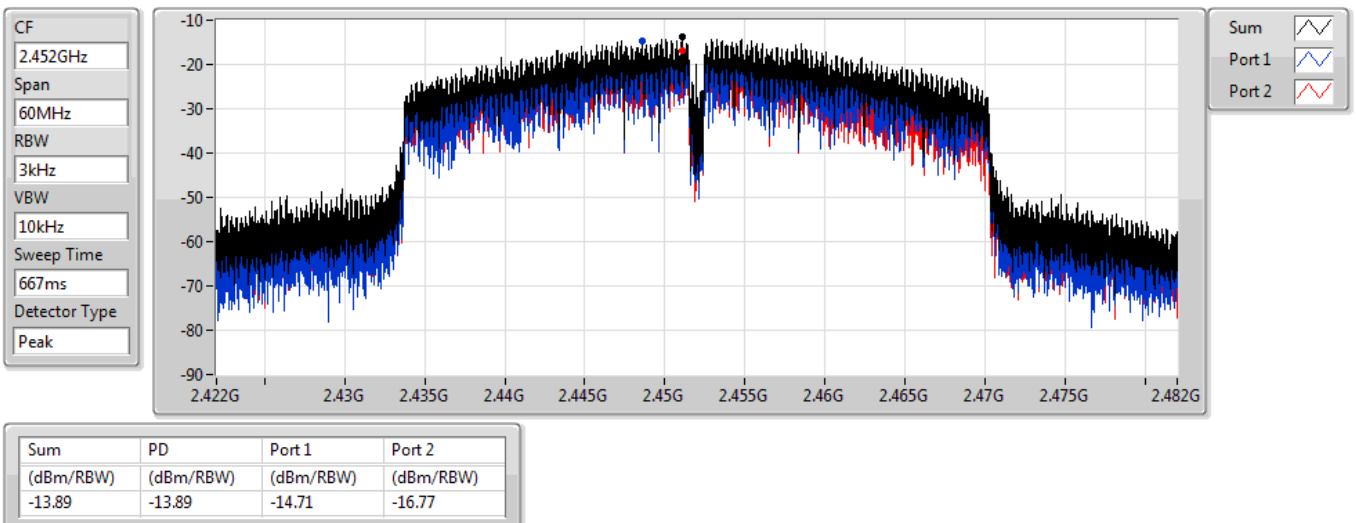


## VHT40\_Nss1,(MCS0)\_2TX

2452MHz

PSD

01/02/2021





Summary

| Mode                     | Result | Ref<br>(Hz) | Ref<br>(dBm) | Limit<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Port |
|--------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 2.4-2.4835GHz            | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 802.11b_Nss1,(1Mbps)_2TX | Pass   | 2.41349G    | 7.44         | -22.56         | 2.30816G     | -54.42         | 2.39698G     | -22.96         | 2.4G         | -34.57         | 2.493G       | -50.85         | 24.95786G    | -40.28         | 2    |
| 802.11g_Nss1,(6Mbps)_2TX | Pass   | 2.43636G    | 6.62         | -23.38         | 2.30233G     | -54.18         | 2.3992G      | -23.54         | 2.4G         | -25.03         | 2.49414G     | -50.81         | 23.55308G    | -41.08         | 2    |
| VHT20_Nss1,(MCS0)_2TX    | Pass   | 2.43762G    | 6.45         | -23.55         | 2.30845G     | -53.06         | 2.39988G     | -24.44         | 2.4G         | -27.87         | 2.4844G      | -50.43         | 23.19626G    | -41.32         | 2    |
| VHT40_Nss1,(MCS0)_2TX    | Pass   | 2.43549G    | 1.89         | -28.11         | 2.30855G     | -54.43         | 2.39924G     | -31.66         | 2.4G         | -34.78         | 2.48418G     | -44.33         | 23.31446G    | -41.23         | 2    |

## Result

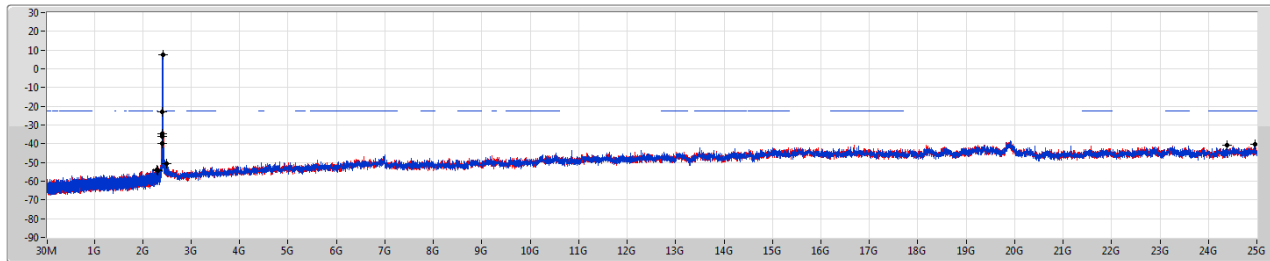
| Mode                     | Result | Ref (Hz) | Ref (dBm) | Limit (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Freq (Hz) | Level (dBm) | Port |
|--------------------------|--------|----------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|------|
| 802.11b_Nss1,(1Mbps)_2TX | -      | -        | -         | -           | -         | -           | -         | -           | -         | -           | -         | -           | -         | -           | -    |
| 2412MHz_TnomVnom         | Pass   | 2.41349G | 7.44      | -22.56      | 2.30029G  | -54.11      | 2.39802G  | -35.98      | 2.4G      | -39.64      | 2.48618G  | -50.85      | 24.38471G | -40.81      | 1    |
| 2412MHz_TnomVnom         | Pass   | 2.41349G | 7.44      | -22.56      | 2.30816G  | -54.42      | 2.39698G  | -22.96      | 2.4G      | -34.57      | 2.493G    | -50.85      | 24.95786G | -40.28      | 2    |
| 2437MHz_TnomVnom         | Pass   | 2.41349G | 7.44      | -22.56      | 2.12147G  | -53.65      | 2.39768G  | -52.14      | 2.4835G   | -52.80      | 2.51404G  | -50.44      | 24.90728G | -40.24      | 1    |
| 2437MHz_TnomVnom         | Pass   | 2.41349G | 7.44      | -22.56      | 2.11448G  | -54.59      | 2.39274G  | -51.65      | 2.4G      | -54.03      | 2.48416G  | -49.95      | 24.92414G | -40.88      | 2    |
| 2462MHz_TnomVnom         | Pass   | 2.41349G | 7.44      | -22.56      | 2.14127G  | -54.31      | 2.3949G   | -51.59      | 2.4835G   | -45.05      | 2.48398G  | -45.22      | 17.27932G | -41.02      | 1    |
| 2462MHz_TnomVnom         | Pass   | 2.41349G | 7.44      | -22.56      | 2.13982G  | -54.48      | 2.39098G  | -51.59      | 2.4835G   | -47.45      | 2.48788G  | -46.80      | 24.80895G | -40.90      | 2    |
| 802.11g_Nss1,(6Mbps)_2TX | -      | -        | -         | -           | -         | -           | -         | -           | -         | -           | -         | -           | -         | -           | -    |
| 2412MHz_TnomVnom         | Pass   | 2.43636G | 6.62      | -23.38      | 2.30029G  | -54.40      | 2.39966G  | -29.50      | 2.4G      | -30.74      | 2.4851G   | -50.60      | 24.941G   | -40.49      | 1    |
| 2412MHz_TnomVnom         | Pass   | 2.43636G | 6.62      | -23.38      | 2.30233G  | -54.18      | 2.3992G   | -23.54      | 2.4G      | -25.03      | 2.49414G  | -50.81      | 23.55308G | -41.08      | 2    |
| 2437MHz_TnomVnom         | Pass   | 2.43636G | 6.62      | -23.38      | 2.15059G  | -55.54      | 2.3969G   | -48.23      | 2.4G      | -50.67      | 2.48466G  | -50.43      | 24.92133G | -40.14      | 1    |
| 2437MHz_TnomVnom         | Pass   | 2.43636G | 6.62      | -23.38      | 2.30262G  | -54.78      | 2.39982G  | -48.09      | 2.4G      | -48.72      | 2.48462G  | -48.62      | 16.23136G | -41.04      | 2    |
| 2462MHz_TnomVnom         | Pass   | 2.43636G | 6.62      | -23.38      | 2.08826G  | -53.62      | 2.39966G  | -51.60      | 2.4835G   | -47.61      | 2.48352G  | -45.45      | 16.98994G | -41.01      | 1    |
| 2462MHz_TnomVnom         | Pass   | 2.43636G | 6.62      | -23.38      | 2.30961G  | -54.33      | 2.39806G  | -50.32      | 2.4835G   | -46.70      | 2.48388G  | -44.39      | 23.28617G | -41.56      | 2    |
| VHT20_Nss1,(MCS0)_2TX    | -      | -        | -         | -           | -         | -           | -         | -           | -         | -           | -         | -           | -         | -           | -    |
| 2412MHz_TnomVnom         | Pass   | 2.43762G | 6.45      | -23.55      | 2.30612G  | -54.62      | 2.39986G  | -33.02      | 2.4G      | -35.30      | 2.48384G  | -51.28      | 24.81176G | -41.27      | 1    |
| 2412MHz_TnomVnom         | Pass   | 2.43762G | 6.45      | -23.55      | 2.30845G  | -53.06      | 2.39988G  | -24.44      | 2.4G      | -27.87      | 2.4844G   | -50.43      | 23.19626G | -41.32      | 2    |
| 2437MHz_TnomVnom         | Pass   | 2.43762G | 6.45      | -23.55      | 2.13661G  | -52.96      | 2.39986G  | -46.25      | 2.4G      | -50.28      | 2.48362G  | -49.55      | 24.51395G | -40.63      | 1    |
| 2437MHz_TnomVnom         | Pass   | 2.43762G | 6.45      | -23.55      | 2.30437G  | -53.73      | 2.39916G  | -45.88      | 2.4G      | -46.81      | 2.48662G  | -49.70      | 23.19626G | -41.59      | 2    |
| 2462MHz_TnomVnom         | Pass   | 2.43762G | 6.45      | -23.55      | 2.16049G  | -54.83      | 2.39514G  | -52.47      | 2.4835G   | -42.82      | 2.48416G  | -41.38      | 23.44069G | -41.19      | 1    |
| 2462MHz_TnomVnom         | Pass   | 2.43762G | 6.45      | -23.55      | 2.16807G  | -55.53      | 2.39304G  | -51.25      | 2.4835G   | -41.96      | 2.48384G  | -41.10      | 24.93257G | -40.97      | 2    |
| VHT40_Nss1,(MCS0)_2TX    | -      | -        | -         | -           | -         | -           | -         | -           | -         | -           | -         | -           | -         | -           | -    |
| 2422MHz_TnomVnom         | Pass   | 2.43549G | 1.89      | -28.11      | 2.10932G  | -54.46      | 2.3998G   | -44.25      | 2.4G      | -46.69      | 2.50342G  | -51.07      | 24.16985G | -40.31      | 1    |
| 2422MHz_TnomVnom         | Pass   | 2.43549G | 1.89      | -28.11      | 2.30655G  | -54.45      | 2.39788G  | -33.32      | 2.4G      | -38.13      | 2.54454G  | -51.70      | 24.89062G | -41.59      | 2    |
| 2437MHz_TnomVnom         | Pass   | 2.43549G | 1.89      | -28.11      | 2.30683G  | -55.07      | 2.39848G  | -37.18      | 2.4G      | -38.26      | 2.48406G  | -45.66      | 21.91218G | -40.98      | 1    |
| 2437MHz_TnomVnom         | Pass   | 2.43549G | 1.89      | -28.11      | 2.30855G  | -54.43      | 2.39924G  | -31.66      | 2.4G      | -34.78      | 2.48418G  | -44.33      | 23.31446G | -41.23      | 2    |
| 2452MHz_TnomVnom         | Pass   | 2.43549G | 1.89      | -28.11      | 2.08842G  | -54.74      | 2.39168G  | -52.36      | 2.4835G   | -46.42      | 2.4835G   | -42.64      | 24.88221G | -40.75      | 1    |
| 2452MHz_TnomVnom         | Pass   | 2.43549G | 1.89      | -28.11      | 2.3097G   | -54.57      | 2.3992G   | -51.43      | 2.4835G   | -43.75      | 2.48354G  | -41.91      | 24.47555G | -40.63      | 2    |

## 802.11b\_Nss1,(1Mbps)\_2TX

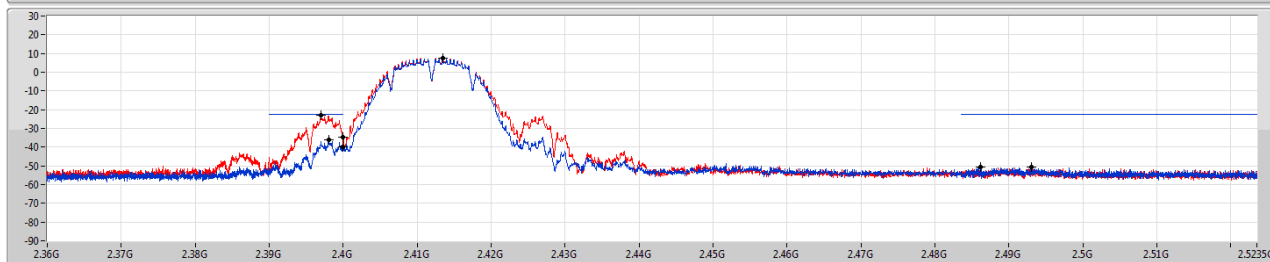
2412MHz

CSENdB

01.02.2021



Port 1  
Port 2



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

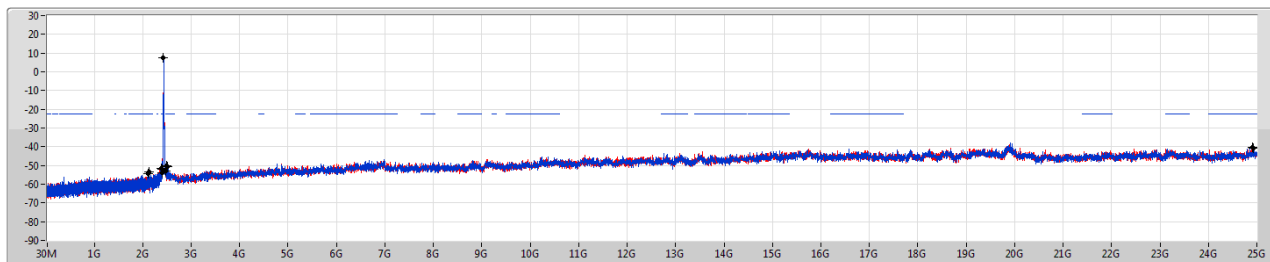
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.41349G | 7.44     | -22.56     | 2.30029G | -54.11     | 2.39802G | -35.98     | 2.4G     | -39.64     | 2.48618G | -50.85     | 24.38471G | -40.81     | 1    |
| 2.41349G | 7.44     | -22.56     | 2.30816G | -54.42     | 2.39698G | -22.96     | 2.4G     | -34.57     | 2.493G   | -50.85     | 24.95786G | -40.28     | 2    |

## 802.11b\_Nss1,(1Mbps)\_2TX

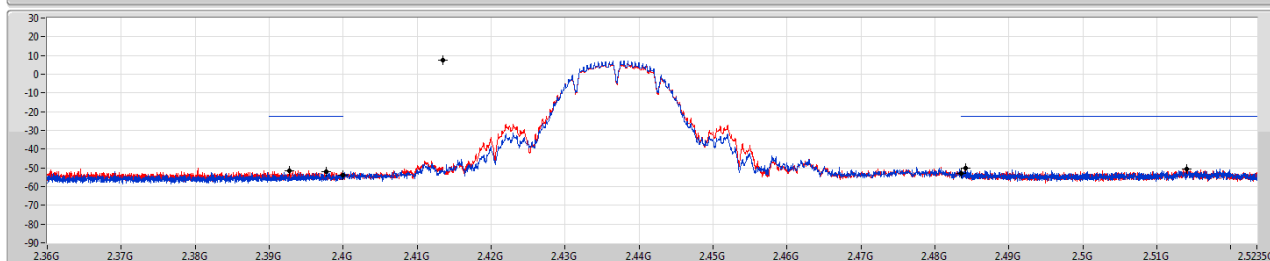
2437MHz

CSENdB

01.02.2021



Port 1  
Port 2



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

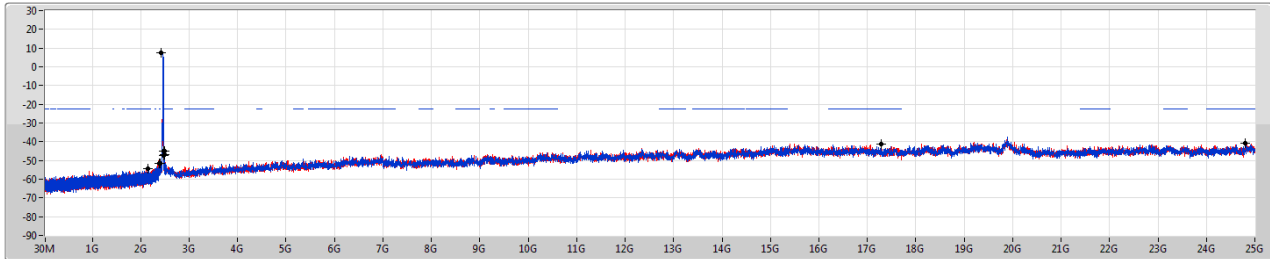
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.41349G | 7.44     | -22.56     | 2.12147G | -53.65     | 2.39768G | -52.14     | 2.4835G  | -52.80     | 2.51404G | -50.44     | 24.90728G | -40.24     | 1    |
| 2.41349G | 7.44     | -22.56     | 2.11448G | -54.59     | 2.39274G | -51.65     | 2.4G     | -54.03     | 2.48416G | -49.95     | 24.92414G | -40.88     | 2    |

## 802.11b\_Nss1,(1Mbps)\_2TX

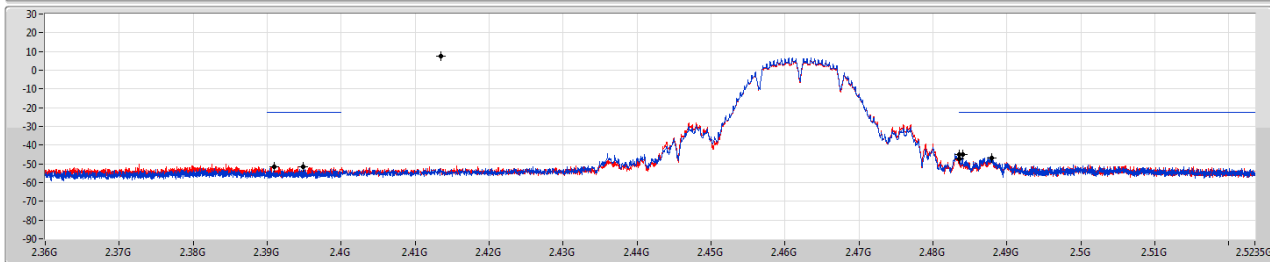
2462MHz

CSENdB

01/02/2021



Port 1  
Port 2



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

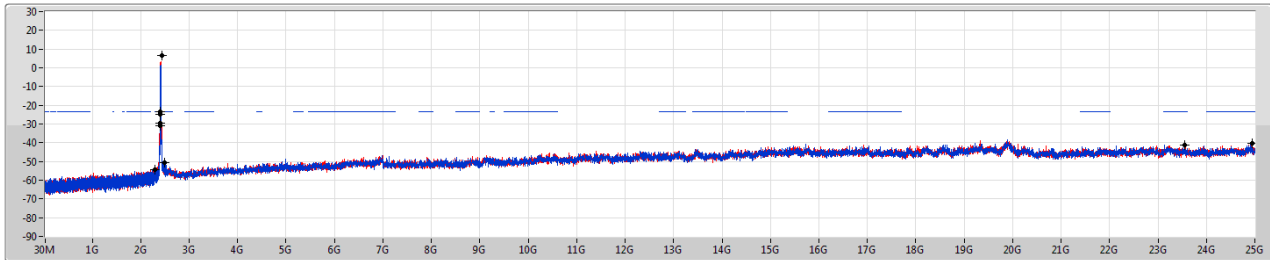
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.41349G | 7.44     | -22.56     | 2.41127G | -54.31     | 2.3949G  | -51.59     | 2.4835G  | -45.05     | 2.48398G | -45.22     | 17.27932G | -41.02     | 1    |
| 2.41349G | 7.44     | -22.56     | 2.13982G | -54.48     | 2.39098G | -51.59     | 2.4835G  | -47.45     | 2.48788G | -46.80     | 24.80895G | -40.90     | 2    |

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

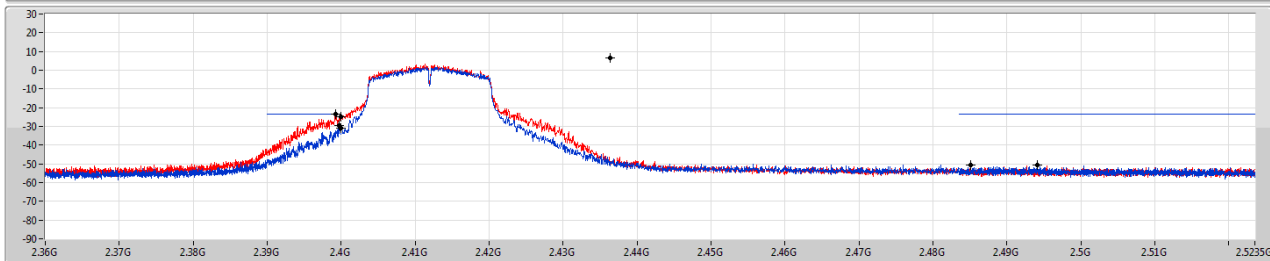
2412MHz

CSENdB

01/02/2021



Port 1  
Port 2



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

| 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 |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43636G | 6.62     | -23.38     | 2.30029G | -54.40     | 2.39966G | -29.50     | 2.4G     | -30.74     | 2.4851G  | -50.60     | 24.941G   | -40.49     | 1    |
| 2.43636G | 6.62     | -23.38     | 2.30233G | -54.18     | 2.3992G  | -23.54     | 2.4G     | -25.03     | 2.49414G | -50.81     | 23.55308G | -41.08     | 2    |

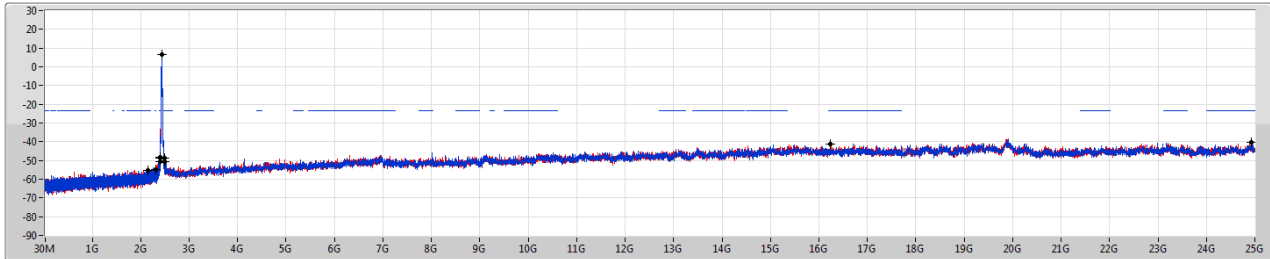
## 802.11g\_Nss1,(6Mbps)\_2TX

2437MHz

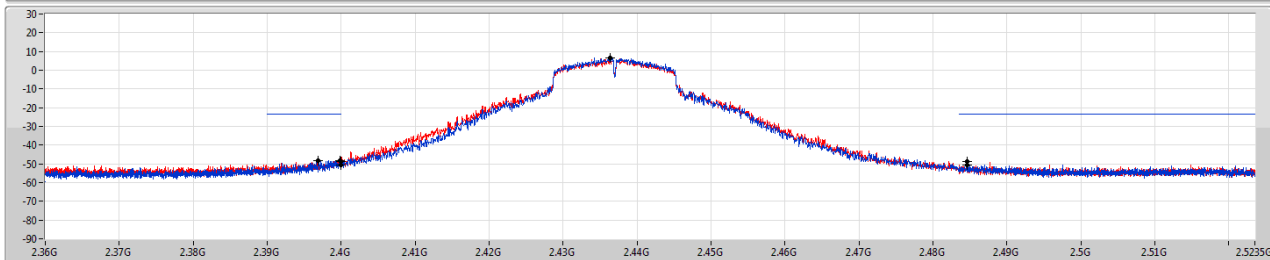
CSENdB

01/02/2021

Port 1   
Port 2 



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak



| 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 |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43636G | 6.62     | -23.38     | 2.15059G | -55.54     | 2.3969G  | -48.23     | 2.4G     | -50.67     | 2.48466G | -50.43     | 24.92133G | -40.14     | 1    |
| 2.43636G | 6.62     | -23.38     | 2.30262G | -54.78     | 2.39982G | -48.09     | 2.4G     | -48.72     | 2.48462G | -48.62     | 16.23136G | -41.04     | 2    |

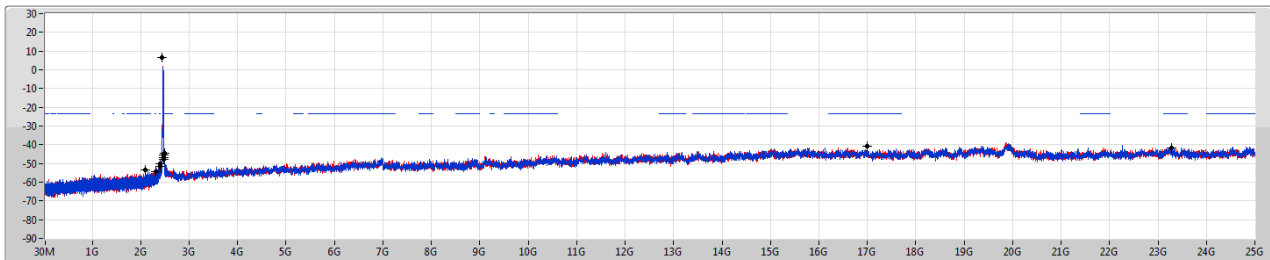
## 802.11g\_Nss1,(6Mbps)\_2TX

2462MHz

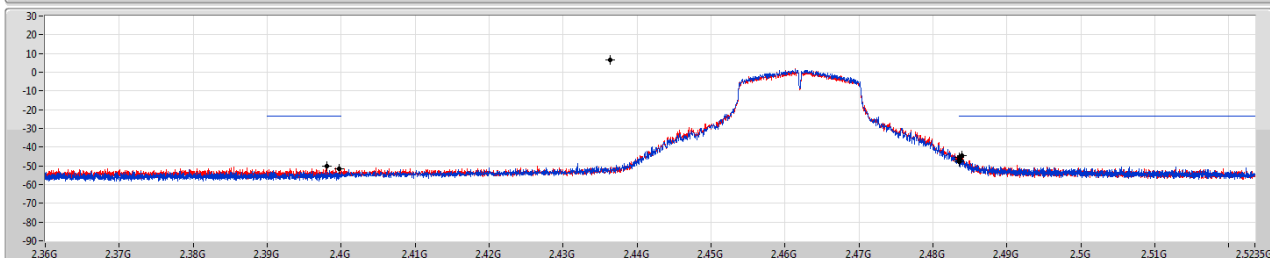
CSENdB

01/02/2021

Port 1   
Port 2 



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak



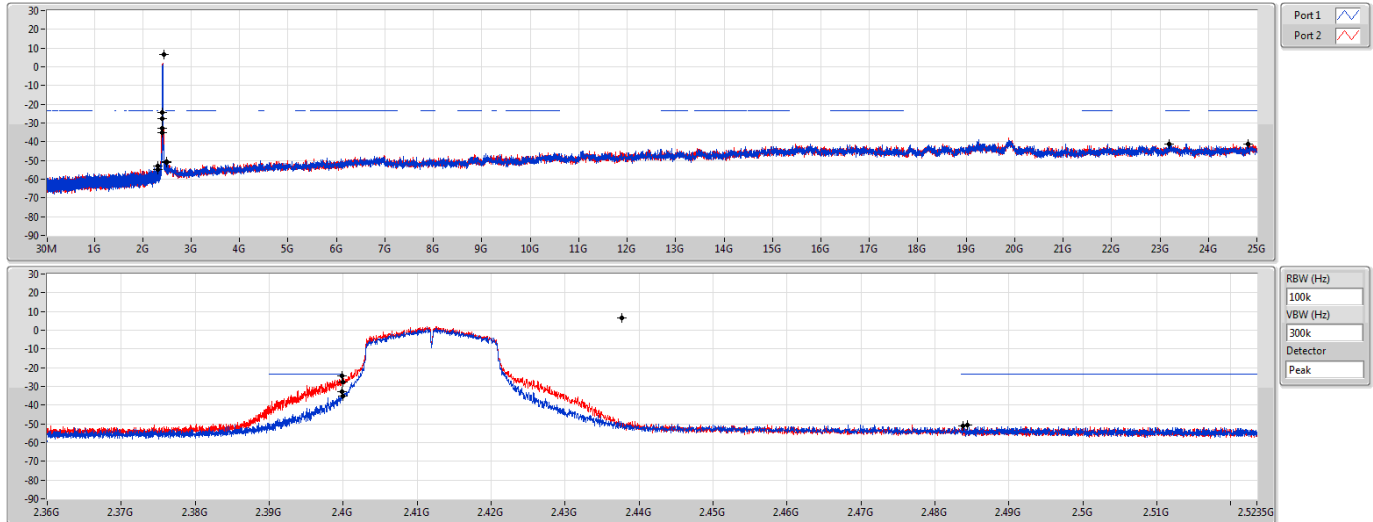
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43636G | 6.62     | -23.38     | 2.08826G | -53.62     | 2.39966G | -51.60     | 2.4835G  | -47.61     | 2.48352G | -45.45     | 16.98994G | -41.01     | 1    |
| 2.43636G | 6.62     | -23.38     | 2.30961G | -54.33     | 2.39806G | -50.32     | 2.4835G  | -46.70     | 2.48388G | -44.39     | 23.28617G | -41.56     | 2    |

VHT20\_Nss1,(MCS0)\_2TX

2412MHz

CSENdB

01/02/2021



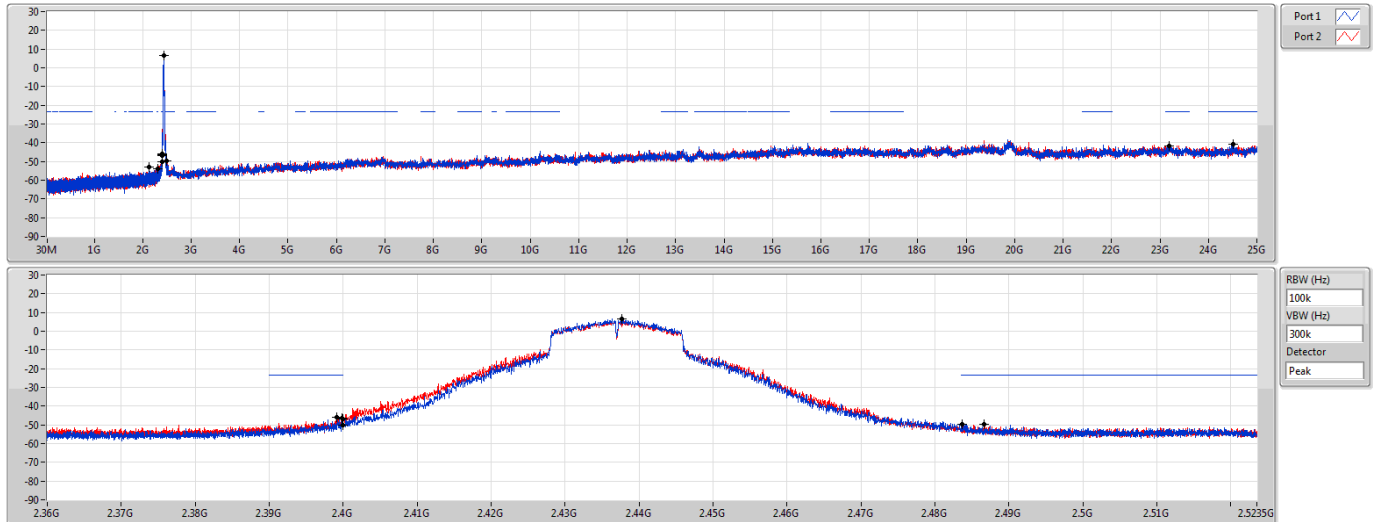
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43762G | 6.45     | -23.55     | 2.30612G | -54.62     | 2.39986G | -33.02     | 2.4G     | -35.30     | 2.48384G | -51.28     | 2.481176G | -41.27     | 1    |
| 2.43762G | 6.45     | -23.55     | 2.30845G | -53.06     | 2.39988G | -24.44     | 2.4G     | -27.87     | 2.4844G  | -50.43     | 2.319626G | -41.32     | 2    |

VHT20\_Nss1,(MCS0)\_2TX

2437MHz

CSENdB

01/02/2021



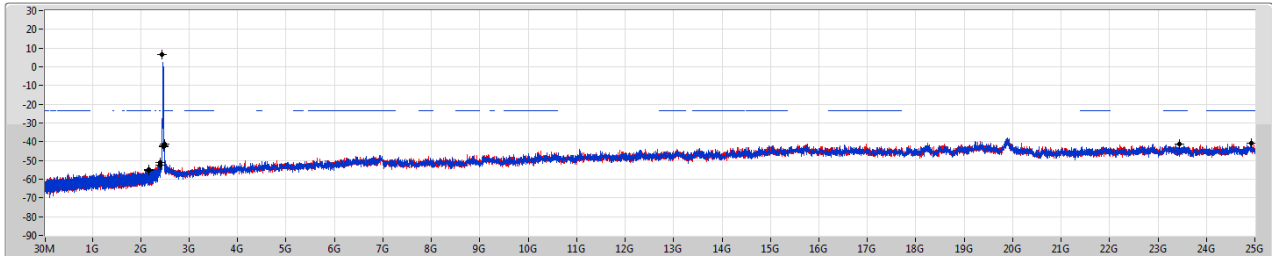
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43762G | 6.45     | -23.55     | 2.13661G | -52.96     | 2.39986G | -46.25     | 2.4G     | -50.28     | 2.48362G | -49.55     | 2.451395G | -40.63     | 1    |
| 2.43762G | 6.45     | -23.55     | 2.30437G | -53.73     | 2.39916G | -45.88     | 2.4G     | -46.81     | 2.48662G | -49.70     | 2.319626G | -41.59     | 2    |

## VHT20\_Nss1,(MCS0)\_2TX

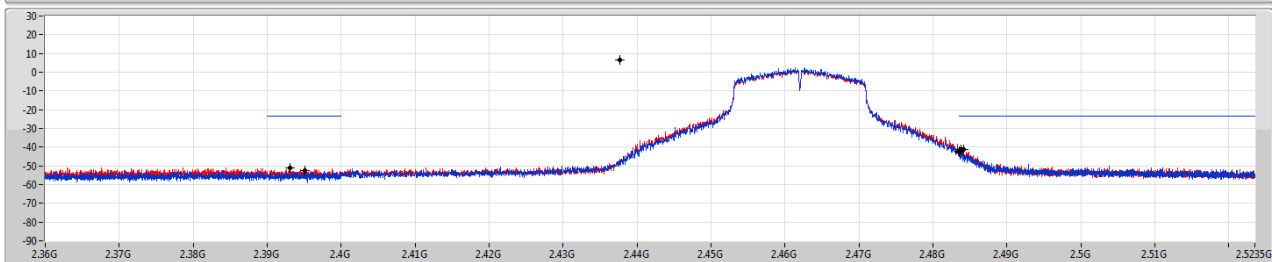
2462MHz

CSENdB

01/02/2021



Port 1  
Port 2



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

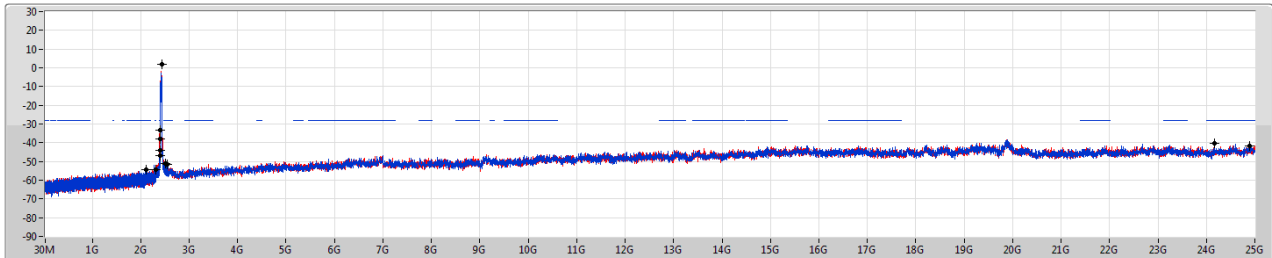
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43762G | 6.45     | -23.55     | 2.16049G | -54.83     | 2.39514G | -52.47     | 2.4835G  | -42.82     | 2.48416G | -41.38     | 2.44069G  | -41.19     | 1    |
| 2.43762G | 6.45     | -23.55     | 2.16807G | -55.53     | 2.39304G | -51.25     | 2.4835G  | -41.96     | 2.48384G | -41.10     | 2.493257G | -40.97     | 2    |

## VHT40\_Nss1,(MCS0)\_2TX

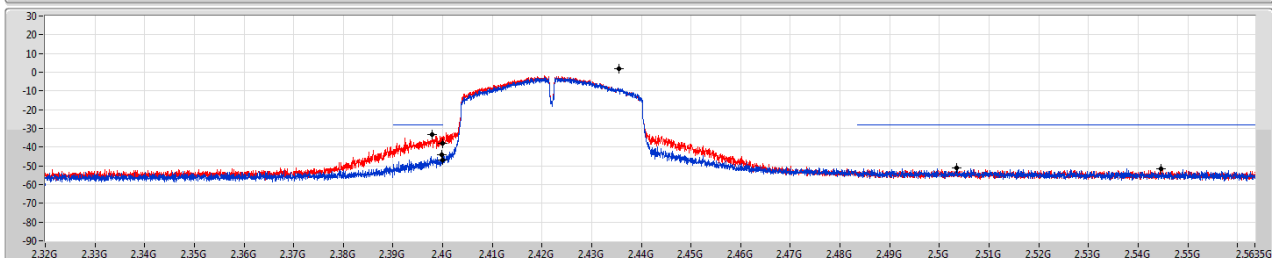
2422MHz

CSENdB

01/02/2021



Port 1  
Port 2



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

| 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 |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43549G | 1.89     | -28.11     | 2.10952G | -54.46     | 2.3998G  | -44.25     | 2.4G     | -46.69     | 2.50342G | -51.07     | 2.416985G | -40.31     | 1    |
| 2.43549G | 1.89     | -28.11     | 2.30655G | -54.45     | 2.39788G | -33.32     | 2.4G     | -38.13     | 2.54454G | -51.70     | 2.489062G | -41.59     | 2    |

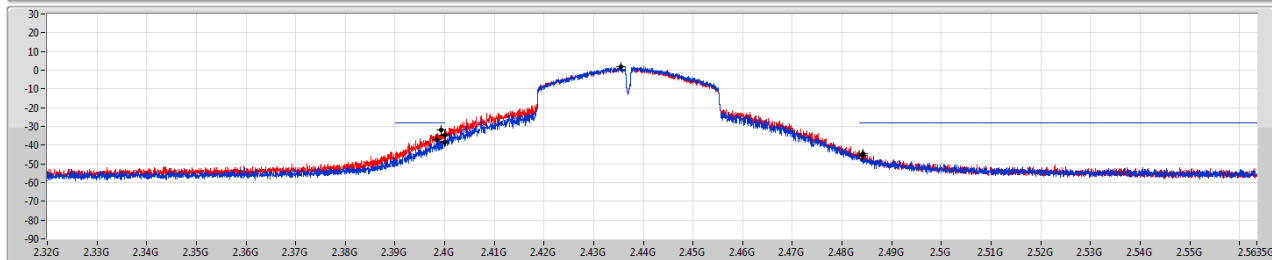
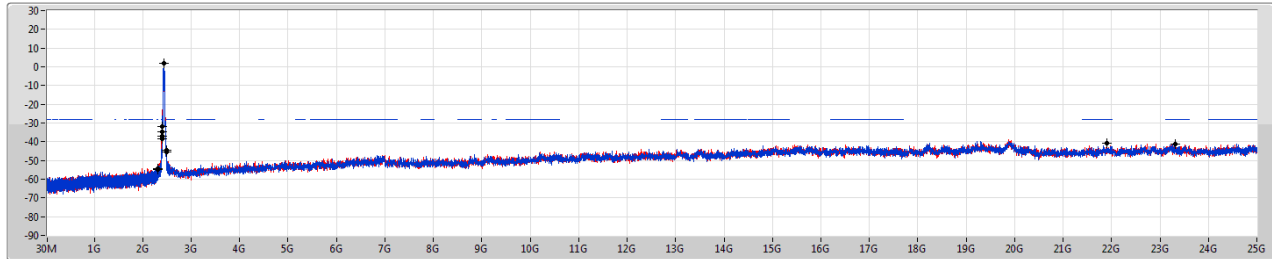
VHT40\_Nss1,(MCS0)\_2TX

2437MHz

CSENdB

01/02/2021

Port 1  
Port 2



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

| 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 |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43549G | 1.89     | -28.11     | 2.30683G | -55.07     | 2.39848G | -37.18     | 2.4G     | -38.26     | 2.48406G | -45.66     | 21.91218G | -40.98     | 1    |
| 2.43549G | 1.89     | -28.11     | 2.30855G | -54.43     | 2.39924G | -31.66     | 2.4G     | -34.78     | 2.48418G | -44.33     | 23.31446G | -41.23     | 2    |

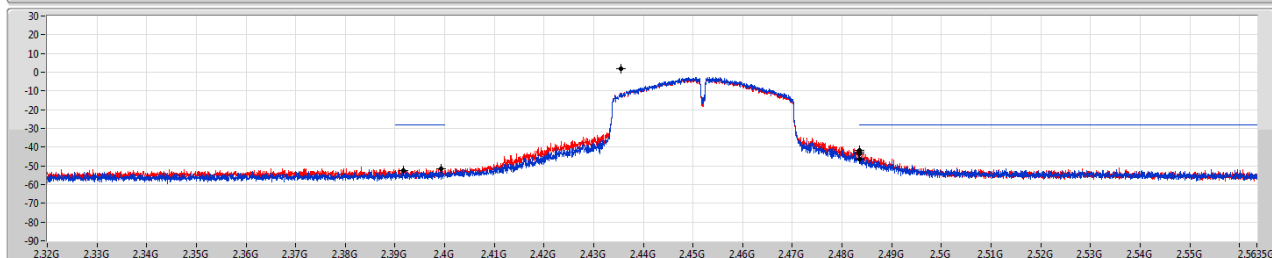
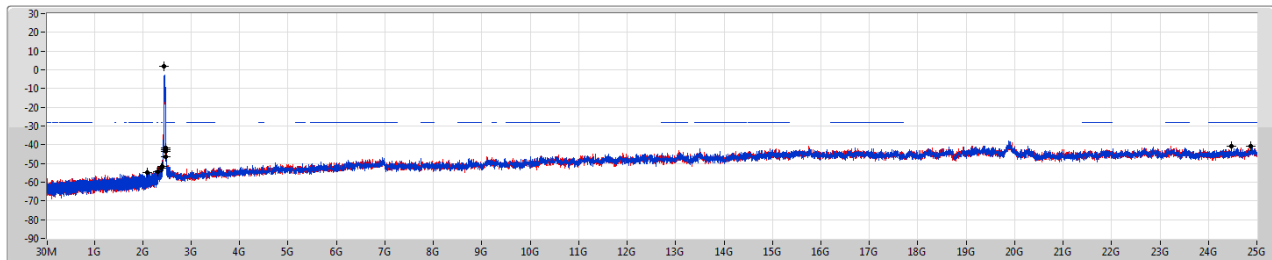
VHT40\_Nss1,(MCS0)\_2TX

2452MHz

CSENdB

01/02/2021

Port 1  
Port 2



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

| 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 |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43549G | 1.89     | -28.11     | 2.08842G | -54.74     | 2.39108G | -52.36     | 2.4835G  | -46.42     | 2.4835G  | -42.64     | 24.86221G | -40.75     | 1    |
| 2.43549G | 1.89     | -28.11     | 2.3097G  | -54.57     | 2.3992G  | -51.43     | 2.4835G  | -43.75     | 2.48354G | -41.91     | 24.47555G | -40.63     | 2    |



**Summary**

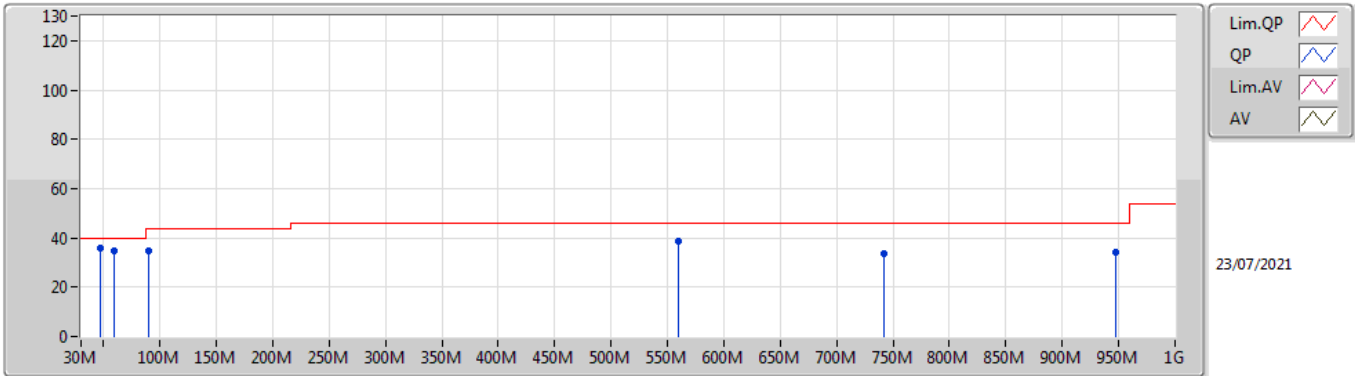
| Mode                  | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|-----------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|-----------|----------------|---------------|----------|
| 2.4-2.4835GHz         | -      | -    | -            | -                 | -                 | -              | -           | -         | -              | -             | -        |
| VHT40_Nss1,(MCS0)_2TX | Pass   | QP   | 47.46M       | 35.69             | 40.00             | -4.31          | 3           | Vertical  | 68             | 1.10          | -        |

**Result**

| Mode                  | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|-----------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|----------|
| VHT40_Nss1.(MCS0)_2TX | -      | -    | -            | -                 | -                 | -              | -           | -          | -              | -             | -        |
| 2437MHz               | Pass   | PK   | 90.14M       | 34.78             | 43.50             | -8.72          | 3           | Vertical   | 0              | 1.00          | -        |
| 2437MHz               | Pass   | PK   | 559.62M      | 38.59             | 46.00             | -7.41          | 3           | Vertical   | 0              | 1.00          | -        |
| 2437MHz               | Pass   | PK   | 741.98M      | 33.68             | 46.00             | -12.32         | 3           | Vertical   | 0              | 1.00          | -        |
| 2437MHz               | Pass   | PK   | 947.62M      | 34.35             | 46.00             | -11.65         | 3           | Vertical   | 0              | 1.00          | -        |
| 2437MHz               | Pass   | QP   | 47.46M       | 35.69             | 40.00             | -4.31          | 3           | Vertical   | 68             | 1.10          | -        |
| 2437MHz               | Pass   | QP   | 59.1M        | 34.79             | 40.00             | -5.21          | 3           | Vertical   | 241            | 1.15          | -        |
| 2437MHz               | Pass   | PK   | 90.14M       | 36.15             | 43.50             | -7.35          | 3           | Horizontal | 360            | 1.00          | -        |
| 2437MHz               | Pass   | PK   | 105.66M      | 37.34             | 43.50             | -6.16          | 3           | Horizontal | 360            | 1.00          | -        |
| 2437MHz               | Pass   | PK   | 249.22M      | 31.34             | 46.00             | -14.66         | 3           | Horizontal | 360            | 1.00          | -        |
| 2437MHz               | Pass   | PK   | 565.44M      | 37.61             | 46.00             | -8.39          | 3           | Horizontal | 360            | 1.00          | -        |
| 2437MHz               | Pass   | PK   | 802.12M      | 36.83             | 46.00             | -9.17          | 3           | Horizontal | 360            | 1.00          | -        |
| 2437MHz               | Pass   | QP   | 47.46M       | 34.09             | 40.00             | -5.91          | 3           | Horizontal | 50             | 1.10          | -        |

# VHT40\_Nss1,(MCS0)\_2TX

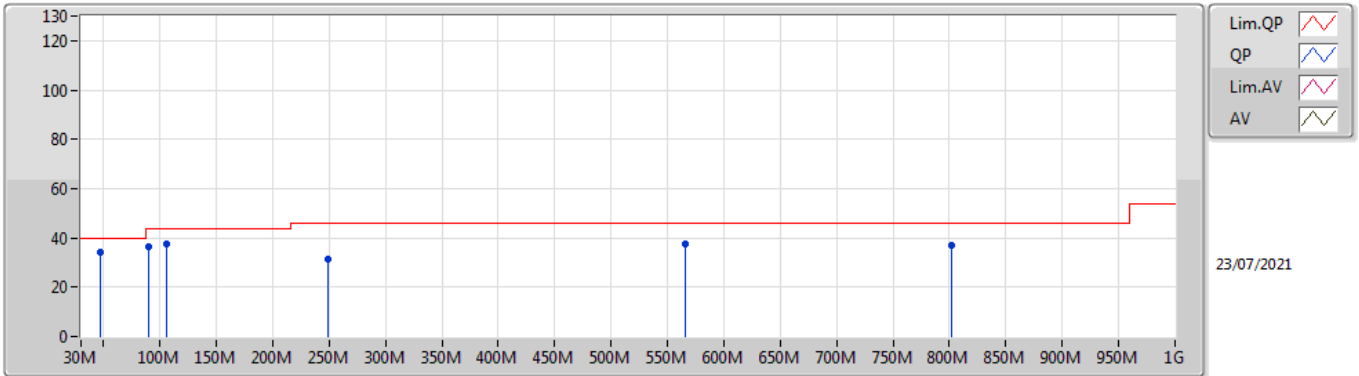
## 2437MHz\_Adapter



| 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   | 90.14M       | 34.78             | 43.50             | -8.72          | -12.41         | 3           | Vertical  | 0              | 1.00          | -       | 47.19         | 14.08      | 1.35       | 27.84      |
| PK   | 559.62M      | 38.59             | 46.00             | -7.41          | -0.96          | 3           | Vertical  | 0              | 1.00          | -       | 39.55         | 24.16      | 3.22       | 28.34      |
| PK   | 741.98M      | 33.68             | 46.00             | -12.32         | 0.43           | 3           | Vertical  | 0              | 1.00          | -       | 33.25         | 24.85      | 3.68       | 28.10      |
| PK   | 947.62M      | 34.35             | 46.00             | -11.65         | 2.86           | 3           | Vertical  | 0              | 1.00          | -       | 31.49         | 25.97      | 4.18       | 27.29      |
| QP   | 47.46M       | 35.69             | 40.00             | -4.31          | -12.55         | 3           | Vertical  | 68             | 1.10          | -       | 48.24         | 14.05      | 1.04       | 27.64      |
| QP   | 59.1M        | 34.79             | 40.00             | -5.21          | -14.96         | 3           | Vertical  | 241            | 1.15          | -       | 49.75         | 11.67      | 1.13       | 27.76      |

# VHT40\_Nss1,(MCS0)\_2TX

## 2437MHz\_Adapter



| 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   | 90.14M       | 36.15             | 43.50             | -7.35          | -12.41         | 3           | Horizontal | 360            | 1.00          | -       | 48.56         | 14.08      | 1.35       | 27.84      |
| PK   | 105.66M      | 37.34             | 43.50             | -6.16          | -9.60          | 3           | Horizontal | 360            | 1.00          | -       | 46.94         | 16.73      | 1.45       | 27.78      |
| PK   | 249.22M      | 31.34             | 46.00             | -14.66         | -7.42          | 3           | Horizontal | 360            | 1.00          | -       | 38.76         | 17.45      | 2.15       | 27.02      |
| PK   | 565.44M      | 37.61             | 46.00             | -8.39          | -1.06          | 3           | Horizontal | 360            | 1.00          | -       | 38.67         | 24.04      | 3.25       | 28.35      |
| PK   | 802.12M      | 36.83             | 46.00             | -9.17          | 1.03           | 3           | Horizontal | 360            | 1.00          | -       | 35.80         | 25.02      | 3.88       | 27.87      |
| QP   | 47.46M       | 34.09             | 40.00             | -5.91          | -12.55         | 3           | Horizontal | 50             | 1.10          | -       | 46.64         | 14.05      | 1.04       | 27.64      |



**Summary**

| Mode                     | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|--------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|-----------|----------------|---------------|----------|
| 2.4-2.4835GHz            | -      | -    | -            | -                 | -                 | -              | -           | -         | -              | -             | -        |
| 802.11b_Nss1,(1Mbps)_2TX | Pass   | AV   | 2.386G       | 53.88             | 54.00             | -0.12          | 3           | Vertical  | 216            | 2.15          | -        |
| 802.11g_Nss1,(6Mbps)_2TX | Pass   | AV   | 2.4835G      | 53.90             | 54.00             | -0.10          | 3           | Vertical  | 354            | 2.86          | -        |
| VHT20_Nss1,(MCS0)_2TX    | Pass   | AV   | 2.4835G      | 53.95             | 54.00             | -0.05          | 3           | Vertical  | 228            | 2.84          | -        |
| VHT40_Nss1,(MCS0)_2TX    | Pass   | AV   | 2.4835G      | 53.81             | 54.00             | -0.19          | 3           | Vertical  | 230            | 2.59          | -        |

## 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)_2TX | -      | -    | -         | -              | -              | -           | -        | -          | -           | -          | -        |
| 2412MHz                  | Pass   | AV   | 2.386G    | 53.88          | 54.00          | -0.12       | 3        | Vertical   | 216         | 2.15       | -        |
| 2412MHz                  | Pass   | AV   | 2.4138G   | 108.28         | Inf            | -Inf        | 3        | Vertical   | 216         | 2.15       | -        |
| 2412MHz                  | Pass   | PK   | 2.3862G   | 61.78          | 74.00          | -12.22      | 3        | Vertical   | 216         | 2.15       | -        |
| 2412MHz                  | Pass   | PK   | 2.4148G   | 110.59         | Inf            | -Inf        | 3        | Vertical   | 216         | 2.15       | -        |
| 2412MHz                  | Pass   | AV   | 2.386G    | 50.49          | 54.00          | -3.51       | 3        | Horizontal | 307         | 1.53       | -        |
| 2412MHz                  | Pass   | AV   | 2.4138G   | 106.96         | Inf            | -Inf        | 3        | Horizontal | 307         | 1.53       | -        |
| 2412MHz                  | Pass   | PK   | 2.3794G   | 60.90          | 74.00          | -13.10      | 3        | Horizontal | 307         | 1.53       | -        |
| 2412MHz                  | Pass   | PK   | 2.4136G   | 109.35         | Inf            | -Inf        | 3        | Horizontal | 307         | 1.53       | -        |
| 2412MHz                  | Pass   | AV   | 4.82392G  | 52.90          | 54.00          | -1.10       | 3        | Vertical   | 190         | 1.52       | -        |
| 2412MHz                  | Pass   | PK   | 4.82392G  | 55.40          | 74.00          | -18.60      | 3        | Vertical   | 190         | 1.52       | -        |
| 2412MHz                  | Pass   | AV   | 4.82392G  | 50.48          | 54.00          | -3.52       | 3        | Horizontal | 332         | 1.06       | -        |
| 2412MHz                  | Pass   | PK   | 4.82388G  | 54.10          | 74.00          | -19.90      | 3        | Horizontal | 332         | 1.06       | -        |
| 2437MHz                  | Pass   | AV   | 2.3894G   | 47.49          | 54.00          | -6.51       | 3        | Vertical   | 196         | 2.97       | -        |
| 2437MHz                  | Pass   | AV   | 2.4342G   | 105.95         | Inf            | -Inf        | 3        | Vertical   | 196         | 2.97       | -        |
| 2437MHz                  | Pass   | AV   | 2.4838G   | 48.35          | 54.00          | -5.65       | 3        | Vertical   | 196         | 2.97       | -        |
| 2437MHz                  | Pass   | PK   | 2.355G    | 59.48          | 74.00          | -14.52      | 3        | Vertical   | 196         | 2.97       | -        |
| 2437MHz                  | Pass   | PK   | 2.4342G   | 108.76         | Inf            | -Inf        | 3        | Vertical   | 196         | 2.97       | -        |
| 2437MHz                  | Pass   | PK   | 2.4918G   | 59.04          | 74.00          | -14.96      | 3        | Vertical   | 196         | 2.97       | -        |
| 2437MHz                  | Pass   | AV   | 2.3478G   | 47.48          | 54.00          | -6.52       | 3        | Horizontal | 304         | 1.00       | -        |
| 2437MHz                  | Pass   | AV   | 2.4386G   | 104.67         | Inf            | -Inf        | 3        | Horizontal | 304         | 1.00       | -        |
| 2437MHz                  | Pass   | AV   | 2.487G    | 48.09          | 54.00          | -5.91       | 3        | Horizontal | 304         | 1.00       | -        |
| 2437MHz                  | Pass   | PK   | 2.3722G   | 59.61          | 74.00          | -14.39      | 3        | Horizontal | 304         | 1.00       | -        |
| 2437MHz                  | Pass   | PK   | 2.4382G   | 107.12         | Inf            | -Inf        | 3        | Horizontal | 304         | 1.00       | -        |
| 2437MHz                  | Pass   | PK   | 2.489G    | 59.72          | 74.00          | -14.28      | 3        | Horizontal | 304         | 1.00       | -        |
| 2437MHz                  | Pass   | AV   | 4.87392G  | 52.81          | 54.00          | -1.19       | 3        | Vertical   | 332         | 1.87       | -        |
| 2437MHz                  | Pass   | AV   | 7.31168G  | 53.57          | 54.00          | -0.43       | 3        | Vertical   | 84          | 2.04       | -        |
| 2437MHz                  | Pass   | PK   | 4.87392G  | 55.37          | 74.00          | -18.63      | 3        | Vertical   | 332         | 1.87       | -        |
| 2437MHz                  | Pass   | PK   | 7.31096G  | 60.14          | 74.00          | -13.86      | 3        | Vertical   | 84          | 2.04       | -        |
| 2437MHz                  | Pass   | AV   | 4.87396G  | 50.33          | 54.00          | -3.67       | 3        | Horizontal | 330         | 1.26       | -        |
| 2437MHz                  | Pass   | AV   | 7.31012G  | 48.00          | 54.00          | -6.00       | 3        | Horizontal | 186         | 1.00       | -        |
| 2437MHz                  | Pass   | PK   | 4.874G    | 53.78          | 74.00          | -20.22      | 3        | Horizontal | 330         | 1.26       | -        |
| 2437MHz                  | Pass   | PK   | 7.30884G  | 55.65          | 74.00          | -18.35      | 3        | Horizontal | 186         | 1.00       | -        |
| 2462MHz                  | Pass   | AV   | 2.4602G   | 107.11         | Inf            | -Inf        | 3        | Vertical   | 353         | 2.76       | -        |
| 2462MHz                  | Pass   | AV   | 2.4835G   | 52.40          | 54.00          | -1.60       | 3        | Vertical   | 353         | 2.76       | -        |
| 2462MHz                  | Pass   | PK   | 2.4606G   | 109.46         | Inf            | -Inf        | 3        | Vertical   | 353         | 2.76       | -        |
| 2462MHz                  | Pass   | PK   | 2.4884G   | 60.95          | 74.00          | -13.05      | 3        | Vertical   | 353         | 2.76       | -        |
| 2462MHz                  | Pass   | AV   | 2.4628G   | 105.54         | Inf            | -Inf        | 3        | Horizontal | 302         | 1.25       | -        |
| 2462MHz                  | Pass   | AV   | 2.4835G   | 53.66          | 54.00          | -0.34       | 3        | Horizontal | 302         | 1.25       | -        |
| 2462MHz                  | Pass   | PK   | 2.463G    | 107.99         | Inf            | -Inf        | 3        | Horizontal | 302         | 1.25       | -        |
| 2462MHz                  | Pass   | PK   | 2.4836G   | 62.34          | 74.00          | -11.66      | 3        | Horizontal | 302         | 1.25       | -        |
| 2462MHz                  | Pass   | AV   | 4.92396G  | 52.45          | 54.00          | -1.55       | 3        | Vertical   | 331         | 1.61       | -        |
| 2462MHz                  | Pass   | AV   | 7.38308G  | 49.45          | 54.00          | -4.55       | 3        | Vertical   | 90          | 1.00       | -        |
| 2462MHz                  | Pass   | PK   | 4.924G    | 55.31          | 74.00          | -18.69      | 3        | Vertical   | 331         | 1.61       | -        |
| 2462MHz                  | Pass   | PK   | 7.39032G  | 56.41          | 74.00          | -17.59      | 3        | Vertical   | 90          | 1.00       | -        |
| 2462MHz                  | Pass   | AV   | 4.92392G  | 51.35          | 54.00          | -2.65       | 3        | Horizontal | 330         | 1.31       | -        |
| 2462MHz                  | Pass   | AV   | 7.38864G  | 44.73          | 54.00          | -9.27       | 3        | Horizontal | 20          | 1.98       | -        |
| 2462MHz                  | Pass   | PK   | 4.92392G  | 54.55          | 74.00          | -19.45      | 3        | Horizontal | 330         | 1.31       | -        |
| 2462MHz                  | Pass   | PK   | 7.38844G  | 54.12          | 74.00          | -19.88      | 3        | Horizontal | 20          | 1.98       | -        |
| 802.11g_Nss1,(6Mbps)_2TX | -      | -    | -         | -              | -              | -           | -        | -          | -           | -          | -        |
| 2412MHz                  | Pass   | AV   | 2.39G     | 53.65          | 54.00          | -0.35       | 3        | Vertical   | 211         | 2.46       | -        |
| 2412MHz                  | Pass   | AV   | 2.4104G   | 104.10         | Inf            | -Inf        | 3        | Vertical   | 211         | 2.46       | -        |
| 2412MHz                  | Pass   | PK   | 2.39G     | 66.85          | 74.00          | -7.15       | 3        | Vertical   | 211         | 2.46       | -        |
| 2412MHz                  | Pass   | PK   | 2.4102G   | 112.01         | Inf            | -Inf        | 3        | Vertical   | 211         | 2.46       | -        |
| 2412MHz                  | Pass   | AV   | 2.39G     | 49.71          | 54.00          | -4.29       | 3        | Horizontal | 305         | 1.54       | -        |
| 2412MHz                  | Pass   | AV   | 2.4112G   | 102.19         | Inf            | -Inf        | 3        | Horizontal | 305         | 1.54       | -        |
| 2412MHz                  | Pass   | PK   | 2.3874G   | 63.04          | 74.00          | -10.96      | 3        | Horizontal | 305         | 1.54       | -        |
| 2412MHz                  | Pass   | PK   | 2.4112G   | 109.65         | Inf            | -Inf        | 3        | Horizontal | 305         | 1.54       | -        |
| 2412MHz                  | Pass   | AV   | 4.82392G  | 40.26          | 54.00          | -13.74      | 3        | Vertical   | 188         | 1.70       | -        |
| 2412MHz                  | Pass   | PK   | 4.82708G  | 50.91          | 74.00          | -23.09      | 3        | Vertical   | 188         | 1.70       | -        |
| 2412MHz                  | Pass   | AV   | 4.82388G  | 38.82          | 54.00          | -15.18      | 3        | Horizontal | 330         | 2.12       | -        |

| Mode    | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comments |
|---------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|----------|
| 2412MHz | Pass   | PK   | 4.82404G  | 49.85          | 74.00          | -24.15      | 3        | Horizontal | 330         | 2.12       | -        |
| 2417MHz | Pass   | AV   | 2.3892G   | 53.45          | 54.00          | -0.55       | 3        | Vertical   | 0           | 2.10       | -        |
| 2417MHz | Pass   | AV   | 2.4178G   | 106.74         | Inf            | -Inf        | 3        | Vertical   | 0           | 2.10       | -        |
| 2417MHz | Pass   | PK   | 2.389G    | 67.39          | 74.00          | -6.61       | 3        | Vertical   | 0           | 2.10       | -        |
| 2417MHz | Pass   | PK   | 2.4178G   | 114.42         | Inf            | -Inf        | 3        | Vertical   | 0           | 2.10       | -        |
| 2417MHz | Pass   | AV   | 2.3876G   | 51.90          | 54.00          | -2.10       | 3        | Horizontal | 305         | 1.00       | -        |
| 2417MHz | Pass   | AV   | 2.4164G   | 105.57         | Inf            | -Inf        | 3        | Horizontal | 305         | 1.00       | -        |
| 2417MHz | Pass   | PK   | 2.388G    | 65.48          | 74.00          | -8.52       | 3        | Horizontal | 305         | 1.00       | -        |
| 2417MHz | Pass   | PK   | 2.4164G   | 113.11         | Inf            | -Inf        | 3        | Horizontal | 305         | 1.00       | -        |
| 2417MHz | Pass   | AV   | 4.83236G  | 44.90          | 54.00          | -9.10       | 3        | Vertical   | 90          | 2.15       | -        |
| 2417MHz | Pass   | PK   | 4.83692G  | 57.29          | 74.00          | -16.71      | 3        | Vertical   | 90          | 2.15       | -        |
| 2417MHz | Pass   | PK   | 7.25028G  | 63.02          | 74.00          | -10.98      | 3        | Vertical   | 93          | 1.99       | -        |
| 2417MHz | Pass   | AV   | 4.83608G  | 43.79          | 54.00          | -10.21      | 3        | Horizontal | 302         | 2.05       | -        |
| 2417MHz | Pass   | AV   | 7.25016G  | 46.52          | 54.00          | -7.48       | 3        | Horizontal | 200         | 1.42       | -        |
| 2417MHz | Pass   | PK   | 4.83108G  | 56.01          | 74.00          | -17.99      | 3        | Horizontal | 302         | 2.05       | -        |
| 2417MHz | Pass   | PK   | 7.2506G   | 59.57          | 74.00          | -14.43      | 3        | Horizontal | 200         | 1.42       | -        |
| 2437MHz | Pass   | AV   | 2.3898G   | 48.29          | 54.00          | -5.71       | 3        | Vertical   | 212         | 2.64       | -        |
| 2437MHz | Pass   | AV   | 2.4354G   | 107.00         | Inf            | -Inf        | 3        | Vertical   | 212         | 2.64       | -        |
| 2437MHz | Pass   | AV   | 2.4854G   | 48.63          | 54.00          | -5.37       | 3        | Vertical   | 212         | 2.64       | -        |
| 2437MHz | Pass   | PK   | 2.3874G   | 59.26          | 74.00          | -14.74      | 3        | Vertical   | 212         | 2.64       | -        |
| 2437MHz | Pass   | PK   | 2.4354G   | 115.30         | Inf            | -Inf        | 3        | Vertical   | 212         | 2.64       | -        |
| 2437MHz | Pass   | PK   | 2.4854G   | 60.09          | 74.00          | -13.91      | 3        | Vertical   | 212         | 2.64       | -        |
| 2437MHz | Pass   | AV   | 2.3862G   | 48.00          | 54.00          | -6.00       | 3        | Horizontal | 303         | 1.12       | -        |
| 2437MHz | Pass   | AV   | 2.4362G   | 105.40         | Inf            | -Inf        | 3        | Horizontal | 303         | 1.12       | -        |
| 2437MHz | Pass   | AV   | 2.4866G   | 48.36          | 54.00          | -5.64       | 3        | Horizontal | 303         | 1.12       | -        |
| 2437MHz | Pass   | PK   | 2.3898G   | 59.91          | 74.00          | -14.09      | 3        | Horizontal | 303         | 1.12       | -        |
| 2437MHz | Pass   | PK   | 2.4366G   | 112.97         | Inf            | -Inf        | 3        | Horizontal | 303         | 1.12       | -        |
| 2437MHz | Pass   | PK   | 2.485G    | 59.35          | 74.00          | -14.65      | 3        | Horizontal | 303         | 1.12       | -        |
| 2437MHz | Pass   | AV   | 4.87248G  | 47.03          | 54.00          | -6.97       | 3        | Vertical   | 87          | 1.05       | -        |
| 2437MHz | Pass   | AV   | 7.31168G  | 53.62          | 54.00          | -0.38       | 3        | Vertical   | 100         | 1.05       | -        |
| 2437MHz | Pass   | PK   | 4.87704G  | 59.78          | 74.00          | -14.22      | 3        | Vertical   | 87          | 1.05       | -        |
| 2437MHz | Pass   | PK   | 7.30584G  | 65.55          | 74.00          | -8.45       | 3        | Vertical   | 100         | 1.05       | -        |
| 2437MHz | Pass   | AV   | 4.8738G   | 43.40          | 54.00          | -10.60      | 3        | Horizontal | 328         | 2.19       | -        |
| 2437MHz | Pass   | AV   | 7.31316G  | 48.17          | 54.00          | -5.83       | 3        | Horizontal | 19          | 1.00       | -        |
| 2437MHz | Pass   | PK   | 4.86848G  | 54.64          | 74.00          | -19.36      | 3        | Horizontal | 328         | 2.19       | -        |
| 2437MHz | Pass   | PK   | 7.31316G  | 61.03          | 74.00          | -12.97      | 3        | Horizontal | 19          | 1.00       | -        |
| 2457MHz | Pass   | AV   | 2.4578G   | 106.06         | Inf            | -Inf        | 3        | Vertical   | 354         | 2.86       | -        |
| 2457MHz | Pass   | AV   | 2.4835G   | 53.90          | 54.00          | -0.10       | 3        | Vertical   | 354         | 2.86       | -        |
| 2457MHz | Pass   | PK   | 2.4578G   | 113.76         | Inf            | -Inf        | 3        | Vertical   | 354         | 2.86       | -        |
| 2457MHz | Pass   | PK   | 2.4838G   | 66.05          | 74.00          | -7.95       | 3        | Vertical   | 354         | 2.86       | -        |
| 2457MHz | Pass   | AV   | 2.4564G   | 104.26         | Inf            | -Inf        | 3        | Horizontal | 305         | 1.20       | -        |
| 2457MHz | Pass   | AV   | 2.486G    | 51.46          | 54.00          | -2.54       | 3        | Horizontal | 305         | 1.20       | -        |
| 2457MHz | Pass   | PK   | 2.4564G   | 111.81         | Inf            | -Inf        | 3        | Horizontal | 305         | 1.20       | -        |
| 2457MHz | Pass   | PK   | 2.4866G   | 63.23          | 74.00          | -10.77      | 3        | Horizontal | 305         | 1.20       | -        |
| 2457MHz | Pass   | AV   | 4.91256G  | 45.19          | 54.00          | -8.81       | 3        | Vertical   | 85          | 2.24       | -        |
| 2457MHz | Pass   | AV   | 7.37112G  | 48.94          | 54.00          | -5.06       | 3        | Vertical   | 86          | 2.04       | -        |
| 2457MHz | Pass   | PK   | 4.91704G  | 57.58          | 74.00          | -16.42      | 3        | Vertical   | 85          | 2.24       | -        |
| 2457MHz | Pass   | PK   | 7.37064G  | 61.95          | 74.00          | -12.05      | 3        | Vertical   | 86          | 2.04       | -        |
| 2457MHz | Pass   | AV   | 4.91572G  | 42.77          | 54.00          | -11.23      | 3        | Horizontal | 301         | 2.05       | -        |
| 2457MHz | Pass   | AV   | 7.3678G   | 44.95          | 54.00          | -9.05       | 3        | Horizontal | 197         | 1.94       | -        |
| 2457MHz | Pass   | PK   | 4.91524G  | 55.53          | 74.00          | -18.47      | 3        | Horizontal | 301         | 2.05       | -        |
| 2457MHz | Pass   | PK   | 7.3732G   | 57.45          | 74.00          | -16.55      | 3        | Horizontal | 197         | 1.94       | -        |
| 2462MHz | Pass   | AV   | 2.4628G   | 102.93         | Inf            | -Inf        | 3        | Vertical   | 349         | 2.70       | -        |
| 2462MHz | Pass   | AV   | 2.4835G   | 53.81          | 54.00          | -0.19       | 3        | Vertical   | 349         | 2.70       | -        |
| 2462MHz | Pass   | PK   | 2.463G    | 110.77         | Inf            | -Inf        | 3        | Vertical   | 349         | 2.70       | -        |
| 2462MHz | Pass   | PK   | 2.4835G   | 69.55          | 74.00          | -4.45       | 3        | Vertical   | 349         | 2.70       | -        |
| 2462MHz | Pass   | AV   | 2.4626G   | 101.05         | Inf            | -Inf        | 3        | Horizontal | 90          | 2.18       | -        |
| 2462MHz | Pass   | AV   | 2.4835G   | 51.31          | 54.00          | -2.69       | 3        | Horizontal | 90          | 2.18       | -        |
| 2462MHz | Pass   | PK   | 2.4626G   | 108.75         | Inf            | -Inf        | 3        | Horizontal | 90          | 2.18       | -        |
| 2462MHz | Pass   | PK   | 2.4836G   | 66.13          | 74.00          | -7.87       | 3        | Horizontal | 90          | 2.18       | -        |
| 2462MHz | Pass   | AV   | 4.92392G  | 40.80          | 54.00          | -13.20      | 3        | Vertical   | 332         | 1.95       | -        |
| 2462MHz | Pass   | AV   | 7.38352G  | 44.92          | 54.00          | -9.08       | 3        | Vertical   | 94          | 1.08       | -        |

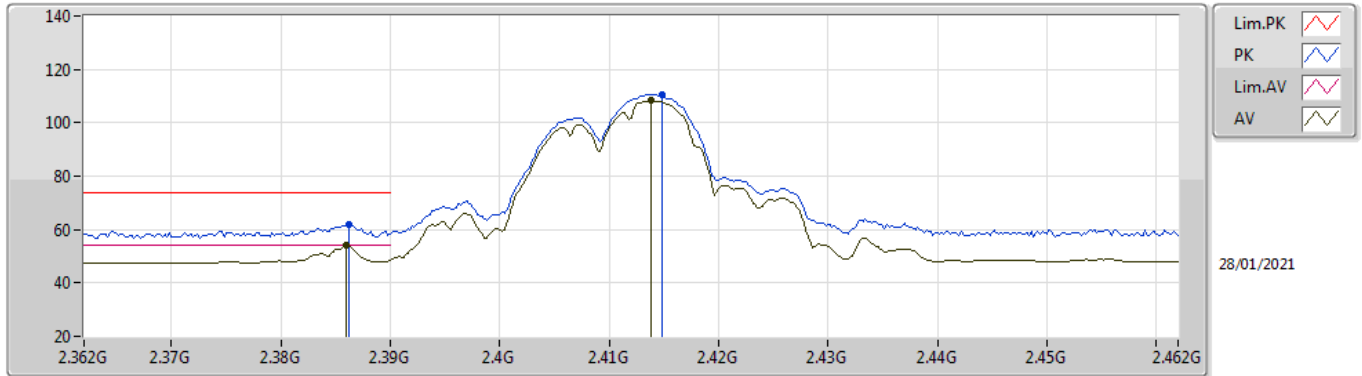
| Mode                  | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comments |
|-----------------------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|----------|
| 2462MHz               | Pass   | PK   | 4.92388G  | 52.67          | 74.00          | -21.33      | 3        | Vertical   | 332         | 1.95       | -        |
| 2462MHz               | Pass   | PK   | 7.38416G  | 58.28          | 74.00          | -15.72      | 3        | Vertical   | 94          | 1.08       | -        |
| 2462MHz               | Pass   | AV   | 4.92392G  | 39.88          | 54.00          | -14.12      | 3        | Horizontal | 329         | 1.30       | -        |
| 2462MHz               | Pass   | AV   | 7.38496G  | 41.06          | 54.00          | -12.94      | 3        | Horizontal | 21          | 1.98       | -        |
| 2462MHz               | Pass   | PK   | 4.92392G  | 50.65          | 74.00          | -23.35      | 3        | Horizontal | 329         | 1.30       | -        |
| 2462MHz               | Pass   | PK   | 7.3852G   | 55.16          | 74.00          | -18.84      | 3        | Horizontal | 21          | 1.98       | -        |
| VHT20_Nss1,(MCS0)_2TX | -      | -    | -         | -              | -              | -           | -        | -          | -           | -          | -        |
| 2412MHz               | Pass   | AV   | 2.39G     | 53.65          | 54.00          | -0.35       | 3        | Vertical   | 220         | 2.16       | -        |
| 2412MHz               | Pass   | AV   | 2.4126G   | 102.10         | Inf            | -Inf        | 3        | Vertical   | 220         | 2.16       | -        |
| 2412MHz               | Pass   | PK   | 2.3898G   | 70.55          | 74.00          | -3.45       | 3        | Vertical   | 220         | 2.16       | -        |
| 2412MHz               | Pass   | PK   | 2.4128G   | 110.42         | Inf            | -Inf        | 3        | Vertical   | 220         | 2.16       | -        |
| 2412MHz               | Pass   | AV   | 2.39G     | 52.31          | 54.00          | -1.69       | 3        | Horizontal | 302         | 1.54       | -        |
| 2412MHz               | Pass   | AV   | 2.4126G   | 101.55         | Inf            | -Inf        | 3        | Horizontal | 302         | 1.54       | -        |
| 2412MHz               | Pass   | PK   | 2.3892G   | 67.19          | 74.00          | -6.81       | 3        | Horizontal | 302         | 1.54       | -        |
| 2412MHz               | Pass   | PK   | 2.4126G   | 110.07         | Inf            | -Inf        | 3        | Horizontal | 302         | 1.54       | -        |
| 2412MHz               | Pass   | AV   | 4.82376G  | 36.90          | 54.00          | -17.10      | 3        | Vertical   | 331         | 1.79       | -        |
| 2412MHz               | Pass   | PK   | 4.82312G  | 51.01          | 74.00          | -22.99      | 3        | Vertical   | 331         | 1.79       | -        |
| 2412MHz               | Pass   | AV   | 4.82296G  | 36.30          | 54.00          | -17.70      | 3        | Horizontal | 330         | 1.06       | -        |
| 2412MHz               | Pass   | PK   | 4.81748G  | 48.98          | 74.00          | -25.02      | 3        | Horizontal | 330         | 1.06       | -        |
| 2417MHz               | Pass   | AV   | 2.39G     | 53.74          | 54.00          | -0.26       | 3        | Vertical   | 231         | 3.00       | -        |
| 2417MHz               | Pass   | AV   | 2.4164G   | 104.96         | Inf            | -Inf        | 3        | Vertical   | 231         | 3.00       | -        |
| 2417MHz               | Pass   | PK   | 2.3898G   | 71.14          | 74.00          | -2.86       | 3        | Vertical   | 231         | 3.00       | -        |
| 2417MHz               | Pass   | PK   | 2.416G    | 113.48         | Inf            | -Inf        | 3        | Vertical   | 231         | 3.00       | -        |
| 2417MHz               | Pass   | AV   | 2.3898G   | 51.59          | 54.00          | -2.41       | 3        | Horizontal | 306         | 1.00       | -        |
| 2417MHz               | Pass   | AV   | 2.4164G   | 104.44         | Inf            | -Inf        | 3        | Horizontal | 306         | 1.00       | -        |
| 2417MHz               | Pass   | PK   | 2.3898G   | 67.86          | 74.00          | -6.14       | 3        | Horizontal | 306         | 1.00       | -        |
| 2417MHz               | Pass   | PK   | 2.416G    | 112.65         | Inf            | -Inf        | 3        | Horizontal | 306         | 1.00       | -        |
| 2417MHz               | Pass   | AV   | 4.83388G  | 40.85          | 54.00          | -13.15      | 3        | Vertical   | 335         | 1.20       | -        |
| 2417MHz               | Pass   | AV   | 7.2552G   | 46.89          | 54.00          | -7.11       | 3        | Vertical   | 103         | 2.09       | -        |
| 2417MHz               | Pass   | PK   | 4.83292G  | 55.00          | 74.00          | -19.00      | 3        | Vertical   | 335         | 1.20       | -        |
| 2417MHz               | Pass   | PK   | 7.25736G  | 62.29          | 74.00          | -11.71      | 3        | Vertical   | 103         | 2.09       | -        |
| 2417MHz               | Pass   | AV   | 4.8374G   | 39.61          | 54.00          | -14.39      | 3        | Horizontal | 331         | 1.03       | -        |
| 2417MHz               | Pass   | PK   | 4.83324G  | 53.47          | 74.00          | -20.53      | 3        | Horizontal | 331         | 1.03       | -        |
| 2417MHz               | Pass   | PK   | 7.25216G  | 58.73          | 74.00          | -15.27      | 3        | Horizontal | 199         | 1.41       | -        |
| 2437MHz               | Pass   | AV   | 2.3894G   | 48.03          | 54.00          | -5.97       | 3        | Vertical   | 229         | 2.59       | -        |
| 2437MHz               | Pass   | AV   | 2.4366G   | 105.53         | Inf            | -Inf        | 3        | Vertical   | 229         | 2.59       | -        |
| 2437MHz               | Pass   | AV   | 2.4838G   | 48.88          | 54.00          | -5.12       | 3        | Vertical   | 229         | 2.59       | -        |
| 2437MHz               | Pass   | PK   | 2.3846G   | 59.36          | 74.00          | -14.64      | 3        | Vertical   | 229         | 2.59       | -        |
| 2437MHz               | Pass   | PK   | 2.4362G   | 114.28         | Inf            | -Inf        | 3        | Vertical   | 229         | 2.59       | -        |
| 2437MHz               | Pass   | PK   | 2.4994G   | 59.57          | 74.00          | -14.43      | 3        | Vertical   | 229         | 2.59       | -        |
| 2437MHz               | Pass   | AV   | 2.3894G   | 48.03          | 54.00          | -5.97       | 3        | Horizontal | 303         | 1.11       | -        |
| 2437MHz               | Pass   | AV   | 2.4354G   | 104.77         | Inf            | -Inf        | 3        | Horizontal | 303         | 1.11       | -        |
| 2437MHz               | Pass   | AV   | 2.4835G   | 48.62          | 54.00          | -5.38       | 3        | Horizontal | 303         | 1.11       | -        |
| 2437MHz               | Pass   | PK   | 2.371G    | 59.61          | 74.00          | -14.39      | 3        | Horizontal | 303         | 1.11       | -        |
| 2437MHz               | Pass   | PK   | 2.4386G   | 113.10         | Inf            | -Inf        | 3        | Horizontal | 303         | 1.11       | -        |
| 2437MHz               | Pass   | PK   | 2.4846G   | 59.79          | 74.00          | -14.21      | 3        | Horizontal | 303         | 1.11       | -        |
| 2437MHz               | Pass   | AV   | 4.87376G  | 45.24          | 54.00          | -8.76       | 3        | Vertical   | 330         | 1.86       | -        |
| 2437MHz               | Pass   | AV   | 7.30908G  | 53.87          | 54.00          | -0.13       | 3        | Vertical   | 84          | 1.95       | -        |
| 2437MHz               | Pass   | PK   | 4.87336G  | 59.28          | 74.00          | -14.72      | 3        | Vertical   | 330         | 1.86       | -        |
| 2437MHz               | Pass   | PK   | 7.31756G  | 68.26          | 74.00          | -5.74       | 3        | Vertical   | 84          | 1.95       | -        |
| 2437MHz               | Pass   | AV   | 4.87392G  | 43.22          | 54.00          | -10.78      | 3        | Horizontal | 328         | 2.19       | -        |
| 2437MHz               | Pass   | AV   | 7.309G    | 47.78          | 54.00          | -6.22       | 3        | Horizontal | 186         | 1.00       | -        |
| 2437MHz               | Pass   | PK   | 4.87328G  | 57.04          | 74.00          | -16.96      | 3        | Horizontal | 328         | 2.19       | -        |
| 2437MHz               | Pass   | PK   | 7.31756G  | 62.29          | 74.00          | -11.71      | 3        | Horizontal | 186         | 1.00       | -        |
| 2457MHz               | Pass   | AV   | 2.4576G   | 103.93         | Inf            | -Inf        | 3        | Vertical   | 0           | 2.58       | -        |
| 2457MHz               | Pass   | AV   | 2.4835G   | 53.76          | 54.00          | -0.24       | 3        | Vertical   | 0           | 2.58       | -        |
| 2457MHz               | Pass   | PK   | 2.4584G   | 112.11         | Inf            | -Inf        | 3        | Vertical   | 0           | 2.58       | -        |
| 2457MHz               | Pass   | PK   | 2.4846G   | 68.48          | 74.00          | -5.52       | 3        | Vertical   | 0           | 2.58       | -        |
| 2457MHz               | Pass   | AV   | 2.4564G   | 103.75         | Inf            | -Inf        | 3        | Horizontal | 303         | 1.19       | -        |
| 2457MHz               | Pass   | AV   | 2.4835G   | 52.51          | 54.00          | -1.49       | 3        | Horizontal | 303         | 1.19       | -        |
| 2457MHz               | Pass   | PK   | 2.456G    | 112.23         | Inf            | -Inf        | 3        | Horizontal | 303         | 1.19       | -        |
| 2457MHz               | Pass   | PK   | 2.4848G   | 66.98          | 74.00          | -7.02       | 3        | Horizontal | 303         | 1.19       | -        |

| Mode                  | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comments |
|-----------------------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|----------|
| 2457MHz               | Pass   | AV   | 4.91392G  | 43.67          | 54.00          | -10.33      | 3        | Vertical   | 335         | 1.06       | -        |
| 2457MHz               | Pass   | AV   | 7.36912G  | 45.60          | 54.00          | -8.40       | 3        | Vertical   | 194         | 2.01       | -        |
| 2457MHz               | Pass   | PK   | 4.91312G  | 57.68          | 74.00          | -16.32      | 3        | Vertical   | 335         | 1.06       | -        |
| 2457MHz               | Pass   | PK   | 7.36704G  | 60.47          | 74.00          | -13.53      | 3        | Vertical   | 194         | 2.01       | -        |
| 2457MHz               | Pass   | AV   | 4.91376G  | 42.14          | 54.00          | -11.86      | 3        | Horizontal | 330         | 1.15       | -        |
| 2457MHz               | Pass   | AV   | 7.36896G  | 43.93          | 54.00          | -10.07      | 3        | Horizontal | 199         | 1.50       | -        |
| 2457MHz               | Pass   | PK   | 4.91324G  | 56.60          | 74.00          | -17.40      | 3        | Horizontal | 330         | 1.15       | -        |
| 2457MHz               | Pass   | PK   | 7.37768G  | 58.68          | 74.00          | -15.32      | 3        | Horizontal | 199         | 1.50       | -        |
| 2462MHz               | Pass   | AV   | 2.4614G   | 102.08         | Inf            | -Inf        | 3        | Vertical   | 228         | 2.84       | -        |
| 2462MHz               | Pass   | AV   | 2.4835G   | 53.95          | 54.00          | -0.05       | 3        | Vertical   | 228         | 2.84       | -        |
| 2462MHz               | Pass   | PK   | 2.461G    | 110.15         | Inf            | -Inf        | 3        | Vertical   | 228         | 2.84       | -        |
| 2462MHz               | Pass   | PK   | 2.4836G   | 69.74          | 74.00          | -4.26       | 3        | Vertical   | 228         | 2.84       | -        |
| 2462MHz               | Pass   | AV   | 2.4626G   | 99.20          | Inf            | -Inf        | 3        | Horizontal | 284         | 1.07       | -        |
| 2462MHz               | Pass   | AV   | 2.4835G   | 52.56          | 54.00          | -1.44       | 3        | Horizontal | 284         | 1.07       | -        |
| 2462MHz               | Pass   | PK   | 2.461G    | 107.18         | Inf            | -Inf        | 3        | Horizontal | 284         | 1.07       | -        |
| 2462MHz               | Pass   | PK   | 2.4835G   | 69.50          | 74.00          | -4.50       | 3        | Horizontal | 284         | 1.07       | -        |
| 2462MHz               | Pass   | AV   | 4.924G    | 41.13          | 54.00          | -12.87      | 3        | Vertical   | 331         | 1.82       | -        |
| 2462MHz               | Pass   | AV   | 7.38648G  | 46.79          | 54.00          | -7.21       | 3        | Vertical   | 85          | 2.04       | -        |
| 2462MHz               | Pass   | PK   | 4.92388G  | 54.04          | 74.00          | -19.96      | 3        | Vertical   | 331         | 1.82       | -        |
| 2462MHz               | Pass   | PK   | 7.38412G  | 62.51          | 74.00          | -11.49      | 3        | Vertical   | 85          | 2.04       | -        |
| 2462MHz               | Pass   | AV   | 4.92396G  | 40.25          | 54.00          | -13.75      | 3        | Horizontal | 327         | 1.30       | -        |
| 2462MHz               | Pass   | AV   | 7.38644G  | 43.10          | 54.00          | -10.90      | 3        | Horizontal | 282         | 1.04       | -        |
| 2462MHz               | Pass   | PK   | 4.92392G  | 53.05          | 74.00          | -20.95      | 3        | Horizontal | 327         | 1.30       | -        |
| 2462MHz               | Pass   | PK   | 7.38428G  | 57.91          | 74.00          | -16.09      | 3        | Horizontal | 282         | 1.04       | -        |
| VHT40_Nss1,(MCS0)_2TX | -      | -    | -         | -              | -              | -           | -        | -          | -           | -          | -        |
| 2422MHz               | Pass   | AV   | 2.39G     | 53.51          | 54.00          | -0.49       | 3        | Vertical   | 231         | 2.39       | -        |
| 2422MHz               | Pass   | AV   | 2.4232G   | 98.14          | Inf            | -Inf        | 3        | Vertical   | 231         | 2.39       | -        |
| 2422MHz               | Pass   | AV   | 2.492G    | 47.80          | 54.00          | -6.20       | 3        | Vertical   | 231         | 2.39       | -        |
| 2422MHz               | Pass   | PK   | 2.3888G   | 68.29          | 74.00          | -5.71       | 3        | Vertical   | 231         | 2.39       | -        |
| 2422MHz               | Pass   | PK   | 2.4236G   | 106.03         | Inf            | -Inf        | 3        | Vertical   | 231         | 2.39       | -        |
| 2422MHz               | Pass   | PK   | 2.488G    | 59.50          | 74.00          | -14.50      | 3        | Vertical   | 231         | 2.39       | -        |
| 2422MHz               | Pass   | AV   | 2.39G     | 53.08          | 54.00          | -0.92       | 3        | Horizontal | 302         | 1.26       | -        |
| 2422MHz               | Pass   | AV   | 2.4232G   | 98.13          | Inf            | -Inf        | 3        | Horizontal | 302         | 1.26       | -        |
| 2422MHz               | Pass   | AV   | 2.4892G   | 48.08          | 54.00          | -5.92       | 3        | Horizontal | 302         | 1.26       | -        |
| 2422MHz               | Pass   | PK   | 2.3892G   | 67.13          | 74.00          | -6.87       | 3        | Horizontal | 302         | 1.26       | -        |
| 2422MHz               | Pass   | PK   | 2.4236G   | 105.99         | Inf            | -Inf        | 3        | Horizontal | 302         | 1.26       | -        |
| 2422MHz               | Pass   | PK   | 2.4916G   | 59.28          | 74.00          | -14.72      | 3        | Horizontal | 302         | 1.26       | -        |
| 2422MHz               | Pass   | AV   | 4.84392G  | 34.78          | 54.00          | -19.22      | 3        | Vertical   | 204         | 1.45       | -        |
| 2422MHz               | Pass   | AV   | 7.26072G  | 39.00          | 54.00          | -15.00      | 3        | Vertical   | 327         | 1.73       | -        |
| 2422MHz               | Pass   | PK   | 4.8456G   | 46.84          | 74.00          | -27.16      | 3        | Vertical   | 204         | 1.45       | -        |
| 2422MHz               | Pass   | PK   | 7.27016G  | 52.10          | 74.00          | -21.90      | 3        | Vertical   | 327         | 1.73       | -        |
| 2422MHz               | Pass   | AV   | 4.84376G  | 34.53          | 54.00          | -19.47      | 3        | Horizontal | 147         | 2.38       | -        |
| 2422MHz               | Pass   | AV   | 7.26464G  | 39.09          | 54.00          | -14.91      | 3        | Horizontal | 319         | 1.32       | -        |
| 2422MHz               | Pass   | PK   | 4.85056G  | 46.78          | 74.00          | -27.22      | 3        | Horizontal | 147         | 2.38       | -        |
| 2422MHz               | Pass   | PK   | 7.25072G  | 51.42          | 74.00          | -22.58      | 3        | Horizontal | 319         | 1.32       | -        |
| 2427MHz               | Pass   | AV   | 2.3898G   | 53.46          | 54.00          | -0.54       | 3        | Vertical   | 229         | 2.65       | -        |
| 2427MHz               | Pass   | AV   | 2.4254G   | 99.46          | Inf            | -Inf        | 3        | Vertical   | 229         | 2.65       | -        |
| 2427MHz               | Pass   | AV   | 2.4866G   | 48.04          | 54.00          | -5.96       | 3        | Vertical   | 229         | 2.65       | -        |
| 2427MHz               | Pass   | PK   | 2.3898G   | 65.00          | 74.00          | -9.00       | 3        | Vertical   | 229         | 2.65       | -        |
| 2427MHz               | Pass   | PK   | 2.4258G   | 107.34         | Inf            | -Inf        | 3        | Vertical   | 229         | 2.65       | -        |
| 2427MHz               | Pass   | PK   | 2.4854G   | 59.00          | 74.00          | -15.00      | 3        | Vertical   | 229         | 2.65       | -        |
| 2427MHz               | Pass   | AV   | 2.3898G   | 52.26          | 54.00          | -1.74       | 3        | Horizontal | 305         | 1.56       | -        |
| 2427MHz               | Pass   | AV   | 2.4254G   | 99.33          | Inf            | -Inf        | 3        | Horizontal | 305         | 1.56       | -        |
| 2427MHz               | Pass   | AV   | 2.487G    | 48.04          | 54.00          | -5.96       | 3        | Horizontal | 305         | 1.56       | -        |
| 2427MHz               | Pass   | PK   | 2.3898G   | 64.34          | 74.00          | -9.66       | 3        | Horizontal | 305         | 1.56       | -        |
| 2427MHz               | Pass   | PK   | 2.4258G   | 107.26         | Inf            | -Inf        | 3        | Horizontal | 305         | 1.56       | -        |
| 2427MHz               | Pass   | PK   | 2.491G    | 59.45          | 74.00          | -14.55      | 3        | Horizontal | 305         | 1.56       | -        |
| 2437MHz               | Pass   | AV   | 2.3898G   | 52.63          | 54.00          | -1.37       | 3        | Vertical   | 230         | 2.59       | -        |
| 2437MHz               | Pass   | AV   | 2.4354G   | 102.13         | Inf            | -Inf        | 3        | Vertical   | 230         | 2.59       | -        |
| 2437MHz               | Pass   | AV   | 2.4835G   | 53.81          | 54.00          | -0.19       | 3        | Vertical   | 230         | 2.59       | -        |
| 2437MHz               | Pass   | PK   | 2.389G    | 66.92          | 74.00          | -7.08       | 3        | Vertical   | 230         | 2.59       | -        |
| 2437MHz               | Pass   | PK   | 2.433G    | 110.10         | Inf            | -Inf        | 3        | Vertical   | 230         | 2.59       | -        |

| Mode    | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comments |
|---------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|----------|
| 2437MHz | Pass   | PK   | 2.4854G   | 65.97          | 74.00          | -8.03       | 3        | Vertical   | 230         | 2.59       | -        |
| 2437MHz | Pass   | AV   | 2.3898G   | 52.31          | 54.00          | -1.69       | 3        | Horizontal | 303         | 1.12       | -        |
| 2437MHz | Pass   | AV   | 2.4354G   | 101.43         | Inf            | -Inf        | 3        | Horizontal | 303         | 1.12       | -        |
| 2437MHz | Pass   | AV   | 2.4835G   | 53.21          | 54.00          | -0.79       | 3        | Horizontal | 303         | 1.12       | -        |
| 2437MHz | Pass   | PK   | 2.3894G   | 65.23          | 74.00          | -8.77       | 3        | Horizontal | 303         | 1.12       | -        |
| 2437MHz | Pass   | PK   | 2.4334G   | 109.94         | Inf            | -Inf        | 3        | Horizontal | 303         | 1.12       | -        |
| 2437MHz | Pass   | PK   | 2.4846G   | 65.71          | 74.00          | -8.29       | 3        | Horizontal | 303         | 1.12       | -        |
| 2437MHz | Pass   | AV   | 4.87392G  | 42.78          | 54.00          | -11.22      | 3        | Vertical   | 330         | 1.86       | -        |
| 2437MHz | Pass   | AV   | 7.3118G   | 43.96          | 54.00          | -10.04      | 3        | Vertical   | 192         | 1.50       | -        |
| 2437MHz | Pass   | PK   | 4.87416G  | 54.66          | 74.00          | -19.34      | 3        | Vertical   | 330         | 1.86       | -        |
| 2437MHz | Pass   | PK   | 7.3094G   | 55.94          | 74.00          | -18.06      | 3        | Vertical   | 192         | 1.50       | -        |
| 2437MHz | Pass   | AV   | 4.87392G  | 40.89          | 54.00          | -13.11      | 3        | Horizontal | 329         | 2.19       | -        |
| 2437MHz | Pass   | AV   | 7.31172G  | 44.03          | 54.00          | -9.97       | 3        | Horizontal | 19          | 1.00       | -        |
| 2437MHz | Pass   | PK   | 4.87456G  | 52.58          | 74.00          | -21.42      | 3        | Horizontal | 329         | 2.19       | -        |
| 2437MHz | Pass   | PK   | 7.30756G  | 56.77          | 74.00          | -17.23      | 3        | Horizontal | 19          | 1.00       | -        |
| 2447MHz | Pass   | AV   | 2.347G    | 47.79          | 54.00          | -6.21       | 3        | Vertical   | 357         | 2.85       | -        |
| 2447MHz | Pass   | AV   | 2.4454G   | 99.71          | Inf            | -Inf        | 3        | Vertical   | 357         | 2.85       | -        |
| 2447MHz | Pass   | AV   | 2.4835G   | 53.27          | 54.00          | -0.73       | 3        | Vertical   | 357         | 2.85       | -        |
| 2447MHz | Pass   | PK   | 2.3618G   | 59.61          | 74.00          | -14.39      | 3        | Vertical   | 357         | 2.85       | -        |
| 2447MHz | Pass   | PK   | 2.4458G   | 107.68         | Inf            | -Inf        | 3        | Vertical   | 357         | 2.85       | -        |
| 2447MHz | Pass   | PK   | 2.4835G   | 67.24          | 74.00          | -6.76       | 3        | Vertical   | 357         | 2.85       | -        |
| 2447MHz | Pass   | AV   | 2.3586G   | 47.68          | 54.00          | -6.32       | 3        | Horizontal | 300         | 1.49       | -        |
| 2447MHz | Pass   | AV   | 2.4454G   | 99.53          | Inf            | -Inf        | 3        | Horizontal | 300         | 1.49       | -        |
| 2447MHz | Pass   | AV   | 2.4835G   | 53.40          | 54.00          | -0.60       | 3        | Horizontal | 300         | 1.49       | -        |
| 2447MHz | Pass   | PK   | 2.3722G   | 59.76          | 74.00          | -14.24      | 3        | Horizontal | 300         | 1.49       | -        |
| 2447MHz | Pass   | PK   | 2.4458G   | 107.32         | Inf            | -Inf        | 3        | Horizontal | 300         | 1.49       | -        |
| 2447MHz | Pass   | PK   | 2.4835G   | 67.24          | 74.00          | -6.76       | 3        | Horizontal | 300         | 1.49       | -        |
| 2452MHz | Pass   | AV   | 2.3896G   | 47.49          | 54.00          | -6.51       | 3        | Vertical   | 357         | 2.77       | -        |
| 2452MHz | Pass   | AV   | 2.4532G   | 98.42          | Inf            | -Inf        | 3        | Vertical   | 357         | 2.77       | -        |
| 2452MHz | Pass   | AV   | 2.4835G   | 53.36          | 54.00          | -0.64       | 3        | Vertical   | 357         | 2.77       | -        |
| 2452MHz | Pass   | PK   | 2.3768G   | 58.99          | 74.00          | -15.01      | 3        | Vertical   | 357         | 2.77       | -        |
| 2452MHz | Pass   | PK   | 2.4508G   | 106.29         | Inf            | -Inf        | 3        | Vertical   | 357         | 2.77       | -        |
| 2452MHz | Pass   | PK   | 2.4844G   | 65.56          | 74.00          | -8.44       | 3        | Vertical   | 357         | 2.77       | -        |
| 2452MHz | Pass   | AV   | 2.3888G   | 47.48          | 54.00          | -6.52       | 3        | Horizontal | 303         | 1.20       | -        |
| 2452MHz | Pass   | AV   | 2.4508G   | 97.70          | Inf            | -Inf        | 3        | Horizontal | 303         | 1.20       | -        |
| 2452MHz | Pass   | AV   | 2.4835G   | 53.81          | 54.00          | -0.19       | 3        | Horizontal | 303         | 1.20       | -        |
| 2452MHz | Pass   | PK   | 2.3884G   | 59.05          | 74.00          | -14.95      | 3        | Horizontal | 303         | 1.20       | -        |
| 2452MHz | Pass   | PK   | 2.4508G   | 105.65         | Inf            | -Inf        | 3        | Horizontal | 303         | 1.20       | -        |
| 2452MHz | Pass   | PK   | 2.4872G   | 66.65          | 74.00          | -7.35       | 3        | Horizontal | 303         | 1.20       | -        |
| 2452MHz | Pass   | AV   | 4.90392G  | 37.73          | 54.00          | -16.27      | 3        | Vertical   | 333         | 2.20       | -        |
| 2452MHz | Pass   | AV   | 7.3568G   | 41.75          | 54.00          | -12.25      | 3        | Vertical   | 86          | 1.00       | -        |
| 2452MHz | Pass   | PK   | 4.90448G  | 48.80          | 74.00          | -25.20      | 3        | Vertical   | 333         | 2.20       | -        |
| 2452MHz | Pass   | PK   | 7.35856G  | 54.44          | 74.00          | -19.56      | 3        | Vertical   | 86          | 1.00       | -        |
| 2452MHz | Pass   | AV   | 4.904G    | 36.67          | 54.00          | -17.33      | 3        | Horizontal | 329         | 1.02       | -        |
| 2452MHz | Pass   | AV   | 7.34528G  | 39.33          | 54.00          | -14.67      | 3        | Horizontal | 360         | 1.78       | -        |
| 2452MHz | Pass   | PK   | 4.90392G  | 48.51          | 74.00          | -25.49      | 3        | Horizontal | 329         | 1.02       | -        |
| 2452MHz | Pass   | PK   | 7.35328G  | 51.84          | 74.00          | -22.16      | 3        | Horizontal | 360         | 1.78       | -        |

# 802.11b\_Nss1,(1Mbps)\_2TX

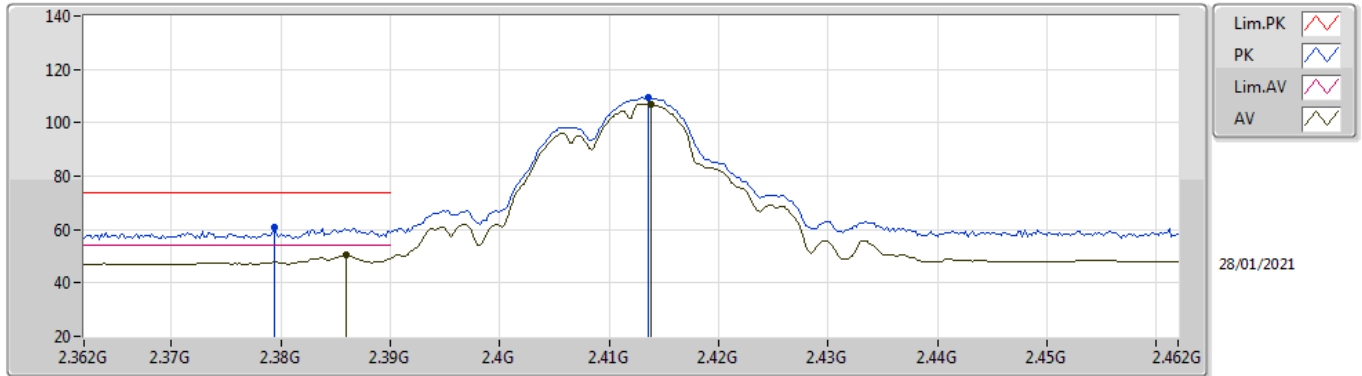
## 2412MHz\_TX



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA   |
|------|---------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB) |
| AV   | 2.386G  | 53.88    | 54.00    | -0.12  | 31.92  | 3    | Vertical  | 216     | 2.15   | -       | 21.96  | 27.63 | 4.29 | -    |
| AV   | 2.4138G | 108.28   | Inf      | -Inf   | 31.88  | 3    | Vertical  | 216     | 2.15   | -       | 76.40  | 27.57 | 4.31 | -    |
| PK   | 2.3862G | 61.78    | 74.00    | -12.22 | 31.92  | 3    | Vertical  | 216     | 2.15   | -       | 29.86  | 27.63 | 4.29 | -    |
| PK   | 2.4148G | 110.59   | Inf      | -Inf   | 31.88  | 3    | Vertical  | 216     | 2.15   | -       | 78.71  | 27.57 | 4.31 | -    |

# 802.11b\_Nss1,(1Mbps)\_2TX

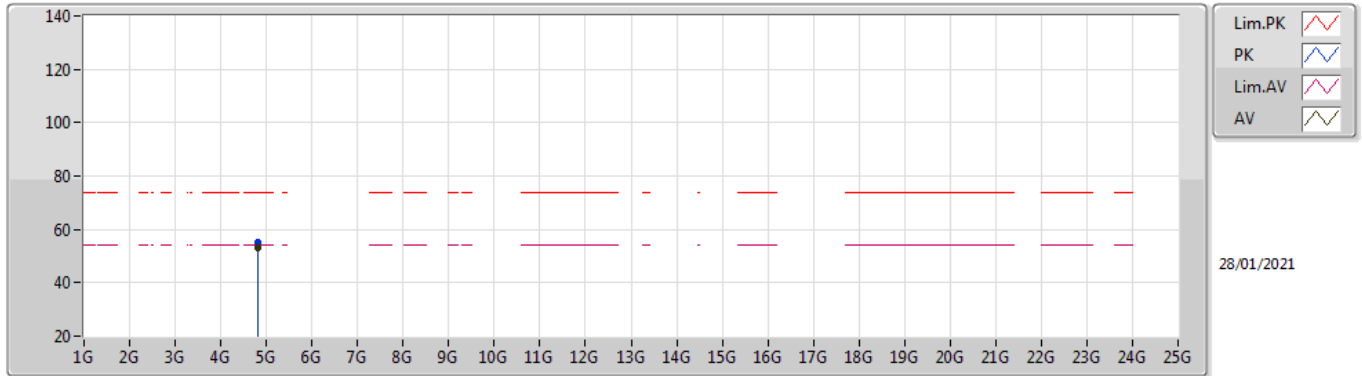
## 2412MHz\_TX



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA   |
|------|---------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB) |
| AV   | 2.386G  | 50.49    | 54.00    | -3.51  | 31.92  | 3    | Horizontal | 307     | 1.53   | -       | 18.57  | 27.63 | 4.29 | -    |
| AV   | 2.4138G | 106.96   | Inf      | -Inf   | 31.88  | 3    | Horizontal | 307     | 1.53   | -       | 75.08  | 27.57 | 4.31 | -    |
| PK   | 2.3794G | 60.90    | 74.00    | -13.10 | 31.92  | 3    | Horizontal | 307     | 1.53   | -       | 28.98  | 27.64 | 4.28 | -    |
| PK   | 2.4136G | 109.35   | Inf      | -Inf   | 31.88  | 3    | Horizontal | 307     | 1.53   | -       | 77.47  | 27.57 | 4.31 | -    |

# 802.11b\_Nss1,(1Mbps)\_2TX

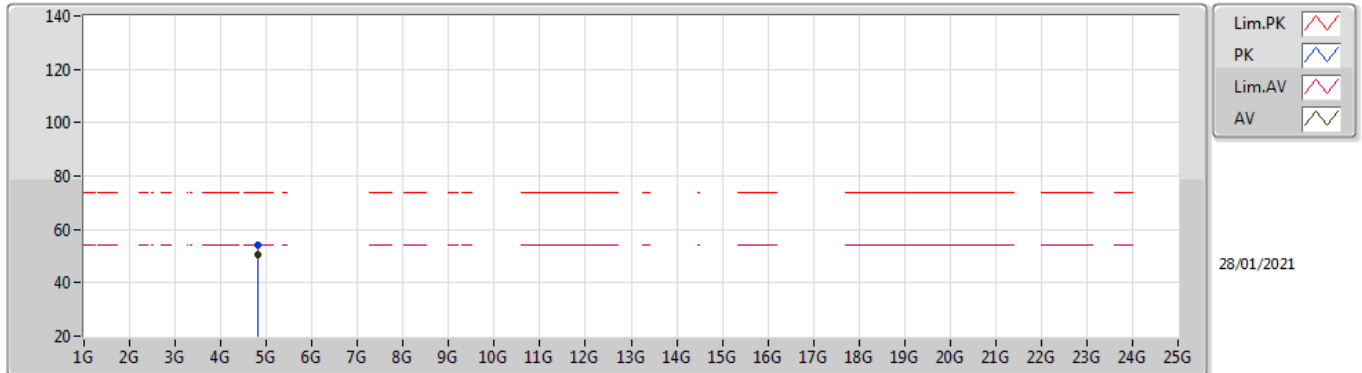
## 2412MHz\_TX



| Type | Freq     | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|----------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)     | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 4.82392G | 52.90    | 54.00    | -1.10  | 8.39   | 3    | Vertical  | 190     | 1.52   | -       | 44.51  | 31.10 | 6.52 | 29.23 |
| PK   | 4.82392G | 55.40    | 74.00    | -18.60 | 8.39   | 3    | Vertical  | 190     | 1.52   | -       | 47.01  | 31.10 | 6.52 | 29.23 |

# 802.11b\_Nss1,(1Mbps)\_2TX

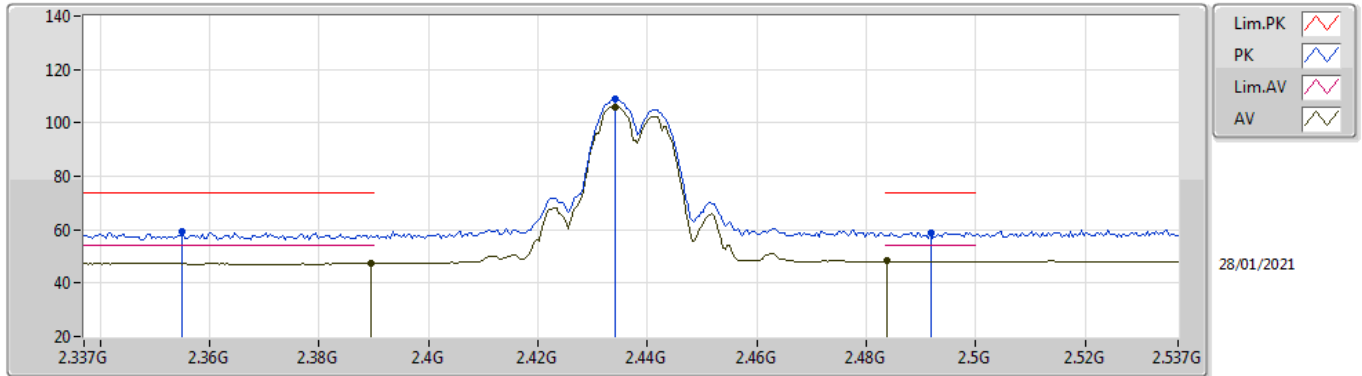
## 2412MHz\_TX



| Type | Freq     | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|----------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)     | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 4.82392G | 50.48    | 54.00    | -3.52  | 8.39   | 3    | Horizontal | 332     | 1.06   | -       | 42.09  | 31.10 | 6.52 | 29.23 |
| PK   | 4.82388G | 54.10    | 74.00    | -19.90 | 8.39   | 3    | Horizontal | 332     | 1.06   | -       | 45.71  | 31.10 | 6.52 | 29.23 |

# 802.11b\_Nss1,(1Mbps)\_2TX

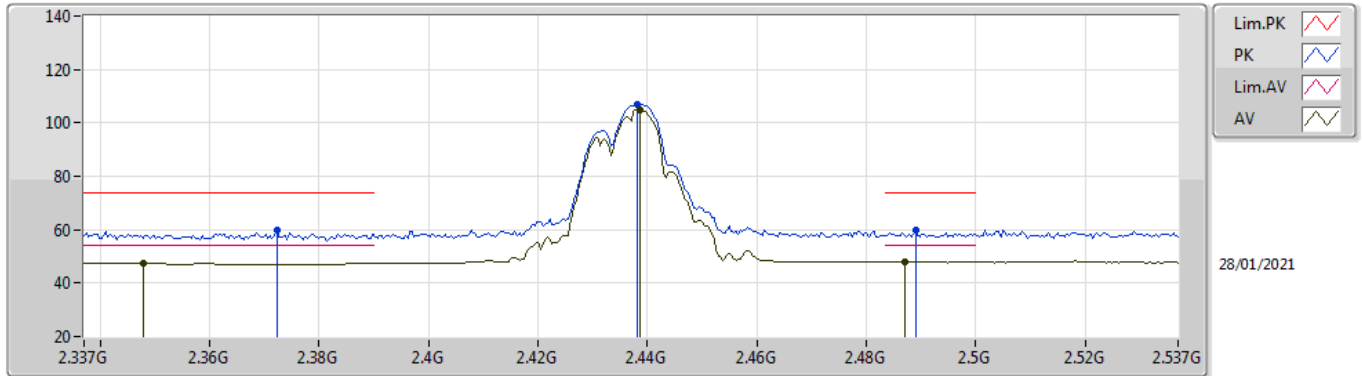
## 2437MHz\_TX



| 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   | 2.3894G      | 47.49             | 54.00             | -6.51          | 31.91          | 3           | Vertical  | 196            | 2.97          | -       | 15.58         | 27.62      | 4.29       | -          |
| AV   | 2.4342G      | 105.95            | Inf               | -Inf           | 31.86          | 3           | Vertical  | 196            | 2.97          | -       | 74.09         | 27.53      | 4.33       | -          |
| AV   | 2.4838G      | 48.35             | 54.00             | -5.65          | 31.81          | 3           | Vertical  | 196            | 2.97          | -       | 16.54         | 27.43      | 4.38       | -          |
| PK   | 2.355G       | 59.48             | 74.00             | -14.52         | 31.94          | 3           | Vertical  | 196            | 2.97          | -       | 27.54         | 27.69      | 4.25       | -          |
| PK   | 2.4342G      | 108.76            | Inf               | -Inf           | 31.86          | 3           | Vertical  | 196            | 2.97          | -       | 76.90         | 27.53      | 4.33       | -          |
| PK   | 2.4918G      | 59.04             | 74.00             | -14.96         | 31.81          | 3           | Vertical  | 196            | 2.97          | -       | 27.23         | 27.42      | 4.39       | -          |

# 802.11b\_Nss1,(1Mbps)\_2TX

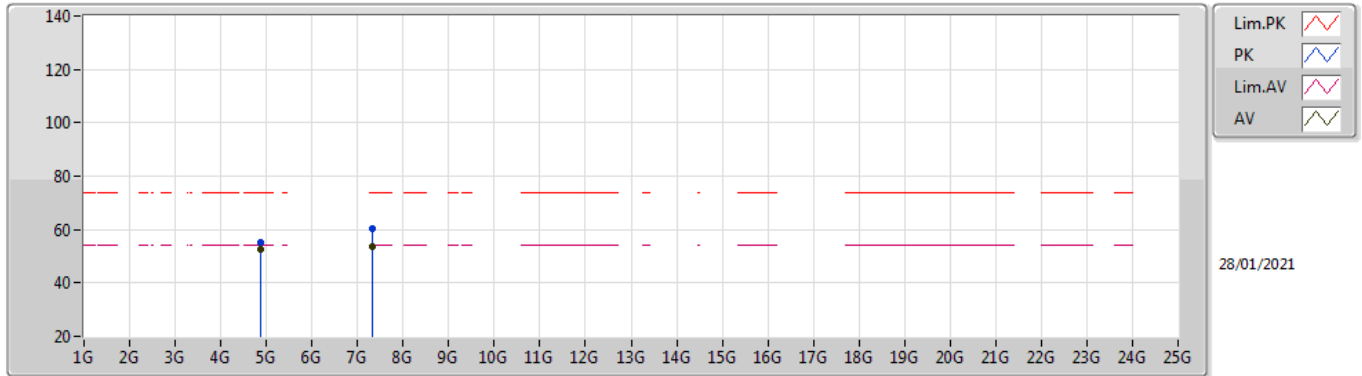
## 2437MHz\_TX



| 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   | 2.3478G      | 47.48             | 54.00             | -6.52          | 31.96          | 3           | Horizontal | 304            | 1.00          | -       | 15.52         | 27.71      | 4.25       | -          |
| AV   | 2.4386G      | 104.67            | Inf               | -Inf           | 31.86          | 3           | Horizontal | 304            | 1.00          | -       | 72.81         | 27.52      | 4.34       | -          |
| AV   | 2.487G       | 48.09             | 54.00             | -5.91          | 31.82          | 3           | Horizontal | 304            | 1.00          | -       | 16.27         | 27.43      | 4.39       | -          |
| PK   | 2.3722G      | 59.61             | 74.00             | -14.39         | 31.93          | 3           | Horizontal | 304            | 1.00          | -       | 27.68         | 27.66      | 4.27       | -          |
| PK   | 2.4382G      | 107.12            | Inf               | -Inf           | 31.86          | 3           | Horizontal | 304            | 1.00          | -       | 75.26         | 27.52      | 4.34       | -          |
| PK   | 2.489G       | 59.72             | 74.00             | -14.28         | 31.81          | 3           | Horizontal | 304            | 1.00          | -       | 27.91         | 27.42      | 4.39       | -          |

# 802.11b\_Nss1,(1Mbps)\_2TX

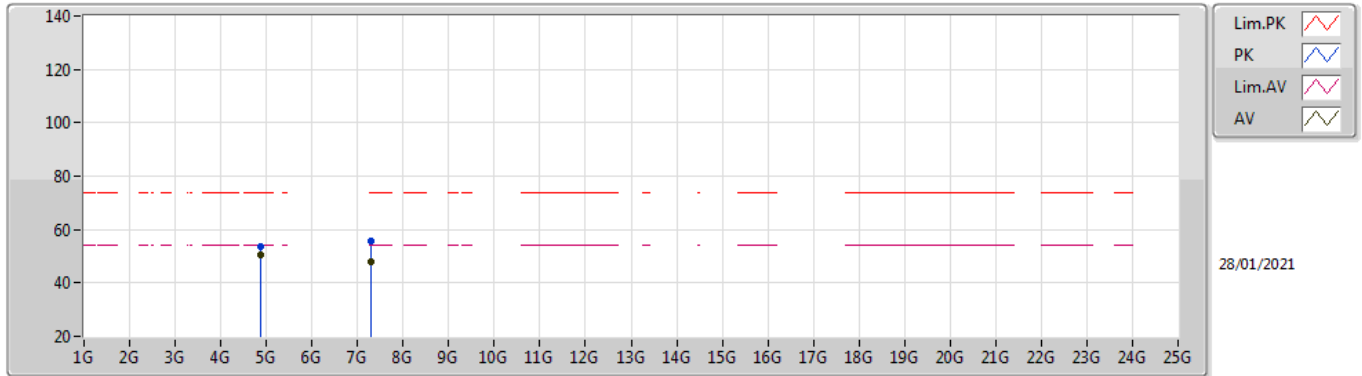
## 2437MHz\_TX



| Type | Freq     | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|----------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)     | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 4.87392G | 52.81    | 54.00    | -1.19  | 8.46   | 3    | Vertical  | 332     | 1.87   | -       | 44.35  | 31.10 | 6.57 | 29.21 |
| AV   | 7.31168G | 53.57    | 54.00    | -0.43  | 13.76  | 3    | Vertical  | 84      | 2.04   | -       | 39.81  | 36.32 | 7.60 | 30.16 |
| PK   | 4.87392G | 55.37    | 74.00    | -18.63 | 8.46   | 3    | Vertical  | 332     | 1.87   | -       | 46.91  | 31.10 | 6.57 | 29.21 |
| PK   | 7.31096G | 60.14    | 74.00    | -13.86 | 13.76  | 3    | Vertical  | 84      | 2.04   | -       | 46.38  | 36.32 | 7.60 | 30.16 |

# 802.11b\_Nss1,(1Mbps)\_2TX

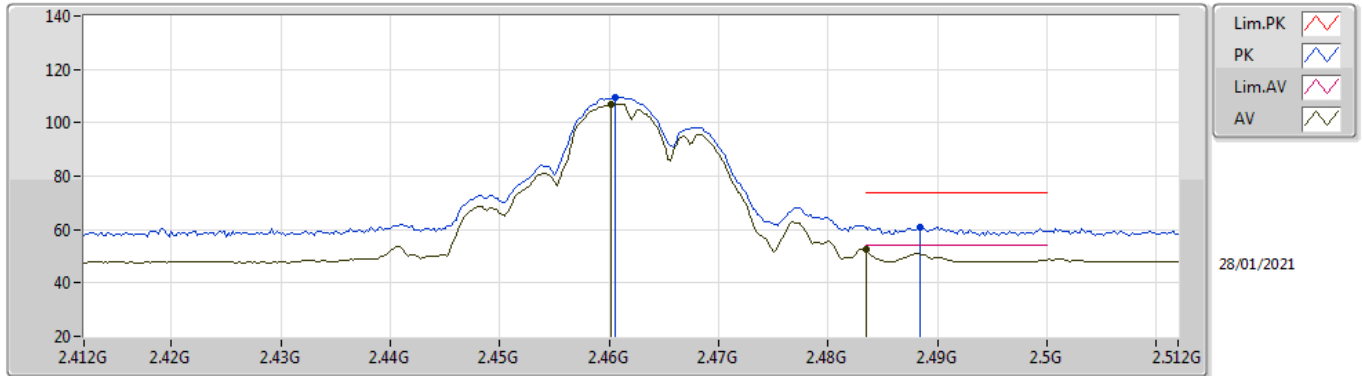
## 2437MHz\_TX



| 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   | 4.87396G     | 50.33             | 54.00             | -3.67          | 8.46           | 3           | Horizontal | 330            | 1.26          | -       | 41.87         | 31.10      | 6.57       | 29.21      |
| AV   | 7.31012G     | 48.00             | 54.00             | -6.00          | 13.76          | 3           | Horizontal | 186            | 1.00          | -       | 34.24         | 36.32      | 7.60       | 30.16      |
| PK   | 4.874G       | 53.78             | 74.00             | -20.22         | 8.46           | 3           | Horizontal | 330            | 1.26          | -       | 45.32         | 31.10      | 6.57       | 29.21      |
| PK   | 7.30884G     | 55.65             | 74.00             | -18.35         | 13.76          | 3           | Horizontal | 186            | 1.00          | -       | 41.89         | 36.32      | 7.60       | 30.16      |

# 802.11b\_Nss1,(1Mbps)\_2TX

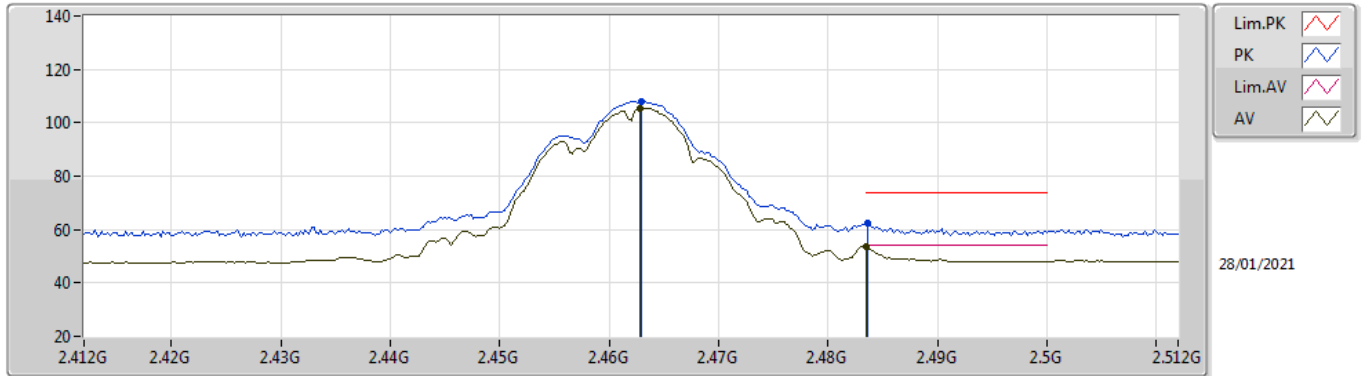
## 2462MHz\_TX



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA   |
|------|---------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB) |
| AV   | 2.4602G | 107.11   | Inf      | -Inf   | 31.84  | 3    | Vertical  | 353     | 2.76   | -       | 75.27  | 27.48 | 4.36 | -    |
| AV   | 2.4835G | 52.40    | 54.00    | -1.60  | 31.81  | 3    | Vertical  | 353     | 2.76   | -       | 20.59  | 27.43 | 4.38 | -    |
| PK   | 2.4606G | 109.46   | Inf      | -Inf   | 31.84  | 3    | Vertical  | 353     | 2.76   | -       | 77.62  | 27.48 | 4.36 | -    |
| PK   | 2.4884G | 60.95    | 74.00    | -13.05 | 31.81  | 3    | Vertical  | 353     | 2.76   | -       | 29.14  | 27.42 | 4.39 | -    |

# 802.11b\_Nss1,(1Mbps)\_2TX

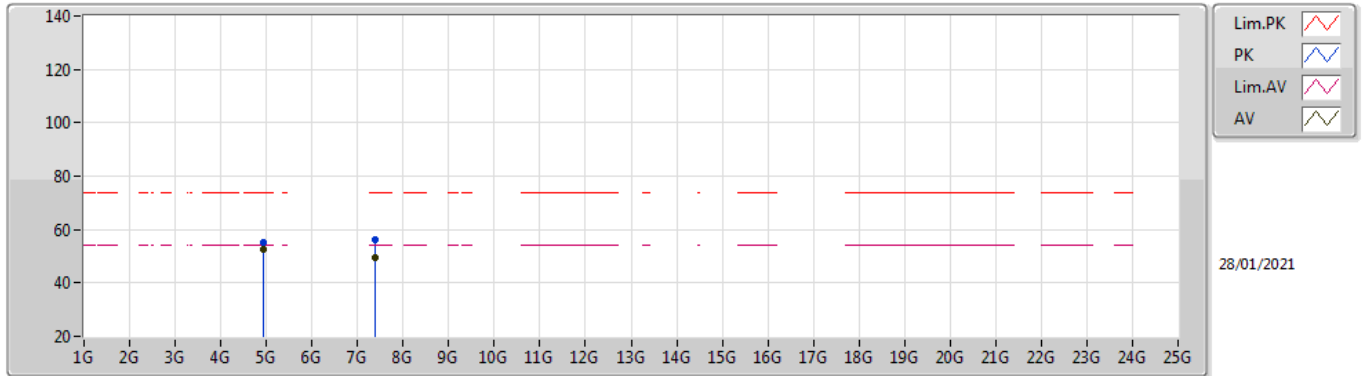
## 2462MHz\_TX



| 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   | 2.4628G      | 105.54            | Inf               | -Inf           | 31.83          | 3           | Horizontal | 302            | 1.25          | -       | 73.71         | 27.47      | 4.36       | -          |
| AV   | 2.4835G      | 53.66             | 54.00             | -0.34          | 31.81          | 3           | Horizontal | 302            | 1.25          | -       | 21.85         | 27.43      | 4.38       | -          |
| PK   | 2.463G       | 107.99            | Inf               | -Inf           | 31.83          | 3           | Horizontal | 302            | 1.25          | -       | 76.16         | 27.47      | 4.36       | -          |
| PK   | 2.4836G      | 62.34             | 74.00             | -11.66         | 31.81          | 3           | Horizontal | 302            | 1.25          | -       | 30.53         | 27.43      | 4.38       | -          |

# 802.11b\_Nss1,(1Mbps)\_2TX

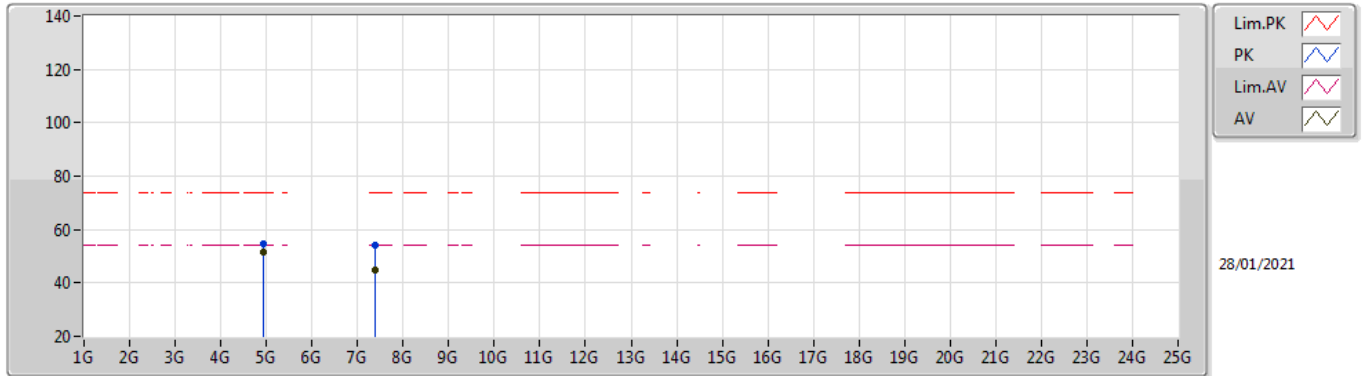
## 2462MHz\_TX



| Type | Freq     | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|----------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)     | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 4.92396G | 52.45    | 54.00    | -1.55  | 8.58   | 3    | Vertical  | 331     | 1.61   | -       | 43.87  | 31.15 | 6.62 | 29.19 |
| AV   | 7.38308G | 49.45    | 54.00    | -4.55  | 13.52  | 3    | Vertical  | 90      | 1.00   | -       | 35.93  | 36.14 | 7.60 | 30.22 |
| PK   | 4.924G   | 55.31    | 74.00    | -18.69 | 8.58   | 3    | Vertical  | 331     | 1.61   | -       | 46.73  | 31.15 | 6.62 | 29.19 |
| PK   | 7.39032G | 56.41    | 74.00    | -17.59 | 13.46  | 3    | Vertical  | 90      | 1.00   | -       | 42.95  | 36.08 | 7.60 | 30.22 |

# 802.11b\_Nss1,(1Mbps)\_2TX

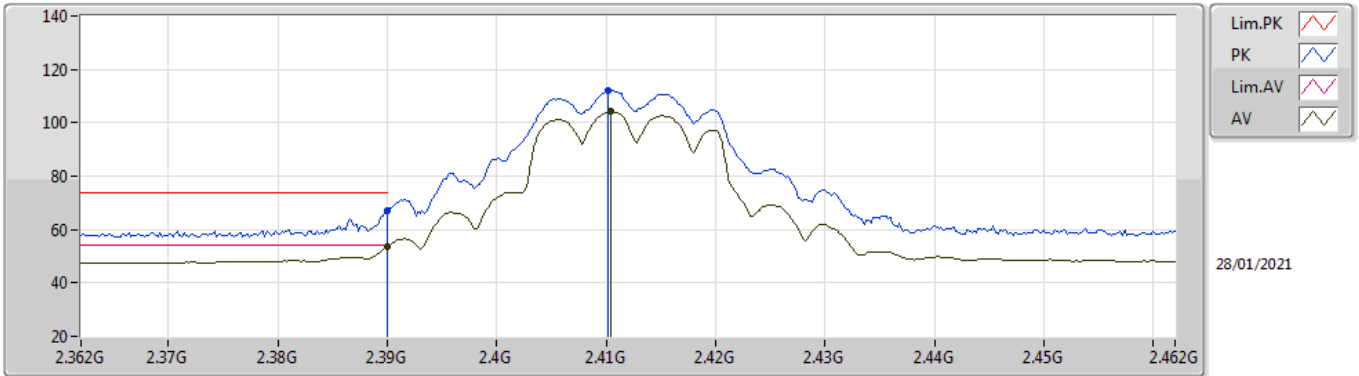
## 2462MHz\_TX



| Type | Freq     | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|----------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)     | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 4.92392G | 51.35    | 54.00    | -2.65  | 8.58   | 3    | Horizontal | 330     | 1.31   | -       | 42.77  | 31.15 | 6.62 | 29.19 |
| AV   | 7.38864G | 44.73    | 54.00    | -9.27  | 13.47  | 3    | Horizontal | 20      | 1.98   | -       | 31.26  | 36.09 | 7.60 | 30.22 |
| PK   | 4.92392G | 54.55    | 74.00    | -19.45 | 8.58   | 3    | Horizontal | 330     | 1.31   | -       | 45.97  | 31.15 | 6.62 | 29.19 |
| PK   | 7.38844G | 54.12    | 74.00    | -19.88 | 13.47  | 3    | Horizontal | 20      | 1.98   | -       | 40.65  | 36.09 | 7.60 | 30.22 |

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

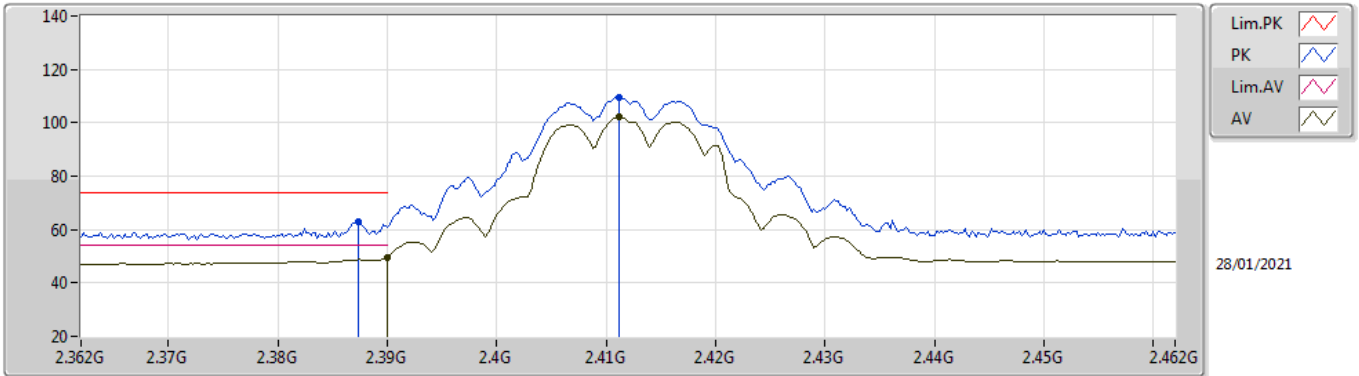
## 2412MHz\_TX



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA   |
|------|---------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB) |
| AV   | 2.39G   | 53.65    | 54.00    | -0.35  | 31.91  | 3    | Vertical  | 211     | 2.46   | -       | 21.74  | 27.62 | 4.29 | -    |
| AV   | 2.4104G | 104.10   | Inf      | -Inf   | 31.89  | 3    | Vertical  | 211     | 2.46   | -       | 72.21  | 27.58 | 4.31 | -    |
| PK   | 2.39G   | 66.85    | 74.00    | -7.15  | 31.91  | 3    | Vertical  | 211     | 2.46   | -       | 34.94  | 27.62 | 4.29 | -    |
| PK   | 2.4102G | 112.01   | Inf      | -Inf   | 31.89  | 3    | Vertical  | 211     | 2.46   | -       | 80.12  | 27.58 | 4.31 | -    |

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

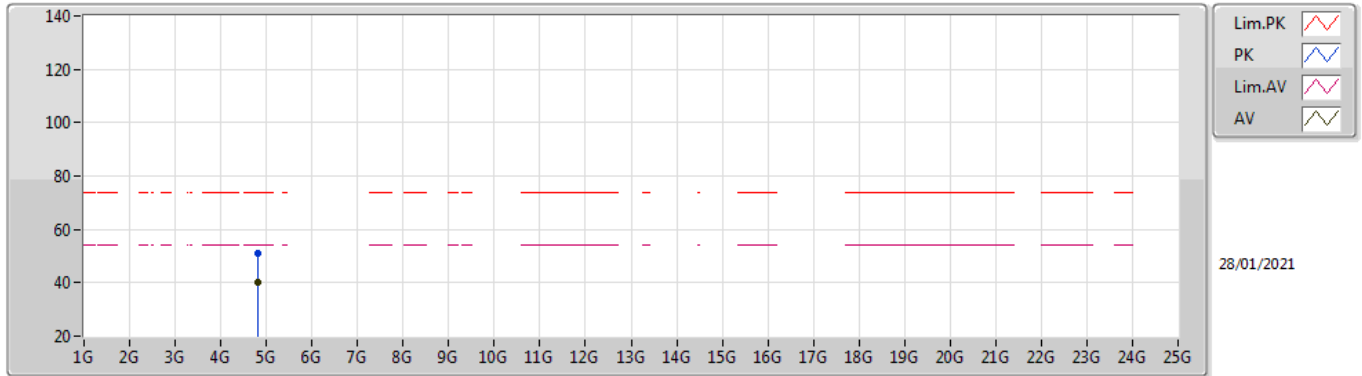
## 2412MHz\_TX



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA   |
|------|---------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB) |
| AV   | 2.39G   | 49.71    | 54.00    | -4.29  | 31.91  | 3    | Horizontal | 305     | 1.54   | -       | 17.80  | 27.62 | 4.29 | -    |
| AV   | 2.4112G | 102.19   | Inf      | -Inf   | 31.89  | 3    | Horizontal | 305     | 1.54   | -       | 70.30  | 27.58 | 4.31 | -    |
| PK   | 2.3874G | 63.04    | 74.00    | -10.96 | 31.92  | 3    | Horizontal | 305     | 1.54   | -       | 31.12  | 27.63 | 4.29 | -    |
| PK   | 2.4112G | 109.65   | Inf      | -Inf   | 31.89  | 3    | Horizontal | 305     | 1.54   | -       | 77.76  | 27.58 | 4.31 | -    |

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

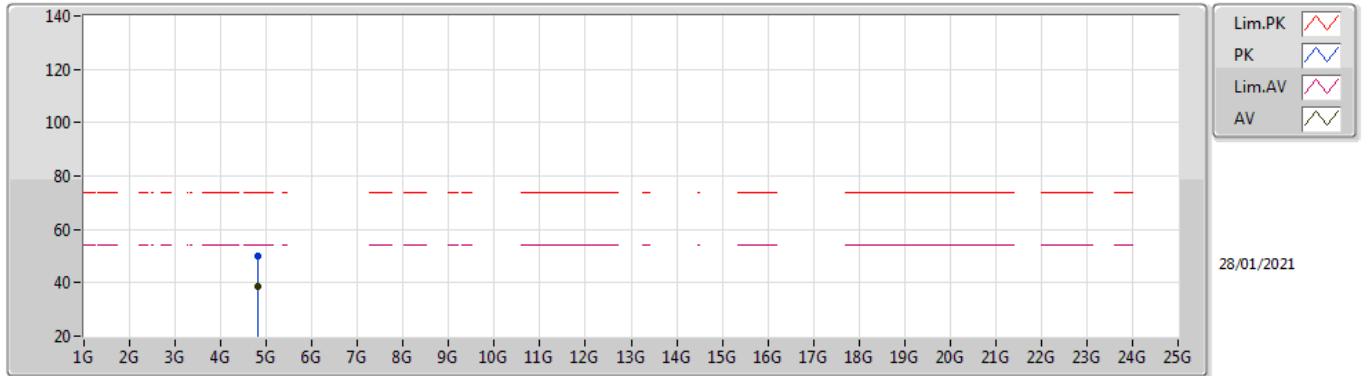
## 2412MHz\_TX



| Type | Freq     | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|----------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)     | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 4.82392G | 40.26    | 54.00    | -13.74 | 8.39   | 3    | Vertical  | 188     | 1.70   | -       | 31.87  | 31.10 | 6.52 | 29.23 |
| PK   | 4.82708G | 50.91    | 74.00    | -23.09 | 8.40   | 3    | Vertical  | 188     | 1.70   | -       | 42.51  | 31.10 | 6.53 | 29.23 |

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

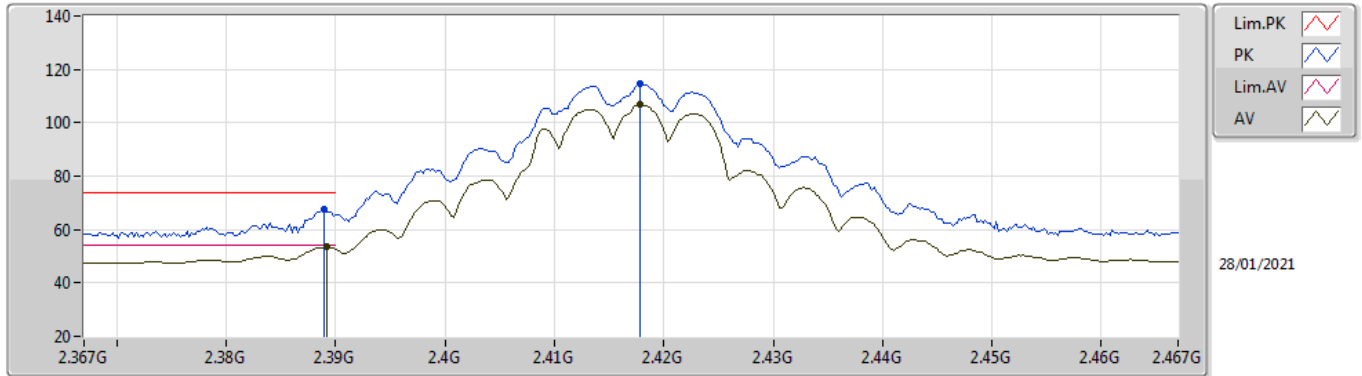
### 2412MHz\_TX



| Type | Freq     | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|----------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)     | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 4.82388G | 38.82    | 54.00    | -15.18 | 8.39   | 3    | Horizontal | 330     | 2.12   | -       | 30.43  | 31.10 | 6.52 | 29.23 |
| PK   | 4.82404G | 49.85    | 74.00    | -24.15 | 8.39   | 3    | Horizontal | 330     | 2.12   | -       | 41.46  | 31.10 | 6.52 | 29.23 |

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

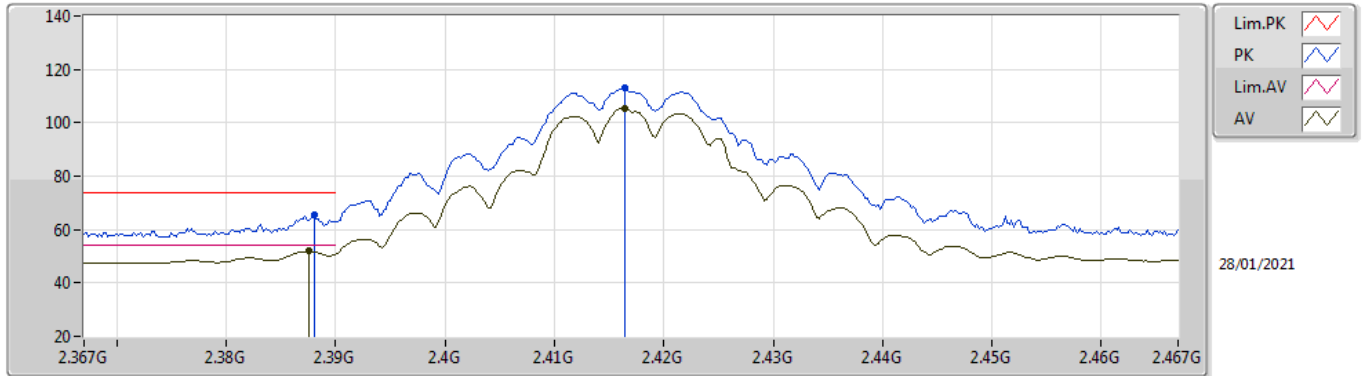
## 2417MHz\_TX



| 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   | 2.3892G      | 53.45             | 54.00             | -0.55          | 31.91          | 3           | Vertical  | 0              | 2.10          | -       | 21.54         | 27.62      | 4.29       | -          |
| AV   | 2.4178G      | 106.74            | Inf               | -Inf           | 31.88          | 3           | Vertical  | 0              | 2.10          | -       | 74.86         | 27.56      | 4.32       | -          |
| PK   | 2.389G       | 67.39             | 74.00             | -6.61          | 31.91          | 3           | Vertical  | 0              | 2.10          | -       | 35.48         | 27.62      | 4.29       | -          |
| PK   | 2.4178G      | 114.42            | Inf               | -Inf           | 31.88          | 3           | Vertical  | 0              | 2.10          | -       | 82.54         | 27.56      | 4.32       | -          |

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

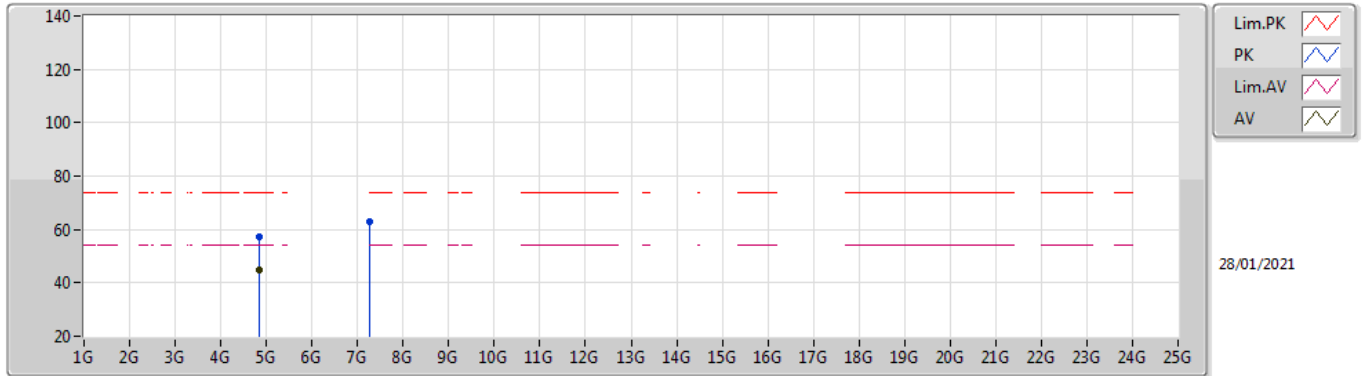
## 2417MHz\_TX



| 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   | 2.3876G      | 51.90             | 54.00             | -2.10          | 31.91          | 3           | Horizontal | 305            | 1.00          | -       | 19.99         | 27.62      | 4.29       | -          |
| AV   | 2.4164G      | 105.57            | Inf               | -Inf           | 31.89          | 3           | Horizontal | 305            | 1.00          | -       | 73.68         | 27.57      | 4.32       | -          |
| PK   | 2.388G       | 65.48             | 74.00             | -8.52          | 31.91          | 3           | Horizontal | 305            | 1.00          | -       | 33.57         | 27.62      | 4.29       | -          |
| PK   | 2.4164G      | 113.11            | Inf               | -Inf           | 31.89          | 3           | Horizontal | 305            | 1.00          | -       | 81.22         | 27.57      | 4.32       | -          |

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

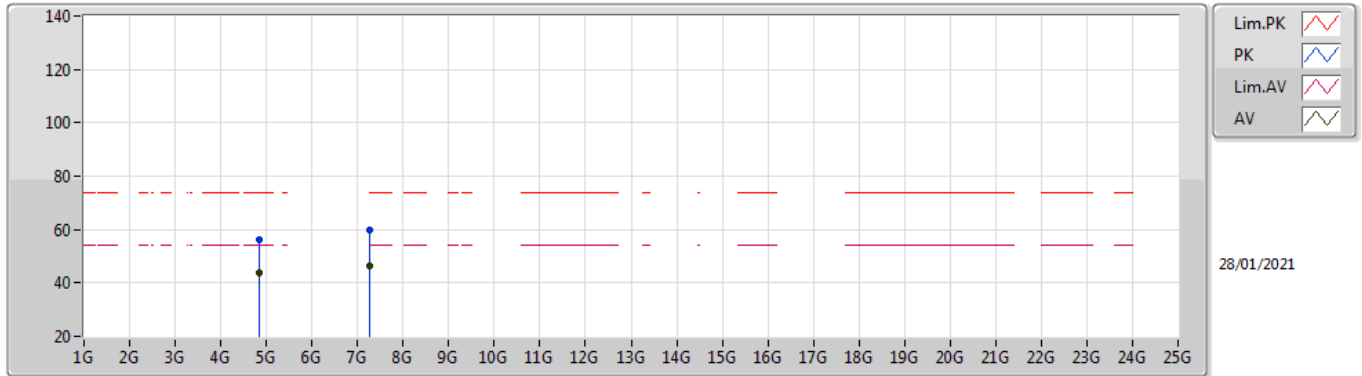
## 2417MHz\_TX



| Type | Freq     | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|----------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)     | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 4.83236G | 44.90    | 54.00    | -9.10  | 8.41   | 3    | Vertical  | 90      | 2.15   | -       | 36.49  | 31.10 | 6.53 | 29.22 |
| PK   | 4.83692G | 57.29    | 74.00    | -16.71 | 8.42   | 3    | Vertical  | 90      | 2.15   | -       | 48.87  | 31.10 | 6.54 | 29.22 |
| PK   | 7.25028G | 63.02    | 74.00    | -10.98 | 13.78  | 3    | Vertical  | 93      | 1.99   | -       | 49.24  | 36.30 | 7.60 | 30.12 |

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

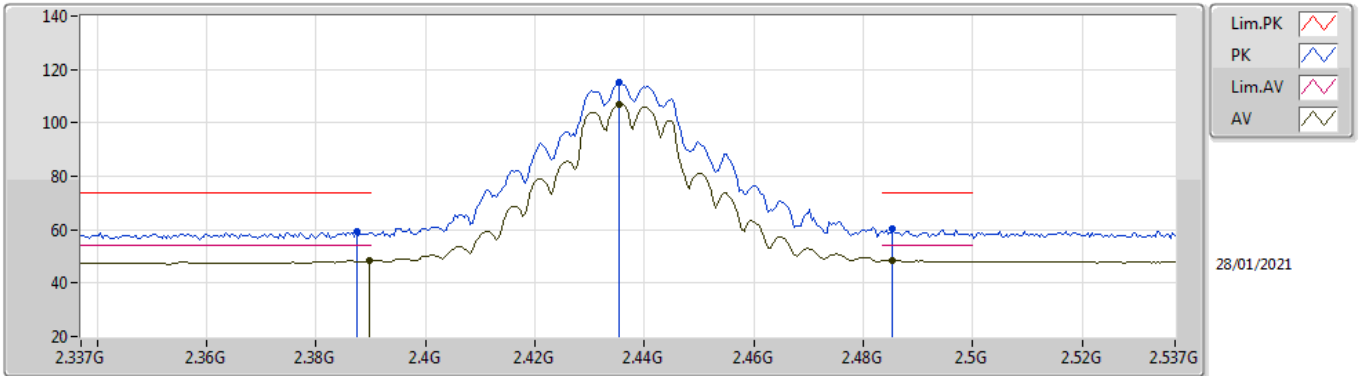
## 2417MHz\_TX



| Type | Freq     | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|----------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)     | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 4.83608G | 43.79    | 54.00    | -10.21 | 8.42   | 3    | Horizontal | 302     | 2.05   | -       | 35.37  | 31.10 | 6.54 | 29.22 |
| AV   | 7.25016G | 46.52    | 54.00    | -7.48  | 13.78  | 3    | Horizontal | 200     | 1.42   | -       | 32.74  | 36.30 | 7.60 | 30.12 |
| PK   | 4.83108G | 56.01    | 74.00    | -17.99 | 8.41   | 3    | Horizontal | 302     | 2.05   | -       | 47.60  | 31.10 | 6.53 | 29.22 |
| PK   | 7.2506G  | 59.57    | 74.00    | -14.43 | 13.78  | 3    | Horizontal | 200     | 1.42   | -       | 45.79  | 36.30 | 7.60 | 30.12 |

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

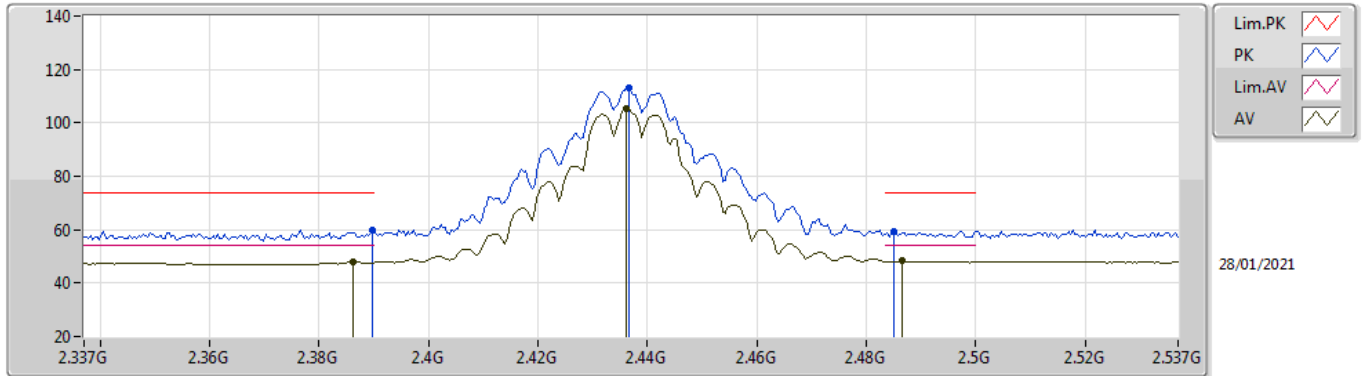
## 2437MHz\_TX



| 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   | 2.3898G      | 48.29             | 54.00             | -5.71          | 31.91          | 3           | Vertical  | 212            | 2.64          | -       | 16.38         | 27.62      | 4.29       | -          |
| AV   | 2.4354G      | 107.00            | Inf               | -Inf           | 31.87          | 3           | Vertical  | 212            | 2.64          | -       | 75.13         | 27.53      | 4.34       | -          |
| AV   | 2.4854G      | 48.63             | 54.00             | -5.37          | 31.82          | 3           | Vertical  | 212            | 2.64          | -       | 16.81         | 27.43      | 4.39       | -          |
| PK   | 2.3874G      | 59.26             | 74.00             | -14.74         | 31.92          | 3           | Vertical  | 212            | 2.64          | -       | 27.34         | 27.63      | 4.29       | -          |
| PK   | 2.4354G      | 115.30            | Inf               | -Inf           | 31.87          | 3           | Vertical  | 212            | 2.64          | -       | 83.43         | 27.53      | 4.34       | -          |
| PK   | 2.4854G      | 60.09             | 74.00             | -13.91         | 31.82          | 3           | Vertical  | 212            | 2.64          | -       | 28.27         | 27.43      | 4.39       | -          |

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

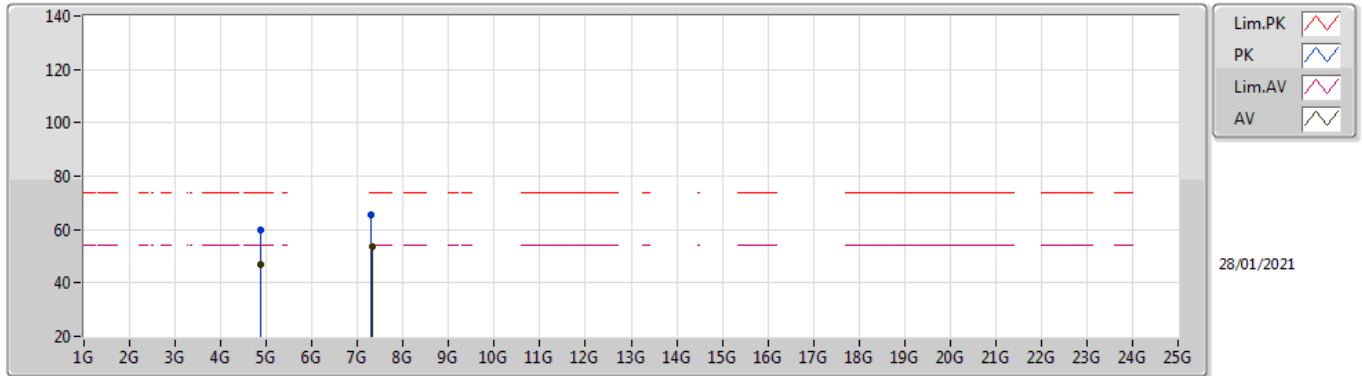
## 2437MHz\_TX



| 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   | 2.3862G      | 48.00             | 54.00             | -6.00          | 31.92          | 3           | Horizontal | 303            | 1.12          | -       | 16.08         | 27.63      | 4.29       | -          |
| AV   | 2.4362G      | 105.40            | Inf               | -Inf           | 31.87          | 3           | Horizontal | 303            | 1.12          | -       | 73.53         | 27.53      | 4.34       | -          |
| AV   | 2.4866G      | 48.36             | 54.00             | -5.64          | 31.82          | 3           | Horizontal | 303            | 1.12          | -       | 16.54         | 27.43      | 4.39       | -          |
| PK   | 2.3898G      | 59.91             | 74.00             | -14.09         | 31.91          | 3           | Horizontal | 303            | 1.12          | -       | 28.00         | 27.62      | 4.29       | -          |
| PK   | 2.4366G      | 112.97            | Inf               | -Inf           | 31.87          | 3           | Horizontal | 303            | 1.12          | -       | 81.10         | 27.53      | 4.34       | -          |
| PK   | 2.485G       | 59.35             | 74.00             | -14.65         | 31.81          | 3           | Horizontal | 303            | 1.12          | -       | 27.54         | 27.43      | 4.38       | -          |

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

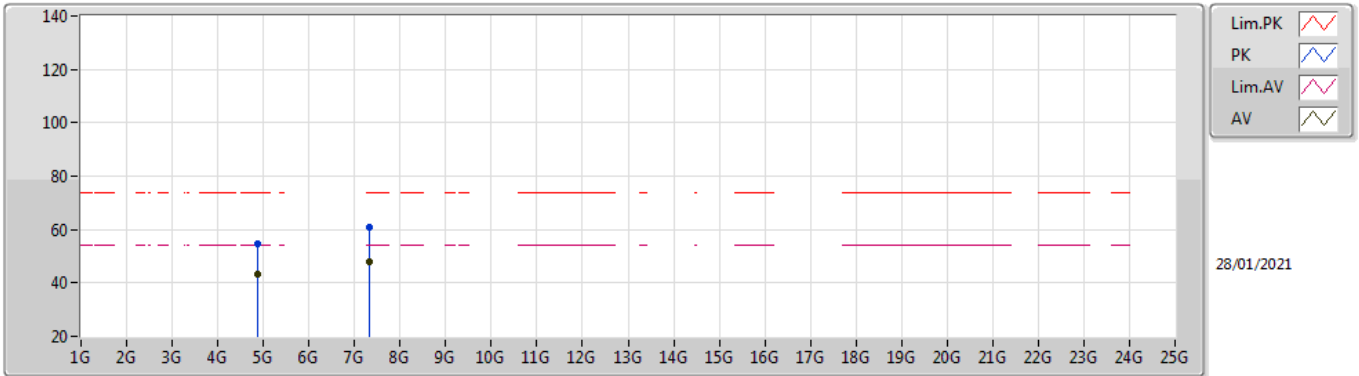
## 2437MHz\_TX



| Type | Freq     | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|----------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)     | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 4.87248G | 47.03    | 54.00    | -6.97  | 8.46   | 3    | Vertical  | 87      | 1.05   | -       | 38.57  | 31.10 | 6.57 | 29.21 |
| AV   | 7.31168G | 53.62    | 54.00    | -0.38  | 13.76  | 3    | Vertical  | 100     | 1.05   | -       | 39.86  | 36.32 | 7.60 | 30.16 |
| PK   | 4.87704G | 59.78    | 74.00    | -14.22 | 8.47   | 3    | Vertical  | 87      | 1.05   | -       | 51.31  | 31.10 | 6.58 | 29.21 |
| PK   | 7.30584G | 65.55    | 74.00    | -8.45  | 13.75  | 3    | Vertical  | 100     | 1.05   | -       | 51.80  | 36.31 | 7.60 | 30.16 |

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

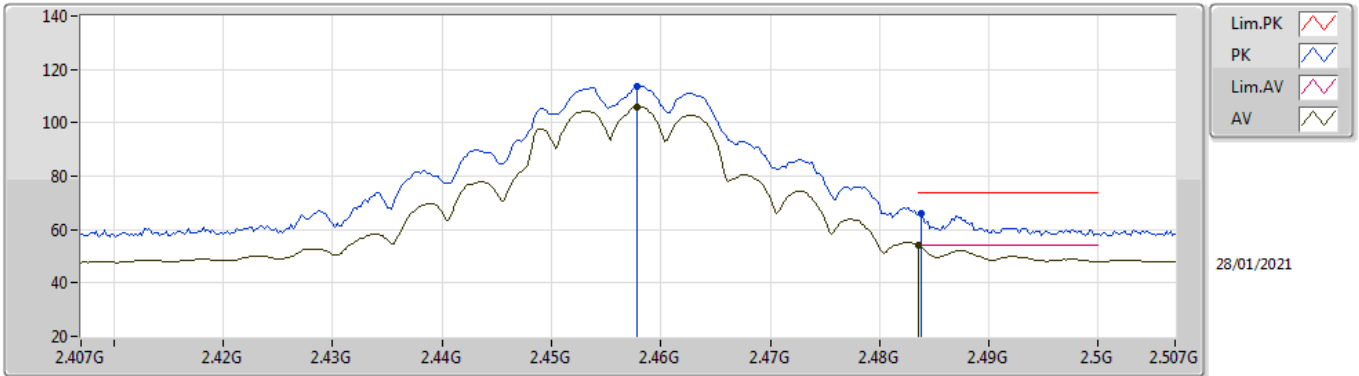
## 2437MHz\_TX



| 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   | 4.8738G      | 43.40             | 54.00             | -10.60         | 8.46           | 3           | Horizontal | 328            | 2.19          | -       | 34.94         | 31.10      | 6.57       | 29.21      |
| AV   | 7.31316G     | 48.17             | 54.00             | -5.83          | 13.76          | 3           | Horizontal | 19             | 1.00          | -       | 34.41         | 36.33      | 7.60       | 30.17      |
| PK   | 4.86848G     | 54.64             | 74.00             | -19.36         | 8.46           | 3           | Horizontal | 328            | 2.19          | -       | 46.18         | 31.10      | 6.57       | 29.21      |
| PK   | 7.31316G     | 61.03             | 74.00             | -12.97         | 13.76          | 3           | Horizontal | 19             | 1.00          | -       | 47.27         | 36.33      | 7.60       | 30.17      |

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

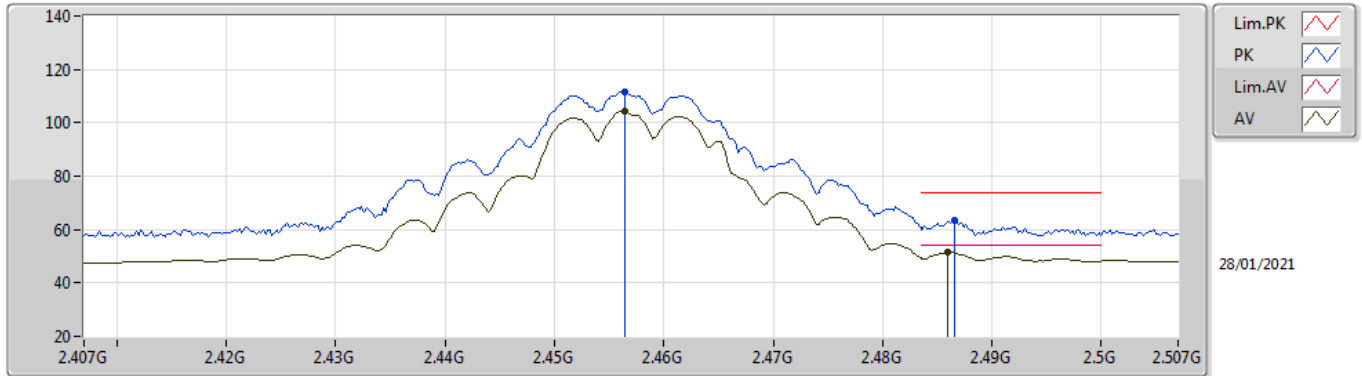
## 2457MHz\_TX



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA   |
|------|---------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB) |
| AV   | 2.4578G | 106.06   | Inf      | -Inf   | 31.84  | 3    | Vertical  | 354     | 2.86   | -       | 74.22  | 27.48 | 4.36 | -    |
| AV   | 2.4835G | 53.90    | 54.00    | -0.10  | 31.81  | 3    | Vertical  | 354     | 2.86   | -       | 22.09  | 27.43 | 4.38 | -    |
| PK   | 2.4578G | 113.76   | Inf      | -Inf   | 31.84  | 3    | Vertical  | 354     | 2.86   | -       | 81.92  | 27.48 | 4.36 | -    |
| PK   | 2.4838G | 66.05    | 74.00    | -7.95  | 31.81  | 3    | Vertical  | 354     | 2.86   | -       | 34.24  | 27.43 | 4.38 | -    |

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

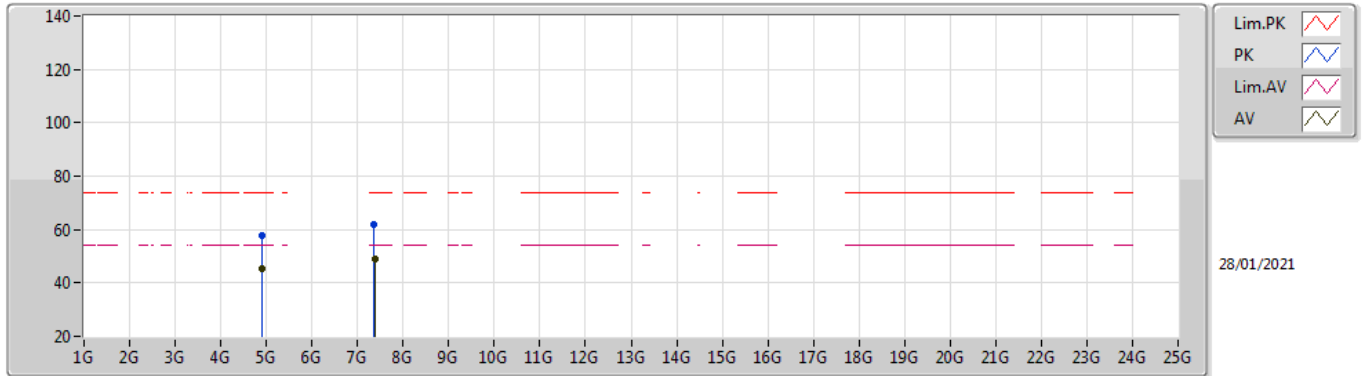
## 2457MHz\_TX



| 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   | 2.4564G      | 104.26            | Inf               | -Inf           | 31.85          | 3           | Horizontal | 305            | 1.20          | -       | 72.41         | 27.49      | 4.36       | -          |
| AV   | 2.486G       | 51.46             | 54.00             | -2.54          | 31.82          | 3           | Horizontal | 305            | 1.20          | -       | 19.64         | 27.43      | 4.39       | -          |
| PK   | 2.4564G      | 111.81            | Inf               | -Inf           | 31.85          | 3           | Horizontal | 305            | 1.20          | -       | 79.96         | 27.49      | 4.36       | -          |
| PK   | 2.4866G      | 63.23             | 74.00             | -10.77         | 31.82          | 3           | Horizontal | 305            | 1.20          | -       | 31.41         | 27.43      | 4.39       | -          |

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

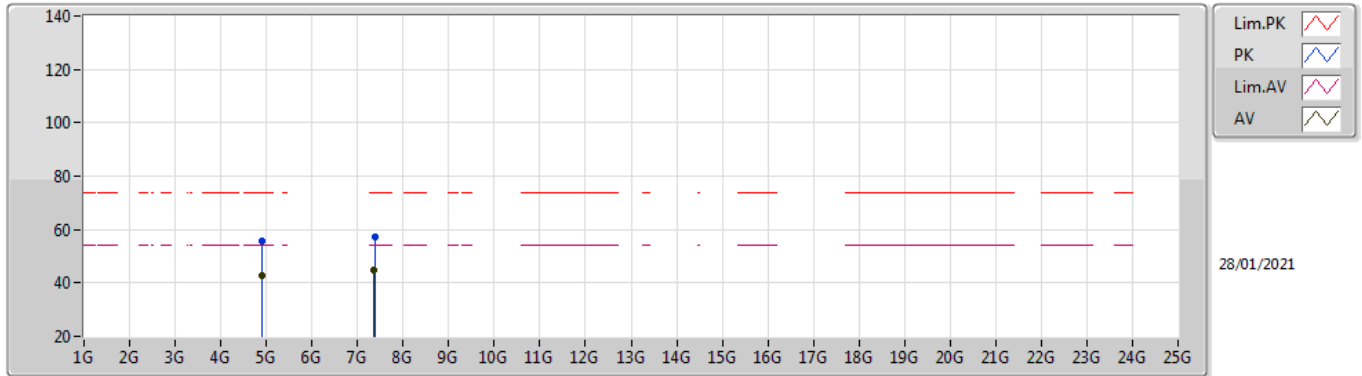
## 2457MHz\_TX



| 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   | 4.91256G     | 45.19             | 54.00             | -8.81          | 8.54           | 3           | Vertical  | 85             | 2.24          | -       | 36.65         | 31.13      | 6.61       | 29.20      |
| AV   | 7.37112G     | 48.94             | 54.00             | -5.06          | 13.62          | 3           | Vertical  | 86             | 2.04          | -       | 35.32         | 36.23      | 7.60       | 30.21      |
| PK   | 4.91704G     | 57.58             | 74.00             | -16.42         | 8.55           | 3           | Vertical  | 85             | 2.24          | -       | 49.03         | 31.13      | 6.62       | 29.20      |
| PK   | 7.37064G     | 61.95             | 74.00             | -12.05         | 13.62          | 3           | Vertical  | 86             | 2.04          | -       | 48.33         | 36.23      | 7.60       | 30.21      |

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

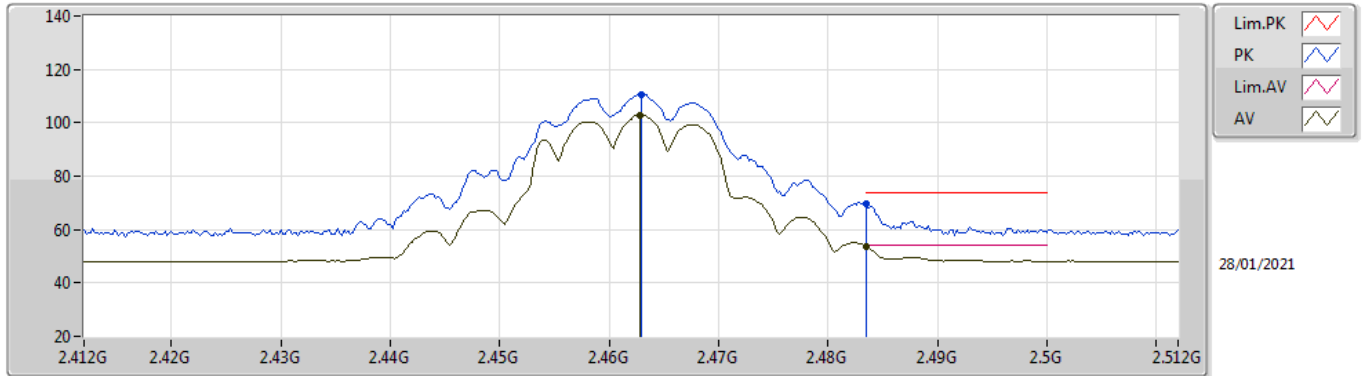
## 2457MHz\_TX



| Type | Freq     | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|----------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)     | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 4.91572G | 42.77    | 54.00    | -11.23 | 8.55   | 3    | Horizontal | 301     | 2.05   | -       | 34.22  | 31.13 | 6.62 | 29.20 |
| AV   | 7.3678G  | 44.95    | 54.00    | -9.05  | 13.66  | 3    | Horizontal | 197     | 1.94   | -       | 31.29  | 36.26 | 7.60 | 30.20 |
| PK   | 4.91524G | 55.53    | 74.00    | -18.47 | 8.55   | 3    | Horizontal | 301     | 2.05   | -       | 46.98  | 31.13 | 6.62 | 29.20 |
| PK   | 7.3732G  | 57.45    | 74.00    | -16.55 | 13.60  | 3    | Horizontal | 197     | 1.94   | -       | 43.85  | 36.21 | 7.60 | 30.21 |

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

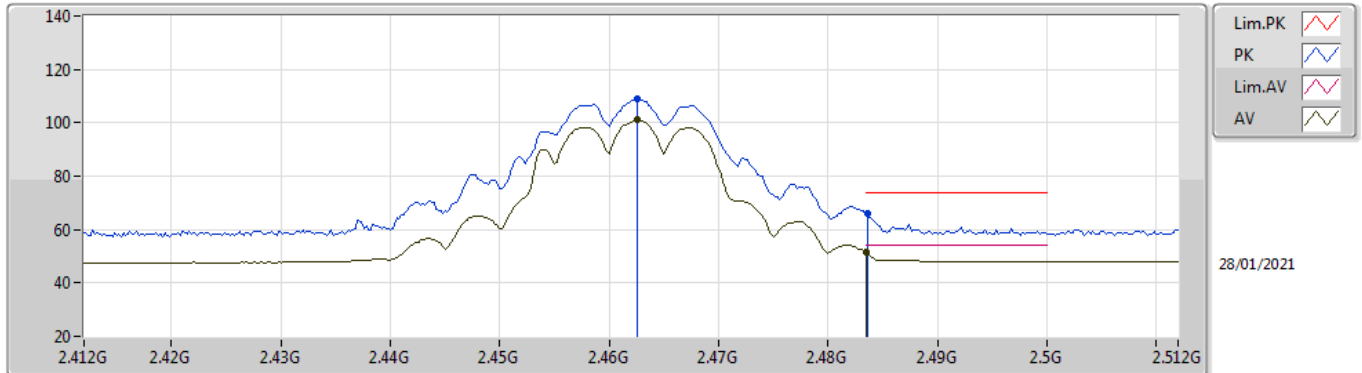
## 2462MHz\_TX



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA   |
|------|---------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB) |
| AV   | 2.4628G | 102.93   | Inf      | -Inf   | 31.83  | 3    | Vertical  | 349     | 2.70   | -       | 71.10  | 27.47 | 4.36 | -    |
| AV   | 2.4835G | 53.81    | 54.00    | -0.19  | 31.81  | 3    | Vertical  | 349     | 2.70   | -       | 22.00  | 27.43 | 4.38 | -    |
| PK   | 2.463G  | 110.77   | Inf      | -Inf   | 31.83  | 3    | Vertical  | 349     | 2.70   | -       | 78.94  | 27.47 | 4.36 | -    |
| PK   | 2.4835G | 69.55    | 74.00    | -4.45  | 31.81  | 3    | Vertical  | 349     | 2.70   | -       | 37.74  | 27.43 | 4.38 | -    |

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

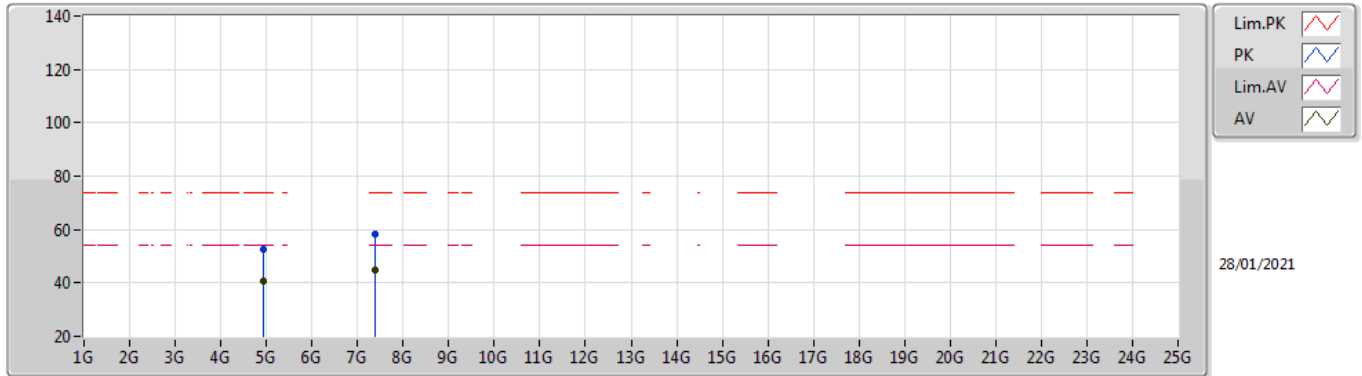
## 2462MHz\_TX



| 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   | 2.4626G      | 101.05            | Inf               | -Inf           | 31.83          | 3           | Horizontal | 90             | 2.18          | -       | 69.22         | 27.47      | 4.36       | -          |
| AV   | 2.4835G      | 51.31             | 54.00             | -2.69          | 31.81          | 3           | Horizontal | 90             | 2.18          | -       | 19.50         | 27.43      | 4.38       | -          |
| PK   | 2.4626G      | 108.75            | Inf               | -Inf           | 31.83          | 3           | Horizontal | 90             | 2.18          | -       | 76.92         | 27.47      | 4.36       | -          |
| PK   | 2.4836G      | 66.13             | 74.00             | -7.87          | 31.81          | 3           | Horizontal | 90             | 2.18          | -       | 34.32         | 27.43      | 4.38       | -          |

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

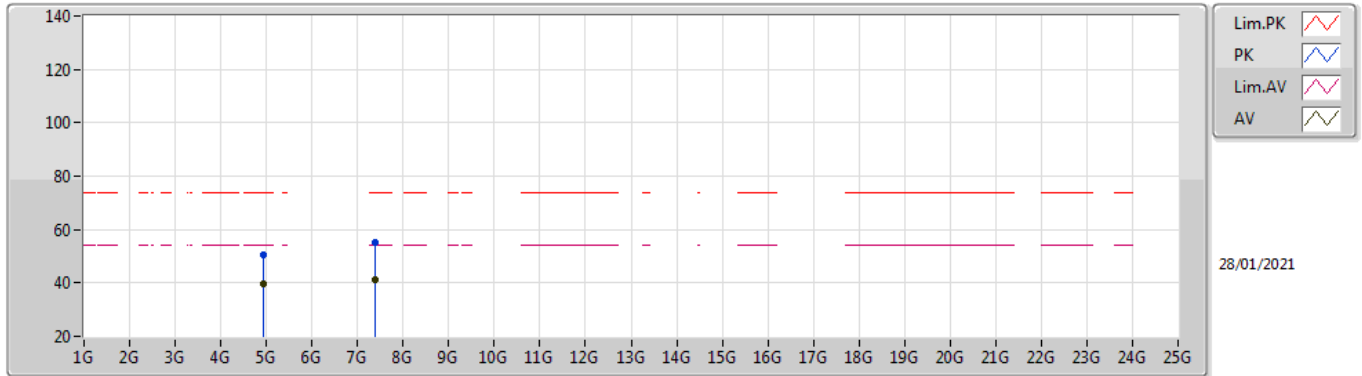
## 2462MHz\_TX



| Type | Freq     | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|----------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)     | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 4.92392G | 40.80    | 54.00    | -13.20 | 8.58   | 3    | Vertical  | 332     | 1.95   | -       | 32.22  | 31.15 | 6.62 | 29.19 |
| AV   | 7.38352G | 44.92    | 54.00    | -9.08  | 13.51  | 3    | Vertical  | 94      | 1.08   | -       | 31.41  | 36.13 | 7.60 | 30.22 |
| PK   | 4.92388G | 52.67    | 74.00    | -21.33 | 8.58   | 3    | Vertical  | 332     | 1.95   | -       | 44.09  | 31.15 | 6.62 | 29.19 |
| PK   | 7.38416G | 58.28    | 74.00    | -15.72 | 13.51  | 3    | Vertical  | 94      | 1.08   | -       | 44.77  | 36.13 | 7.60 | 30.22 |

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

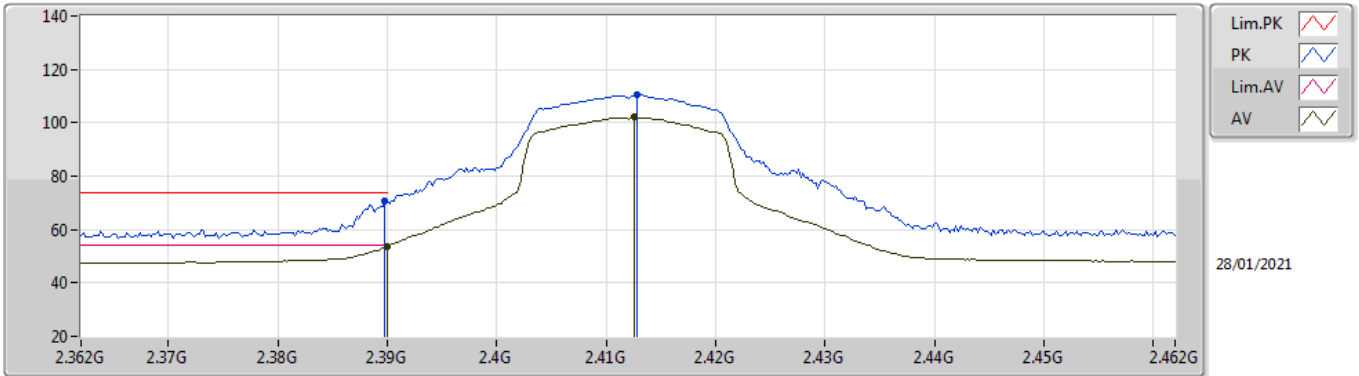
## 2462MHz\_TX



| Type | Freq     | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|----------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)     | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 4.92392G | 39.88    | 54.00    | -14.12 | 8.58   | 3    | Horizontal | 329     | 1.30   | -       | 31.30  | 31.15 | 6.62 | 29.19 |
| AV   | 7.38496G | 41.06    | 54.00    | -12.94 | 13.50  | 3    | Horizontal | 21      | 1.98   | -       | 27.56  | 36.12 | 7.60 | 30.22 |
| PK   | 4.92392G | 50.65    | 74.00    | -23.35 | 8.58   | 3    | Horizontal | 329     | 1.30   | -       | 42.07  | 31.15 | 6.62 | 29.19 |
| PK   | 7.3852G  | 55.16    | 74.00    | -18.84 | 13.50  | 3    | Horizontal | 21      | 1.98   | -       | 41.66  | 36.12 | 7.60 | 30.22 |

## VHT20\_Nss1,(MCS0)\_2TX

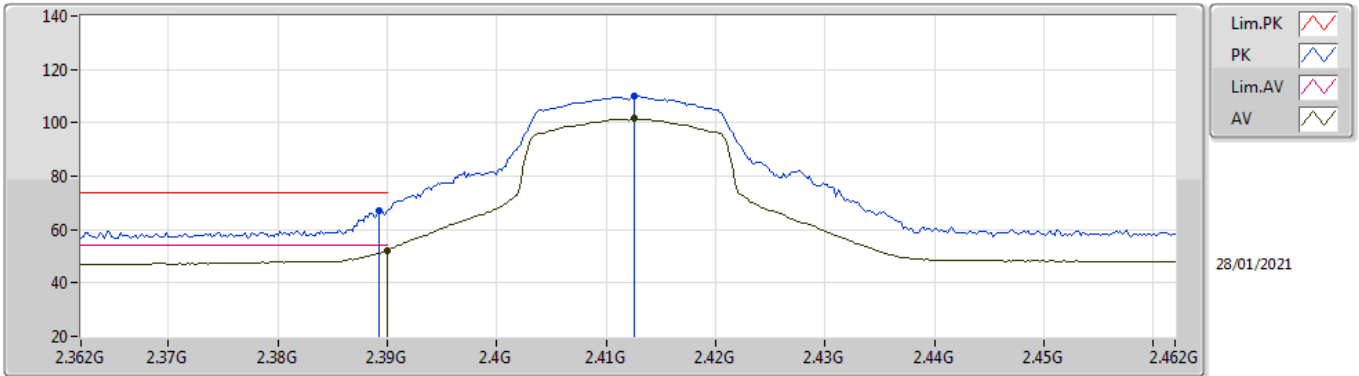
## 2412MHz\_TX



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA   |
|------|---------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB) |
| AV   | 2.39G   | 53.65    | 54.00    | -0.35  | 31.91  | 3    | Vertical  | 220     | 2.16   | -       | 21.74  | 27.62 | 4.29 | -    |
| AV   | 2.4126G | 102.10   | Inf      | -Inf   | 31.88  | 3    | Vertical  | 220     | 2.16   | -       | 70.22  | 27.57 | 4.31 | -    |
| PK   | 2.3898G | 70.55    | 74.00    | -3.45  | 31.91  | 3    | Vertical  | 220     | 2.16   | -       | 38.64  | 27.62 | 4.29 | -    |
| PK   | 2.4128G | 110.42   | Inf      | -Inf   | 31.88  | 3    | Vertical  | 220     | 2.16   | -       | 78.54  | 27.57 | 4.31 | -    |

## VHT20\_Nss1,(MCS0)\_2TX

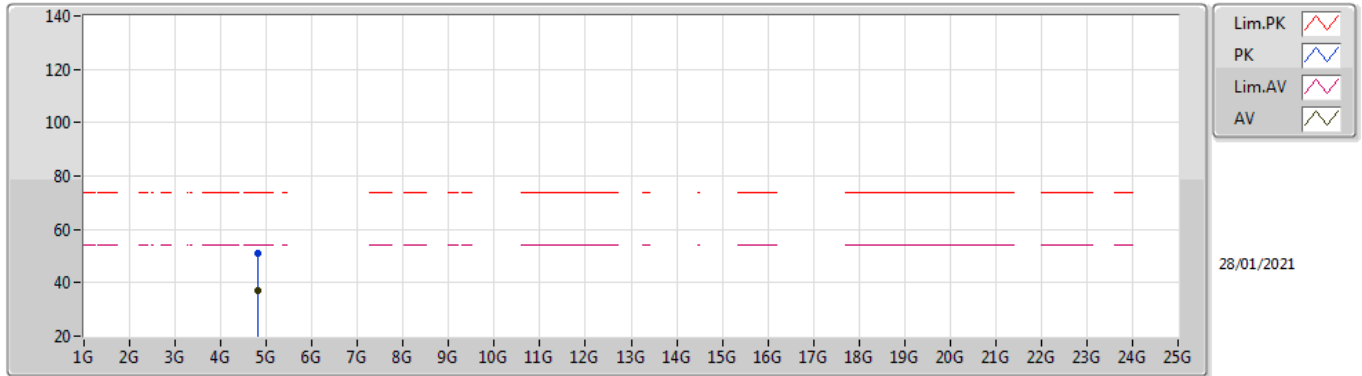
## 2412MHz\_TX



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA   |
|------|---------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB) |
| AV   | 2.39G   | 52.31    | 54.00    | -1.69  | 31.91  | 3    | Horizontal | 302     | 1.54   | -       | 20.40  | 27.62 | 4.29 | -    |
| AV   | 2.4126G | 101.55   | Inf      | -Inf   | 31.88  | 3    | Horizontal | 302     | 1.54   | -       | 69.67  | 27.57 | 4.31 | -    |
| PK   | 2.3892G | 67.19    | 74.00    | -6.81  | 31.91  | 3    | Horizontal | 302     | 1.54   | -       | 35.28  | 27.62 | 4.29 | -    |
| PK   | 2.4126G | 110.07   | Inf      | -Inf   | 31.88  | 3    | Horizontal | 302     | 1.54   | -       | 78.19  | 27.57 | 4.31 | -    |

## VHT20\_Nss1,(MCS0)\_2TX

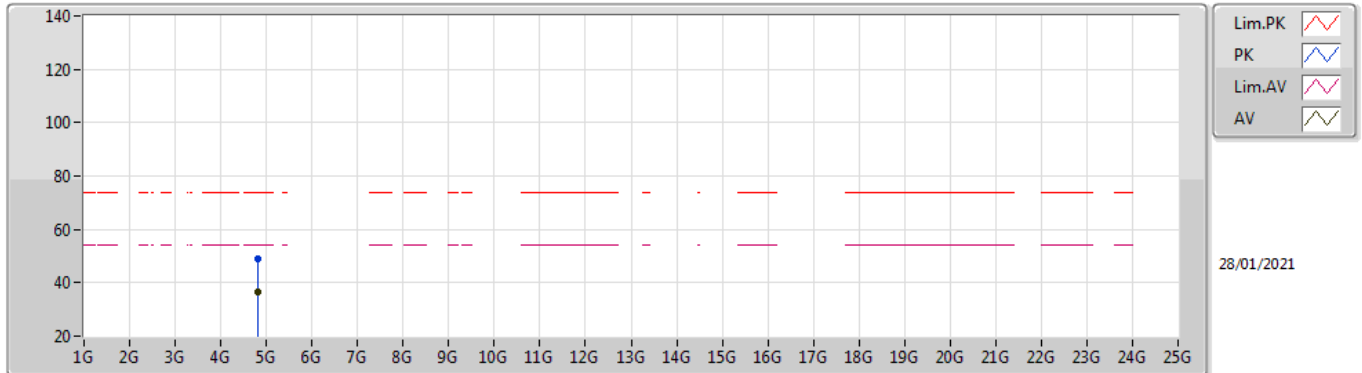
## 2412MHz\_TX



| Type | Freq     | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|----------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)     | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 4.82376G | 36.90    | 54.00    | -17.10 | 8.39   | 3    | Vertical  | 331     | 1.79   | -       | 28.51  | 31.10 | 6.52 | 29.23 |
| PK   | 4.82312G | 51.01    | 74.00    | -22.99 | 8.39   | 3    | Vertical  | 331     | 1.79   | -       | 42.62  | 31.10 | 6.52 | 29.23 |

## VHT20\_Nss1,(MCS0)\_2TX

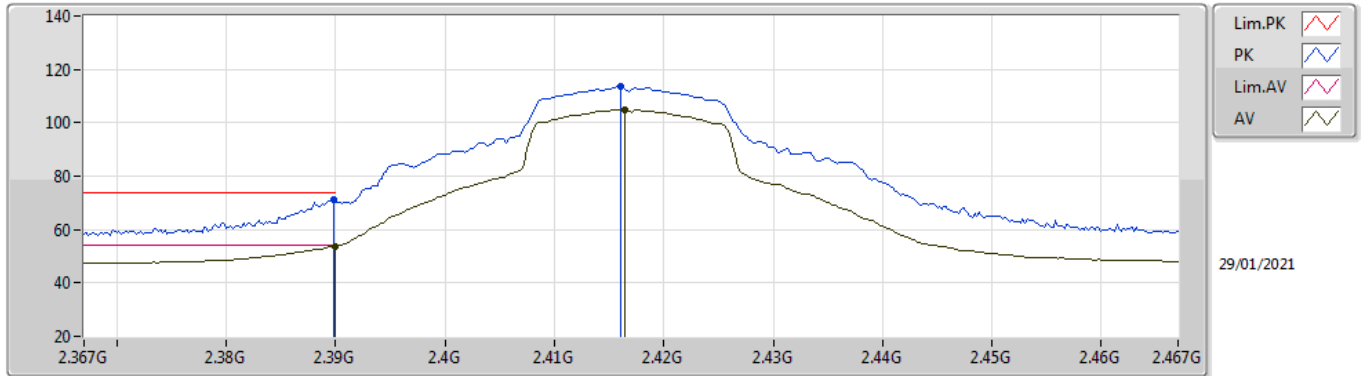
## 2412MHz\_TX



| Type | Freq     | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|----------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)     | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 4.82296G | 36.30    | 54.00    | -17.70 | 8.39   | 3    | Horizontal | 330     | 1.06   | -       | 27.91  | 31.10 | 6.52 | 29.23 |
| PK   | 4.81748G | 48.98    | 74.00    | -25.02 | 8.39   | 3    | Horizontal | 330     | 1.06   | -       | 40.59  | 31.10 | 6.52 | 29.23 |

## VHT20\_Nss1,(MCS0)\_2TX

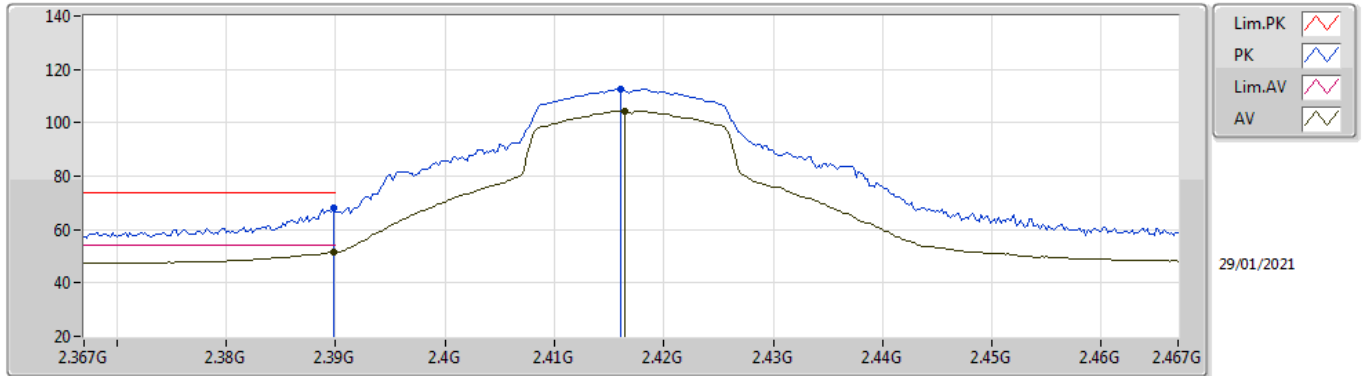
## 2417MHz\_TX



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA   |
|------|---------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB) |
| AV   | 2.39G   | 53.74    | 54.00    | -0.26  | 31.91  | 3    | Vertical  | 231     | 3.00   | -       | 21.83  | 27.62 | 4.29 | -    |
| AV   | 2.4164G | 104.96   | Inf      | -Inf   | 31.89  | 3    | Vertical  | 231     | 3.00   | -       | 73.07  | 27.57 | 4.32 | -    |
| PK   | 2.3898G | 71.14    | 74.00    | -2.86  | 31.91  | 3    | Vertical  | 231     | 3.00   | -       | 39.23  | 27.62 | 4.29 | -    |
| PK   | 2.416G  | 113.48   | Inf      | -Inf   | 31.89  | 3    | Vertical  | 231     | 3.00   | -       | 81.59  | 27.57 | 4.32 | -    |

## VHT20\_Nss1,(MCS0)\_2TX

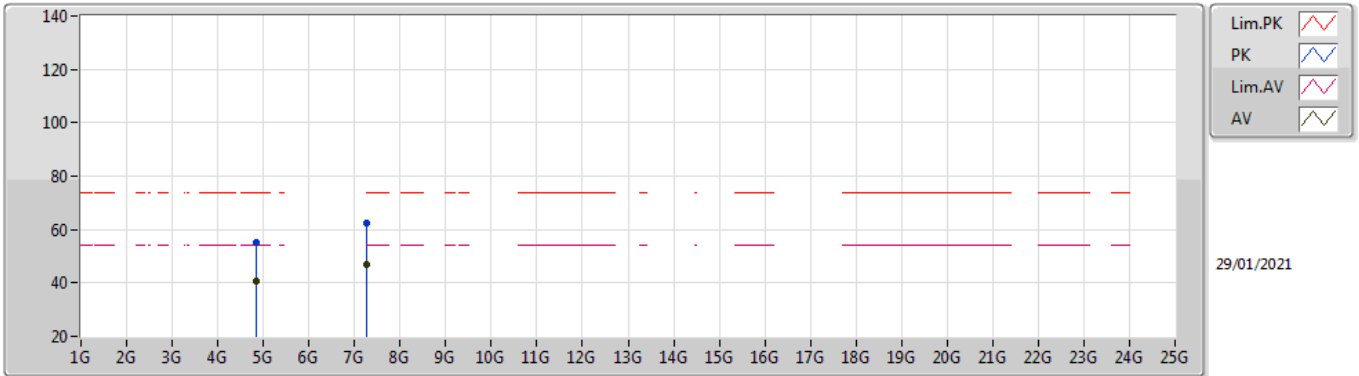
## 2417MHz\_TX



| 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   | 2.3898G      | 51.59             | 54.00             | -2.41          | 31.91          | 3           | Horizontal | 306            | 1.00          | -       | 19.68         | 27.62      | 4.29       | -          |
| AV   | 2.4164G      | 104.44            | Inf               | -Inf           | 31.89          | 3           | Horizontal | 306            | 1.00          | -       | 72.55         | 27.57      | 4.32       | -          |
| PK   | 2.3898G      | 67.86             | 74.00             | -6.14          | 31.91          | 3           | Horizontal | 306            | 1.00          | -       | 35.95         | 27.62      | 4.29       | -          |
| PK   | 2.416G       | 112.65            | Inf               | -Inf           | 31.89          | 3           | Horizontal | 306            | 1.00          | -       | 80.76         | 27.57      | 4.32       | -          |

## VHT20\_Nss1,(MCS0)\_2TX

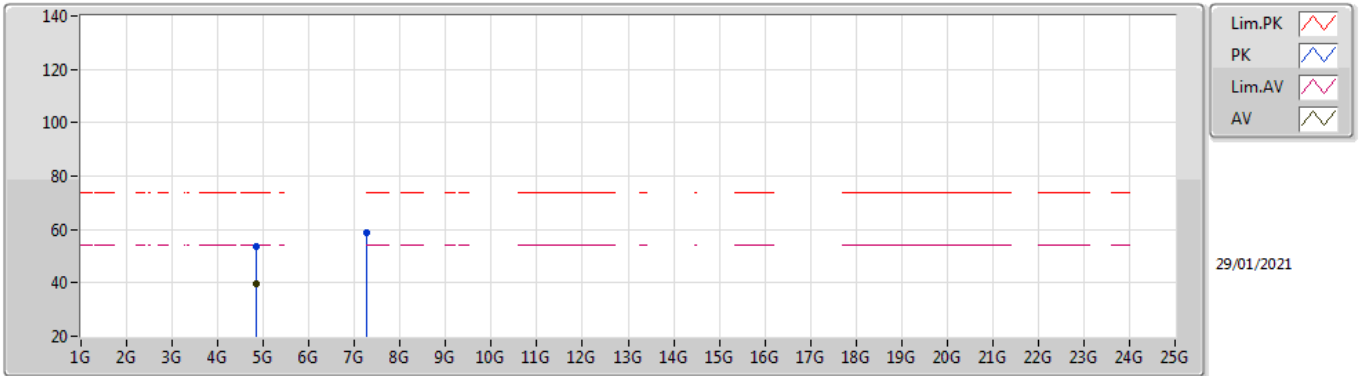
## 2417MHz\_TX



| Type | Freq     | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|----------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)     | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 4.83388G | 40.85    | 54.00    | -13.15 | 8.41   | 3    | Vertical  | 335     | 1.20   | -       | 32.44  | 31.10 | 6.53 | 29.22 |
| AV   | 7.2552G  | 46.89    | 54.00    | -7.11  | 13.78  | 3    | Vertical  | 103     | 2.09   | -       | 33.11  | 36.30 | 7.60 | 30.12 |
| PK   | 4.83292G | 55.00    | 74.00    | -19.00 | 8.41   | 3    | Vertical  | 335     | 1.20   | -       | 46.59  | 31.10 | 6.53 | 29.22 |
| PK   | 7.25736G | 62.29    | 74.00    | -11.71 | 13.77  | 3    | Vertical  | 103     | 2.09   | -       | 48.52  | 36.30 | 7.60 | 30.13 |

## VHT20\_Nss1,(MCS0)\_2TX

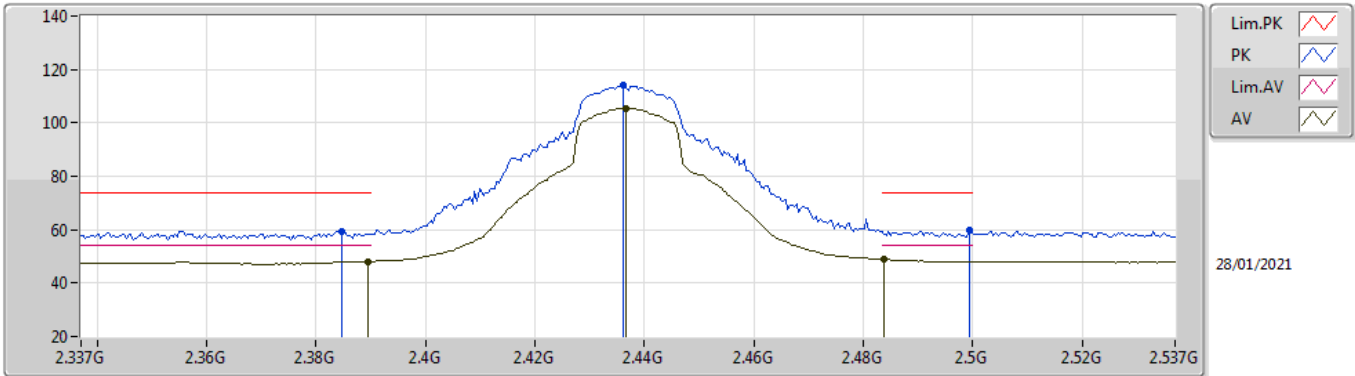
## 2417MHz\_TX



| Type | Freq     | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|----------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)     | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 4.8374G  | 39.61    | 54.00    | -14.39 | 8.42   | 3    | Horizontal | 331     | 1.03   | -       | 31.19  | 31.10 | 6.54 | 29.22 |
| PK   | 4.83324G | 53.47    | 74.00    | -20.53 | 8.41   | 3    | Horizontal | 331     | 1.03   | -       | 45.06  | 31.10 | 6.53 | 29.22 |
| PK   | 7.25216G | 58.73    | 74.00    | -15.27 | 13.78  | 3    | Horizontal | 199     | 1.41   | -       | 44.95  | 36.30 | 7.60 | 30.12 |

## VHT20\_Nss1,(MCS0)\_2TX

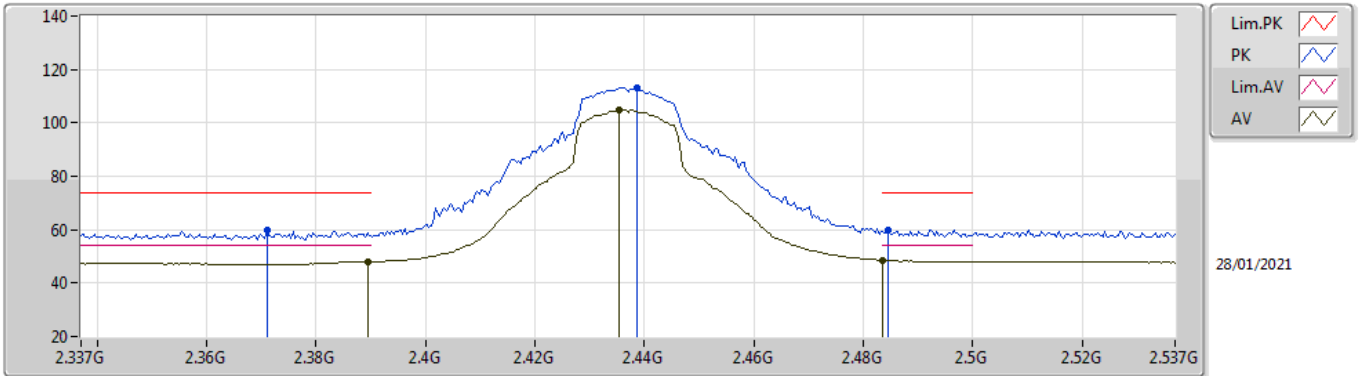
## 2437MHz\_TX



| 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   | 2.3894G      | 48.03             | 54.00             | -5.97          | 31.91          | 3           | Vertical  | 229            | 2.59          | -       | 16.12         | 27.62      | 4.29       | -          |
| AV   | 2.4366G      | 105.53            | Inf               | -Inf           | 31.87          | 3           | Vertical  | 229            | 2.59          | -       | 73.66         | 27.53      | 4.34       | -          |
| AV   | 2.4838G      | 48.88             | 54.00             | -5.12          | 31.81          | 3           | Vertical  | 229            | 2.59          | -       | 17.07         | 27.43      | 4.38       | -          |
| PK   | 2.3846G      | 59.36             | 74.00             | -14.64         | 31.91          | 3           | Vertical  | 229            | 2.59          | -       | 27.45         | 27.63      | 4.28       | -          |
| PK   | 2.4362G      | 114.28            | Inf               | -Inf           | 31.87          | 3           | Vertical  | 229            | 2.59          | -       | 82.41         | 27.53      | 4.34       | -          |
| PK   | 2.4994G      | 59.57             | 74.00             | -14.43         | 31.80          | 3           | Vertical  | 229            | 2.59          | -       | 27.77         | 27.40      | 4.40       | -          |

## VHT20\_Nss1,(MCS0)\_2TX

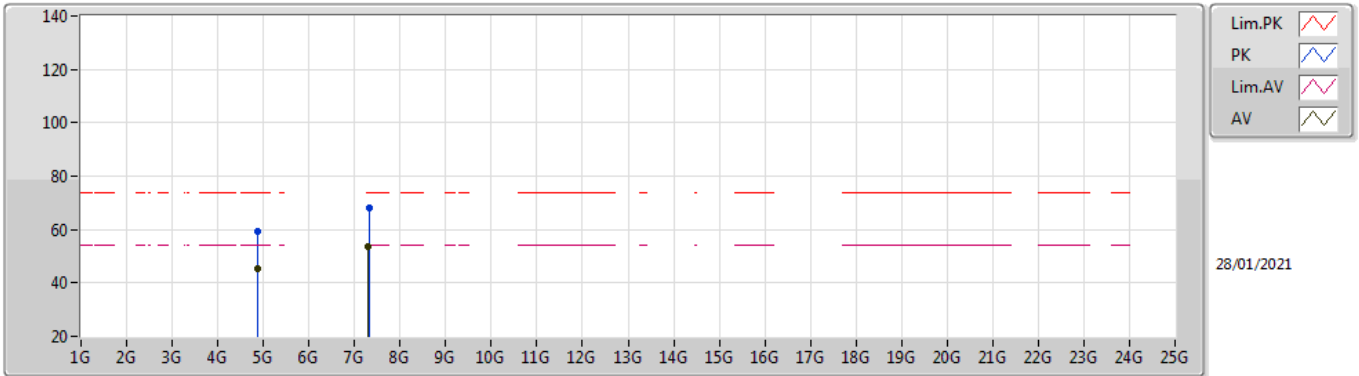
## 2437MHz\_TX



| 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   | 2.3894G      | 48.03             | 54.00             | -5.97          | 31.91          | 3           | Horizontal | 303            | 1.11          | -       | 16.12         | 27.62      | 4.29       | -          |
| AV   | 2.4354G      | 104.77            | Inf               | -Inf           | 31.87          | 3           | Horizontal | 303            | 1.11          | -       | 72.90         | 27.53      | 4.34       | -          |
| AV   | 2.4835G      | 48.62             | 54.00             | -5.38          | 31.81          | 3           | Horizontal | 303            | 1.11          | -       | 16.81         | 27.43      | 4.38       | -          |
| PK   | 2.371G       | 59.61             | 74.00             | -14.39         | 31.93          | 3           | Horizontal | 303            | 1.11          | -       | 27.68         | 27.66      | 4.27       | -          |
| PK   | 2.4386G      | 113.10            | Inf               | -Inf           | 31.86          | 3           | Horizontal | 303            | 1.11          | -       | 81.24         | 27.52      | 4.34       | -          |
| PK   | 2.4846G      | 59.79             | 74.00             | -14.21         | 31.81          | 3           | Horizontal | 303            | 1.11          | -       | 27.98         | 27.43      | 4.38       | -          |

## VHT20\_Nss1,(MCS0)\_2TX

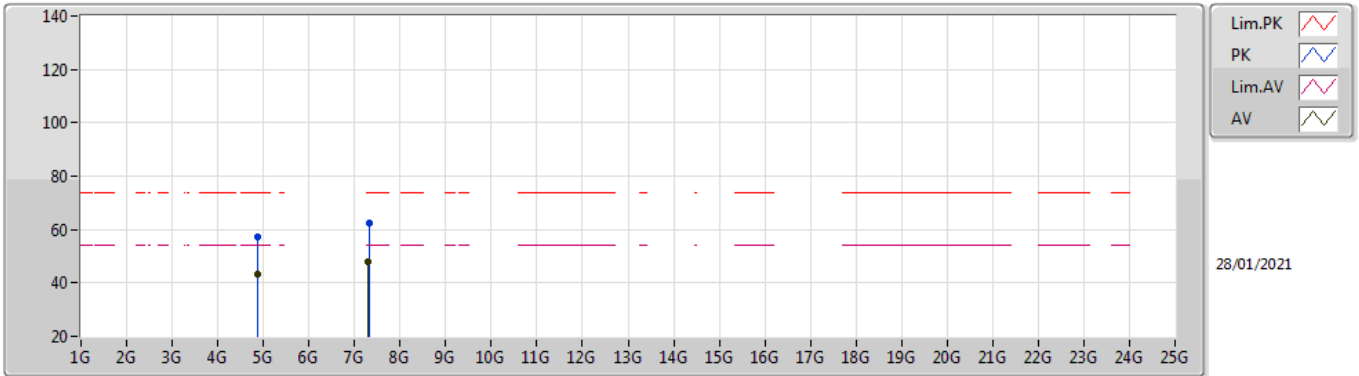
## 2437MHz\_TX



| Type | Freq     | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|----------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)     | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 4.87376G | 45.24    | 54.00    | -8.76  | 8.46   | 3    | Vertical  | 330     | 1.86   | -       | 36.78  | 31.10 | 6.57 | 29.21 |
| AV   | 7.30908G | 53.87    | 54.00    | -0.13  | 13.76  | 3    | Vertical  | 84      | 1.95   | -       | 40.11  | 36.32 | 7.60 | 30.16 |
| PK   | 4.87336G | 59.28    | 74.00    | -14.72 | 8.46   | 3    | Vertical  | 330     | 1.86   | -       | 50.82  | 31.10 | 6.57 | 29.21 |
| PK   | 7.31756G | 68.26    | 74.00    | -5.74  | 13.77  | 3    | Vertical  | 84      | 1.95   | -       | 54.49  | 36.34 | 7.60 | 30.17 |

## VHT20\_Nss1,(MCS0)\_2TX

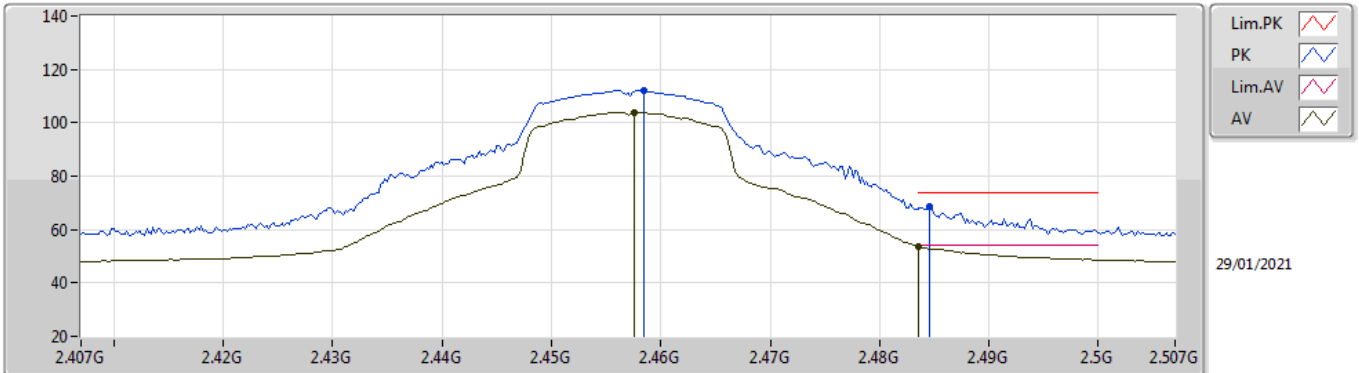
## 2437MHz\_TX



| Type | Freq     | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|----------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)     | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 4.87392G | 43.22    | 54.00    | -10.78 | 8.46   | 3    | Horizontal | 328     | 2.19   | -       | 34.76  | 31.10 | 6.57 | 29.21 |
| AV   | 7.309G   | 47.78    | 54.00    | -6.22  | 13.76  | 3    | Horizontal | 186     | 1.00   | -       | 34.02  | 36.32 | 7.60 | 30.16 |
| PK   | 4.87328G | 57.04    | 74.00    | -16.96 | 8.46   | 3    | Horizontal | 328     | 2.19   | -       | 48.58  | 31.10 | 6.57 | 29.21 |
| PK   | 7.31756G | 62.29    | 74.00    | -11.71 | 13.77  | 3    | Horizontal | 186     | 1.00   | -       | 48.52  | 36.34 | 7.60 | 30.17 |

# VHT20\_Nss1,(MCS0)\_2TX

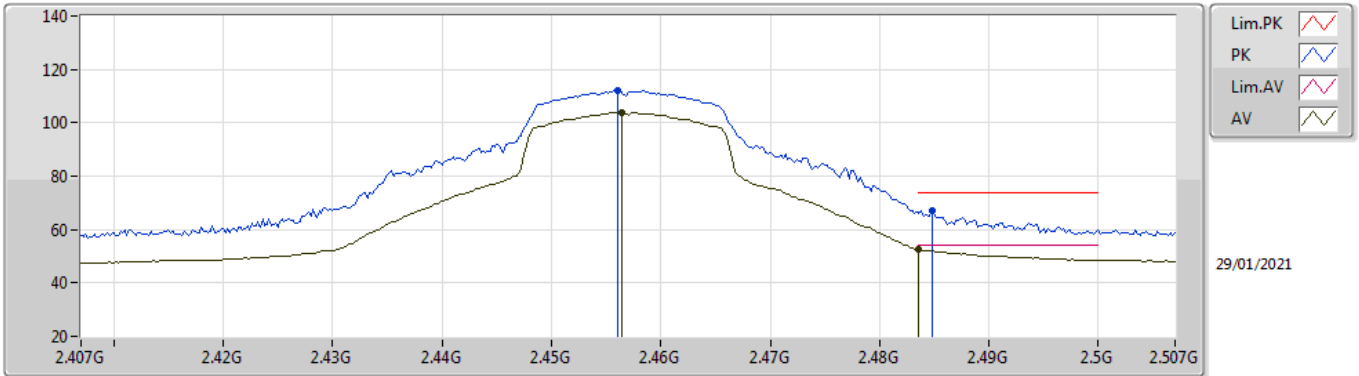
## 2457MHz\_TX



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA   |
|------|---------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB) |
| AV   | 2.4576G | 103.93   | Inf      | -Inf   | 31.84  | 3    | Vertical  | 0       | 2.58   | -       | 72.09  | 27.48 | 4.36 | -    |
| AV   | 2.4835G | 53.76    | 54.00    | -0.24  | 31.81  | 3    | Vertical  | 0       | 2.58   | -       | 21.95  | 27.43 | 4.38 | -    |
| PK   | 2.4584G | 112.11   | Inf      | -Inf   | 31.84  | 3    | Vertical  | 0       | 2.58   | -       | 80.27  | 27.48 | 4.36 | -    |
| PK   | 2.4846G | 68.48    | 74.00    | -5.52  | 31.81  | 3    | Vertical  | 0       | 2.58   | -       | 36.67  | 27.43 | 4.38 | -    |

## VHT20\_Nss1,(MCS0)\_2TX

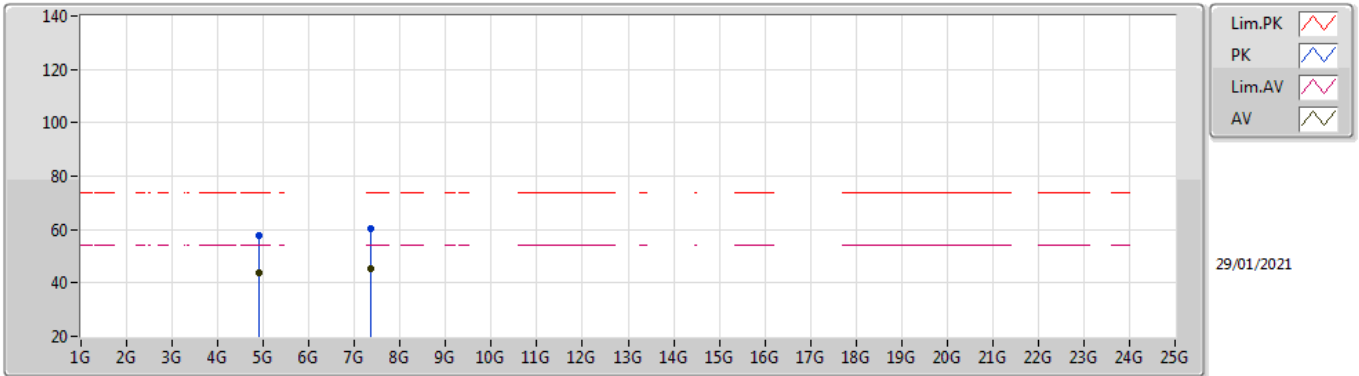
## 2457MHz\_TX



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA   |
|------|---------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB) |
| AV   | 2.4564G | 103.75   | Inf      | -Inf   | 31.85  | 3    | Horizontal | 303     | 1.19   | -       | 71.90  | 27.49 | 4.36 | -    |
| AV   | 2.4835G | 52.51    | 54.00    | -1.49  | 31.81  | 3    | Horizontal | 303     | 1.19   | -       | 20.70  | 27.43 | 4.38 | -    |
| PK   | 2.456G  | 112.23   | Inf      | -Inf   | 31.85  | 3    | Horizontal | 303     | 1.19   | -       | 80.38  | 27.49 | 4.36 | -    |
| PK   | 2.4848G | 66.98    | 74.00    | -7.02  | 31.81  | 3    | Horizontal | 303     | 1.19   | -       | 35.17  | 27.43 | 4.38 | -    |

## VHT20\_Nss1,(MCS0)\_2TX

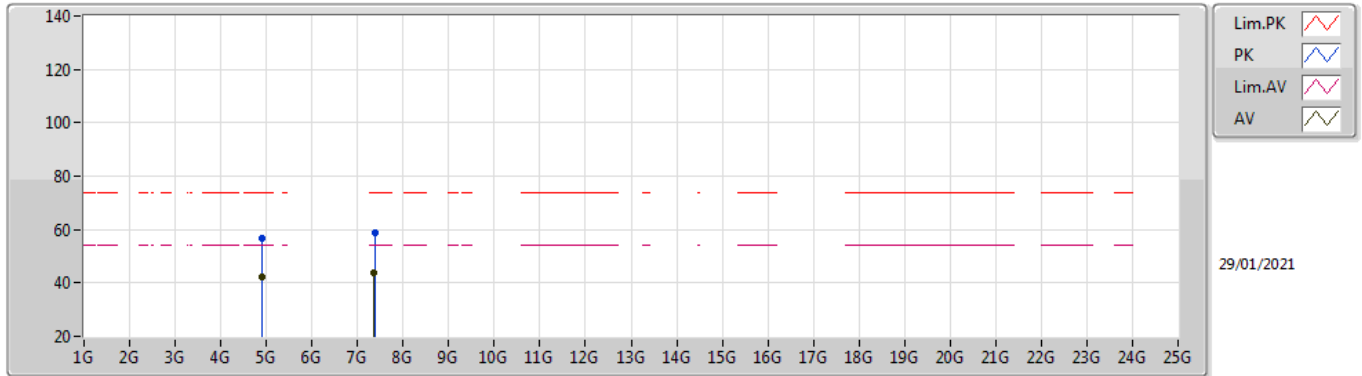
## 2457MHz\_TX



| Type | Freq     | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|----------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)     | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 4.91392G | 43.67    | 54.00    | -10.33 | 8.54   | 3    | Vertical  | 335     | 1.06   | -       | 35.13  | 31.13 | 6.61 | 29.20 |
| AV   | 7.36912G | 45.60    | 54.00    | -8.40  | 13.64  | 3    | Vertical  | 194     | 2.01   | -       | 31.96  | 36.25 | 7.60 | 30.21 |
| PK   | 4.91312G | 57.68    | 74.00    | -16.32 | 8.54   | 3    | Vertical  | 335     | 1.06   | -       | 49.14  | 31.13 | 6.61 | 29.20 |
| PK   | 7.36704G | 60.47    | 74.00    | -13.53 | 13.66  | 3    | Vertical  | 194     | 2.01   | -       | 46.81  | 36.26 | 7.60 | 30.20 |

## VHT20\_Nss1,(MCS0)\_2TX

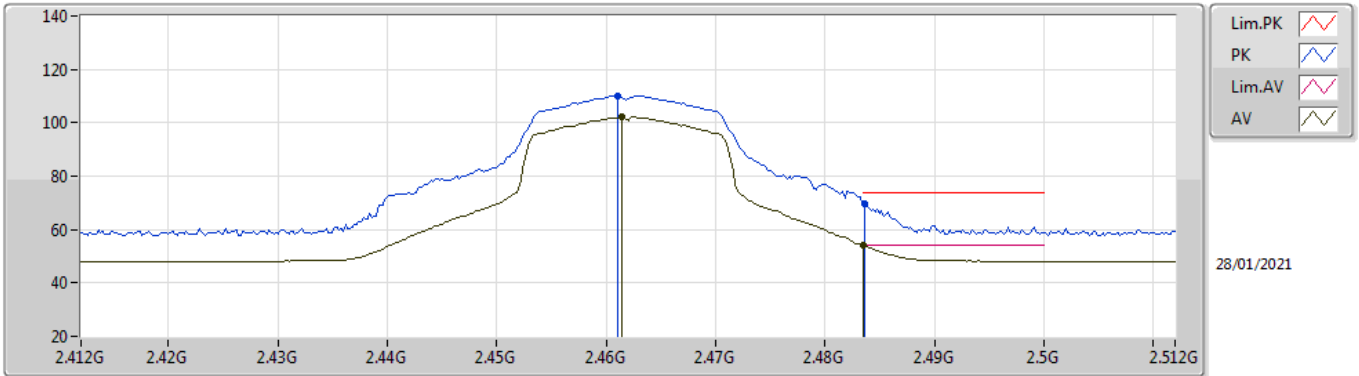
## 2457MHz\_TX



| Type | Freq     | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|----------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)     | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 4.91376G | 42.14    | 54.00    | -11.86 | 8.54   | 3    | Horizontal | 330     | 1.15   | -       | 33.60  | 31.13 | 6.61 | 29.20 |
| AV   | 7.36896G | 43.93    | 54.00    | -10.07 | 13.64  | 3    | Horizontal | 199     | 1.50   | -       | 30.29  | 36.25 | 7.60 | 30.21 |
| PK   | 4.91324G | 56.60    | 74.00    | -17.40 | 8.54   | 3    | Horizontal | 330     | 1.15   | -       | 48.06  | 31.13 | 6.61 | 29.20 |
| PK   | 7.37768G | 58.68    | 74.00    | -15.32 | 13.57  | 3    | Horizontal | 199     | 1.50   | -       | 45.11  | 36.18 | 7.60 | 30.21 |

## VHT20\_Nss1,(MCS0)\_2TX

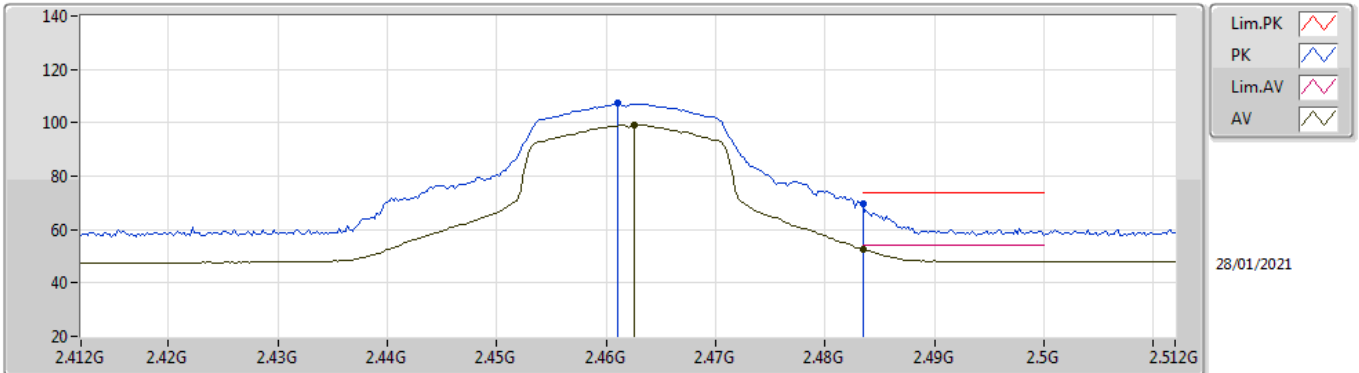
## 2462MHz\_TX



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA   |
|------|---------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB) |
| AV   | 2.4614G | 102.08   | Inf      | -Inf   | 31.84  | 3    | Vertical  | 228     | 2.84   | -       | 70.24  | 27.48 | 4.36 | -    |
| AV   | 2.4835G | 53.95    | 54.00    | -0.05  | 31.81  | 3    | Vertical  | 228     | 2.84   | -       | 22.14  | 27.43 | 4.38 | -    |
| PK   | 2.461G  | 110.15   | Inf      | -Inf   | 31.84  | 3    | Vertical  | 228     | 2.84   | -       | 78.31  | 27.48 | 4.36 | -    |
| PK   | 2.4836G | 69.74    | 74.00    | -4.26  | 31.81  | 3    | Vertical  | 228     | 2.84   | -       | 37.93  | 27.43 | 4.38 | -    |

## VHT20\_Nss1,(MCS0)\_2TX

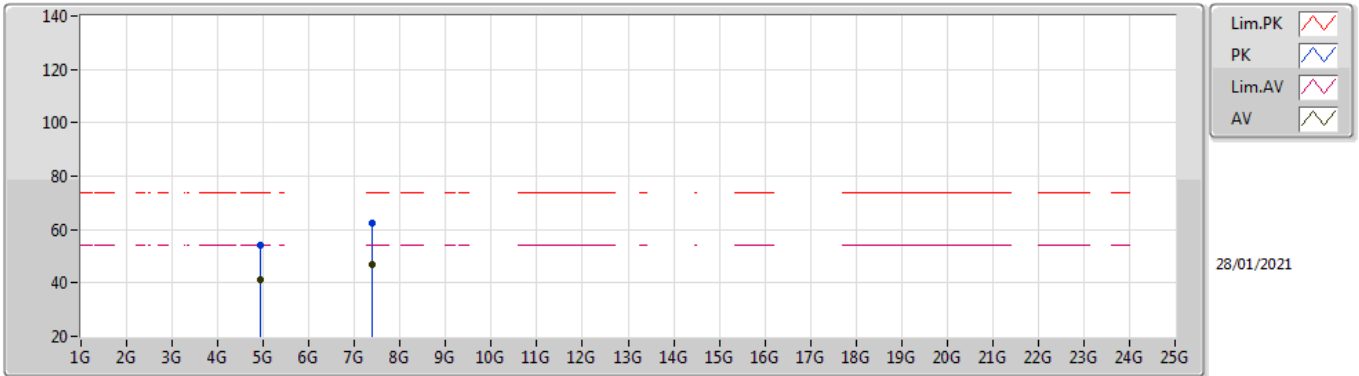
## 2462MHz\_TX



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA   |
|------|---------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB) |
| AV   | 2.4626G | 99.20    | Inf      | -Inf   | 31.83  | 3    | Horizontal | 284     | 1.07   | -       | 67.37  | 27.47 | 4.36 | -    |
| AV   | 2.4835G | 52.56    | 54.00    | -1.44  | 31.81  | 3    | Horizontal | 284     | 1.07   | -       | 20.75  | 27.43 | 4.38 | -    |
| PK   | 2.461G  | 107.18   | Inf      | -Inf   | 31.84  | 3    | Horizontal | 284     | 1.07   | -       | 75.34  | 27.48 | 4.36 | -    |
| PK   | 2.4835G | 69.50    | 74.00    | -4.50  | 31.81  | 3    | Horizontal | 284     | 1.07   | -       | 37.69  | 27.43 | 4.38 | -    |

## VHT20\_Nss1,(MCS0)\_2TX

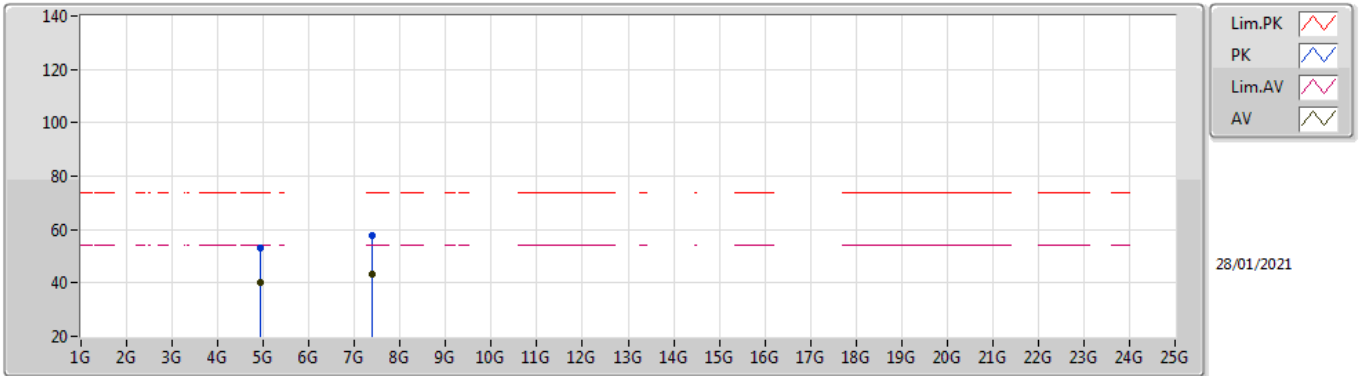
## 2462MHz\_TX



| 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   | 4.924G       | 41.13             | 54.00             | -12.87         | 8.58           | 3           | Vertical  | 331            | 1.82          | -       | 32.55         | 31.15      | 6.62       | 29.19      |
| AV   | 7.38648G     | 46.79             | 54.00             | -7.21          | 13.49          | 3           | Vertical  | 85             | 2.04          | -       | 33.30         | 36.11      | 7.60       | 30.22      |
| PK   | 4.92388G     | 54.04             | 74.00             | -19.96         | 8.58           | 3           | Vertical  | 331            | 1.82          | -       | 45.46         | 31.15      | 6.62       | 29.19      |
| PK   | 7.38412G     | 62.51             | 74.00             | -11.49         | 13.51          | 3           | Vertical  | 85             | 2.04          | -       | 49.00         | 36.13      | 7.60       | 30.22      |

## VHT20\_Nss1,(MCS0)\_2TX

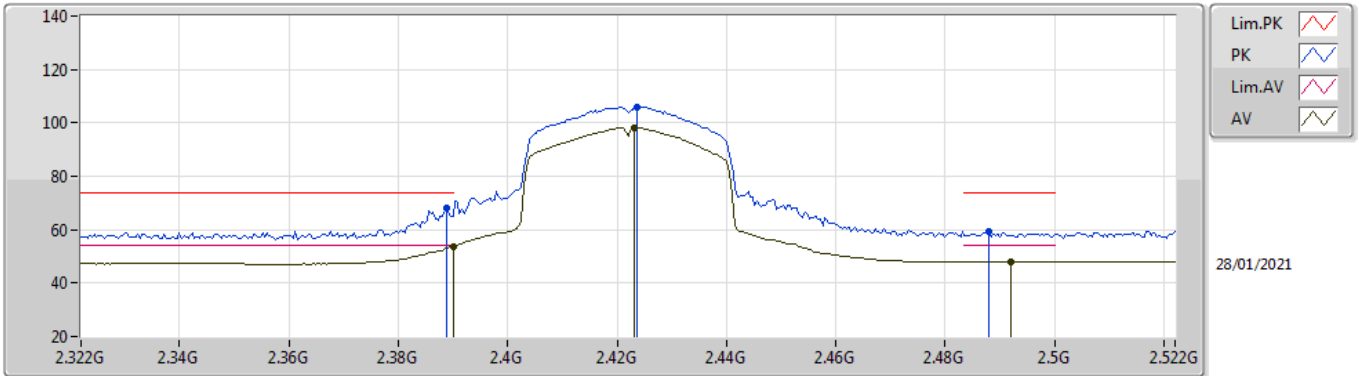
## 2462MHz\_TX



| Type | Freq     | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|----------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)     | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 4.92396G | 40.25    | 54.00    | -13.75 | 8.58   | 3    | Horizontal | 327     | 1.30   | -       | 31.67  | 31.15 | 6.62 | 29.19 |
| AV   | 7.38644G | 43.10    | 54.00    | -10.90 | 13.49  | 3    | Horizontal | 282     | 1.04   | -       | 29.61  | 36.11 | 7.60 | 30.22 |
| PK   | 4.92392G | 53.05    | 74.00    | -20.95 | 8.58   | 3    | Horizontal | 327     | 1.30   | -       | 44.47  | 31.15 | 6.62 | 29.19 |
| PK   | 7.38428G | 57.91    | 74.00    | -16.09 | 13.51  | 3    | Horizontal | 282     | 1.04   | -       | 44.40  | 36.13 | 7.60 | 30.22 |

## VHT40\_Nss1,(MCS0)\_2TX

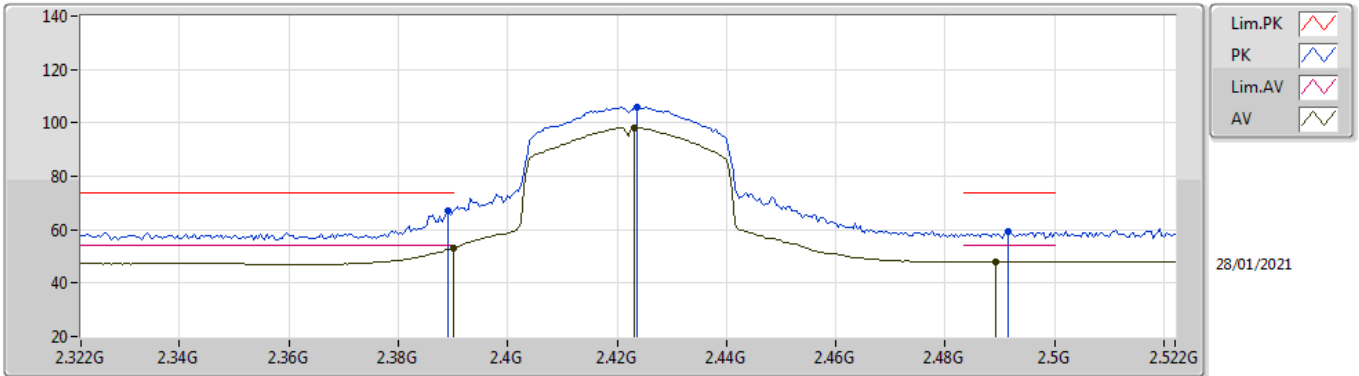
## 2422MHz\_TX



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA   |
|------|---------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB) |
| AV   | 2.39G   | 53.51    | 54.00    | -0.49  | 31.91  | 3    | Vertical  | 231     | 2.39   | -       | 21.60  | 27.62 | 4.29 | -    |
| AV   | 2.4232G | 98.14    | Inf      | -Inf   | 31.87  | 3    | Vertical  | 231     | 2.39   | -       | 66.27  | 27.55 | 4.32 | -    |
| AV   | 2.492G  | 47.80    | 54.00    | -6.20  | 31.81  | 3    | Vertical  | 231     | 2.39   | -       | 15.99  | 27.42 | 4.39 | -    |
| PK   | 2.3888G | 68.29    | 74.00    | -5.71  | 31.91  | 3    | Vertical  | 231     | 2.39   | -       | 36.38  | 27.62 | 4.29 | -    |
| PK   | 2.4236G | 106.03   | Inf      | -Inf   | 31.87  | 3    | Vertical  | 231     | 2.39   | -       | 74.16  | 27.55 | 4.32 | -    |
| PK   | 2.488G  | 59.50    | 74.00    | -14.50 | 31.81  | 3    | Vertical  | 231     | 2.39   | -       | 27.69  | 27.42 | 4.39 | -    |

## VHT40\_Nss1,(MCS0)\_2TX

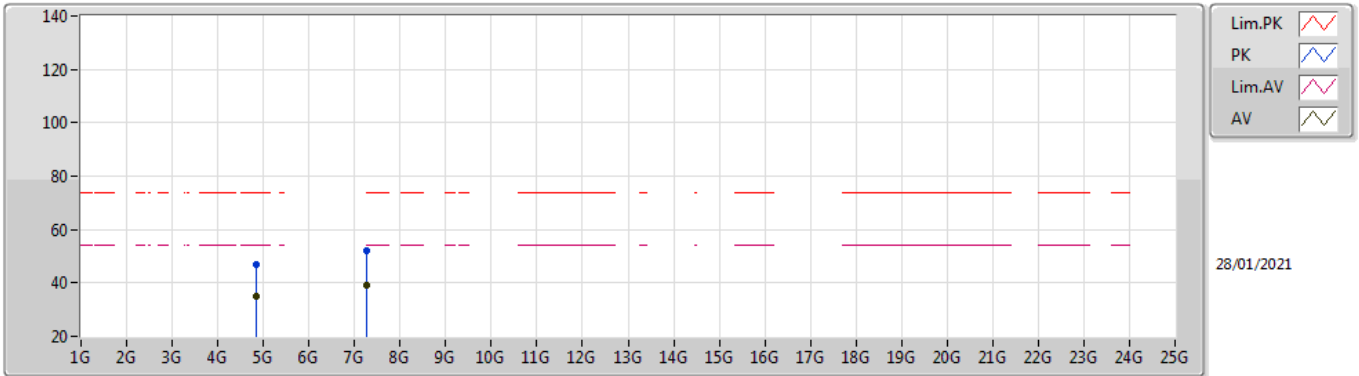
## 2422MHz\_TX



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA   |
|------|---------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB) |
| AV   | 2.39G   | 53.08    | 54.00    | -0.92  | 31.91  | 3    | Horizontal | 302     | 1.26   | -       | 21.17  | 27.62 | 4.29 | -    |
| AV   | 2.4232G | 98.13    | Inf      | -Inf   | 31.87  | 3    | Horizontal | 302     | 1.26   | -       | 66.26  | 27.55 | 4.32 | -    |
| AV   | 2.4892G | 48.08    | 54.00    | -5.92  | 31.81  | 3    | Horizontal | 302     | 1.26   | -       | 16.27  | 27.42 | 4.39 | -    |
| PK   | 2.3892G | 67.13    | 74.00    | -6.87  | 31.91  | 3    | Horizontal | 302     | 1.26   | -       | 35.22  | 27.62 | 4.29 | -    |
| PK   | 2.4236G | 105.99   | Inf      | -Inf   | 31.87  | 3    | Horizontal | 302     | 1.26   | -       | 74.12  | 27.55 | 4.32 | -    |
| PK   | 2.4916G | 59.28    | 74.00    | -14.72 | 31.81  | 3    | Horizontal | 302     | 1.26   | -       | 27.47  | 27.42 | 4.39 | -    |

## VHT40\_Nss1,(MCS0)\_2TX

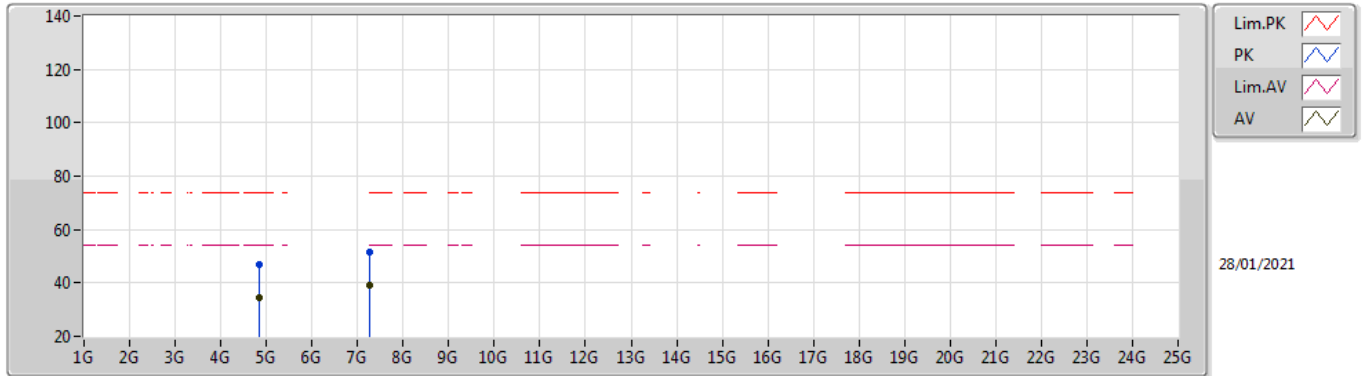
## 2422MHz\_TX



| Type | Freq     | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|----------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)     | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 4.84392G | 34.78    | 54.00    | -19.22 | 8.42   | 3    | Vertical  | 204     | 1.45   | -       | 26.36  | 31.10 | 6.54 | 29.22 |
| AV   | 7.26072G | 39.00    | 54.00    | -15.00 | 13.77  | 3    | Vertical  | 327     | 1.73   | -       | 25.23  | 36.30 | 7.60 | 30.13 |
| PK   | 4.8456G  | 46.84    | 74.00    | -27.16 | 8.43   | 3    | Vertical  | 204     | 1.45   | -       | 38.41  | 31.10 | 6.55 | 29.22 |
| PK   | 7.27016G | 52.10    | 74.00    | -21.90 | 13.77  | 3    | Vertical  | 327     | 1.73   | -       | 38.33  | 36.30 | 7.60 | 30.13 |

## VHT40\_Nss1,(MCS0)\_2TX

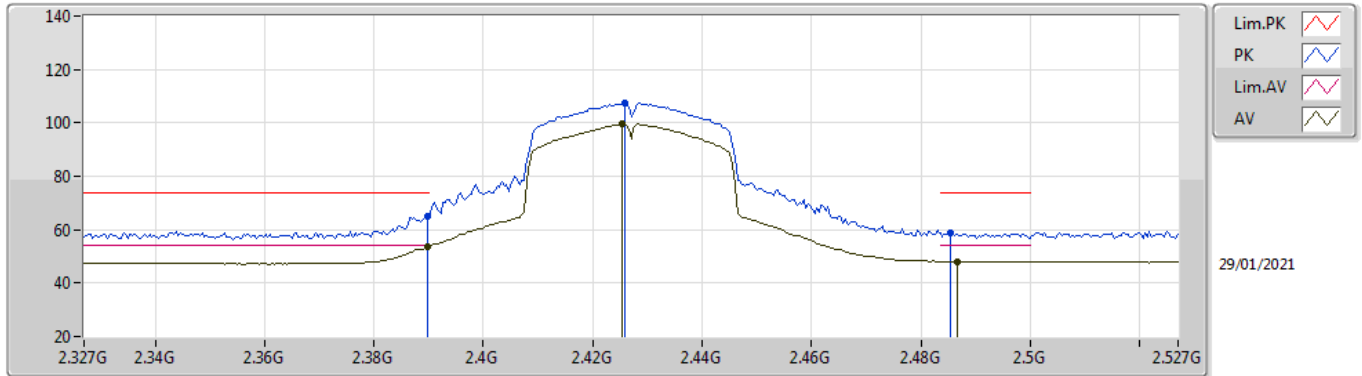
## 2422MHz\_TX



| Type | Freq     | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|----------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)     | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 4.84376G | 34.53    | 54.00    | -19.47 | 8.42   | 3    | Horizontal | 147     | 2.38   | -       | 26.11  | 31.10 | 6.54 | 29.22 |
| AV   | 7.26464G | 39.09    | 54.00    | -14.91 | 13.77  | 3    | Horizontal | 319     | 1.32   | -       | 25.32  | 36.30 | 7.60 | 30.13 |
| PK   | 4.85056G | 46.78    | 74.00    | -27.22 | 8.43   | 3    | Horizontal | 147     | 2.38   | -       | 38.35  | 31.10 | 6.55 | 29.22 |
| PK   | 7.25072G | 51.42    | 74.00    | -22.58 | 13.78  | 3    | Horizontal | 319     | 1.32   | -       | 37.64  | 36.30 | 7.60 | 30.12 |

## VHT40\_Nss1,(MCS0)\_2TX

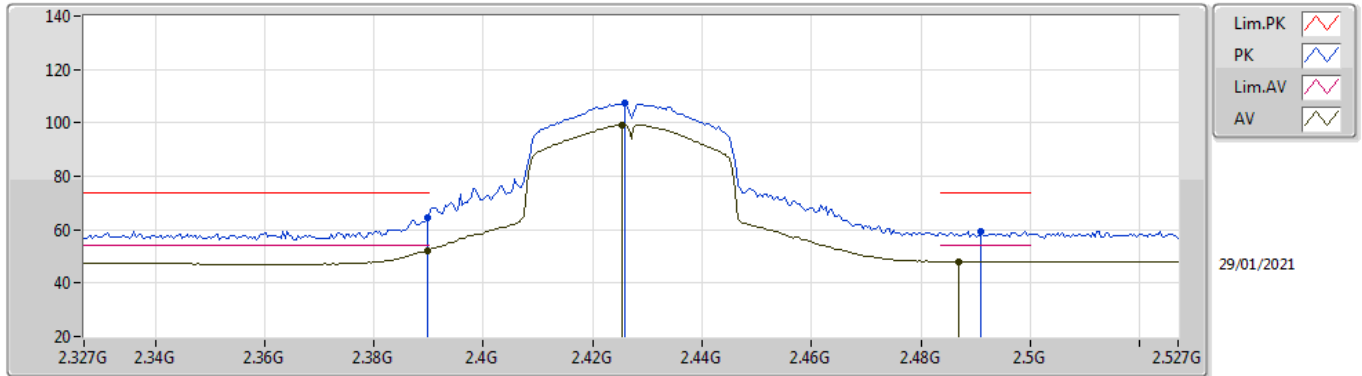
## 2427MHz\_TX



| 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   | 2.3898G      | 53.46             | 54.00             | -0.54          | 31.91          | 3           | Vertical  | 229            | 2.65          | -       | 21.55         | 27.62      | 4.29       | -          |
| AV   | 2.4254G      | 99.46             | Inf               | -Inf           | 31.88          | 3           | Vertical  | 229            | 2.65          | -       | 67.58         | 27.55      | 4.33       | -          |
| AV   | 2.4866G      | 48.04             | 54.00             | -5.96          | 31.82          | 3           | Vertical  | 229            | 2.65          | -       | 16.22         | 27.43      | 4.39       | -          |
| PK   | 2.3898G      | 65.00             | 74.00             | -9.00          | 31.91          | 3           | Vertical  | 229            | 2.65          | -       | 33.09         | 27.62      | 4.29       | -          |
| PK   | 2.4258G      | 107.34            | Inf               | -Inf           | 31.88          | 3           | Vertical  | 229            | 2.65          | -       | 75.46         | 27.55      | 4.33       | -          |
| PK   | 2.4854G      | 59.00             | 74.00             | -15.00         | 31.82          | 3           | Vertical  | 229            | 2.65          | -       | 27.18         | 27.43      | 4.39       | -          |

## VHT40\_Nss1,(MCS0)\_2TX

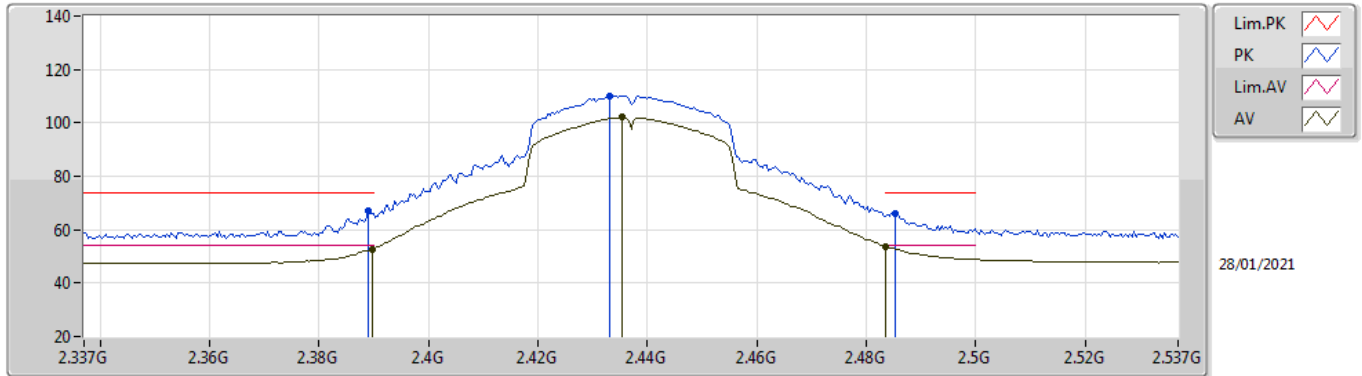
## 2427MHz\_TX



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA   |
|------|---------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB) |
| AV   | 2.3898G | 52.26    | 54.00    | -1.74  | 31.91  | 3    | Horizontal | 305     | 1.56   | -       | 20.35  | 27.62 | 4.29 | -    |
| AV   | 2.4254G | 99.33    | Inf      | -Inf   | 31.88  | 3    | Horizontal | 305     | 1.56   | -       | 67.45  | 27.55 | 4.33 | -    |
| AV   | 2.487G  | 48.04    | 54.00    | -5.96  | 31.82  | 3    | Horizontal | 305     | 1.56   | -       | 16.22  | 27.43 | 4.39 | -    |
| PK   | 2.3898G | 64.34    | 74.00    | -9.66  | 31.91  | 3    | Horizontal | 305     | 1.56   | -       | 32.43  | 27.62 | 4.29 | -    |
| PK   | 2.4258G | 107.26   | Inf      | -Inf   | 31.88  | 3    | Horizontal | 305     | 1.56   | -       | 75.38  | 27.55 | 4.33 | -    |
| PK   | 2.491G  | 59.45    | 74.00    | -14.55 | 31.81  | 3    | Horizontal | 305     | 1.56   | -       | 27.64  | 27.42 | 4.39 | -    |

## VHT40\_Nss1,(MCS0)\_2TX

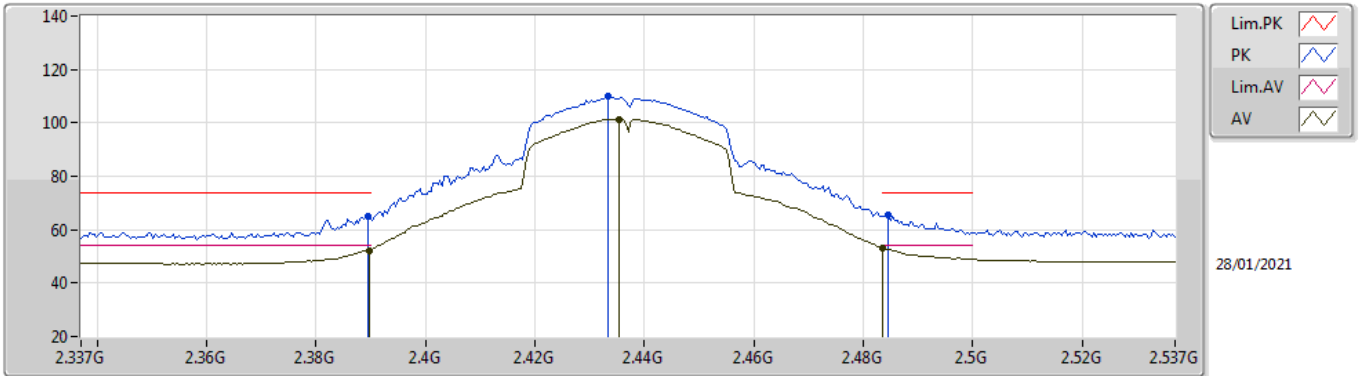
## 2437MHz\_TX



| 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   | 2.3898G      | 52.63             | 54.00             | -1.37          | 31.91          | 3           | Vertical  | 230            | 2.59          | -       | 20.72         | 27.62      | 4.29       | -          |
| AV   | 2.4354G      | 102.13            | Inf               | -Inf           | 31.87          | 3           | Vertical  | 230            | 2.59          | -       | 70.26         | 27.53      | 4.34       | -          |
| AV   | 2.4835G      | 53.81             | 54.00             | -0.19          | 31.81          | 3           | Vertical  | 230            | 2.59          | -       | 22.00         | 27.43      | 4.38       | -          |
| PK   | 2.389G       | 66.92             | 74.00             | -7.08          | 31.91          | 3           | Vertical  | 230            | 2.59          | -       | 35.01         | 27.62      | 4.29       | -          |
| PK   | 2.433G       | 110.10            | Inf               | -Inf           | 31.86          | 3           | Vertical  | 230            | 2.59          | -       | 78.24         | 27.53      | 4.33       | -          |
| PK   | 2.4854G      | 65.97             | 74.00             | -8.03          | 31.82          | 3           | Vertical  | 230            | 2.59          | -       | 34.15         | 27.43      | 4.39       | -          |

## VHT40\_Nss1,(MCS0)\_2TX

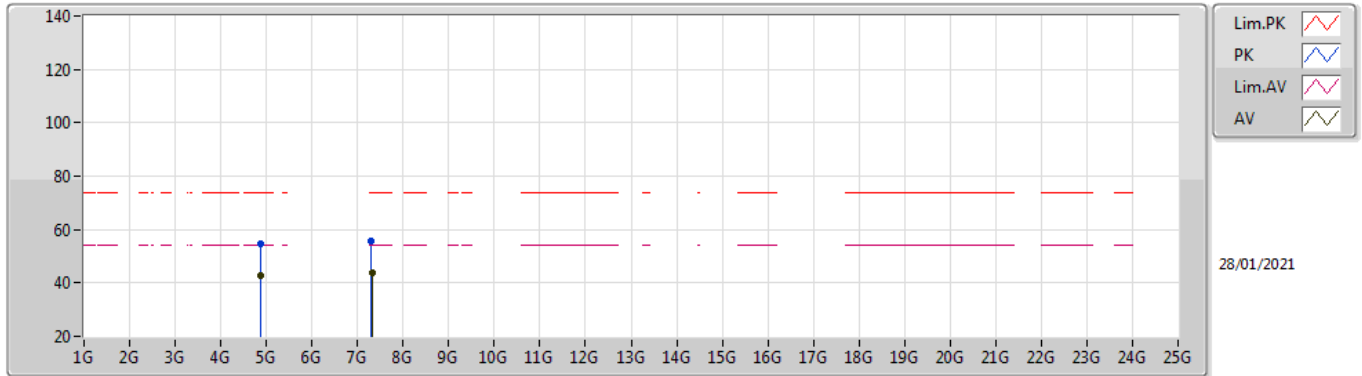
## 2437MHz\_TX



| 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   | 2.3898G      | 52.31             | 54.00             | -1.69          | 31.91          | 3           | Horizontal | 303            | 1.12          | -       | 20.40         | 27.62      | 4.29       | -          |
| AV   | 2.4354G      | 101.43            | Inf               | -Inf           | 31.87          | 3           | Horizontal | 303            | 1.12          | -       | 69.56         | 27.53      | 4.34       | -          |
| AV   | 2.4835G      | 53.21             | 54.00             | -0.79          | 31.81          | 3           | Horizontal | 303            | 1.12          | -       | 21.40         | 27.43      | 4.38       | -          |
| PK   | 2.3894G      | 65.23             | 74.00             | -8.77          | 31.91          | 3           | Horizontal | 303            | 1.12          | -       | 33.32         | 27.62      | 4.29       | -          |
| PK   | 2.4334G      | 109.94            | Inf               | -Inf           | 31.86          | 3           | Horizontal | 303            | 1.12          | -       | 78.08         | 27.53      | 4.33       | -          |
| PK   | 2.4846G      | 65.71             | 74.00             | -8.29          | 31.81          | 3           | Horizontal | 303            | 1.12          | -       | 33.90         | 27.43      | 4.38       | -          |

## VHT40\_Nss1,(MCS0)\_2TX

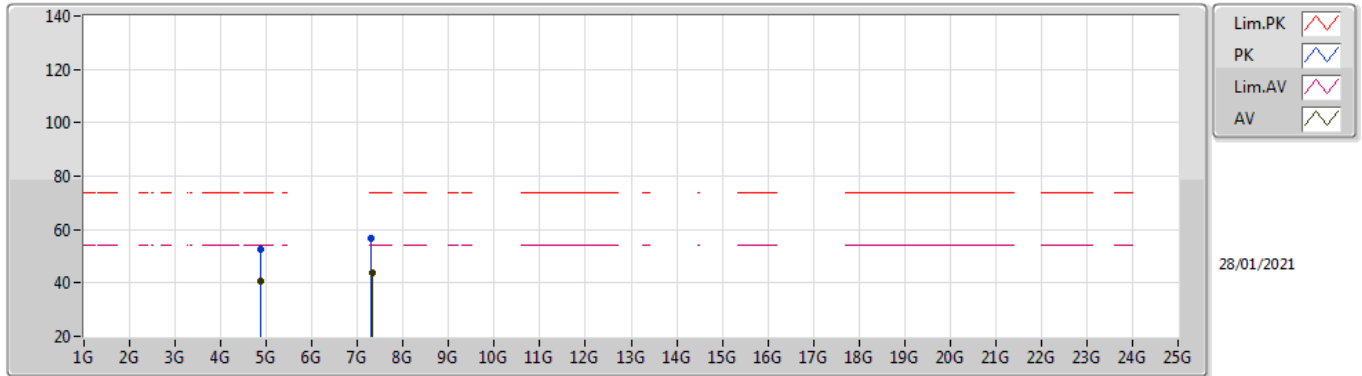
## 2437MHz\_TX



| Type | Freq     | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|----------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)     | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 4.87392G | 42.78    | 54.00    | -11.22 | 8.46   | 3    | Vertical  | 330     | 1.86   | -       | 34.32  | 31.10 | 6.57 | 29.21 |
| AV   | 7.3118G  | 43.96    | 54.00    | -10.04 | 13.76  | 3    | Vertical  | 192     | 1.50   | -       | 30.20  | 36.32 | 7.60 | 30.16 |
| PK   | 4.87416G | 54.66    | 74.00    | -19.34 | 8.46   | 3    | Vertical  | 330     | 1.86   | -       | 46.20  | 31.10 | 6.57 | 29.21 |
| PK   | 7.3094G  | 55.94    | 74.00    | -18.06 | 13.76  | 3    | Vertical  | 192     | 1.50   | -       | 42.18  | 36.32 | 7.60 | 30.16 |

## VHT40\_Nss1,(MCS0)\_2TX

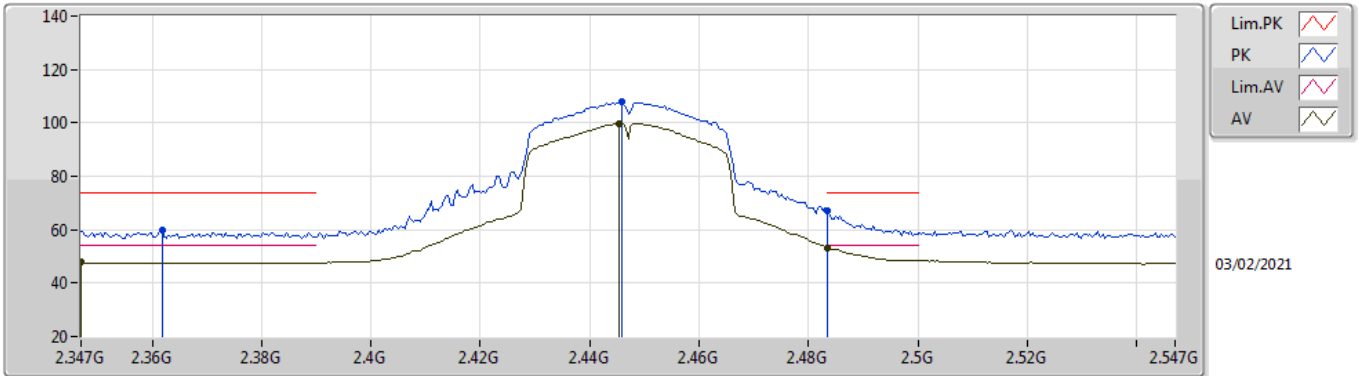
## 2437MHz\_TX



| Type | Freq     | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|----------|----------|----------|--------|--------|------|------------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)     | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 4.87392G | 40.89    | 54.00    | -13.11 | 8.46   | 3    | Horizontal | 329     | 2.19   | -       | 32.43  | 31.10 | 6.57 | 29.21 |
| AV   | 7.31172G | 44.03    | 54.00    | -9.97  | 13.76  | 3    | Horizontal | 19      | 1.00   | -       | 30.27  | 36.32 | 7.60 | 30.16 |
| PK   | 4.87456G | 52.58    | 74.00    | -21.42 | 8.46   | 3    | Horizontal | 329     | 2.19   | -       | 44.12  | 31.10 | 6.57 | 29.21 |
| PK   | 7.30756G | 56.77    | 74.00    | -17.23 | 13.76  | 3    | Horizontal | 19      | 1.00   | -       | 43.01  | 36.32 | 7.60 | 30.16 |

## VHT40\_Nss1,(MCS0)\_2TX

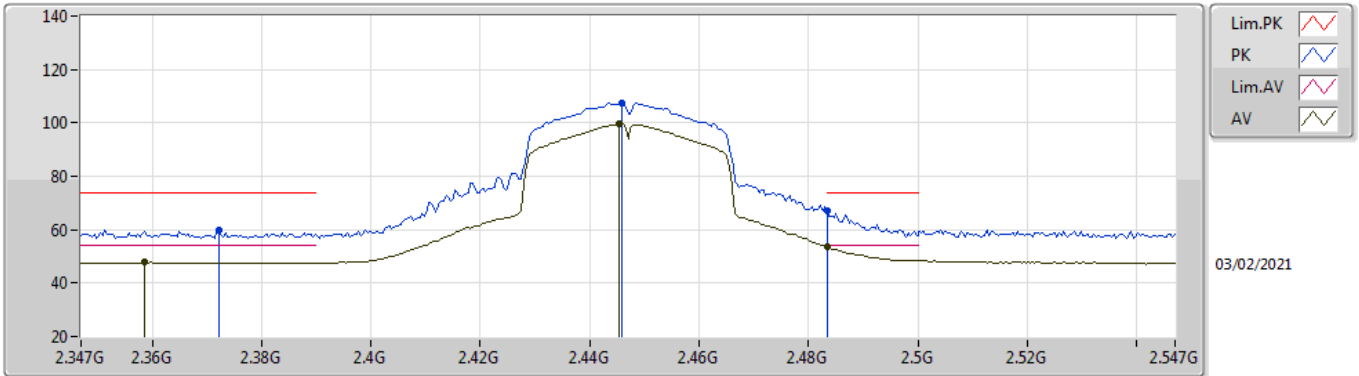
## 2447MHz\_TX



| 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   | 2.347G       | 47.79             | 54.00             | -6.21          | 31.96          | 3           | Vertical  | 357            | 2.85          | -       | 15.83         | 27.71      | 4.25       | -          |
| AV   | 2.4454G      | 99.71             | Inf               | -Inf           | 31.86          | 3           | Vertical  | 357            | 2.85          | -       | 67.85         | 27.51      | 4.35       | -          |
| AV   | 2.4835G      | 53.27             | 54.00             | -0.73          | 31.81          | 3           | Vertical  | 357            | 2.85          | -       | 21.46         | 27.43      | 4.38       | -          |
| PK   | 2.3618G      | 59.61             | 74.00             | -14.39         | 31.94          | 3           | Vertical  | 357            | 2.85          | -       | 27.67         | 27.68      | 4.26       | -          |
| PK   | 2.4458G      | 107.68            | Inf               | -Inf           | 31.86          | 3           | Vertical  | 357            | 2.85          | -       | 75.82         | 27.51      | 4.35       | -          |
| PK   | 2.4835G      | 67.24             | 74.00             | -6.76          | 31.81          | 3           | Vertical  | 357            | 2.85          | -       | 35.43         | 27.43      | 4.38       | -          |

## VHT40\_Nss1,(MCS0)\_2TX

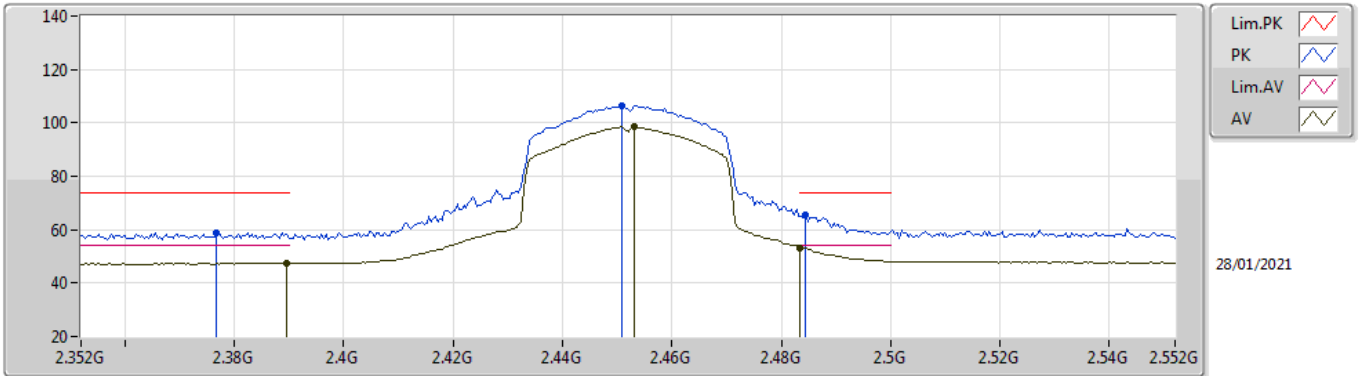
## 2447MHz\_TX



| 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   | 2.3586G      | 47.68             | 54.00             | -6.32          | 31.94          | 3           | Horizontal | 300            | 1.49          | -       | 15.74         | 27.68      | 4.26       | -          |
| AV   | 2.4454G      | 99.53             | Inf               | -Inf           | 31.86          | 3           | Horizontal | 300            | 1.49          | -       | 67.67         | 27.51      | 4.35       | -          |
| AV   | 2.4835G      | 53.40             | 54.00             | -0.60          | 31.81          | 3           | Horizontal | 300            | 1.49          | -       | 21.59         | 27.43      | 4.38       | -          |
| PK   | 2.3722G      | 59.76             | 74.00             | -14.24         | 31.93          | 3           | Horizontal | 300            | 1.49          | -       | 27.83         | 27.66      | 4.27       | -          |
| PK   | 2.4458G      | 107.32            | Inf               | -Inf           | 31.86          | 3           | Horizontal | 300            | 1.49          | -       | 75.46         | 27.51      | 4.35       | -          |
| PK   | 2.4835G      | 67.24             | 74.00             | -6.76          | 31.81          | 3           | Horizontal | 300            | 1.49          | -       | 35.43         | 27.43      | 4.38       | -          |

## VHT40\_Nss1,(MCS0)\_2TX

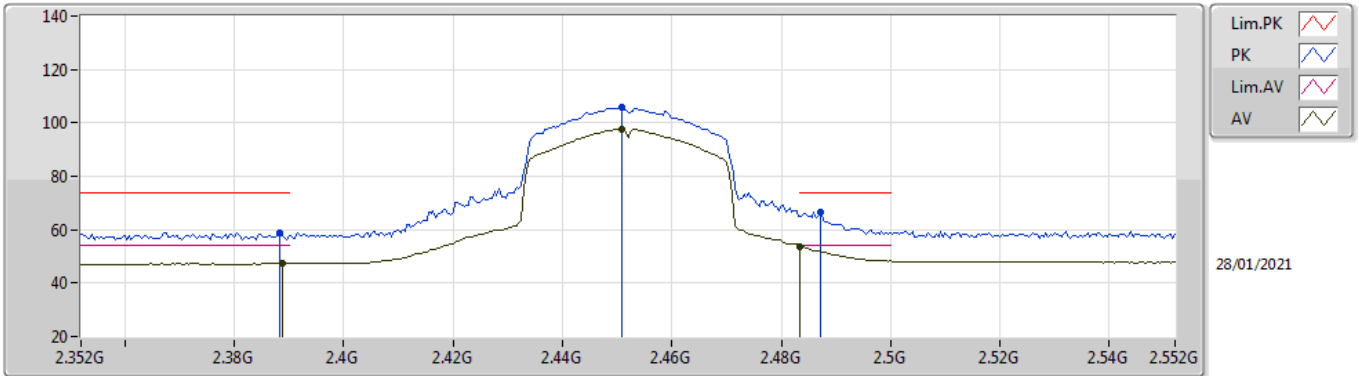
## 2452MHz\_TX



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|--------|-------------|-----------|----------------|---------------|---------|---------------|------------|------------|------------|
| AV   | 2.3896G      | 47.49             | 54.00             | -6.51          | 31.91  | 3           | Vertical  | 357            | 2.77          | -       | 15.58         | 27.62      | 4.29       | -          |
| AV   | 2.4532G      | 98.42             | Inf               | -Inf           | 31.84  | 3           | Vertical  | 357            | 2.77          | -       | 66.58         | 27.49      | 4.35       | -          |
| AV   | 2.4835G      | 53.36             | 54.00             | -0.64          | 31.81  | 3           | Vertical  | 357            | 2.77          | -       | 21.55         | 27.43      | 4.38       | -          |
| PK   | 2.3768G      | 58.99             | 74.00             | -15.01         | 31.93  | 3           | Vertical  | 357            | 2.77          | -       | 27.06         | 27.65      | 4.28       | -          |
| PK   | 2.4508G      | 106.29            | Inf               | -Inf           | 31.85  | 3           | Vertical  | 357            | 2.77          | -       | 74.44         | 27.50      | 4.35       | -          |
| PK   | 2.4844G      | 65.56             | 74.00             | -8.44          | 31.81  | 3           | Vertical  | 357            | 2.77          | -       | 33.75         | 27.43      | 4.38       | -          |

## VHT40\_Nss1,(MCS0)\_2TX

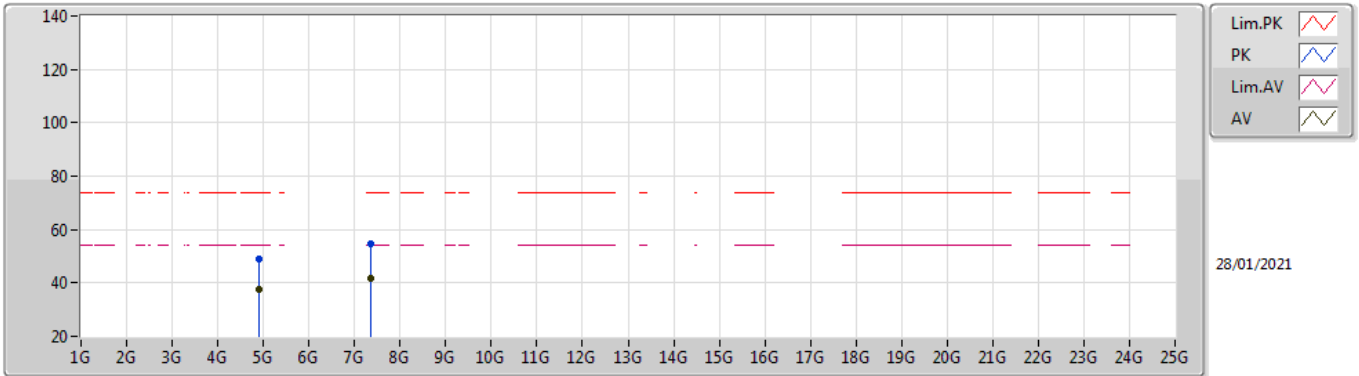
## 2452MHz\_TX



| 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   | 2.3888G      | 47.48             | 54.00             | -6.52          | 31.91          | 3           | Horizontal | 303            | 1.20          | -       | 15.57         | 27.62      | 4.29       | -          |
| AV   | 2.4508G      | 97.70             | Inf               | -Inf           | 31.85          | 3           | Horizontal | 303            | 1.20          | -       | 65.85         | 27.50      | 4.35       | -          |
| AV   | 2.4835G      | 53.81             | 54.00             | -0.19          | 31.81          | 3           | Horizontal | 303            | 1.20          | -       | 22.00         | 27.43      | 4.38       | -          |
| PK   | 2.3884G      | 59.05             | 74.00             | -14.95         | 31.91          | 3           | Horizontal | 303            | 1.20          | -       | 27.14         | 27.62      | 4.29       | -          |
| PK   | 2.4508G      | 105.65            | Inf               | -Inf           | 31.85          | 3           | Horizontal | 303            | 1.20          | -       | 73.80         | 27.50      | 4.35       | -          |
| PK   | 2.4872G      | 66.65             | 74.00             | -7.35          | 31.82          | 3           | Horizontal | 303            | 1.20          | -       | 34.83         | 27.43      | 4.39       | -          |

## VHT40\_Nss1,(MCS0)\_2TX

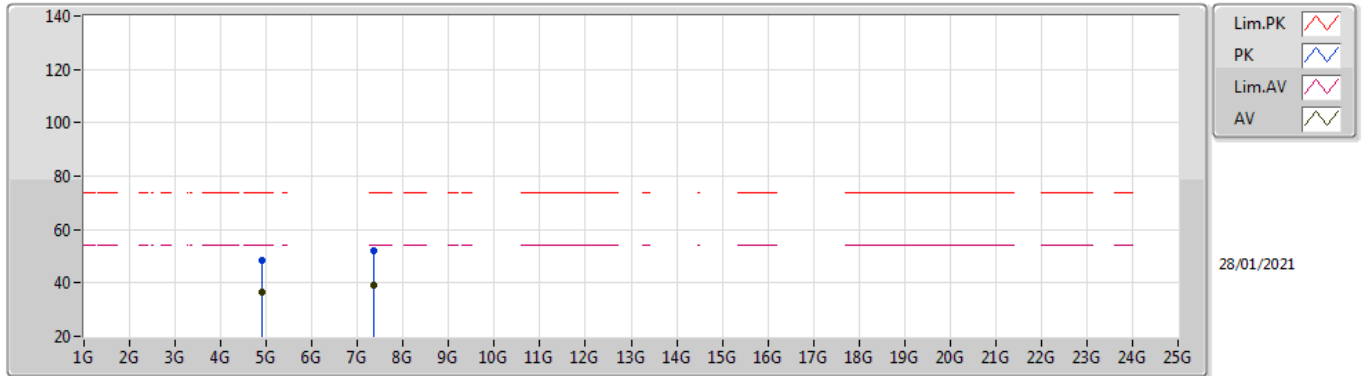
## 2452MHz\_TX



| Type | Freq     | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Comment | Raw    | AF    | CL   | PA    |
|------|----------|----------|----------|--------|--------|------|-----------|---------|--------|---------|--------|-------|------|-------|
|      | (Hz)     | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    |         | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 4.90392G | 37.73    | 54.00    | -16.27 | 8.51   | 3    | Vertical  | 333     | 2.20   | -       | 29.22  | 31.11 | 6.60 | 29.20 |
| AV   | 7.3568G  | 41.75    | 54.00    | -12.25 | 13.75  | 3    | Vertical  | 86      | 1.00   | -       | 28.00  | 36.35 | 7.60 | 30.20 |
| PK   | 4.90448G | 48.80    | 74.00    | -25.20 | 8.51   | 3    | Vertical  | 333     | 2.20   | -       | 40.29  | 31.11 | 6.60 | 29.20 |
| PK   | 7.35856G | 54.44    | 74.00    | -19.56 | 13.73  | 3    | Vertical  | 86      | 1.00   | -       | 40.71  | 36.33 | 7.60 | 30.20 |

## VHT40\_Nss1,(MCS0)\_2TX

## 2452MHz\_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   | 4.904G       | 36.67             | 54.00             | -17.33         | 8.51           | 3           | Horizontal | 329            | 1.02          | -       | 28.16         | 31.11      | 6.60       | 29.20      |
| AV   | 7.34528G     | 39.33             | 54.00             | -14.67         | 13.80          | 3           | Horizontal | 360            | 1.78          | -       | 25.53         | 36.39      | 7.60       | 30.19      |
| PK   | 4.90392G     | 48.51             | 74.00             | -25.49         | 8.51           | 3           | Horizontal | 329            | 1.02          | -       | 40.00         | 31.11      | 6.60       | 29.20      |
| PK   | 7.35328G     | 51.84             | 74.00             | -22.16         | 13.78          | 3           | Horizontal | 360            | 1.78          | -       | 38.06         | 36.37      | 7.60       | 30.19      |

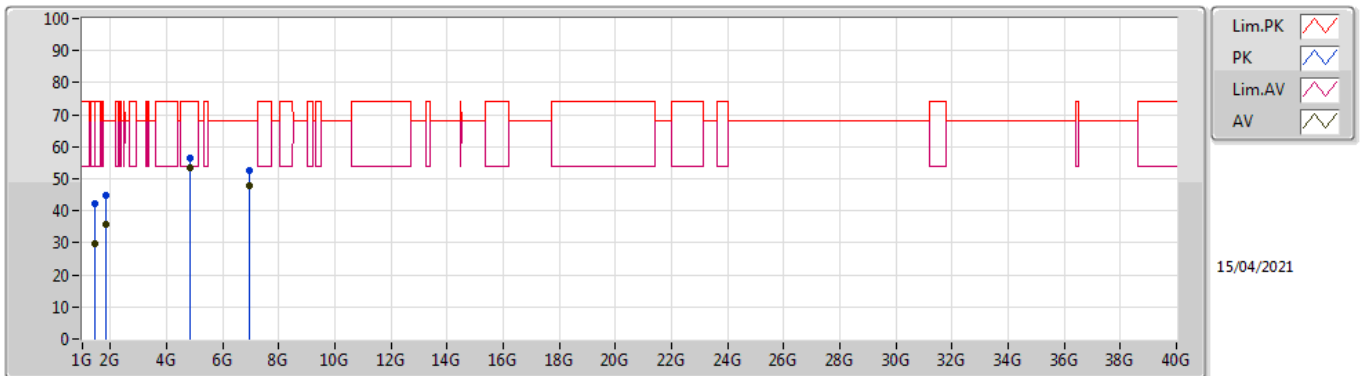
**Summary**

| Mode   | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Condition |
|--------|--------|------|-----------|----------------|----------------|-------------|-----------|
| Mode 1 | Pass   | AV   | 4.85405G  | 53.30          | 54.00          | -0.70       | Vertical  |

**Mode Configure**

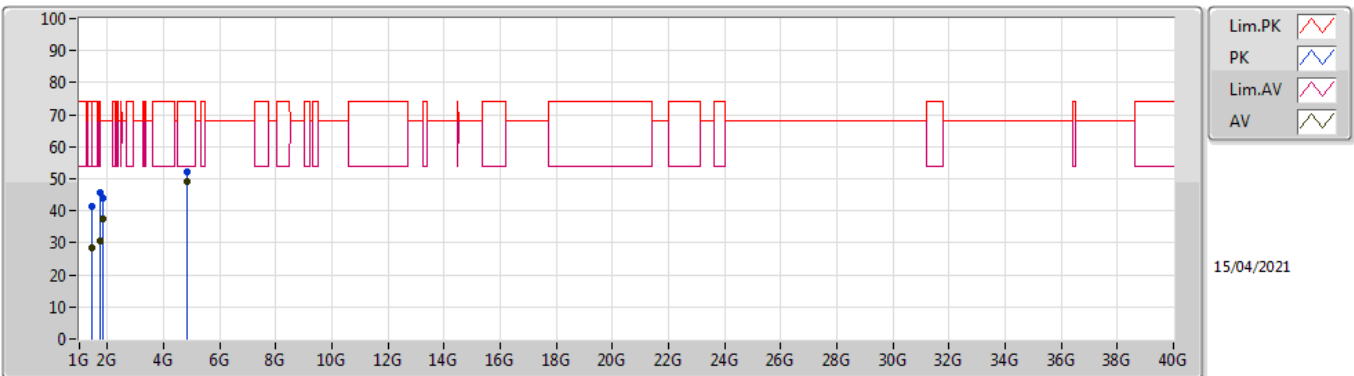
| Mode   | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Comments |
|--------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|----------|
| Mode 1 | Pass   | AV   | 1.42G     | 29.69          | 54.00          | -24.31      | 3        | Vertical   | 0           | 1.50       | -        |
| Mode 1 | Pass   | AV   | 1.852G    | 35.66          | 68.20          | -32.54      | 3        | Vertical   | 0           | 1.50       | -        |
| Mode 1 | Pass   | AV   | 4.85405G  | 53.30          | 54.00          | -0.70       | 3        | Vertical   | 212         | 1.50       | -        |
| Mode 1 | Pass   | AV   | 6.94669G  | 47.81          | 68.20          | -20.39      | 3        | Vertical   | 349         | 2.01       | -        |
| Mode 1 | Pass   | PK   | 1.42G     | 42.28          | 74.00          | -31.72      | 3        | Vertical   | 0           | 1.50       | -        |
| Mode 1 | Pass   | PK   | 1.852G    | 44.67          | 68.20          | -23.53      | 3        | Vertical   | 0           | 1.50       | -        |
| Mode 1 | Pass   | PK   | 4.852G    | 56.52          | 74.00          | -17.48      | 3        | Vertical   | 212         | 1.50       | -        |
| Mode 1 | Pass   | PK   | 6.952G    | 52.60          | 68.20          | -15.60      | 3        | Vertical   | 349         | 2.01       | -        |
| Mode 1 | Pass   | AV   | 1.42G     | 28.47          | 54.00          | -25.53      | 3        | Horizontal | 360         | 1.50       | -        |
| Mode 1 | Pass   | AV   | 1.74496G  | 30.71          | 68.20          | -37.49      | 3        | Horizontal | 88          | 1.11       | -        |
| Mode 1 | Pass   | AV   | 1.8409G   | 37.45          | 68.20          | -30.75      | 3        | Horizontal | 76          | 1.15       | -        |
| Mode 1 | Pass   | AV   | 4.85398G  | 49.07          | 54.00          | -4.93       | 3        | Horizontal | 222         | 1.66       | -        |
| Mode 1 | Pass   | PK   | 1.42G     | 41.37          | 74.00          | -32.63      | 3        | Horizontal | 360         | 1.50       | -        |
| Mode 1 | Pass   | PK   | 1.744G    | 45.85          | 68.20          | -22.35      | 3        | Horizontal | 88          | 1.11       | -        |
| Mode 1 | Pass   | PK   | 1.84G     | 43.84          | 68.20          | -24.36      | 3        | Horizontal | 76          | 1.15       | -        |
| Mode 1 | Pass   | PK   | 4.852G    | 52.12          | 74.00          | -21.88      | 3        | Horizontal | 222         | 1.66       | -        |

## Radiated Emissions above 1GHz\_Mode 1



| 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   | 1.42G        | 29.69             | 54.00             | -24.31         | -1.98          | 3           | Vertical  | 0              | 1.50          | -       | 31.67         | 26.04      | 3.22       | 31.24      |
| AV   | 1.852G       | 35.66             | 68.20             | -32.54         | -1.16          | 3           | Vertical  | 0              | 1.50          | -       | 36.82         | 25.51      | 3.75       | 30.42      |
| AV   | 4.85405G     | 53.30             | 54.00             | -0.70          | 8.53           | 3           | Vertical  | 212            | 1.50          | -       | 44.77         | 31.20      | 6.55       | 29.22      |
| AV   | 6.94669G     | 47.81             | 68.20             | -20.39         | 12.35          | 3           | Vertical  | 349            | 2.01          | -       | 35.46         | 34.79      | 7.47       | 29.91      |
| PK   | 1.42G        | 42.28             | 74.00             | -31.72         | -1.98          | 3           | Vertical  | 0              | 1.50          | -       | 44.26         | 26.04      | 3.22       | 31.24      |
| PK   | 1.852G       | 44.67             | 68.20             | -23.53         | -1.16          | 3           | Vertical  | 0              | 1.50          | -       | 45.83         | 25.51      | 3.75       | 30.42      |
| PK   | 4.852G       | 56.52             | 74.00             | -17.48         | 8.53           | 3           | Vertical  | 212            | 1.50          | -       | 47.99         | 31.20      | 6.55       | 29.22      |
| PK   | 6.952G       | 52.60             | 68.20             | -15.60         | 12.38          | 3           | Vertical  | 349            | 2.01          | -       | 40.22         | 34.81      | 7.48       | 29.91      |

## Radiated Emissions above 1GHz\_Mode 1



| 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   | 1.42G        | 28.47             | 54.00             | -25.53         | -1.98          | 3           | Horizontal | 360            | 1.50          | -       | 30.45         | 26.04      | 3.22       | 31.24      |
| AV   | 1.74496G     | 30.71             | 68.20             | -37.49         | -1.76          | 3           | Horizontal | 88             | 1.11          | -       | 32.47         | 25.19      | 3.62       | 30.57      |
| AV   | 1.8409G      | 37.45             | 68.20             | -30.75         | -1.25          | 3           | Horizontal | 76             | 1.15          | -       | 38.70         | 25.45      | 3.74       | 30.44      |
| AV   | 4.85398G     | 49.07             | 54.00             | -4.93          | 8.53           | 3           | Horizontal | 222            | 1.66          | -       | 40.54         | 31.20      | 6.55       | 29.22      |
| PK   | 1.42G        | 41.37             | 74.00             | -32.63         | -1.98          | 3           | Horizontal | 360            | 1.50          | -       | 43.35         | 26.04      | 3.22       | 31.24      |
| PK   | 1.744G       | 45.85             | 68.20             | -22.35         | -1.76          | 3           | Horizontal | 88             | 1.11          | -       | 47.61         | 25.19      | 3.62       | 30.57      |
| PK   | 1.84G        | 43.84             | 68.20             | -24.36         | -1.26          | 3           | Horizontal | 76             | 1.15          | -       | 45.10         | 25.44      | 3.74       | 30.44      |
| PK   | 4.852G       | 52.12             | 74.00             | -21.88         | 8.53           | 3           | Horizontal | 222            | 1.66          | -       | 43.59         | 31.20      | 6.55       | 29.22      |