

# FCC Radio Test Report

**FCC ID** : TOR-C330  
**Equipment** : Wireless Access Point  
**Brand Name** : Arista  
**Model Name** : C-330, C-330E  
**Applicant** : Arista Networks, Inc.  
5453 Great America Parkway,  
Santa Clara, CA 95054 USA  
**Manufacturer** : Arista Networks, Inc.  
5453 Great America Parkway,  
Santa Clara, CA 95054 USA  
**Standard** : 47 CFR FCC Part 15.407

The product was received on Dec. 16, 2022, and testing was started from Dec. 24, 2022 and completed on Apr. 24, 2023. 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: Jackson Tsai

**SPORTON INTERNATIONAL INC. Hsinhua Laboratory**

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



## Table of Contents

|                                                                      |           |
|----------------------------------------------------------------------|-----------|
| <b>HISTORY OF THIS TEST REPORT .....</b>                             | <b>3</b>  |
| <b>SUMMARY OF TEST RESULT .....</b>                                  | <b>4</b>  |
| <b>1 GENERAL DESCRIPTION .....</b>                                   | <b>5</b>  |
| 1.1 Information.....                                                 | 5         |
| 1.2 Testing Applied Standards .....                                  | 12        |
| 1.3 Testing Location Information .....                               | 12        |
| 1.4 Measurement Uncertainty .....                                    | 12        |
| <b>2 TEST CONFIGURATION OF EUT.....</b>                              | <b>13</b> |
| 2.1 Test Channel Mode .....                                          | 13        |
| 2.2 The Worst Case Measurement Configuration.....                    | 18        |
| 2.3 Accessories .....                                                | 19        |
| 2.4 Support Equipment.....                                           | 19        |
| 2.5 Test Setup Diagram .....                                         | 20        |
| <b>3 TRANSMITTER TEST RESULT .....</b>                               | <b>22</b> |
| 3.1 AC Power-line Conducted Emissions .....                          | 22        |
| 3.2 Emission Bandwidth .....                                         | 24        |
| 3.3 Maximum Conducted Output Power .....                             | 25        |
| 3.4 Peak Power Spectral Density.....                                 | 27        |
| 3.5 Unwanted Emissions.....                                          | 29        |
| <b>4 TEST EQUIPMENT AND CALIBRATION DATA.....</b>                    | <b>33</b> |
| <b>APPENDIX A. TEST RESULTS OF AC POWER-LINE CONDUCTED EMISSIONS</b> |           |
| <b>APPENDIX B. TEST RESULTS OF EMISSION BANDWIDTH</b>                |           |
| <b>APPENDIX C. TEST RESULTS OF MAXIMUM CONDUCTED OUTPUT POWER</b>    |           |
| <b>APPENDIX D. TEST RESULTS OF PEAK POWER SPECTRAL DENSITY</b>       |           |
| <b>APPENDIX E. TEST RESULTS OF UNWANTED EMISSIONS</b>                |           |
| <b>APPENDIX F. TEST RESULTS OF RADIATED EMISSION CO-LOCATION</b>     |           |
| <b>APPENDIX G. TEST PHOTOS</b>                                       |           |
| <b>PHOTOGRAPHS OF EUT V01</b>                                        |           |



## History of this test report

| Report No. | Version | Description                                                                                                             | Issued Date   |
|------------|---------|-------------------------------------------------------------------------------------------------------------------------|---------------|
| FR2D1412AN | 01      | Initial issue of report                                                                                                 | Mar. 31, 2023 |
| FR2D1412AN | 02      | Revise Equipment name<br>(This report is the latest version replacing for the report issued on Mar. 31, 2023)           | Apr. 10, 2023 |
| FR2D1412AN | 03      | Update EUT Function for Radio 3<br>(This report is the latest version replacing for the report issued on Apr. 10, 2023) | May 02, 2023  |
| FR2D1412AN | 04      | Revise Antenna Information<br>(This report is the latest version replacing for the report issued on May 02, 2023)       | May 08, 2023  |
|            |         |                                                                                                                         |               |
|            |         |                                                                                                                         |               |
|            |         |                                                                                                                         |               |
|            |         |                                                                                                                         |               |
|            |         |                                                                                                                         |               |
|            |         |                                                                                                                         |               |
|            |         |                                                                                                                         |               |
|            |         |                                                                                                                         |               |
|            |         |                                                                                                                         |               |
|            |         |                                                                                                                         |               |
|            |         |                                                                                                                         |               |
|            |         |                                                                                                                         |               |
|            |         |                                                                                                                         |               |
|            |         |                                                                                                                         |               |
|            |         |                                                                                                                         |               |
|            |         |                                                                                                                         |               |
|            |         |                                                                                                                         |               |
|            |         |                                                                                                                         |               |
|            |         |                                                                                                                         |               |



## Summary of Test Result

| Report Clause | Ref. Std. Clause | Test Items                        | Result (PASS/FAIL) | Remark |
|---------------|------------------|-----------------------------------|--------------------|--------|
| 1.1.2         | 15.203           | Antenna Requirement               | PASS               | -      |
| 3.1           | 15.207           | AC Power-line Conducted Emissions | PASS               | -      |
| 3.2           | 15.407(a)        | Emission Bandwidth                | PASS               | -      |
| 3.3           | 15.407(a)        | Maximum Conducted Output Power    | PASS               | -      |
| 3.4           | 15.407(a)        | Peak Power Spectral Density       | PASS               | -      |
| 3.5           | 15.407(b)        | Unwanted Emissions                | PASS               | -      |

**Declaration of Conformity:**

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

**Comments and explanations:**

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

**Reviewed by: Ryan Hsiao**

**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 |
|-----------------------|----------------------------------------|---------------------|----------------|
| 5150-5250             | a, n (HT20), ac (VHT20),<br>ax (HEW20) | 5180-5240           | 36-48 [4]      |
| 5725-5850             |                                        | 5745-5825           | 149-165 [5]    |
| 5150-5250             | n (HT40), ac (VHT40),<br>ax (HEW40)    | 5190-5230           | 38-46 [2]      |
| 5725-5850             |                                        | 5755-5795           | 151-159 [2]    |
| 5150-5250             | ac (VHT80), ax (HEW80)                 | 5210                | 42 [1]         |
| 5725-5850             |                                        | 5775                | 155 [1]        |

#### Non-Beamforming\_C-330\_Radio 0

| Band          | Mode           | BWch (MHz) | Nant |
|---------------|----------------|------------|------|
| 5.15-5.25GHz  | 802.11a        | 20         | 2TX  |
| 5.725-5.85GHz | 802.11a        | 20         | 2TX  |
| 5.15-5.25GHz  | 802.11ax HEW20 | 20         | 2TX  |
| 5.725-5.85GHz | 802.11ax HEW20 | 20         | 2TX  |
| 5.15-5.25GHz  | 802.11ax HEW40 | 40         | 2TX  |
| 5.725-5.85GHz | 802.11ax HEW40 | 40         | 2TX  |
| 5.15-5.25GHz  | 802.11ax HEW80 | 80         | 2TX  |
| 5.725-5.85GHz | 802.11ax HEW80 | 80         | 2TX  |

#### Non-Beamforming\_C330\_Radio 3

| Band          | Mode           | BWch (MHz) | Nant |
|---------------|----------------|------------|------|
| 5.15-5.25GHz  | 802.11a        | 20         | 2TX  |
| 5.725-5.85GHz | 802.11a        | 20         | 2TX  |
| 5.15-5.25GHz  | 802.11ax HEW20 | 20         | 2TX  |
| 5.725-5.85GHz | 802.11ax HEW20 | 20         | 2TX  |
| 5.15-5.25GHz  | 802.11ax HEW40 | 40         | 2TX  |
| 5.725-5.85GHz | 802.11ax HEW40 | 40         | 2TX  |
| 5.15-5.25GHz  | 802.11ax HEW80 | 80         | 2TX  |
| 5.725-5.85GHz | 802.11ax HEW80 | 80         | 2TX  |

**Non-Beamforming\_C-330E\_Radio 0**

| Band          | Mode           | BWch (MHz) | Nant |
|---------------|----------------|------------|------|
| 5.15-5.25GHz  | 802.11a        | 20         | 2TX  |
| 5.725-5.85GHz | 802.11a        | 20         | 2TX  |
| 5.15-5.25GHz  | 802.11ax HEW20 | 20         | 2TX  |
| 5.725-5.85GHz | 802.11ax HEW20 | 20         | 2TX  |
| 5.15-5.25GHz  | 802.11ax HEW40 | 40         | 2TX  |
| 5.725-5.85GHz | 802.11ax HEW40 | 40         | 2TX  |
| 5.15-5.25GHz  | 802.11ax HEW80 | 80         | 2TX  |
| 5.725-5.85GHz | 802.11ax HEW80 | 80         | 2TX  |

**Non-Beamforming\_C-330E\_Radio 3**

| Band          | Mode           | BWch (MHz) | Nant |
|---------------|----------------|------------|------|
| 5.15-5.25GHz  | 802.11a        | 20         | 2TX  |
| 5.725-5.85GHz | 802.11a        | 20         | 2TX  |
| 5.15-5.25GHz  | 802.11ax HEW20 | 20         | 2TX  |
| 5.725-5.85GHz | 802.11ax HEW20 | 20         | 2TX  |
| 5.15-5.25GHz  | 802.11ax HEW40 | 40         | 2TX  |
| 5.725-5.85GHz | 802.11ax HEW40 | 40         | 2TX  |
| 5.15-5.25GHz  | 802.11ax HEW80 | 80         | 2TX  |
| 5.725-5.85GHz | 802.11ax HEW80 | 80         | 2TX  |

**Beamforming\_C-330\_Radio 0**

| Band          | Mode              | BWch (MHz) | Nant |
|---------------|-------------------|------------|------|
| 5.15-5.25GHz  | 802.11ax HEW20-BF | 20         | 2TX  |
| 5.725-5.85GHz | 802.11ax HEW20-BF | 20         | 2TX  |
| 5.15-5.25GHz  | 802.11ax HEW40-BF | 40         | 2TX  |
| 5.725-5.85GHz | 802.11ax HEW40-BF | 40         | 2TX  |
| 5.15-5.25GHz  | 802.11ax HEW80-BF | 80         | 2TX  |
| 5.725-5.85GHz | 802.11ax HEW80-BF | 80         | 2TX  |

**Beamforming\_C-330\_Radio 3**

| Band          | Mode              | BWch (MHz) | Nant |
|---------------|-------------------|------------|------|
| 5.15-5.25GHz  | 802.11ax HEW20-BF | 20         | 2TX  |
| 5.725-5.85GHz | 802.11ax HEW20-BF | 20         | 2TX  |
| 5.15-5.25GHz  | 802.11ax HEW40-BF | 40         | 2TX  |
| 5.725-5.85GHz | 802.11ax HEW40-BF | 40         | 2TX  |
| 5.15-5.25GHz  | 802.11ax HEW80-BF | 80         | 2TX  |
| 5.725-5.85GHz | 802.11ax HEW80-BF | 80         | 2TX  |

**Beamforming\_C-330E\_Radio 0**

| Band          | Mode              | BWch (MHz) | Nant |
|---------------|-------------------|------------|------|
| 5.15-5.25GHz  | 802.11ax HEW20-BF | 20         | 2TX  |
| 5.725-5.85GHz | 802.11ax HEW20-BF | 20         | 2TX  |
| 5.15-5.25GHz  | 802.11ax HEW40-BF | 40         | 2TX  |
| 5.725-5.85GHz | 802.11ax HEW40-BF | 40         | 2TX  |
| 5.15-5.25GHz  | 802.11ax HEW80-BF | 80         | 2TX  |
| 5.725-5.85GHz | 802.11ax HEW80-BF | 80         | 2TX  |

**Beamforming\_C-330E\_Radio 3**

| Band          | Mode              | BWch (MHz) | Nant |
|---------------|-------------------|------------|------|
| 5.15-5.25GHz  | 802.11ax HEW20-BF | 20         | 2TX  |
| 5.725-5.85GHz | 802.11ax HEW20-BF | 20         | 2TX  |
| 5.15-5.25GHz  | 802.11ax HEW40-BF | 40         | 2TX  |
| 5.725-5.85GHz | 802.11ax HEW40-BF | 40         | 2TX  |
| 5.15-5.25GHz  | 802.11ax HEW80-BF | 80         | 2TX  |
| 5.725-5.85GHz | 802.11ax HEW80-BF | 80         | 2TX  |

**Note:**

- ♦ 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ VHT20, VHT40, VHT80 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- ♦ HEW20, HEW40, HEW80 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ BWch is the nominal channel bandwidth.

**1.1.2 Antenna Information****C-330**

| Ant. | Brand | Model Name    | Antenna Type | Connector | Remark                   |
|------|-------|---------------|--------------|-----------|--------------------------|
| 1    | WHAYU | C393-510223-A | PIFA         | I-PEX     | Radio 3_2.4G+5G+6G       |
| 2    | WHAYU | C393-510223-A | PIFA         | I-PEX     | Radio 1_2.4G+Radio 0_5G  |
| 3    | WHAYU | C393-510223-A | PIFA         | I-PEX     | Radio 3_2.4G+5G+6G       |
| 4    | WHAYU | C393-510223-A | PIFA         | I-PEX     | Radio 1_2.4G+ Radio 0_5G |
| 5    | WHAYU | C393-510223-A | PIFA         | I-PEX     | Radio 2_6G               |
| 6    | WHAYU | C393-510223-A | PIFA         | I-PEX     | Radio 2_6G               |
| 7    | WHAYU | C393-510223-A | Dipole       | I-PEX     | Radio 4_BT               |

| Ant. | Gain (dBi) |         |         |         |     |     |         |
|------|------------|---------|---------|---------|-----|-----|---------|
|      | Radio 0    | Radio 1 | Radio 2 | Radio 3 |     |     | Radio 4 |
|      | 5G         | 2.4G    | 6G      | 2.4G    | 5G  | 6G  | BT      |
| 1    | -          | -       | -       | 4.7     | 6.4 | 6.3 | -       |
| 2    | 2.48       | 1.31    | -       | -       | -   | -   | -       |
| 3    | -          | -       | -       | 4.2     | 6.4 | 6.1 | -       |
| 4    | 4.29       | 1.14    | -       | -       | -   | -   | -       |
| 5    | -          | -       | 5.79    | -       | -   | -   | -       |
| 6    | -          | -       | 5.88    | -       | -   | -   | -       |
| 7    | -          | -       | -       | -       | -   | -   | 4.6     |

| Composite Gain (dBi) |      |        |         |         |        |        |        |        |        |
|----------------------|------|--------|---------|---------|--------|--------|--------|--------|--------|
|                      | 2.4G | UNII-1 | UNII-2A | UNII-2C | UNII-3 | 6.175G | 6.475G | 6.695G | 6.995G |
| DG [1SS]             | 2.43 | 4.5    | 3.9     | 3.82    | 4.72   | 6.06   | 5.38   | 6.58   | 6.18   |
| DG [2SS]             | 1.31 | 4.29   | 3.18    | 3.16    | 3.09   | 5.88   | 5.1    | 5.81   | 5.86   |

Note 1: The EUT has seven antennas.

Note 2: The composite gain is derived as KDB 662911 D03 v01 which was used as directional gain for Radio 0, Radio 1, Radio 2. For more detail information, please refer to the Antenna Pattern Report AP2D1412.

Note 3: Directional gain information for Radio 3

|               | Maximum Output Power                                                                                                                                       | Power Spectral Density                                                                                                                 |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Non-BF</b> | Directional gain = Max.gain + array gain.<br>For power measurements on IEEE 802.11 devices<br>Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$ | $Directional\ Gain = 10 \cdot \log \left[ \frac{\sum_{j=1}^{N_{in}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$ |
| <b>BF</b>     | $Directional\ Gain = 10 \cdot \log \left[ \frac{\sum_{j=1}^{N_{in}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$                     | $Directional\ Gain = 10 \cdot \log \left[ \frac{\sum_{j=1}^{N_{in}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$ |

#### For 2.4GHz function:

For IEEE 802.11 b/g/n/ax mode (2TX/2RX) (Radio 1)

Ant. 2 and Ant. 4 could transmit/receive simultaneously.

For IEEE 802.11 b/g/n/ax mode (2TX/2RX) (Radio 3)

Ant. 1 and Ant. 3 could transmit/receive simultaneously.

#### For 5GHz function:

For IEEE 802.11 a/n/ac/ax mode (2TX/2RX) (Radio 0)

Ant. 2 and Ant. 4 could transmit/receive simultaneously.

For IEEE 802.11 a/n/ac/ax mode (2TX/2RX) (Radio 3)

Ant. 1 and Ant. 3 could transmit/receive simultaneously.

#### For BT function:

For IEEE 802.15.1 Bluetooth mode (1TX/1RX) (Radio 4)

Ant. 7 could transmit/receive.

**For 6GHz function:**

For IEEE 802.11 ax mode (2TX/2RX) (Radio 2)

Ant. 5 and Ant. 6 could transmit/receive simultaneously.

For IEEE 802.11 ax mode (2TX/2RX) (Radio 3)

Ant. 1 and Ant. 3 could transmit/receive simultaneously.

**C-330E**

| Ant. | Brand | Model Name    | Antenna Type    | Connector | Remark                   |
|------|-------|---------------|-----------------|-----------|--------------------------|
| 1    | WHAYU | C393-510225-A | External Dipole | SMA       | Radio 3_2.4G+5G          |
| 2    | WHAYU | C393-510225-A | External Dipole | SMA       | Radio 1_2.4G+Radio 0_5G  |
| 3    | WHAYU | C393-510225-A | External Dipole | SMA       | Radio 3_2.4G+5G          |
| 4    | WHAYU | C393-510225-A | External Dipole | SMA       | Radio 1_2.4G+ Radio 0_5G |
| 5    | WHAYU | C393-510224-A | Dipole          | I-PEX     | Radio 4_BT               |

| Ant. | Gain (dBi) |         |         |     |         |
|------|------------|---------|---------|-----|---------|
|      | Radio 0    | Radio 1 | Radio 3 |     | Radio 4 |
|      | 5G         | 2.4G    | 2.4G    | 5G  | BT      |
| 1    | -          | -       | 5.2     | 5.6 | -       |
| 2    | 5.9        | 4.9     | -       | -   | -       |
| 3    | -          | -       | 4.7     | 6.6 | -       |
| 4    | 5.6        | 4.4     | -       | -   | -       |
| 5    | -          | -       | -       | -   | 4.6     |

Note 1: Directional gain information for Radio 0, Radio 1, Radio 3.

|               | Maximum Output Power                                                                                                                                | Power Spectral Density                                                                                                                  |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Non-BF</b> | Directional gain = Max.gain + array gain.<br>For power measurements on IEEE 802.11 devices<br>Array Gain = 0 dB (i.e., no array gain) for N ANT ≤ 4 | $Directional\ Gain = 10 \cdot \log \left[ \frac{\sum_{j=1}^{N_{ANT}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$ |
| <b>BF</b>     | $Directional\ Gain = 10 \cdot \log \left[ \frac{\sum_{j=1}^{N_{ANT}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$             | $Directional\ Gain = 10 \cdot \log \left[ \frac{\sum_{j=1}^{N_{ANT}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$ |

**For 2.4GHz function:**

For IEEE 802.11 b/g/n/ax mode (2TX/2RX) (Radio 1)

Ant. 2 and Ant. 4 could transmit/receive simultaneously.

For IEEE 802.11 b/g/n/ax mode (2TX/2RX) (Radio 3)

Ant. 1 and Ant. 3 could transmit/receive simultaneously.

**For 5GHz function:**

For IEEE 802.11 a/n/ac/ax mode (2TX/2RX) (Radio 0)

Ant. 2 and Ant. 4 could transmit/receive simultaneously.

For IEEE 802.11 a/n/ac/ax mode (2TX/2RX) (Radio 3)

Ant. 1 and Ant. 3 could transmit/receive simultaneously.

**For BT function:**

For IEEE 802.15.1 Bluetooth mode (1TX/1RX) (Radio 4)

Ant. 5 could transmit/receive.



## 1.1.3 EUT Information

| Operational Condition               |                                                                               |                                     |                     |
|-------------------------------------|-------------------------------------------------------------------------------|-------------------------------------|---------------------|
| EUT Power Type                      | From PoE                                                                      |                                     |                     |
| EUT Function                        | <input type="checkbox"/> Outdoor AP                                           | <input checked="" type="checkbox"/> | Indoor AP (Radio 0) |
|                                     | <input type="checkbox"/> Fixed P2P AP                                         | <input checked="" type="checkbox"/> | Client (Radio 3)    |
|                                     | <input type="checkbox"/> OEM Device installed in vehicle                      |                                     |                     |
| Beamforming Function                | <input checked="" type="checkbox"/> With beamforming                          | <input type="checkbox"/>            | Without beamforming |
| Resource Unit(802.11ax)             | <input checked="" type="checkbox"/> Full RU                                   | <input type="checkbox"/>            | Partial RU          |
| 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\_C-330\_Radio 0

| Mode                           | DC    | DCF(dB) | T(s)   | VBW(Hz) ≥ 1/T |
|--------------------------------|-------|---------|--------|---------------|
| 802.11a_Nss1,(6Mbps)_2TX       | 0.949 | 0.23    | 1.978m | 1k            |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | 0.801 | 0.96    | 5.446m | 300           |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | 0.799 | 0.97    | 5.446m | 300           |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | 0.799 | 0.97    | 5.446m | 300           |

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

## Non-Beamforming\_C-330\_Radio 3

| Mode                           | DC    | DCF(dB) | T(s)   | VBW(Hz) ≥ 1/T |
|--------------------------------|-------|---------|--------|---------------|
| 802.11a_Nss1,(6Mbps)_2TX       | 0.948 | 0.23    | 1.977m | 1k            |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | 0.791 | 1.02    | 5.446m | 300           |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | 0.789 | 1.03    | 5.446m | 300           |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | 0.789 | 1.03    | 5.446m | 300           |

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

## Non-Beamforming\_C-330E\_Radio 0

| Mode                           | DC    | DCF(dB) | T(s)   | VBW(Hz) ≥ 1/T |
|--------------------------------|-------|---------|--------|---------------|
| 802.11a_Nss1,(6Mbps)_2TX       | 0.943 | 0.25    | 1.977m | 1k            |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | 0.799 | 0.97    | 5.446m | 300           |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | 0.799 | 0.97    | 5.446m | 300           |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | 0.798 | 0.98    | 5.446m | 300           |

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

**Non-Beamforming\_C-330E\_Radio 3**

| Mode                           | DC    | DCF(dB) | T(s)   | VBW(Hz) $\geq 1/T$ |
|--------------------------------|-------|---------|--------|--------------------|
| 802.11a_Nss1,(6Mbps)_2TX       | 0.948 | 0.23    | 1.977m | 1k                 |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | 0.791 | 1.02    | 5.446m | 300                |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | 0.789 | 1.03    | 5.446m | 300                |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | 0.789 | 1.03    | 5.446m | 300                |

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

**Beamforming\_C-330\_Radio 0**

| Mode                              | DC    | DCF(dB) | T(s)   | VBW(Hz) $\geq 1/T$ |
|-----------------------------------|-------|---------|--------|--------------------|
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 0.801 | 0.96    | 5.446m | 300                |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 0.799 | 0.97    | 5.446m | 300                |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 0.799 | 0.97    | 5.446m | 300                |

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

**Beamforming\_C-330\_Radio 3**

| Mode              | DC    | DCF(dB) | T(s)   | VBW(Hz) $\geq 1/T$ |
|-------------------|-------|---------|--------|--------------------|
| 802.11ax HEW20-BF | 0.791 | 1.02    | 5.446m | 300                |
| 802.11ax HEW40-BF | 0.789 | 1.03    | 5.446m | 300                |
| 802.11ax HEW80-BF | 0.789 | 1.03    | 5.446m | 300                |

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

**Beamforming\_C-330E\_Radio 0**

| Mode                              | DC    | DCF(dB) | T(s)   | VBW(Hz) $\geq 1/T$ |
|-----------------------------------|-------|---------|--------|--------------------|
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 0.799 | 0.97    | 5.446m | 300                |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 0.799 | 0.97    | 5.446m | 300                |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 0.798 | 0.98    | 5.446m | 300                |

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

**Beamforming\_C-330E\_Radio 3**

| Mode                              | DC    | DCF(dB) | T(s)   | VBW(Hz) $\geq 1/T$ |
|-----------------------------------|-------|---------|--------|--------------------|
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 0.791 | 1.02    | 5.446m | 300                |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 0.789 | 1.03    | 5.446m | 300                |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 0.789 | 1.03    | 5.446m | 300                |

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

**1.1.5 Table for Multiple Listing**

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

| Model Name | Antenna  | Description                                       |
|------------|----------|---------------------------------------------------|
| C-330      | Internal | Same PCBA, only different in housing and antenna. |
| C-330E     | External |                                                   |

## 1.2 Testing Applied Standards

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

- ♦ 47 CFR FCC Part 15
- ♦ ANSI C63.10-2013
- ♦ KDB 789033 D02 v02r01

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

- ♦ KDB 662911 D01 v02r01
- ♦ KDB 662911 D03 v01
- ♦ 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_C-330                                             | CO04-HY                                                                                 | Wayne Chiu    | 21.3~22.5°C / 53~59% | 06/Jan/2023~07/Jan/2023 |
| AC Conduction_C-330E                                            | CO04-HY                                                                                 | Wayne Chiu    | 21.6~22.2°C / 55~60% | 11/Jan/2023~12/Jan/2023 |
| RF Conducted                                                    | TH07-HY                                                                                 | Yuna Lin      | 21.7~24.1°C / 45~54% | 03/Jan/2023~24/Apr/2023 |
| Radiated_C-330E                                                 | 03CH02-HY                                                                               | Jack Tang     | 19.4~21.7°C / 63~68% | 04/Jan/2023~13/Feb/2023 |
| Radiated_C-330E<br>(Co-location)                                | 03CH02-HY                                                                               | Jack Tang     | 19.6~20.3°C / 62~64% | 02/Mar/2023             |
| <input checked="" type="checkbox"/> Wen 33rd.St.<br>(TAF: 3785) | ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) |               |                      |                         |
|                                                                 | TEL: 886-3-318-0787                                                                     |               | FAX: 886-3-318-0287  |                         |
| Test site Designation No. TW0008 with FCC.                      |                                                                                         |               |                      |                         |
| Test Condition                                                  | Test Site No.                                                                           | Test Engineer | Test Environment     | Test Date               |
| Radiated_C-330                                                  | 03CH09-HY                                                                               | Lego Lin      | 21.5~23.7°C / 59~65% | 24/Dec/2022~10/Feb/2023 |
| Radiated_C-330<br>(Co-location)                                 | 03CH09-HY                                                                               | Lego Lin      | 20.9~23.3°C / 59~66% | 12/Jan/2023             |

## 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                   |
|-----------------------------------|-------------|--------------------------|
| AC Power-line Conducted Emissions | 4.53 dB     | Confidence levels of 95% |
| Emission Bandwidth                | 3 MHz       | Confidence levels of 95% |
| Maximum Conducted Output Power    | 2 dB        | Confidence levels of 95% |
| Power Spectral Density            | 2 dB        | Confidence levels of 95% |
| Unwanted Emissions                | 4.8 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 Channel Mode

|                       |                                      |
|-----------------------|--------------------------------------|
| Test Software Version | qdart_conn.win.1.0_installer_00095.1 |
|-----------------------|--------------------------------------|

#### Non-Beamforming\_C-330\_Radio 0

| Mode                           | Power Setting |
|--------------------------------|---------------|
| 802.11a_Nss1,(6Mbps)_2TX       | -             |
| 5180MHz                        | 18            |
| 5200MHz                        | 18            |
| 5240MHz                        | 18            |
| 5745MHz                        | 18            |
| 5785MHz                        | 18            |
| 5825MHz                        | 18            |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | -             |
| 5180MHz                        | 18            |
| 5200MHz                        | 18            |
| 5240MHz                        | 18            |
| 5745MHz                        | 18            |
| 5785MHz                        | 18            |
| 5825MHz                        | 18            |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | -             |
| 5190MHz                        | 18            |
| 5230MHz                        | 18            |
| 5755MHz                        | 18            |
| 5795MHz                        | 18            |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | -             |
| 5210MHz                        | 17.5          |
| 5775MHz                        | 18            |

#### Non-Beamforming\_C-330\_Radio 3

| Mode                     | Power Setting |
|--------------------------|---------------|
| 802.11a_Nss1,(6Mbps)_2TX | -             |
| 5180MHz                  | 16            |
| 5200MHz                  | 16.5          |
| 5240MHz                  | 16.5          |
| 5745MHz                  | 17.5          |



| Mode                           | Power Setting |
|--------------------------------|---------------|
| 5785MHz                        | 17.5          |
| 5825MHz                        | 17.5          |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | -             |
| 5180MHz                        | 16            |
| 5200MHz                        | 16.5          |
| 5240MHz                        | 16.5          |
| 5745MHz                        | 17.5          |
| 5785MHz                        | 17.5          |
| 5825MHz                        | 17.5          |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | -             |
| 5190MHz                        | 15            |
| 5230MHz                        | 17.5          |
| 5755MHz                        | 17.5          |
| 5795MHz                        | 17.5          |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | -             |
| 5210MHz                        | 15            |
| 5775MHz                        | 17.5          |

**Non-Beamforming\_C-330E\_Radio 0**

| Mode                           | Power Setting |
|--------------------------------|---------------|
| 802.11a_Nss1,(6Mbps)_2TX       | -             |
| 5180MHz                        | 18            |
| 5200MHz                        | 18            |
| 5240MHz                        | 18            |
| 5745MHz                        | 18            |
| 5785MHz                        | 18            |
| 5825MHz                        | 18            |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | -             |
| 5180MHz                        | 18            |
| 5200MHz                        | 18            |
| 5240MHz                        | 18            |
| 5745MHz                        | 18            |
| 5785MHz                        | 18            |
| 5825MHz                        | 18            |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | -             |
| 5190MHz                        | 18            |



| Mode                           | Power Setting |
|--------------------------------|---------------|
| 5230MHz                        | 18            |
| 5755MHz                        | 18            |
| 5795MHz                        | 18            |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | -             |
| 5210MHz                        | 18            |
| 5775MHz                        | 18            |

**Non-Beamforming\_C-330E\_Radio 3**

| Mode                           | Power Setting |
|--------------------------------|---------------|
| 802.11a_Nss1,(6Mbps)_2TX       | -             |
| 5180MHz                        | 16            |
| 5200MHz                        | 16.5          |
| 5240MHz                        | 16.5          |
| 5720MHz Straddle 5.725-5.85GHz | 17            |
| 5745MHz                        | 17.5          |
| 5785MHz                        | 17.5          |
| 5825MHz                        | 17.5          |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | -             |
| 5180MHz                        | 16            |
| 5200MHz                        | 16.5          |
| 5240MHz                        | 16.5          |
| 5720MHz Straddle 5.725-5.85GHz | 17            |
| 5745MHz                        | 17.5          |
| 5785MHz                        | 17.5          |
| 5825MHz                        | 17.5          |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | -             |
| 5190MHz                        | 16            |
| 5230MHz                        | 17.5          |
| 5710MHz Straddle 5.725-5.85GHz | 17.5          |
| 5755MHz                        | 17.5          |
| 5795MHz                        | 17.5          |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | -             |
| 5210MHz                        | 16            |
| 5690MHz Straddle 5.725-5.85GHz | 17.5          |
| 5775MHz                        | 15            |

**Beamforming\_C-330\_Radio 0**

| Mode                              | Power Setting |
|-----------------------------------|---------------|
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | -             |
| 5180MHz                           | 18            |
| 5200MHz                           | 18            |
| 5240MHz                           | 18            |
| 5745MHz                           | 18            |
| 5785MHz                           | 18            |
| 5825MHz                           | 18            |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | -             |
| 5190MHz                           | 18            |
| 5230MHz                           | 18            |
| 5755MHz                           | 18            |
| 5795MHz                           | 18            |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | -             |
| 5210MHz                           | 17.5          |
| 5775MHz                           | 18            |

**Beamforming\_C-330\_Radio 3**

| Mode                              | Power Setting |
|-----------------------------------|---------------|
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | -             |
| 5180MHz                           | 15.5          |
| 5200MHz                           | 16            |
| 5240MHz                           | 16            |
| 5745MHz                           | 17.5          |
| 5785MHz                           | 17.5          |
| 5825MHz                           | 17.5          |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | -             |
| 5190MHz                           | 15            |
| 5230MHz                           | 17            |
| 5755MHz                           | 17.5          |
| 5795MHz                           | 17.5          |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | -             |
| 5210MHz                           | 15            |
| 5775MHz                           | 17.5          |

**Beamforming\_C-330E\_Radio 0**

| Mode                              | Power Setting |
|-----------------------------------|---------------|
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | -             |
| 5180MHz                           | 18            |
| 5200MHz                           | 18            |
| 5240MHz                           | 18            |
| 5745MHz                           | 18            |
| 5785MHz                           | 18            |
| 5825MHz                           | 18            |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | -             |
| 5190MHz                           | 18            |
| 5230MHz                           | 18            |
| 5755MHz                           | 18            |
| 5795MHz                           | 18            |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | -             |
| 5210MHz                           | 18            |
| 5775MHz                           | 18            |

**Beamforming\_C-330E\_Radio 3**

| Mode                              | Power Setting |
|-----------------------------------|---------------|
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | -             |
| 5180MHz                           | 16            |
| 5200MHz                           | 16.5          |
| 5240MHz                           | 16.5          |
| 5745MHz                           | 17.5          |
| 5785MHz                           | 17.5          |
| 5825MHz                           | 17.5          |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | -             |
| 5190MHz                           | 16            |
| 5230MHz                           | 17.5          |
| 5755MHz                           | 17.5          |
| 5795MHz                           | 17.5          |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | -             |
| 5210MHz                           | 16            |
| 5775MHz                           | 15            |

## 2.2 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<br>Test Voltage: 120Vac / 60Hz |
| <b>Operating Mode</b>                               | CTX                                                                                     |
| 1                                                   | PoE mode                                                                                |

| The Worst Case Mode for Following Conformance Tests |                                                                                     |
|-----------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>Tests Item</b>                                   | Emission Bandwidth<br>Maximum Conducted Output Power<br>Peak Power Spectral Density |
| <b>Test Condition</b>                               | Conducted measurement at transmit chains                                            |

| The Worst Case Mode for Following Conformance Tests |                                                                                                                                                                                                                                                     |                                                                                      |                                                                                       |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>Tests Item</b>                                   | Unwanted Emissions                                                                                                                                                                                                                                  |                                                                                      |                                                                                       |
| <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                                                   | PoE mode                                                                                                                                                                                                                                            |                                                                                      |                                                                                       |
| <b>Operating Mode &gt; 1GHz</b>                     | CTX                                                                                                                                                                                                                                                 |                                                                                      |                                                                                       |
| <b>Orthogonal Planes of EUT</b>                     | <b>X Plane</b>                                                                                                                                                                                                                                      | <b>Y Plane</b>                                                                       | <b>Z Plane</b>                                                                        |
|                                                     |                                                                                                                                                                  |  |  |
| <b>Worst Planes of EUT</b>                          | V                                                                                                                                                                                                                                                   |                                                                                      |                                                                                       |

| The Worst Case Mode for Following Conformance Tests (C-330)                                                                         |                                                         |
|-------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|
| <b>Tests Item</b>                                                                                                                   | Simultaneous Transmission Analysis                      |
| <b>Operating Mode</b>                                                                                                               | CTX                                                     |
| 1                                                                                                                                   | Radio 0+Radio 1+Radio 2+Radio 3 (2.4GHz WLAN)+Bluetooth |
| 2                                                                                                                                   | Radio 0+Radio 1+Radio 2+Radio 3 (5GHz WLAN)+Bluetooth   |
| 3                                                                                                                                   | Radio 0+Radio 1+Radio 2+Radio 3 (6GHz WLAN)+Bluetooth   |
| Refer to Sporton Test Report No.: FA2D1412 for Co-location RF Exposure Evaluation and Appendix F for Radiated Emission Co-location. |                                                         |



| The Worst Case Mode for Following Conformance Tests (C-330E)                                                                        |                                                         |
|-------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|
| Tests Item                                                                                                                          | Simultaneous Transmission Analysis                      |
| Operating Mode                                                                                                                      | CTX                                                     |
| 1                                                                                                                                   | Radio 0+Radio 1+Radio 2+Radio 3 (2.4GHz WLAN)+Bluetooth |
| 2                                                                                                                                   | Radio 0+Radio 1+Radio 2+Radio 3 (5GHz WLAN)+Bluetooth   |
| Refer to Sporton Test Report No.: FA2D1412 for Co-location RF Exposure Evaluation and Appendix F for Radiated Emission Co-location. |                                                         |

## 2.3 Accessories

| Accessories |            |        |            |             |
|-------------|------------|--------|------------|-------------|
| Ceiling     | Brand Name | ARISTA | Model Name | MNT-AP-15MM |

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

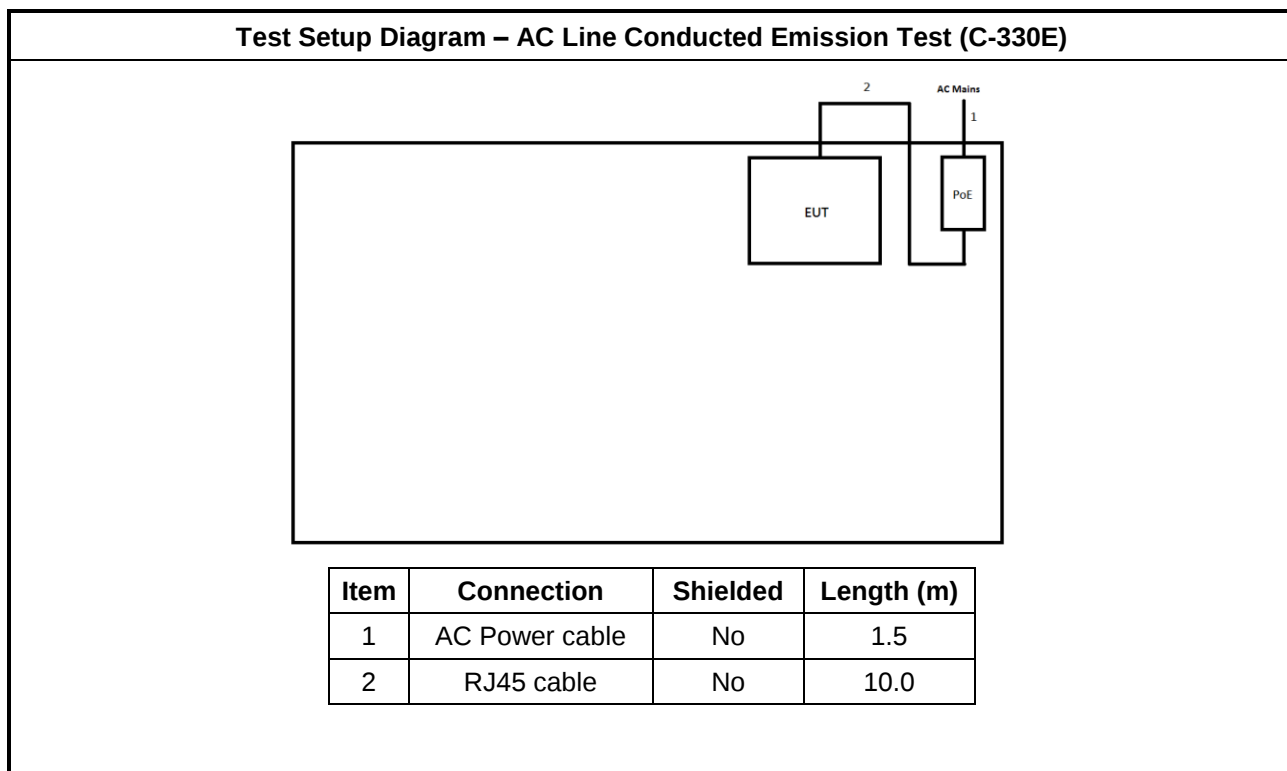
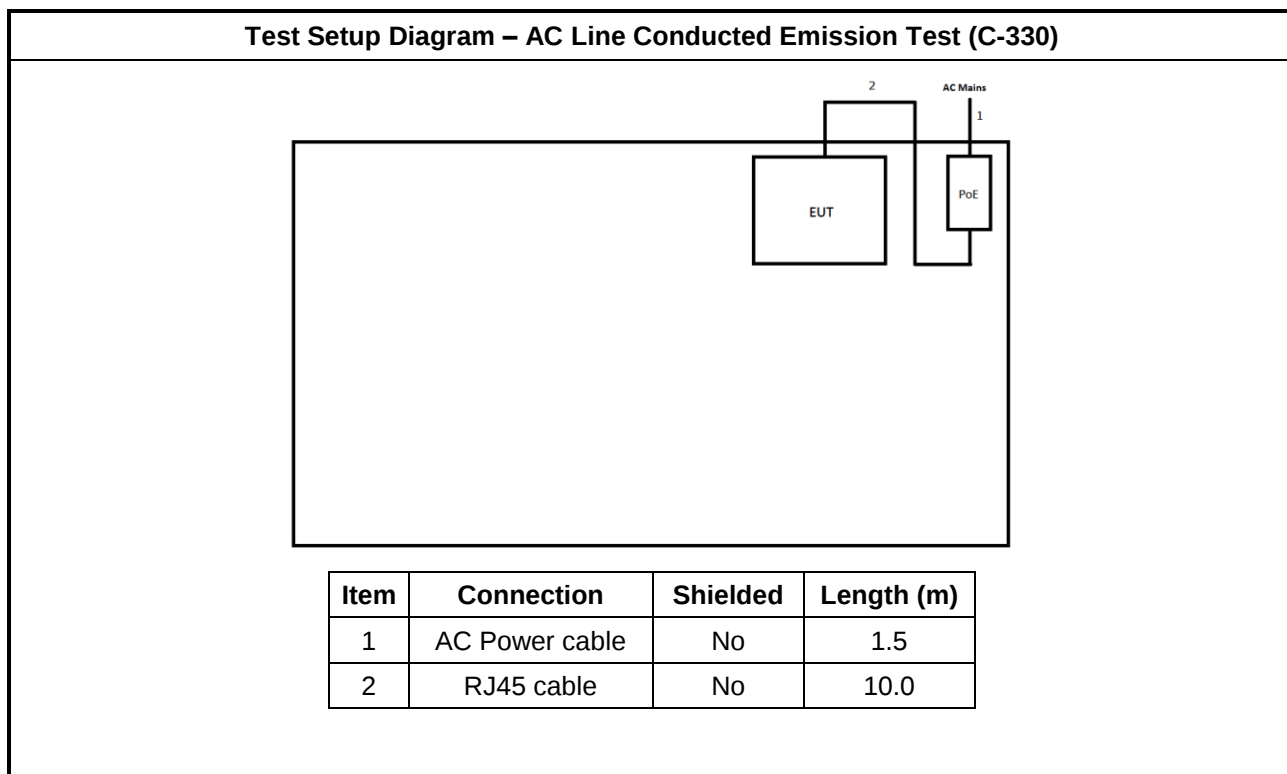
## 2.4 Support Equipment

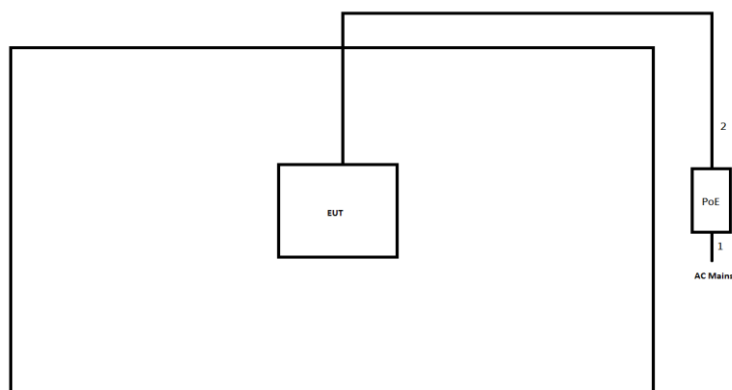
| Support Equipment – AC Conduction |                |            |             |        |        |
|-----------------------------------|----------------|------------|-------------|--------|--------|
| No.                               | Equipment      | Brand Name | Model Name  | FCC ID | Remark |
| 1                                 | AC Power cable | Power Sync | TPCMRN0018  | -      | -      |
| 2                                 | PoE            | GRT        | GRT-480125A | -      | -      |
| 3                                 | RJ45 cable     | Power sync | CAT-6E-10   | -      | -      |

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

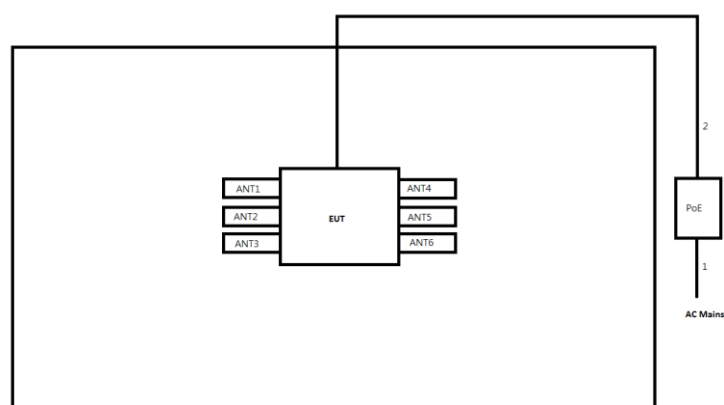
| Support Equipment – Radiated |                |            |             |        |        |
|------------------------------|----------------|------------|-------------|--------|--------|
| No.                          | Equipment      | Brand Name | Model Name  | FCC ID | Remark |
| 1                            | AC Power cable | Power Sync | TPCMRN0018  | -      | -      |
| 2                            | PoE            | GRT        | GRT-480125A | -      | Remote |
| 3                            | RJ45 cable     | Power sync | CAT-6E-10   | -      | -      |

## 2.5 Test Setup Diagram



**Test Setup Diagram - Radiated Test (C-330)**


| Item | Connection     | Shielded | Length (m) |
|------|----------------|----------|------------|
| 1    | AC Power cable | No       | 1.5        |
| 2    | RJ45 cable     | No       | 10.0       |

**Test Setup Diagram - Radiated Test (C-330E)**


| Item | Connection     | Shielded | Length (m) |
|------|----------------|----------|------------|
| 1    | AC Power cable | No       | 1.5        |
| 2    | RJ45 cable     | No       | 10.0       |



### 3 Transmitter Test Result

#### 3.1 AC Power-line Conducted Emissions

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

| AC Power-line Conducted Emissions Limit                  |            |           |
|----------------------------------------------------------|------------|-----------|
| Frequency Emission (MHz)                                 | Quasi-Peak | Average   |
| 0.15-0.5                                                 | 66 - 56 *  | 56 - 46 * |
| 0.5-5                                                    | 56         | 46        |
| 5-30                                                     | 60         | 50        |
| Note 1: * Decreases with the logarithm of the frequency. |            |           |

##### 3.1.2 Measuring Instruments

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

##### 3.1.3 Test Procedures

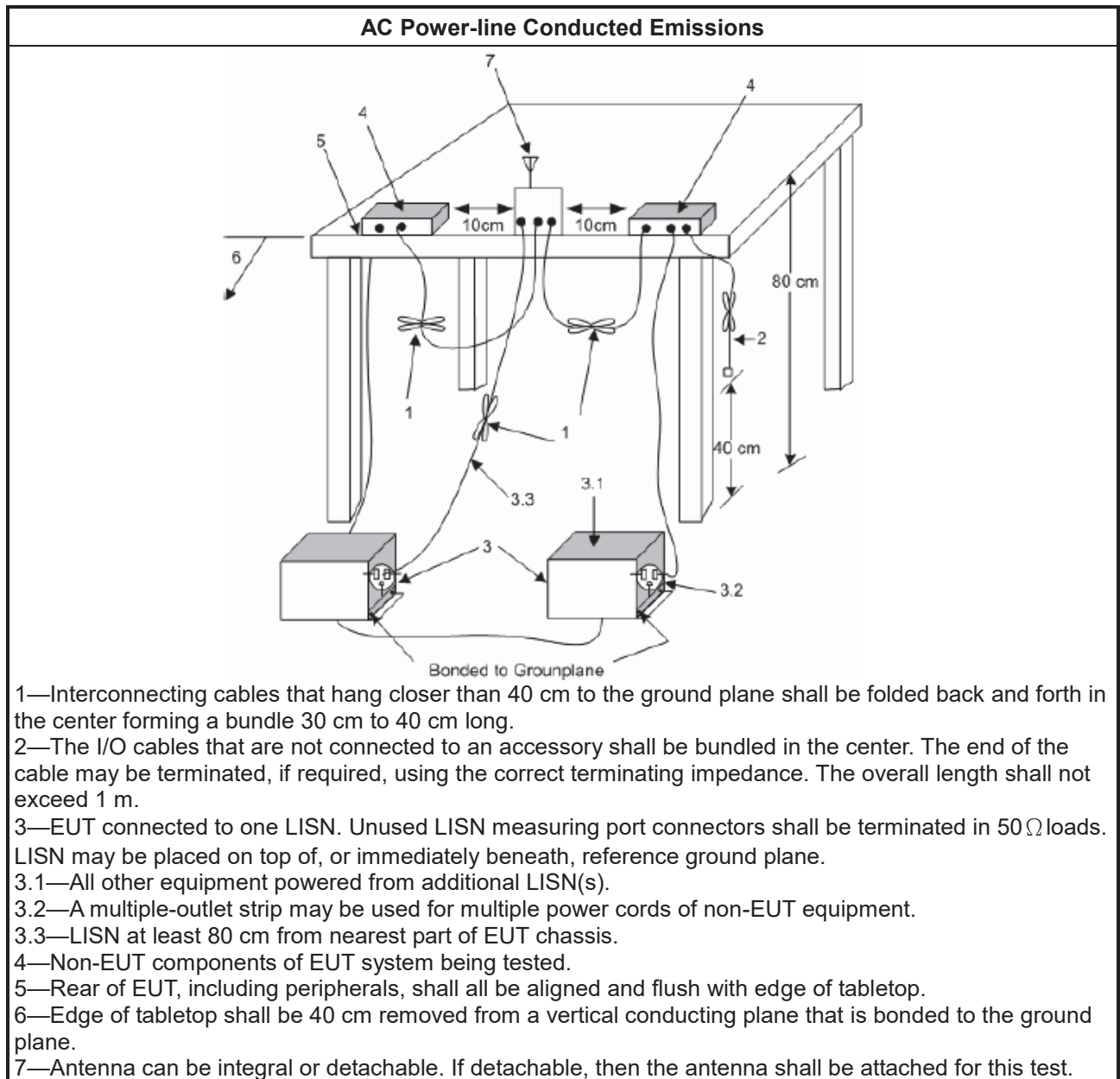
| Test Method                                                                                                      |
|------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> Refer as ANSI C63.10-2013, clause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

##### 3.1.4 Measurement Results Calculation

The measured Level is calculated using:

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

### 3.1.5 Test Setup



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

Refer as Appendix A

## 3.2 Emission Bandwidth

### 3.2.1 Emission Bandwidth Limit

| Emission Bandwidth Limit            |                                                                     |
|-------------------------------------|---------------------------------------------------------------------|
| <b>UNII Devices</b>                 |                                                                     |
| <input checked="" type="checkbox"/> | For the 5.15-5.25 GHz band, N/A                                     |
| <input type="checkbox"/>            | For the 5.25-5.35 GHz band, N/A                                     |
| <input type="checkbox"/>            | For the 5.47-5.725 GHz band, N/A                                    |
| <input checked="" type="checkbox"/> | For the 5.725-5.85 GHz band, 6 dB emission bandwidth $\geq$ 500kHz. |

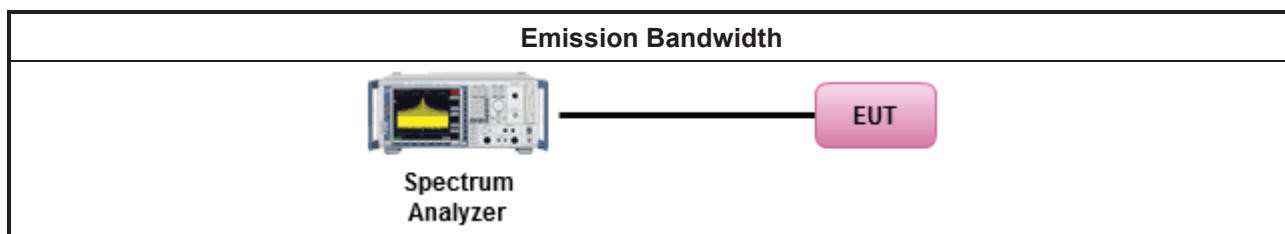
### 3.2.2 Measuring Instruments

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

### 3.2.3 Test Procedures

| Test Method                                                                                                                    |                                                                         |
|--------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>For the emission bandwidth shall be measured using one of the options below:</li> </ul> |                                                                         |
| <input checked="" type="checkbox"/>                                                                                            | Refer as KDB 789033, clause C for EBW and clause D for OBW measurement. |
| <input type="checkbox"/>                                                                                                       | Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.      |
| <input type="checkbox"/>                                                                                                       | Refer as IC RSS-Gen, clause 6.7 for bandwidth testing.                  |

### 3.2.4 Test Setup



### 3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

### 3.3 Maximum Conducted Output Power

#### 3.3.1 Maximum Conducted Output Power Limit

| Maximum Conducted Output Power Limit                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>UNII Devices</b>                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <input checked="" type="checkbox"/>                                                                                        | For the 5.15-5.25 GHz band:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <input type="checkbox"/>                                                                                                   | <ul style="list-style-type: none"> <li>Outdoor AP: the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 6)</math>. e.i.r.p. at any elevation angle above 30 degrees <math>\leq 125</math>mW [21dBm]</li> <li>Indoor AP: the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 6)</math></li> <li>Point-to-point AP: the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W. If <math>G_{TX} &gt; 23</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 23)</math>.</li> <li>Mobile or Portable Client: the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 250 mW. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 24 - (G_{TX} - 6)</math>.</li> </ul> |
| <input type="checkbox"/>                                                                                                   | For the 5.25-5.35 GHz band, the maximum conducted output power ( $P_{Out}$ ) shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$ , where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$ .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <input type="checkbox"/>                                                                                                   | For the 5.47-5.725 GHz band, the maximum conducted output power ( $P_{Out}$ ) shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$ , where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$ .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <input checked="" type="checkbox"/>                                                                                        | For the 5.725-5.85 GHz band:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <input type="checkbox"/>                                                                                                   | <ul style="list-style-type: none"> <li>Point-to-multipoint systems (P2M): the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 6)</math>.</li> <li>Point-to-point systems (P2P): the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| $P_{Out}$ = maximum conducted output power in dBm,<br>$G_{TX}$ = the maximum transmitting antenna directional gain in dBi. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

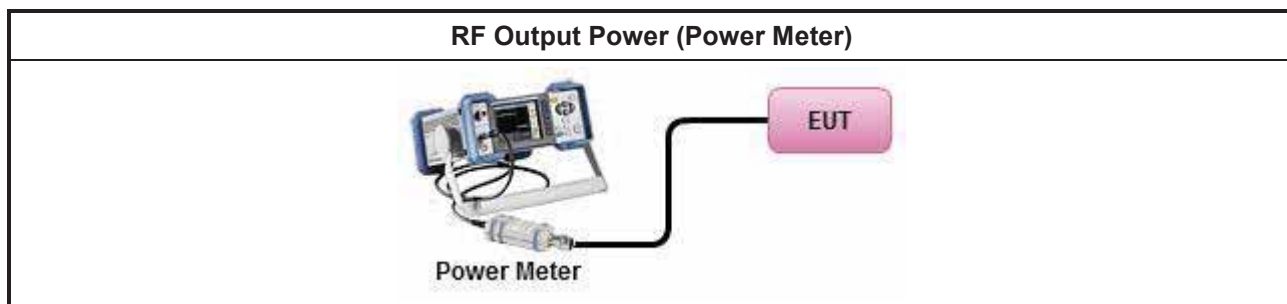
#### 3.3.2 Measuring Instruments

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 Conducted Output Power</li> </ul> |                                                                                                                                                                                                                                                                                                                                                                    |
|                                                                                  | Duty cycle $\geq 98\%$                                                                                                                                                                                                                                                                                                                                             |
| <input type="checkbox"/>                                                         | Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).                                                                                                                                                                                                                                                                                              |
|                                                                                  | Duty cycle $< 98\%$                                                                                                                                                                                                                                                                                                                                                |
| <input type="checkbox"/>                                                         | Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)                                                                                                                                                                                                                                                                               |
|                                                                                  | Wideband RF power meter and average over on/off periods with duty factor                                                                                                                                                                                                                                                                                           |
| <input checked="" type="checkbox"/>                                              | Refer as KDB 789033, clause E Method PM (using an RF average power meter).                                                                                                                                                                                                                                                                                         |
| <ul style="list-style-type: none"> <li>For conducted measurement.</li> </ul>     |                                                                                                                                                                                                                                                                                                                                                                    |
|                                                                                  | <ul style="list-style-type: none"> <li>If the EUT supports multiple transmit chains using options given below:<br/>Refer as KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.</li> </ul> |
|                                                                                  | <ul style="list-style-type: none"> <li>If multiple transmit chains, EIRP calculation could be following as methods:<br/> <math>P_{total} = P_1 + P_2 + \dots + P_n</math><br/>                     (calculated in linear unit [mW] and transfer to log unit [dBm])<br/> <math>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 Peak Power Spectral Density

#### 3.4.1 Peak Power Spectral Density Limit

| Peak Power Spectral Density Limit                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>UNII Devices</b>                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <input checked="" type="checkbox"/>                                                                                                                                                                                                                                                                  | For the 5.15-5.25 GHz band:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <input type="checkbox"/>                                                                                                                                                                                                                                                                             | <ul style="list-style-type: none"> <li>Outdoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 17 - (G_{TX} - 6)</math>.</li> <li>Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 17 - (G_{TX} - 6)</math>.</li> <li>Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If <math>G_{TX} &gt; 23</math> dBi, then <math>P_{Out} = 17 - (G_{TX} - 23)</math>.</li> <li>Mobile or Portable Client: the peak power spectral density (PPSD) <math>\leq 11</math> dBm/MHz. If <math>G_{TX} &gt; 6</math> dBi, then <math>PPSD = 11 - (G_{TX} - 6)</math>.</li> </ul> |
| <input type="checkbox"/>                                                                                                                                                                                                                                                                             | For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) $\leq 11$ dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$ .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <input type="checkbox"/>                                                                                                                                                                                                                                                                             | For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) $\leq 11$ dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$ .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <input checked="" type="checkbox"/>                                                                                                                                                                                                                                                                  | For the 5.725-5.85 GHz band:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <input type="checkbox"/>                                                                                                                                                                                                                                                                             | <ul style="list-style-type: none"> <li>Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) <math>\leq 30</math> dBm/500kHz. If <math>G_{TX} &gt; 6</math> dBi, then <math>PPSD = 30 - (G_{TX} - 6)</math>.</li> <li>Point-to-point systems (P2P): the peak power spectral density (PPSD) <math>\leq 30</math> dBm/500kHz.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>PPSD</b> = peak power spectral density that he same method as used to determine the conducted output power shall be used to determine the power spectral density. And power spectral density in dBm/MHz<br><b><math>G_{TX}</math></b> = the maximum transmitting antenna directional gain in dBi. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

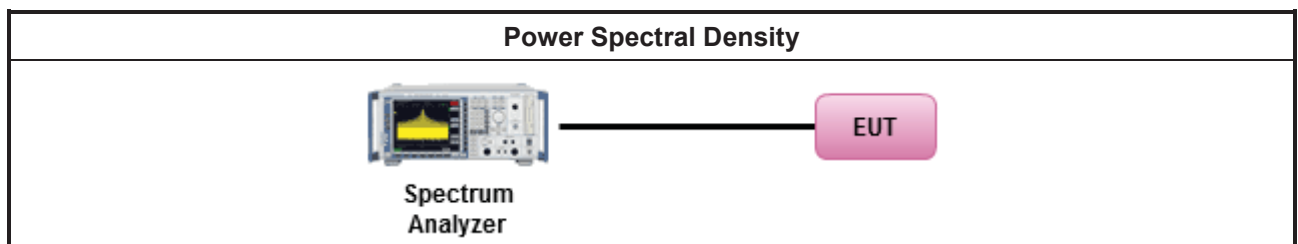
#### 3.4.2 Measuring Instruments

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

### 3.4.3 Test Procedures

| Test Method                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <ul style="list-style-type: none"> <li>Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:</li> </ul>                                                                                                                                                                                                                                                                                                                                                                    |  |
| <input type="checkbox"/> Refer as KDB 789033, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth<br>Duty cycle ≥ 98%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
| <input type="checkbox"/> Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).<br>Duty cycle < 98%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
| <input checked="" type="checkbox"/> Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| <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:</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>Measure and sum the spectra across the outputs. Refer as KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.</li> </ul> </li> </ul> |  |
| <ul style="list-style-type: none"> <li>If multiple transmit chains, EIRP PPSD calculation could be following as methods:<br/> <math>PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n</math><br/> (calculated in linear unit [mW] and transfer to log unit [dBm])<br/> <math>EIRP_{total} = PPSD_{total} + DG</math> </li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |

### 3.4.4 Test Setup



### 3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

### 3.5 Unwanted Emissions

#### 3.5.1 Transmitter Radiated Unwanted Emissions Limit

| Unwanted emissions below 1 GHz and restricted band emissions above 1GHz limit |                       |                         |                      |
|-------------------------------------------------------------------------------|-----------------------|-------------------------|----------------------|
| Frequency Range (MHz)                                                         | Field Strength (uV/m) | Field Strength (dBuV/m) | Measure Distance (m) |
| 0.009~0.490                                                                   | 2400/F(kHz)           | 48.5 - 13.8             | 300                  |
| 0.490~1.705                                                                   | 24000/F(kHz)          | 33.8 - 23               | 30                   |
| 1.705~30.0                                                                    | 30                    | 29                      | 30                   |
| 30~88                                                                         | 100                   | 40                      | 3                    |
| 88~216                                                                        | 150                   | 43.5                    | 3                    |
| 216~960                                                                       | 200                   | 46                      | 3                    |
| Above 960                                                                     | 500                   | 54                      | 3                    |

- Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).
- Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two or more distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). The test report shall specify the extrapolation method used to determine compliance of the EUT.
- Note 3: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m.

| Un-restricted band emissions above 1GHz Limit |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operating Band                                | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 5.15 - 5.25 GHz                               | e.i.r.p. -27 dBm [68.2 dBuV/m@3m]                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 5.25 - 5.35 GHz                               | e.i.r.p. -27 dBm [68.2 dBuV/m@3m]                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 5.47 - 5.725 GHz                              | e.i.r.p. -27 dBm [68.2 dBuV/m@3m]                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 5.725 - 5.85 GHz                              | 5.650-5700 GHz: e.i.r.p. -27 ~ 10 dBm [68.2 ~ 105.2 dBuV/m@3m]<br>5.700-5720 GHz: e.i.r.p. 10 ~ 15.6 dBm [105.2 ~ 110.8 dBuV/m@3m]<br>5.720-5725 GHz: e.i.r.p. 15.6 ~ 27 dBm [110.8 ~ 122.2 dBuV/m@3m]<br>5.850-5.855 GHz: e.i.r.p. 27 ~ 15.6 dBm [122.2 ~ 110.8 dBuV/m@3m]<br>5.855-5.875 GHz: e.i.r.p. 15.6 ~ 10 dBm [110.8 ~ 105.2 dBuV/m@3m]<br>5.875-5.925 GHz: e.i.r.p. 10 ~ -27 dBm [105.2 ~ 68.2dBuV/m@3m]<br>Other un-restricted band: e.i.r.p. -27 dBm [68.2 dBuV/m@3m] |

- Note 1: Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

### 3.5.2 Measuring Instruments

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

### 3.5.3 Test Procedures

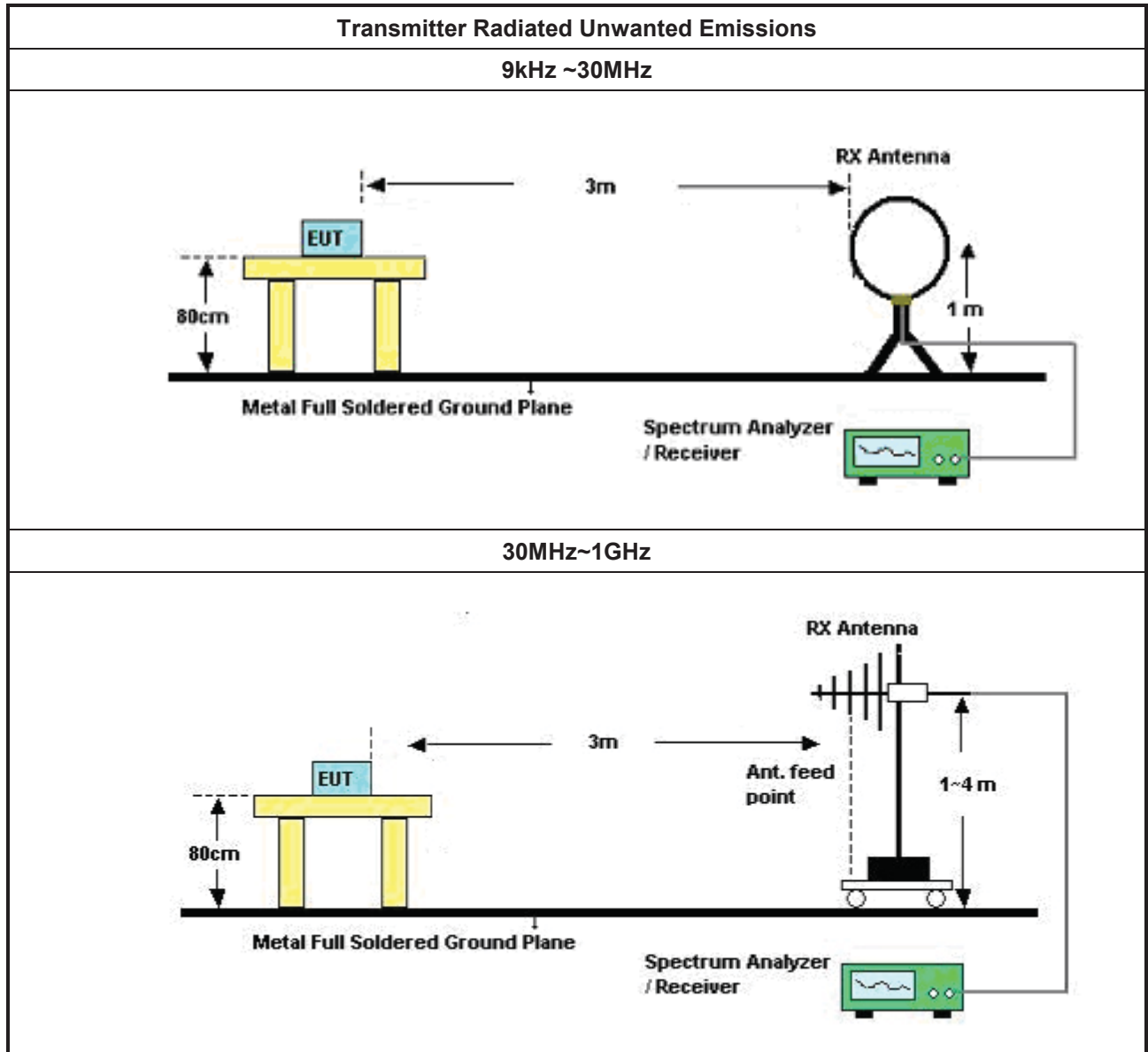
| Test Method                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).</li> </ul> |                                                                                                                                                                                                                                                       |
| <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>For the transmitter unwanted emissions shall be measured using following options below:</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <ul style="list-style-type: none"> <li>Refer as KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.</li> </ul>                                                                                                                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <ul style="list-style-type: none"> <li>Refer as KDB 789033, clause G)1) for unwanted emissions into restricted bands.</li> </ul>                                                                                                                      |
| <input checked="" type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Refer as KDB 789033, G)6) Method VB (ANSI C63.10, clause 4.1.4.2.3), Reduced VBW.                                                                                                                                                                     |
| <input checked="" type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Refer as KDB 789033, clause G)5) (ANSI C63.10, clause 4.1.4.2.2), measurement procedure peak limit.                                                                                                                                                   |
| <ul style="list-style-type: none"> <li>For radiated measurement.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <ul style="list-style-type: none"> <li>Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.</li> </ul>                                                                                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <ul style="list-style-type: none"> <li>Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.</li> </ul>                                                                                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <ul style="list-style-type: none"> <li>Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.</li> </ul>                                                                                                                                 |
| <ul style="list-style-type: none"> <li>The any unwanted emissions level shall not exceed the fundamental emission level.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                       |
| <ul style="list-style-type: none"> <li>All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.</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.<br/>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>                                                                  |

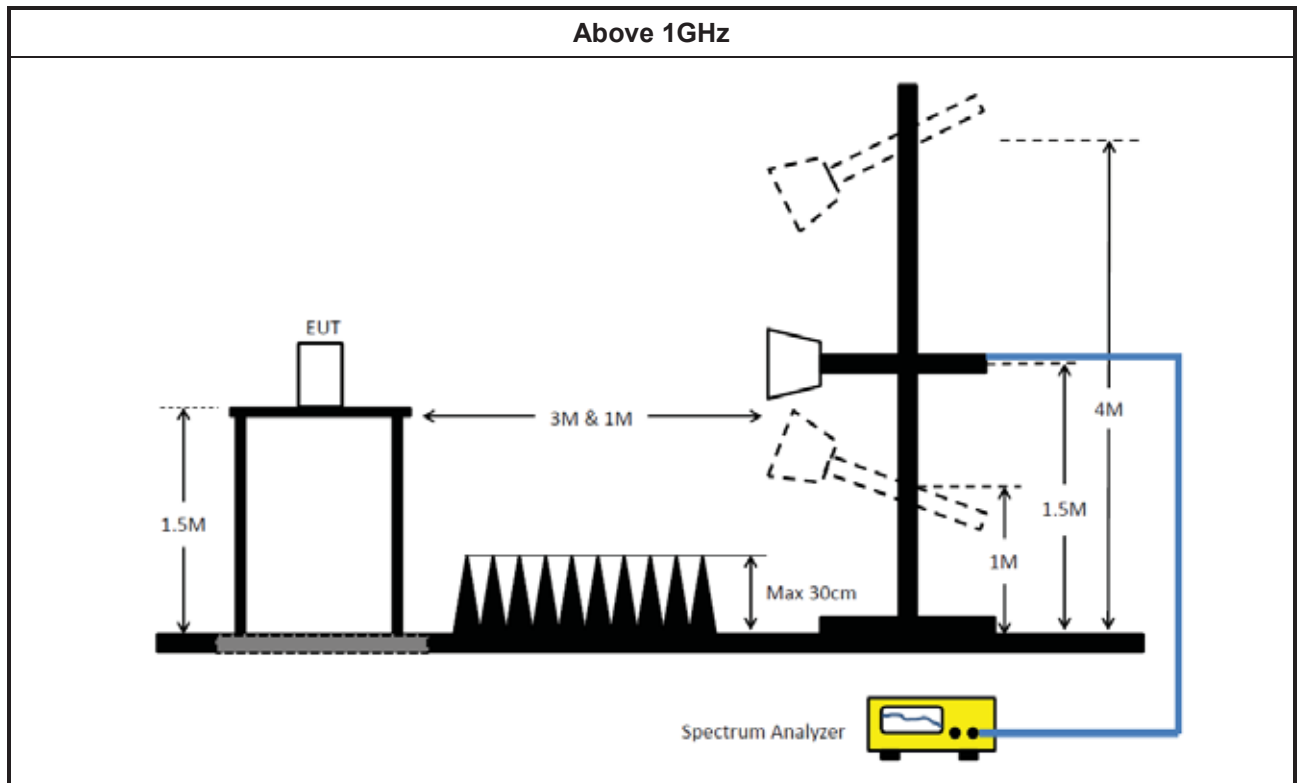
### 3.5.4 Measurement Results Calculation

The measured Level is calculated using:

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

### 3.5.5 Test Setup





### 3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

### 3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E



## 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                 | ESR         | 102051        | 9kHz ~ 3.6GHz | 13/May/2022      | 12/May/2023          |
| Two-Line V-Network                | R&S                 | ENV 216     | 100003        | 9kHz ~ 30MHz  | 18/Feb/2022      | 17/Feb/2023          |
| RF Cable 5m                       | TITAN               | TITAN       | CO04-cable-01 | 9kHz ~ 200MHz | 01/Mar/2022      | 28/Feb/2023          |
| Impuls Begrenzer<br>Pulse Limiter | SCHWARZBECK         | VTSD 9561-F | 9561-F041     | 9kHz ~ 30MHz  | 25/Oct/2022      | 24/Oct/2023          |
| Software                          | Sporton             | SENSE-EMI   | V5.10.8.7     | -             | NCR              | NCR                  |

NCR: No Calibration Required

### 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   | 14/Feb/2022      | 13/Feb/2023          |
| Signal Analyzer             | R&S                 | FSV 40    | 101029     | 10Hz~40GHz   | 10/Nov/2022      | 09/Nov/2023          |
| SMB100A Signal<br>Generator | R&S                 | SMB100A   | 181147     | 100kHz~40GHz | 21/Oct/2022      | 20/Oct/2023          |
| Pulse Sensor                | Anritsu             | MA2411B   | 1339407    | 300MHz~40GHz | 14/Dec/2022      | 13/Dec/2023          |
| Power Meter                 | Anritsu             | ML2495A   | 1517010    | 300MHz~40GHz | 14/Dec/2022      | 13/Dec/2023          |
| SENSE-15407_NII             | Sporton             | V5.11.2   | N/A        | N/A          | N/A              | N/A                  |

### Instrument for Radiated Test (03CH09-HY)

| Instrument                          | Manufacturer /Brand | Model No.               | Serial No.          | Spec.            | Calibration Date | Calibration Due Date |
|-------------------------------------|---------------------|-------------------------|---------------------|------------------|------------------|----------------------|
| 3m Semi Anechoic<br>Chamber         | TDK                 | SAC-3M                  | 03CH09-HY           | 30MHz~1GHz<br>3m | 25/Mar/2022      | 24/Mar/2023          |
| 3m Semi Anechoic<br>Chamber         | TDK                 | SAC-3M                  | 03CH09-HY           | 1GHz~18GHz<br>3m | 17/Mar/2022      | 16/Mar/2023          |
| EXA Signal Analyzer                 | KEYSIGHT            | N9010A                  | MY54200885          | 10Hz~44GHz       | 11/Aug/2022      | 10/Aug/2023          |
| Amplifier                           | EMC                 | EMC9135                 | 980232              | 9kHz~1GHz        | 08/Apr/2022      | 07/Apr/2023          |
| Microwave<br>Preamplifier           | Agilent             | 8449B                   | 3008A02096          | 1GHz~26.5GHz     | 22/Jul/2022      | 21/Jul/2023          |
| Bilog Antenna & 5dB<br>Attenuator   | TESEQ & MTJ         | CBL6111D&MT<br>J6102-05 | 35418 & 3           | 30MHz~1GHz       | 28/Aug/2022      | 27/Aug/2023          |
| Double Ridged<br>Guide Horn Antenna | SCHWARZBECK         | BBHA 9120 D             | BBHA 9120 D<br>1531 | 1GHz~18GHz       | 27/Dec/2021      | 26/Dec/2022          |
| Double Ridged<br>Guide Horn Antenna | SCHWARZBECK         | BBHA 9120 D             | BBHA 9120 D<br>1534 | 1GHz~18GHz       | 10/Mar/2022      | 09/Mar/2023          |
| RF Cable-low                        | Jye Bao             | RG142                   | 03CH09-cable-01     | 9kHz~1GHz        | 09/Dec/2022      | 08/Dec/2023          |
| RF CABLE<br>5m+3m+1m                | HUBER+SUHNE<br>R    | SUCOFLEX104             | 03CH09-cable-02     | 1GHz~40GHz       | 17/Aug/2022      | 16/Aug/2023          |
| Broadband Horn<br>Antenna           | SCHWARZBECK         | BBHA 9170               | BBHA 9170221        | 18GHz~40GHz      | 18/Mar/2022      | 17/Mar/2023          |
| Microwave<br>Premplifier            | EMC<br>INSTRUMENTS  | EM18G40G                | 060604              | 18GHz ~ 40GHz    | 08/Mar/2022      | 07/Mar/2023          |
| Loop Antenna                        | TESEQ               | HLA 6120                | 31244               | 9kHz~30MHz       | 18/Mar/2022      | 17/Mar/2023          |
| EMI Test Receiver                   | R&S                 | ESR3                    | 102052              | 9kHz~3.6GHz      | 02/Nov/2022      | 01/Nov/2023          |
| SENSE-15407-NII                     | Sporton             | NA                      | 5.11                | NA               | NA               | NA                   |

**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 | 31/Jul/2022      | 30/Jul/2023          |
| 3m Semi Anechoic Chamber         | SIDT FRANKONIA      | SAC-3M                 | 03CH02-HY       | 1GHz~18GHz<br>3m | 30/Jul/2022      | 29/Jul/2023          |
| Signal Analyzer                  | R&S                 | FSP 40                 | 100305          | 9kHz~40GHz       | 21/Mar/2022      | 20/Mar/2023          |
| Amplifier                        | Agilent             | 8447D                  | 2944A11149      | 100kHz~1.3GHz    | 28/Jun/2022      | 27/Jun/2023          |
| Microwave Preamplifier           | Agilent             | 8449B                  | 3008A02373      | 1GHz~26.5GHz     | 02/Nov/2022      | 01/Nov/2023          |
| Double Ridged Guide Horn Antenna | SCHWARZBECK         | BBHA 9120 D            | 02268           | 1GHz ~18GHz      | 27/Sep/2022      | 26/Sep/2023          |
| Bilog Antenna & 5dB Attenuator   | SCHAFFNER / MTJ     | CBL 6112B / MTJ6102-05 | 2723 / 2        | 30MHz~1GHz       | 28/Aug/2022      | 27/Aug/2023          |
| RF Cable                         | MVE                 | 400LL                  | MVE-1-0802      | 9kHz~30MHz       | 04/May/2022      | 03/May/2023          |
| RF Cable                         | MVE                 | 400LL                  | MVE-1-0802      | 30MHz~1GHz       | 04/May/2022      | 03/May/2023          |
| RF Cable-R03m                    | HUBER+SUHNER        | SUCOFLEX104            | 03CH02-cable-01 | 1GHz~40GHz       | 20/Dec/2022      | 19/Dec/2023          |
| Broadband Horn Antenna           | SCHWARZBECK         | BBHA 9170              | BBHA 9170221    | 15GHz~40GHz      | 18/Mar/2022      | 17/Mar/2023          |
| Microwave Preamplifier           | EMC INSTRUMENTS     | EM18G40G               | 060604          | 18GHz~40GHz      | 08/Mar/2022      | 07/Mar/2023          |
| Loop Antenna                     | TESEQ               | HLA 6120               | 31244           | 9kHz~30MHz       | 18/Mar/2022      | 17/Mar/2023          |
| EMI Test Receiver                | R&S                 | ESR3                   | 102052          | 9kHz~3.6GHz      | 30/May/2022      | 29/May/2023          |
| SENSE-15407_NII                  | Sporton             | V5.11                  | N/A             | N/A              | N/A              | N/A                  |

**Instrument for Radiated Test (Co-location\_03CH09-HY)**

| Instrument                       | Manufacturer /Brand | Model No.   | Serial No.       | Spec.            | Calibration Date | Calibration Due Date |
|----------------------------------|---------------------|-------------|------------------|------------------|------------------|----------------------|
| 3m Semi Anechoic Chamber         | TDK                 | SAC-3M      | 03CH09-HY        | 1GHz~18GHz<br>3m | 17/Mar/2022      | 16/Mar/2023          |
| EXA Signal Analyzer              | KEYSIGHT            | N9010A      | MY54200885       | 10Hz~44GHz       | 11/Aug/2022      | 10/Aug/2023          |
| Microwave Preamplifier           | Agilent             | 8449B       | 3008A02096       | 1GHz~26.5GHz     | 22/Jul/2022      | 21/Jul/2023          |
| Double Ridged Guide Horn Antenna | SCHWARZBECK         | BBHA 9120 D | BBHA 9120 D 1534 | 1GHz~18GHz       | 10/Mar/2022      | 09/Mar/2023          |
| RF CABLE 5m+3m+1m                | HUBER+SUHNER        | SUCOFLEX104 | 03CH09-cable-02  | 1GHz~40GHz       | 17/Aug/2022      | 16/Aug/2023          |
| Broadband Horn Antenna           | SCHWARZBECK         | BBHA 9170   | BBHA 9170221     | 18GHz~40GHz      | 18/Mar/2022      | 17/Mar/2023          |
| Microwave Preamplifier           | EMC INSTRUMENTS     | EM18G40G    | 060604           | 18GHz ~ 40GHz    | 08/Mar/2022      | 07/Mar/2023          |
| SENSE-EMI                        | Sporton             | NA          | 5.10.7.15        | NA               | NA               | NA                   |

**Instrument for Radiated Test (Co-location\_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       | 1GHz~18GHz<br>3m | 30/Jul/2022      | 29/Jul/2023          |
| Signal Analyzer                  | R&S                 | FSP 40      | 100305          | 9kHz~40GHz       | 21/Mar/2022      | 20/Mar/2023          |
| Microwave Preamplifier           | Agilent             | 8449B       | 3008A02373      | 1GHz~26.5GHz     | 02/Nov/2022      | 01/Nov/2023          |
| Double Ridged Guide Horn Antenna | SCHWARZBECK         | BBHA 9120 D | 02268           | 1GHz ~18GHz      | 27/Sep/2022      | 26/Sep/2023          |
| RF Cable-R03m                    | HUBER+SUHNER        | SUCOFLEX104 | 03CH02-cable-01 | 1GHz~40GHz       | 10/Feb/2023      | 09/Feb/2024          |
| Broadband Horn Antenna           | SCHWARZBECK         | BBHA 9170   | BBHA 9170221    | 15GHz~40GHz      | 18/Mar/2022      | 17/Mar/2023          |
| Microwave Preamplifier           | EMC INSTRUMENTS     | EM18G40G    | 060604          | 18GHz~40GHz      | 08/Mar/2022      | 07/Mar/2023          |
| SENSE-EMI                        | Sporton             | NA          | 5.10.7.15       | NA               | NA               | NA                   |



**Summary**

| Mode   | Result | Type | Freq<br>(Hz) | Level<br>(dBuV) | Limit<br>(dBuV) | Margin<br>(dB) | Condition |
|--------|--------|------|--------------|-----------------|-----------------|----------------|-----------|
| Mode 1 | Pass   | AV   | 479.294k     | 33.56           | 46.34           | -12.78         | Line      |



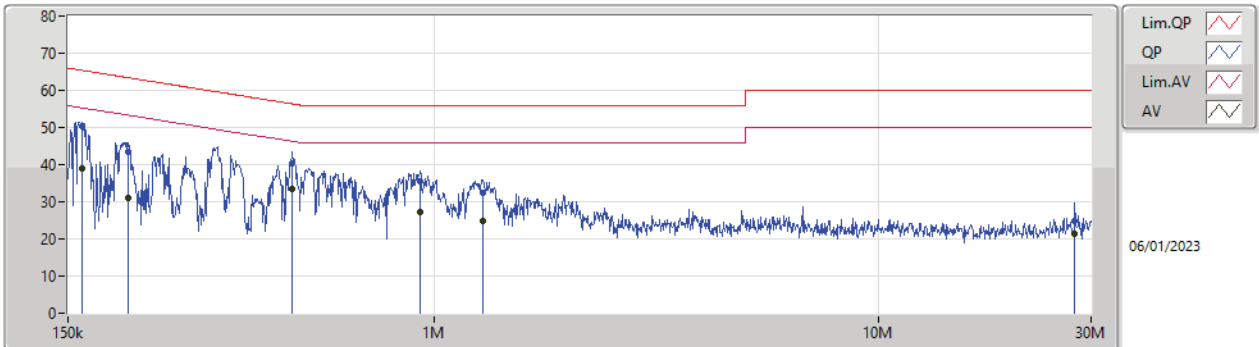
## Conducted Emissions at Powerline\_C-330\_Radio 0

## Appendix A.1

### Result

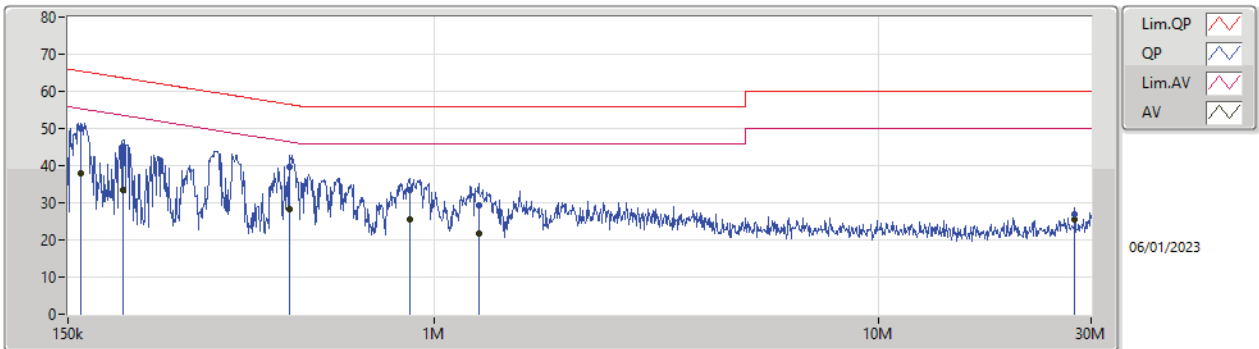
| Mode   | Result | Type | Freq (Hz) | Level (dBuV) | Limit (dBuV) | Margin (dB) | Condition | Comments |
|--------|--------|------|-----------|--------------|--------------|-------------|-----------|----------|
| Mode 1 | Pass   | QP   | 161.175k  | 50.29        | 65.41        | -15.12      | Line      | -        |
| Mode 1 | Pass   | AV   | 161.175k  | 38.96        | 55.41        | -16.45      | Line      | -        |
| Mode 1 | Pass   | QP   | 204.796k  | 43.42        | 63.42        | -20.00      | Line      | -        |
| Mode 1 | Pass   | AV   | 204.796k  | 31.10        | 53.42        | -22.32      | Line      | -        |
| Mode 1 | Pass   | QP   | 479.294k  | 40.27        | 56.34        | -16.07      | Line      | -        |
| Mode 1 | Pass   | AV   | 479.294k  | 33.56        | 46.34        | -12.78      | Line      | -        |
| Mode 1 | Pass   | QP   | 929.818k  | 35.48        | 56.00        | -20.52      | Line      | -        |
| Mode 1 | Pass   | AV   | 929.818k  | 27.23        | 46.00        | -18.77      | Line      | -        |
| Mode 1 | Pass   | QP   | 1.29M     | 32.54        | 56.00        | -23.46      | Line      | -        |
| Mode 1 | Pass   | AV   | 1.29M     | 24.77        | 46.00        | -21.23      | Line      | -        |
| Mode 1 | Pass   | QP   | 27.563M   | 24.68        | 60.00        | -35.32      | Line      | -        |
| Mode 1 | Pass   | AV   | 27.563M   | 21.42        | 50.00        | -28.58      | Line      | -        |
| Mode 1 | Pass   | QP   | 159.893k  | 50.14        | 65.46        | -15.32      | Neutral   | -        |
| Mode 1 | Pass   | AV   | 159.893k  | 37.92        | 55.46        | -17.54      | Neutral   | -        |
| Mode 1 | Pass   | QP   | 199.949k  | 45.17        | 63.61        | -18.44      | Neutral   | -        |
| Mode 1 | Pass   | AV   | 199.949k  | 33.46        | 53.61        | -20.15      | Neutral   | -        |
| Mode 1 | Pass   | QP   | 473.588k  | 39.49        | 56.46        | -16.97      | Neutral   | -        |
| Mode 1 | Pass   | AV   | 473.588k  | 28.36        | 46.46        | -18.10      | Neutral   | -        |
| Mode 1 | Pass   | QP   | 879.278k  | 33.44        | 56.00        | -22.56      | Neutral   | -        |
| Mode 1 | Pass   | AV   | 879.278k  | 25.41        | 46.00        | -20.59      | Neutral   | -        |
| Mode 1 | Pass   | QP   | 1.259M    | 29.48        | 56.00        | -26.52      | Neutral   | -        |
| Mode 1 | Pass   | AV   | 1.259M    | 21.86        | 46.00        | -24.14      | Neutral   | -        |
| Mode 1 | Pass   | QP   | 27.563M   | 26.93        | 60.00        | -33.07      | Neutral   | -        |
| Mode 1 | Pass   | AV   | 27.563M   | 25.56        | 50.00        | -24.44      | 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   | 161.175k     | 50.29           | 65.41           | -15.12         | 19.65          | Line      | -       | 30.64         | 9.69         | 0.03       | 9.93       |  |  |  |
| AV   | 161.175k     | 38.96           | 55.41           | -16.45         | 19.65          | Line      | -       | 19.31         | 9.69         | 0.03       | 9.93       |  |  |  |
| QP   | 204.796k     | 43.42           | 63.42           | -20.00         | 19.65          | Line      | -       | 23.77         | 9.69         | 0.03       | 9.93       |  |  |  |
| AV   | 204.796k     | 31.10           | 53.42           | -22.32         | 19.65          | Line      | -       | 11.45         | 9.69         | 0.03       | 9.93       |  |  |  |
| QP   | 479.294k     | 40.27           | 56.34           | -16.07         | 19.68          | Line      | -       | 20.59         | 9.68         | 0.04       | 9.96       |  |  |  |
| AV   | 479.294k     | 33.56           | 46.34           | -12.78         | 19.68          | Line      | -       | 13.88         | 9.68         | 0.04       | 9.96       |  |  |  |
| QP   | 929.818k     | 35.48           | 56.00           | -20.52         | 19.67          | Line      | -       | 15.81         | 9.68         | 0.05       | 9.94       |  |  |  |
| AV   | 929.818k     | 27.23           | 46.00           | -18.77         | 19.67          | Line      | -       | 7.56          | 9.68         | 0.05       | 9.94       |  |  |  |
| QP   | 1.29M        | 32.54           | 56.00           | -23.46         | 19.69          | Line      | -       | 12.85         | 9.69         | 0.06       | 9.94       |  |  |  |
| AV   | 1.29M        | 24.77           | 46.00           | -21.23         | 19.69          | Line      | -       | 5.08          | 9.69         | 0.06       | 9.94       |  |  |  |
| QP   | 27.563M      | 24.68           | 60.00           | -35.32         | 20.12          | Line      | -       | 4.56          | 9.81         | 0.33       | 9.98       |  |  |  |
| AV   | 27.563M      | 21.42           | 50.00           | -28.58         | 20.12          | Line      | -       | 1.30          | 9.81         | 0.33       | 9.98       |  |  |  |

## 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   | 159.893k     | 50.14           | 65.46           | -15.32         | 19.69          | Neutral   | -       | 30.45         | 9.73         | 0.03       | 9.93       |  |  |  |
| AV   | 159.893k     | 37.92           | 55.46           | -17.54         | 19.69          | Neutral   | -       | 18.23         | 9.73         | 0.03       | 9.93       |  |  |  |
| QP   | 199.949k     | 45.17           | 63.61           | -18.44         | 19.68          | Neutral   | -       | 25.49         | 9.72         | 0.03       | 9.93       |  |  |  |
| AV   | 199.949k     | 33.46           | 53.61           | -20.15         | 19.68          | Neutral   | -       | 13.78         | 9.72         | 0.03       | 9.93       |  |  |  |
| QP   | 473.588k     | 39.49           | 56.46           | -16.97         | 19.72          | Neutral   | -       | 19.77         | 9.72         | 0.04       | 9.96       |  |  |  |
| AV   | 473.588k     | 28.36           | 46.46           | -18.10         | 19.72          | Neutral   | -       | 8.64          | 9.72         | 0.04       | 9.96       |  |  |  |
| QP   | 879.278k     | 33.44           | 56.00           | -22.56         | 19.72          | Neutral   | -       | 13.72         | 9.73         | 0.05       | 9.94       |  |  |  |
| AV   | 879.278k     | 25.41           | 46.00           | -20.59         | 19.72          | Neutral   | -       | 5.69          | 9.73         | 0.05       | 9.94       |  |  |  |
| QP   | 1.259M       | 29.48           | 56.00           | -26.52         | 19.73          | Neutral   | -       | 9.75          | 9.73         | 0.06       | 9.94       |  |  |  |
| AV   | 1.259M       | 21.86           | 46.00           | -24.14         | 19.73          | Neutral   | -       | 2.13          | 9.73         | 0.06       | 9.94       |  |  |  |
| QP   | 27.563M      | 26.93           | 60.00           | -33.07         | 20.42          | Neutral   | -       | 6.51          | 10.11        | 0.33       | 9.98       |  |  |  |
| AV   | 27.563M      | 25.56           | 50.00           | -24.44         | 20.42          | Neutral   | -       | 5.14          | 10.11        | 0.33       | 9.98       |  |  |  |



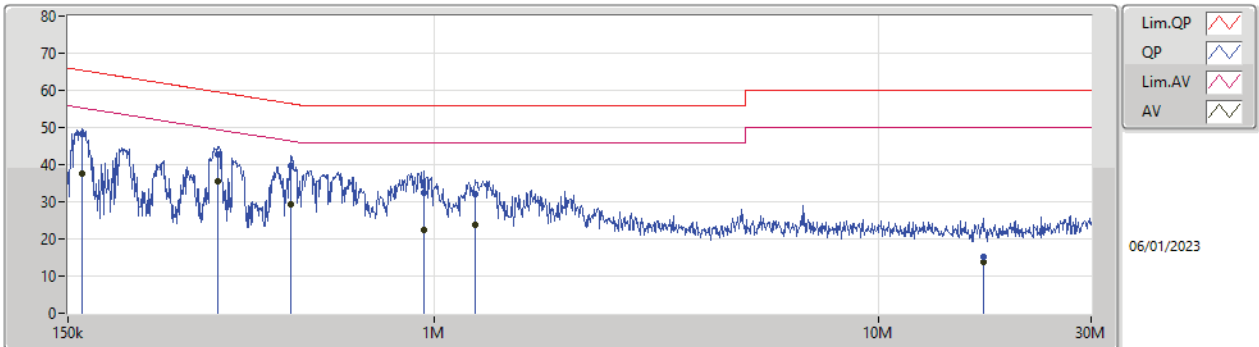
**Summary**

| Mode   | Result | Type | Freq<br>(Hz) | Level<br>(dBuV) | Limit<br>(dBuV) | Margin<br>(dB) | Condition |
|--------|--------|------|--------------|-----------------|-----------------|----------------|-----------|
| Mode 1 | Pass   | AV   | 325.41k      | 35.52           | 49.58           | -14.06         | Line      |

**Result**

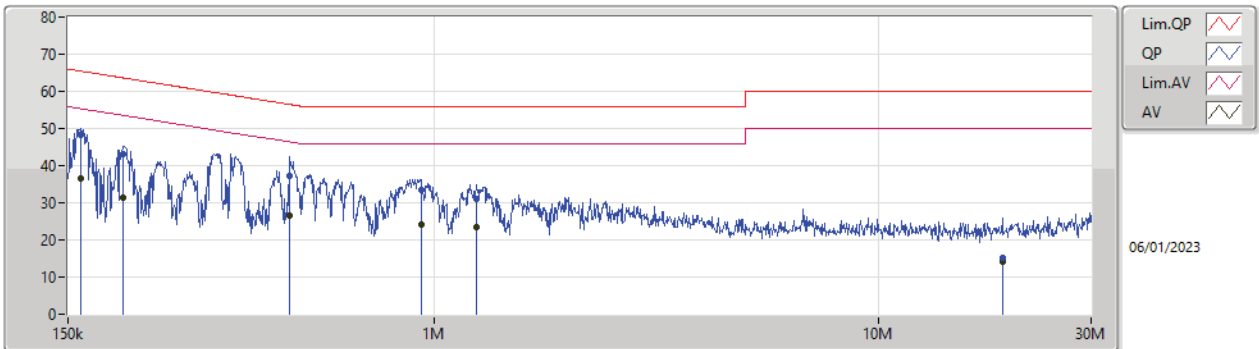
| Mode   | Result | Type | Freq<br>(Hz) | Level<br>(dBuV) | Limit<br>(dBuV) | Margin<br>(dB) | Condition | Comments |
|--------|--------|------|--------------|-----------------|-----------------|----------------|-----------|----------|
| Mode 1 | Pass   | QP   | 161.82k      | 48.34           | 65.37           | -17.03         | Line      | -        |
| Mode 1 | Pass   | AV   | 161.82k      | 37.58           | 55.37           | -17.79         | Line      | -        |
| Mode 1 | Pass   | QP   | 325.41k      | 42.71           | 59.58           | -16.87         | Line      | -        |
| Mode 1 | Pass   | AV   | 325.41k      | 35.52           | 49.58           | -14.06         | Line      | -        |
| Mode 1 | Pass   | QP   | 475.482k     | 39.50           | 56.42           | -16.92         | Line      | -        |
| Mode 1 | Pass   | AV   | 475.482k     | 29.47           | 46.42           | -16.95         | Line      | -        |
| Mode 1 | Pass   | QP   | 944.785k     | 32.38           | 56.00           | -23.62         | Line      | -        |
| Mode 1 | Pass   | AV   | 944.785k     | 22.49           | 46.00           | -23.51         | Line      | -        |
| Mode 1 | Pass   | QP   | 1.239M       | 32.16           | 56.00           | -23.84         | Line      | -        |
| Mode 1 | Pass   | AV   | 1.239M       | 23.82           | 46.00           | -22.18         | Line      | -        |
| Mode 1 | Pass   | QP   | 17.14M       | 15.09           | 60.00           | -44.91         | Line      | -        |
| Mode 1 | Pass   | AV   | 17.14M       | 13.81           | 50.00           | -36.19         | Line      | -        |
| Mode 1 | Pass   | QP   | 159.893k     | 48.38           | 65.46           | -17.08         | Neutral   | -        |
| Mode 1 | Pass   | AV   | 159.893k     | 36.44           | 55.46           | -19.02         | Neutral   | -        |
| Mode 1 | Pass   | QP   | 199.152k     | 43.16           | 63.65           | -20.49         | Neutral   | -        |
| Mode 1 | Pass   | AV   | 199.152k     | 31.47           | 53.65           | -22.18         | Neutral   | -        |
| Mode 1 | Pass   | QP   | 473.588k     | 37.29           | 56.46           | -19.17         | Neutral   | -        |
| Mode 1 | Pass   | AV   | 473.588k     | 26.39           | 46.46           | -20.07         | Neutral   | -        |
| Mode 1 | Pass   | QP   | 933.537k     | 33.36           | 56.00           | -22.64         | Neutral   | -        |
| Mode 1 | Pass   | AV   | 933.537k     | 24.06           | 46.00           | -21.94         | Neutral   | -        |
| Mode 1 | Pass   | QP   | 1.244M       | 31.04           | 56.00           | -24.96         | Neutral   | -        |
| Mode 1 | Pass   | AV   | 1.244M       | 23.44           | 46.00           | -22.56         | Neutral   | -        |
| Mode 1 | Pass   | QP   | 18.939M      | 15.16           | 60.00           | -44.84         | Neutral   | -        |
| Mode 1 | Pass   | AV   | 18.939M      | 14.08           | 50.00           | -35.92         | 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   | 161.82k      | 48.34           | 65.37           | -17.03         | 19.65          | Line      | -       | 28.69         | 9.69         | 0.03       | 9.93       |  |  |  |
| AV   | 161.82k      | 37.58           | 55.37           | -17.79         | 19.65          | Line      | -       | 17.93         | 9.69         | 0.03       | 9.93       |  |  |  |
| QP   | 325.41k      | 42.71           | 59.58           | -16.87         | 19.67          | Line      | -       | 23.04         | 9.68         | 0.04       | 9.95       |  |  |  |
| AV   | 325.41k      | 35.52           | 49.58           | -14.06         | 19.67          | Line      | -       | 15.85         | 9.68         | 0.04       | 9.95       |  |  |  |
| QP   | 475.482k     | 39.50           | 56.42           | -16.92         | 19.68          | Line      | -       | 19.82         | 9.68         | 0.04       | 9.96       |  |  |  |
| AV   | 475.482k     | 29.47           | 46.42           | -16.95         | 19.68          | Line      | -       | 9.79          | 9.68         | 0.04       | 9.96       |  |  |  |
| QP   | 944.785k     | 32.38           | 56.00           | -23.62         | 19.67          | Line      | -       | 12.71         | 9.68         | 0.05       | 9.94       |  |  |  |
| AV   | 944.785k     | 22.49           | 46.00           | -23.51         | 19.67          | Line      | -       | 2.82          | 9.68         | 0.05       | 9.94       |  |  |  |
| QP   | 1.239M       | 32.16           | 56.00           | -23.84         | 19.69          | Line      | -       | 12.47         | 9.69         | 0.06       | 9.94       |  |  |  |
| AV   | 1.239M       | 23.82           | 46.00           | -22.18         | 19.69          | Line      | -       | 4.13          | 9.69         | 0.06       | 9.94       |  |  |  |
| QP   | 17.14M       | 15.09           | 60.00           | -44.91         | 20.01          | Line      | -       | -4.92         | 9.79         | 0.25       | 9.97       |  |  |  |
| AV   | 17.14M       | 13.81           | 50.00           | -36.19         | 20.01          | Line      | -       | -6.20         | 9.79         | 0.25       | 9.97       |  |  |  |

## 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   | 159.893k     | 48.38           | 65.46           | -17.08         | 19.69          | Neutral   | -       | 28.69         | 9.73         | 0.03       | 9.93       |  |  |  |
| AV   | 159.893k     | 36.44           | 55.46           | -19.02         | 19.69          | Neutral   | -       | 16.75         | 9.73         | 0.03       | 9.93       |  |  |  |
| QP   | 199.152k     | 43.16           | 63.65           | -20.49         | 19.68          | Neutral   | -       | 23.48         | 9.72         | 0.03       | 9.93       |  |  |  |
| AV   | 199.152k     | 31.47           | 53.65           | -22.18         | 19.68          | Neutral   | -       | 11.79         | 9.72         | 0.03       | 9.93       |  |  |  |
| QP   | 473.588k     | 37.29           | 56.46           | -19.17         | 19.72          | Neutral   | -       | 17.57         | 9.72         | 0.04       | 9.96       |  |  |  |
| AV   | 473.588k     | 26.39           | 46.46           | -20.07         | 19.72          | Neutral   | -       | 6.67          | 9.72         | 0.04       | 9.96       |  |  |  |
| QP   | 933.537k     | 33.36           | 56.00           | -22.64         | 19.72          | Neutral   | -       | 13.64         | 9.73         | 0.05       | 9.94       |  |  |  |
| AV   | 933.537k     | 24.06           | 46.00           | -21.94         | 19.72          | Neutral   | -       | 4.34          | 9.73         | 0.05       | 9.94       |  |  |  |
| QP   | 1.244M       | 31.04           | 56.00           | -24.96         | 19.73          | Neutral   | -       | 11.31         | 9.73         | 0.06       | 9.94       |  |  |  |
| AV   | 1.244M       | 23.44           | 46.00           | -22.56         | 19.73          | Neutral   | -       | 3.71          | 9.73         | 0.06       | 9.94       |  |  |  |
| QP   | 18.939M      | 15.16           | 60.00           | -44.84         | 20.21          | Neutral   | -       | -5.05         | 9.98         | 0.26       | 9.97       |  |  |  |
| AV   | 18.939M      | 14.08           | 50.00           | -35.92         | 20.21          | Neutral   | -       | -6.13         | 9.98         | 0.26       | 9.97       |  |  |  |



**Summary**

| Mode   | Result | Type | Freq<br>(Hz) | Level<br>(dBuV) | Limit<br>(dBuV) | Margin<br>(dB) | Condition |
|--------|--------|------|--------------|-----------------|-----------------|----------------|-----------|
| Mode 1 | Pass   | AV   | 328.019k     | 37.25           | 49.50           | -12.25         | Line      |



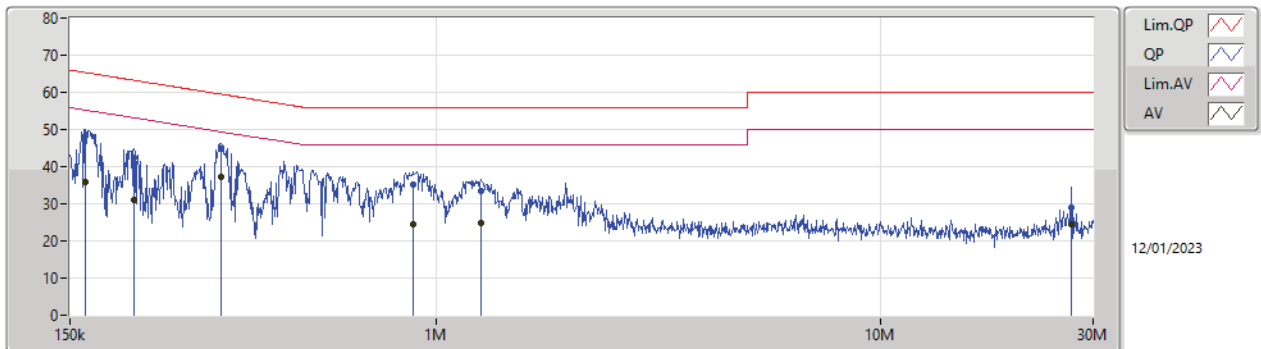
## Conducted Emissions at Powerline\_C-330E\_Radio 0

## Appendix A.3

### Result

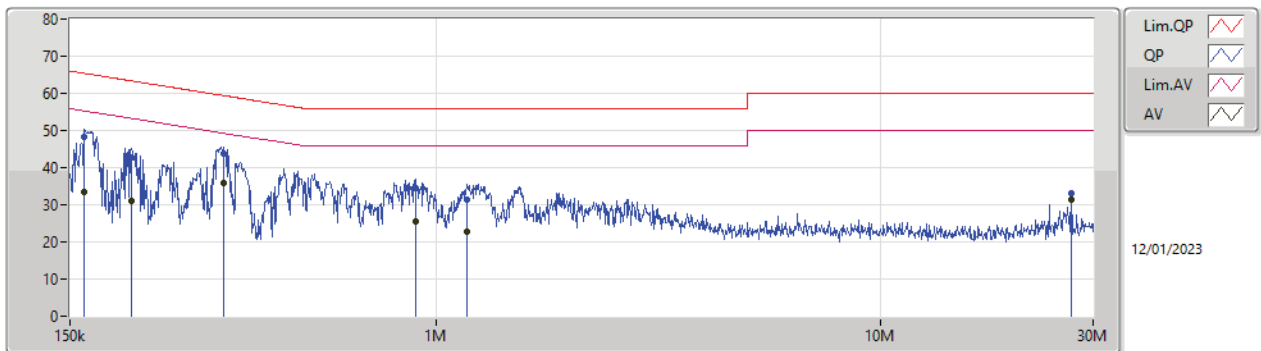
| Mode   | Result | Type | Freq (Hz) | Level (dBuV) | Limit (dBuV) | Margin (dB) | Condition | Comments |
|--------|--------|------|-----------|--------------|--------------|-------------|-----------|----------|
| Mode 1 | Pass   | QP   | 162.467k  | 48.29        | 65.33        | -17.04      | Line      | -        |
| Mode 1 | Pass   | AV   | 162.467k  | 35.93        | 55.33        | -19.40      | Line      | -        |
| Mode 1 | Pass   | QP   | 208.925k  | 42.28        | 63.25        | -20.97      | Line      | -        |
| Mode 1 | Pass   | AV   | 208.925k  | 31.15        | 53.25        | -22.10      | Line      | -        |
| Mode 1 | Pass   | QP   | 328.019k  | 44.74        | 59.50        | -14.76      | Line      | -        |
| Mode 1 | Pass   | AV   | 328.019k  | 37.25        | 49.50        | -12.25      | Line      | -        |
| Mode 1 | Pass   | QP   | 886.326k  | 35.18        | 56.00        | -20.82      | Line      | -        |
| Mode 1 | Pass   | AV   | 886.326k  | 24.51        | 46.00        | -21.49      | Line      | -        |
| Mode 1 | Pass   | QP   | 1.264M    | 33.37        | 56.00        | -22.63      | Line      | -        |
| Mode 1 | Pass   | AV   | 1.264M    | 24.97        | 46.00        | -21.03      | Line      | -        |
| Mode 1 | Pass   | QP   | 26.803M   | 29.07        | 60.00        | -30.93      | Line      | -        |
| Mode 1 | Pass   | AV   | 26.803M   | 24.40        | 50.00        | -25.60      | Line      | -        |
| Mode 1 | Pass   | QP   | 161.82k   | 48.16        | 65.37        | -17.21      | Neutral   | -        |
| Mode 1 | Pass   | AV   | 161.82k   | 33.39        | 55.37        | -21.98      | Neutral   | -        |
| Mode 1 | Pass   | QP   | 206.437k  | 42.88        | 63.34        | -20.46      | Neutral   | -        |
| Mode 1 | Pass   | AV   | 206.437k  | 31.05        | 53.34        | -22.29      | Neutral   | -        |
| Mode 1 | Pass   | QP   | 331.971k  | 43.88        | 59.40        | -15.52      | Neutral   | -        |
| Mode 1 | Pass   | AV   | 331.971k  | 35.98        | 49.40        | -13.42      | Neutral   | -        |
| Mode 1 | Pass   | QP   | 897.004k  | 34.36        | 56.00        | -21.64      | Neutral   | -        |
| Mode 1 | Pass   | AV   | 897.004k  | 25.50        | 46.00        | -20.50      | Neutral   | -        |
| Mode 1 | Pass   | QP   | 1.172M    | 31.33        | 56.00        | -24.67      | Neutral   | -        |
| Mode 1 | Pass   | AV   | 1.172M    | 22.64        | 46.00        | -23.36      | Neutral   | -        |
| Mode 1 | Pass   | QP   | 26.803M   | 33.11        | 60.00        | -26.89      | Neutral   | -        |
| Mode 1 | Pass   | AV   | 26.803M   | 31.50        | 50.00        | -18.50      | 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   | 162.467k     | 48.29           | 65.33           | -17.04         | 19.65          | Line      | -       | 28.64         | 9.69         | 0.03       | 9.93       |  |  |  |
| AV   | 162.467k     | 35.93           | 55.33           | -19.40         | 19.65          | Line      | -       | 16.28         | 9.69         | 0.03       | 9.93       |  |  |  |
| QP   | 208.925k     | 42.28           | 63.25           | -20.97         | 19.65          | Line      | -       | 22.63         | 9.69         | 0.03       | 9.93       |  |  |  |
| AV   | 208.925k     | 31.15           | 53.25           | -22.10         | 19.65          | Line      | -       | 11.50         | 9.69         | 0.03       | 9.93       |  |  |  |
| QP   | 328.019k     | 44.74           | 59.50           | -14.76         | 19.67          | Line      | -       | 25.07         | 9.68         | 0.04       | 9.95       |  |  |  |
| AV   | 328.019k     | 37.25           | 49.50           | -12.25         | 19.67          | Line      | -       | 17.58         | 9.68         | 0.04       | 9.95       |  |  |  |
| QP   | 886.326k     | 35.18           | 56.00           | -20.82         | 19.67          | Line      | -       | 15.51         | 9.68         | 0.05       | 9.94       |  |  |  |
| AV   | 886.326k     | 24.51           | 46.00           | -21.49         | 19.67          | Line      | -       | 4.84          | 9.68         | 0.05       | 9.94       |  |  |  |
| QP   | 1.264M       | 33.37           | 56.00           | -22.63         | 19.69          | Line      | -       | 13.68         | 9.69         | 0.06       | 9.94       |  |  |  |
| AV   | 1.264M       | 24.97           | 46.00           | -21.03         | 19.69          | Line      | -       | 5.28          | 9.69         | 0.06       | 9.94       |  |  |  |
| QP   | 26.803M      | 29.07           | 60.00           | -30.93         | 20.09          | Line      | -       | 8.98          | 9.80         | 0.32       | 9.97       |  |  |  |
| AV   | 26.803M      | 24.40           | 50.00           | -25.60         | 20.09          | Line      | -       | 4.31          | 9.80         | 0.32       | 9.97       |  |  |  |

## 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   | 161.82k      | 48.16           | 65.37           | -17.21         | 19.69          | Neutral   | -       | 28.47         | 9.73         | 0.03       | 9.93       |  |  |  |
| AV   | 161.82k      | 33.39           | 55.37           | -21.98         | 19.69          | Neutral   | -       | 13.70         | 9.73         | 0.03       | 9.93       |  |  |  |
| QP   | 206.437k     | 42.88           | 63.34           | -20.46         | 19.68          | Neutral   | -       | 23.20         | 9.72         | 0.03       | 9.93       |  |  |  |
| AV   | 206.437k     | 31.05           | 53.34           | -22.29         | 19.68          | Neutral   | -       | 11.37         | 9.72         | 0.03       | 9.93       |  |  |  |
| QP   | 331.971k     | 43.88           | 59.40           | -15.52         | 19.71          | Neutral   | -       | 24.17         | 9.72         | 0.04       | 9.95       |  |  |  |
| AV   | 331.971k     | 35.98           | 49.40           | -13.42         | 19.71          | Neutral   | -       | 16.27         | 9.72         | 0.04       | 9.95       |  |  |  |
| QP   | 897.004k     | 34.36           | 56.00           | -21.64         | 19.72          | Neutral   | -       | 14.64         | 9.73         | 0.05       | 9.94       |  |  |  |
| AV   | 897.004k     | 25.50           | 46.00           | -20.50         | 19.72          | Neutral   | -       | 5.78          | 9.73         | 0.05       | 9.94       |  |  |  |
| QP   | 1.172M       | 31.33           | 56.00           | -24.67         | 19.73          | Neutral   | -       | 11.60         | 9.73         | 0.06       | 9.94       |  |  |  |
| AV   | 1.172M       | 22.64           | 46.00           | -23.36         | 19.73          | Neutral   | -       | 2.91          | 9.73         | 0.06       | 9.94       |  |  |  |
| QP   | 26.803M      | 33.11           | 60.00           | -26.89         | 20.39          | Neutral   | -       | 12.72         | 10.10        | 0.32       | 9.97       |  |  |  |
| AV   | 26.803M      | 31.50           | 50.00           | -18.50         | 20.39          | Neutral   | -       | 11.11         | 10.10        | 0.32       | 9.97       |  |  |  |



**Summary**

| Mode   | Result | Type | Freq<br>(Hz) | Level<br>(dBuV) | Limit<br>(dBuV) | Margin<br>(dB) | Condition |
|--------|--------|------|--------------|-----------------|-----------------|----------------|-----------|
| Mode 1 | Pass   | AV   | 331.971k     | 36.02           | 49.40           | -13.38         | Neutral   |



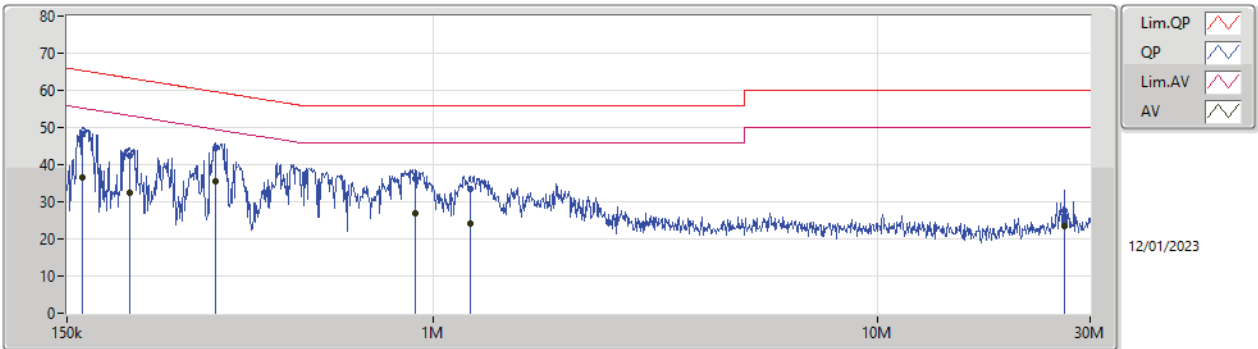
## Conducted Emissions at Powerline\_C-330E\_Radio 3

## Appendix A.4

### Result

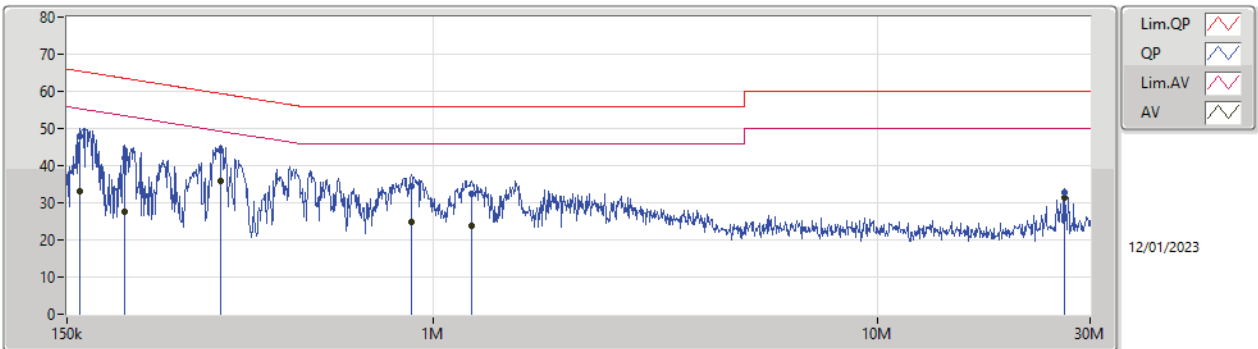
| Mode   | Result | Type | Freq (Hz) | Level (dBUV) | Limit (dBUV) | Margin (dB) | Condition | Comments |
|--------|--------|------|-----------|--------------|--------------|-------------|-----------|----------|
| Mode 1 | Pass   | QP   | 162.467k  | 48.41        | 65.33        | -16.92      | Line      | -        |
| Mode 1 | Pass   | AV   | 162.467k  | 36.51        | 55.33        | -18.82      | Line      | -        |
| Mode 1 | Pass   | QP   | 207.263k  | 42.55        | 63.30        | -20.75      | Line      | -        |
| Mode 1 | Pass   | AV   | 207.263k  | 32.26        | 53.30        | -21.04      | Line      | -        |
| Mode 1 | Pass   | QP   | 324.114k  | 44.32        | 59.59        | -15.27      | Line      | -        |
| Mode 1 | Pass   | AV   | 324.114k  | 35.65        | 49.59        | -13.94      | Line      | -        |
| Mode 1 | Pass   | QP   | 907.812k  | 36.15        | 56.00        | -19.85      | Line      | -        |
| Mode 1 | Pass   | AV   | 907.812k  | 26.80        | 46.00        | -19.20      | Line      | -        |
| Mode 1 | Pass   | QP   | 1.21M     | 33.53        | 56.00        | -22.47      | Line      | -        |
| Mode 1 | Pass   | AV   | 1.21M     | 24.12        | 46.00        | -21.88      | Line      | -        |
| Mode 1 | Pass   | QP   | 26.273M   | 27.73        | 60.00        | -32.27      | Line      | -        |
| Mode 1 | Pass   | AV   | 26.273M   | 23.46        | 50.00        | -26.54      | Line      | -        |
| Mode 1 | Pass   | QP   | 160.533k  | 47.79        | 65.43        | -17.64      | Neutral   | -        |
| Mode 1 | Pass   | AV   | 160.533k  | 32.95        | 55.43        | -22.48      | Neutral   | -        |
| Mode 1 | Pass   | QP   | 201.551k  | 42.24        | 63.55        | -21.31      | Neutral   | -        |
| Mode 1 | Pass   | AV   | 201.551k  | 27.57        | 53.55        | -25.98      | Neutral   | -        |
| Mode 1 | Pass   | QP   | 331.971k  | 44.08        | 59.40        | -15.32      | Neutral   | -        |
| Mode 1 | Pass   | AV   | 331.971k  | 36.02        | 49.40        | -13.38      | Neutral   | -        |
| Mode 1 | Pass   | QP   | 893.431k  | 34.58        | 56.00        | -21.42      | Neutral   | -        |
| Mode 1 | Pass   | AV   | 893.431k  | 24.86        | 46.00        | -21.14      | Neutral   | -        |
| Mode 1 | Pass   | QP   | 1.22M     | 32.31        | 56.00        | -23.69      | Neutral   | -        |
| Mode 1 | Pass   | AV   | 1.22M     | 23.88        | 46.00        | -22.12      | Neutral   | -        |
| Mode 1 | Pass   | QP   | 26.273M   | 32.61        | 60.00        | -27.39      | Neutral   | -        |
| Mode 1 | Pass   | AV   | 26.273M   | 31.34        | 50.00        | -18.66      | 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   | 162.467k     | 48.41           | 65.33           | -16.92         | 19.65          | Line      | -       | 28.76         | 9.69         | 0.03       | 9.93       |  |  |  |  |
| AV   | 162.467k     | 36.51           | 55.33           | -18.82         | 19.65          | Line      | -       | 16.86         | 9.69         | 0.03       | 9.93       |  |  |  |  |
| QP   | 207.263k     | 42.55           | 63.30           | -20.75         | 19.65          | Line      | -       | 22.90         | 9.69         | 0.03       | 9.93       |  |  |  |  |
| AV   | 207.263k     | 32.26           | 53.30           | -21.04         | 19.65          | Line      | -       | 12.61         | 9.69         | 0.03       | 9.93       |  |  |  |  |
| QP   | 324.114k     | 44.32           | 59.59           | -15.27         | 19.67          | Line      | -       | 24.65         | 9.68         | 0.04       | 9.95       |  |  |  |  |
| AV   | 324.114k     | 35.65           | 49.59           | -13.94         | 19.67          | Line      | -       | 15.98         | 9.68         | 0.04       | 9.95       |  |  |  |  |
| QP   | 907.812k     | 36.15           | 56.00           | -19.85         | 19.67          | Line      | -       | 16.48         | 9.68         | 0.05       | 9.94       |  |  |  |  |
| AV   | 907.812k     | 26.80           | 46.00           | -19.20         | 19.67          | Line      | -       | 7.13          | 9.68         | 0.05       | 9.94       |  |  |  |  |
| QP   | 1.21M        | 33.53           | 56.00           | -22.47         | 19.69          | Line      | -       | 13.84         | 9.69         | 0.06       | 9.94       |  |  |  |  |
| AV   | 1.21M        | 24.12           | 46.00           | -21.88         | 19.69          | Line      | -       | 4.43          | 9.69         | 0.06       | 9.94       |  |  |  |  |
| QP   | 26.273M      | 27.73           | 60.00           | -32.27         | 20.09          | Line      | -       | 7.64          | 9.80         | 0.32       | 9.97       |  |  |  |  |
| AV   | 26.273M      | 23.46           | 50.00           | -26.54         | 20.09          | Line      | -       | 3.37          | 9.80         | 0.32       | 9.97       |  |  |  |  |

## 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   | 160.533k     | 47.79           | 65.43           | -17.64         | 19.69          | Neutral   | -       | 28.10         | 9.73         | 0.03       | 9.93       |  |  |  |  |
| AV   | 160.533k     | 32.95           | 55.43           | -22.48         | 19.69          | Neutral   | -       | 13.26         | 9.73         | 0.03       | 9.93       |  |  |  |  |
| QP   | 201.551k     | 42.24           | 63.55           | -21.31         | 19.68          | Neutral   | -       | 22.56         | 9.72         | 0.03       | 9.93       |  |  |  |  |
| AV   | 201.551k     | 27.57           | 53.55           | -25.98         | 19.68          | Neutral   | -       | 7.89          | 9.72         | 0.03       | 9.93       |  |  |  |  |
| QP   | 331.971k     | 44.08           | 59.40           | -15.32         | 19.71          | Neutral   | -       | 24.37         | 9.72         | 0.04       | 9.95       |  |  |  |  |
| AV   | 331.971k     | 36.02           | 49.40           | -13.38         | 19.71          | Neutral   | -       | 16.31         | 9.72         | 0.04       | 9.95       |  |  |  |  |
| QP   | 893.431k     | 34.58           | 56.00           | -21.42         | 19.72          | Neutral   | -       | 14.86         | 9.73         | 0.05       | 9.94       |  |  |  |  |
| AV   | 893.431k     | 24.86           | 46.00           | -21.14         | 19.72          | Neutral   | -       | 5.14          | 9.73         | 0.05       | 9.94       |  |  |  |  |
| QP   | 1.22M        | 32.31           | 56.00           | -23.69         | 19.73          | Neutral   | -       | 12.58         | 9.73         | 0.06       | 9.94       |  |  |  |  |
| AV   | 1.22M        | 23.88           | 46.00           | -22.12         | 19.73          | Neutral   | -       | 4.15          | 9.73         | 0.06       | 9.94       |  |  |  |  |
| QP   | 26.273M      | 32.61           | 60.00           | -27.39         | 20.38          | Neutral   | -       | 12.23         | 10.09        | 0.32       | 9.97       |  |  |  |  |
| AV   | 26.273M      | 31.34           | 50.00           | -18.66         | 20.38          | Neutral   | -       | 10.96         | 10.09        | 0.32       | 9.97       |  |  |  |  |

**Summary**

| Mode                           | Max-N dB<br>(Hz) | Max-OBW<br>(Hz) | ITU-Code | Min-N dB<br>(Hz) | Min-OBW<br>(Hz) |
|--------------------------------|------------------|-----------------|----------|------------------|-----------------|
| 5.15-5.25GHz                   | -                | -               | -        | -                | -               |
| 802.11a_Nss1,(6Mbps)_2TX       | 20.625M          | 16.404M         | 16M4D1D  | 20.185M          | 16.382M         |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | 21.945M          | 18.941M         | 18M9D1D  | 20.9M            | 18.916M         |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | 41.36M           | 37.781M         | 37M8D1D  | 40.81M           | 37.731M         |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | 82.72M           | 77.061M         | 77M1D1D  | 82.06M           | 77.061M         |
| 5.725-5.85GHz                  | -                | -               | -        | -                | -               |
| 802.11a_Nss1,(6Mbps)_2TX       | 16.335M          | 16.514M         | 16M5D1D  | 15.62M           | 16.36M          |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | 18.755M          | 18.966M         | 19M0D1D  | 16.06M           | 18.891M         |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | 37.95M           | 37.781M         | 37M8D1D  | 37.51M           | 37.781M         |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | 78.1M            | 77.161M         | 77M2D1D  | 75.68M           | 77.161M         |

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

**Result**

| Mode                           | Result | Limit (Hz) | Port 1-N dB (Hz) | Port 1-OBW (Hz) | Port 2-N dB (Hz) | Port 2-OBW (Hz) |
|--------------------------------|--------|------------|------------------|-----------------|------------------|-----------------|
| 802.11a_Nss1,(6Mbps)_2TX       | -      | -          | -                | -               | -                | -               |
| 5180MHz                        | Pass   | Inf        | 20.57M           | 16.382M         | 20.625M          | 16.404M         |
| 5200MHz                        | Pass   | Inf        | 20.185M          | 16.382M         | 20.46M           | 16.382M         |
| 5240MHz                        | Pass   | Inf        | 20.295M          | 16.404M         | 20.57M           | 16.382M         |
| 5745MHz                        | Pass   | 500k       | 15.785M          | 16.382M         | 15.62M           | 16.36M          |
| 5785MHz                        | Pass   | 500k       | 15.62M           | 16.382M         | 16.335M          | 16.404M         |
| 5825MHz                        | Pass   | 500k       | 16.06M           | 16.404M         | 16.06M           | 16.514M         |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | -      | -          | -                | -               | -                | -               |
| 5180MHz                        | Pass   | Inf        | 20.9M            | 18.916M         | 21.45M           | 18.941M         |
| 5200MHz                        | Pass   | Inf        | 21.23M           | 18.916M         | 21.56M           | 18.916M         |
| 5240MHz                        | Pass   | Inf        | 21.945M          | 18.941M         | 21.065M          | 18.916M         |
| 5745MHz                        | Pass   | 500k       | 18.7M            | 18.941M         | 18.15M           | 18.891M         |
| 5785MHz                        | Pass   | 500k       | 18.59M           | 18.941M         | 18.755M          | 18.891M         |
| 5825MHz                        | Pass   | 500k       | 17.82M           | 18.941M         | 16.06M           | 18.966M         |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | -      | -          | -                | -               | -                | -               |
| 5190MHz                        | Pass   | Inf        | 40.92M           | 37.731M         | 41.36M           | 37.731M         |
| 5230MHz                        | Pass   | Inf        | 40.92M           | 37.731M         | 40.81M           | 37.781M         |
| 5755MHz                        | Pass   | 500k       | 37.73M           | 37.781M         | 37.95M           | 37.781M         |
| 5795MHz                        | Pass   | 500k       | 37.73M           | 37.781M         | 37.51M           | 37.781M         |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | -      | -          | -                | -               | -                | -               |
| 5210MHz                        | Pass   | Inf        | 82.72M           | 77.061M         | 82.06M           | 77.061M         |
| 5775MHz                        | Pass   | 500k       | 75.68M           | 77.161M         | 78.1M            | 77.161M         |

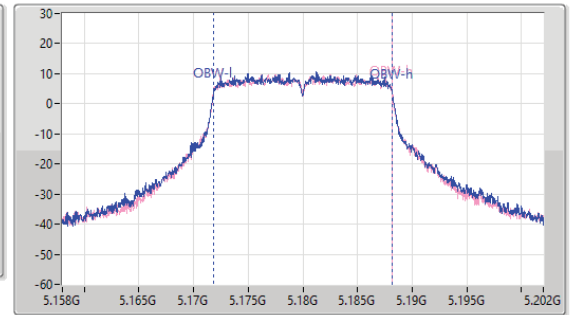
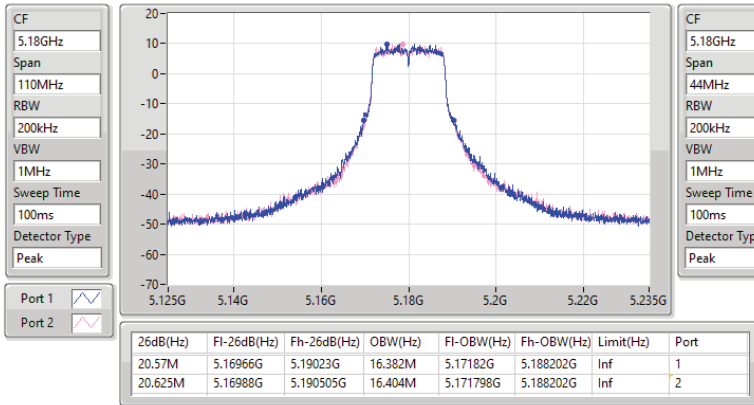
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band  
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

EBW

5180MHz

05/01/2023

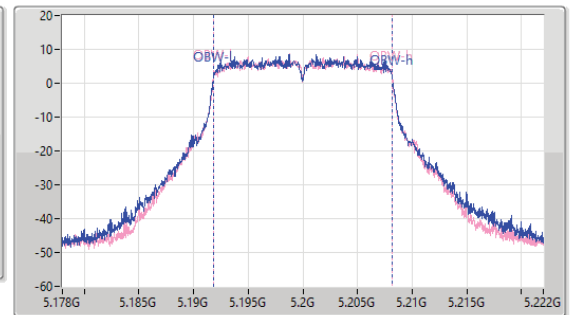
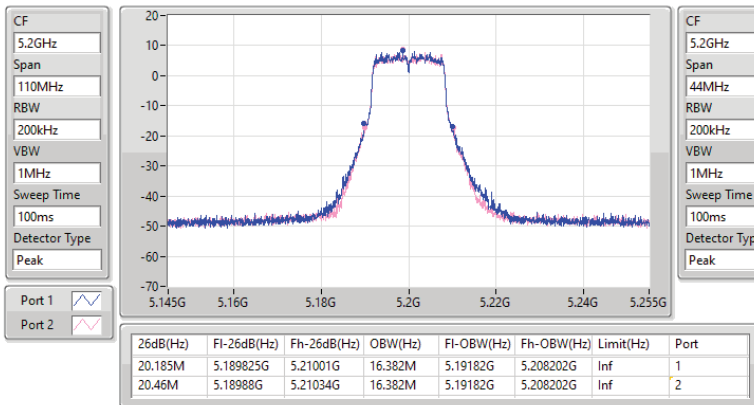


5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

EBW

5200MHz

05/01/2023

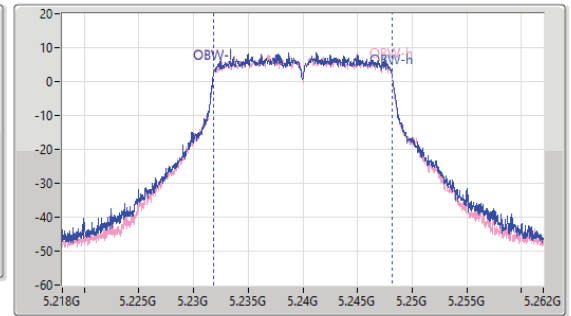
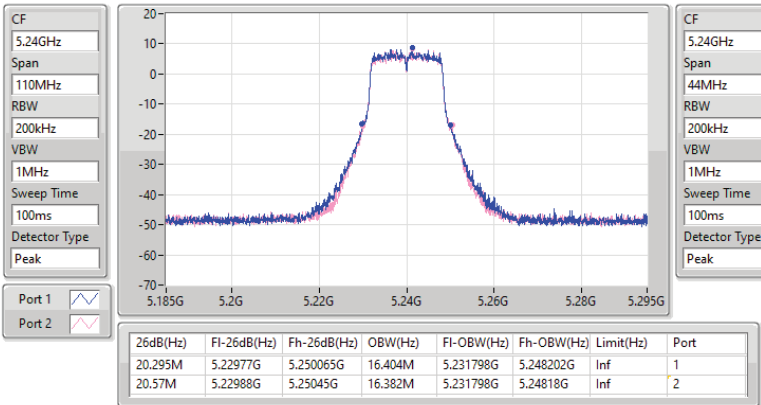


5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

EBW

5240MHz

05/01/2023

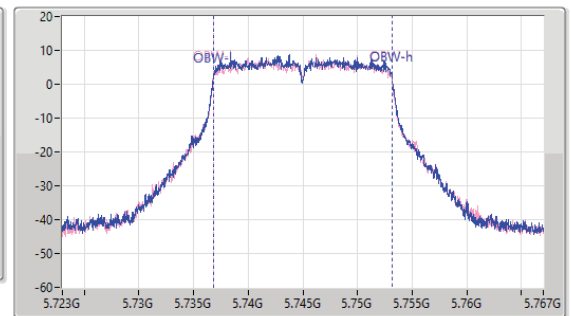
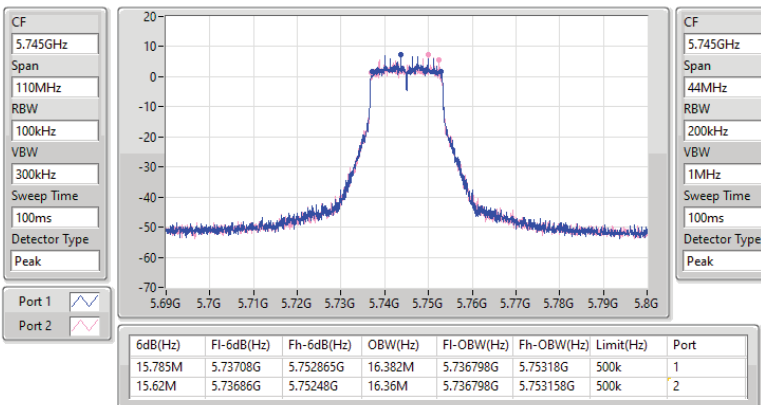


5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

EBW

5745MHz

05/01/2023

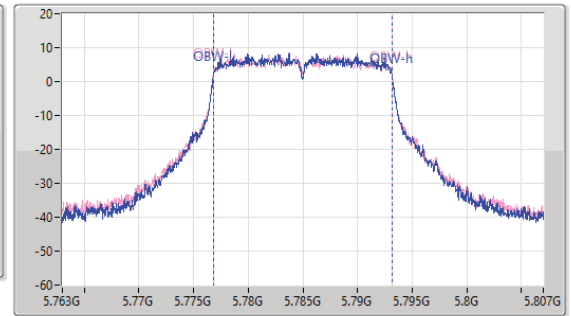
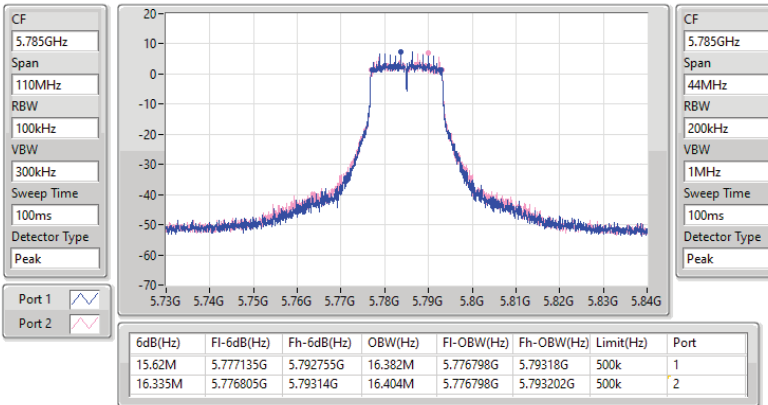


5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

EBW

5785MHz

05/01/2023

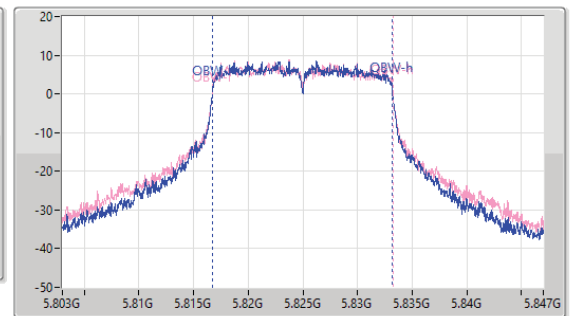
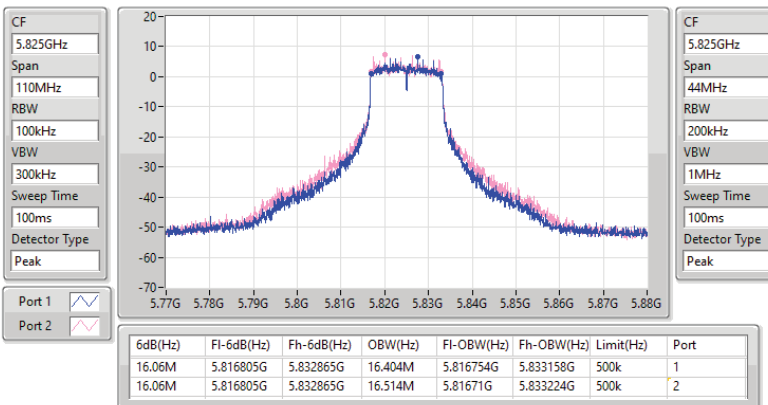


5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

EBW

5825MHz

05/01/2023

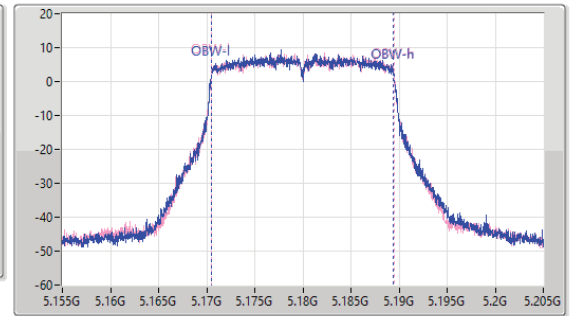
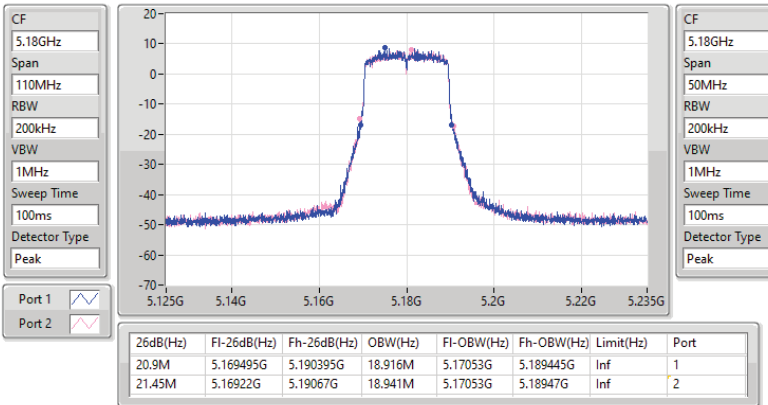


5.15-5.25GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

EBW

5180MHz

05/01/2023

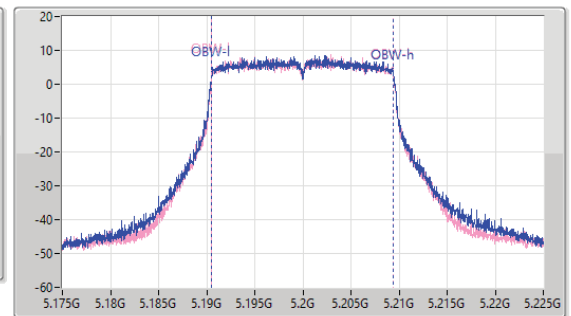
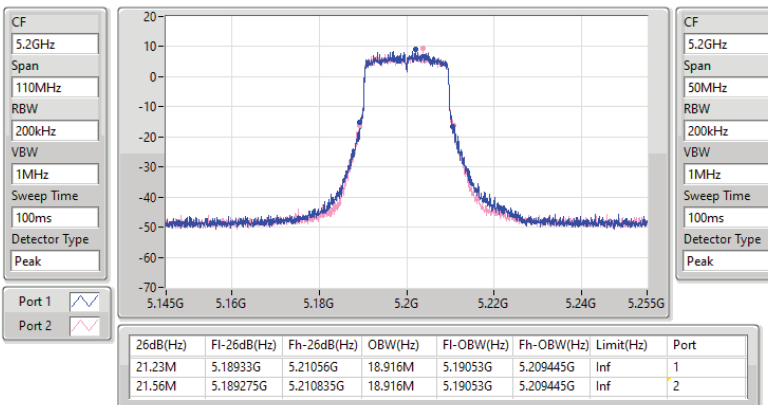


5.15-5.25GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

EBW

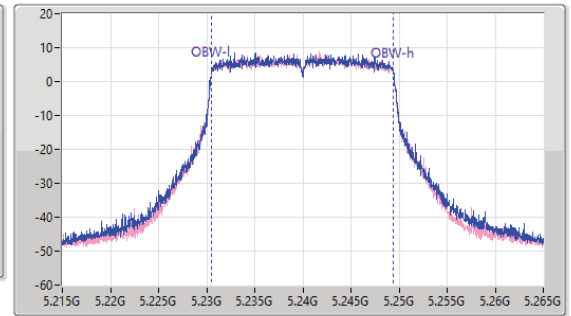
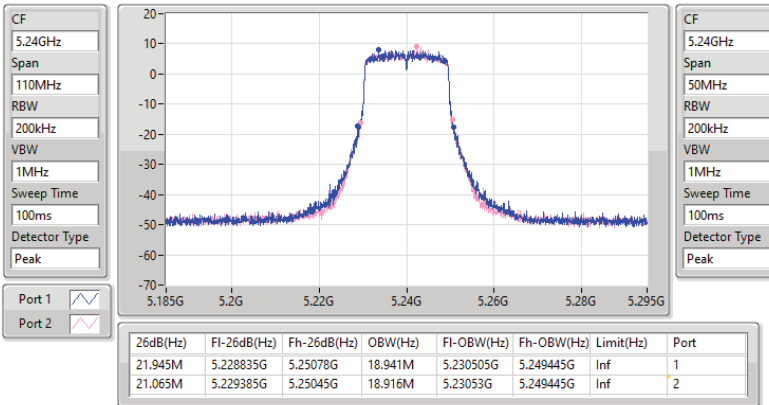
5200MHz

05/01/2023

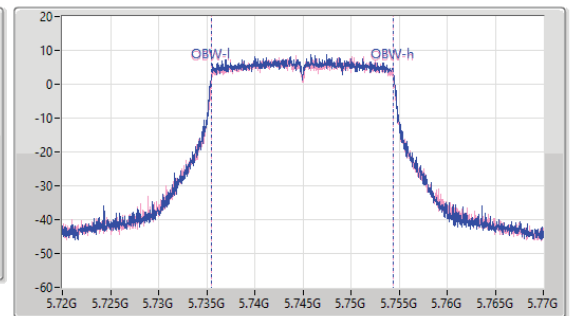
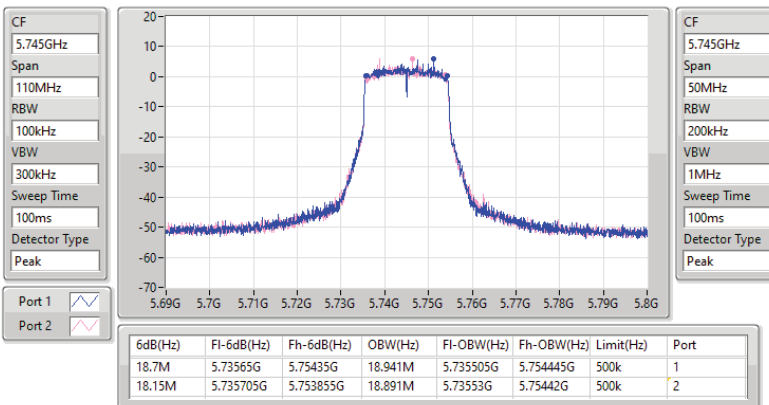


**5.15-5.25GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX**
**EBW**
**5240MHz**

05/01/2023


**5.725-5.85GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX**
**EBW**
**5745MHz**

05/01/2023

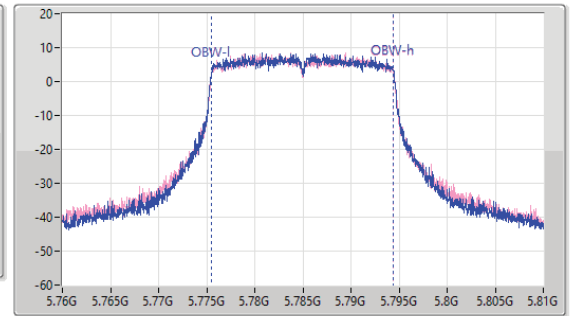
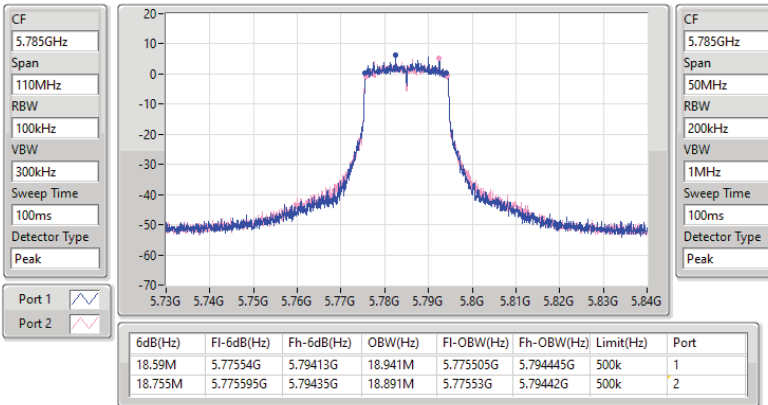


5.725-5.85GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

EBW

5785MHz

05/01/2023

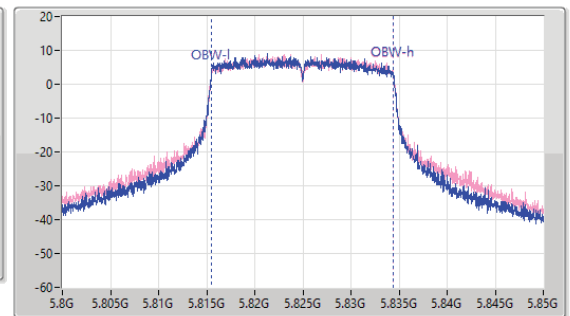
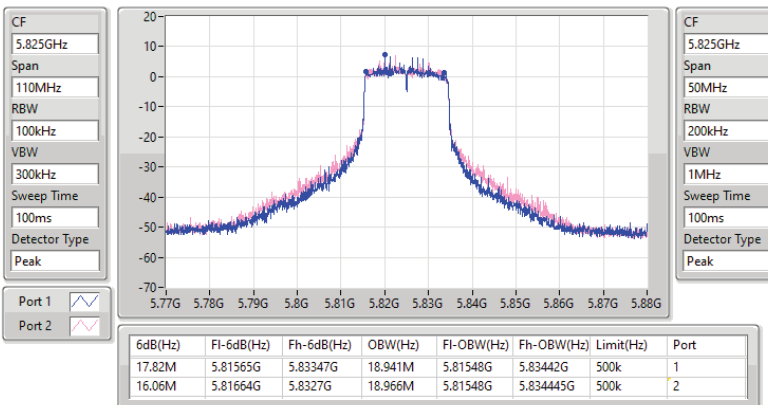


5.725-5.85GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

EBW

5825MHz

05/01/2023

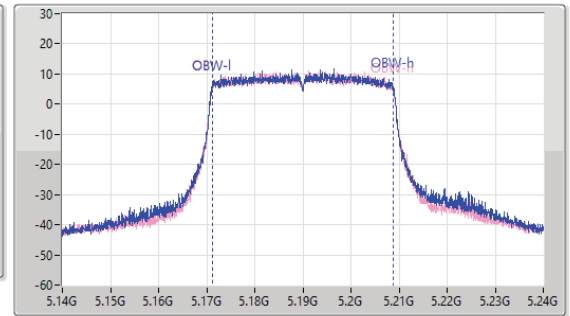
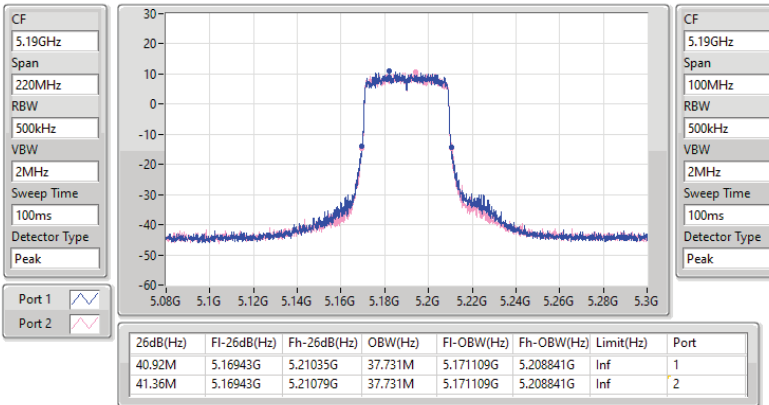


5.15-5.25GHz\_802.11ax HEW40\_Nss1,(MCS0)\_2TX

EBW

5190MHz

05/01/2023

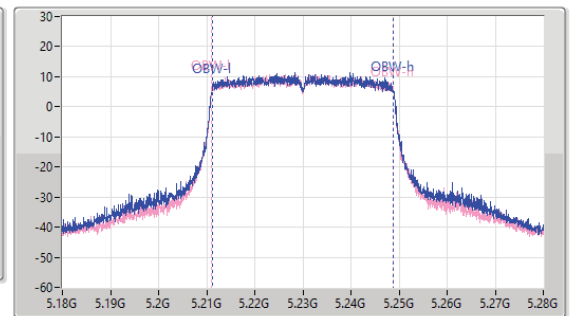
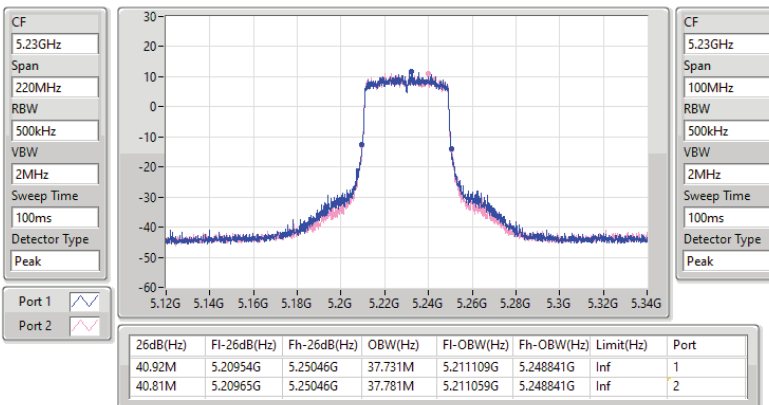


5.15-5.25GHz\_802.11ax HEW40\_Nss1,(MCS0)\_2TX

EBW

5230MHz

05/01/2023



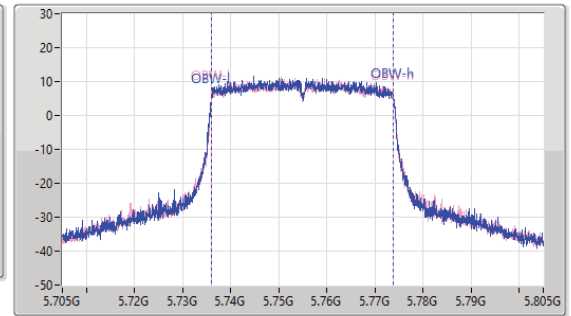
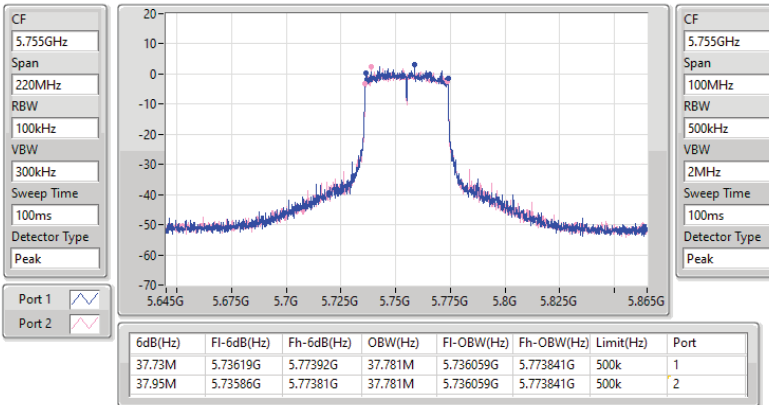


5.725-5.85GHz\_802.11ax HEW40\_Nss1,(MCS0)\_2TX

EBW

5755MHz

05/01/2023

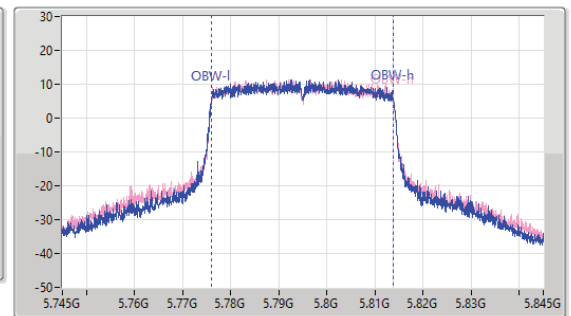
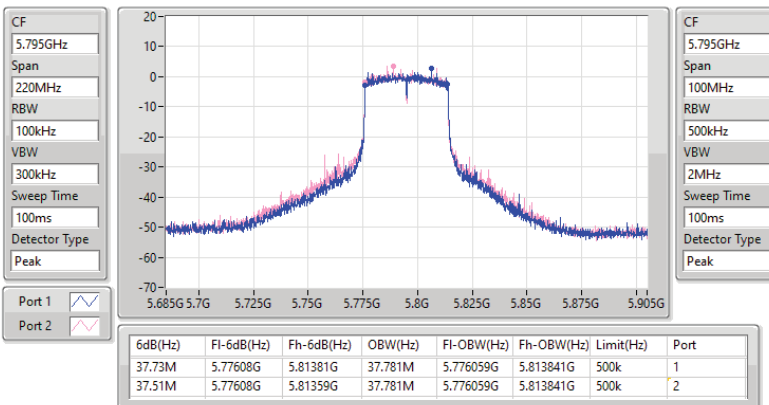


5.725-5.85GHz\_802.11ax HEW40\_Nss1,(MCS0)\_2TX

EBW

5795MHz

05/01/2023

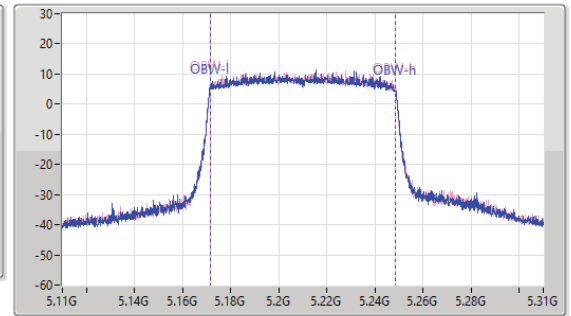
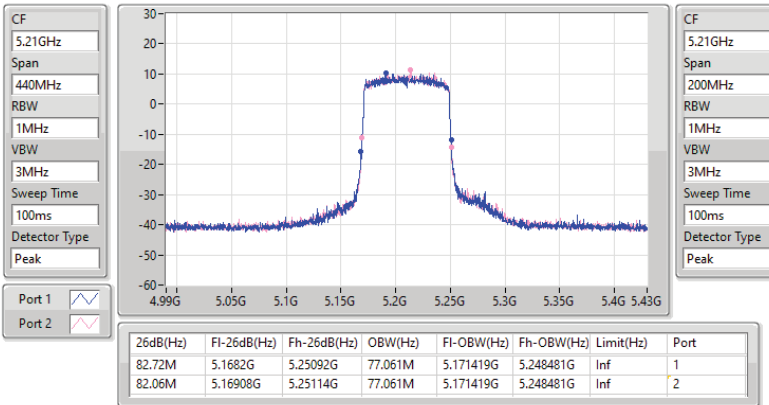


5.15-5.25GHz\_802.11ax HEW80\_Nss1,(MCS0)\_2TX

EBW

5210MHz

05/01/2023

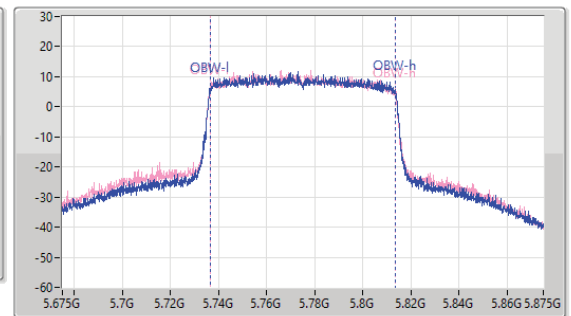
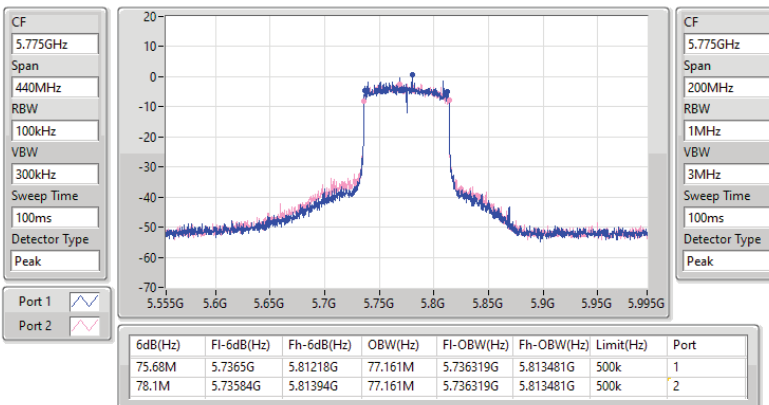


5.725-5.85GHz\_802.11ax HEW80\_Nss1,(MCS0)\_2TX

EBW

5775MHz

05/01/2023



**Summary**

| Mode                           | Max-N dB<br>(Hz) | Max-OBW<br>(Hz) | ITU-Code | Min-N dB<br>(Hz) | Min-OBW<br>(Hz) |
|--------------------------------|------------------|-----------------|----------|------------------|-----------------|
| 5.15-5.25GHz                   | -                | -               | -        | -                | -               |
| 802.11a_Nss1,(6Mbps)_2TX       | 20.35M           | 16.369M         | 16M4D1D  | 19.03M           | 16.318M         |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | 21.78M           | 18.951M         | 19M0D1D  | 20.845M          | 18.891M         |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | 40.7M            | 37.731M         | 37M7D1D  | 40.37M           | 37.681M         |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | 82.06M           | 77.261M         | 77M3D1D  | 82.06M           | 77.161M         |
| 5.725-5.85GHz                  | -                | -               | -        | -                | -               |
| 802.11a_Nss1,(6Mbps)_2TX       | 16.28M           | 16.514M         | 16M5D1D  | 15.785M          | 16.404M         |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | 18.865M          | 19.015M         | 19M0D1D  | 18.095M          | 18.941M         |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | 37.84M           | 37.831M         | 37M8D1D  | 37.07M           | 37.731M         |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | 77.22M           | 77.461M         | 77M5D1D  | 77M              | 77.361M         |

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

**Result**

| Mode                           | Result | Limit<br>(Hz) | Port 1-N dB<br>(Hz) | Port 1-OBW<br>(Hz) | Port 2-N dB<br>(Hz) | Port 2-OBW<br>(Hz) |
|--------------------------------|--------|---------------|---------------------|--------------------|---------------------|--------------------|
| 802.11a_Nss1,(6Mbps)_2TX       | -      | -             | -                   | -                  | -                   | -                  |
| 5180MHz                        | Pass   | Inf           | 19.03M              | 16.318M            | 20.295M             | 16.365M            |
| 5200MHz                        | Pass   | Inf           | 19.8M               | 16.321M            | 20.35M              | 16.369M            |
| 5240MHz                        | Pass   | Inf           | 19.745M             | 16.332M            | 19.635M             | 16.361M            |
| 5745MHz                        | Pass   | 500k          | 15.785M             | 16.404M            | 16.28M              | 16.492M            |
| 5785MHz                        | Pass   | 500k          | 16.28M              | 16.426M            | 16.28M              | 16.448M            |
| 5825MHz                        | Pass   | 500k          | 16.28M              | 16.404M            | 16.28M              | 16.514M            |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5180MHz                        | Pass   | Inf           | 20.845M             | 18.891M            | 21.12M              | 18.916M            |
| 5200MHz                        | Pass   | Inf           | 21.78M              | 18.921M            | 21.505M             | 18.951M            |
| 5240MHz                        | Pass   | Inf           | 21.23M              | 18.915M            | 21.56M              | 18.949M            |
| 5745MHz                        | Pass   | 500k          | 18.865M             | 18.941M            | 18.095M             | 18.991M            |
| 5785MHz                        | Pass   | 500k          | 18.7M               | 18.991M            | 18.205M             | 19.015M            |
| 5825MHz                        | Pass   | 500k          | 18.15M              | 18.966M            | 18.205M             | 19.015M            |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5190MHz                        | Pass   | Inf           | 40.37M              | 37.681M            | 40.48M              | 37.681M            |
| 5230MHz                        | Pass   | Inf           | 40.37M              | 37.731M            | 40.7M               | 37.731M            |
| 5755MHz                        | Pass   | 500k          | 37.51M              | 37.731M            | 37.07M              | 37.831M            |
| 5795MHz                        | Pass   | 500k          | 37.29M              | 37.781M            | 37.84M              | 37.781M            |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5210MHz                        | Pass   | Inf           | 82.06M              | 77.161M            | 82.06M              | 77.261M            |
| 5775MHz                        | Pass   | 500k          | 77.22M              | 77.361M            | 77M                 | 77.461M            |

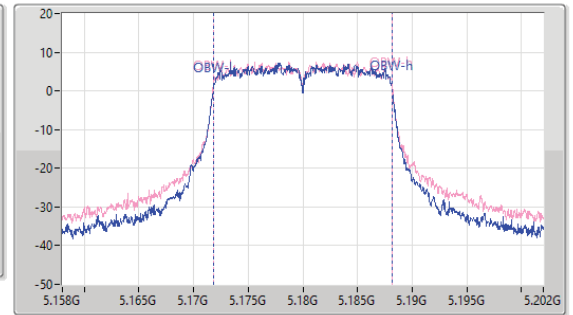
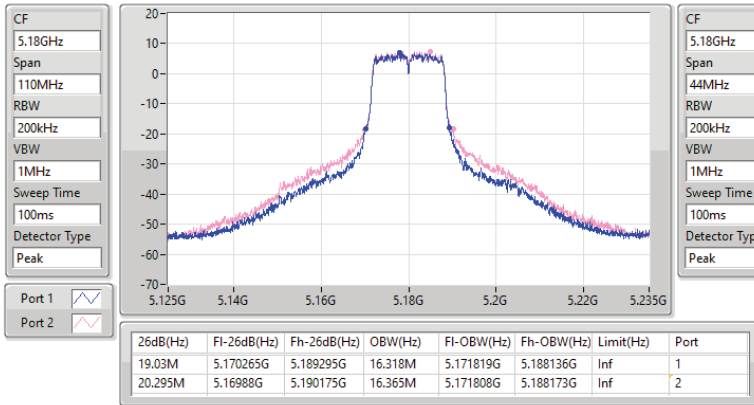
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band  
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

EBW

5180MHz

24/04/2023

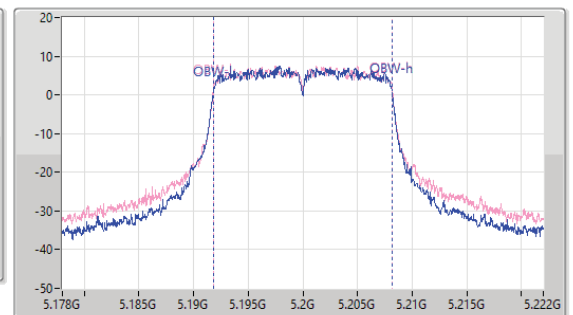
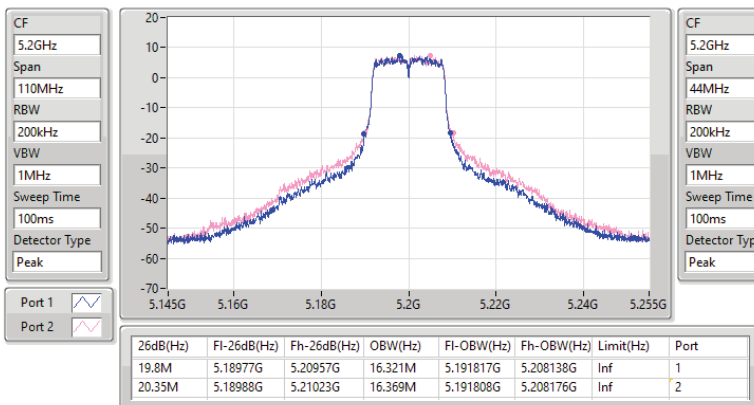


5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

EBW

5200MHz

24/04/2023

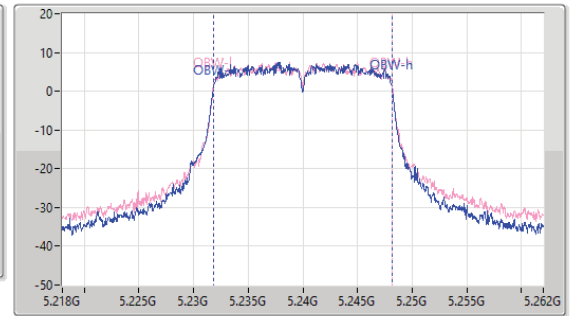
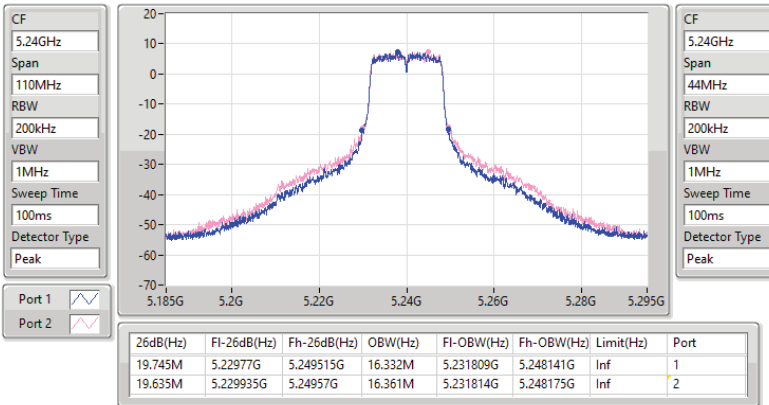


## 5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

EBW

5240MHz

24/04/2023

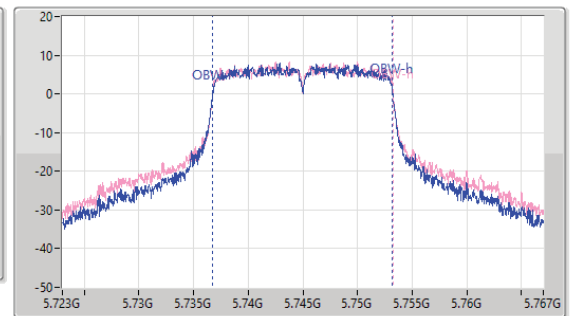
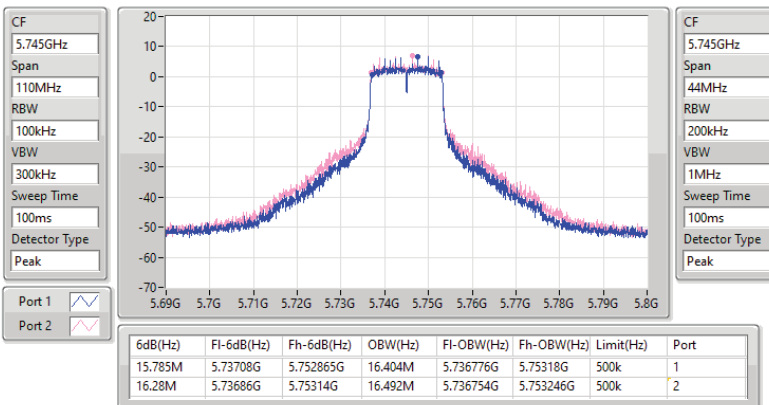


## 5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

EBW

5745MHz

05/01/2023

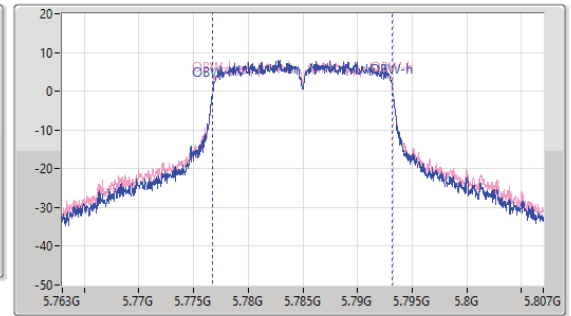
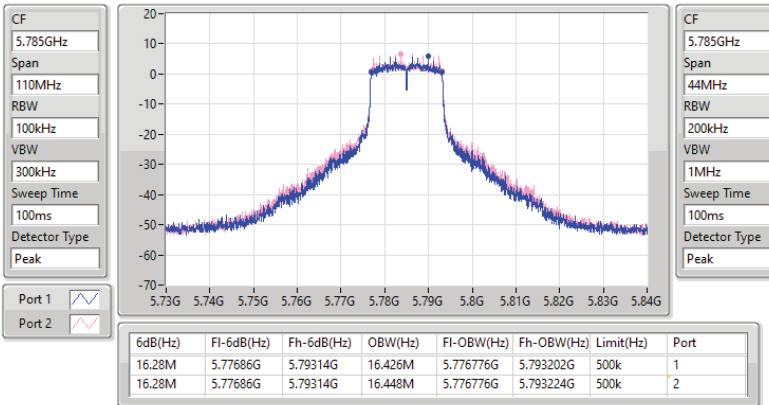


5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

EBW

5785MHz

05/01/2023

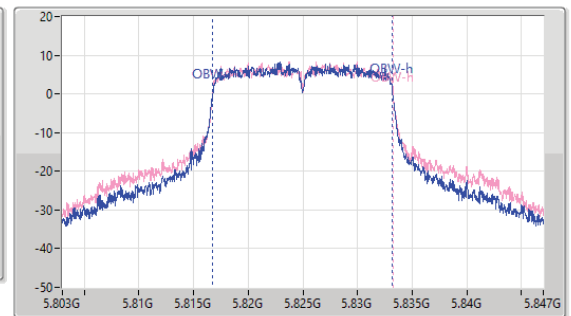
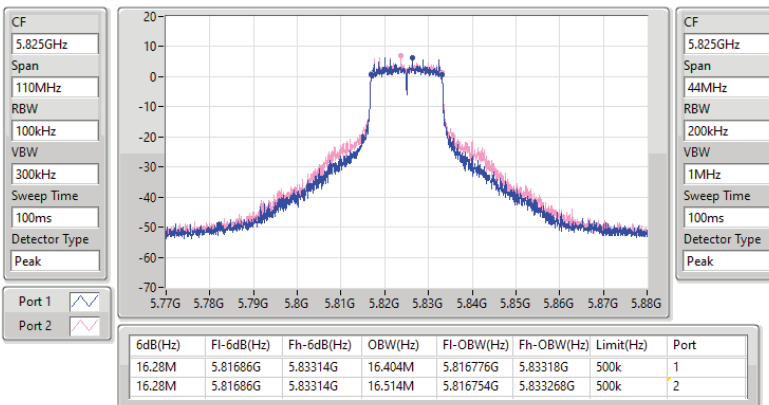


5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

EBW

5825MHz

05/01/2023

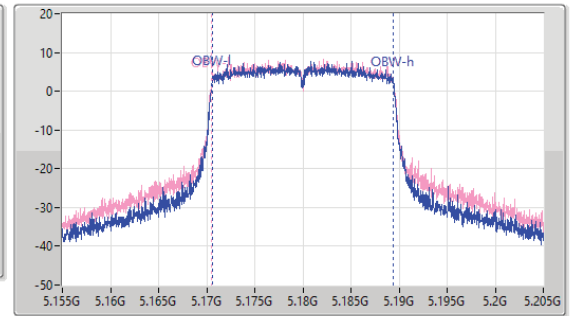
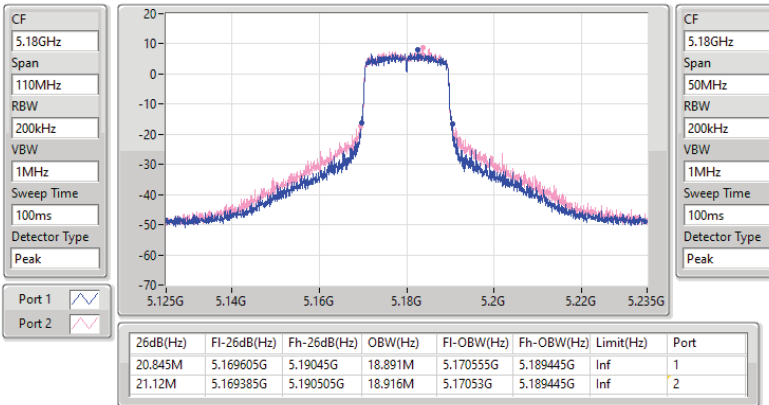


5.15-5.25GHz\_802.11ax\_HEW20\_Nss1,(MCS0)\_2TX

EBW

5180MHz

05/01/2023

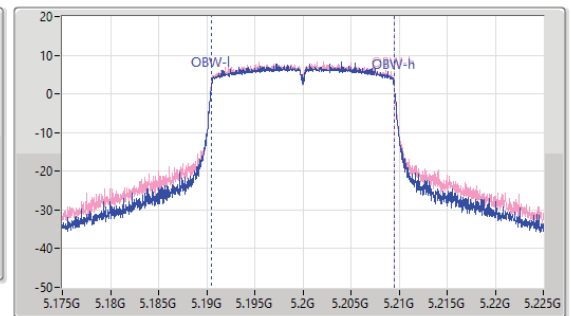
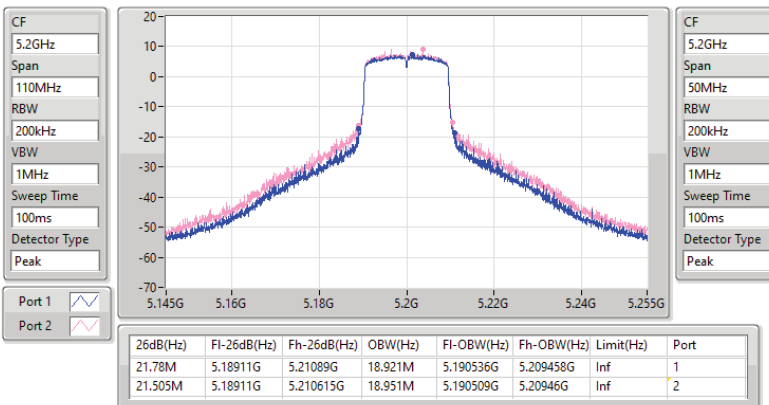


5.15-5.25GHz\_802.11ax\_HEW20\_Nss1,(MCS0)\_2TX

EBW

5200MHz

24/04/2023

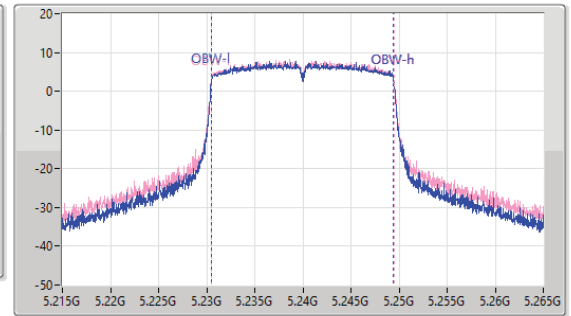
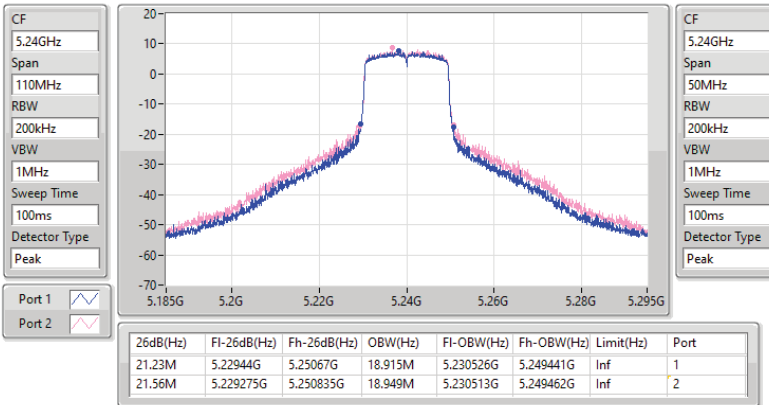


5.15-5.25GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

EBW

5240MHz

24/04/2023

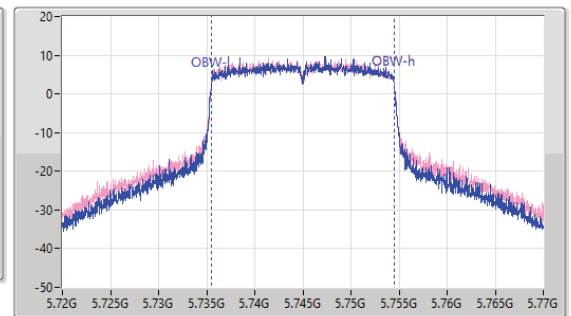
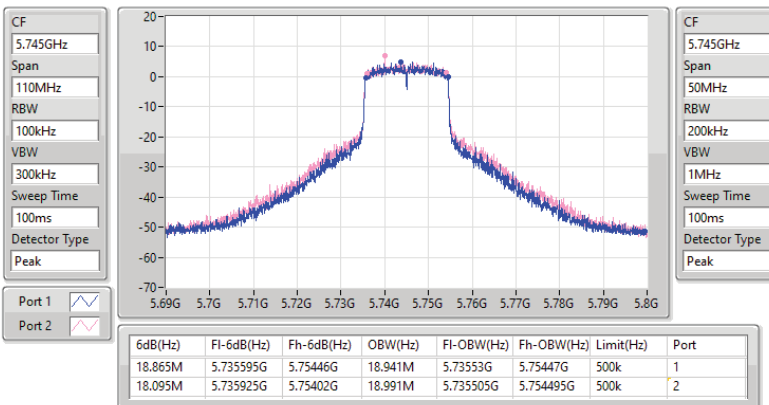


5.725-5.85GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

EBW

5745MHz

05/01/2023

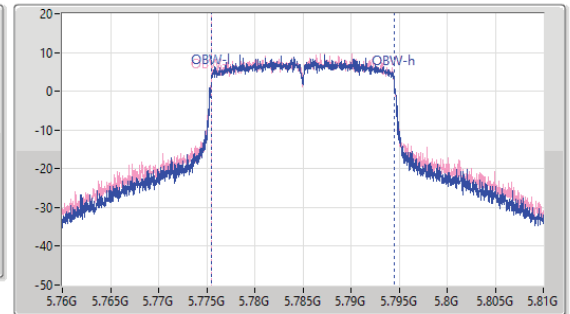
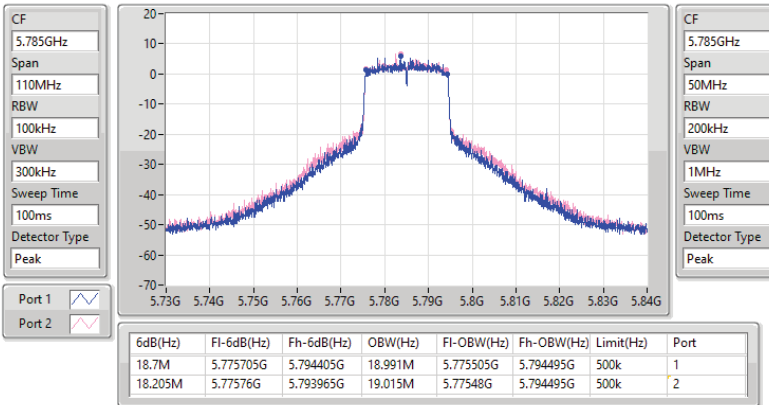


5.725-5.85GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

EBW

5785MHz

05/01/2023

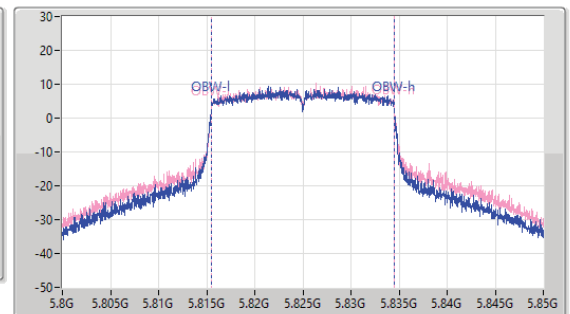
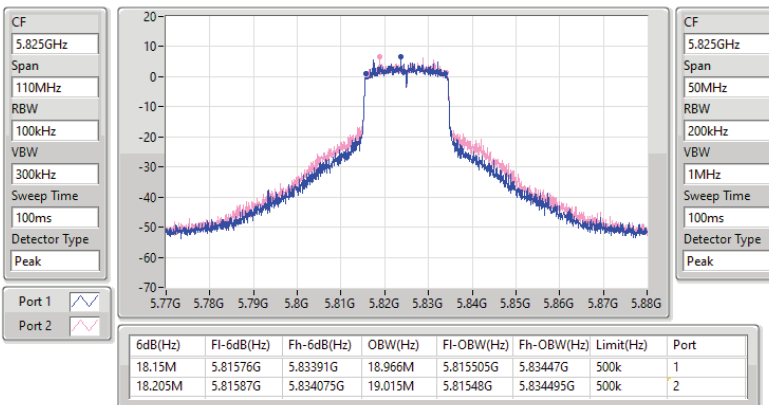


5.725-5.85GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

EBW

5825MHz

05/01/2023

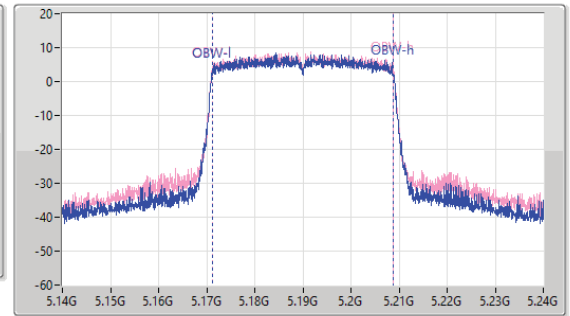
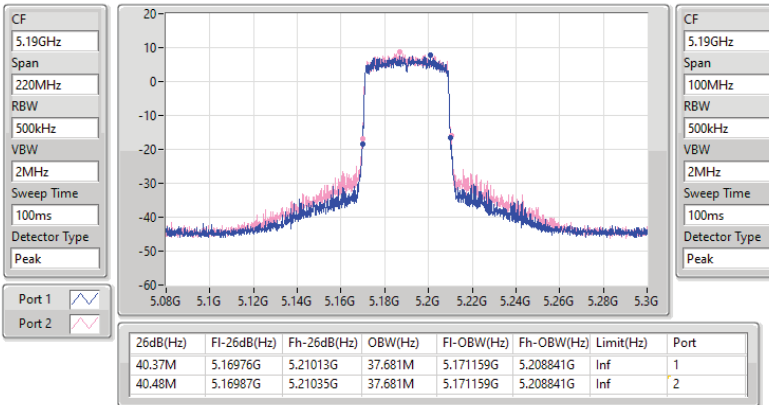


5.15-5.25GHz\_802.11ax\_HEW40\_Nss1,(MCS0)\_2TX

EBW

5190MHz

05/01/2023

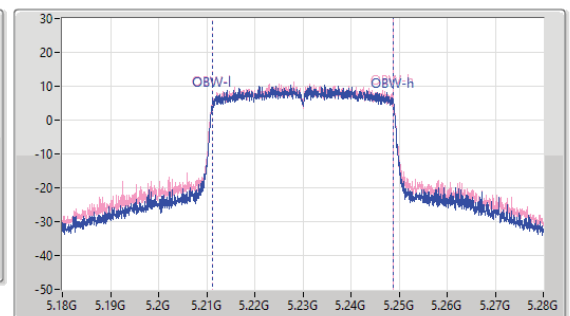
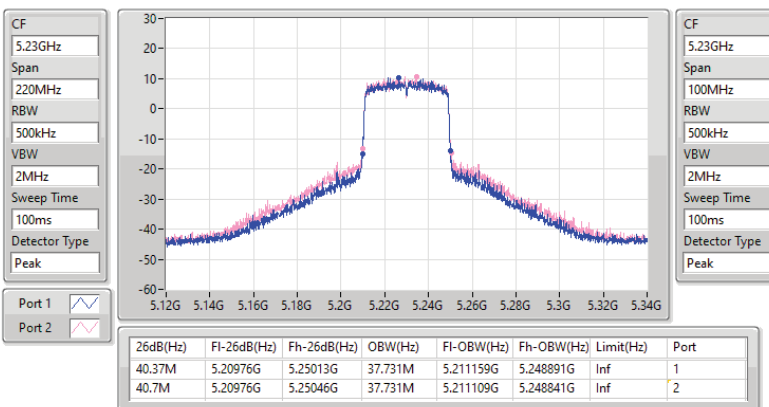


5.15-5.25GHz\_802.11ax\_HEW40\_Nss1,(MCS0)\_2TX

EBW

5230MHz

05/01/2023



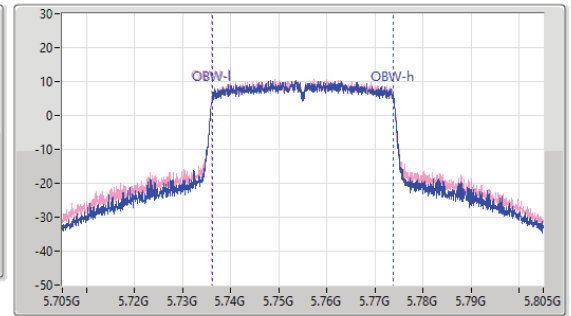
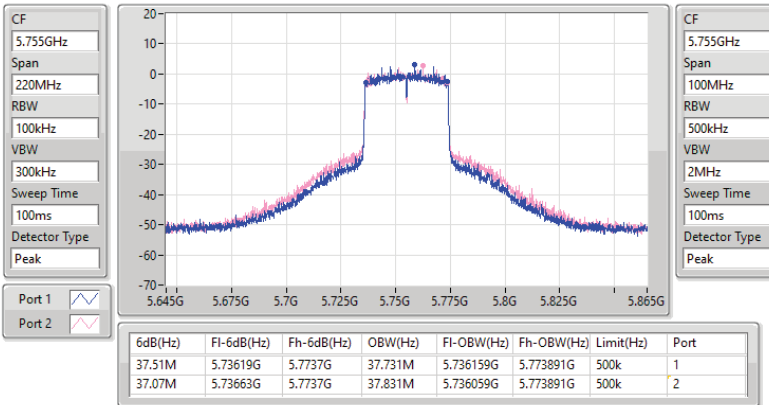


5.725-5.85GHz\_802.11ax HEW40\_Nss1,(MCS0)\_2TX

EBW

5755MHz

05/01/2023

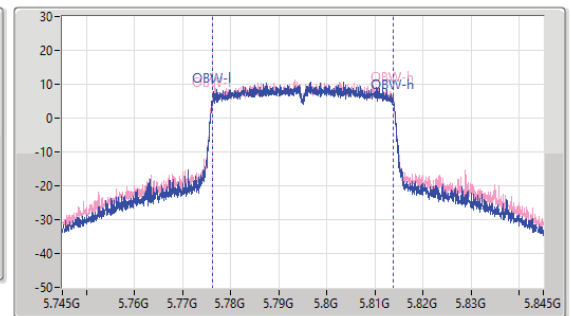
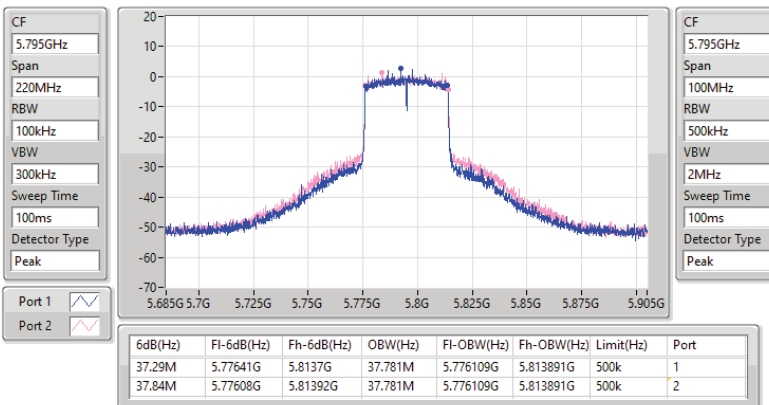


5.725-5.85GHz\_802.11ax HEW40\_Nss1,(MCS0)\_2TX

EBW

5795MHz

05/01/2023

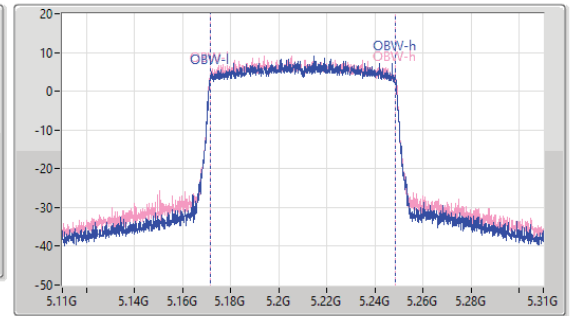
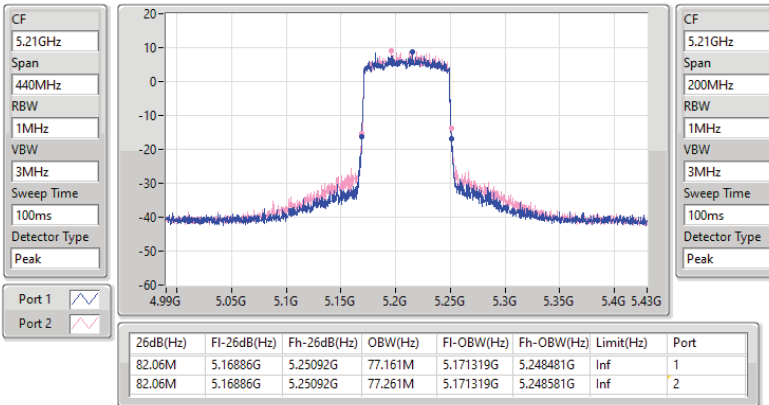


5.15-5.25GHz\_802.11ax\_HEW80\_Nss1,(MCS0)\_2TX

EBW

5210MHz

05/01/2023

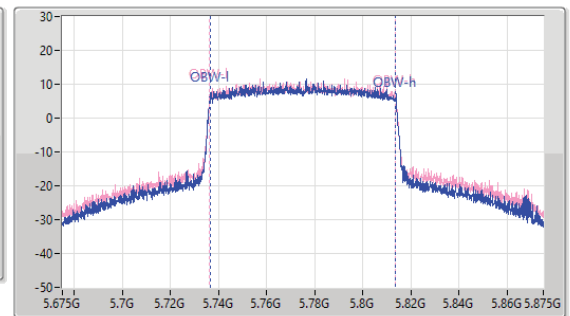
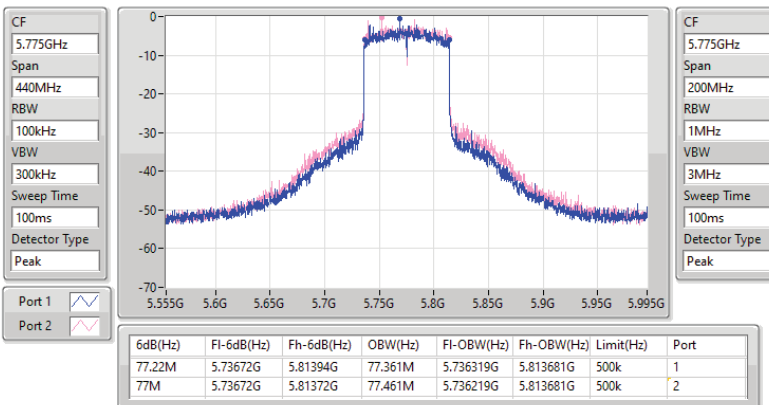


5.725-5.85GHz\_802.11ax\_HEW80\_Nss1,(MCS0)\_2TX

EBW

5775MHz

05/01/2023



**Summary**

| Mode                           | Max-N dB<br>(Hz) | Max-OBW<br>(Hz) | ITU-Code | Min-N dB<br>(Hz) | Min-OBW<br>(Hz) |
|--------------------------------|------------------|-----------------|----------|------------------|-----------------|
| 5.15-5.25GHz                   | -                | -               | -        | -                | -               |
| 802.11a_Nss1,(6Mbps)_2TX       | 20.845M          | 16.404M         | 16M4D1D  | 20.13M           | 16.36M          |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | 21.67M           | 18.941M         | 18M9D1D  | 20.955M          | 18.916M         |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | 41.47M           | 37.781M         | 37M8D1D  | 40.81M           | 37.681M         |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | 82.5M            | 77.061M         | 77M1D1D  | 81.84M           | 77.061M         |
| 5.725-5.85GHz                  | -                | -               | -        | -                | -               |
| 802.11a_Nss1,(6Mbps)_2TX       | 16.28M           | 16.536M         | 16M5D1D  | 15.51M           | 16.382M         |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | 18.535M          | 18.941M         | 18M9D1D  | 16.61M           | 18.891M         |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | 37.95M           | 37.831M         | 37M8D1D  | 33.66M           | 37.781M         |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | 77.88M           | 77.261M         | 77M3D1D  | 76.78M           | 77.061M         |

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

**Result**

| Mode                           | Result | Limit (Hz) | Port 1-N dB (Hz) | Port 1-OBW (Hz) | Port 2-N dB (Hz) | Port 2-OBW (Hz) |
|--------------------------------|--------|------------|------------------|-----------------|------------------|-----------------|
| 802.11a_Nss1,(6Mbps)_2TX       | -      | -          | -                | -               | -                | -               |
| 5180MHz                        | Pass   | Inf        | 20.35M           | 16.382M         | 20.845M          | 16.404M         |
| 5200MHz                        | Pass   | Inf        | 20.57M           | 16.36M          | 20.625M          | 16.404M         |
| 5240MHz                        | Pass   | Inf        | 20.13M           | 16.36M          | 20.68M           | 16.382M         |
| 5745MHz                        | Pass   | 500k       | 16.28M           | 16.382M         | 15.62M           | 16.382M         |
| 5785MHz                        | Pass   | 500k       | 15.51M           | 16.382M         | 16.28M           | 16.404M         |
| 5825MHz                        | Pass   | 500k       | 15.895M          | 16.47M          | 16.005M          | 16.536M         |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | -      | -          | -                | -               | -                | -               |
| 5180MHz                        | Pass   | Inf        | 20.955M          | 18.916M         | 21.285M          | 18.916M         |
| 5200MHz                        | Pass   | Inf        | 21.34M           | 18.941M         | 21.67M           | 18.916M         |
| 5240MHz                        | Pass   | Inf        | 21.395M          | 18.916M         | 21.395M          | 18.941M         |
| 5745MHz                        | Pass   | 500k       | 16.61M           | 18.891M         | 17.655M          | 18.941M         |
| 5785MHz                        | Pass   | 500k       | 18.535M          | 18.916M         | 17.655M          | 18.891M         |
| 5825MHz                        | Pass   | 500k       | 17.545M          | 18.941M         | 17.05M           | 18.941M         |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | -      | -          | -                | -               | -                | -               |
| 5190MHz                        | Pass   | Inf        | 40.81M           | 37.681M         | 41.47M           | 37.781M         |
| 5230MHz                        | Pass   | Inf        | 41.03M           | 37.781M         | 41.25M           | 37.781M         |
| 5755MHz                        | Pass   | 500k       | 37.95M           | 37.781M         | 33.66M           | 37.781M         |
| 5795MHz                        | Pass   | 500k       | 36.08M           | 37.781M         | 36.85M           | 37.831M         |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | -      | -          | -                | -               | -                | -               |
| 5210MHz                        | Pass   | Inf        | 81.84M           | 77.061M         | 82.5M            | 77.061M         |
| 5775MHz                        | Pass   | 500k       | 76.78M           | 77.261M         | 77.88M           | 77.061M         |

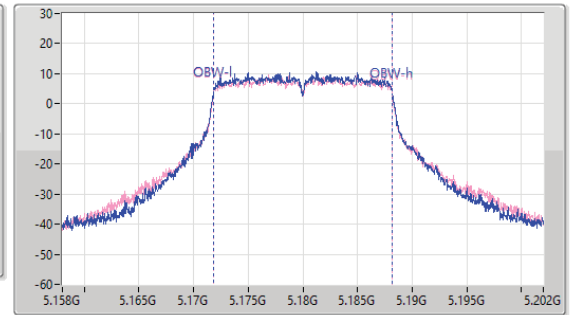
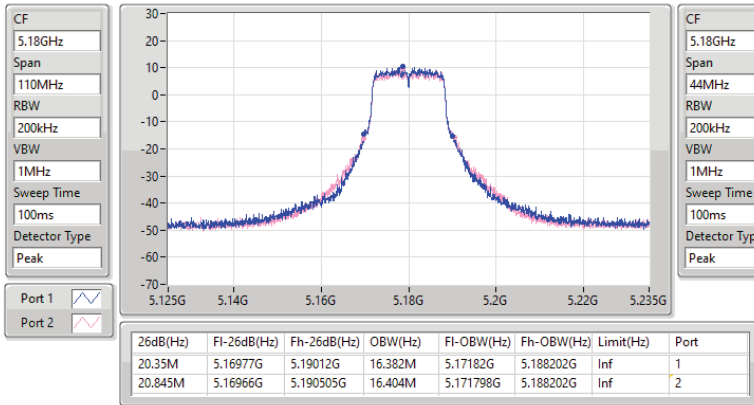
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band  
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

EBW

5180MHz

12/01/2023

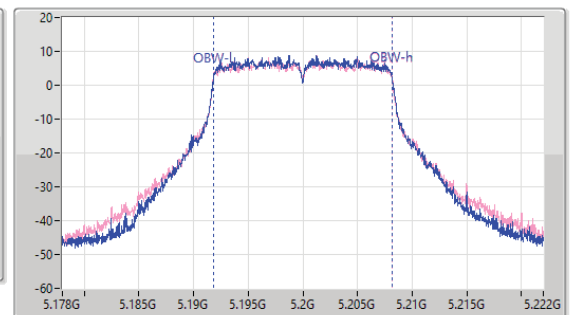
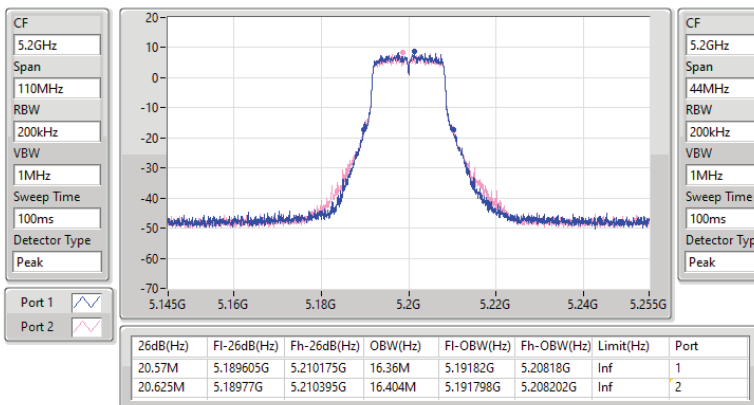


5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

EBW

5200MHz

12/01/2023

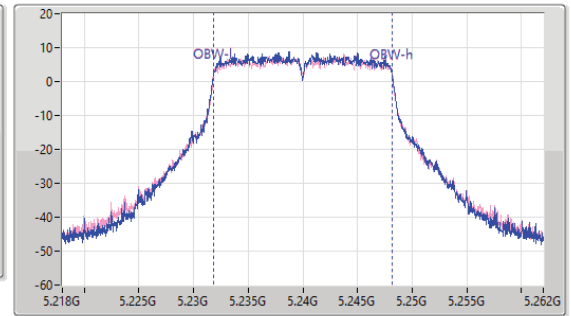
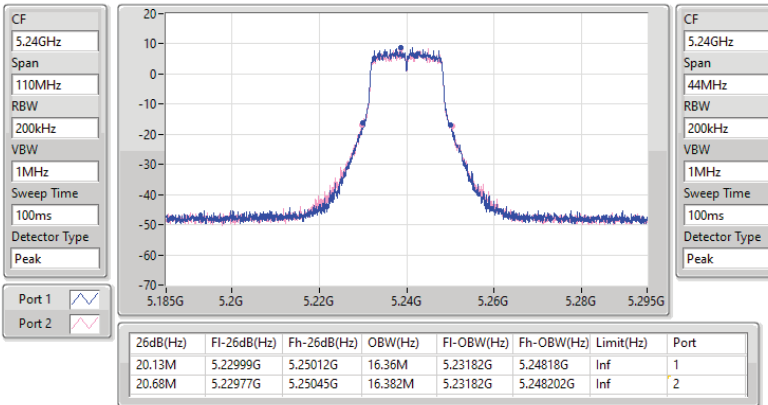


5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

EBW

5240MHz

12/01/2023

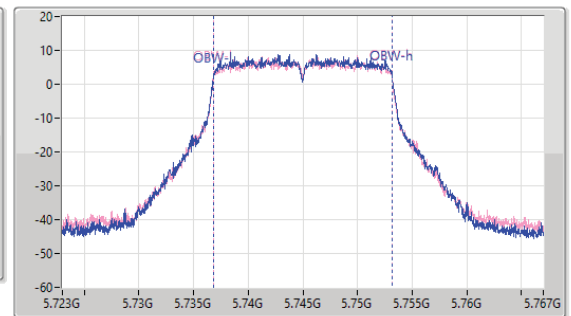
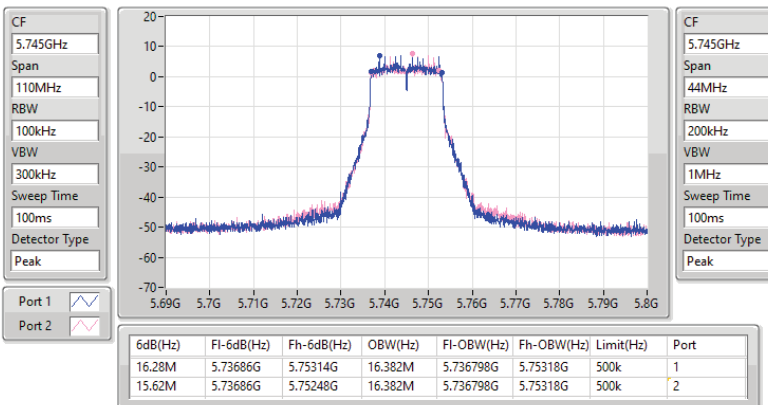


5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

EBW

5745MHz

12/01/2023



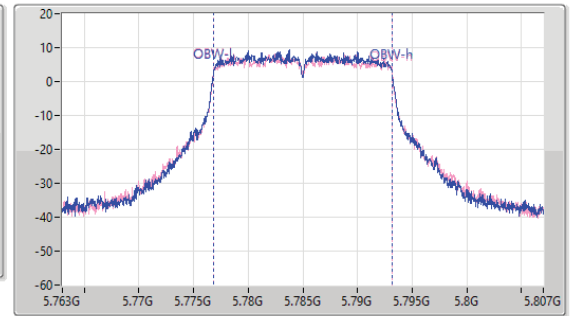
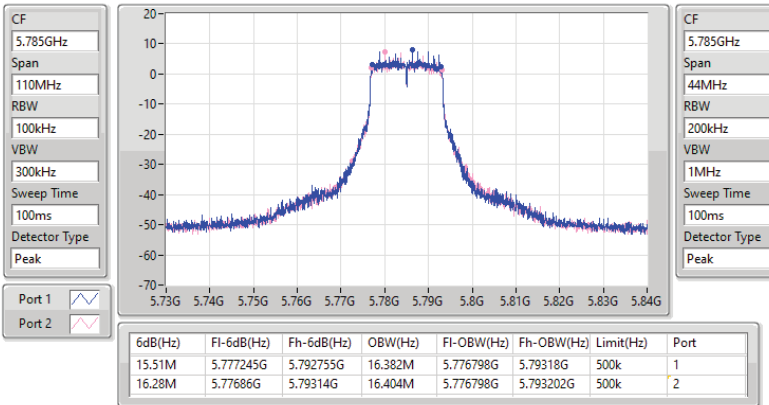


5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

EBW

5785MHz

12/01/2023

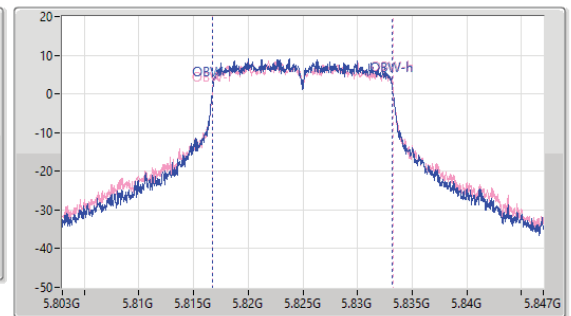
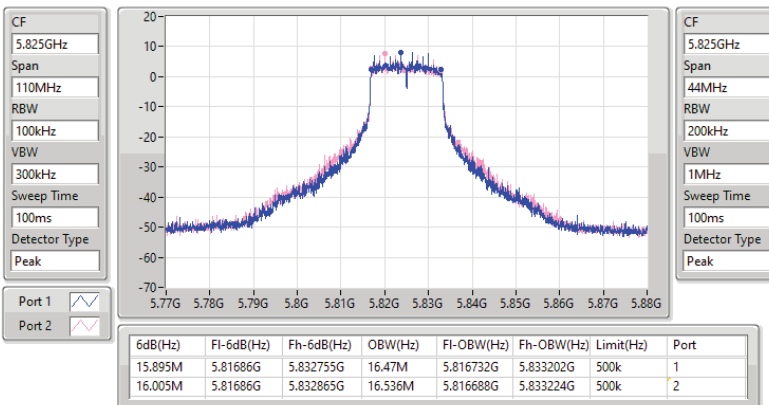


5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

EBW

5825MHz

12/01/2023

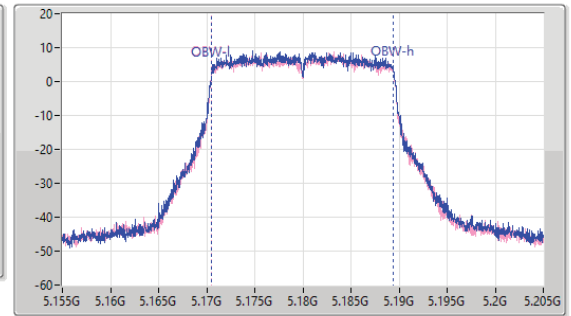
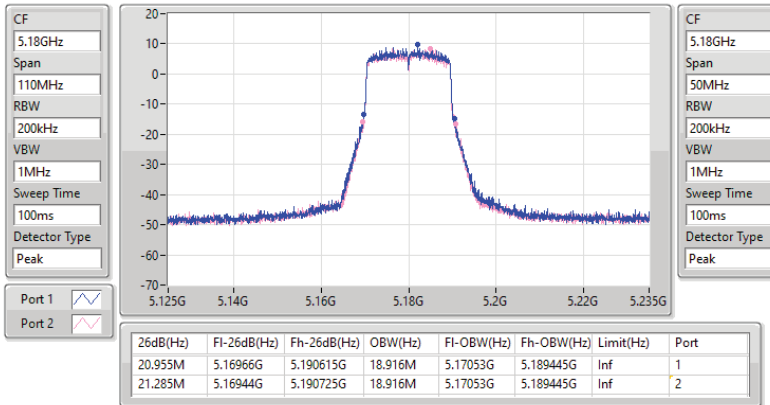


5.15-5.25GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

EBW

5180MHz

13/01/2023

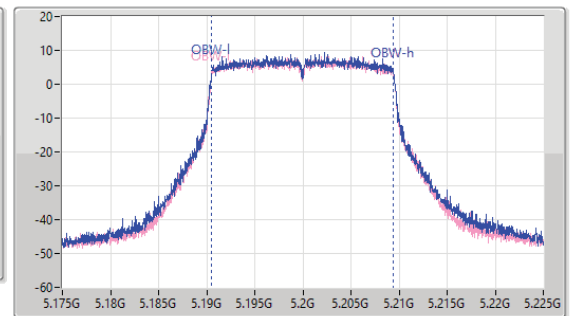
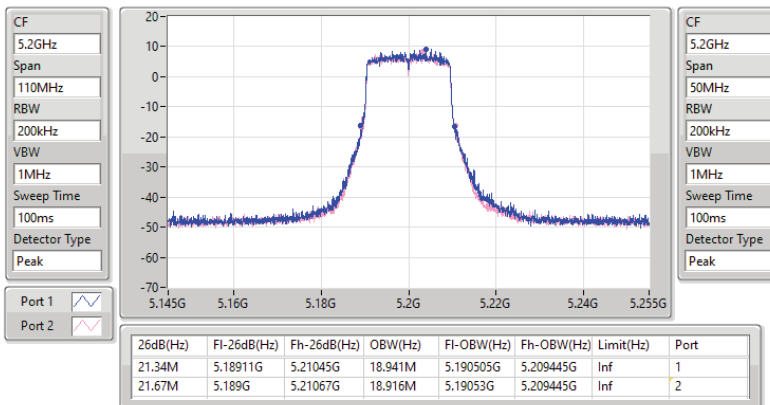


5.15-5.25GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

EBW

5200MHz

13/01/2023

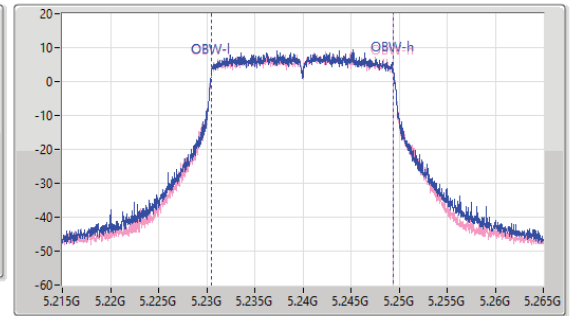
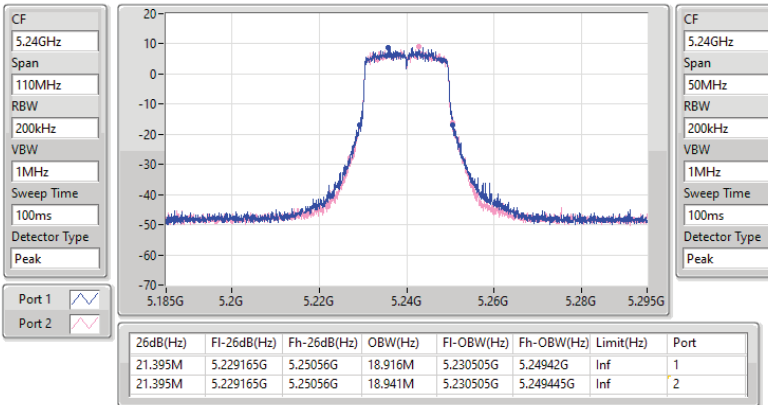


5.15-5.25GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

EBW

5240MHz

13/01/2023

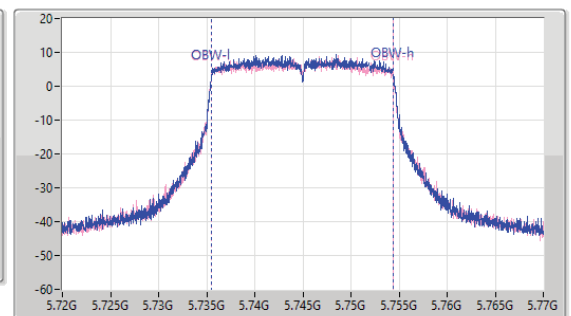
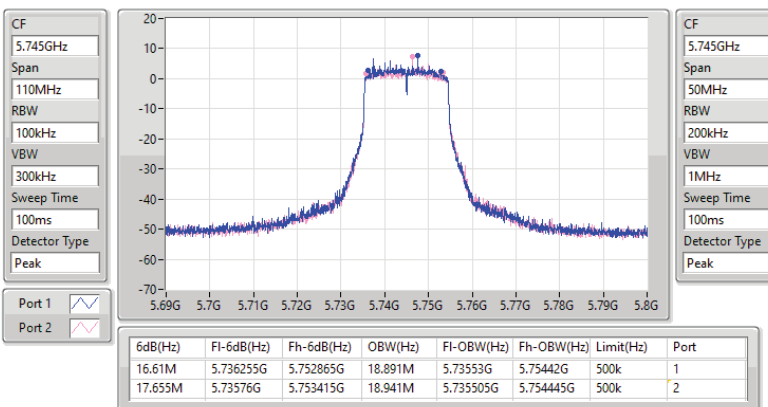


5.725-5.85GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

EBW

5745MHz

13/01/2023

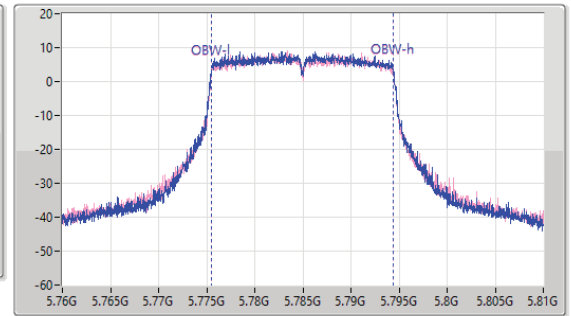
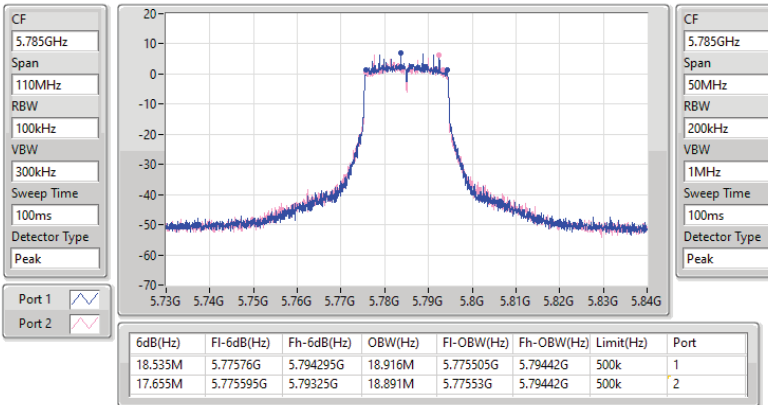


5.725-5.85GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

EBW

5785MHz

13/01/2023

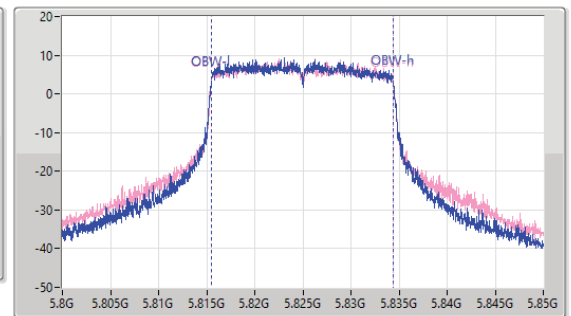
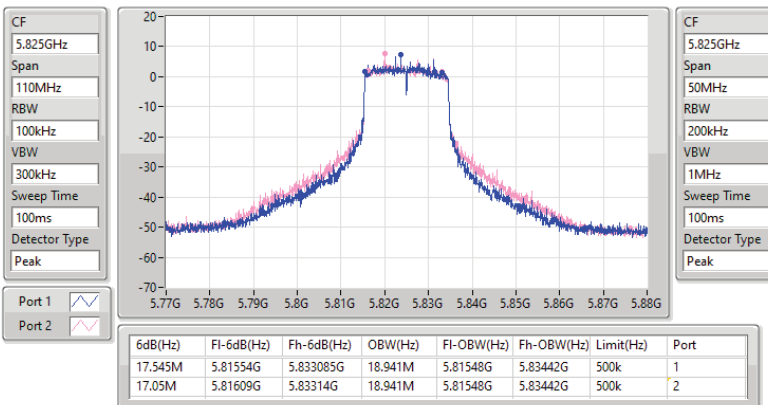


5.725-5.85GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

EBW

5825MHz

13/01/2023

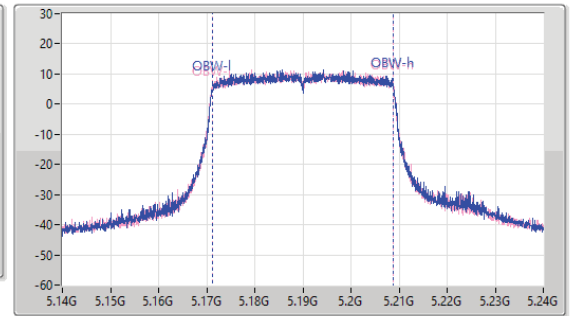
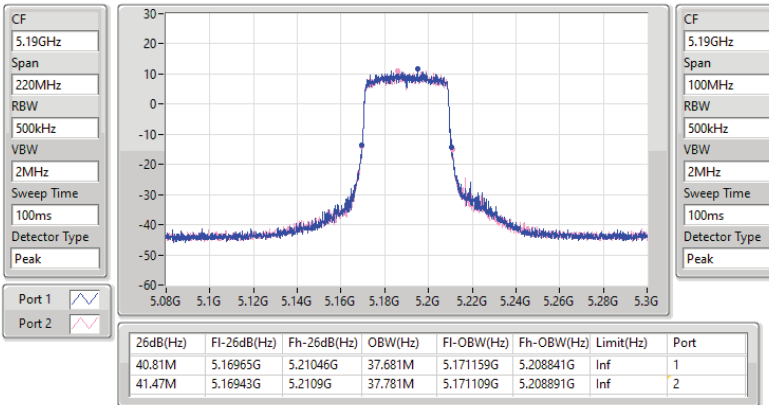


5.15-5.25GHz\_802.11ax\_HEW40\_Nss1,(MCS0)\_2TX

EBW

5190MHz

13/01/2023

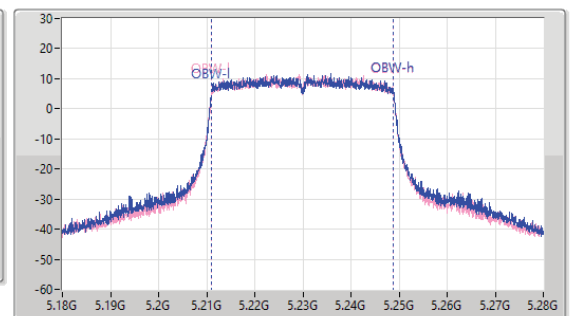
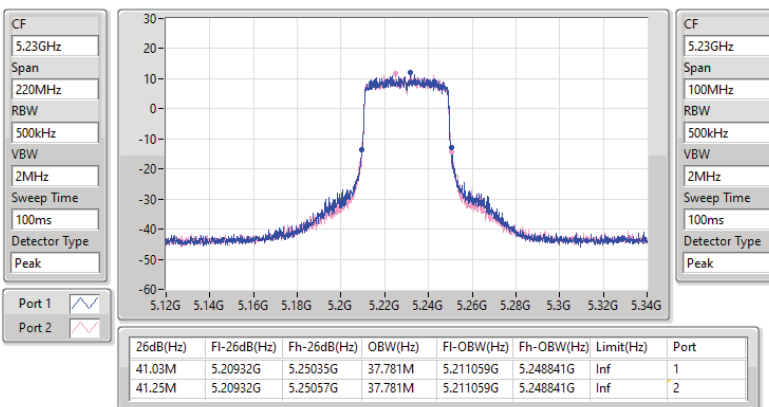


5.15-5.25GHz\_802.11ax\_HEW40\_Nss1,(MCS0)\_2TX

EBW

5230MHz

13/01/2023

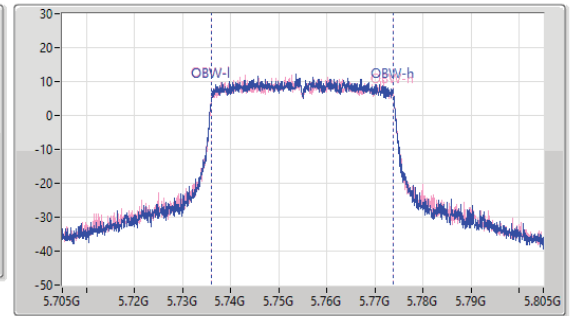
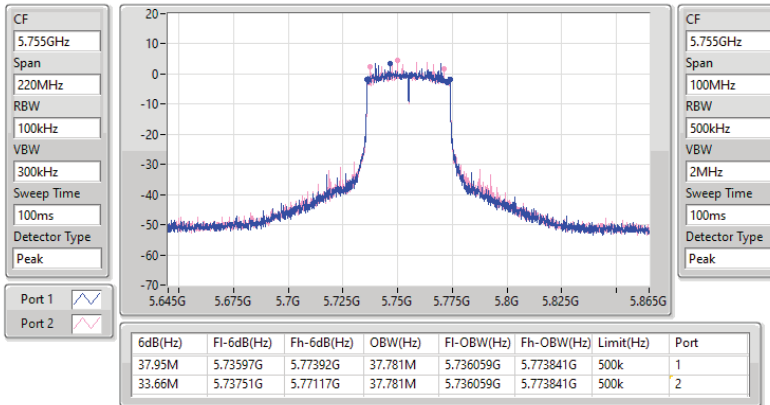


5.725-5.85GHz\_802.11ax HEW40\_Nss1,(MCS0)\_2TX

EBW

5755MHz

13/01/2023

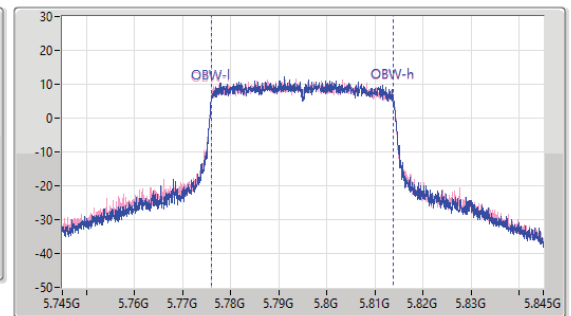
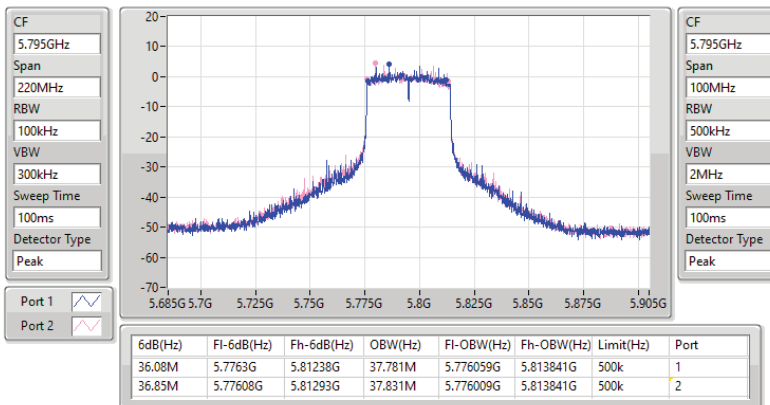


5.725-5.85GHz\_802.11ax HEW40\_Nss1,(MCS0)\_2TX

EBW

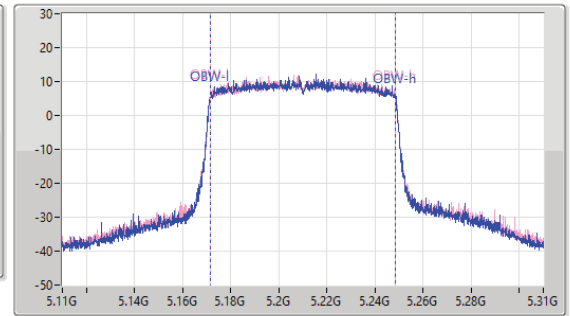
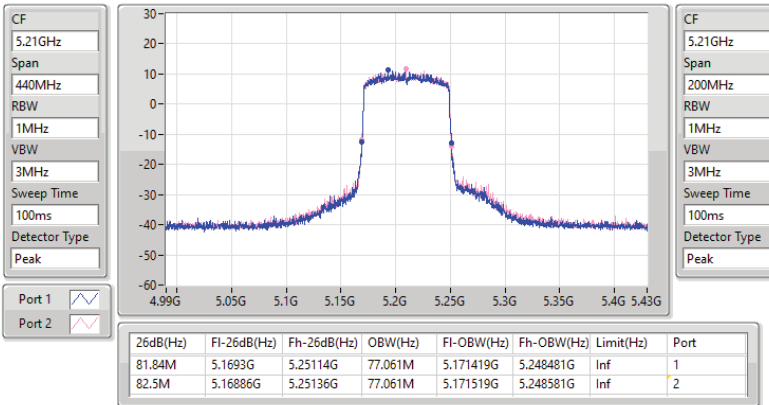
5795MHz

13/01/2023

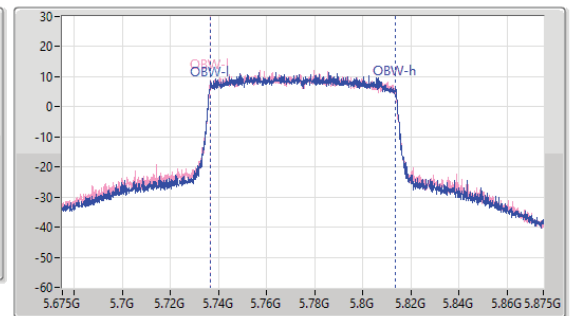
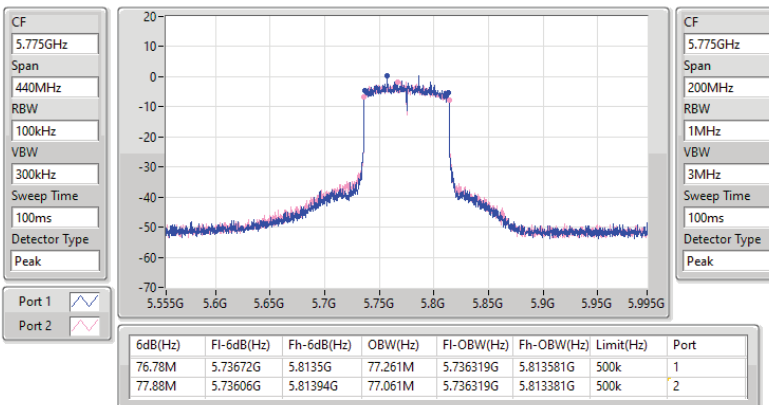


**5.15-5.25GHz\_802.11ax HEW80\_Nss1,(MCS0)\_2TX**
**EBW**
**5210MHz**

13/01/2023


**5.725-5.85GHz\_802.11ax HEW80\_Nss1,(MCS0)\_2TX**
**EBW**
**5775MHz**

13/01/2023



**Summary**

| Mode                           | Max-N dB<br>(Hz) | Max-OBW<br>(Hz) | ITU-Code | Min-N dB<br>(Hz) | Min-OBW<br>(Hz) |
|--------------------------------|------------------|-----------------|----------|------------------|-----------------|
| 5.15-5.25GHz                   | -                | -               | -        | -                | -               |
| 802.11a_Nss1,(6Mbps)_2TX       | 20.35M           | 16.365M         | 16M4D1D  | 19.195M          | 16.317M         |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | 21.67M           | 18.932M         | 18M9D1D  | 20.79M           | 18.891M         |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | 40.81M           | 37.731M         | 37M7D1D  | 40.37M           | 37.631M         |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | 82.28M           | 77.361M         | 77M4D1D  | 82.28M           | 77.261M         |
| 5.725-5.85GHz                  | -                | -               | -        | -                | -               |
| 802.11a_Nss1,(6Mbps)_2TX       | 16.28M           | 16.426M         | 16M4D1D  | 16.005M          | 16.36M          |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | 18.81M           | 18.966M         | 19M0D1D  | 17.82M           | 18.916M         |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | 37.62M           | 37.781M         | 37M8D1D  | 37.4M            | 37.681M         |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | 77M              | 77.161M         | 77M2D1D  | 74.58M           | 77.161M         |

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

**Result**

| Mode                           | Result | Limit (Hz) | Port 1-N dB (Hz) | Port 1-OBW (Hz) | Port 2-N dB (Hz) | Port 2-OBW (Hz) |
|--------------------------------|--------|------------|------------------|-----------------|------------------|-----------------|
| 802.11a_Nss1,(6Mbps)_2TX       | -      | -          | -                | -               | -                | -               |
| 5180MHz                        | Pass   | Inf        | 19.195M          | 16.317M         | 19.47M           | 16.353M         |
| 5200MHz                        | Pass   | Inf        | 19.525M          | 16.326M         | 20.35M           | 16.365M         |
| 5240MHz                        | Pass   | Inf        | 19.635M          | 16.324M         | 19.415M          | 16.353M         |
| 5745MHz                        | Pass   | 500k       | 16.28M           | 16.36M          | 16.005M          | 16.404M         |
| 5785MHz                        | Pass   | 500k       | 16.28M           | 16.36M          | 16.28M           | 16.404M         |
| 5825MHz                        | Pass   | 500k       | 16.005M          | 16.36M          | 16.28M           | 16.426M         |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | -      | -          | -                | -               | -                | -               |
| 5180MHz                        | Pass   | Inf        | 20.79M           | 18.891M         | 21.505M          | 18.916M         |
| 5200MHz                        | Pass   | Inf        | 21.395M          | 18.902M         | 21.505M          | 18.932M         |
| 5240MHz                        | Pass   | Inf        | 21.23M           | 18.903M         | 21.67M           | 18.909M         |
| 5745MHz                        | Pass   | 500k       | 18.535M          | 18.941M         | 18.81M           | 18.966M         |
| 5785MHz                        | Pass   | 500k       | 18.59M           | 18.916M         | 18.755M          | 18.966M         |
| 5825MHz                        | Pass   | 500k       | 18.755M          | 18.916M         | 17.82M           | 18.941M         |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | -      | -          | -                | -               | -                | -               |
| 5190MHz                        | Pass   | Inf        | 40.37M           | 37.631M         | 40.48M           | 37.631M         |
| 5230MHz                        | Pass   | Inf        | 40.7M            | 37.731M         | 40.81M           | 37.731M         |
| 5755MHz                        | Pass   | 500k       | 37.4M            | 37.681M         | 37.62M           | 37.781M         |
| 5795MHz                        | Pass   | 500k       | 37.4M            | 37.731M         | 37.4M            | 37.781M         |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | -      | -          | -                | -               | -                | -               |
| 5210MHz                        | Pass   | Inf        | 82.28M           | 77.261M         | 82.28M           | 77.361M         |
| 5775MHz                        | Pass   | 500k       | 74.58M           | 77.161M         | 77M              | 77.161M         |

Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band  
Port X-OBW = Port X 99% occupied bandwidth

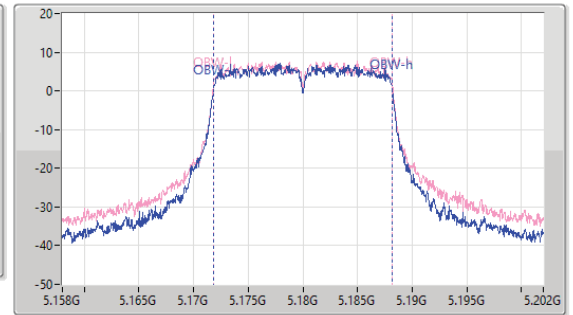
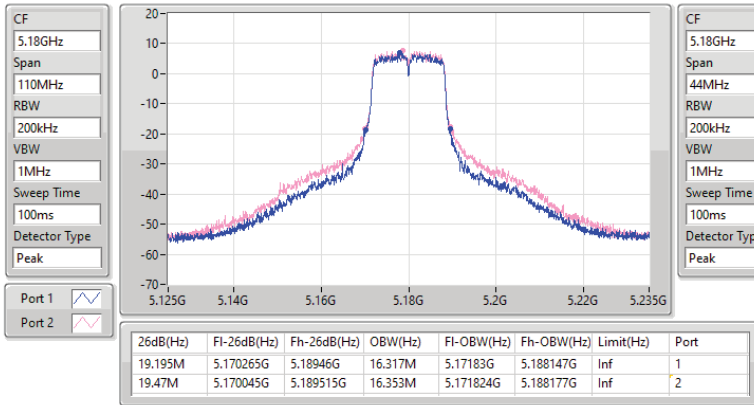


5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

EBW

5180MHz

24/04/2023

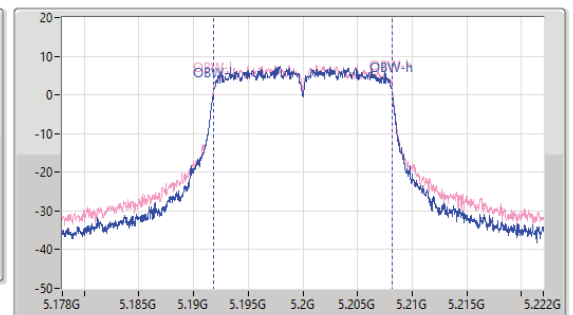
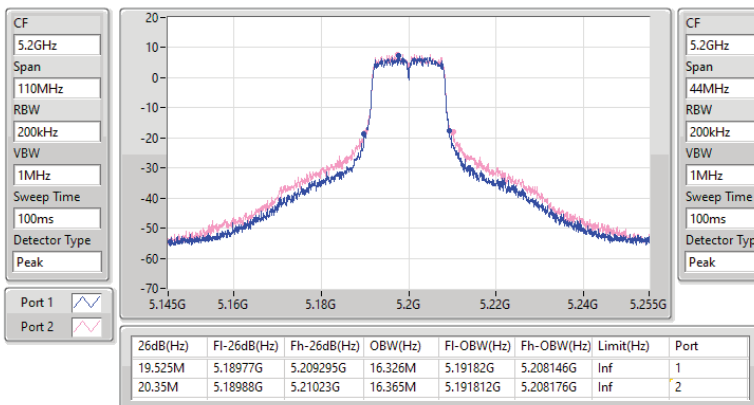


5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

EBW

5200MHz

24/04/2023

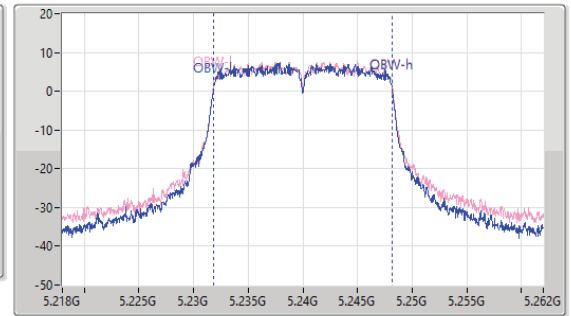
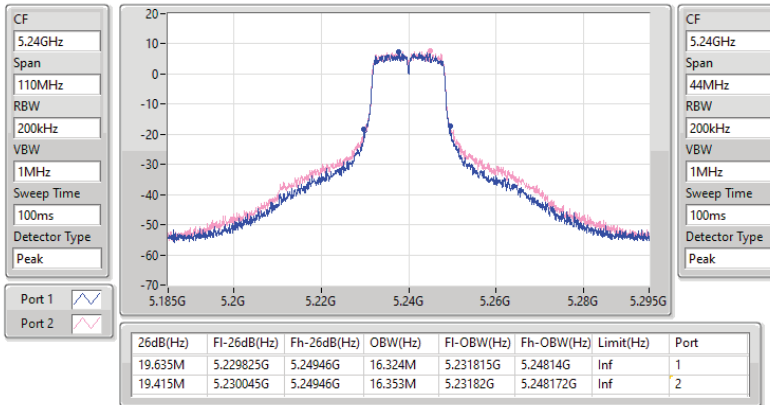


## 5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

EBW

5240MHz

24/04/2023

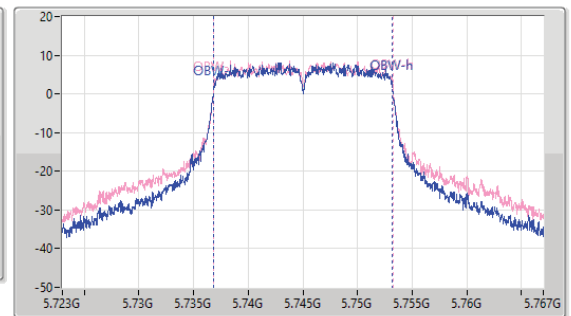
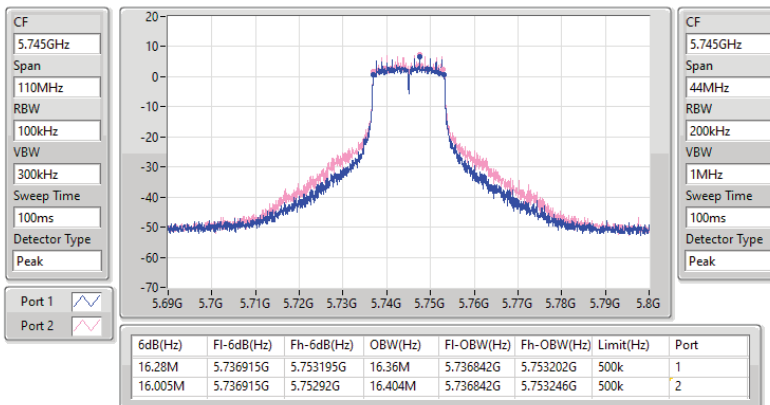


## 5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

EBW

5745MHz

13/01/2023



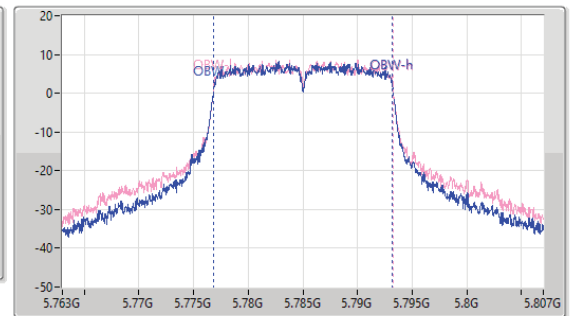
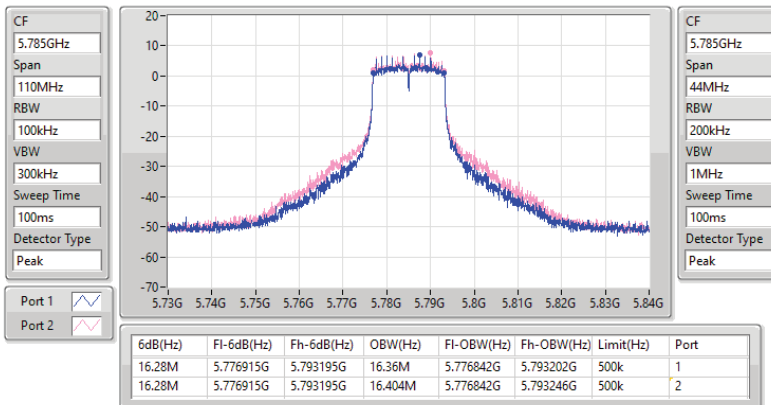


5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

EBW

5785MHz

13/01/2023

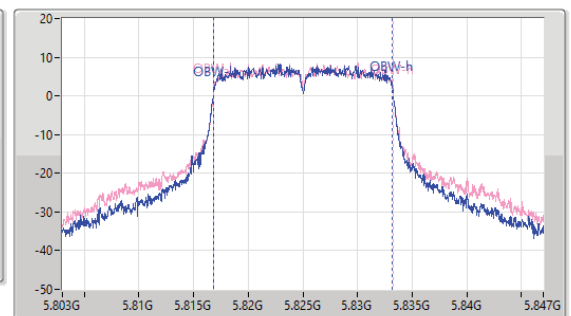
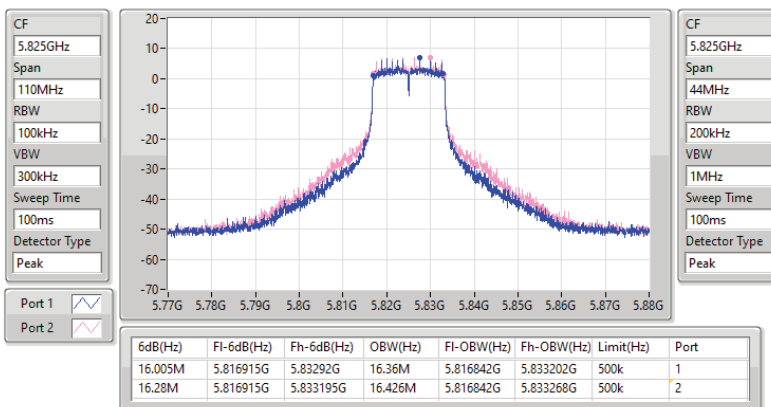


5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

EBW

5825MHz

13/01/2023

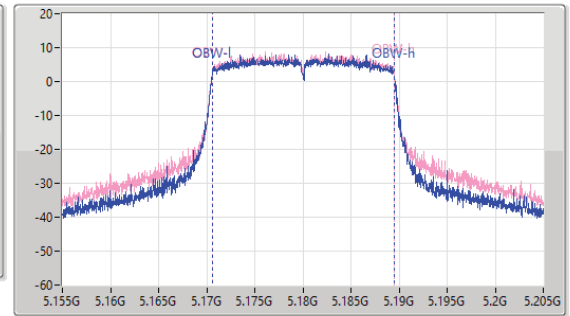
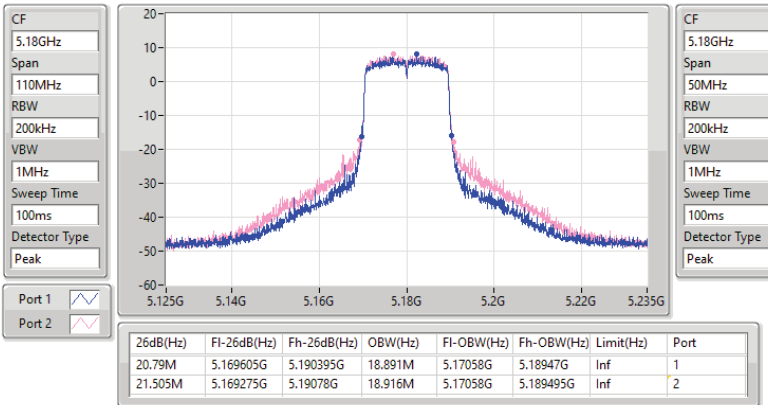


5.15-5.25GHz\_802.11ax\_HEW20\_Nss1,(MCS0)\_2TX

EBW

5180MHz

13/01/2023

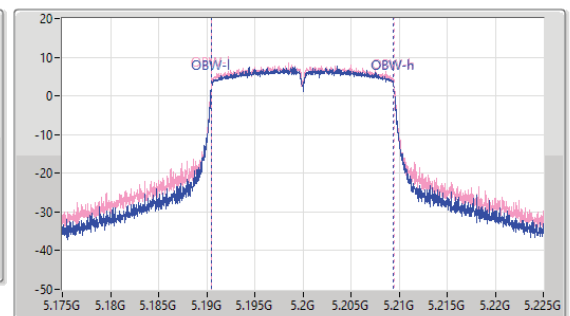
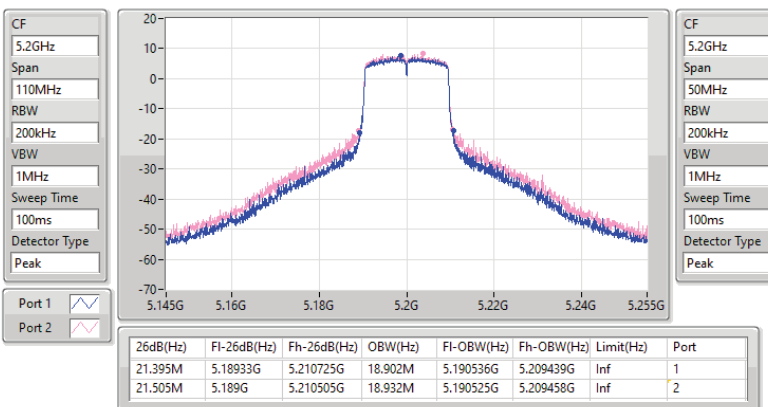


5.15-5.25GHz\_802.11ax\_HEW20\_Nss1,(MCS0)\_2TX

EBW

5200MHz

24/04/2023

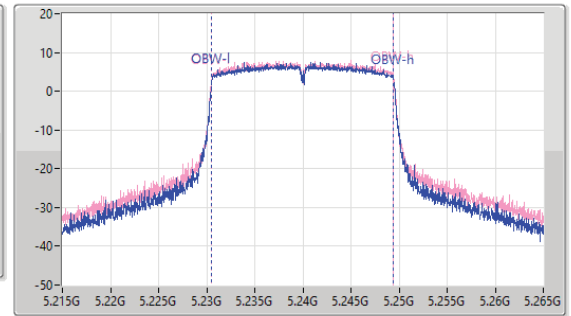
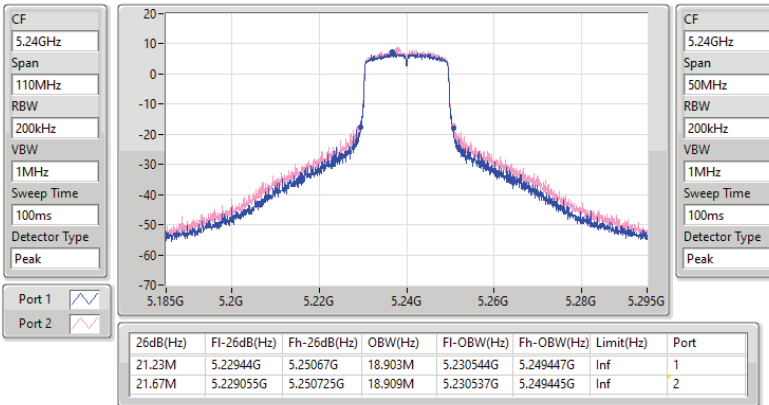


5.15-5.25GHz\_802.11ax\_HEW20\_Nss1,(MCS0)\_2TX

EBW

5240MHz

24/04/2023

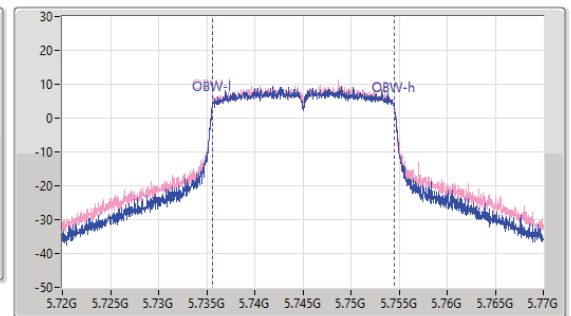
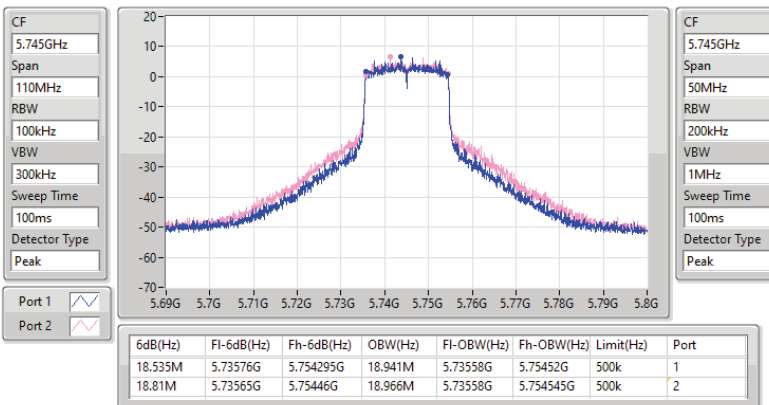


5.725-5.85GHz\_802.11ax\_HEW20\_Nss1,(MCS0)\_2TX

EBW

5745MHz

13/01/2023



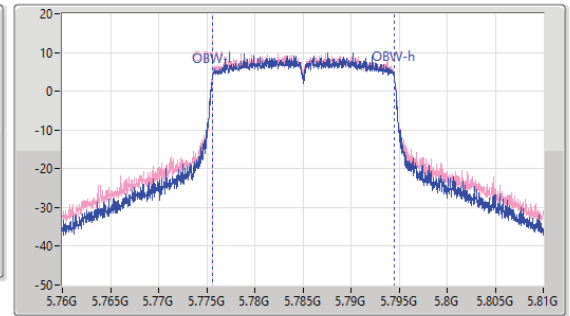
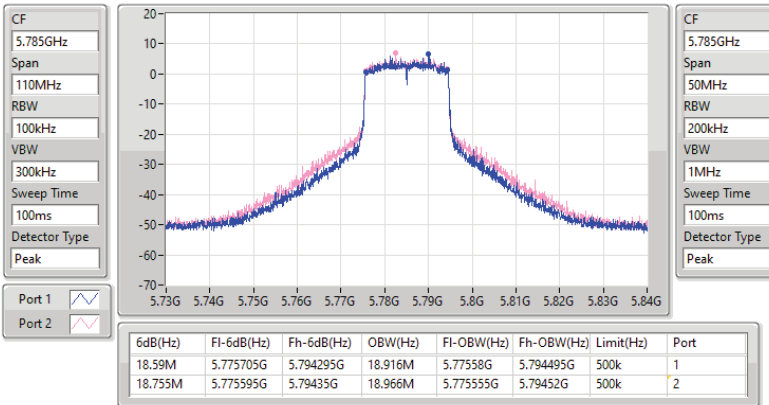


5.725-5.85GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

EBW

5785MHz

13/01/2023

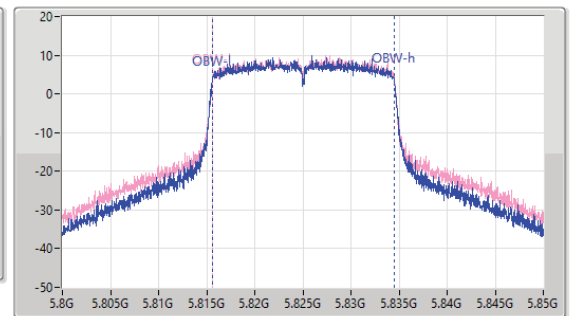
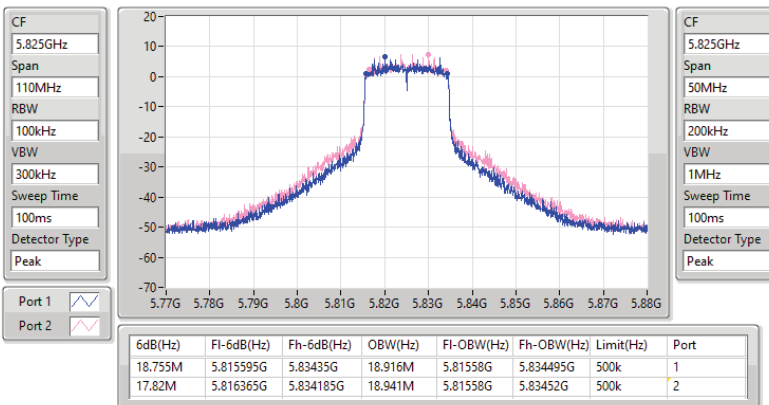


5.725-5.85GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

EBW

5825MHz

13/01/2023



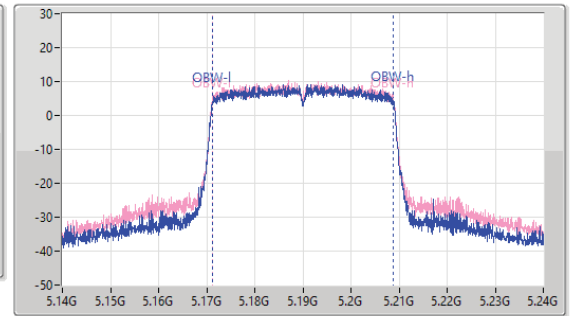
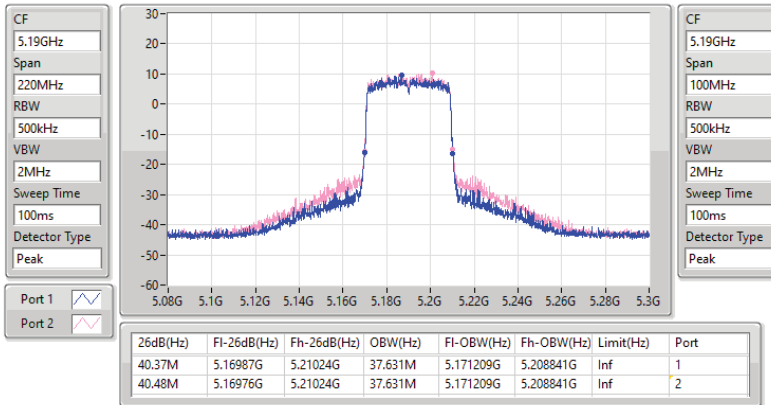


5.15-5.25GHz\_802.11ax HEW40\_Nss1,(MCS0)\_2TX

EBW

5190MHz

13/01/2023

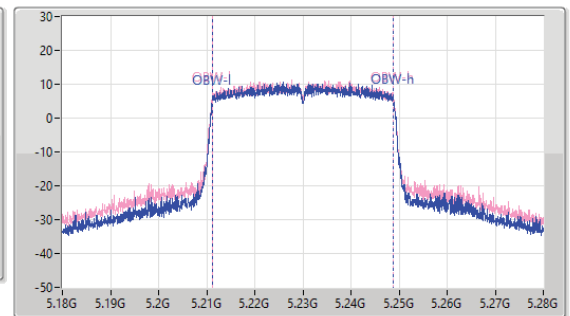
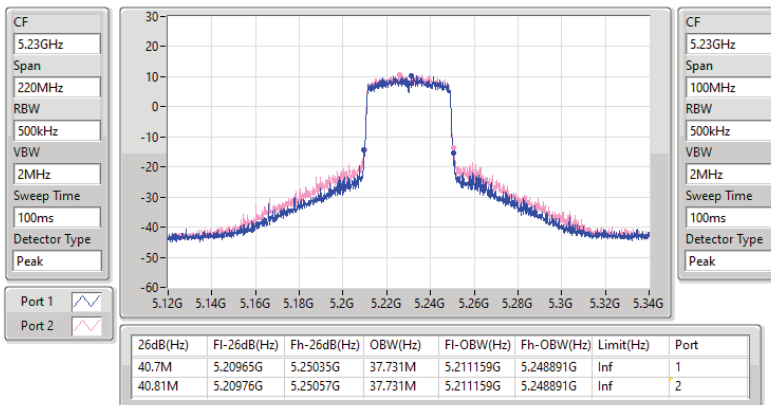


5.15-5.25GHz\_802.11ax HEW40\_Nss1,(MCS0)\_2TX

EBW

5230MHz

13/01/2023

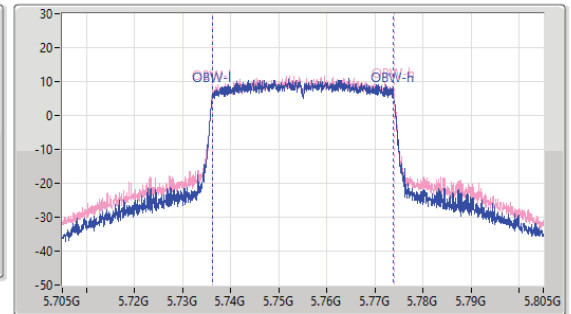
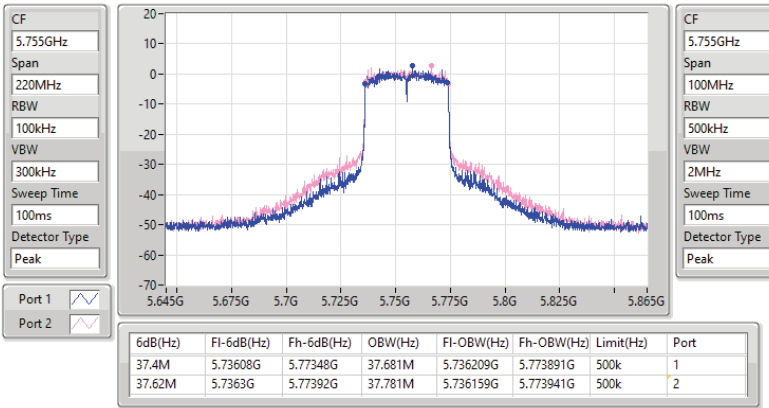


5.725-5.85GHz\_802.11ax HEW40\_Nss1,(MCS0)\_2TX

EBW

5755MHz

13/01/2023

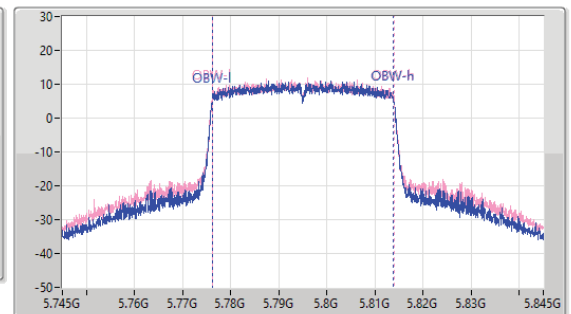
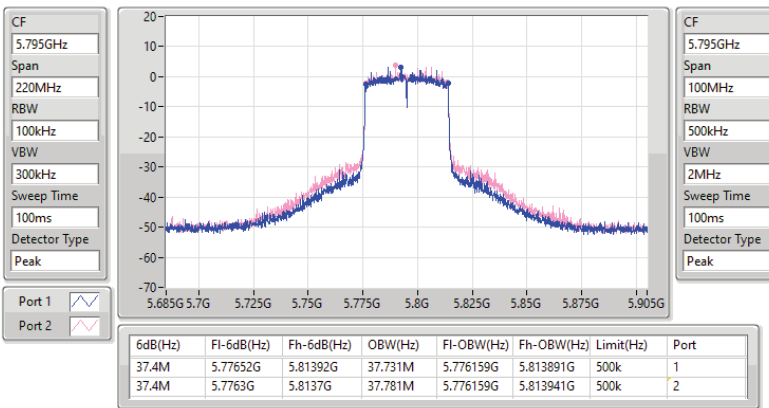


5.725-5.85GHz\_802.11ax HEW40\_Nss1,(MCS0)\_2TX

EBW

5795MHz

13/01/2023

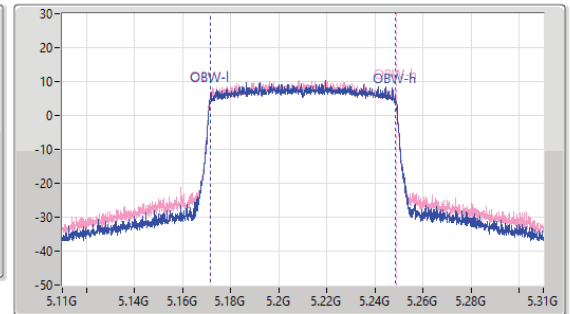
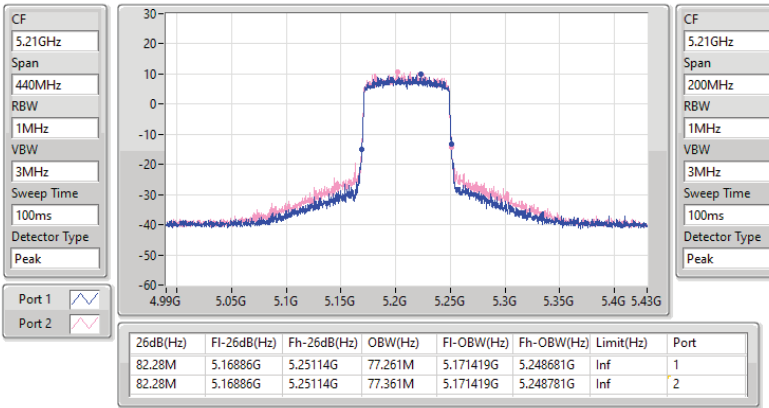


5.15-5.25GHz\_802.11ax\_HEW80\_Nss1,(MCS0)\_2TX

EBW

5210MHz

13/01/2023

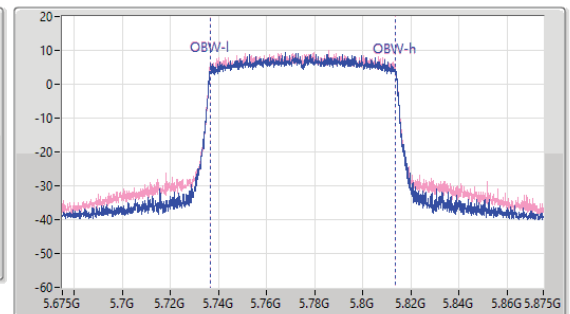
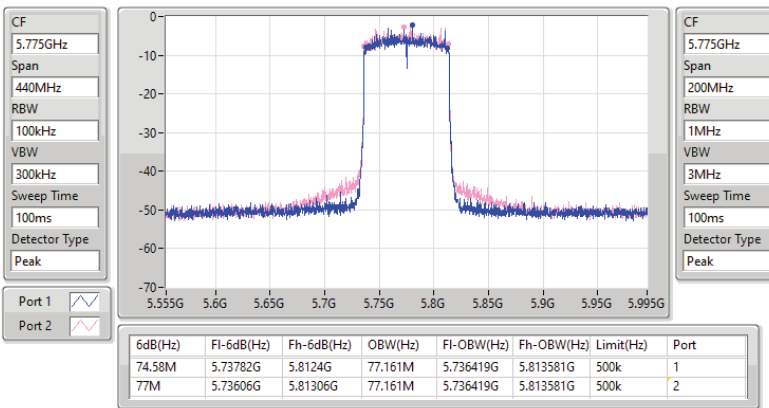


5.725-5.85GHz\_802.11ax\_HEW80\_Nss1,(MCS0)\_2TX

EBW

5775MHz

13/01/2023



**Summary**

| Mode                           | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|--------------------------------|----------------------|--------------------|---------------|-------------|
| 5.15-5.25GHz                   | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_2TX       | 21.08                | 0.12823            | 25.37         | 0.34435     |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | 20.71                | 0.11776            | 25.00         | 0.31623     |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | 21.29                | 0.13459            | 25.58         | 0.36141     |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | 20.46                | 0.11117            | 24.75         | 0.29854     |
| 5.725-5.85GHz                  | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_2TX       | 21.27                | 0.13397            | 25.56         | 0.35975     |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | 20.91                | 0.12331            | 25.20         | 0.33113     |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | 21.53                | 0.14223            | 25.82         | 0.38194     |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | 20.84                | 0.12134            | 25.13         | 0.32584     |



## Average Power\_Non-Beamforming\_C-330\_Radio 0

## Appendix C.1

### Result

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|--------------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11a_Nss1,(6Mbps)_2TX       | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 4.29        | 18.09           | 17.97           | 21.04                | 30.00                | 25.33         | 36.00               |
| 5200MHz                        | Pass   | 4.29        | 18.14           | 17.97           | 21.07                | 30.00                | 25.36         | 36.00               |
| 5240MHz                        | Pass   | 4.29        | 18.18           | 17.96           | 21.08                | 30.00                | 25.37         | 36.00               |
| 5745MHz                        | Pass   | 4.29        | 18.39           | 18.05           | 21.23                | 30.00                | 25.52         | 36.00               |
| 5785MHz                        | Pass   | 4.29        | 18.14           | 18.19           | 21.18                | 30.00                | 25.47         | 36.00               |
| 5825MHz                        | Pass   | 4.29        | 18.16           | 18.35           | 21.27                | 30.00                | 25.56         | 36.00               |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 4.29        | 17.68           | 17.64           | 20.67                | 30.00                | 24.96         | 36.00               |
| 5200MHz                        | Pass   | 4.29        | 17.77           | 17.54           | 20.67                | 30.00                | 24.96         | 36.00               |
| 5240MHz                        | Pass   | 4.29        | 17.67           | 17.73           | 20.71                | 30.00                | 25.00         | 36.00               |
| 5745MHz                        | Pass   | 4.29        | 17.96           | 17.57           | 20.78                | 30.00                | 25.07         | 36.00               |
| 5785MHz                        | Pass   | 4.29        | 17.73           | 17.76           | 20.76                | 30.00                | 25.05         | 36.00               |
| 5825MHz                        | Pass   | 4.29        | 17.75           | 18.04           | 20.91                | 30.00                | 25.20         | 36.00               |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                        | Pass   | 4.29        | 18.25           | 18.05           | 21.16                | 30.00                | 25.45         | 36.00               |
| 5230MHz                        | Pass   | 4.29        | 18.40           | 18.15           | 21.29                | 30.00                | 25.58         | 36.00               |
| 5755MHz                        | Pass   | 4.29        | 18.44           | 18.21           | 21.34                | 30.00                | 25.63         | 36.00               |
| 5795MHz                        | Pass   | 4.29        | 18.43           | 18.61           | 21.53                | 30.00                | 25.82         | 36.00               |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                        | Pass   | 4.29        | 17.33           | 17.57           | 20.46                | 30.00                | 24.75         | 36.00               |
| 5775MHz                        | Pass   | 4.29        | 17.70           | 17.96           | 20.84                | 30.00                | 25.13         | 36.00               |

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

**Summary**

| Mode                           | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|--------------------------------|----------------------|--------------------|---------------|-------------|
| 5.15-5.25GHz                   | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_2TX       | 20.32                | 0.10765            | 26.72         | 0.46989     |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | 20.59                | 0.11455            | 26.99         | 0.50003     |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | 20.60                | 0.11482            | 27.00         | 0.50119     |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | 18.30                | 0.06761            | 24.70         | 0.29512     |
| 5.725-5.85GHz                  | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_2TX       | 21.39                | 0.13772            | 27.79         | 0.60117     |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | 21.73                | 0.14894            | 28.13         | 0.65013     |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | 20.95                | 0.12445            | 27.35         | 0.54325     |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | 20.84                | 0.12134            | 27.24         | 0.52966     |

**Result**

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|--------------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11a_Nss1,(6Mbps)_2TX       | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 6.40        | 16.78           | 17.28           | 20.05                | 23.58                | 26.45         | 30.00               |
| 5200MHz                        | Pass   | 6.40        | 17.13           | 17.49           | 20.32                | 23.58                | 26.72         | 30.00               |
| 5240MHz                        | Pass   | 6.40        | 17.10           | 17.39           | 20.26                | 23.58                | 26.66         | 30.00               |
| 5745MHz                        | Pass   | 6.40        | 18.21           | 18.55           | 21.39                | 29.60                | 27.79         | 36.00               |
| 5785MHz                        | Pass   | 6.40        | 18.11           | 18.40           | 21.27                | 29.60                | 27.67         | 36.00               |
| 5825MHz                        | Pass   | 6.40        | 17.94           | 18.38           | 21.18                | 29.60                | 27.58         | 36.00               |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 6.40        | 17.15           | 17.45           | 20.31                | 23.58                | 26.71         | 30.00               |
| 5200MHz                        | Pass   | 6.40        | 17.40           | 17.76           | 20.59                | 23.58                | 26.99         | 30.00               |
| 5240MHz                        | Pass   | 6.40        | 17.37           | 17.70           | 20.55                | 23.58                | 26.95         | 30.00               |
| 5745MHz                        | Pass   | 6.40        | 18.55           | 18.88           | 21.73                | 29.60                | 28.13         | 36.00               |
| 5785MHz                        | Pass   | 6.40        | 18.45           | 18.73           | 21.60                | 29.60                | 28.00         | 36.00               |
| 5825MHz                        | Pass   | 6.40        | 18.35           | 18.65           | 21.51                | 29.60                | 27.91         | 36.00               |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                        | Pass   | 6.40        | 15.42           | 15.92           | 18.69                | 23.58                | 25.09         | 30.00               |
| 5230MHz                        | Pass   | 6.40        | 17.25           | 17.91           | 20.60                | 23.58                | 27.00         | 30.00               |
| 5755MHz                        | Pass   | 6.40        | 17.76           | 18.11           | 20.95                | 29.60                | 27.35         | 36.00               |
| 5795MHz                        | Pass   | 6.40        | 17.65           | 18.07           | 20.88                | 29.60                | 27.28         | 36.00               |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                        | Pass   | 6.40        | 15.07           | 15.49           | 18.30                | 23.58                | 24.70         | 30.00               |
| 5775MHz                        | Pass   | 6.40        | 17.63           | 18.03           | 20.84                | 29.60                | 27.24         | 36.00               |

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

**Summary**

| Mode                           | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|--------------------------------|----------------------|--------------------|---------------|-------------|
| 5.15-5.25GHz                   | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_2TX       | 21.35                | 0.13646            | 27.25         | 0.53088     |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | 20.80                | 0.12023            | 26.70         | 0.46774     |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | 21.38                | 0.13740            | 27.28         | 0.53456     |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | 21.06                | 0.12764            | 26.96         | 0.49659     |
| 5.725-5.85GHz                  | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_2TX       | 21.25                | 0.13335            | 27.15         | 0.51880     |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | 20.85                | 0.12162            | 26.75         | 0.47315     |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | 21.49                | 0.14093            | 27.39         | 0.54828     |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | 20.92                | 0.12359            | 26.82         | 0.48084     |

**Result**

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|--------------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11a_Nss1,(6Mbps)_2TX       | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 5.90        | 18.36           | 18.18           | 21.28                | 30.00                | 27.18         | 36.00               |
| 5200MHz                        | Pass   | 5.90        | 18.55           | 18.12           | 21.35                | 30.00                | 27.25         | 36.00               |
| 5240MHz                        | Pass   | 5.90        | 18.51           | 18.04           | 21.29                | 30.00                | 27.19         | 36.00               |
| 5745MHz                        | Pass   | 5.90        | 18.39           | 18.08           | 21.25                | 30.00                | 27.15         | 36.00               |
| 5785MHz                        | Pass   | 5.90        | 18.11           | 18.01           | 21.07                | 30.00                | 26.97         | 36.00               |
| 5825MHz                        | Pass   | 5.90        | 18.14           | 18.29           | 21.23                | 30.00                | 27.13         | 36.00               |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 5.90        | 17.95           | 17.63           | 20.80                | 30.00                | 26.70         | 36.00               |
| 5200MHz                        | Pass   | 5.90        | 17.89           | 17.54           | 20.73                | 30.00                | 26.63         | 36.00               |
| 5240MHz                        | Pass   | 5.90        | 17.75           | 17.65           | 20.71                | 30.00                | 26.61         | 36.00               |
| 5745MHz                        | Pass   | 5.90        | 17.92           | 17.50           | 20.73                | 30.00                | 26.63         | 36.00               |
| 5785MHz                        | Pass   | 5.90        | 17.46           | 17.62           | 20.55                | 30.00                | 26.45         | 36.00               |
| 5825MHz                        | Pass   | 5.90        | 17.73           | 17.94           | 20.85                | 30.00                | 26.75         | 36.00               |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                        | Pass   | 5.90        | 18.38           | 18.31           | 21.36                | 30.00                | 27.26         | 36.00               |
| 5230MHz                        | Pass   | 5.90        | 18.48           | 18.25           | 21.38                | 30.00                | 27.28         | 36.00               |
| 5755MHz                        | Pass   | 5.90        | 18.47           | 18.26           | 21.38                | 30.00                | 27.28         | 36.00               |
| 5795MHz                        | Pass   | 5.90        | 18.44           | 18.52           | 21.49                | 30.00                | 27.39         | 36.00               |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                        | Pass   | 5.90        | 18.00           | 18.09           | 21.06                | 30.00                | 26.96         | 36.00               |
| 5775MHz                        | Pass   | 5.90        | 17.86           | 17.95           | 20.92                | 30.00                | 26.82         | 36.00               |

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

**Summary**

| Mode                           | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|--------------------------------|----------------------|--------------------|---------------|-------------|
| 5.15-5.25GHz                   | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_2TX       | 20.42                | 0.11015            | 27.02         | 0.50350     |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | 20.65                | 0.11614            | 27.25         | 0.53088     |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | 20.43                | 0.11041            | 27.03         | 0.50466     |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | 19.17                | 0.08260            | 25.77         | 0.37757     |
| 5.725-5.85GHz                  | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_2TX       | 21.16                | 0.13062            | 27.76         | 0.59704     |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | 21.45                | 0.13964            | 28.05         | 0.63826     |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | 20.69                | 0.11722            | 27.29         | 0.53580     |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | 18.27                | 0.06714            | 24.87         | 0.30690     |

**Result**

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|--------------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11a_Nss1,(6Mbps)_2TX       | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 6.60        | 16.81           | 17.44           | 20.15                | 23.38                | 26.75         | 30.00               |
| 5200MHz                        | Pass   | 6.60        | 17.07           | 17.73           | 20.42                | 23.38                | 27.02         | 30.00               |
| 5240MHz                        | Pass   | 6.60        | 17.08           | 17.67           | 20.40                | 23.38                | 27.00         | 30.00               |
| 5745MHz                        | Pass   | 6.60        | 17.79           | 18.42           | 21.13                | 29.40                | 27.73         | 36.00               |
| 5785MHz                        | Pass   | 6.60        | 17.88           | 18.41           | 21.16                | 29.40                | 27.76         | 36.00               |
| 5825MHz                        | Pass   | 6.60        | 17.87           | 18.23           | 21.06                | 29.40                | 27.66         | 36.00               |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                        | Pass   | 6.60        | 16.90           | 17.48           | 20.21                | 23.38                | 26.81         | 30.00               |
| 5200MHz                        | Pass   | 6.60        | 17.33           | 17.93           | 20.65                | 23.38                | 27.25         | 30.00               |
| 5240MHz                        | Pass   | 6.60        | 17.31           | 17.93           | 20.64                | 23.38                | 27.24         | 30.00               |
| 5745MHz                        | Pass   | 6.60        | 18.08           | 18.69           | 21.41                | 29.40                | 28.01         | 36.00               |
| 5785MHz                        | Pass   | 6.60        | 18.16           | 18.70           | 21.45                | 29.40                | 28.05         | 36.00               |
| 5825MHz                        | Pass   | 6.60        | 18.15           | 18.51           | 21.34                | 29.40                | 27.94         | 36.00               |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                        | Pass   | 6.60        | 16.17           | 16.78           | 19.50                | 23.38                | 26.10         | 30.00               |
| 5230MHz                        | Pass   | 6.60        | 17.12           | 17.70           | 20.43                | 23.38                | 27.03         | 30.00               |
| 5755MHz                        | Pass   | 6.60        | 17.39           | 17.96           | 20.69                | 29.40                | 27.29         | 36.00               |
| 5795MHz                        | Pass   | 6.60        | 17.36           | 17.78           | 20.59                | 29.40                | 27.19         | 36.00               |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                        | Pass   | 6.60        | 15.87           | 16.44           | 19.17                | 23.38                | 25.77         | 30.00               |
| 5775MHz                        | Pass   | 6.60        | 15.00           | 15.51           | 18.27                | 29.40                | 24.87         | 36.00               |

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



Summary

| Mode                              | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|-----------------------------------|----------------------|--------------------|---------------|-------------|
| 5.15-5.25GHz                      | -                    | -                  | -             | -           |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 20.57                | 0.11402            | 25.07         | 0.32137     |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 21.17                | 0.13092            | 25.67         | 0.36898     |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 20.34                | 0.10814            | 24.84         | 0.30479     |
| 5.725-5.85GHz                     | -                    | -                  | -             | -           |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 20.81                | 0.12050            | 25.53         | 0.35727     |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 21.40                | 0.13804            | 26.12         | 0.40926     |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 20.72                | 0.11803            | 25.44         | 0.34995     |



## Average Power\_Beamforming\_C-330\_Radio 0

## Appendix C.5

### Result

| Mode                              | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|-----------------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                           | Pass   | 4.50        | 17.53           | 17.5            | 20.53                | 30.00                | 25.03         | 36.00               |
| 5200MHz                           | Pass   | 4.50        | 17.64           | 17.43           | 20.55                | 30.00                | 25.05         | 36.00               |
| 5240MHz                           | Pass   | 4.50        | 17.54           | 17.58           | 20.57                | 30.00                | 25.07         | 36.00               |
| 5745MHz                           | Pass   | 4.72        | 17.86           | 17.45           | 20.67                | 30.00                | 25.39         | 36.00               |
| 5785MHz                           | Pass   | 4.72        | 17.59           | 17.64           | 20.63                | 30.00                | 25.35         | 36.00               |
| 5825MHz                           | Pass   | 4.72        | 17.65           | 17.94           | 20.81                | 30.00                | 25.53         | 36.00               |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                           | Pass   | 4.50        | 18.15           | 17.92           | 21.05                | 30.00                | 25.55         | 36.00               |
| 5230MHz                           | Pass   | 4.50        | 18.3            | 18.01           | 21.17                | 30.00                | 25.67         | 36.00               |
| 5755MHz                           | Pass   | 4.72        | 18.34           | 18.06           | 21.21                | 30.00                | 25.93         | 36.00               |
| 5795MHz                           | Pass   | 4.72        | 18.32           | 18.46           | 21.40                | 30.00                | 26.12         | 36.00               |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                           | Pass   | 4.50        | 17.22           | 17.43           | 20.34                | 30.00                | 24.84         | 36.00               |
| 5775MHz                           | Pass   | 4.72        | 17.6            | 17.81           | 20.72                | 30.00                | 25.44         | 36.00               |

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

**Summary**

| Mode                              | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|-----------------------------------|----------------------|--------------------|---------------|-------------|
| 5.15-5.25GHz                      | -                    | -                  | -             | -           |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 19.97                | 0.09931            | 29.38         | 0.86696     |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 20.08                | 0.10186            | 29.49         | 0.88920     |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 18.20                | 0.06607            | 27.61         | 0.57677     |
| 5.725-5.85GHz                     | -                    | -                  | -             | -           |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 21.69                | 0.14757            | 31.10         | 1.28825     |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 20.94                | 0.12417            | 30.35         | 1.08393     |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 20.74                | 0.11858            | 30.15         | 1.03514     |

**Result**

| Mode                              | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|-----------------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                           | Pass   | 9.41        | 16.60           | 16.90           | 19.76                | 20.57                | 29.17         | 30.00               |
| 5200MHz                           | Pass   | 9.41        | 16.75           | 17.16           | 19.97                | 20.57                | 29.38         | 30.00               |
| 5240MHz                           | Pass   | 9.41        | 16.74           | 17.07           | 19.92                | 20.57                | 29.33         | 30.00               |
| 5745MHz                           | Pass   | 9.41        | 18.51           | 18.84           | 21.69                | 26.59                | 31.10         | 36.00               |
| 5785MHz                           | Pass   | 9.41        | 18.36           | 18.64           | 21.51                | 26.59                | 30.92         | 36.00               |
| 5825MHz                           | Pass   | 9.41        | 18.25           | 18.55           | 21.41                | 26.59                | 30.82         | 36.00               |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                           | Pass   | 9.41        | 15.35           | 15.85           | 18.62                | 20.57                | 28.03         | 30.00               |
| 5230MHz                           | Pass   | 9.41        | 16.73           | 17.38           | 20.08                | 20.57                | 29.49         | 30.00               |
| 5755MHz                           | Pass   | 9.41        | 17.75           | 18.10           | 20.94                | 26.59                | 30.35         | 36.00               |
| 5795MHz                           | Pass   | 9.41        | 17.62           | 18.04           | 20.85                | 26.59                | 30.26         | 36.00               |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                           | Pass   | 9.41        | 14.97           | 15.39           | 18.20                | 20.57                | 27.61         | 30.00               |
| 5775MHz                           | Pass   | 9.41        | 17.53           | 17.93           | 20.74                | 26.59                | 30.15         | 36.00               |

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



Summary

| Mode                              | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|-----------------------------------|----------------------|--------------------|---------------|-------------|
| 5.15-5.25GHz                      | -                    | -                  | -             | -           |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 20.68                | 0.11695            | 29.44         | 0.87902     |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 21.24                | 0.13305            | 30.00         | 1.00000     |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 20.94                | 0.12417            | 29.70         | 0.93325     |
| 5.725-5.85GHz                     | -                    | -                  | -             | -           |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 20.70                | 0.11749            | 29.46         | 0.88308     |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 21.37                | 0.13709            | 30.13         | 1.03039     |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 20.79                | 0.11995            | 29.55         | 0.90157     |



Result

| Mode                              | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|-----------------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                           | Pass   | 8.76        | 17.81           | 17.53           | 20.68                | 27.24                | 29.44         | 36.00               |
| 5200MHz                           | Pass   | 8.76        | 17.76           | 17.42           | 20.60                | 27.24                | 29.36         | 36.00               |
| 5240MHz                           | Pass   | 8.76        | 17.65           | 17.53           | 20.60                | 27.24                | 29.36         | 36.00               |
| 5745MHz                           | Pass   | 8.76        | 17.78           | 17.38           | 20.59                | 27.24                | 29.35         | 36.00               |
| 5785MHz                           | Pass   | 8.76        | 17.34           | 17.47           | 20.42                | 27.24                | 29.18         | 36.00               |
| 5825MHz                           | Pass   | 8.76        | 17.58           | 17.80           | 20.70                | 27.24                | 29.46         | 36.00               |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                           | Pass   | 8.76        | 18.24           | 18.20           | 21.23                | 27.24                | 29.99         | 36.00               |
| 5230MHz                           | Pass   | 8.76        | 18.36           | 18.10           | 21.24                | 27.24                | 30.00         | 36.00               |
| 5755MHz                           | Pass   | 8.76        | 18.34           | 18.14           | 21.25                | 27.24                | 30.01         | 36.00               |
| 5795MHz                           | Pass   | 8.76        | 18.32           | 18.40           | 21.37                | 27.24                | 30.13         | 36.00               |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                           | Pass   | 8.76        | 17.90           | 17.95           | 20.94                | 27.24                | 29.70         | 36.00               |
| 5775MHz                           | Pass   | 8.76        | 17.71           | 17.84           | 20.79                | 27.24                | 29.55         | 36.00               |

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

**Summary**

| Mode                              | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|-----------------------------------|----------------------|--------------------|---------------|-------------|
| 5.15-5.25GHz                      | -                    | -                  | -             | -           |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 20.32                | 0.10765            | 29.44         | 0.87902     |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 20.31                | 0.10740            | 29.43         | 0.87700     |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 19.03                | 0.07998            | 28.15         | 0.65313     |
| 5.725-5.85GHz                     | -                    | -                  | -             | -           |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | 21.31                | 0.13521            | 30.43         | 1.10408     |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | 20.59                | 0.11455            | 29.71         | 0.93541     |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | 18.16                | 0.06546            | 27.28         | 0.53456     |

**Result**

| Mode                              | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|-----------------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5180MHz                           | Pass   | 9.12        | 16.76           | 17.36           | 20.08                | 20.86                | 29.20         | 30.00               |
| 5200MHz                           | Pass   | 9.12        | 17.03           | 17.58           | 20.32                | 20.86                | 29.44         | 30.00               |
| 5240MHz                           | Pass   | 9.12        | 16.97           | 17.59           | 20.30                | 20.86                | 29.42         | 30.00               |
| 5745MHz                           | Pass   | 9.12        | 17.94           | 18.58           | 21.28                | 26.88                | 30.40         | 36.00               |
| 5785MHz                           | Pass   | 9.12        | 18.01           | 18.58           | 21.31                | 26.88                | 30.43         | 36.00               |
| 5825MHz                           | Pass   | 9.12        | 18.05           | 18.36           | 21.22                | 26.88                | 30.34         | 36.00               |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5190MHz                           | Pass   | 9.12        | 16.06           | 16.64           | 19.37                | 20.86                | 28.49         | 30.00               |
| 5230MHz                           | Pass   | 9.12        | 17.01           | 17.57           | 20.31                | 20.86                | 29.43         | 30.00               |
| 5755MHz                           | Pass   | 9.12        | 17.27           | 17.86           | 20.59                | 26.88                | 29.71         | 36.00               |
| 5795MHz                           | Pass   | 9.12        | 17.26           | 17.66           | 20.47                | 26.88                | 29.59         | 36.00               |
| 802.11ax HEW80-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5210MHz                           | Pass   | 9.12        | 15.74           | 16.29           | 19.03                | 20.86                | 28.15         | 30.00               |
| 5775MHz                           | Pass   | 9.12        | 14.9            | 15.38           | 18.16                | 26.88                | 27.28         | 36.00               |

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



Summary

| Mode                           | PD<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) |
|--------------------------------|-----------------|----------------------|
| 5.15-5.25GHz                   | -               | -                    |
| 802.11a_Nss1,(6Mbps)_2TX       | 8.11            | 12.61                |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | 7.14            | 11.64                |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | 4.90            | 9.40                 |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | 1.11            | 5.61                 |
| 5.725-5.85GHz                  | -               | -                    |
| 802.11a_Nss1,(6Mbps)_2TX       | 6.77            | 11.49                |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | 5.89            | 10.61                |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | 3.50            | 8.22                 |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | -0.12           | 4.60                 |

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



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) | EIRP PD<br>(dBm/RBW) | EIRP PD Limit<br>(dBm/RBW) |
|--------------------------------|--------|-------------|---------------------|---------------------|-----------------|-----------------------|----------------------|----------------------------|
| 802.11a_Nss1,(6Mbps)_2TX       | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5180MHz                        | Pass   | 4.50        | 5.04                | 5.02                | 8.01            | 17.00                 | 12.51                | 23.00                      |
| 5200MHz                        | Pass   | 4.50        | 5.09                | 5.24                | 8.11            | 17.00                 | 12.61                | 23.00                      |
| 5240MHz                        | Pass   | 4.50        | 5.04                | 5.10                | 7.99            | 17.00                 | 12.49                | 23.00                      |
| 5745MHz                        | Pass   | 4.72        | 3.73                | 3.51                | 6.48            | 30.00                 | 11.20                | 36.00                      |
| 5785MHz                        | Pass   | 4.72        | 3.51                | 3.78                | 6.53            | 30.00                 | 11.25                | 36.00                      |
| 5825MHz                        | Pass   | 4.72        | 3.78                | 3.95                | 6.77            | 30.00                 | 11.49                | 36.00                      |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5180MHz                        | Pass   | 4.50        | 3.96                | 4.19                | 7.01            | 17.00                 | 11.51                | 23.00                      |
| 5200MHz                        | Pass   | 4.50        | 4.11                | 4.08                | 7.09            | 17.00                 | 11.59                | 23.00                      |
| 5240MHz                        | Pass   | 4.50        | 4.14                | 4.20                | 7.14            | 17.00                 | 11.64                | 23.00                      |
| 5745MHz                        | Pass   | 4.72        | 2.85                | 2.57                | 5.63            | 30.00                 | 10.35                | 36.00                      |
| 5785MHz                        | Pass   | 4.72        | 2.62                | 2.88                | 5.60            | 30.00                 | 10.32                | 36.00                      |
| 5825MHz                        | Pass   | 4.72        | 2.71                | 3.28                | 5.89            | 30.00                 | 10.61                | 36.00                      |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5190MHz                        | Pass   | 4.50        | 1.89                | 1.92                | 4.90            | 17.00                 | 9.40                 | 23.00                      |
| 5230MHz                        | Pass   | 4.50        | 1.81                | 1.81                | 4.78            | 17.00                 | 9.28                 | 23.00                      |
| 5755MHz                        | Pass   | 4.72        | 0.32                | 0.41                | 3.25            | 30.00                 | 7.97                 | 36.00                      |
| 5795MHz                        | Pass   | 4.72        | 0.51                | 0.75                | 3.50            | 30.00                 | 8.22                 | 36.00                      |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5210MHz                        | Pass   | 4.50        | -2.09               | -1.69               | 1.11            | 17.00                 | 5.61                 | 23.00                      |
| 5775MHz                        | Pass   | 4.72        | -3.18               | -2.74               | -0.12           | 30.00                 | 4.60                 | 36.00                      |

DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;  
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

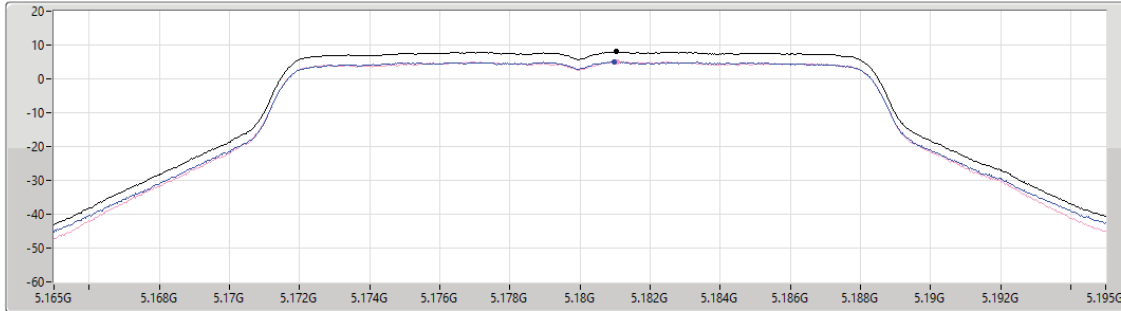
5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

PSD

5180MHz

05/01/2023

CF  
5.18GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 8.01      | 8.01      | 5.04      | 5.02      |

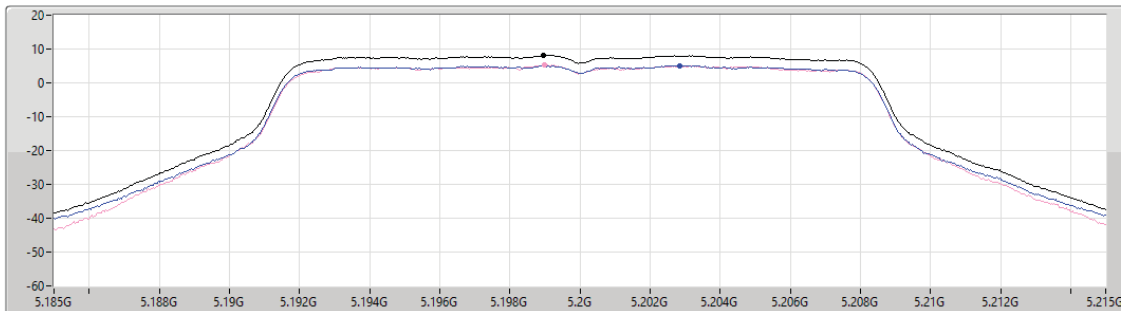
5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

PSD

5200MHz

05/01/2023

CF  
5.2GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 8.11      | 8.11      | 5.09      | 5.24      |

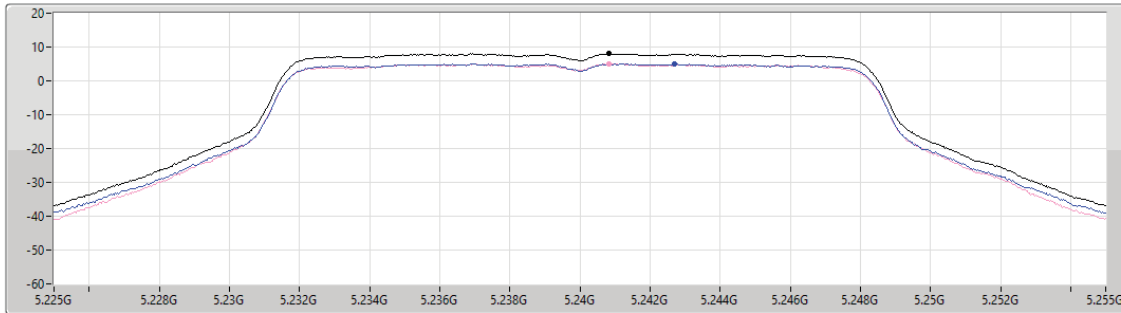
5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

PSD

5240MHz

05/01/2023

CF  
5.24GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 7.99      | 7.99      | 5.04      | 5.10      |

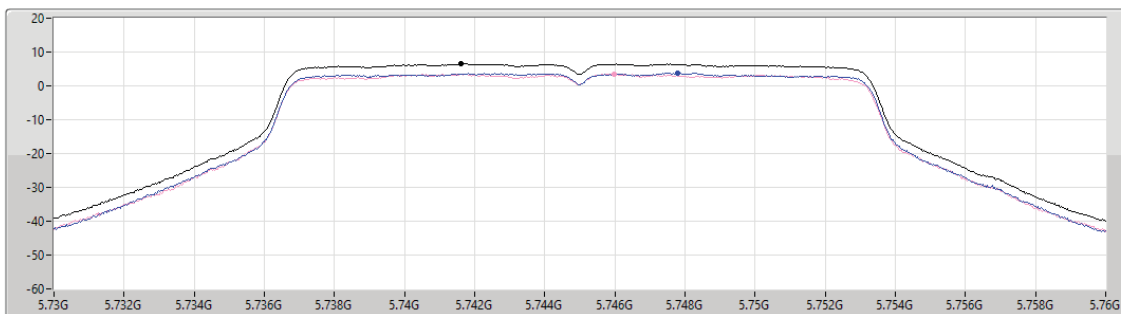
5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

PSD

5745MHz

05/01/2023

CF  
5.745GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 6.48      | 6.48      | 3.73      | 3.51      |

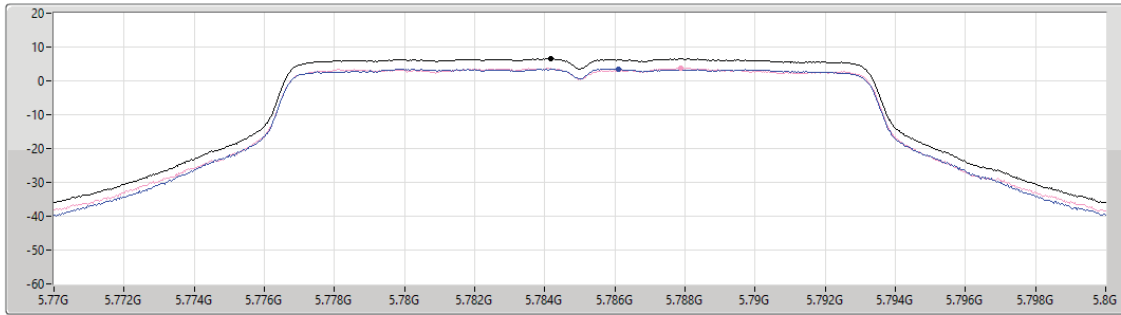
5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

PSD

5785MHz

05/01/2023

CF  
5.785GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

| Sum<br>(dBm/RBW) | PD<br>(dBm/RBW) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) |
|------------------|-----------------|---------------------|---------------------|
| 6.53             | 6.53            | 3.51                | 3.78                |

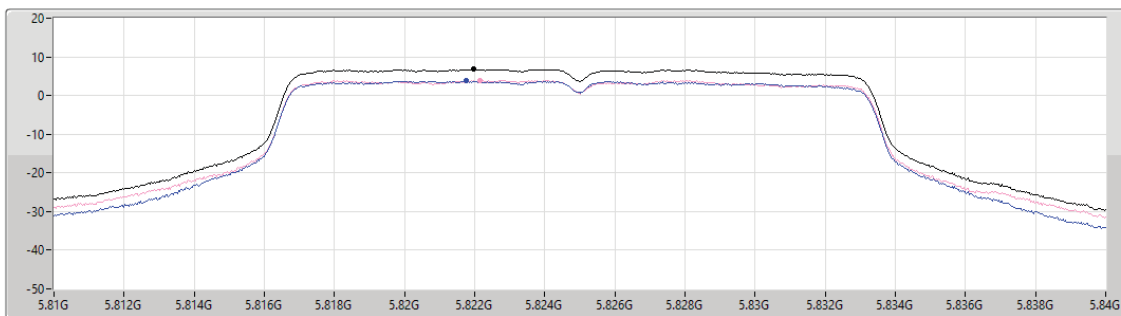
5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

PSD

5825MHz

05/01/2023

CF  
5.825GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

| Sum<br>(dBm/RBW) | PD<br>(dBm/RBW) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) |
|------------------|-----------------|---------------------|---------------------|
| 6.77             | 6.77            | 3.78                | 3.95                |

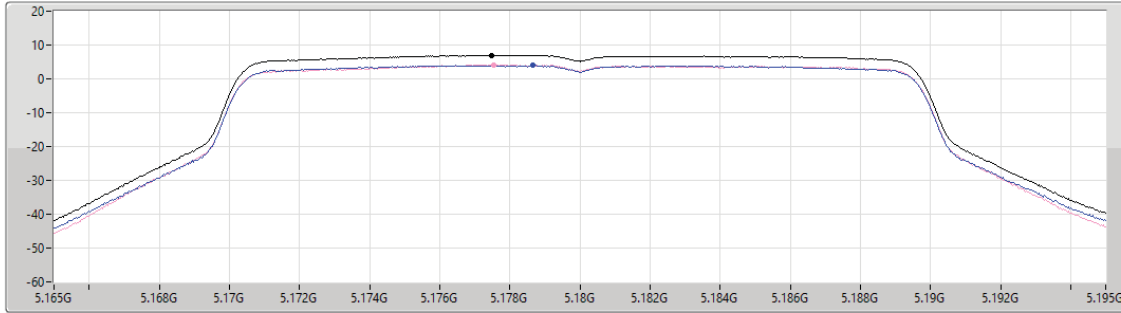
5.15-5.25GHz\_802.11ax\_HEW20\_Nss1,(MCS0)\_2TX

PSD

5180MHz

05/01/2023

CF  
5.18GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 7.01      | 7.01      | 3.96      | 4.19      |

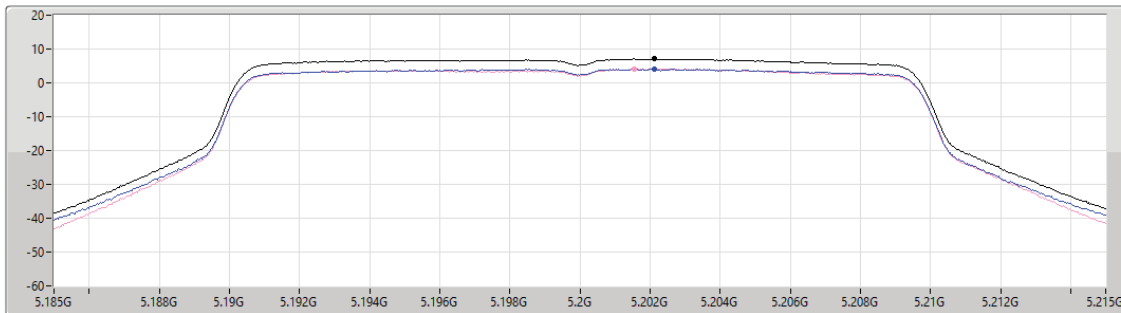
5.15-5.25GHz\_802.11ax\_HEW20\_Nss1,(MCS0)\_2TX

PSD

5200MHz

05/01/2023

CF  
5.2GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 7.09      | 7.09      | 4.11      | 4.08      |

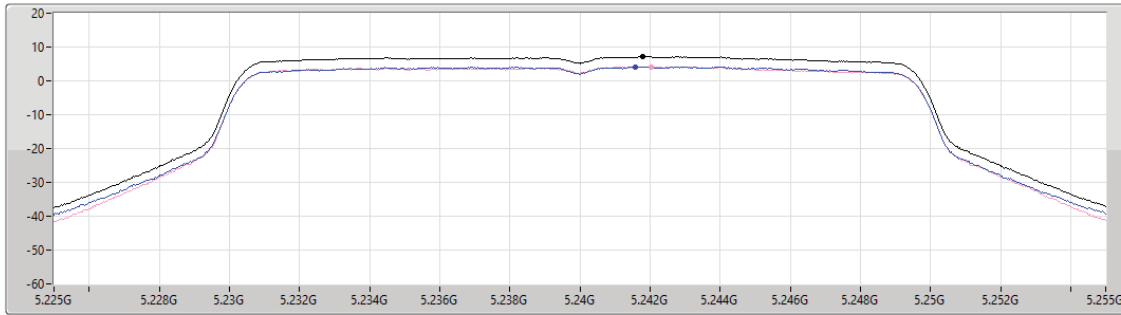
5.15-5.25GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

PSD

5240MHz

05/01/2023

CF  
5.24GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

| Sum<br>(dBm/Hz) | PD<br>(dBm/Hz) | Port 1<br>(dBm/Hz) | Port 2<br>(dBm/Hz) |
|-----------------|----------------|--------------------|--------------------|
| 7.14            | 7.14           | 4.14               | 4.20               |

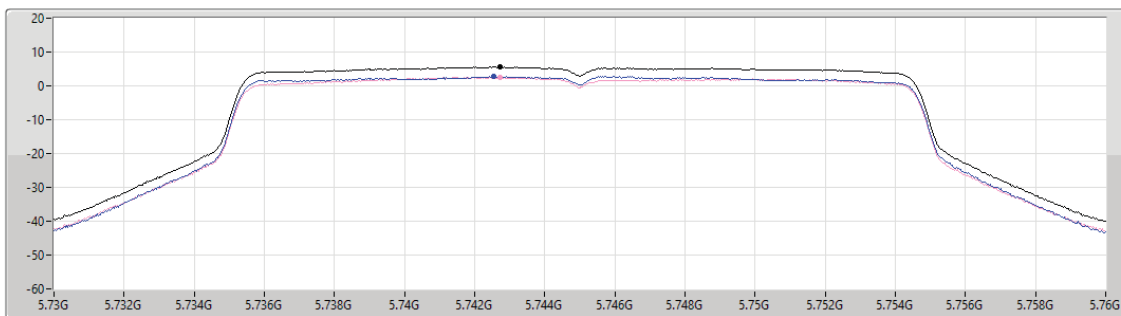
5.725-5.85GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

PSD

5745MHz

05/01/2023

CF  
5.745GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

| Sum<br>(dBm/Hz) | PD<br>(dBm/Hz) | Port 1<br>(dBm/Hz) | Port 2<br>(dBm/Hz) |
|-----------------|----------------|--------------------|--------------------|
| 5.63            | 5.63           | 2.85               | 2.57               |

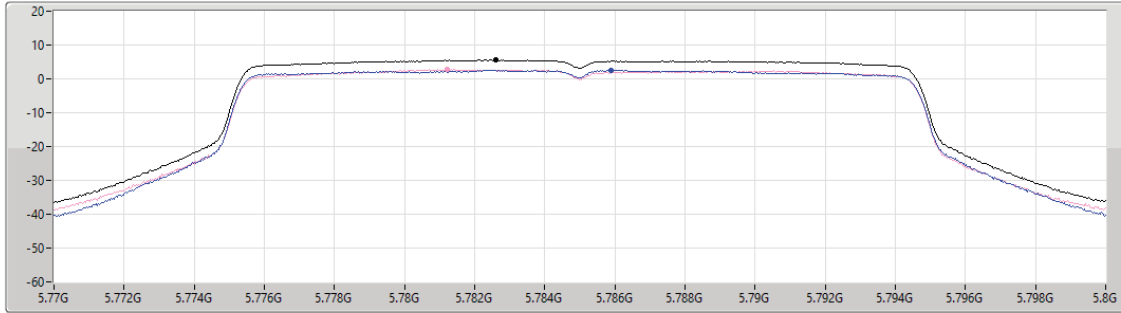
5.725-5.85GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

PSD

5785MHz

05/01/2023

CF  
5.785GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

| Sum<br>(dBm/RBW) | PD<br>(dBm/RBW) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) |
|------------------|-----------------|---------------------|---------------------|
| 5.60             | 5.60            | 2.62                | 2.88                |

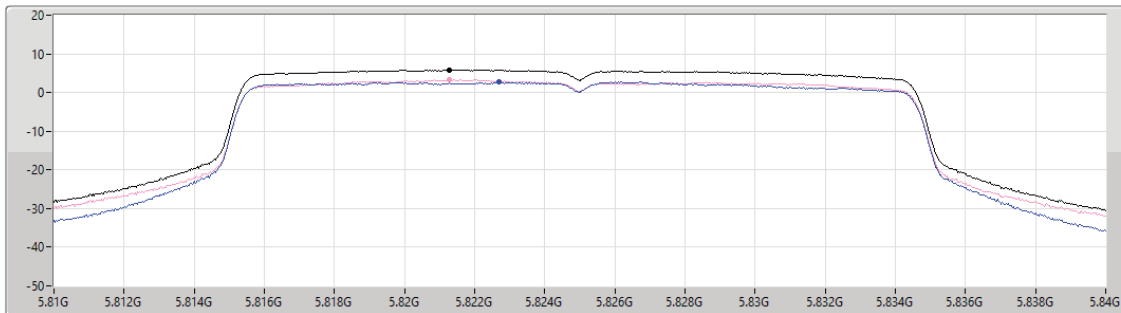
5.725-5.85GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

PSD

5825MHz

05/01/2023

CF  
5.825GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

| Sum<br>(dBm/RBW) | PD<br>(dBm/RBW) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) |
|------------------|-----------------|---------------------|---------------------|
| 5.89             | 5.89            | 2.71                | 3.28                |

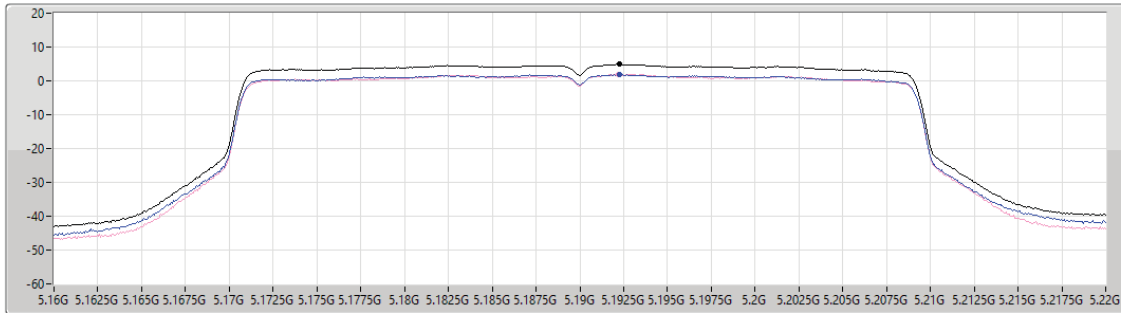
5.15-5.25GHz\_802.11ax HEW40\_Nss1,(MCS0)\_2TX

PSD

5190MHz

05/01/2023

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



Sum  
Port 1  
Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 4.90      | 4.90      | 1.89      | 1.92      |

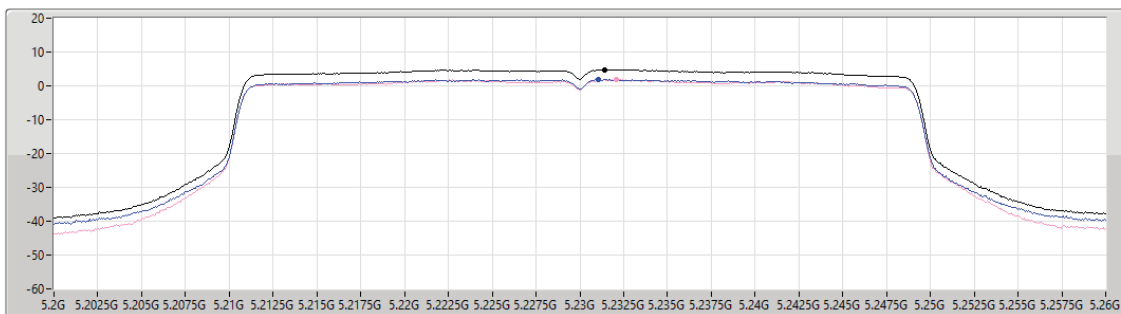
5.15-5.25GHz\_802.11ax HEW40\_Nss1,(MCS0)\_2TX

PSD

5230MHz

05/01/2023

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



Sum  
Port 1  
Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 4.78      | 4.78      | 1.81      | 1.81      |



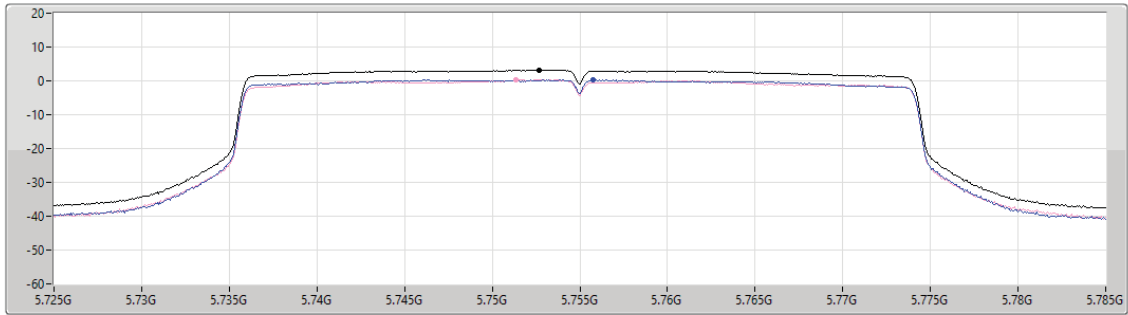
5.725-5.85GHz\_802.11ax HEW40\_Nss1,(MCS0)\_2TX

PSD

5755MHz

05/01/2023

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



Sum  
Port 1  
Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 3.25      | 3.25      | 0.32      | 0.41      |

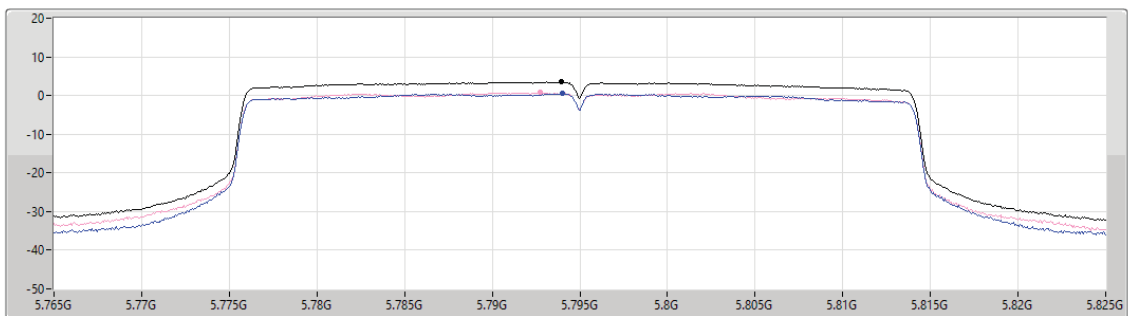
5.725-5.85GHz\_802.11ax HEW40\_Nss1,(MCS0)\_2TX

PSD

5795MHz

05/01/2023

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



Sum  
Port 1  
Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 3.50      | 3.50      | 0.51      | 0.75      |

5.15-5.25GHz\_802.11ax HEW80\_Nss1,(MCS0)\_2TX

PSD

5210MHz

05/01/2023

CF  
5.21GHz

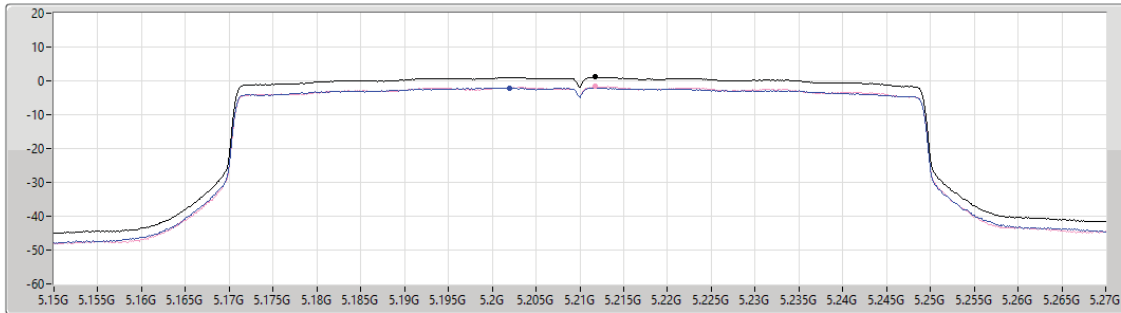
Span  
120MHz

RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

| Sum<br>(dBm/RBW) | PD<br>(dBm/RBW) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) |
|------------------|-----------------|---------------------|---------------------|
| 1.11             | 1.11            | -2.09               | -1.69               |

5.725-5.85GHz\_802.11ax HEW80\_Nss1,(MCS0)\_2TX

PSD

5775MHz

05/01/2023

CF  
5.775GHz

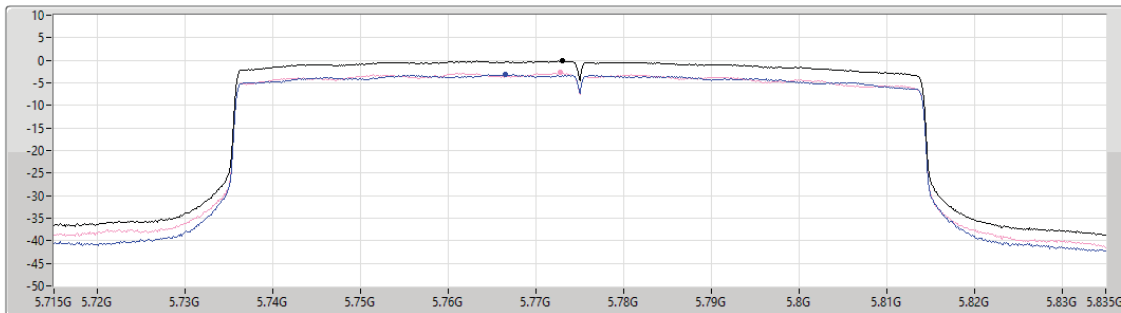
Span  
120MHz

RBW  
500kHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

| Sum<br>(dBm/RBW) | PD<br>(dBm/RBW) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) |
|------------------|-----------------|---------------------|---------------------|
| -0.12            | -0.12           | -3.18               | -2.74               |



Summary

| Mode                           | PD<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) |
|--------------------------------|-----------------|----------------------|
| 5.15-5.25GHz                   | -               | -                    |
| 802.11a_Nss1,(6Mbps)_2TX       | 7.55            | 16.96                |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | 7.52            | 16.93                |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | 4.25            | 13.66                |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | -1.23           | 8.18                 |
| 5.725-5.85GHz                  | -               | -                    |
| 802.11a_Nss1,(6Mbps)_2TX       | 6.79            | 16.20                |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | 6.50            | 15.91                |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | 2.93            | 12.34                |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | -0.16           | 9.25                 |

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



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) | EIRP PD<br>(dBm/RBW) | EIRP PD Limit<br>(dBm/RBW) |
|--------------------------------|--------|-------------|---------------------|---------------------|-----------------|-----------------------|----------------------|----------------------------|
| 802.11a_Nss1,(6Mbps)_2TX       | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5180MHz                        | Pass   | 9.41        | 4.13                | 4.66                | 7.35            | 7.59                  | 16.76                | 17.00                      |
| 5200MHz                        | Pass   | 9.41        | 4.39                | 4.83                | 7.55            | 7.59                  | 16.96                | 17.00                      |
| 5240MHz                        | Pass   | 9.41        | 4.39                | 4.69                | 7.52            | 7.59                  | 16.93                | 17.00                      |
| 5745MHz                        | Pass   | 9.41        | 3.60                | 4.03                | 6.72            | 26.59                 | 16.13                | 36.00                      |
| 5785MHz                        | Pass   | 9.41        | 3.59                | 3.88                | 6.73            | 26.59                 | 16.14                | 36.00                      |
| 5825MHz                        | Pass   | 9.41        | 3.66                | 4.02                | 6.79            | 26.59                 | 16.20                | 36.00                      |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5180MHz                        | Pass   | 9.41        | 3.55                | 4.01                | 6.77            | 7.59                  | 16.18                | 17.00                      |
| 5200MHz                        | Pass   | 9.41        | 4.34                | 4.84                | 7.52            | 7.59                  | 16.93                | 17.00                      |
| 5240MHz                        | Pass   | 9.41        | 4.35                | 4.57                | 7.37            | 7.59                  | 16.78                | 17.00                      |
| 5745MHz                        | Pass   | 9.41        | 3.43                | 3.61                | 6.45            | 26.59                 | 15.86                | 36.00                      |
| 5785MHz                        | Pass   | 9.41        | 3.38                | 3.62                | 6.44            | 26.59                 | 15.85                | 36.00                      |
| 5825MHz                        | Pass   | 9.41        | 3.39                | 3.74                | 6.50            | 26.59                 | 15.91                | 36.00                      |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5190MHz                        | Pass   | 9.41        | -0.96               | -0.47               | 2.20            | 7.59                  | 11.61                | 17.00                      |
| 5230MHz                        | Pass   | 9.41        | 1.11                | 1.48                | 4.25            | 7.59                  | 13.66                | 17.00                      |
| 5755MHz                        | Pass   | 9.41        | -0.19               | 0.11                | 2.91            | 26.59                 | 12.32                | 36.00                      |
| 5795MHz                        | Pass   | 9.41        | -0.17               | 0.07                | 2.93            | 26.59                 | 12.34                | 36.00                      |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5210MHz                        | Pass   | 9.41        | -4.53               | -3.91               | -1.23           | 7.59                  | 8.18                 | 17.00                      |
| 5775MHz                        | Pass   | 9.41        | -3.23               | -2.97               | -0.16           | 26.59                 | 9.25                 | 36.00                      |

DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;  
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;



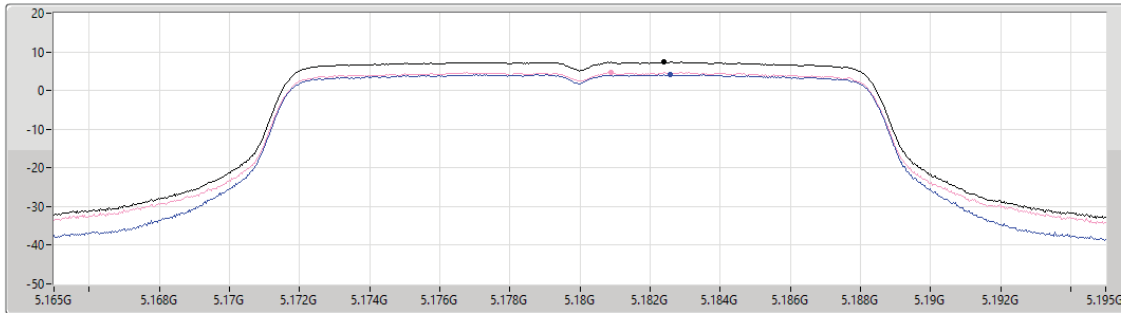
5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

PSD

5180MHz

24/04/2023

CF  
5.18GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

| Sum        | PD         | Port 1     | Port 2     |
|------------|------------|------------|------------|
| (dBm/1MHz) | (dBm/1MHz) | (dBm/1MHz) | (dBm/1MHz) |
| 7.35       | 7.35       | 4.13       | 4.66       |

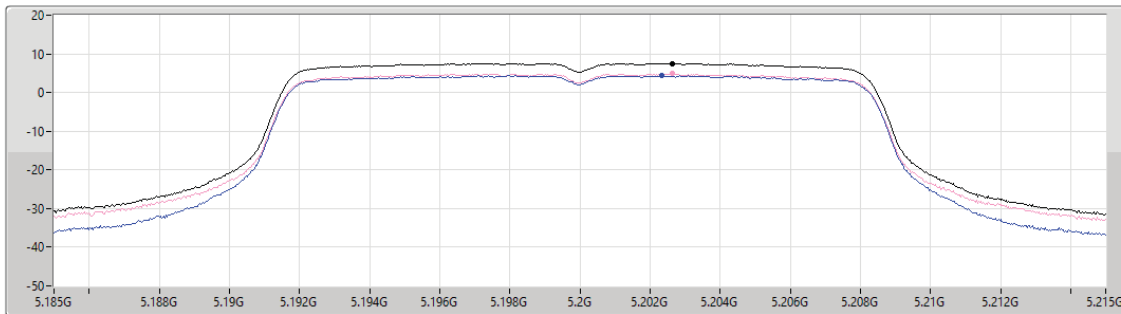
5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

PSD

5200MHz

24/04/2023

CF  
5.2GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

| Sum        | PD         | Port 1     | Port 2     |
|------------|------------|------------|------------|
| (dBm/1MHz) | (dBm/1MHz) | (dBm/1MHz) | (dBm/1MHz) |
| 7.55       | 7.55       | 4.39       | 4.83       |

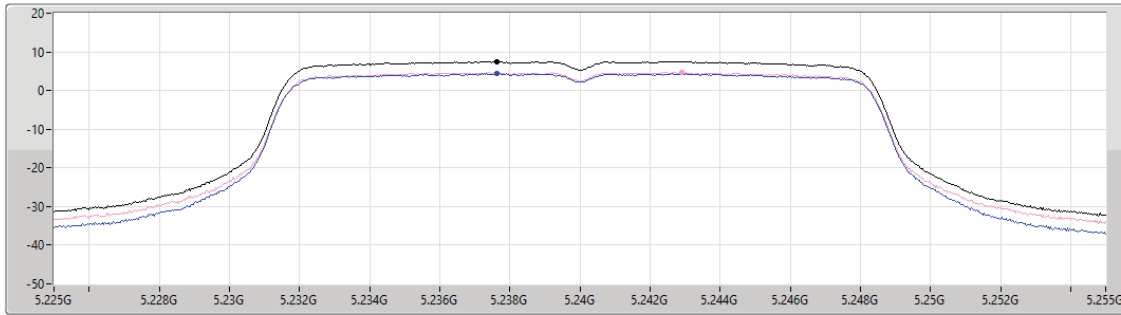
5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

PSD

5240MHz

24/04/2023

CF  
5.24GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

| Sum<br>(dBm/RBW) | PD<br>(dBm/RBW) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) |
|------------------|-----------------|---------------------|---------------------|
| 7.52             | 7.52            | 4.39                | 4.69                |

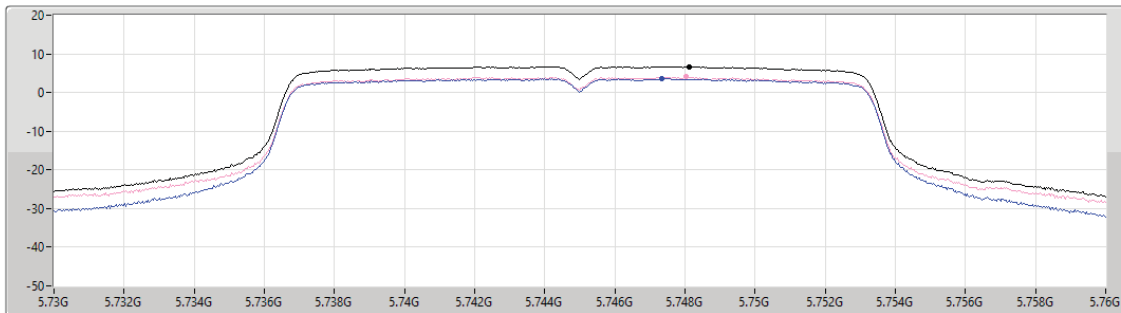
5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

PSD

5745MHz

05/01/2023

CF  
5.745GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

| Sum<br>(dBm/RBW) | PD<br>(dBm/RBW) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) |
|------------------|-----------------|---------------------|---------------------|
| 6.72             | 6.72            | 3.60                | 4.03                |

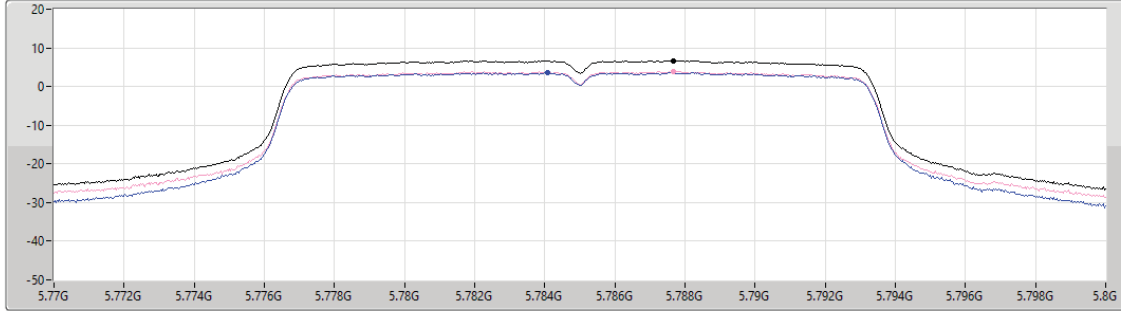
5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

PSD

5785MHz

05/01/2023

CF  
5.785GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

| Sum<br>(dBm/RBW) | PD<br>(dBm/RBW) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) |
|------------------|-----------------|---------------------|---------------------|
| 6.73             | 6.73            | 3.59                | 3.88                |

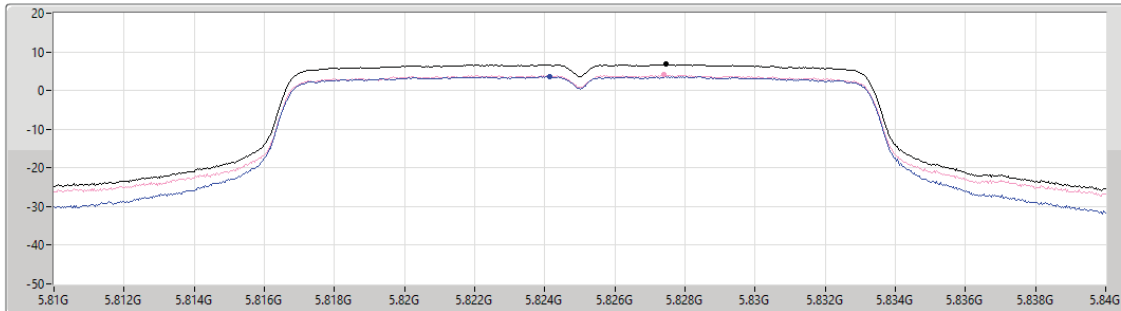
5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

PSD

5825MHz

05/01/2023

CF  
5.825GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

| Sum<br>(dBm/RBW) | PD<br>(dBm/RBW) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) |
|------------------|-----------------|---------------------|---------------------|
| 6.79             | 6.79            | 3.66                | 4.02                |



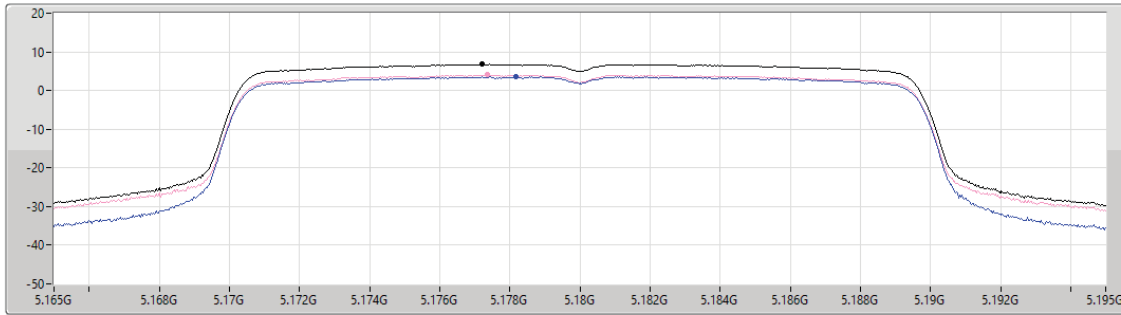
5.15-5.25GHz\_802.11ax\_HEW20\_Nss1,(MCS0)\_2TX

PSD

5180MHz

05/01/2023

CF  
5.18GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 6.77      | 6.77      | 3.55      | 4.01      |

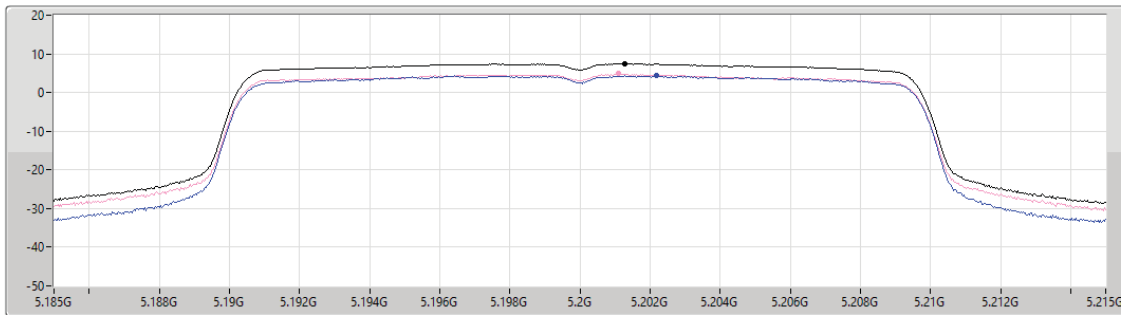
5.15-5.25GHz\_802.11ax\_HEW20\_Nss1,(MCS0)\_2TX

PSD

5200MHz

24/04/2023

CF  
5.2GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 7.52      | 7.52      | 4.34      | 4.84      |

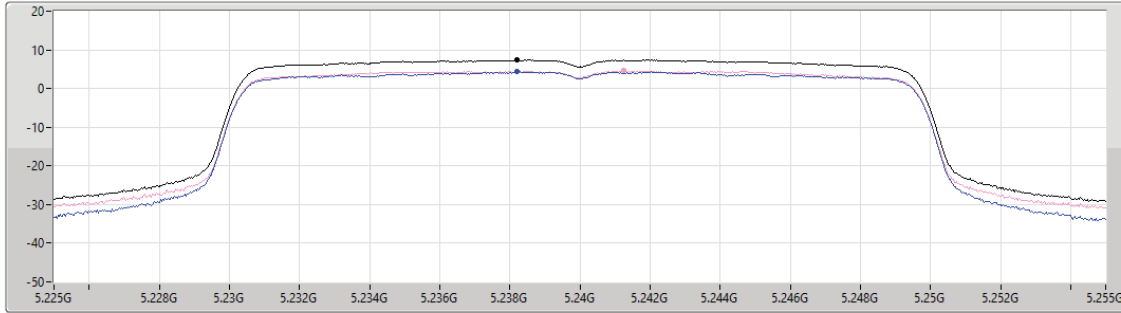
5.15-5.25GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

PSD

5240MHz

24/04/2023

CF  
5.24GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 7.37     | 7.37     | 4.35     | 4.57     |

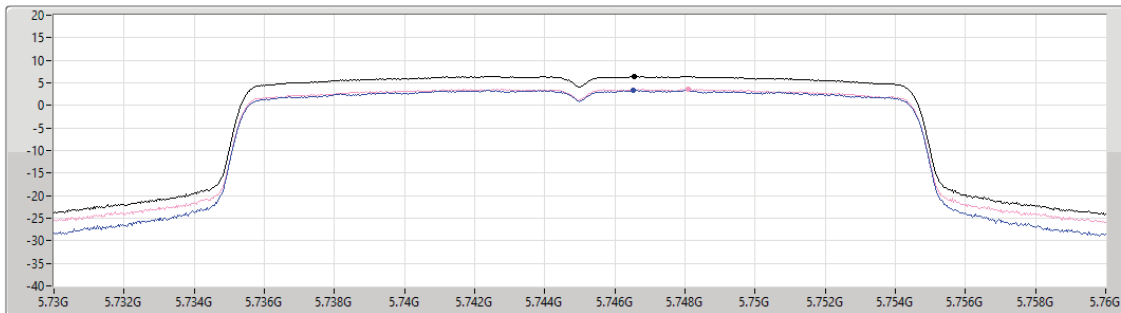
5.725-5.85GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

PSD

5745MHz

05/01/2023

CF  
5.745GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 6.45     | 6.45     | 3.43     | 3.61     |

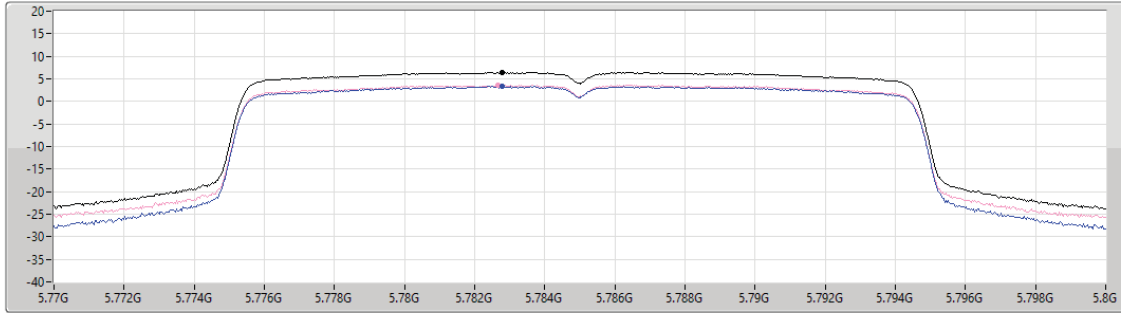
5.725-5.85GHz\_802.11ax\_HEW20\_Nss1,(MCS0)\_2TX

PSD

5785MHz

05/01/2023

CF  
5.785GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



| Sum<br>(dBm/RBW) | PD<br>(dBm/RBW) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) |
|------------------|-----------------|---------------------|---------------------|
| 6.44             | 6.44            | 3.38                | 3.62                |

Sum  
Port 1  
Port 2

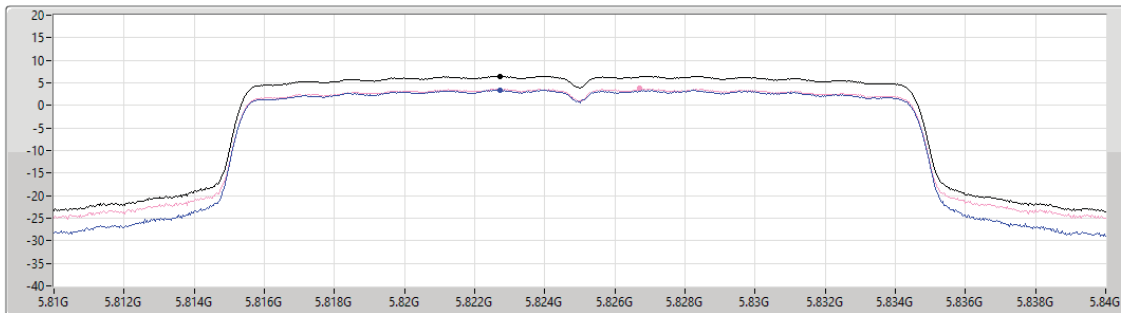
5.725-5.85GHz\_802.11ax\_HEW20\_Nss1,(MCS0)\_2TX

PSD

5825MHz

05/01/2023

CF  
5.825GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



| Sum<br>(dBm/RBW) | PD<br>(dBm/RBW) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) |
|------------------|-----------------|---------------------|---------------------|
| 6.50             | 6.50            | 3.39                | 3.74                |

Sum  
Port 1  
Port 2

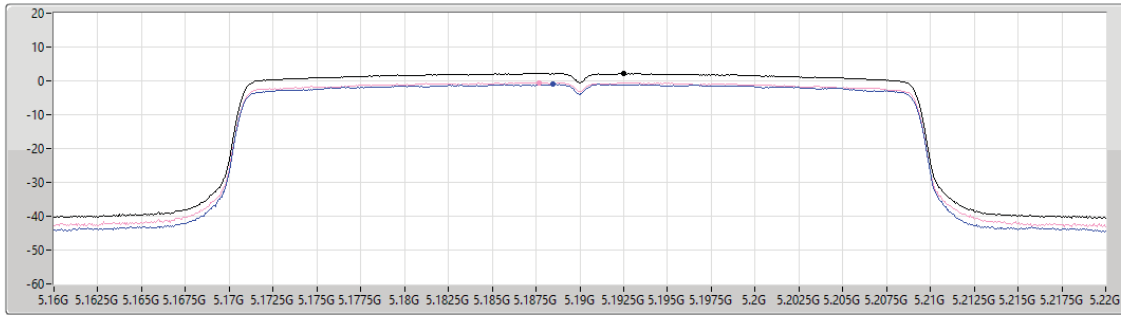
5.15-5.25GHz\_802.11ax\_HEW40\_Nss1,(MCS0)\_2TX

PSD

5190MHz

05/01/2023

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



Sum  
Port 1  
Port 2

| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 2.20     | 2.20     | -0.96    | -0.47    |

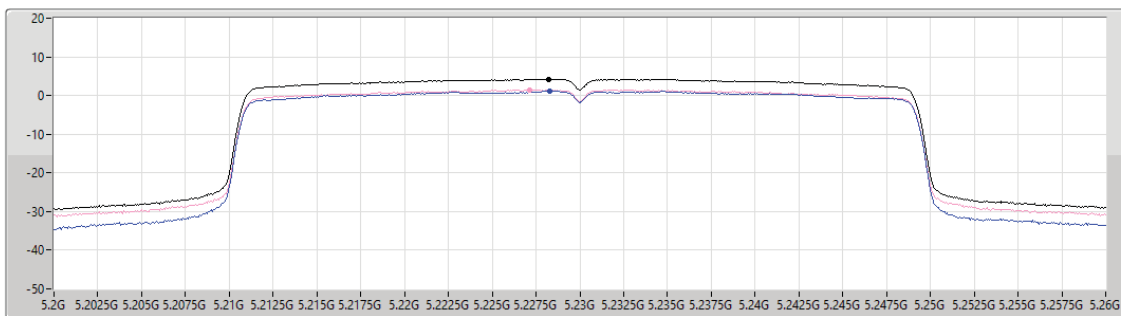
5.15-5.25GHz\_802.11ax\_HEW40\_Nss1,(MCS0)\_2TX

PSD

5230MHz

05/01/2023

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



Sum  
Port 1  
Port 2

| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 4.25     | 4.25     | 1.11     | 1.48     |

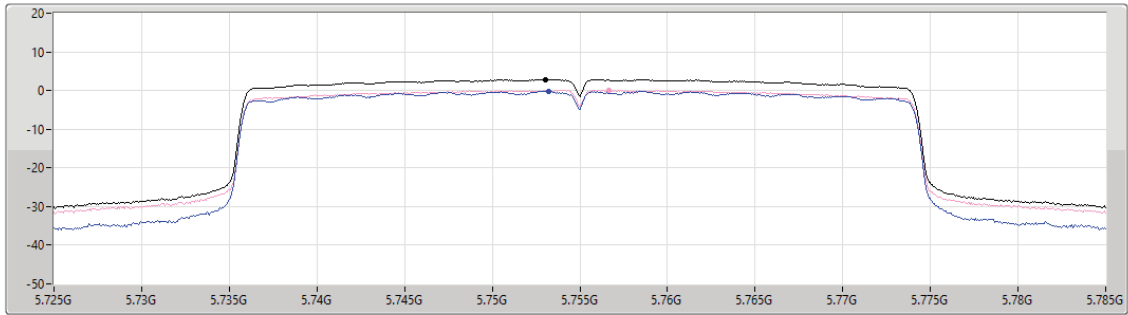
5.725-5.85GHz\_802.11ax\_HEW40\_Nss1,(MCS0)\_2TX

PSD

5755MHz

05/01/2023

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



Sum  
Port 1  
Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 2.91      | 2.91      | -0.19     | 0.11      |

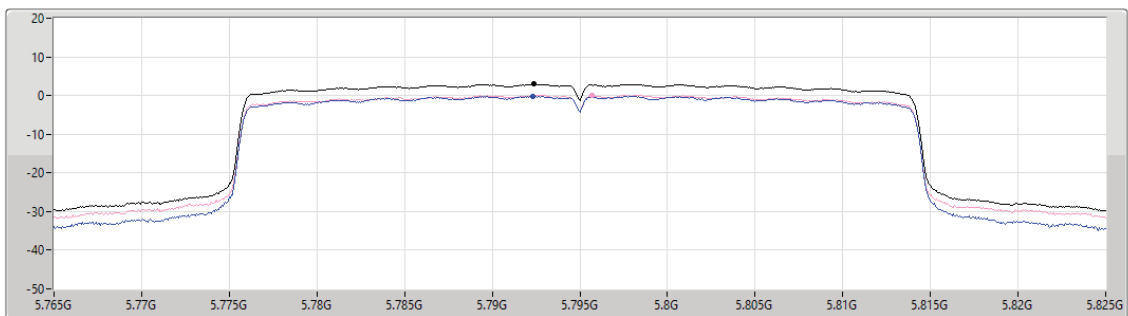
5.725-5.85GHz\_802.11ax\_HEW40\_Nss1,(MCS0)\_2TX

PSD

5795MHz

05/01/2023

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



Sum  
Port 1  
Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 2.93      | 2.93      | -0.17     | 0.07      |

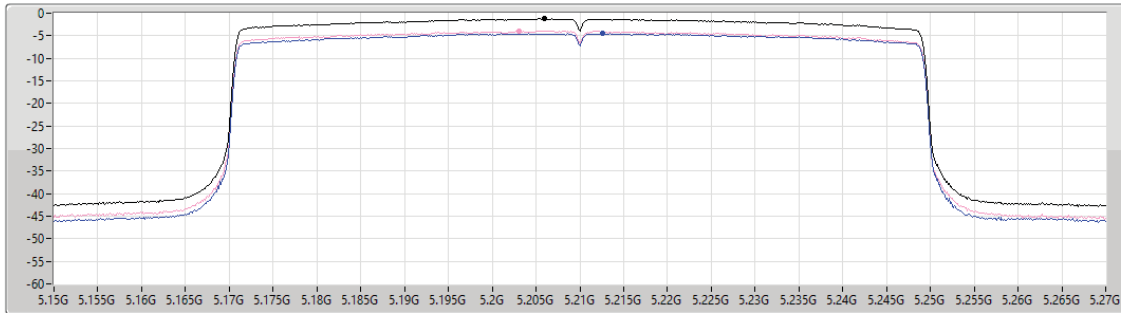
5.15-5.25GHz\_802.11ax HEW80\_Nss1,(MCS0)\_2TX

PSD

5210MHz

05/01/2023

CF  
5.21GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -1.23     | -1.23     | -4.53     | -3.91     |

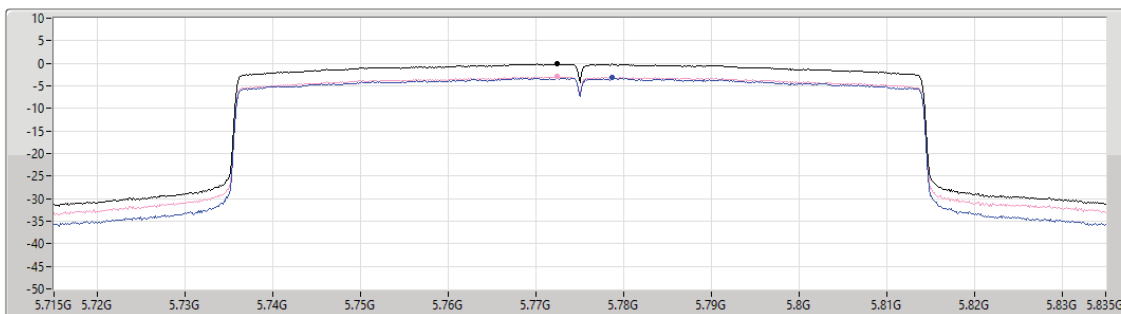
5.725-5.85GHz\_802.11ax HEW80\_Nss1,(MCS0)\_2TX

PSD

5775MHz

06/01/2023

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



| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -0.16     | -0.16     | -3.23     | -2.97     |



Summary

| Mode                           | PD<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) |
|--------------------------------|-----------------|----------------------|
| 5.15-5.25GHz                   | -               | -                    |
| 802.11a_Nss1,(6Mbps)_2TX       | 8.38            | 17.14                |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | 7.22            | 15.98                |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | 4.91            | 13.67                |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | 1.84            | 10.60                |
| 5.725-5.85GHz                  | -               | -                    |
| 802.11a_Nss1,(6Mbps)_2TX       | 6.89            | 15.65                |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | 5.87            | 14.63                |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | 3.46            | 12.22                |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | 0.10            | 8.86                 |

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



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) | EIRP PD<br>(dBm/RBW) | EIRP PD Limit<br>(dBm/RBW) |
|--------------------------------|--------|-------------|---------------------|---------------------|-----------------|-----------------------|----------------------|----------------------------|
| 802.11a_Nss1,(6Mbps)_2TX       | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5180MHz                        | Pass   | 8.76        | 5.51                | 5.32                | 8.34            | 14.24                 | 17.10                | 23.00                      |
| 5200MHz                        | Pass   | 8.76        | 5.57                | 5.31                | 8.30            | 14.24                 | 17.06                | 23.00                      |
| 5240MHz                        | Pass   | 8.76        | 5.54                | 5.25                | 8.38            | 14.24                 | 17.14                | 23.00                      |
| 5745MHz                        | Pass   | 8.76        | 4.06                | 3.74                | 6.76            | 27.24                 | 15.52                | 36.00                      |
| 5785MHz                        | Pass   | 8.76        | 3.71                | 3.70                | 6.61            | 27.24                 | 15.37                | 36.00                      |
| 5825MHz                        | Pass   | 8.76        | 3.76                | 4.08                | 6.89            | 27.24                 | 15.65                | 36.00                      |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5180MHz                        | Pass   | 8.76        | 4.39                | 3.97                | 7.16            | 14.24                 | 15.92                | 23.00                      |
| 5200MHz                        | Pass   | 8.76        | 4.22                | 4.10                | 7.15            | 14.24                 | 15.91                | 23.00                      |
| 5240MHz                        | Pass   | 8.76        | 4.26                | 4.38                | 7.22            | 14.24                 | 15.98                | 23.00                      |
| 5745MHz                        | Pass   | 8.76        | 2.91                | 2.70                | 5.81            | 27.24                 | 14.57                | 36.00                      |
| 5785MHz                        | Pass   | 8.76        | 2.71                | 2.83                | 5.57            | 27.24                 | 14.33                | 36.00                      |
| 5825MHz                        | Pass   | 8.76        | 2.71                | 3.24                | 5.87            | 27.24                 | 14.63                | 36.00                      |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5190MHz                        | Pass   | 8.76        | 1.86                | 1.95                | 4.88            | 14.24                 | 13.64                | 23.00                      |
| 5230MHz                        | Pass   | 8.76        | 1.86                | 2.02                | 4.91            | 14.24                 | 13.67                | 23.00                      |
| 5755MHz                        | Pass   | 8.76        | 0.71                | 0.55                | 3.38            | 27.24                 | 12.14                | 36.00                      |
| 5795MHz                        | Pass   | 8.76        | 0.76                | 0.63                | 3.46            | 27.24                 | 12.22                | 36.00                      |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5210MHz                        | Pass   | 8.76        | -1.22               | -1.09               | 1.84            | 14.24                 | 10.60                | 23.00                      |
| 5775MHz                        | Pass   | 8.76        | -2.82               | -2.58               | 0.10            | 27.24                 | 8.86                 | 36.00                      |

DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;  
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

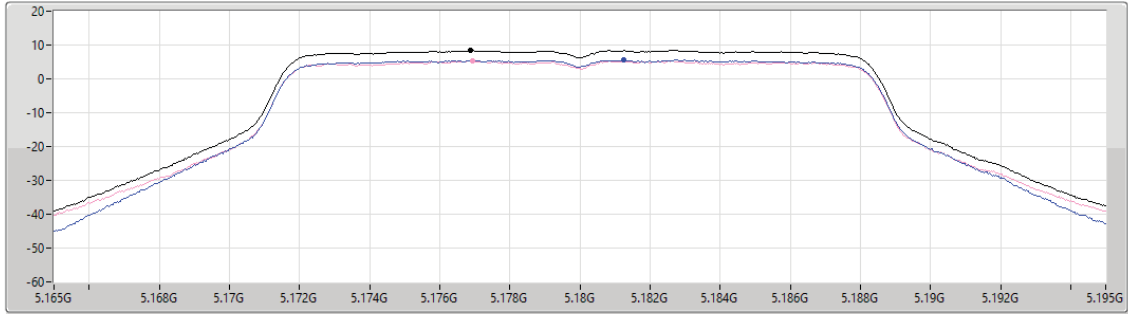
5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

PSD

5180MHz

12/01/2023

CF  
5.18GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 8.34      | 8.34      | 5.51      | 5.32      |

Sum  
Port 1  
Port 2

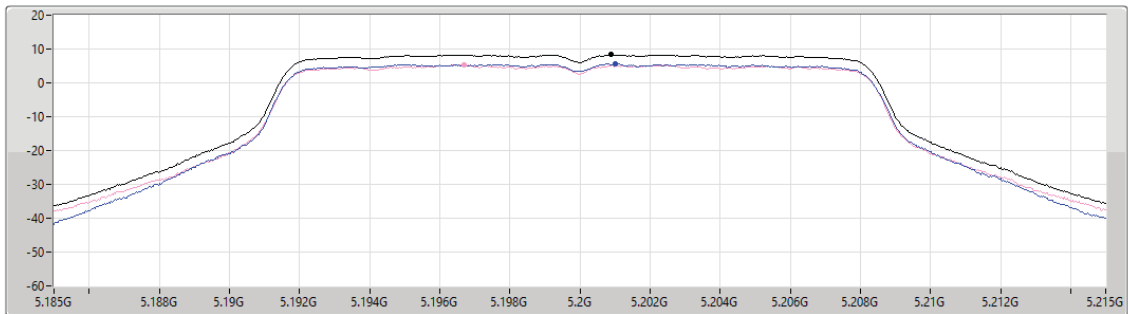
5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

PSD

5200MHz

12/01/2023

CF  
5.2GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 8.30      | 8.30      | 5.57      | 5.31      |

Sum  
Port 1  
Port 2

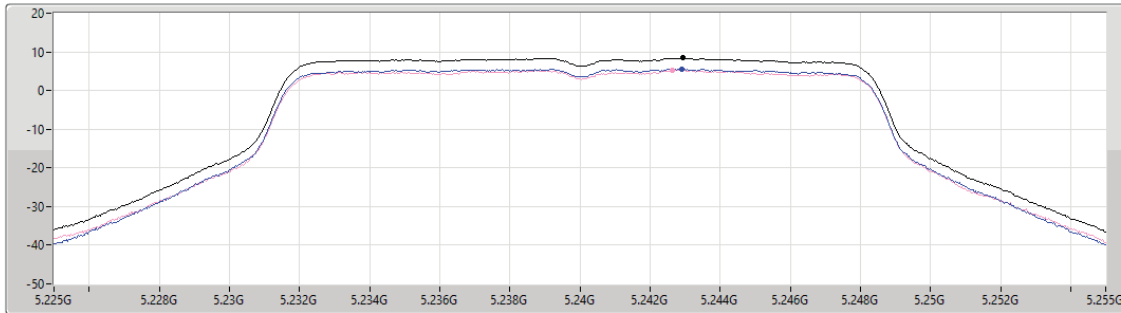
5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

PSD

5240MHz

12/01/2023

CF  
5.24GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 8.38      | 8.38      | 5.54      | 5.25      |

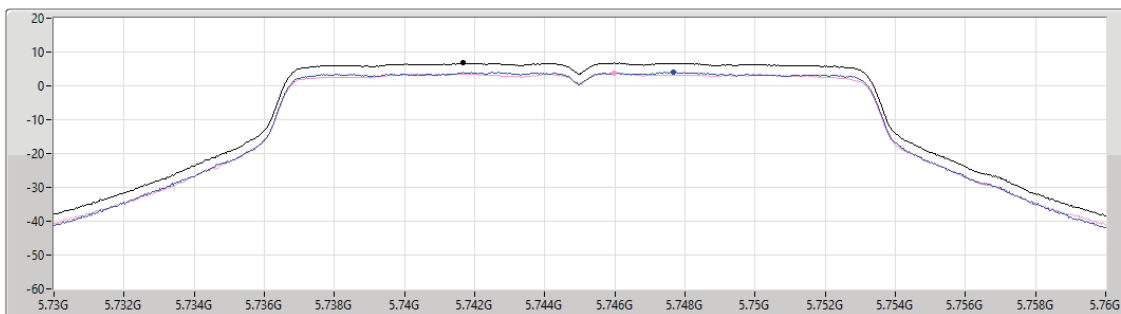
5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

PSD

5745MHz

13/01/2023

CF  
5.745GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 6.76      | 6.76      | 4.06      | 3.74      |

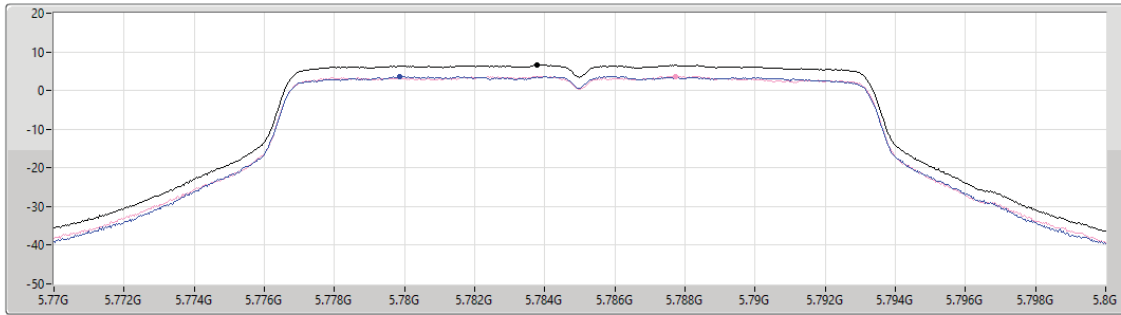
5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

PSD

5785MHz

13/01/2023

CF  
5.785GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

| Sum<br>(dBm/RBW) | PD<br>(dBm/RBW) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) |
|------------------|-----------------|---------------------|---------------------|
| 6.61             | 6.61            | 3.71                | 3.70                |

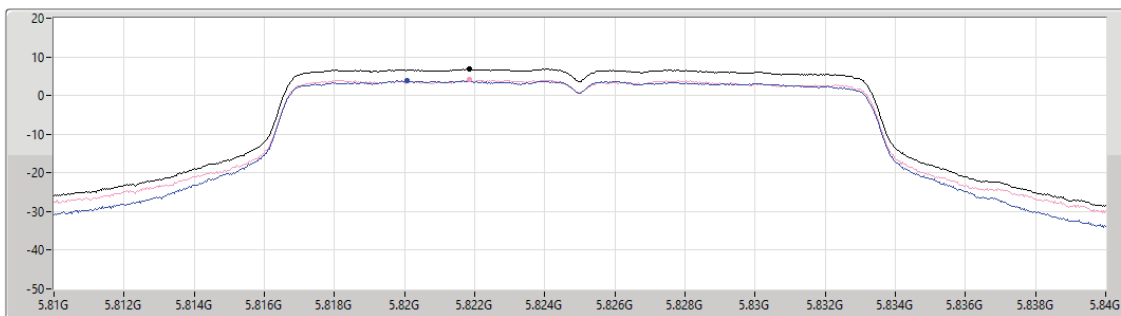
5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

PSD

5825MHz

13/01/2023

CF  
5.825GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

| Sum<br>(dBm/RBW) | PD<br>(dBm/RBW) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) |
|------------------|-----------------|---------------------|---------------------|
| 6.89             | 6.89            | 3.76                | 4.08                |

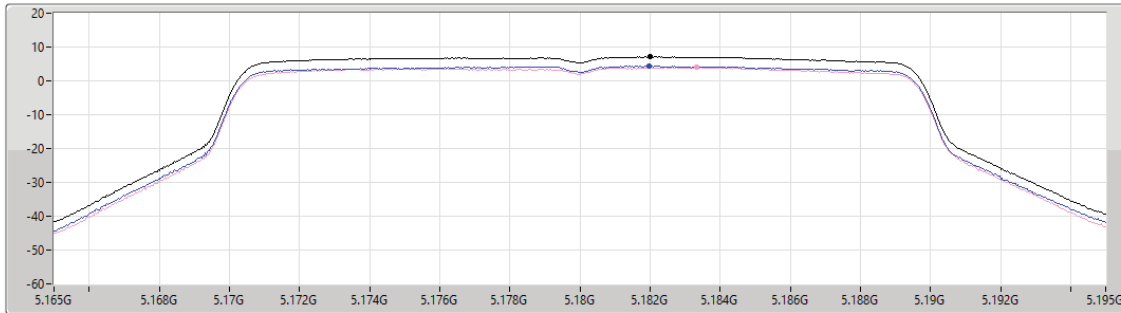
5.15-5.25GHz\_802.11ax\_HEW20\_Nss1,(MCS0)\_2TX

PSD

5180MHz

13/01/2023

CF  
5.18GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 7.16      | 7.16      | 4.39      | 3.97      |

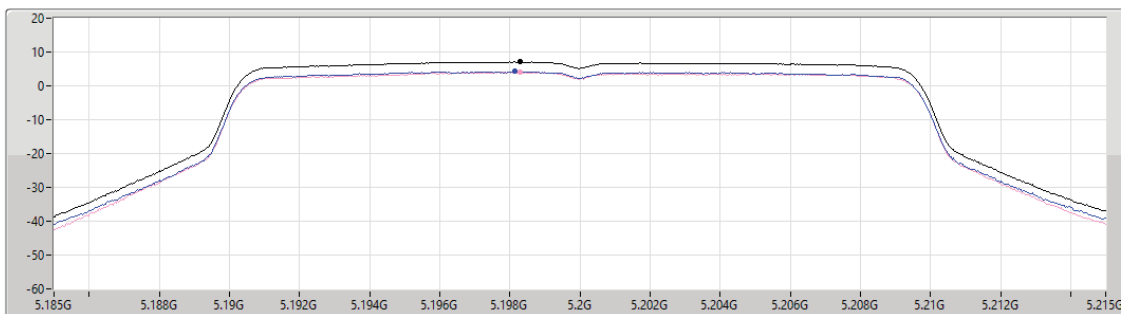
5.15-5.25GHz\_802.11ax\_HEW20\_Nss1,(MCS0)\_2TX

PSD

5200MHz

13/01/2023

CF  
5.2GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 7.15      | 7.15      | 4.22      | 4.10      |

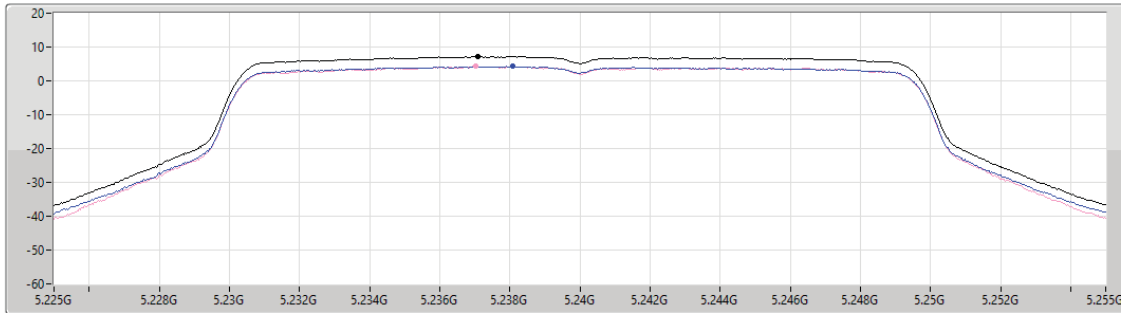
5.15-5.25GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

PSD

5240MHz

13/01/2023

CF  
5.24GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

| Sum<br>(dBm/RBW) | PD<br>(dBm/RBW) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) |
|------------------|-----------------|---------------------|---------------------|
| 7.22             | 7.22            | 4.26                | 4.38                |

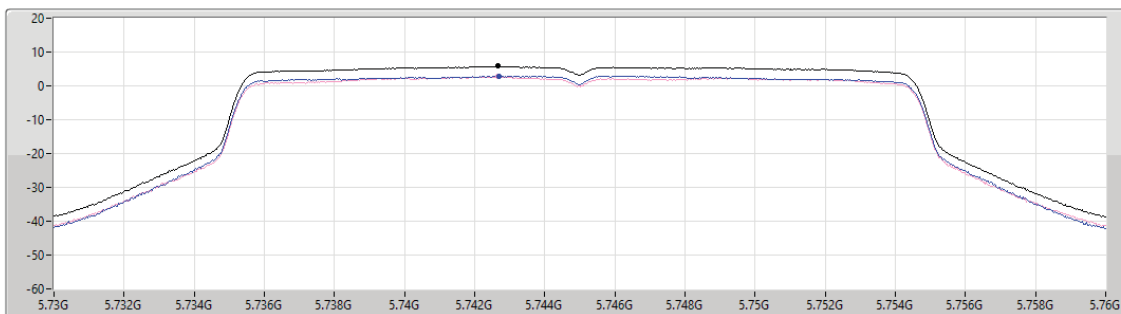
5.725-5.85GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

PSD

5745MHz

13/01/2023

CF  
5.745GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

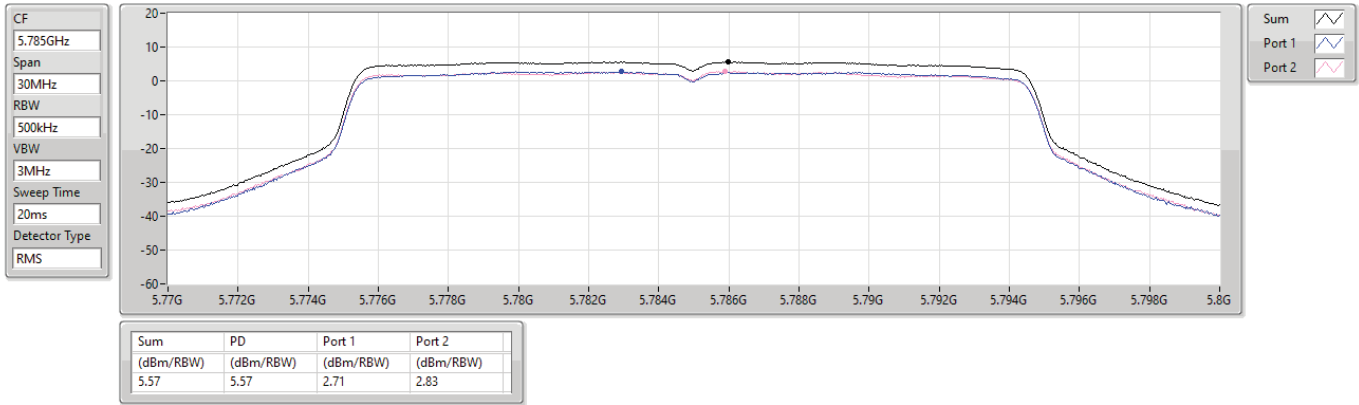
| Sum<br>(dBm/RBW) | PD<br>(dBm/RBW) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) |
|------------------|-----------------|---------------------|---------------------|
| 5.81             | 5.81            | 2.91                | 2.70                |

5.725-5.85GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

PSD

5785MHz

13/01/2023

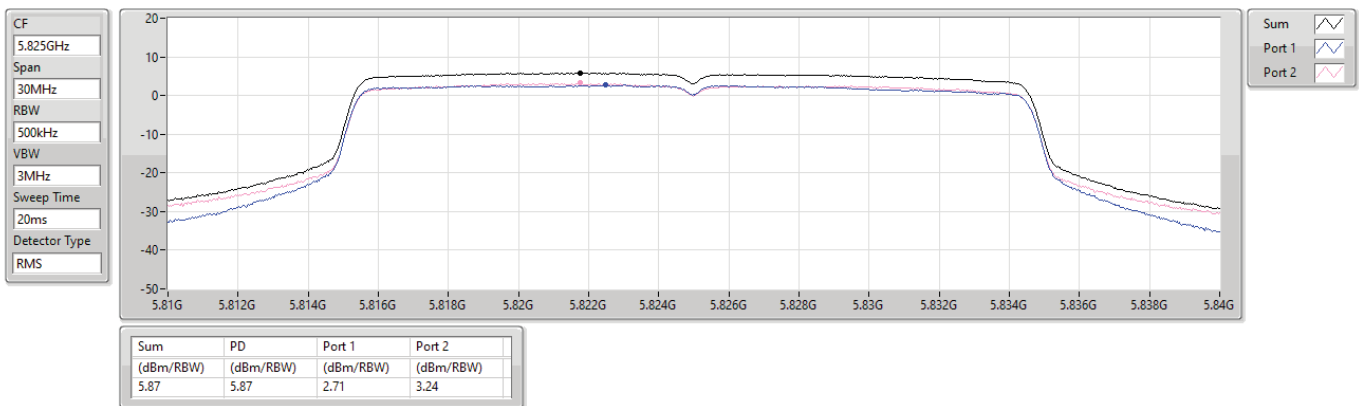


5.725-5.85GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

PSD

5825MHz

13/01/2023



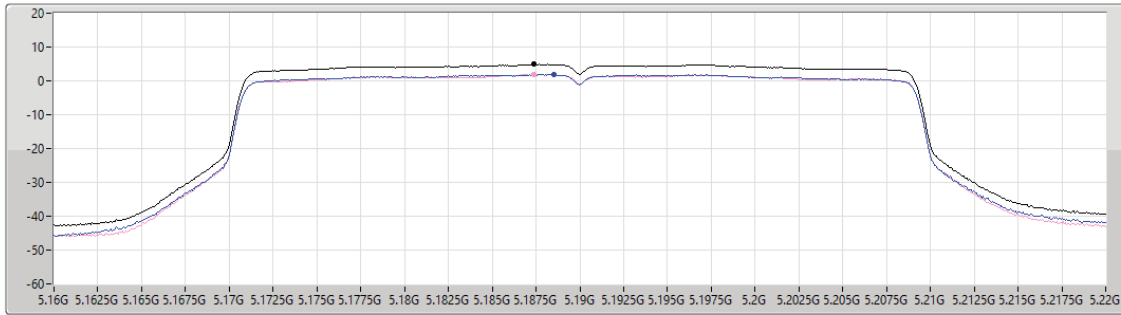
5.15-5.25GHz\_802.11ax HEW40\_Nss1,(MCS0)\_2TX

PSD

5190MHz

13/01/2023

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



Sum  
Port 1  
Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 4.88      | 4.88      | 1.86      | 1.95      |

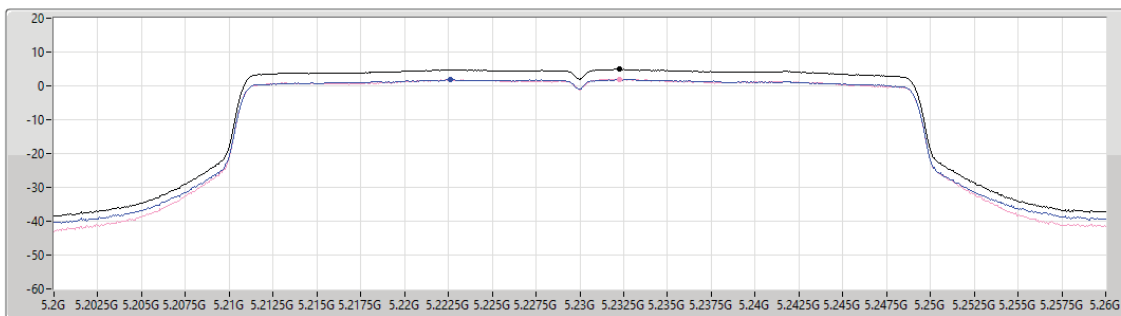
5.15-5.25GHz\_802.11ax HEW40\_Nss1,(MCS0)\_2TX

PSD

5230MHz

13/01/2023

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



Sum  
Port 1  
Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 4.91      | 4.91      | 1.86      | 2.02      |

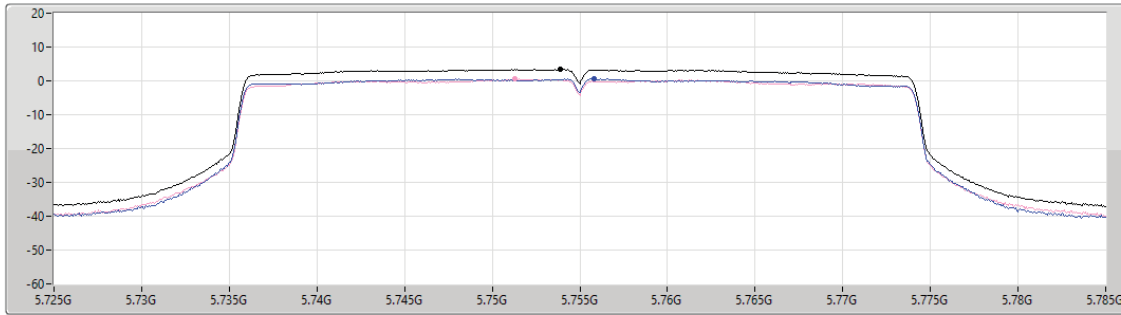
5.725-5.85GHz\_802.11ax HEW40\_Nss1,(MCS0)\_2TX

PSD

5755MHz

13/01/2023

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



Sum  
Port 1  
Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 3.38      | 3.38      | 0.71      | 0.55      |

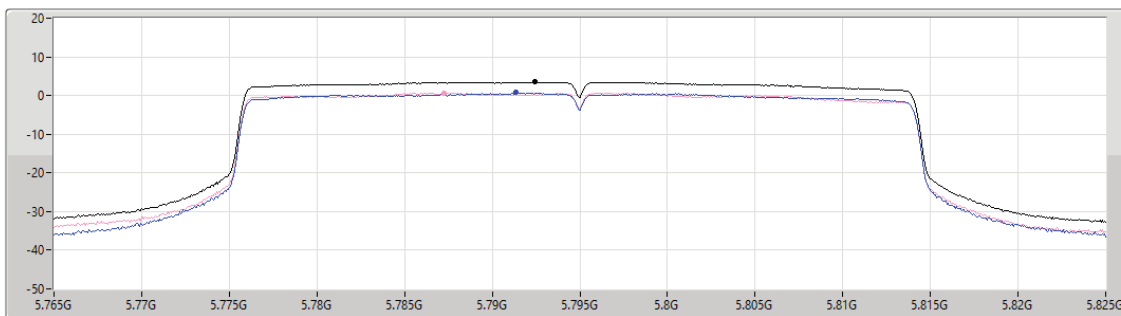
5.725-5.85GHz\_802.11ax HEW40\_Nss1,(MCS0)\_2TX

PSD

5795MHz

13/01/2023

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



Sum  
Port 1  
Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 3.46      | 3.46      | 0.76      | 0.63      |

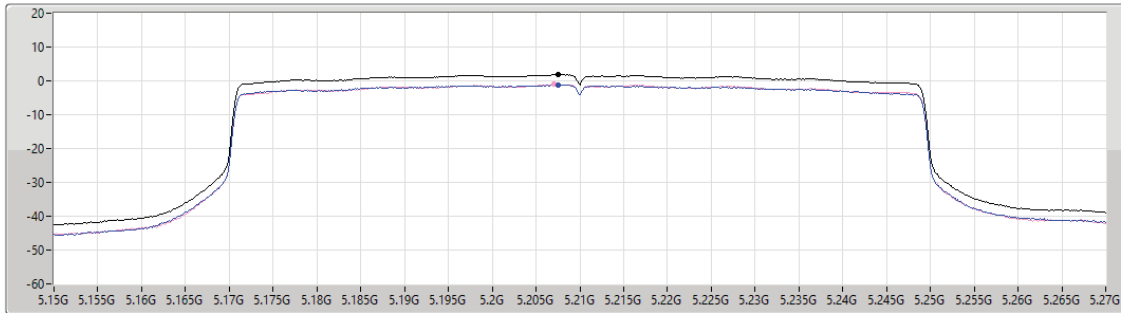
5.15-5.25GHz\_802.11ax HEW80\_Nss1,(MCS0)\_2TX

PSD

5210MHz

13/01/2023

CF  
5.21GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 1.84     | 1.84     | -1.22    | -1.09    |

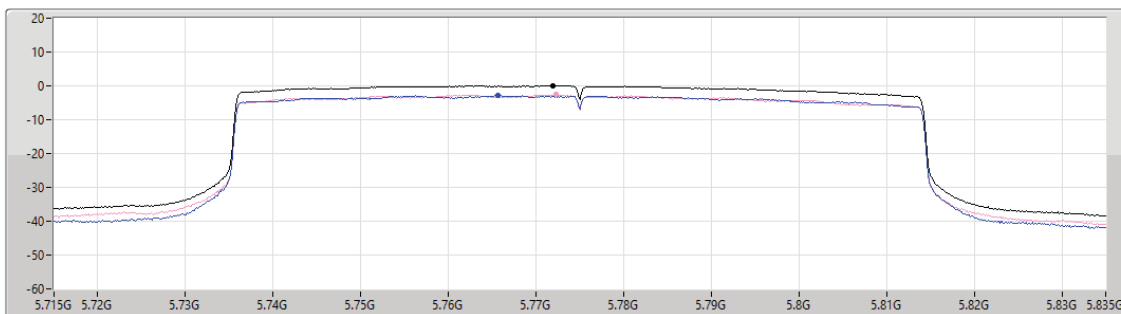
5.725-5.85GHz\_802.11ax HEW80\_Nss1,(MCS0)\_2TX

PSD

5775MHz

13/01/2023

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



Sum  
Port 1  
Port 2

| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 0.10     | 0.10     | -2.82    | -2.58    |



Summary

| Mode                           | PD<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) |
|--------------------------------|-----------------|----------------------|
| 5.15-5.25GHz                   | -               | -                    |
| 802.11a_Nss1,(6Mbps)_2TX       | 7.65            | 16.77                |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | 7.56            | 16.68                |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | 4.36            | 13.48                |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | 0.30            | 9.42                 |
| 5.725-5.85GHz                  | -               | -                    |
| 802.11a_Nss1,(6Mbps)_2TX       | 7.07            | 16.19                |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | 6.74            | 15.86                |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | 3.43            | 12.55                |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | -2.01           | 7.11                 |

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



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) | EIRP PD<br>(dBm/RBW) | EIRP PD Limit<br>(dBm/RBW) |
|--------------------------------|--------|-------------|---------------------|---------------------|-----------------|-----------------------|----------------------|----------------------------|
| 802.11a_Nss1,(6Mbps)_2TX       | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5180MHz                        | Pass   | 9.12        | 4.07                | 4.90                | 7.46            | 7.88                  | 16.58                | 17.00                      |
| 5200MHz                        | Pass   | 9.12        | 4.41                | 5.01                | 7.65            | 7.88                  | 16.77                | 17.00                      |
| 5240MHz                        | Pass   | 9.12        | 4.36                | 5.03                | 7.61            | 7.88                  | 16.73                | 17.00                      |
| 5745MHz                        | Pass   | 9.12        | 3.74                | 4.37                | 6.95            | 26.88                 | 16.07                | 36.00                      |
| 5785MHz                        | Pass   | 9.12        | 3.78                | 4.33                | 7.07            | 26.88                 | 16.19                | 36.00                      |
| 5825MHz                        | Pass   | 9.12        | 3.89                | 4.09                | 6.93            | 26.88                 | 16.05                | 36.00                      |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5180MHz                        | Pass   | 9.12        | 3.65                | 4.25                | 6.91            | 7.88                  | 16.03                | 17.00                      |
| 5200MHz                        | Pass   | 9.12        | 4.25                | 4.95                | 7.56            | 7.88                  | 16.68                | 17.00                      |
| 5240MHz                        | Pass   | 9.12        | 4.32                | 4.88                | 7.51            | 7.88                  | 16.63                | 17.00                      |
| 5745MHz                        | Pass   | 9.12        | 3.44                | 4.07                | 6.74            | 26.88                 | 15.86                | 36.00                      |
| 5785MHz                        | Pass   | 9.12        | 3.57                | 4.03                | 6.74            | 26.88                 | 15.86                | 36.00                      |
| 5825MHz                        | Pass   | 9.12        | 3.51                | 3.93                | 6.63            | 26.88                 | 15.75                | 36.00                      |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5190MHz                        | Pass   | 9.12        | -0.01               | 0.80                | 3.34            | 7.88                  | 12.46                | 17.00                      |
| 5230MHz                        | Pass   | 9.12        | 1.17                | 1.66                | 4.36            | 7.88                  | 13.48                | 17.00                      |
| 5755MHz                        | Pass   | 9.12        | 0.17                | 0.76                | 3.43            | 26.88                 | 12.55                | 36.00                      |
| 5795MHz                        | Pass   | 9.12        | 0.16                | 0.54                | 3.28            | 26.88                 | 12.40                | 36.00                      |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5210MHz                        | Pass   | 9.12        | -2.97               | -2.41               | 0.30            | 7.88                  | 9.42                 | 17.00                      |
| 5775MHz                        | Pass   | 9.12        | -5.20               | -4.78               | -2.01           | 26.88                 | 7.11                 | 36.00                      |

DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;  
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

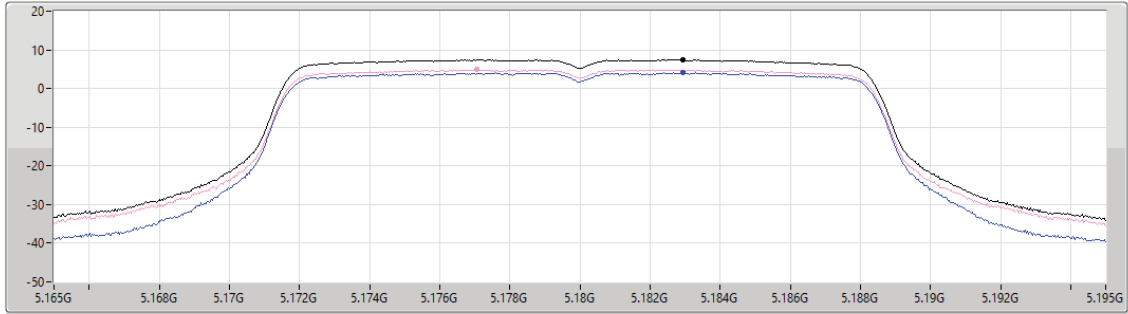
5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

PSD

5180MHz

24/04/2023

CF  
5.18GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 7.46      | 7.46      | 4.07      | 4.90      |

Sum  
Port 1  
Port 2

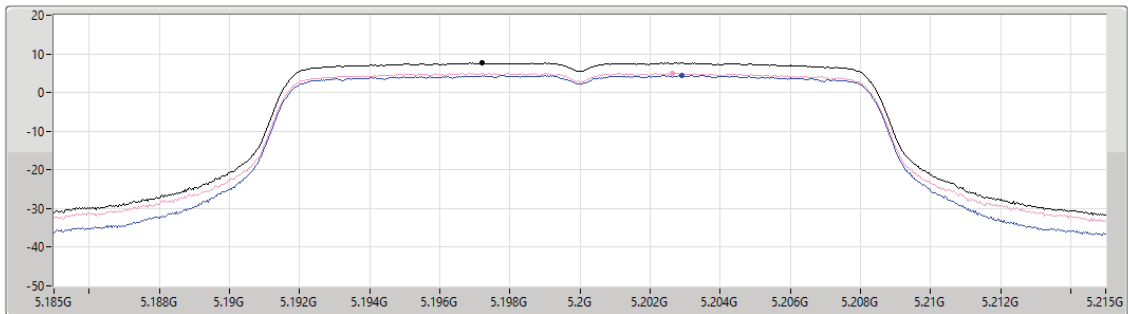
5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

PSD

5200MHz

24/04/2023

CF  
5.2GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 7.65      | 7.65      | 4.41      | 5.01      |

Sum  
Port 1  
Port 2

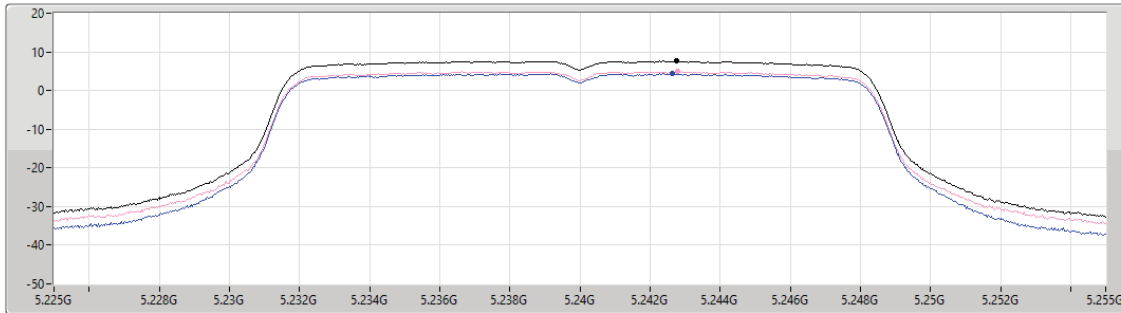
5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

PSD

5240MHz

24/04/2023

CF  
5.24GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

| Sum<br>(dBm/RBW) | PD<br>(dBm/RBW) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) |
|------------------|-----------------|---------------------|---------------------|
| 7.61             | 7.61            | 4.36                | 5.03                |

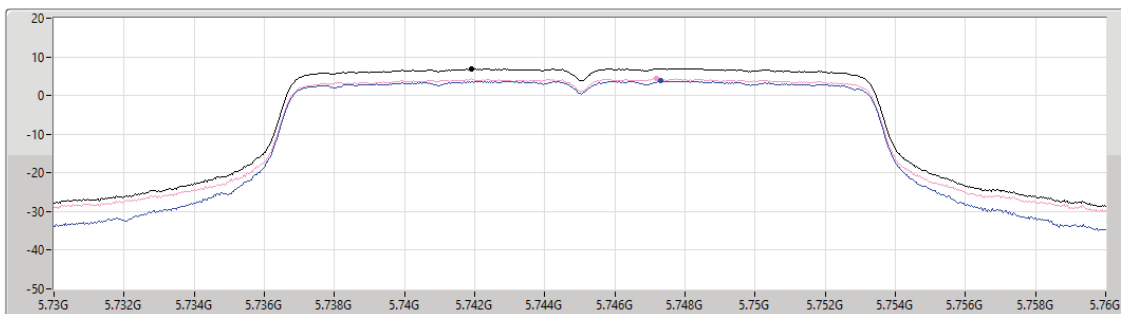
5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

PSD

5745MHz

13/01/2023

CF  
5.745GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

| Sum<br>(dBm/RBW) | PD<br>(dBm/RBW) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) |
|------------------|-----------------|---------------------|---------------------|
| 6.95             | 6.95            | 3.74                | 4.37                |

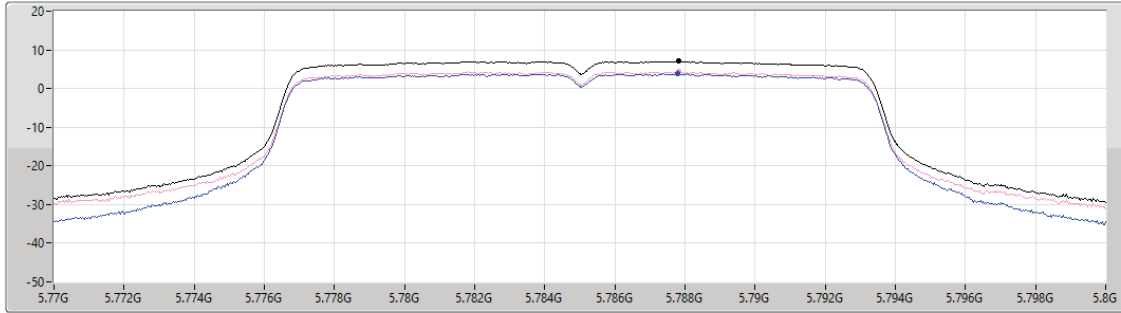
5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

PSD

5785MHz

13/01/2023

CF  
5.785GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 7.07     | 7.07     | 3.78     | 4.33     |

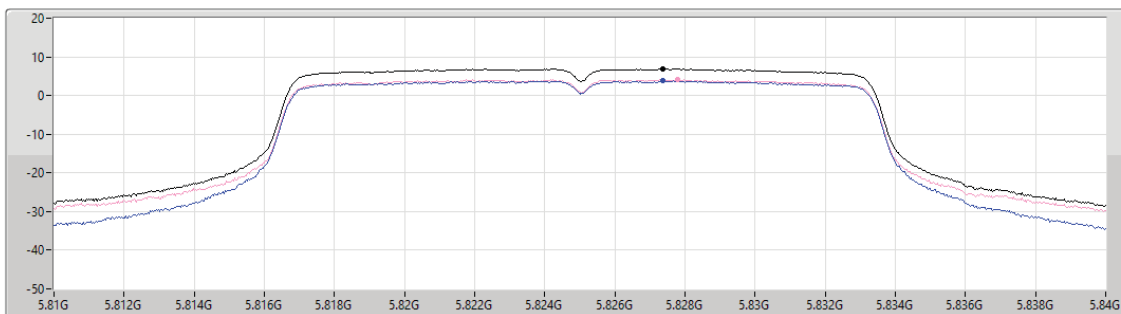
5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

PSD

5825MHz

13/01/2023

CF  
5.825GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 6.93     | 6.93     | 3.89     | 4.09     |

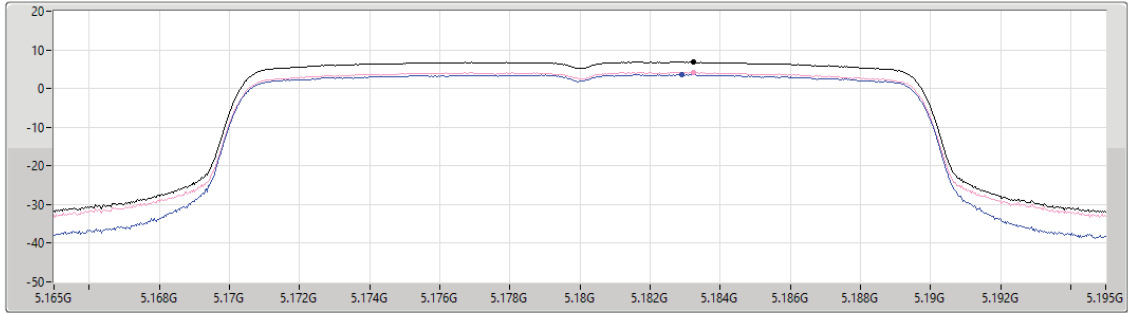
5.15-5.25GHz\_802.11ax\_HEW20\_Nss1,(MCS0)\_2TX

PSD

5180MHz

13/01/2023

CF  
5.18GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 6.91      | 6.91      | 3.65      | 4.25      |

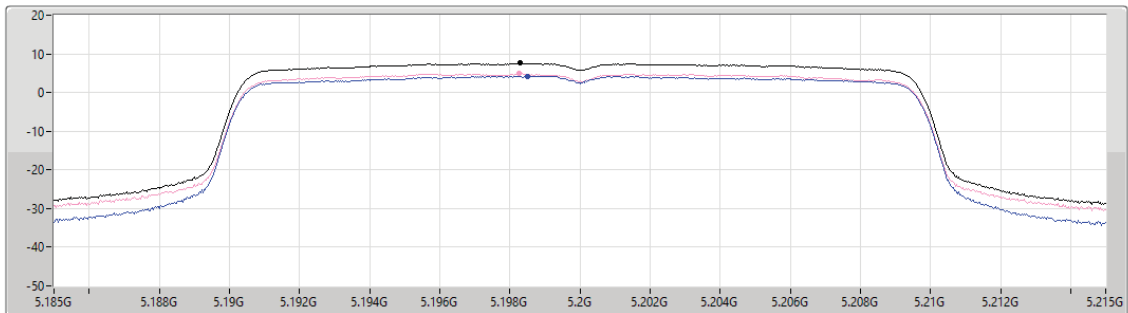
5.15-5.25GHz\_802.11ax\_HEW20\_Nss1,(MCS0)\_2TX

PSD

5200MHz

24/04/2023

CF  
5.2GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 7.56      | 7.56      | 4.25      | 4.95      |

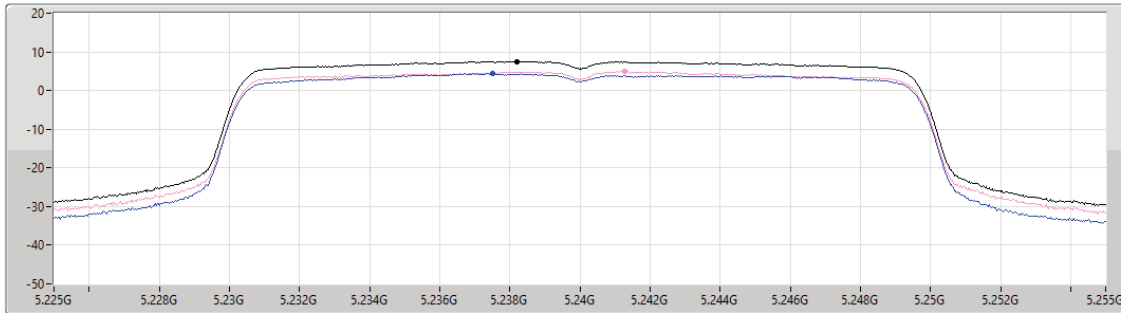
5.15-5.25GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

PSD

5240MHz

24/04/2023

CF  
5.24GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



| Sum<br>(dBm/Hz) | PD<br>(dBm/Hz) | Port 1<br>(dBm/Hz) | Port 2<br>(dBm/Hz) |
|-----------------|----------------|--------------------|--------------------|
| 7.51            | 7.51           | 4.32               | 4.88               |

Sum  
Port 1  
Port 2

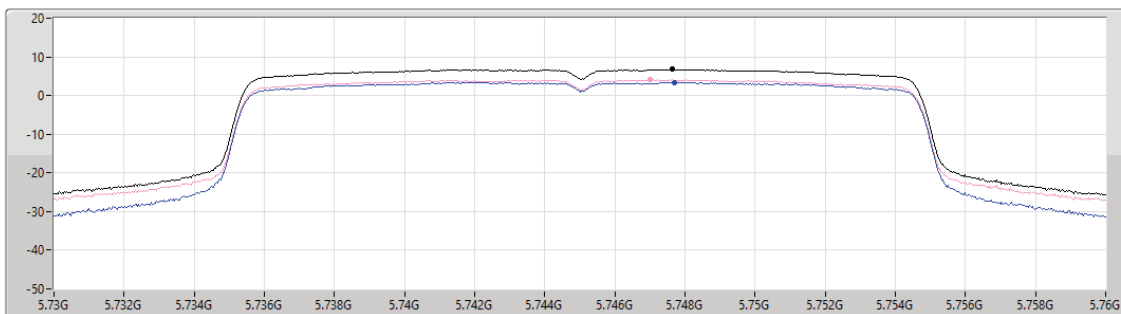
5.725-5.85GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

PSD

5745MHz

13/01/2023

CF  
5.745GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



| Sum<br>(dBm/Hz) | PD<br>(dBm/Hz) | Port 1<br>(dBm/Hz) | Port 2<br>(dBm/Hz) |
|-----------------|----------------|--------------------|--------------------|
| 6.74            | 6.74           | 3.44               | 4.07               |

Sum  
Port 1  
Port 2

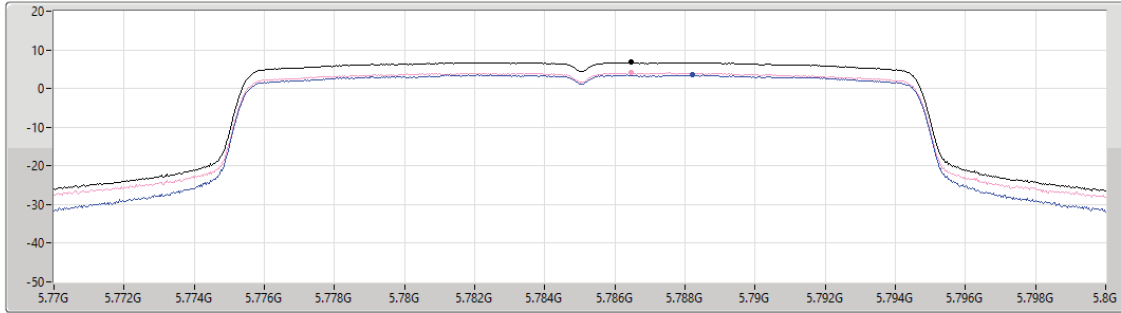
5.725-5.85GHz\_802.11ax\_HEW20\_Nss1,(MCS0)\_2TX

PSD

5785MHz

13/01/2023

CF  
5.785GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 6.74     | 6.74     | 3.57     | 4.03     |

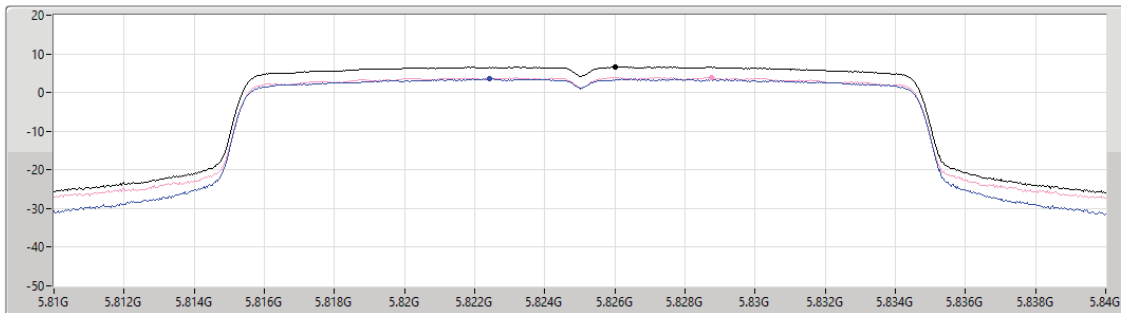
5.725-5.85GHz\_802.11ax\_HEW20\_Nss1,(MCS0)\_2TX

PSD

5825MHz

13/01/2023

CF  
5.825GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

| Sum      | PD       | Port 1   | Port 2   |
|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 6.63     | 6.63     | 3.51     | 3.93     |

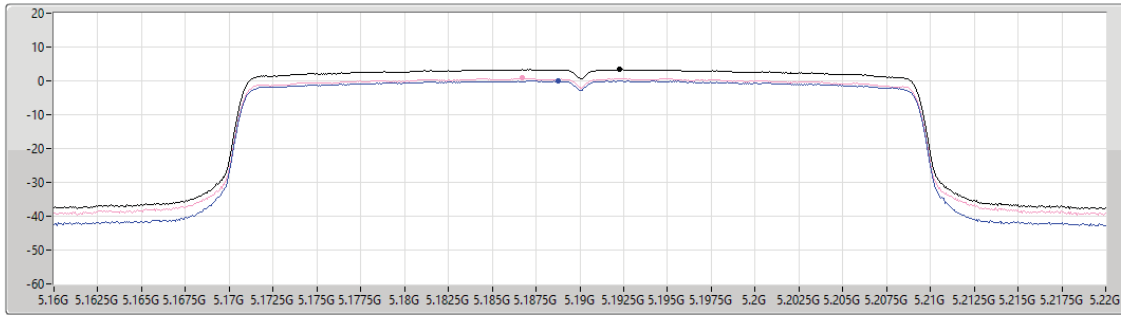
5.15-5.25GHz\_802.11ax\_HEW40\_Nss1,(MCS0)\_2TX

PSD

5190MHz

13/01/2023

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



Sum  
Port 1  
Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 3.34      | 3.34      | -0.01     | 0.80      |

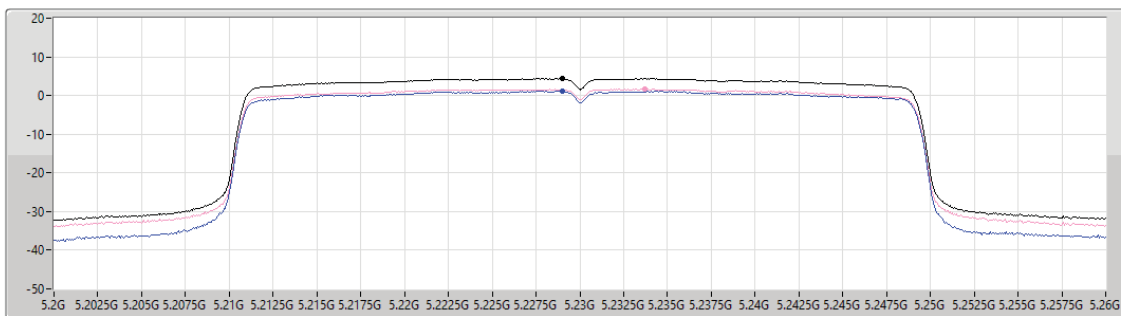
5.15-5.25GHz\_802.11ax\_HEW40\_Nss1,(MCS0)\_2TX

PSD

5230MHz

13/01/2023

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



Sum  
Port 1  
Port 2

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 4.36      | 4.36      | 1.17      | 1.66      |

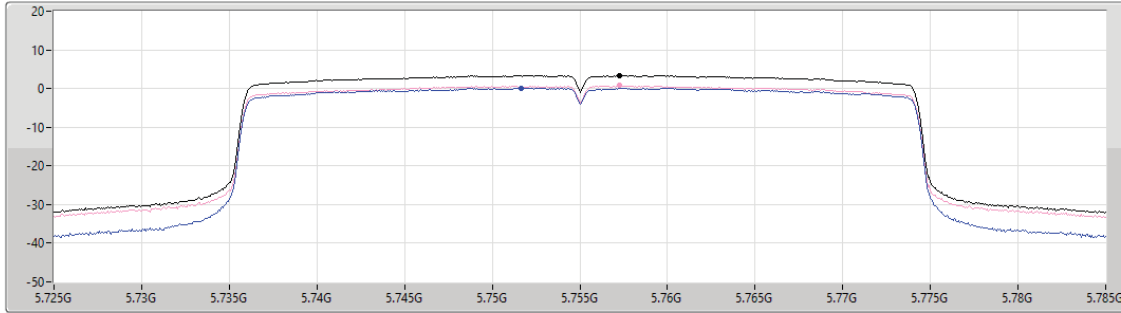
5.725-5.85GHz\_802.11ax\_HEW40\_Nss1,(MCS0)\_2TX

PSD

5755MHz

13/01/2023

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



Sum  
Port 1  
Port 2

| Sum          | PD           | Port 1       | Port 2       |
|--------------|--------------|--------------|--------------|
| (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) |
| 3.43         | 3.43         | 0.17         | 0.76         |

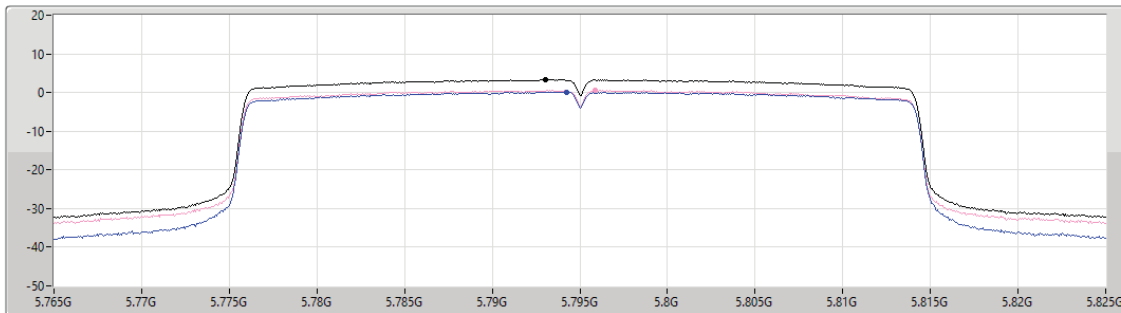
5.725-5.85GHz\_802.11ax\_HEW40\_Nss1,(MCS0)\_2TX

PSD

5795MHz

13/01/2023

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



Sum  
Port 1  
Port 2

| Sum          | PD           | Port 1       | Port 2       |
|--------------|--------------|--------------|--------------|
| (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) |
| 3.28         | 3.28         | 0.16         | 0.54         |

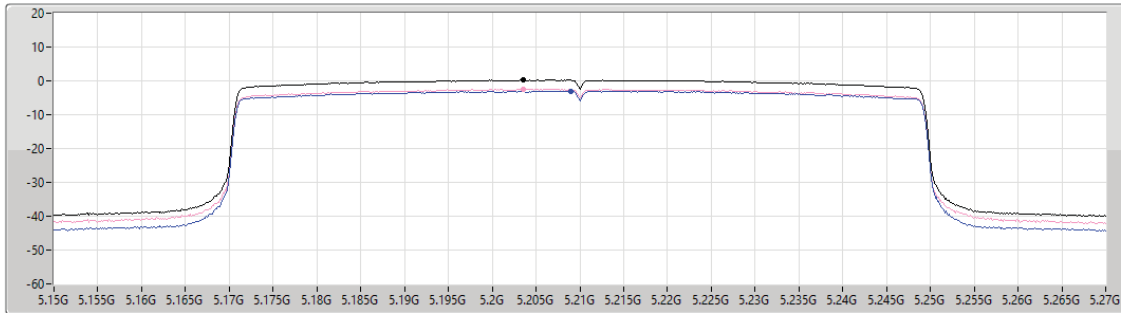
5.15-5.25GHz\_802.11ax HEW80\_Nss1,(MCS0)\_2TX

PSD

5210MHz

13/01/2023

CF  
5.21GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

| Sum<br>(dBm/RBW) | PD<br>(dBm/RBW) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) |
|------------------|-----------------|---------------------|---------------------|
| 0.30             | 0.30            | -2.97               | -2.41               |

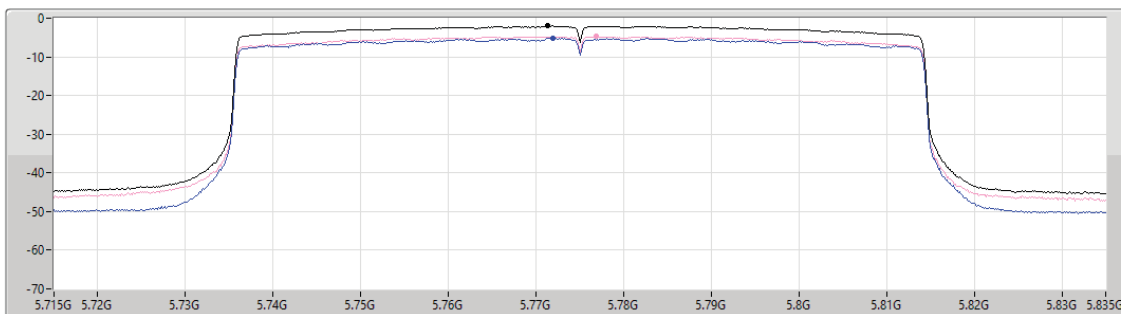
5.725-5.85GHz\_802.11ax HEW80\_Nss1,(MCS0)\_2TX

PSD

5775MHz

13/01/2023

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



Sum  
Port 1  
Port 2

| Sum<br>(dBm/RBW) | PD<br>(dBm/RBW) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) |
|------------------|-----------------|---------------------|---------------------|
| -2.01            | -2.01           | -5.20               | -4.78               |



**Summary**

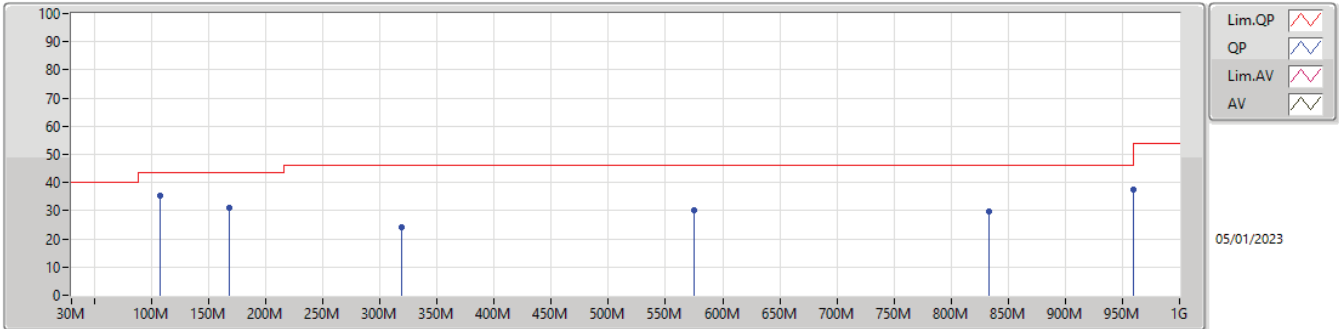
| Mode                           | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|
| 5.725-5.85GHz                  | -      | -    | -            | -                 | -                 | -              | -           | -          | -              | -             |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | Pass   | PK   | 95.96M       | 39.43             | 43.50             | -4.07          | 3           | Horizontal | 0              | 1.00          |

**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) |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|
| 802.11ax HEW80_Nss1,(MCS0)_2TX | -      | -    | -            | -                 | -                 | -              | -           | -          | -              | -             |
| 5775MHz                        | Pass   | PK   | 107.6M       | 35.23             | 43.50             | -8.27          | 3           | Vertical   | 360            | 1.00          |
| 5775MHz                        | Pass   | PK   | 167.74M      | 31.17             | 43.50             | -12.33         | 3           | Vertical   | 360            | 1.00          |
| 5775MHz                        | Pass   | PK   | 319.06M      | 24.24             | 46.00             | -21.76         | 3           | Vertical   | 360            | 1.00          |
| 5775MHz                        | Pass   | PK   | 575.14M      | 30.03             | 46.00             | -15.97         | 3           | Vertical   | 360            | 1.00          |
| 5775MHz                        | Pass   | PK   | 833.16M      | 29.94             | 46.00             | -16.06         | 3           | Vertical   | 360            | 1.00          |
| 5775MHz                        | Pass   | PK   | 959.26M      | 37.43             | 46.00             | -8.57          | 3           | Vertical   | 360            | 1.00          |
| 5775MHz                        | Pass   | PK   | 95.96M       | 39.43             | 43.50             | -4.07          | 3           | Horizontal | 0              | 1.00          |
| 5775MHz                        | Pass   | PK   | 192.96M      | 38.62             | 43.50             | -4.88          | 3           | Horizontal | 0              | 1.00          |
| 5775MHz                        | Pass   | PK   | 220.12M      | 30.13             | 46.00             | -15.87         | 3           | Horizontal | 0              | 1.00          |
| 5775MHz                        | Pass   | PK   | 575.14M      | 40.40             | 46.00             | -5.60          | 3           | Horizontal | 0              | 1.00          |
| 5775MHz                        | Pass   | PK   | 767.2M       | 29.24             | 46.00             | -16.76         | 3           | Horizontal | 0              | 1.00          |
| 5775MHz                        | Pass   | PK   | 959.26M      | 34.66             | 46.00             | -11.34         | 3           | Horizontal | 0              | 1.00          |

## 5.725-5.85GHz\_802.11ax HEW80\_Nss1,(MCS0)\_2TX

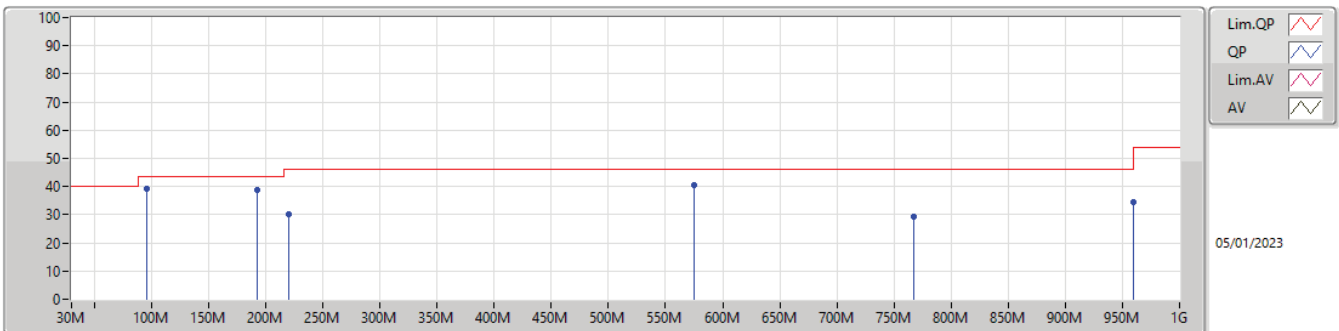
## 5775MHz\_PoE



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|------------|---------|---------|---------|
| PK   | 107.6M    | 35.23          | 43.50          | -8.27       | -19.54      | 3        | Vertical  | 360         | 1.00       | 54.77      | 15.97   | 1.12    | 36.63   |
| PK   | 167.74M   | 31.17          | 43.50          | -12.33      | -19.91      | 3        | Vertical  | 360         | 1.00       | 51.08      | 15.09   | 1.44    | 36.44   |
| PK   | 319.06M   | 24.24          | 46.00          | -21.76      | -15.72      | 3        | Vertical  | 360         | 1.00       | 39.96      | 18.59   | 2.15    | 36.46   |
| PK   | 575.14M   | 30.03          | 46.00          | -15.97      | -9.40       | 3        | Vertical  | 360         | 1.00       | 39.43      | 24.96   | 2.75    | 37.11   |
| PK   | 833.16M   | 29.94          | 46.00          | -16.06      | -6.16       | 3        | Vertical  | 360         | 1.00       | 36.10      | 27.94   | 3.47    | 37.57   |
| PK   | 959.26M   | 37.43          | 46.00          | -8.57       | -3.47       | 3        | Vertical  | 360         | 1.00       | 40.90      | 30.07   | 3.77    | 37.31   |

## 5.725-5.85GHz\_802.11ax HEW80\_Nss1,(MCS0)\_2TX

## 5775MHz\_PoE



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|------------|---------|---------|---------|
| PK   | 95.96M    | 39.43          | 43.50          | -4.07       | -20.86      | 3        | Horizontal | 0           | 1.00       | 60.29      | 14.71   | 1.09    | 36.66   |
| PK   | 192.96M   | 38.62          | 43.50          | -4.88       | -20.74      | 3        | Horizontal | 0           | 1.00       | 59.36      | 14.02   | 1.58    | 36.34   |
| PK   | 220.12M   | 30.13          | 46.00          | -15.87      | -20.30      | 3        | Horizontal | 0           | 1.00       | 50.43      | 14.31   | 1.74    | 36.35   |
| PK   | 575.14M   | 40.40          | 46.00          | -5.60       | -9.40       | 3        | Horizontal | 0           | 1.00       | 49.80      | 24.96   | 2.75    | 37.11   |
| PK   | 767.2M    | 29.24          | 46.00          | -16.76      | -6.78       | 3        | Horizontal | 0           | 1.00       | 36.02      | 27.36   | 3.31    | 37.45   |
| PK   | 959.26M   | 34.66          | 46.00          | -11.34      | -3.47       | 3        | Horizontal | 0           | 1.00       | 38.13      | 30.07   | 3.77    | 37.31   |

**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) |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|
| 5.15-5.25GHz                   | -      | -    | -            | -                 | -                 | -              | -           | -          | -              | -             |
| 802.11a_Nss1,(6Mbps)_2TX       | Pass   | AV   | 5.15G        | 49.26             | 54.00             | -4.74          | 3           | Horizontal | 51             | 1.00          |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | Pass   | AV   | 5.1498G      | 47.28             | 54.00             | -6.72          | 3           | Horizontal | 48             | 1.00          |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | Pass   | AV   | 5.1476G      | 49.07             | 54.00             | -4.93          | 3           | Horizontal | 8              | 1.43          |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | Pass   | AV   | 5.146G       | 51.16             | 54.00             | -2.84          | 3           | Horizontal | 50             | 1.01          |
| 5.725-5.85GHz                  | -      | -    | -            | -                 | -                 | -              | -           | -          | -              | -             |
| 802.11a_Nss1,(6Mbps)_2TX       | Pass   | PK   | 5.9358G      | 59.64             | 68.20             | -8.56          | 3           | Vertical   | 31             | 1.38          |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | Pass   | PK   | 5.9286G      | 58.42             | 68.20             | -9.78          | 3           | Horizontal | 339            | 2.50          |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | Pass   | PK   | 5.6458G      | 59.27             | 68.20             | -8.93          | 3           | Horizontal | 345            | 2.06          |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | Pass   | PK   | 5.6514G      | 62.19             | 69.24             | -7.05          | 3           | Horizontal | 348            | 2.11          |



## 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) |
|--------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|
| 802.11a_Nss1,(6Mbps)_2TX | -      | -    | -            | -                 | -                 | -              | -           | -          | -              | -             |
| 5180MHz                  | Pass   | AV   | 5.1432G      | 46.87             | 54.00             | -7.13          | 3           | Vertical   | 13             | 1.22          |
| 5180MHz                  | Pass   | AV   | 5.1754G      | 101.67            | Inf               | -Inf           | 3           | Vertical   | 13             | 1.22          |
| 5180MHz                  | Pass   | PK   | 5.1356G      | 57.75             | 74.00             | -16.25         | 3           | Vertical   | 13             | 1.22          |
| 5180MHz                  | Pass   | PK   | 5.1752G      | 109.35            | Inf               | -Inf           | 3           | Vertical   | 13             | 1.22          |
| 5180MHz                  | Pass   | AV   | 5.15G        | 49.26             | 54.00             | -4.74          | 3           | Horizontal | 51             | 1.00          |
| 5180MHz                  | Pass   | AV   | 5.1752G      | 108.71            | Inf               | -Inf           | 3           | Horizontal | 51             | 1.00          |
| 5180MHz                  | Pass   | PK   | 5.1496G      | 59.72             | 74.00             | -14.28         | 3           | Horizontal | 51             | 1.00          |
| 5180MHz                  | Pass   | PK   | 5.1754G      | 116.45            | Inf               | -Inf           | 3           | Horizontal | 51             | 1.00          |
| 5180MHz                  | Pass   | PK   | 10.36006G    | 53.51             | 68.20             | -14.69         | 3           | Vertical   | 270            | 1.50          |
| 5180MHz                  | Pass   | PK   | 10.36126G    | 53.13             | 68.20             | -15.07         | 3           | Horizontal | 3              | 1.50          |
| 5200MHz                  | Pass   | AV   | 5.1108G      | 46.79             | 54.00             | -7.21          | 3           | Vertical   | 18             | 1.82          |
| 5200MHz                  | Pass   | AV   | 5.1968G      | 102.01            | Inf               | -Inf           | 3           | Vertical   | 18             | 1.82          |
| 5200MHz                  | Pass   | PK   | 5.1284G      | 58.03             | 74.00             | -15.97         | 3           | Vertical   | 18             | 1.82          |
| 5200MHz                  | Pass   | PK   | 5.1968G      | 109.93            | Inf               | -Inf           | 3           | Vertical   | 18             | 1.82          |
| 5200MHz                  | Pass   | AV   | 5.1036G      | 47.67             | 54.00             | -6.33          | 3           | Horizontal | 49             | 1.01          |
| 5200MHz                  | Pass   | AV   | 5.1952G      | 108.56            | Inf               | -Inf           | 3           | Horizontal | 49             | 1.01          |
| 5200MHz                  | Pass   | PK   | 5.1468G      | 58.99             | 74.00             | -15.01         | 3           | Horizontal | 49             | 1.01          |
| 5200MHz                  | Pass   | PK   | 5.2008G      | 116.20            | Inf               | -Inf           | 3           | Horizontal | 49             | 1.01          |
| 5200MHz                  | Pass   | PK   | 10.3898G     | 53.59             | 68.20             | -14.61         | 3           | Vertical   | 66             | 1.50          |
| 5200MHz                  | Pass   | PK   | 10.39346G    | 53.65             | 68.20             | -14.55         | 3           | Horizontal | 110            | 1.50          |
| 5240MHz                  | Pass   | AV   | 5.1086G      | 46.65             | 54.00             | -7.35          | 3           | Vertical   | 354            | 1.47          |
| 5240MHz                  | Pass   | AV   | 5.2442G      | 101.63            | Inf               | -Inf           | 3           | Vertical   | 354            | 1.47          |
| 5240MHz                  | Pass   | AV   | 5.3762G      | 45.94             | 54.00             | -8.06          | 3           | Vertical   | 354            | 1.47          |
| 5240MHz                  | Pass   | PK   | 5.138G       | 57.55             | 74.00             | -16.45         | 3           | Vertical   | 354            | 1.47          |
| 5240MHz                  | Pass   | PK   | 5.2436G      | 109.83            | Inf               | -Inf           | 3           | Vertical   | 354            | 1.47          |
| 5240MHz                  | Pass   | PK   | 5.3762G      | 56.14             | 74.00             | -17.86         | 3           | Vertical   | 354            | 1.47          |
| 5240MHz                  | Pass   | AV   | 5.1476G      | 47.37             | 54.00             | -6.63          | 3           | Horizontal | 13             | 2.68          |
| 5240MHz                  | Pass   | AV   | 5.2394G      | 107.27            | Inf               | -Inf           | 3           | Horizontal | 13             | 2.68          |
| 5240MHz                  | Pass   | AV   | 5.3762G      | 46.79             | 54.00             | -7.21          | 3           | Horizontal | 13             | 2.68          |
| 5240MHz                  | Pass   | PK   | 5.1074G      | 58.07             | 74.00             | -15.93         | 3           | Horizontal | 13             | 2.68          |
| 5240MHz                  | Pass   | PK   | 5.2442G      | 115.04            | Inf               | -Inf           | 3           | Horizontal | 13             | 2.68          |
| 5240MHz                  | Pass   | PK   | 5.3594G      | 56.08             | 74.00             | -17.92         | 3           | Horizontal | 13             | 2.68          |
| 5240MHz                  | Pass   | PK   | 10.48882G    | 54.21             | 68.20             | -13.99         | 3           | Vertical   | 166            | 2.07          |
| 5240MHz                  | Pass   | PK   | 10.47772G    | 53.10             | 68.20             | -15.10         | 3           | Horizontal | 271            | 2.44          |
| 5745MHz                  | Pass   | AV   | 5.7414G      | 102.08            | Inf               | -Inf           | 3           | Vertical   | 31             | 1.38          |
| 5745MHz                  | Pass   | PK   | 5.5566G      | 57.50             | 68.20             | -10.70         | 3           | Vertical   | 31             | 1.38          |
| 5745MHz                  | Pass   | PK   | 5.7414G      | 110.65            | Inf               | -Inf           | 3           | Vertical   | 31             | 1.38          |
| 5745MHz                  | Pass   | PK   | 5.9358G      | 59.64             | 68.20             | -8.56          | 3           | Vertical   | 31             | 1.38          |
| 5745MHz                  | Pass   | AV   | 5.7426G      | 107.44            | Inf               | -Inf           | 3           | Horizontal | 341            | 2.92          |
| 5745MHz                  | Pass   | PK   | 5.5254G      | 57.92             | 68.20             | -10.28         | 3           | Horizontal | 341            | 2.92          |
| 5745MHz                  | Pass   | PK   | 5.7414G      | 115.14            | Inf               | -Inf           | 3           | Horizontal | 341            | 2.92          |
| 5745MHz                  | Pass   | PK   | 6.027G       | 58.97             | 68.20             | -9.23          | 3           | Horizontal | 341            | 2.92          |
| 5745MHz                  | Pass   | AV   | 11.49204G    | 42.74             | 54.00             | -11.26         | 3           | Vertical   | 260            | 2.14          |
| 5745MHz                  | Pass   | PK   | 11.49111G    | 53.61             | 74.00             | -20.39         | 3           | Vertical   | 260            | 2.14          |
| 5745MHz                  | Pass   | AV   | 11.49187G    | 42.75             | 54.00             | -11.25         | 3           | Horizontal | 158            | 1.99          |
| 5745MHz                  | Pass   | PK   | 11.49052G    | 54.03             | 74.00             | -19.97         | 3           | Horizontal | 158            | 1.99          |
| 5785MHz                  | Pass   | AV   | 5.78371G     | 101.54            | Inf               | -Inf           | 3           | Vertical   | 33             | 1.39          |
| 5785MHz                  | Pass   | PK   | 5.60705G     | 58.27             | 68.20             | -9.93          | 3           | Vertical   | 33             | 1.39          |
| 5785MHz                  | Pass   | PK   | 5.78855G     | 109.39            | Inf               | -Inf           | 3           | Vertical   | 33             | 1.39          |
| 5785MHz                  | Pass   | PK   | 5.9398G      | 58.89             | 68.20             | -9.31          | 3           | Vertical   | 33             | 1.39          |
| 5785MHz                  | Pass   | AV   | 5.78371G     | 107.82            | Inf               | -Inf           | 3           | Horizontal | 348            | 2.10          |
| 5785MHz                  | Pass   | PK   | 5.58769G     | 58.62             | 68.20             | -9.58          | 3           | Horizontal | 348            | 2.10          |
| 5785MHz                  | Pass   | PK   | 5.78371G     | 115.03            | Inf               | -Inf           | 3           | Horizontal | 348            | 2.10          |
| 5785MHz                  | Pass   | PK   | 5.93133G     | 58.77             | 68.20             | -9.43          | 3           | Horizontal | 348            | 2.10          |
| 5785MHz                  | Pass   | AV   | 11.56833G    | 42.77             | 54.00             | -11.23         | 3           | Vertical   | 339            | 2.21          |
| 5785MHz                  | Pass   | PK   | 11.56806G    | 52.67             | 74.00             | -21.33         | 3           | Vertical   | 339            | 2.21          |
| 5785MHz                  | Pass   | AV   | 11.56773G    | 42.56             | 54.00             | -11.44         | 3           | Horizontal | 178            | 2.97          |
| 5785MHz                  | Pass   | PK   | 11.5683G     | 53.52             | 74.00             | -20.48         | 3           | Horizontal | 178            | 2.97          |
| 5825MHz                  | Pass   | AV   | 5.8238G      | 102.29            | Inf               | -Inf           | 3           | Vertical   | 28             | 2.31          |
| 5825MHz                  | Pass   | PK   | 5.6078G      | 57.69             | 68.20             | -10.51         | 3           | Vertical   | 28             | 2.31          |



## RSE TX above 1GHz\_C-330\_Radio 0

## Appendix E.2

| 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) |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|
| 5825MHz                        | Pass   | PK   | 5.8238G      | 110.19            | Inf               | -Inf           | 3           | Vertical   | 28             | 2.31          |
| 5825MHz                        | Pass   | PK   | 5.9486G      | 58.59             | 68.20             | -9.61          | 3           | Vertical   | 28             | 2.31          |
| 5825MHz                        | Pass   | AV   | 5.8286G      | 108.69            | Inf               | -Inf           | 3           | Horizontal | 345            | 2.76          |
| 5825MHz                        | Pass   | PK   | 5.5562G      | 58.12             | 68.20             | -10.08         | 3           | Horizontal | 345            | 2.76          |
| 5825MHz                        | Pass   | PK   | 5.8286G      | 116.66            | Inf               | -Inf           | 3           | Horizontal | 345            | 2.76          |
| 5825MHz                        | Pass   | PK   | 5.9882G      | 58.37             | 68.20             | -9.83          | 3           | Horizontal | 345            | 2.76          |
| 5825MHz                        | Pass   | AV   | 11.65029G    | 42.72             | 54.00             | -11.28         | 3           | Vertical   | 342            | 1.93          |
| 5825MHz                        | Pass   | PK   | 11.64897G    | 53.63             | 74.00             | -20.37         | 3           | Vertical   | 342            | 1.93          |
| 5825MHz                        | Pass   | AV   | 11.6524G     | 42.73             | 54.00             | -11.27         | 3           | Horizontal | 75             | 2.15          |
| 5825MHz                        | Pass   | PK   | 11.65156G    | 53.49             | 74.00             | -20.51         | 3           | Horizontal | 75             | 2.15          |
| 802.11ax HEW20_Nss1.(MCS0)_2TX | -      | -    | -            | -                 | -                 | -              | -           | -          | -              | -             |
| 5180MHz                        | Pass   | AV   | 5.1492G      | 46.15             | 54.00             | -7.85          | 3           | Vertical   | 331            | 2.46          |
| 5180MHz                        | Pass   | AV   | 5.179G       | 102.09            | Inf               | -Inf           | 3           | Vertical   | 331            | 2.46          |
| 5180MHz                        | Pass   | PK   | 5.1376G      | 57.81             | 74.00             | -16.19         | 3           | Vertical   | 331            | 2.46          |
| 5180MHz                        | Pass   | PK   | 5.1788G      | 112.05            | Inf               | -Inf           | 3           | Vertical   | 331            | 2.46          |
| 5180MHz                        | Pass   | AV   | 5.1498G      | 47.28             | 54.00             | -6.72          | 3           | Horizontal | 48             | 1.00          |
| 5180MHz                        | Pass   | AV   | 5.181G       | 106.59            | Inf               | -Inf           | 3           | Horizontal | 48             | 1.00          |
| 5180MHz                        | Pass   | PK   | 5.1412G      | 57.73             | 74.00             | -16.27         | 3           | Horizontal | 48             | 1.00          |
| 5180MHz                        | Pass   | PK   | 5.1798G      | 117.47            | Inf               | -Inf           | 3           | Horizontal | 48             | 1.00          |
| 5180MHz                        | Pass   | PK   | 10.36104G    | 52.96             | 68.20             | -15.24         | 3           | Vertical   | 116            | 1.71          |
| 5180MHz                        | Pass   | PK   | 10.37272G    | 53.02             | 68.20             | -15.18         | 3           | Horizontal | 0              | 2.36          |
| 5200MHz                        | Pass   | AV   | 5.1072G      | 45.82             | 54.00             | -8.18          | 3           | Vertical   | 332            | 2.59          |
| 5200MHz                        | Pass   | AV   | 5.2044G      | 102.03            | Inf               | -Inf           | 3           | Vertical   | 332            | 2.59          |
| 5200MHz                        | Pass   | PK   | 5.1032G      | 56.71             | 74.00             | -17.29         | 3           | Vertical   | 332            | 2.59          |
| 5200MHz                        | Pass   | PK   | 5.2032G      | 111.77            | Inf               | -Inf           | 3           | Vertical   | 332            | 2.59          |
| 5200MHz                        | Pass   | AV   | 5.1432G      | 46.35             | 54.00             | -7.65          | 3           | Horizontal | 45             | 1.00          |
| 5200MHz                        | Pass   | AV   | 5.1968G      | 106.93            | Inf               | -Inf           | 3           | Horizontal | 45             | 1.00          |
| 5200MHz                        | Pass   | PK   | 5.1252G      | 57.55             | 74.00             | -16.45         | 3           | Horizontal | 45             | 1.00          |
| 5200MHz                        | Pass   | PK   | 5.1964G      | 117.76            | Inf               | -Inf           | 3           | Horizontal | 45             | 1.00          |
| 5200MHz                        | Pass   | PK   | 10.39048G    | 52.34             | 68.20             | -15.86         | 3           | Vertical   | 105            | 2.16          |
| 5200MHz                        | Pass   | PK   | 10.41344G    | 53.81             | 68.20             | -14.39         | 3           | Horizontal | 256            | 2.57          |
| 5240MHz                        | Pass   | AV   | 5.1416G      | 45.86             | 54.00             | -8.14          | 3           | Vertical   | 346            | 2.37          |
| 5240MHz                        | Pass   | AV   | 5.2394G      | 101.29            | Inf               | -Inf           | 3           | Vertical   | 346            | 2.37          |
| 5240MHz                        | Pass   | AV   | 5.39G        | 44.55             | 54.00             | -9.45          | 3           | Vertical   | 346            | 2.37          |
| 5240MHz                        | Pass   | PK   | 5.0924G      | 56.96             | 74.00             | -17.04         | 3           | Vertical   | 346            | 2.37          |
| 5240MHz                        | Pass   | PK   | 5.2394G      | 111.49            | Inf               | -Inf           | 3           | Vertical   | 346            | 2.37          |
| 5240MHz                        | Pass   | PK   | 5.39G        | 55.45             | 74.00             | -18.55         | 3           | Vertical   | 346            | 2.37          |
| 5240MHz                        | Pass   | AV   | 5.1476G      | 46.52             | 54.00             | -7.48          | 3           | Horizontal | 46             | 1.00          |
| 5240MHz                        | Pass   | AV   | 5.2358G      | 106.97            | Inf               | -Inf           | 3           | Horizontal | 46             | 1.00          |
| 5240MHz                        | Pass   | AV   | 5.3762G      | 46.97             | 54.00             | -7.03          | 3           | Horizontal | 46             | 1.00          |
| 5240MHz                        | Pass   | PK   | 5.1494G      | 57.45             | 74.00             | -16.55         | 3           | Horizontal | 46             | 1.00          |
| 5240MHz                        | Pass   | PK   | 5.237G       | 116.58            | Inf               | -Inf           | 3           | Horizontal | 46             | 1.00          |
| 5240MHz                        | Pass   | PK   | 5.3876G      | 55.74             | 74.00             | -18.26         | 3           | Horizontal | 46             | 1.00          |
| 5240MHz                        | Pass   | PK   | 10.47232G    | 52.74             | 68.20             | -15.46         | 3           | Vertical   | 325            | 1.31          |
| 5240MHz                        | Pass   | PK   | 10.46472G    | 53.07             | 68.20             | -15.13         | 3           | Horizontal | 146            | 2.59          |
| 5745MHz                        | Pass   | AV   | 5.7438G      | 100.70            | Inf               | -Inf           | 3           | Vertical   | 27             | 2.25          |
| 5745MHz                        | Pass   | PK   | 5.6058G      | 56.46             | 68.20             | -11.74         | 3           | Vertical   | 27             | 2.25          |
| 5745MHz                        | Pass   | PK   | 5.7426G      | 109.54            | Inf               | -Inf           | 3           | Vertical   | 27             | 2.25          |
| 5745MHz                        | Pass   | PK   | 5.9886G      | 57.26             | 68.20             | -10.94         | 3           | Vertical   | 27             | 2.25          |
| 5745MHz                        | Pass   | AV   | 5.7402G      | 105.88            | Inf               | -Inf           | 3           | Horizontal | 339            | 2.50          |
| 5745MHz                        | Pass   | PK   | 5.5674G      | 57.19             | 68.20             | -11.01         | 3           | Horizontal | 339            | 2.50          |
| 5745MHz                        | Pass   | PK   | 5.7414G      | 115.23            | Inf               | -Inf           | 3           | Horizontal | 339            | 2.50          |
| 5745MHz                        | Pass   | PK   | 5.9286G      | 58.42             | 68.20             | -9.78          | 3           | Horizontal | 339            | 2.50          |
| 5745MHz                        | Pass   | AV   | 11.49592G    | 41.59             | 54.00             | -12.41         | 3           | Vertical   | 360            | 1.21          |
| 5745MHz                        | Pass   | PK   | 11.50008G    | 52.96             | 74.00             | -21.04         | 3           | Vertical   | 360            | 1.21          |
| 5745MHz                        | Pass   | AV   | 11.5068G     | 41.60             | 54.00             | -12.40         | 3           | Horizontal | 291            | 2.55          |
| 5745MHz                        | Pass   | PK   | 11.50808G    | 53.02             | 74.00             | -20.98         | 3           | Horizontal | 291            | 2.55          |
| 5785MHz                        | Pass   | AV   | 5.7826G      | 100.77            | Inf               | -Inf           | 3           | Vertical   | 26             | 1.19          |
| 5785MHz                        | Pass   | PK   | 5.5774G      | 56.49             | 68.20             | -11.71         | 3           | Vertical   | 26             | 1.19          |
| 5785MHz                        | Pass   | PK   | 5.7838G      | 110.97            | Inf               | -Inf           | 3           | Vertical   | 26             | 1.19          |
| 5785MHz                        | Pass   | PK   | 5.9722G      | 57.52             | 68.20             | -10.68         | 3           | Vertical   | 26             | 1.19          |
| 5785MHz                        | Pass   | AV   | 5.7838G      | 106.81            | Inf               | -Inf           | 3           | Horizontal | 345            | 2.01          |



## RSE TX above 1GHz\_C-330\_Radio 0

## Appendix E.2

| Mode                           | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) |
|--------------------------------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|
| 5785MHz                        | Pass   | PK   | 5.5702G   | 57.92          | 68.20          | -10.28      | 3        | Horizontal | 345         | 2.01       |
| 5785MHz                        | Pass   | PK   | 5.7838G   | 115.63         | Inf            | -Inf        | 3        | Horizontal | 345         | 2.01       |
| 5785MHz                        | Pass   | PK   | 5.9266G   | 57.87          | 68.20          | -10.33      | 3        | Horizontal | 345         | 2.01       |
| 5785MHz                        | Pass   | AV   | 11.57384G | 41.44          | 54.00          | -12.56      | 3        | Vertical   | 125         | 1.47       |
| 5785MHz                        | Pass   | PK   | 11.55216G | 52.84          | 74.00          | -21.16      | 3        | Vertical   | 125         | 1.47       |
| 5785MHz                        | Pass   | AV   | 11.5624G  | 41.50          | 54.00          | -12.50      | 3        | Horizontal | 199         | 1.22       |
| 5785MHz                        | Pass   | PK   | 11.55488G | 52.97          | 74.00          | -21.03      | 3        | Horizontal | 199         | 1.22       |
| 5825MHz                        | Pass   | AV   | 5.8214G   | 100.63         | Inf            | -Inf        | 3        | Vertical   | 321         | 2.83       |
| 5825MHz                        | Pass   | PK   | 5.6162G   | 56.74          | 68.20          | -11.46      | 3        | Vertical   | 321         | 2.83       |
| 5825MHz                        | Pass   | PK   | 5.831G    | 110.70         | Inf            | -Inf        | 3        | Vertical   | 321         | 2.83       |
| 5825MHz                        | Pass   | PK   | 6.1202G   | 57.25          | 68.20          | -10.95      | 3        | Vertical   | 321         | 2.83       |
| 5825MHz                        | Pass   | AV   | 5.8226G   | 107.27         | Inf            | -Inf        | 3        | Horizontal | 345         | 1.90       |
| 5825MHz                        | Pass   | PK   | 5.6294G   | 57.62          | 68.20          | -10.58      | 3        | Horizontal | 345         | 1.90       |
| 5825MHz                        | Pass   | PK   | 5.8238G   | 116.13         | Inf            | -Inf        | 3        | Horizontal | 345         | 1.90       |
| 5825MHz                        | Pass   | PK   | 5.9342G   | 57.83          | 68.20          | -10.37      | 3        | Horizontal | 345         | 1.90       |
| 5825MHz                        | Pass   | AV   | 11.64128G | 41.72          | 54.00          | -12.28      | 3        | Vertical   | 17          | 2.43       |
| 5825MHz                        | Pass   | PK   | 11.65928G | 52.85          | 74.00          | -21.15      | 3        | Vertical   | 17          | 2.43       |
| 5825MHz                        | Pass   | AV   | 11.66656G | 41.69          | 54.00          | -12.31      | 3        | Horizontal | 232         | 2.58       |
| 5825MHz                        | Pass   | PK   | 11.6412G  | 53.33          | 74.00          | -20.67      | 3        | Horizontal | 232         | 2.58       |
| 802.11ax HEW40_Nss1.(MCS0)_2TX | -      | -    | -         | -              | -              | -           | -        | -          | -           | -          |
| 5190MHz                        | Pass   | AV   | 5.144G    | 46.85          | 54.00          | -7.15       | 3        | Vertical   | 331         | 2.45       |
| 5190MHz                        | Pass   | AV   | 5.1936G   | 99.59          | Inf            | -Inf        | 3        | Vertical   | 331         | 2.45       |
| 5190MHz                        | Pass   | PK   | 5.1436G   | 57.17          | 74.00          | -16.83      | 3        | Vertical   | 331         | 2.45       |
| 5190MHz                        | Pass   | PK   | 5.184G    | 109.55         | Inf            | -Inf        | 3        | Vertical   | 331         | 2.45       |
| 5190MHz                        | Pass   | AV   | 5.1476G   | 49.07          | 54.00          | -4.93       | 3        | Horizontal | 8           | 1.43       |
| 5190MHz                        | Pass   | AV   | 5.188G    | 103.17         | Inf            | -Inf        | 3        | Horizontal | 8           | 1.43       |
| 5190MHz                        | Pass   | PK   | 5.148G    | 60.10          | 74.00          | -13.90      | 3        | Horizontal | 8           | 1.43       |
| 5190MHz                        | Pass   | PK   | 5.1884G   | 114.31         | Inf            | -Inf        | 3        | Horizontal | 8           | 1.43       |
| 5190MHz                        | Pass   | PK   | 10.36008G | 52.47          | 68.20          | -15.73      | 3        | Vertical   | 253         | 2.02       |
| 5190MHz                        | Pass   | PK   | 10.37432G | 53.35          | 68.20          | -14.85      | 3        | Horizontal | 196         | 2.13       |
| 5230MHz                        | Pass   | AV   | 5.1476G   | 46.03          | 54.00          | -7.97       | 3        | Vertical   | 348         | 2.38       |
| 5230MHz                        | Pass   | AV   | 5.2244G   | 98.98          | Inf            | -Inf        | 3        | Vertical   | 348         | 2.38       |
| 5230MHz                        | Pass   | PK   | 5.1352G   | 57.00          | 74.00          | -17.00      | 3        | Vertical   | 348         | 2.38       |
| 5230MHz                        | Pass   | PK   | 5.2328G   | 109.32         | Inf            | -Inf        | 3        | Vertical   | 348         | 2.38       |
| 5230MHz                        | Pass   | AV   | 5.15G     | 46.38          | 54.00          | -7.62       | 3        | Horizontal | 6           | 2.31       |
| 5230MHz                        | Pass   | AV   | 5.2324G   | 103.39         | Inf            | -Inf        | 3        | Horizontal | 6           | 2.31       |
| 5230MHz                        | Pass   | PK   | 5.1332G   | 56.87          | 74.00          | -17.13      | 3        | Horizontal | 6           | 2.31       |
| 5230MHz                        | Pass   | PK   | 5.2312G   | 114.10         | Inf            | -Inf        | 3        | Horizontal | 6           | 2.31       |
| 5230MHz                        | Pass   | PK   | 10.47624G | 52.23          | 68.20          | -15.97      | 3        | Vertical   | 131         | 1.46       |
| 5230MHz                        | Pass   | PK   | 10.45816G | 53.04          | 68.20          | -15.16      | 3        | Horizontal | 283         | 2.04       |
| 5755MHz                        | Pass   | AV   | 5.7526G   | 97.95          | Inf            | -Inf        | 3        | Vertical   | 29          | 2.24       |
| 5755MHz                        | Pass   | PK   | 5.5486G   | 56.66          | 68.20          | -11.54      | 3        | Vertical   | 29          | 2.24       |
| 5755MHz                        | Pass   | PK   | 5.743G    | 107.42         | Inf            | -Inf        | 3        | Vertical   | 29          | 2.24       |
| 5755MHz                        | Pass   | PK   | 5.9338G   | 57.34          | 68.20          | -10.86      | 3        | Vertical   | 29          | 2.24       |
| 5755MHz                        | Pass   | AV   | 5.7634G   | 103.92         | Inf            | -Inf        | 3        | Horizontal | 345         | 2.06       |
| 5755MHz                        | Pass   | PK   | 5.6458G   | 59.27          | 68.20          | -8.93       | 3        | Horizontal | 345         | 2.06       |
| 5755MHz                        | Pass   | PK   | 5.7646G   | 112.77         | Inf            | -Inf        | 3        | Horizontal | 345         | 2.06       |
| 5755MHz                        | Pass   | PK   | 5.9326G   | 56.65          | 68.20          | -11.55      | 3        | Horizontal | 345         | 2.06       |
| 5755MHz                        | Pass   | AV   | 11.50896G | 41.49          | 54.00          | -12.51      | 3        | Vertical   | 268         | 2.86       |
| 5755MHz                        | Pass   | PK   | 11.49608G | 52.85          | 74.00          | -21.15      | 3        | Vertical   | 268         | 2.86       |
| 5755MHz                        | Pass   | AV   | 11.5164G  | 41.56          | 54.00          | -12.44      | 3        | Horizontal | 299         | 2.36       |
| 5755MHz                        | Pass   | PK   | 11.49128G | 52.45          | 74.00          | -21.55      | 3        | Horizontal | 299         | 2.36       |
| 5795MHz                        | Pass   | AV   | 5.7926G   | 97.92          | Inf            | -Inf        | 3        | Vertical   | 28          | 2.36       |
| 5795MHz                        | Pass   | PK   | 5.6066G   | 56.31          | 68.20          | -11.89      | 3        | Vertical   | 28          | 2.36       |
| 5795MHz                        | Pass   | PK   | 5.7926G   | 106.88         | Inf            | -Inf        | 3        | Vertical   | 28          | 2.36       |
| 5795MHz                        | Pass   | PK   | 5.9534G   | 57.43          | 68.20          | -10.77      | 3        | Vertical   | 28          | 2.36       |
| 5795MHz                        | Pass   | AV   | 5.7902G   | 104.33         | Inf            | -Inf        | 3        | Horizontal | 342         | 2.46       |
| 5795MHz                        | Pass   | PK   | 5.609G    | 57.68          | 68.20          | -10.52      | 3        | Horizontal | 342         | 2.46       |
| 5795MHz                        | Pass   | PK   | 5.7998G   | 113.01         | Inf            | -Inf        | 3        | Horizontal | 342         | 2.46       |
| 5795MHz                        | Pass   | PK   | 6.0062G   | 57.30          | 68.20          | -10.90      | 3        | Horizontal | 342         | 2.46       |
| 5795MHz                        | Pass   | AV   | 11.58856G | 41.46          | 54.00          | -12.54      | 3        | Vertical   | 47          | 1.97       |
| 5795MHz                        | Pass   | PK   | 11.57944G | 53.65          | 74.00          | -20.35      | 3        | Vertical   | 47          | 1.97       |



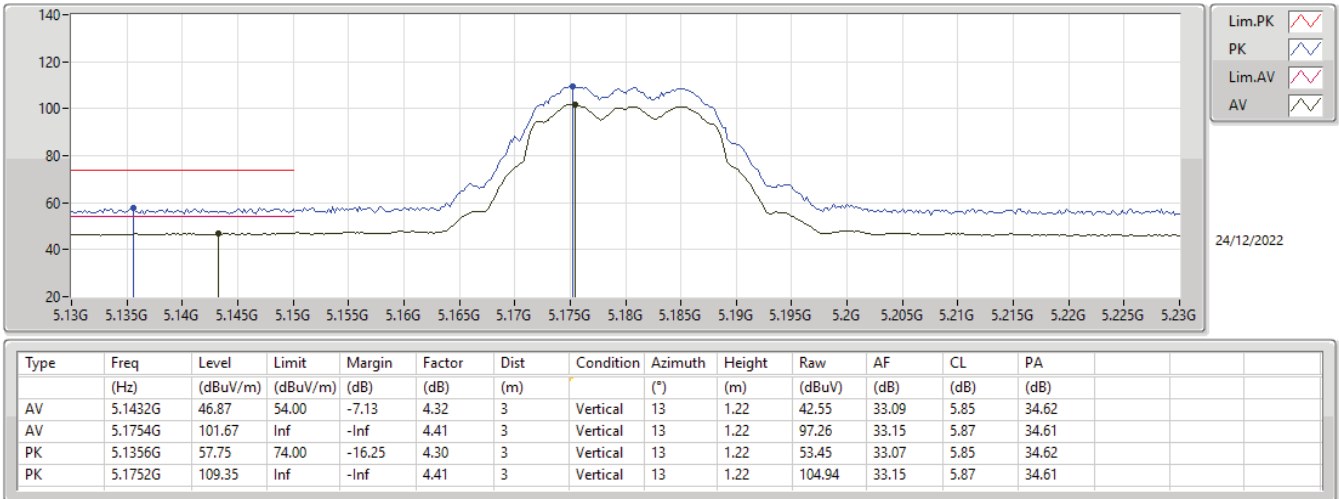
## RSE TX above 1GHz\_C-330\_Radio 0

## Appendix E.2

| Mode                           | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) |
|--------------------------------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|
| 5795MHz                        | Pass   | AV   | 11.60728G | 41.44          | 54.00          | -12.56      | 3        | Horizontal | 83          | 2.58       |
| 5795MHz                        | Pass   | PK   | 11.5732G  | 54.40          | 74.00          | -19.60      | 3        | Horizontal | 83          | 2.58       |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | -      | -    | -         | -              | -              | -           | -        | -          | -           | -          |
| 5210MHz                        | Pass   | AV   | 5.146G    | 47.09          | 54.00          | -6.91       | 3        | Vertical   | 16          | 1.50       |
| 5210MHz                        | Pass   | AV   | 5.207G    | 94.19          | Inf            | -Inf        | 3        | Vertical   | 16          | 1.50       |
| 5210MHz                        | Pass   | AV   | 5.376G    | 44.93          | 54.00          | -9.07       | 3        | Vertical   | 16          | 1.50       |
| 5210MHz                        | Pass   | PK   | 5.146G    | 60.29          | 74.00          | -13.71      | 3        | Vertical   | 16          | 1.50       |
| 5210MHz                        | Pass   | PK   | 5.227G    | 104.60         | Inf            | -Inf        | 3        | Vertical   | 16          | 1.50       |
| 5210MHz                        | Pass   | PK   | 5.408G    | 56.47          | 74.00          | -17.53      | 3        | Vertical   | 16          | 1.50       |
| 5210MHz                        | Pass   | AV   | 5.146G    | 51.16          | 54.00          | -2.84       | 3        | Horizontal | 50          | 1.01       |
| 5210MHz                        | Pass   | AV   | 5.215G    | 100.90         | Inf            | -Inf        | 3        | Horizontal | 50          | 1.01       |
| 5210MHz                        | Pass   | AV   | 5.376G    | 48.25          | 54.00          | -5.75       | 3        | Horizontal | 50          | 1.01       |
| 5210MHz                        | Pass   | PK   | 5.145G    | 63.81          | 74.00          | -10.19      | 3        | Horizontal | 50          | 1.01       |
| 5210MHz                        | Pass   | PK   | 5.216G    | 111.52         | Inf            | -Inf        | 3        | Horizontal | 50          | 1.01       |
| 5210MHz                        | Pass   | PK   | 5.393G    | 56.75          | 74.00          | -17.25      | 3        | Horizontal | 50          | 1.01       |
| 5210MHz                        | Pass   | PK   | 10.37368G | 53.99          | 68.20          | -14.21      | 3        | Vertical   | 194         | 1.50       |
| 5210MHz                        | Pass   | PK   | 10.4752G  | 53.89          | 68.20          | -14.31      | 3        | Horizontal | 354         | 1.50       |
| 5775MHz                        | Pass   | AV   | 5.7702G   | 94.90          | Inf            | -Inf        | 3        | Vertical   | 326         | 1.69       |
| 5775MHz                        | Pass   | PK   | 5.6406G   | 57.60          | 68.20          | -10.60      | 3        | Vertical   | 326         | 1.69       |
| 5775MHz                        | Pass   | PK   | 5.7906G   | 103.88         | Inf            | -Inf        | 3        | Vertical   | 326         | 1.69       |
| 5775MHz                        | Pass   | PK   | 5.9442G   | 57.99          | 68.20          | -10.21      | 3        | Vertical   | 326         | 1.69       |
| 5775MHz                        | Pass   | AV   | 5.7642G   | 100.73         | Inf            | -Inf        | 3        | Horizontal | 348         | 2.11       |
| 5775MHz                        | Pass   | PK   | 5.6514G   | 62.19          | 69.24          | -7.05       | 3        | Horizontal | 348         | 2.11       |
| 5775MHz                        | Pass   | PK   | 5.763G    | 110.73         | Inf            | -Inf        | 3        | Horizontal | 348         | 2.11       |
| 5775MHz                        | Pass   | PK   | 5.9946G   | 57.17          | 68.20          | -11.03      | 3        | Horizontal | 348         | 2.11       |
| 5775MHz                        | Pass   | AV   | 11.50608G | 42.04          | 54.00          | -11.96      | 3        | Vertical   | 255         | 1.74       |
| 5775MHz                        | Pass   | PK   | 11.56632G | 54.31          | 74.00          | -19.69      | 3        | Vertical   | 255         | 1.74       |
| 5775MHz                        | Pass   | AV   | 11.49504G | 42.01          | 54.00          | -11.99      | 3        | Horizontal | 162         | 1.52       |
| 5775MHz                        | Pass   | PK   | 11.49936G | 53.89          | 74.00          | -20.11      | 3        | Horizontal | 162         | 1.52       |

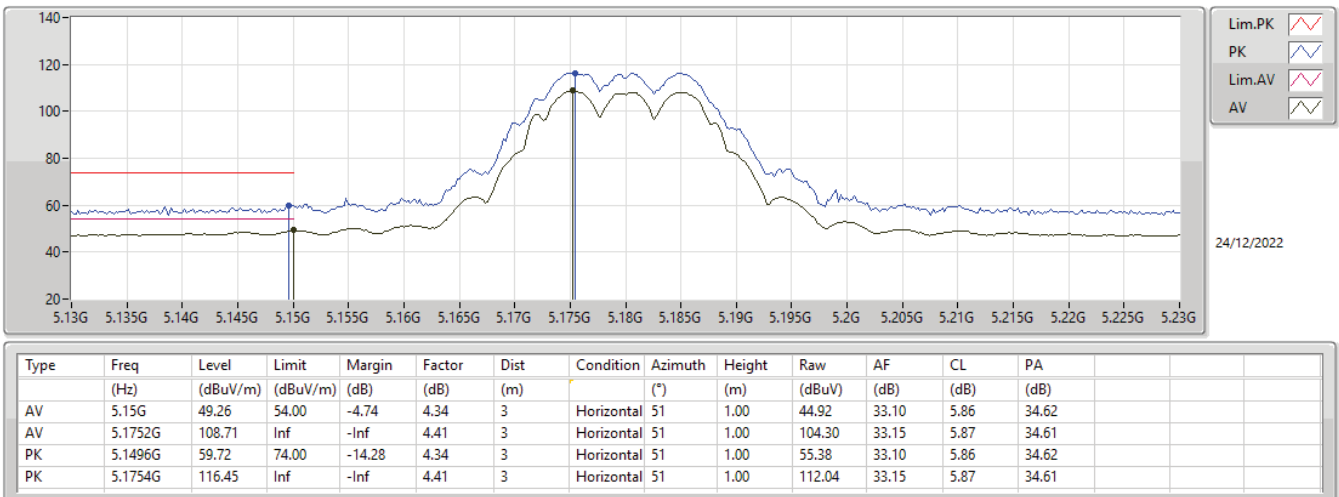
## 5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

## 5180MHz\_TX



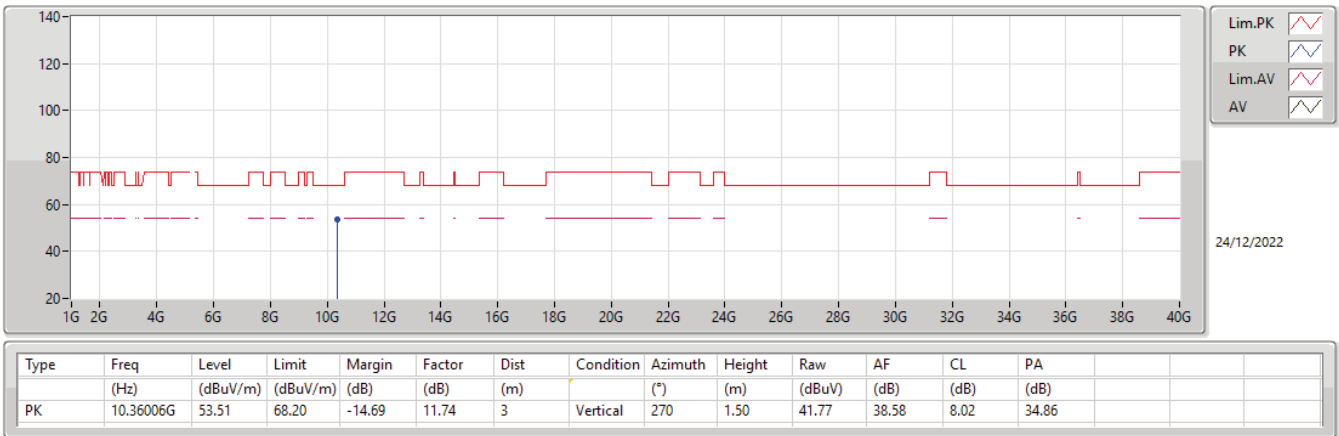
## 5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

## 5180MHz\_TX



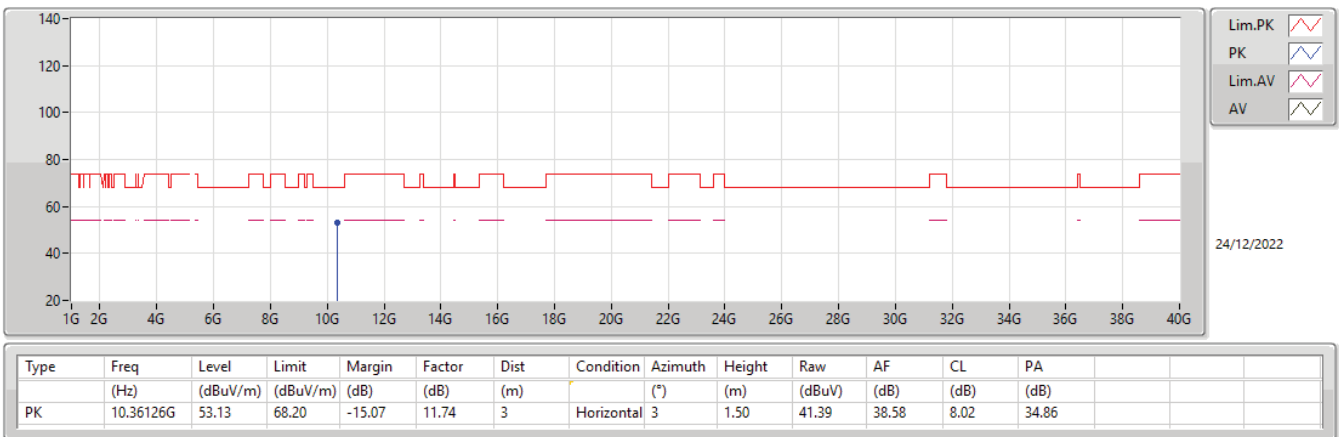
## 5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

### 5180MHz\_TX



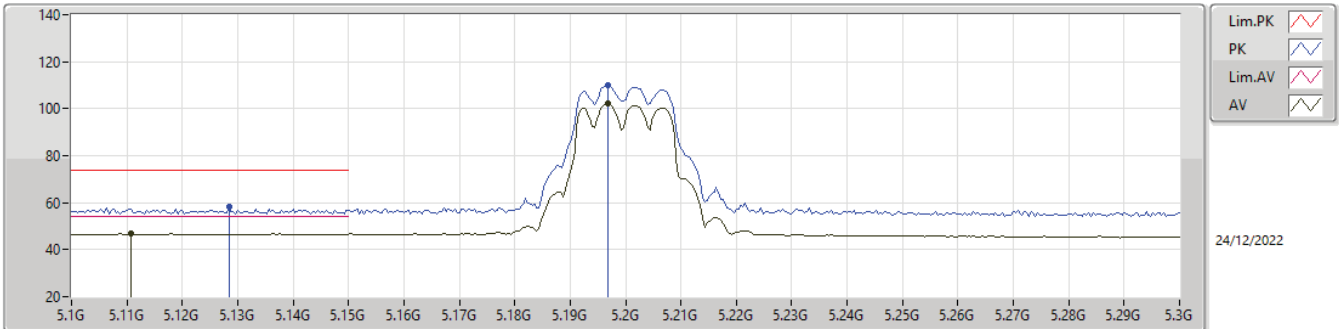
## 5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

### 5180MHz\_TX



## 5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

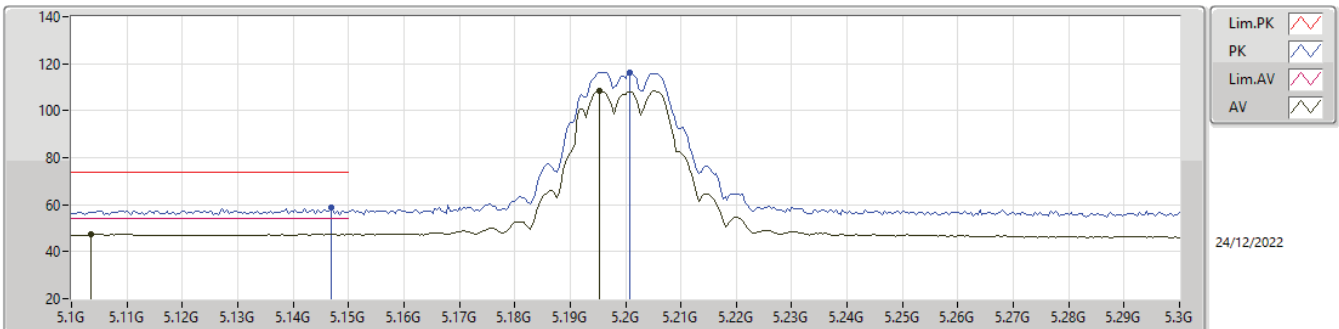
## 5200MHz\_TX



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Raw    | AF    | CL   | PA    |
|------|---------|----------|----------|--------|--------|------|-----------|---------|--------|--------|-------|------|-------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.1108G | 46.79    | 54.00    | -7.21  | 4.24   | 3    | Vertical  | 18      | 1.82   | 42.55  | 33.02 | 5.84 | 34.62 |
| AV   | 5.1968G | 102.01   | Inf      | -Inf   | 4.46   | 3    | Vertical  | 18      | 1.82   | 97.55  | 33.19 | 5.88 | 34.61 |
| PK   | 5.1284G | 58.03    | 74.00    | -15.97 | 4.29   | 3    | Vertical  | 18      | 1.82   | 53.74  | 33.06 | 5.85 | 34.62 |
| PK   | 5.1968G | 109.93   | Inf      | -Inf   | 4.46   | 3    | Vertical  | 18      | 1.82   | 105.47 | 33.19 | 5.88 | 34.61 |

## 5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

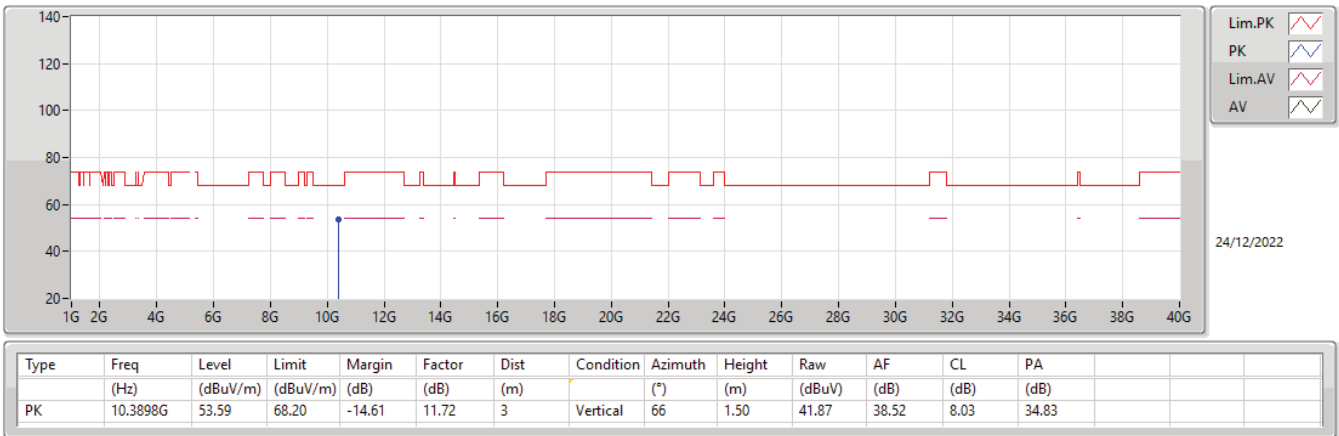
## 5200MHz\_TX



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Raw    | AF    | CL   | PA    |
|------|---------|----------|----------|--------|--------|------|------------|---------|--------|--------|-------|------|-------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.1036G | 47.67    | 54.00    | -6.33  | 4.23   | 3    | Horizontal | 49      | 1.01   | 43.44  | 33.01 | 5.84 | 34.62 |
| AV   | 5.1952G | 108.56   | Inf      | -Inf   | 4.46   | 3    | Horizontal | 49      | 1.01   | 104.10 | 33.19 | 5.88 | 34.61 |
| PK   | 5.1468G | 58.99    | 74.00    | -15.01 | 4.33   | 3    | Horizontal | 49      | 1.01   | 54.66  | 33.09 | 5.86 | 34.62 |
| PK   | 5.2008G | 116.20   | Inf      | -Inf   | 4.47   | 3    | Horizontal | 49      | 1.01   | 111.73 | 33.20 | 5.88 | 34.61 |

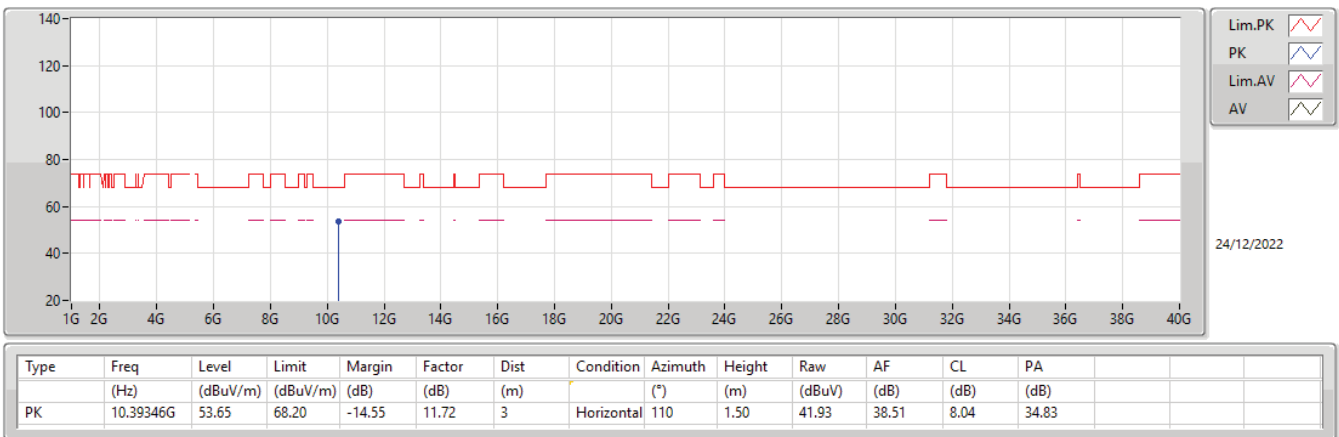
## 5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

### 5200MHz\_TX



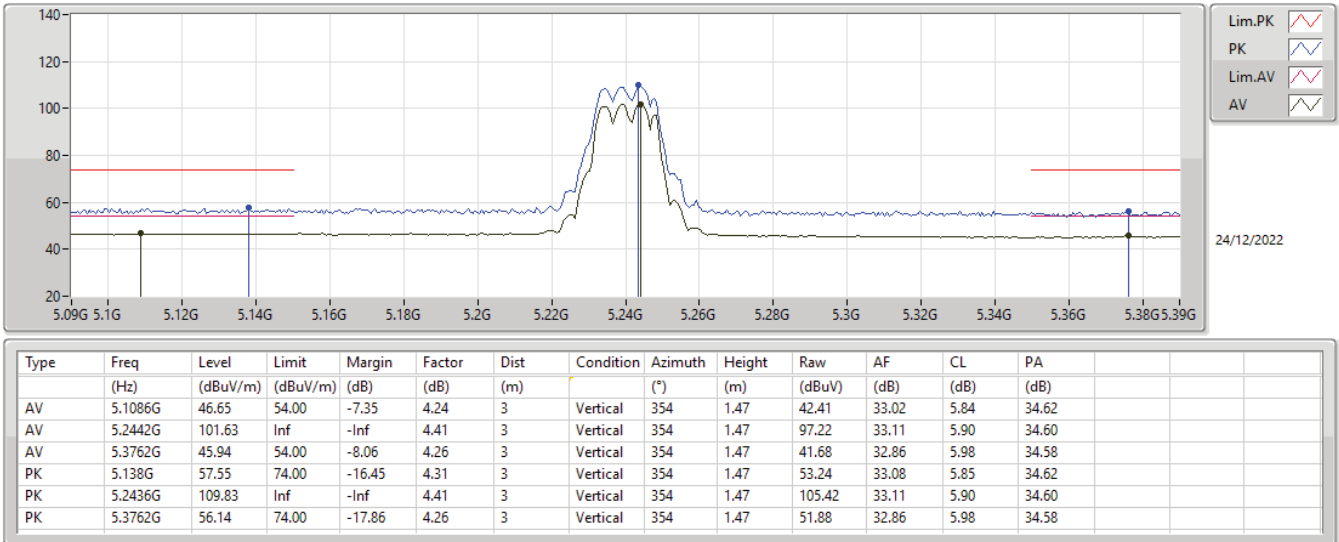
## 5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

### 5200MHz\_TX



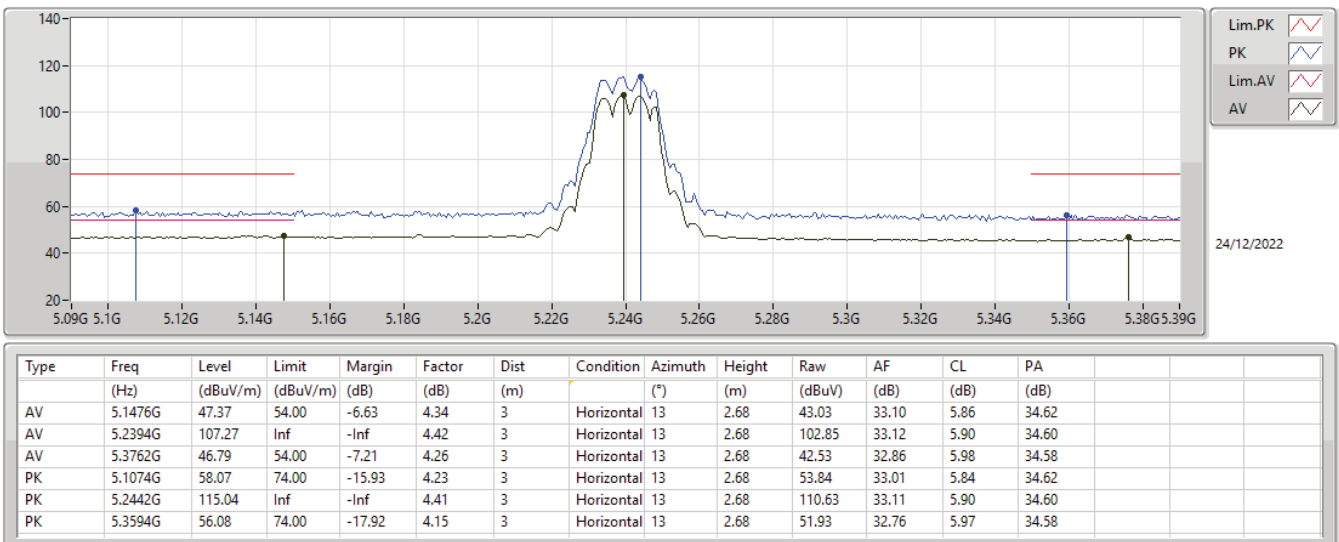
## 5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

### 5240MHz\_TX



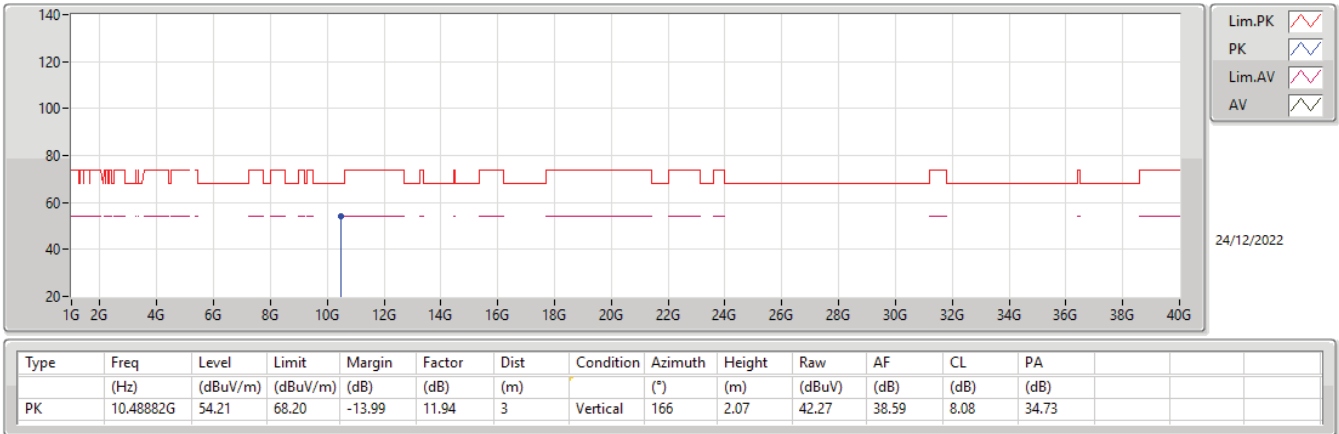
## 5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

### 5240MHz\_TX



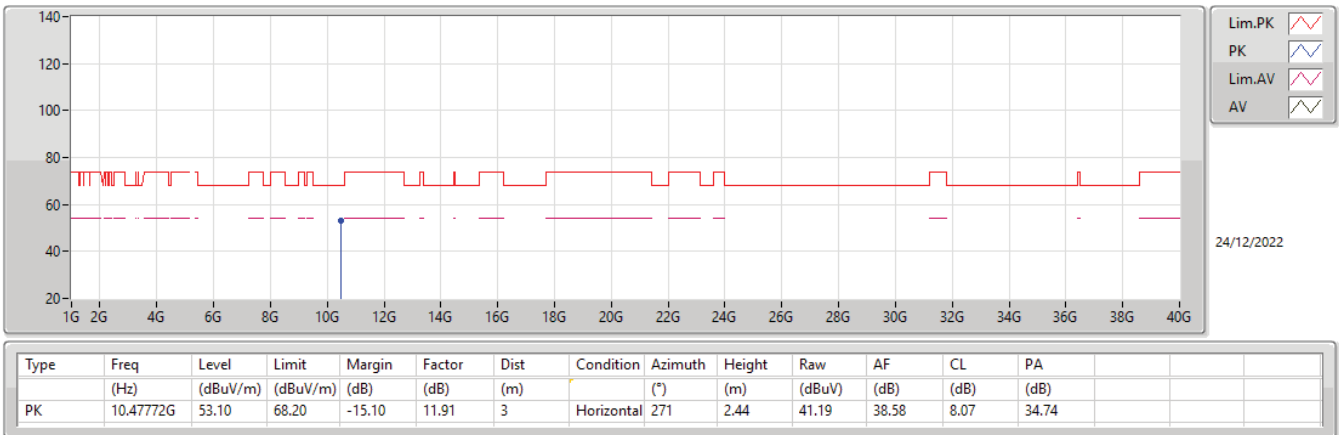
## 5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

### 5240MHz\_TX



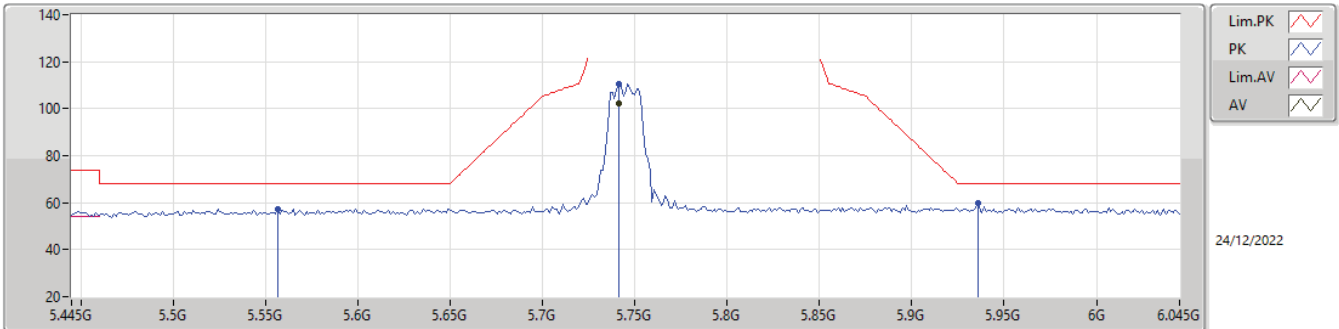
## 5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

### 5240MHz\_TX



## 5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

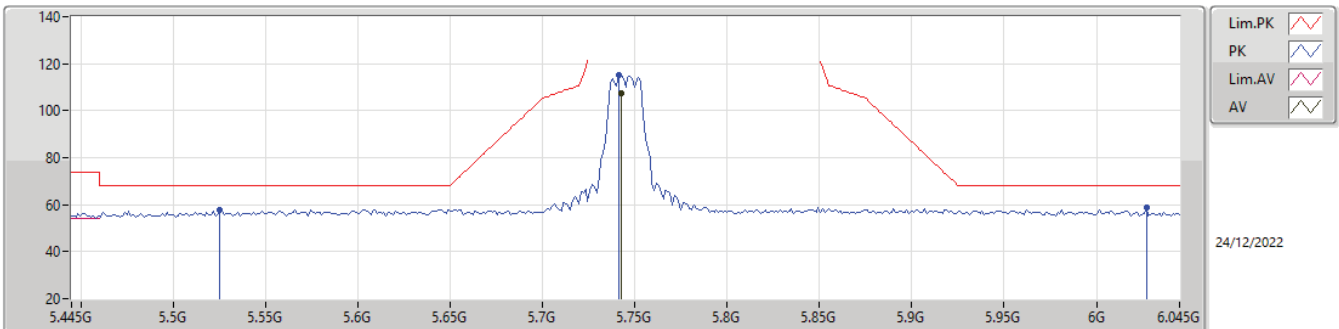
## 5745MHz\_TX



| Type | Freq     | Level    | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Raw    | AF    | CL   | PA    |
|------|----------|----------|-------|--------|--------|------|-----------|---------|--------|--------|-------|------|-------|
| (Hz) | (dBuV/m) | (dBuV/m) | (dB)  | (dB)   | (dB)   | (m)  |           | (°)     | (m)    | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.7414G  | 102.08   | Inf   | -Inf   | 5.19   | 3    | Vertical  | 31      | 1.38   | 96.89  | 33.57 | 6.16 | 34.54 |
| PK   | 5.5566G  | 57.50    | 68.20 | -10.70 | 4.48   | 3    | Vertical  | 31      | 1.38   | 53.02  | 33.00 | 6.04 | 34.56 |
| PK   | 5.7414G  | 110.65   | Inf   | -Inf   | 5.19   | 3    | Vertical  | 31      | 1.38   | 105.46 | 33.57 | 6.16 | 34.54 |
| PK   | 5.9358G  | 59.64    | 68.20 | -8.56  | 6.04   | 3    | Vertical  | 31      | 1.38   | 53.60  | 34.30 | 6.27 | 34.53 |

## 5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

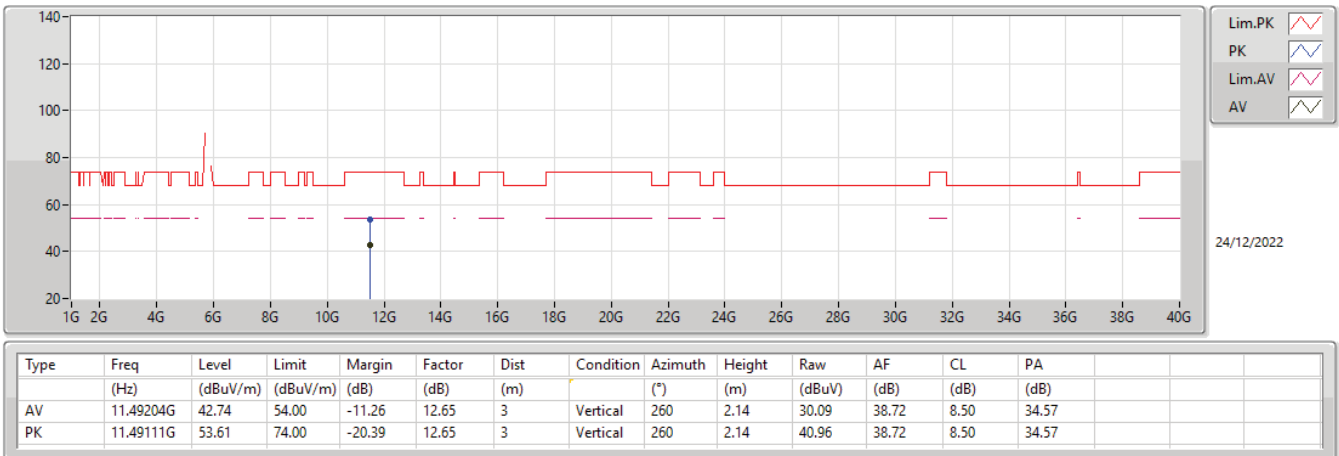
## 5745MHz\_TX



| Type | Freq     | Level    | Limit | Margin | Factor | Dist | Condition  | Azimuth | Height | Raw    | AF    | CL   | PA    |
|------|----------|----------|-------|--------|--------|------|------------|---------|--------|--------|-------|------|-------|
| (Hz) | (dBuV/m) | (dBuV/m) | (dB)  | (dB)   | (dB)   | (m)  |            | (°)     | (m)    | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.7426G  | 107.44   | Inf   | -Inf   | 5.19   | 3    | Horizontal | 341     | 2.92   | 102.25 | 33.57 | 6.16 | 34.54 |
| PK   | 5.5254G  | 57.92    | 68.20 | -10.28 | 4.42   | 3    | Horizontal | 341     | 2.92   | 53.50  | 32.95 | 6.03 | 34.56 |
| PK   | 5.7414G  | 115.14   | Inf   | -Inf   | 5.19   | 3    | Horizontal | 341     | 2.92   | 109.95 | 33.57 | 6.16 | 34.54 |
| PK   | 6.027G   | 58.97    | 68.20 | -9.23  | 5.88   | 3    | Horizontal | 341     | 2.92   | 53.09  | 34.09 | 6.31 | 34.52 |

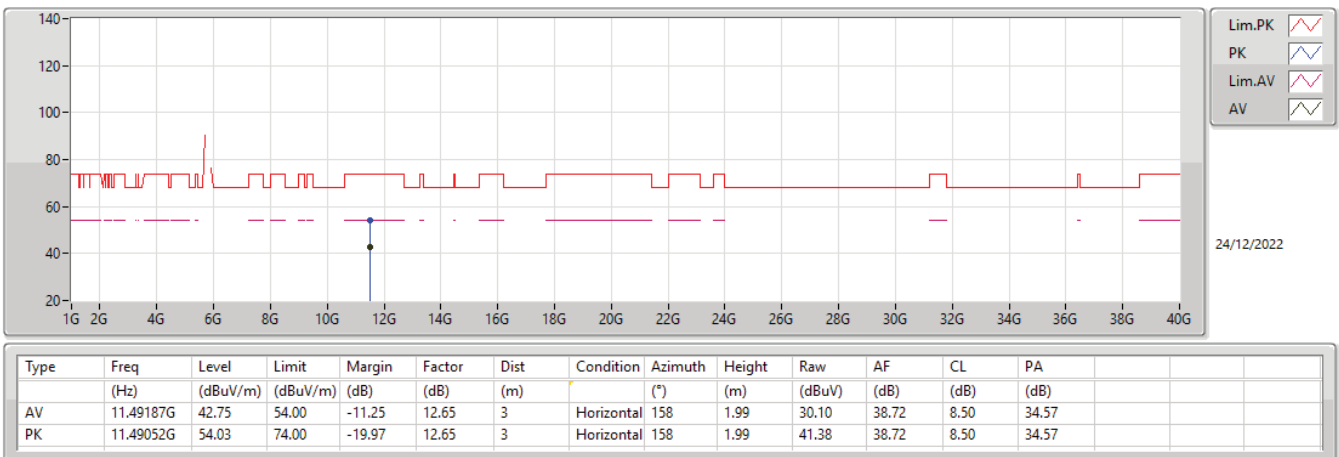
5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5745MHz\_TX



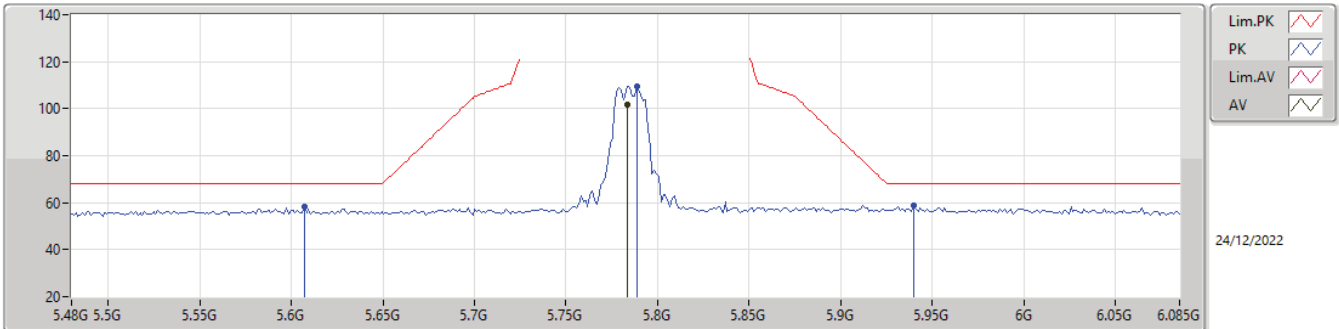
5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5745MHz\_TX



## 5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

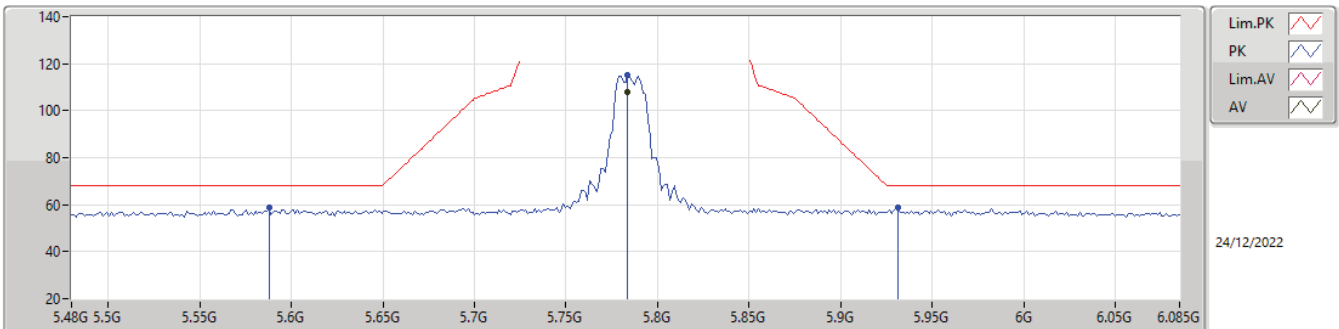
## 5785MHz\_TX



| Type | Freq     | Level    | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Raw    | AF    | CL   | PA    |
|------|----------|----------|-------|--------|--------|------|-----------|---------|--------|--------|-------|------|-------|
| (Hz) | (dBuV/m) | (dBuV/m) | (dB)  | (dB)   | (dB)   | (m)  |           | (°)     | (m)    | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.78371G | 101.54   | Inf   | -Inf   | 5.45   | 3    | Vertical  | 33      | 1.39   | 96.09  | 33.80 | 6.19 | 34.54 |
| PK   | 5.60705G | 58.27    | 68.20 | -9.93  | 4.51   | 3    | Vertical  | 33      | 1.39   | 53.76  | 33.00 | 6.06 | 34.55 |
| PK   | 5.78855G | 109.39   | Inf   | -Inf   | 5.48   | 3    | Vertical  | 33      | 1.39   | 103.91 | 33.83 | 6.19 | 34.54 |
| PK   | 5.9398G  | 58.89    | 68.20 | -9.31  | 6.05   | 3    | Vertical  | 33      | 1.39   | 52.84  | 34.30 | 6.27 | 34.52 |

## 5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

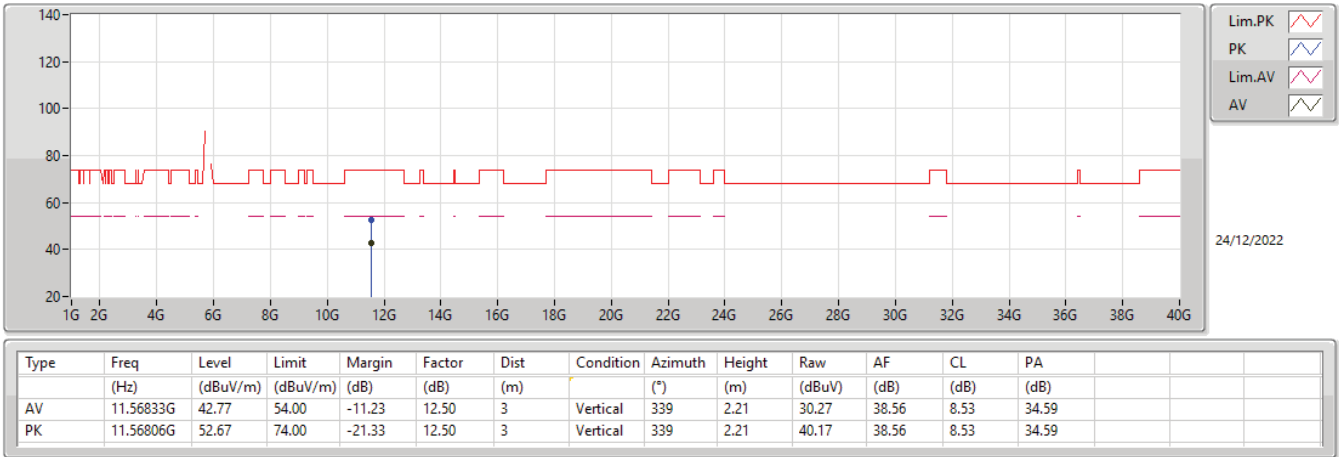
## 5785MHz\_TX



| Type | Freq     | Level    | Limit | Margin | Factor | Dist | Condition  | Azimuth | Height | Raw    | AF    | CL   | PA    |
|------|----------|----------|-------|--------|--------|------|------------|---------|--------|--------|-------|------|-------|
| (Hz) | (dBuV/m) | (dBuV/m) | (dB)  | (dB)   | (dB)   | (m)  |            | (°)     | (m)    | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.78371G | 107.82   | Inf   | -Inf   | 5.45   | 3    | Horizontal | 348     | 2.10   | 102.37 | 33.80 | 6.19 | 34.54 |
| PK   | 5.58769G | 58.62    | 68.20 | -9.58  | 4.51   | 3    | Horizontal | 348     | 2.10   | 54.11  | 33.00 | 6.06 | 34.55 |
| PK   | 5.78371G | 115.03   | Inf   | -Inf   | 5.45   | 3    | Horizontal | 348     | 2.10   | 109.58 | 33.80 | 6.19 | 34.54 |
| PK   | 5.93133G | 58.77    | 68.20 | -9.43  | 6.04   | 3    | Horizontal | 348     | 2.10   | 52.73  | 34.30 | 6.27 | 34.53 |

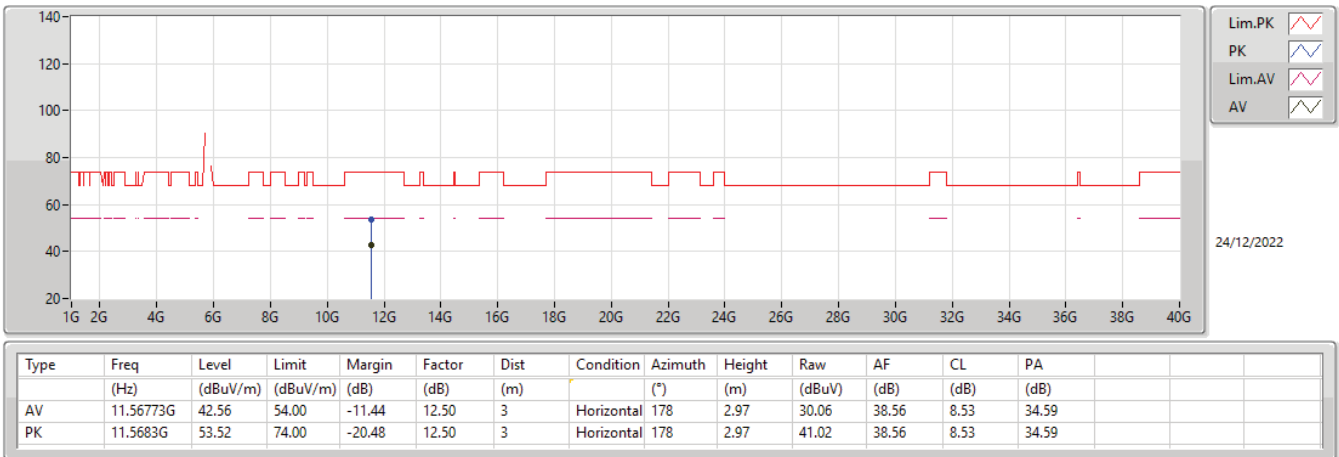
5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5785MHz\_TX



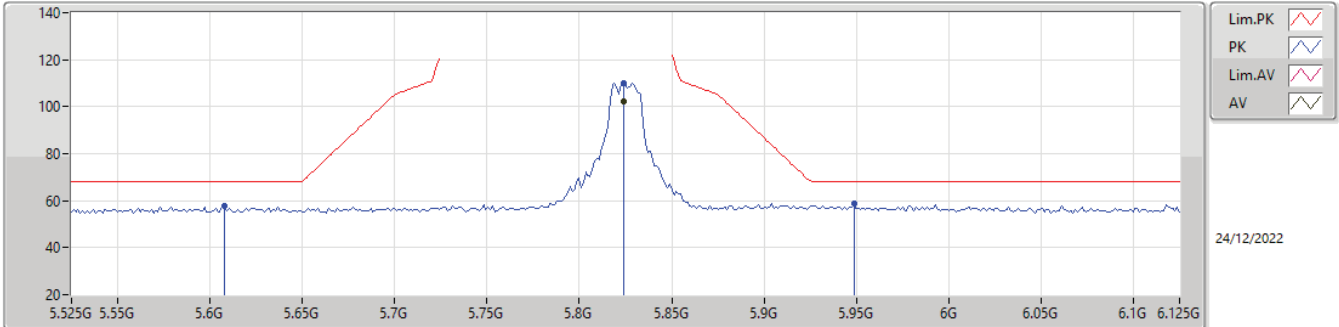
5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5785MHz\_TX



## 5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

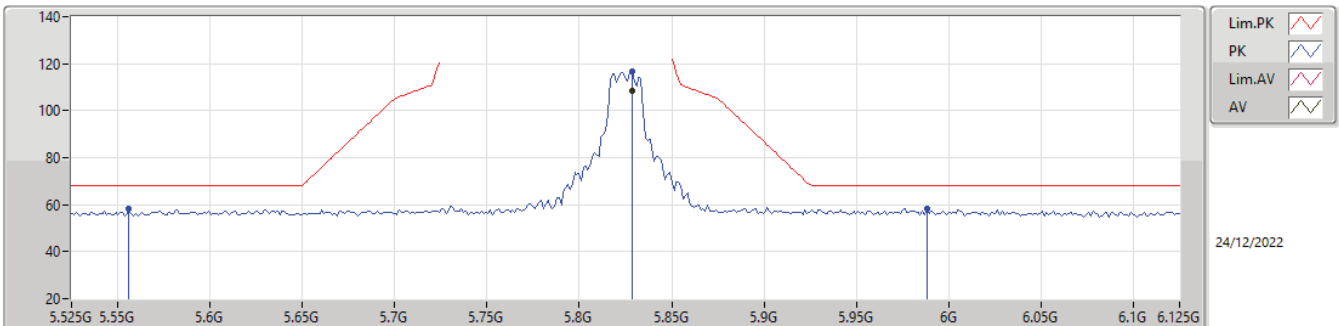
## 5825MHz\_TX



| Type | Freq     | Level    | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Raw    | AF    | CL   | PA    |
|------|----------|----------|-------|--------|--------|------|-----------|---------|--------|--------|-------|------|-------|
| (Hz) | (dBuV/m) | (dBuV/m) | (dB)  | (dB)   | (dB)   | (m)  | (°)       | (m)     | (dBuV) | (dB)   | (dB)  | (dB) | (dB)  |
| AV   | 5.8238G  | 102.29   | Inf   | -Inf   | 5.68   | 3    | Vertical  | 28      | 2.31   | 96.61  | 34.00 | 6.21 | 34.53 |
| PK   | 5.6078G  | 57.69    | 68.20 | -10.51 | 4.52   | 3    | Vertical  | 28      | 2.31   | 53.17  | 33.00 | 6.07 | 34.55 |
| PK   | 5.8238G  | 110.19   | Inf   | -Inf   | 5.68   | 3    | Vertical  | 28      | 2.31   | 104.51 | 34.00 | 6.21 | 34.53 |
| PK   | 5.9486G  | 58.59    | 68.20 | -9.61  | 6.05   | 3    | Vertical  | 28      | 2.31   | 52.54  | 34.30 | 6.27 | 34.52 |

## 5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

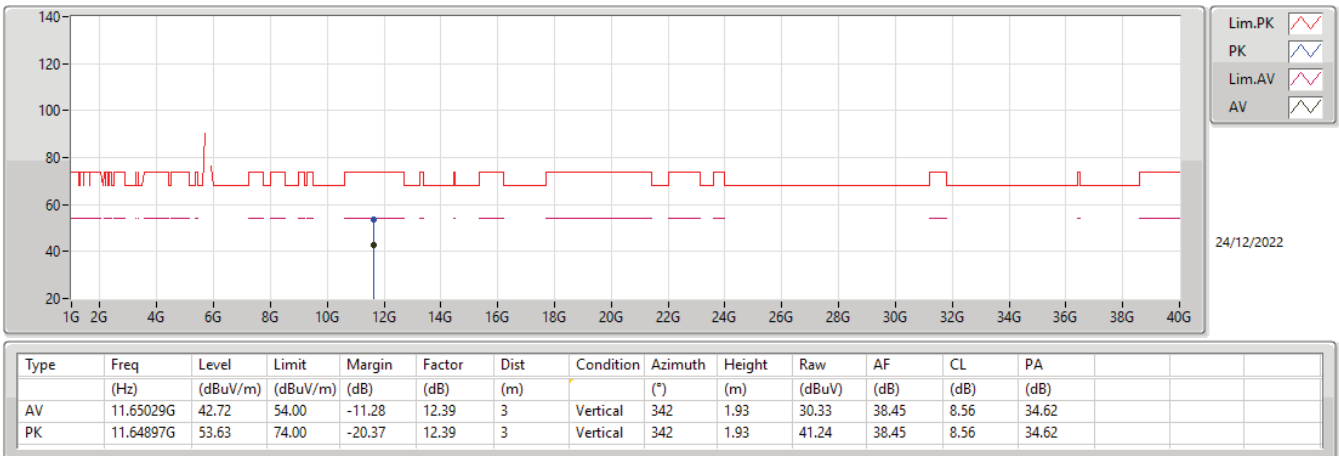
## 5825MHz\_TX



| Type | Freq     | Level    | Limit | Margin | Factor | Dist | Condition  | Azimuth | Height | Raw    | AF    | CL   | PA    |
|------|----------|----------|-------|--------|--------|------|------------|---------|--------|--------|-------|------|-------|
| (Hz) | (dBuV/m) | (dBuV/m) | (dB)  | (dB)   | (dB)   | (m)  | (°)        | (m)     | (dBuV) | (dB)   | (dB)  | (dB) | (dB)  |
| AV   | 5.8286G  | 108.69   | Inf   | -Inf   | 5.69   | 3    | Horizontal | 345     | 2.76   | 103.00 | 34.01 | 6.21 | 34.53 |
| PK   | 5.5562G  | 58.12    | 68.20 | -10.08 | 4.48   | 3    | Horizontal | 345     | 2.76   | 53.64  | 33.00 | 6.04 | 34.56 |
| PK   | 5.8286G  | 116.66   | Inf   | -Inf   | 5.69   | 3    | Horizontal | 345     | 2.76   | 110.97 | 34.01 | 6.21 | 34.53 |
| PK   | 5.9882G  | 58.37    | 68.20 | -9.83  | 5.99   | 3    | Horizontal | 345     | 2.76   | 52.38  | 34.22 | 6.29 | 34.52 |

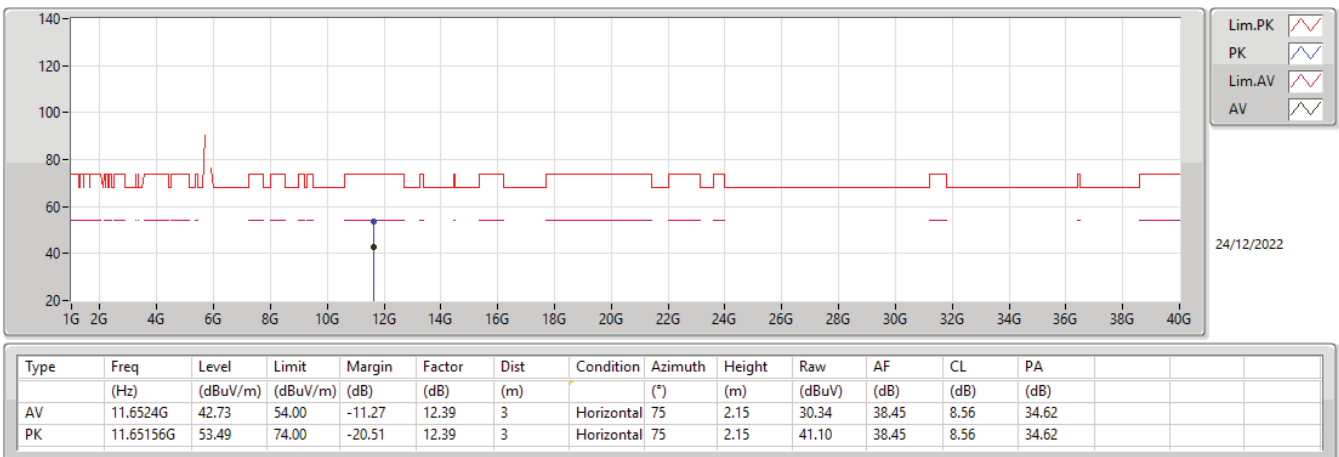
5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5825MHz\_TX



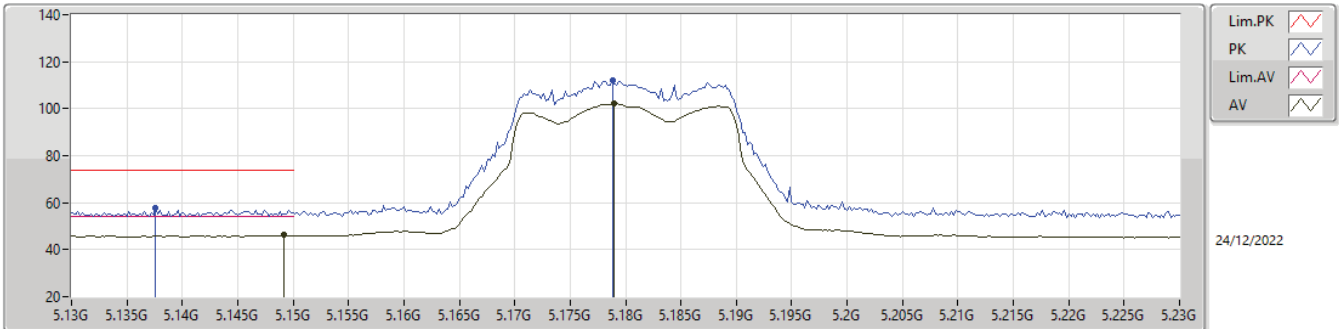
5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5825MHz\_TX



## 5.15-5.25GHz\_802.11ax\_HEW20\_Nss1,(MCS0)\_2TX

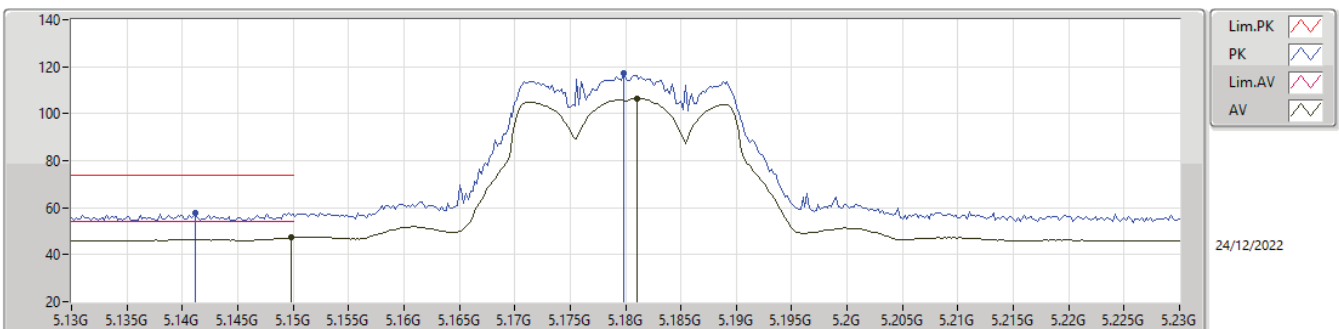
## 5180MHz\_TX



| 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) | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------------|------------|------------|------------|
| AV   | 5.1492G      | 46.15             | 54.00             | -7.85          | 4.34           | 3           | Vertical  | 331            | 2.46          | 41.81         | 33.10      | 5.86       | 34.62      |
| AV   | 5.179G       | 102.09            | Inf               | -Inf           | 4.42           | 3           | Vertical  | 331            | 2.46          | 97.67         | 33.16      | 5.87       | 34.61      |
| PK   | 5.1376G      | 57.81             | 74.00             | -16.19         | 4.31           | 3           | Vertical  | 331            | 2.46          | 53.50         | 33.08      | 5.85       | 34.62      |
| PK   | 5.1788G      | 112.05            | Inf               | -Inf           | 4.42           | 3           | Vertical  | 331            | 2.46          | 107.63        | 33.16      | 5.87       | 34.61      |

## 5.15-5.25GHz\_802.11ax\_HEW20\_Nss1,(MCS0)\_2TX

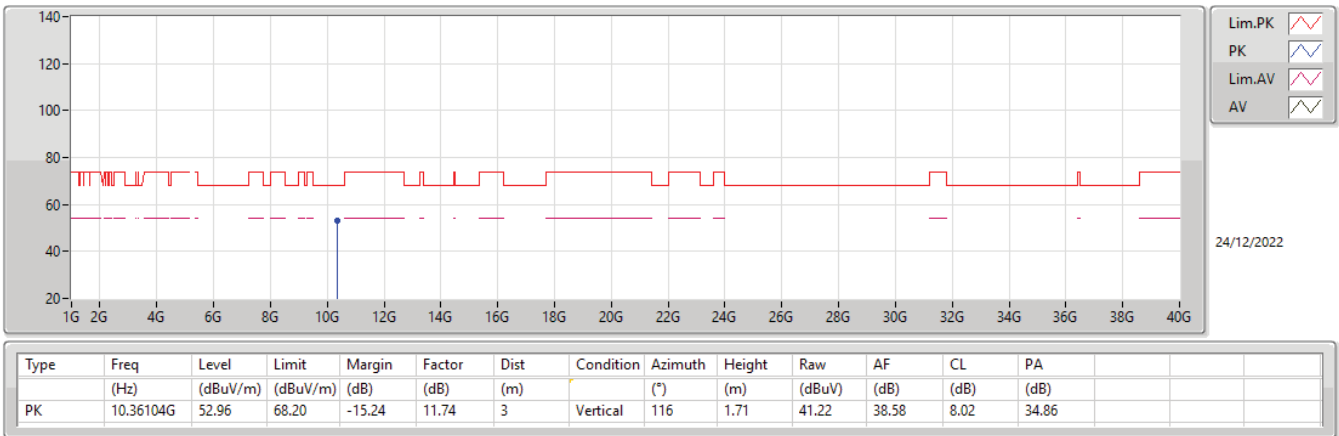
## 5180MHz\_TX



| 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) | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------------|------------|------------|------------|
| AV   | 5.1498G      | 47.28             | 54.00             | -6.72          | 4.34           | 3           | Horizontal | 48             | 1.00          | 42.94         | 33.10      | 5.86       | 34.62      |
| AV   | 5.181G       | 106.59            | Inf               | -Inf           | 4.42           | 3           | Horizontal | 48             | 1.00          | 102.17        | 33.16      | 5.87       | 34.61      |
| PK   | 5.1412G      | 57.73             | 74.00             | -16.27         | 4.31           | 3           | Horizontal | 48             | 1.00          | 53.42         | 33.08      | 5.85       | 34.62      |
| PK   | 5.1798G      | 117.47            | Inf               | -Inf           | 4.42           | 3           | Horizontal | 48             | 1.00          | 113.05        | 33.16      | 5.87       | 34.61      |

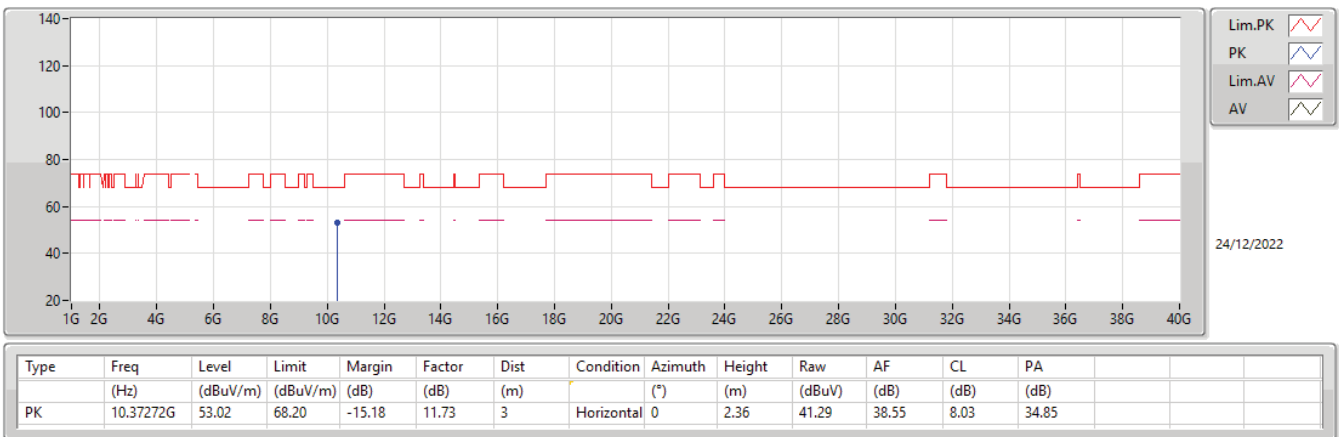
## 5.15-5.25GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

## 5180MHz\_TX



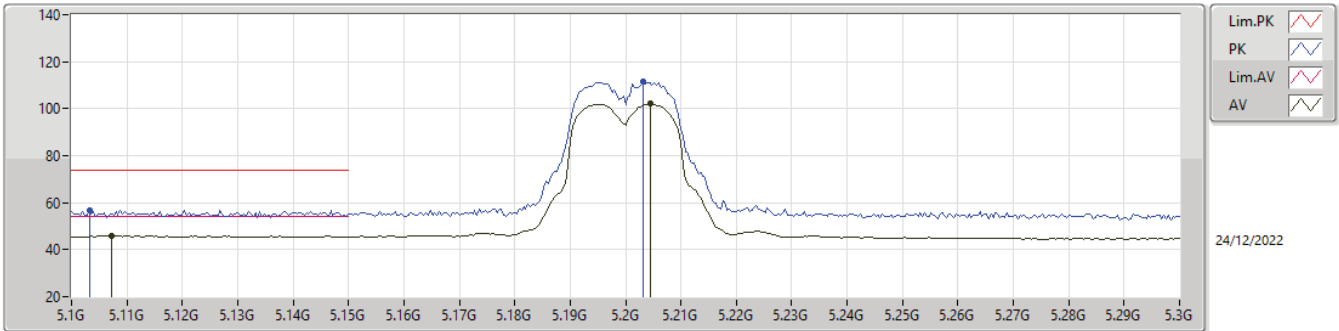
## 5.15-5.25GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

## 5180MHz\_TX



## 5.15-5.25GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

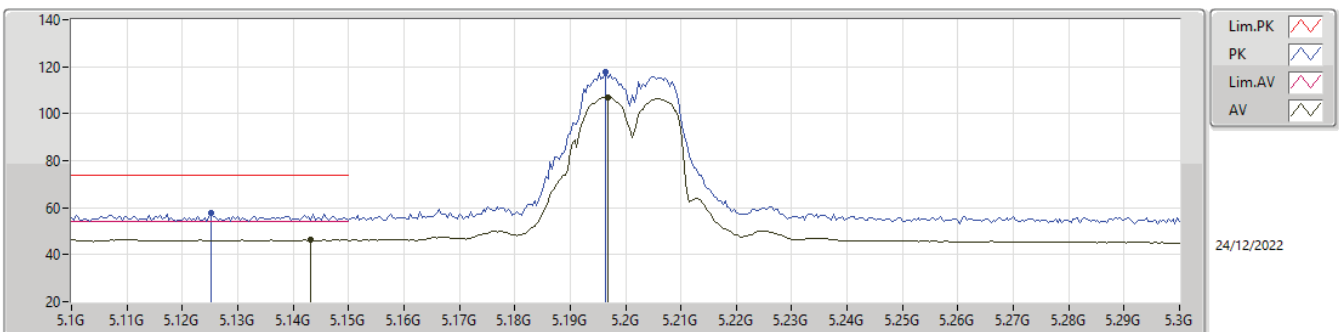
### 5200MHz\_TX



| 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) | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------------|------------|------------|------------|
| AV   | 5.1072G      | 45.82             | 54.00             | -8.18          | 4.23           | 3           | Vertical  | 332            | 2.59          | 41.59         | 33.01      | 5.84       | 34.62      |
| AV   | 5.2044G      | 102.03            | Inf               | -Inf           | 4.46           | 3           | Vertical  | 332            | 2.59          | 97.57         | 33.19      | 5.88       | 34.61      |
| PK   | 5.1032G      | 56.71             | 74.00             | -17.29         | 4.23           | 3           | Vertical  | 332            | 2.59          | 52.48         | 33.01      | 5.84       | 34.62      |
| PK   | 5.2032G      | 111.77            | Inf               | -Inf           | 4.46           | 3           | Vertical  | 332            | 2.59          | 107.31        | 33.19      | 5.88       | 34.61      |

## 5.15-5.25GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

### 5200MHz\_TX

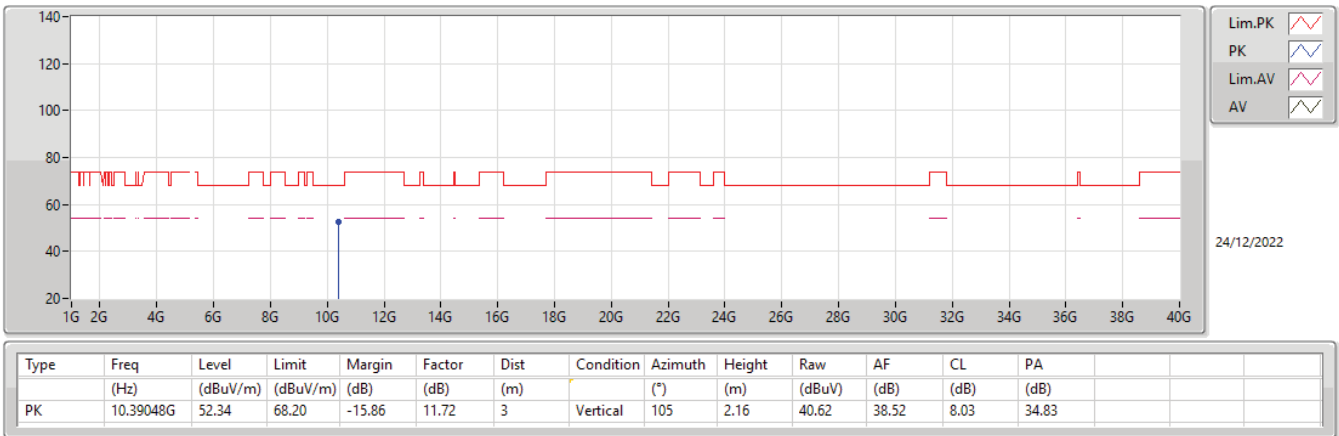


| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------------|------------|------------|------------|
| AV   | 5.1432G      | 46.35             | 54.00             | -7.65          | 4.32           | 3           | Horizontal | 45             | 1.00          | 42.03         | 33.09      | 5.85       | 34.62      |
| AV   | 5.1968G      | 106.93            | Inf               | -Inf           | 4.46           | 3           | Horizontal | 45             | 1.00          | 102.47        | 33.19      | 5.88       | 34.61      |
| PK   | 5.1252G      | 57.55             | 74.00             | -16.45         | 4.28           | 3           | Horizontal | 45             | 1.00          | 53.27         | 33.05      | 5.85       | 34.62      |
| PK   | 5.1964G      | 117.76            | Inf               | -Inf           | 4.46           | 3           | Horizontal | 45             | 1.00          | 113.30        | 33.19      | 5.88       | 34.61      |



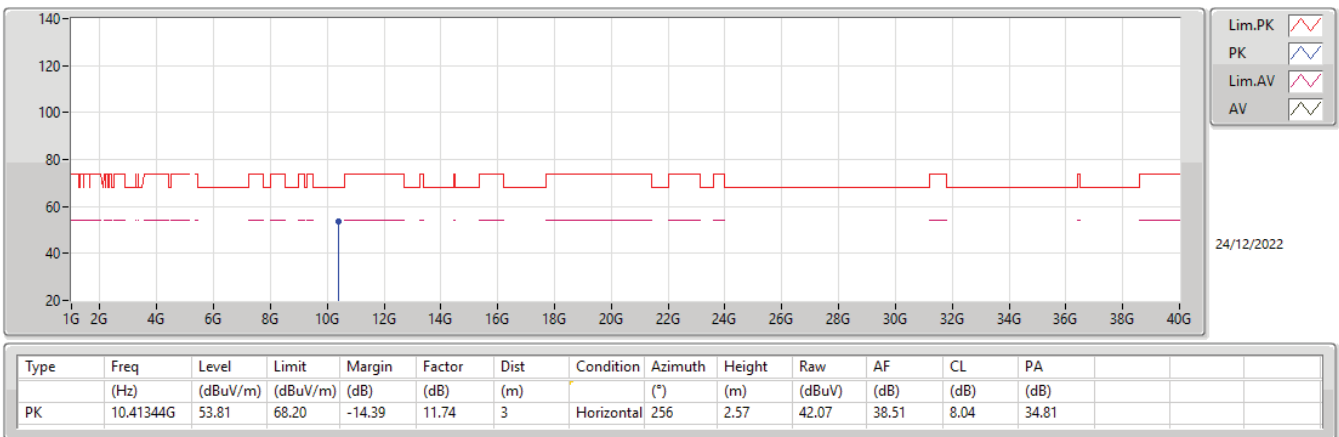
5.15-5.25GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

5200MHz\_TX



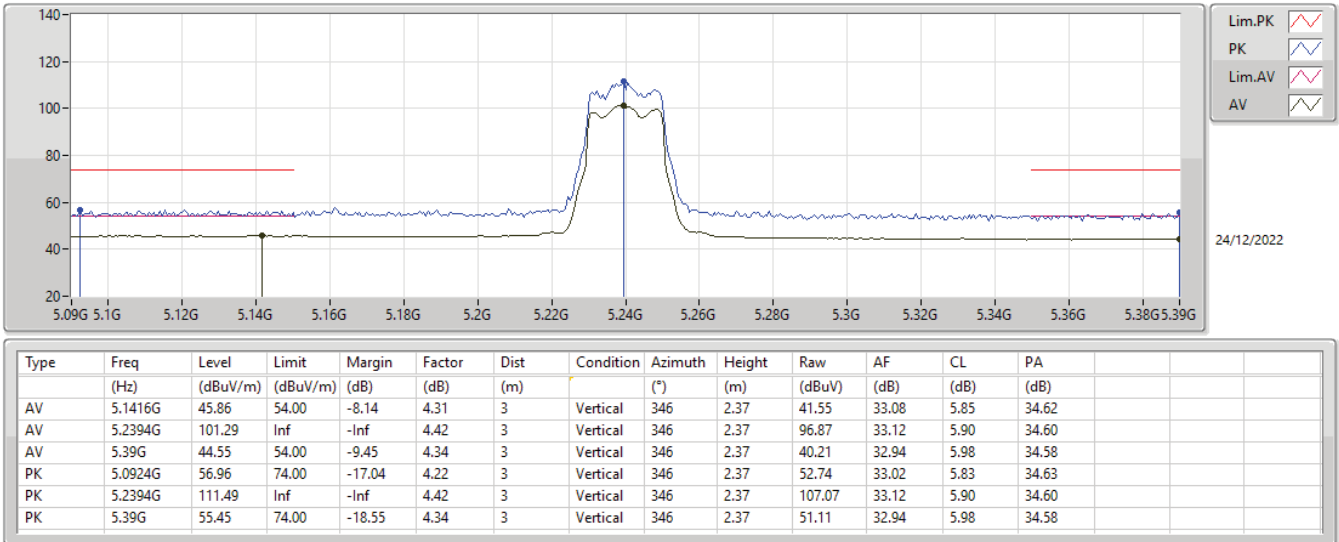
5.15-5.25GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

5200MHz\_TX



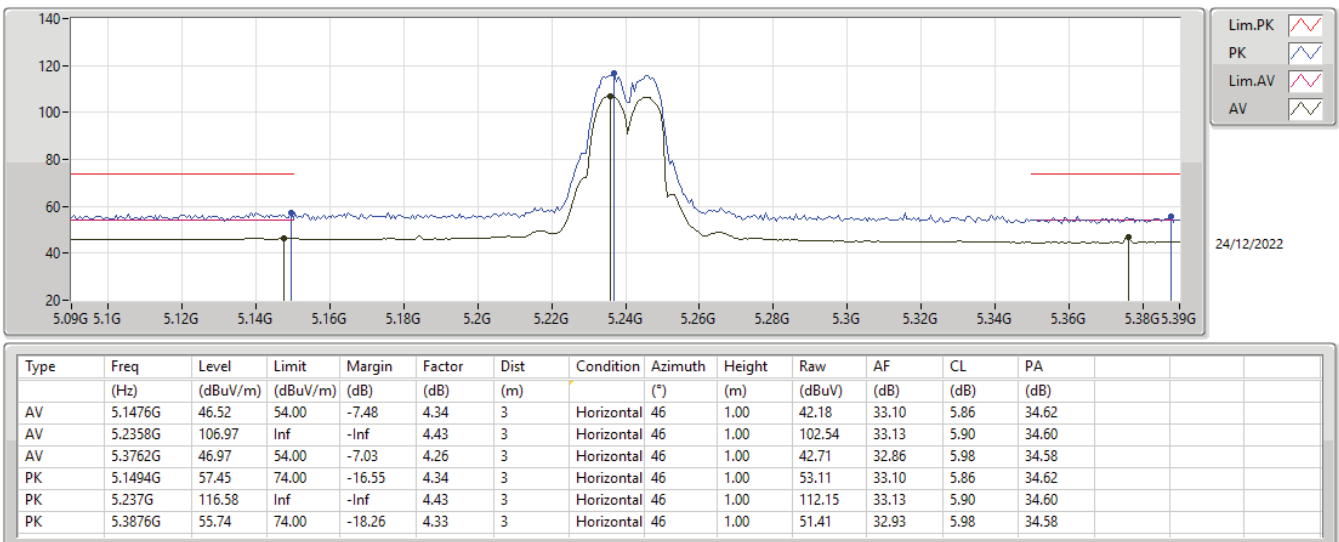
## 5.15-5.25GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

### 5240MHz\_TX



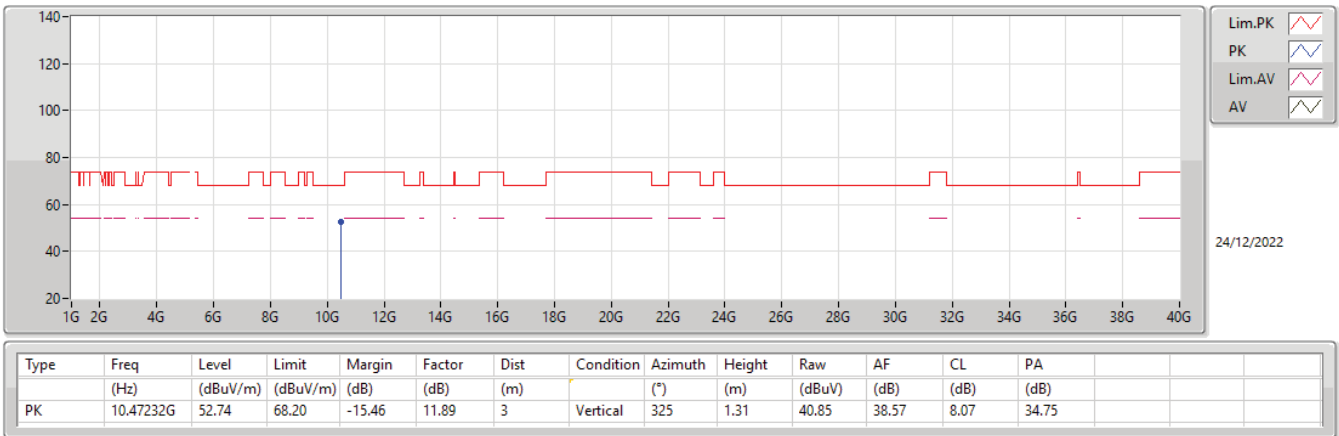
## 5.15-5.25GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

### 5240MHz\_TX



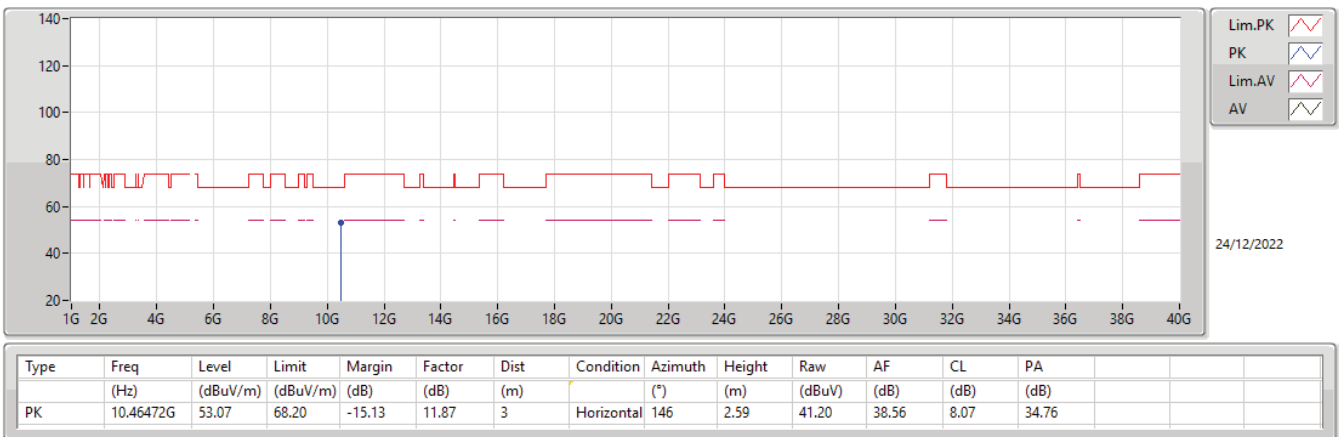
## 5.15-5.25GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

## 5240MHz\_TX



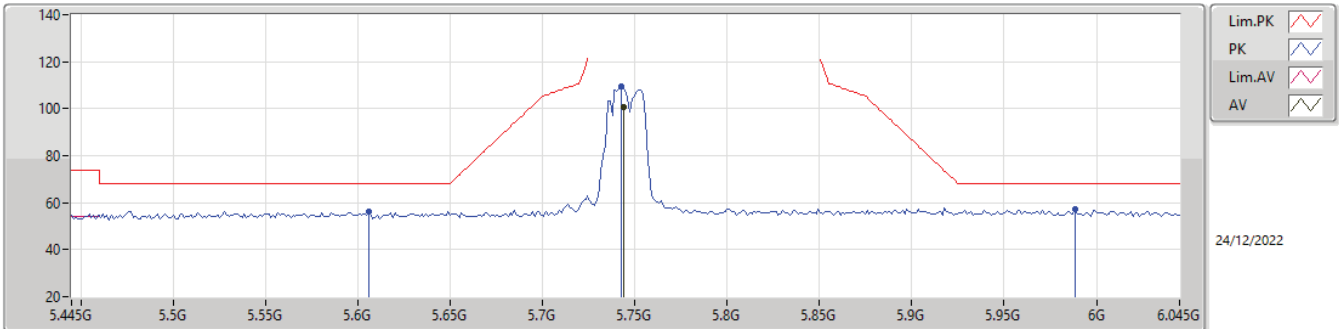
## 5.15-5.25GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

## 5240MHz\_TX



## 5.725-5.85GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

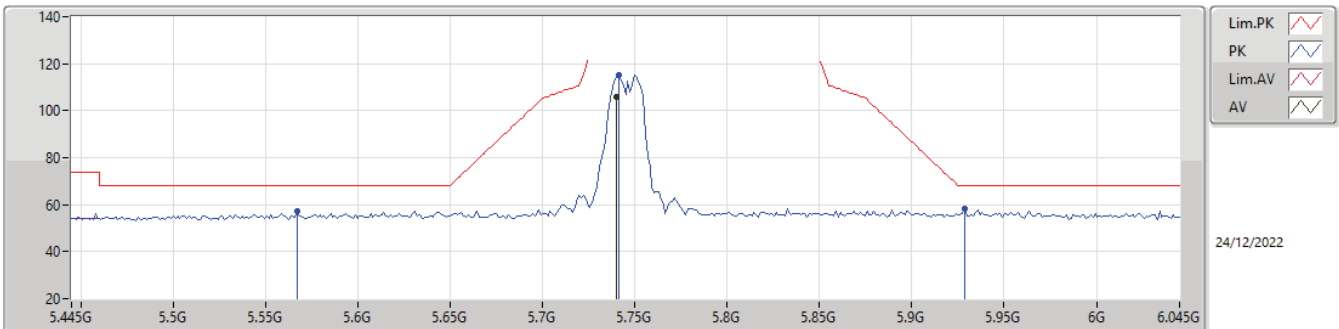
## 5745MHz\_TX



| 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) | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------------|------------|------------|------------|
| AV   | 5.7438G      | 100.70            | Inf               | -Inf           | 5.20           | 3           | Vertical  | 27             | 2.25          | 95.50         | 33.58      | 6.16       | 34.54      |
| PK   | 5.6058G      | 56.46             | 68.20             | -11.74         | 4.51           | 3           | Vertical  | 27             | 2.25          | 51.95         | 33.00      | 6.06       | 34.55      |
| PK   | 5.7426G      | 109.54            | Inf               | -Inf           | 5.19           | 3           | Vertical  | 27             | 2.25          | 104.35        | 33.57      | 6.16       | 34.54      |
| PK   | 5.9886G      | 57.26             | 68.20             | -10.94         | 5.99           | 3           | Vertical  | 27             | 2.25          | 51.27         | 34.22      | 6.29       | 34.52      |

## 5.725-5.85GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

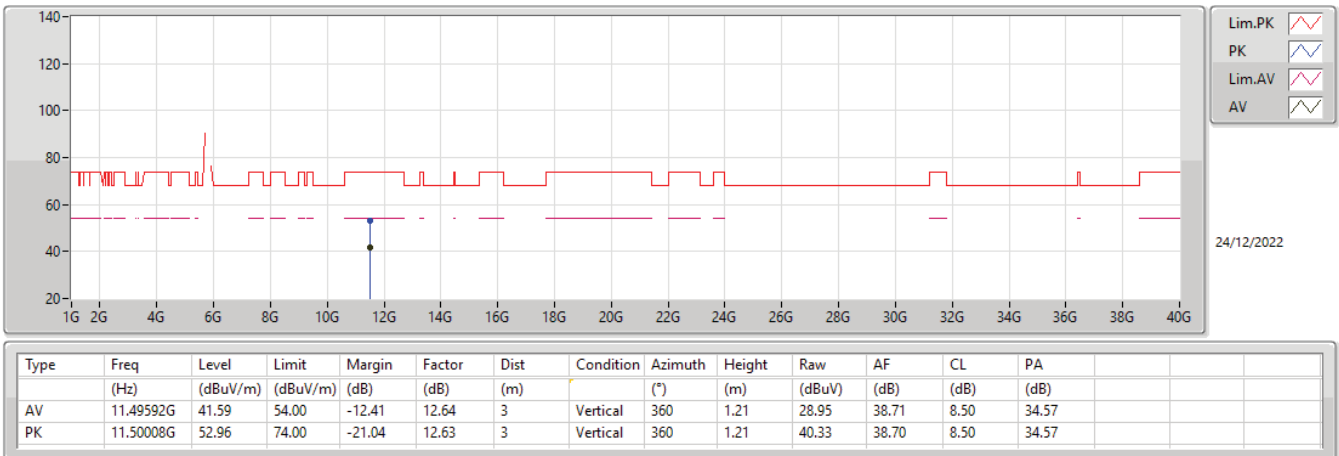
## 5745MHz\_TX



| 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) | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------------|------------|------------|------------|
| AV   | 5.7402G      | 105.88            | Inf               | -Inf           | 5.18           | 3           | Horizontal | 339            | 2.50          | 100.70        | 33.56      | 6.16       | 34.54      |
| PK   | 5.5674G      | 57.19             | 68.20             | -11.01         | 4.50           | 3           | Horizontal | 339            | 2.50          | 52.69         | 33.00      | 6.05       | 34.55      |
| PK   | 5.7414G      | 115.23            | Inf               | -Inf           | 5.19           | 3           | Horizontal | 339            | 2.50          | 110.04        | 33.57      | 6.16       | 34.54      |
| PK   | 5.9286G      | 58.42             | 68.20             | -9.78          | 6.03           | 3           | Horizontal | 339            | 2.50          | 52.39         | 34.30      | 6.26       | 34.53      |

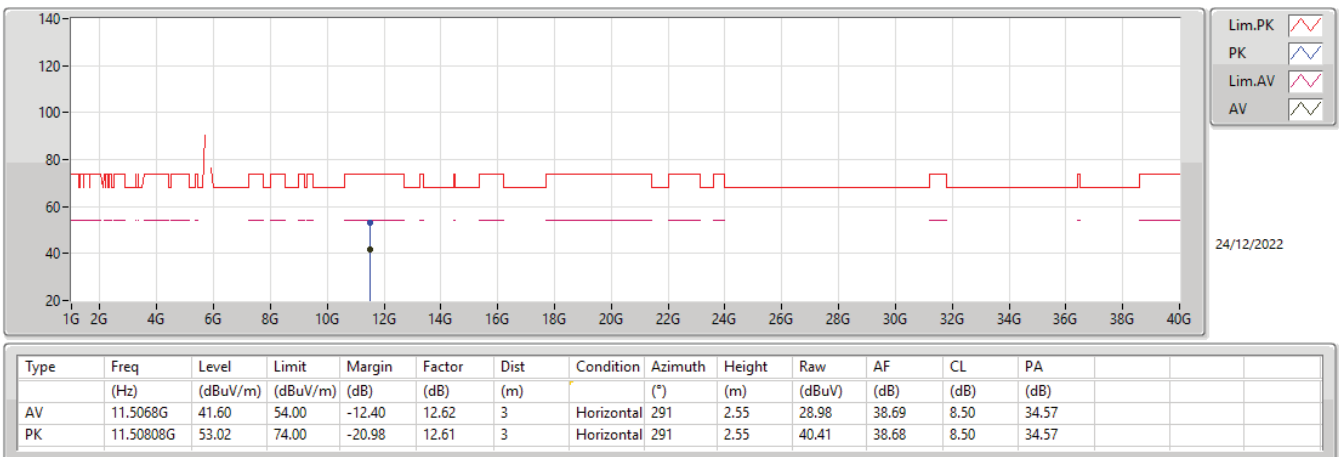
5.725-5.85GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

5745MHz\_TX



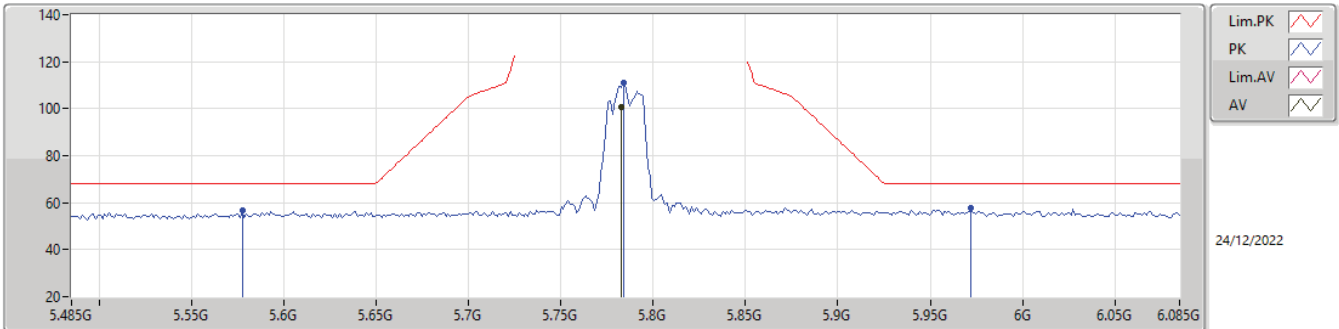
5.725-5.85GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

5745MHz\_TX



5.725-5.85GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

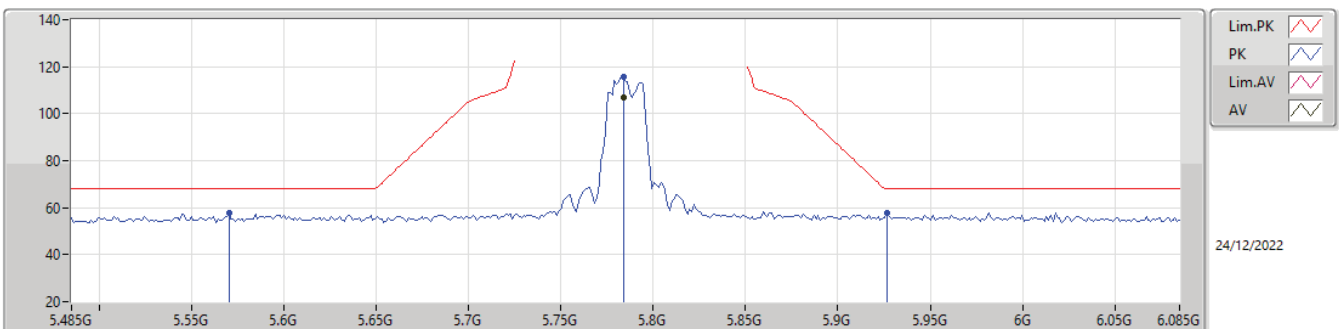
5785MHz\_TX



| 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) | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------------|------------|------------|------------|
| AV   | 5.7826G      | 100.77            | Inf               | -Inf           | 5.45           | 3           | Vertical  | 26             | 1.19          | 95.32         | 33.80      | 6.19       | 34.54      |
| PK   | 5.7774G      | 56.49             | 68.20             | -11.71         | 4.50           | 3           | Vertical  | 26             | 1.19          | 51.99         | 33.00      | 6.05       | 34.55      |
| PK   | 5.7838G      | 110.97            | Inf               | -Inf           | 5.45           | 3           | Vertical  | 26             | 1.19          | 105.52        | 33.80      | 6.19       | 34.54      |
| PK   | 5.9722G      | 57.52             | 68.20             | -10.68         | 6.03           | 3           | Vertical  | 26             | 1.19          | 51.49         | 34.26      | 6.29       | 34.52      |

5.725-5.85GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

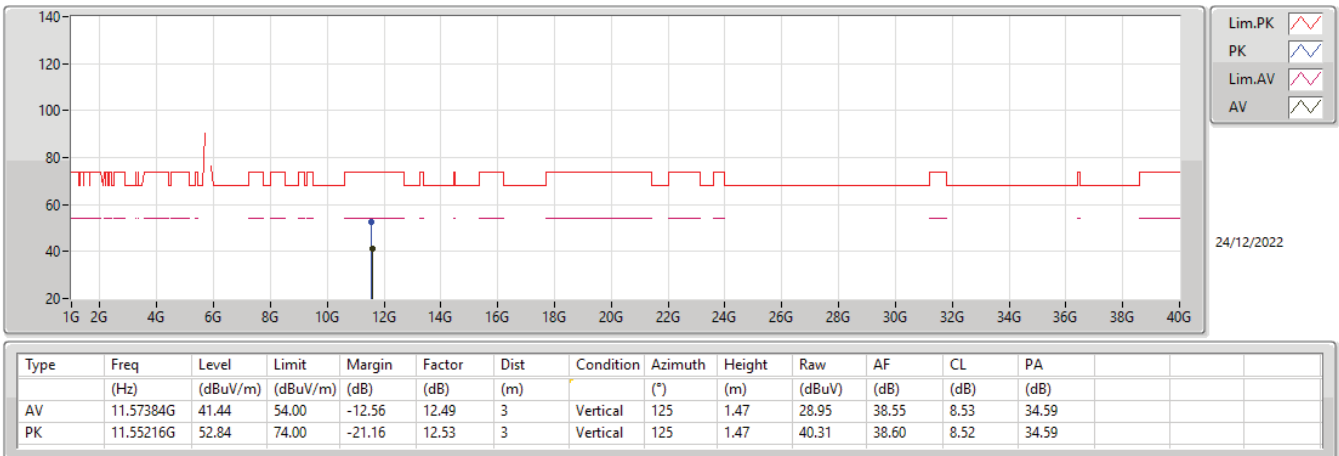
5785MHz\_TX



| 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) | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------------|------------|------------|------------|
| AV   | 5.7838G      | 106.81            | Inf               | -Inf           | 5.45           | 3           | Horizontal | 345            | 2.01          | 101.36        | 33.80      | 6.19       | 34.54      |
| PK   | 5.5702G      | 57.92             | 68.20             | -10.28         | 4.50           | 3           | Horizontal | 345            | 2.01          | 53.42         | 33.00      | 6.05       | 34.55      |
| PK   | 5.7838G      | 115.63            | Inf               | -Inf           | 5.45           | 3           | Horizontal | 345            | 2.01          | 110.18        | 33.80      | 6.19       | 34.54      |
| PK   | 5.9266G      | 57.87             | 68.20             | -10.33         | 6.03           | 3           | Horizontal | 345            | 2.01          | 51.84         | 34.30      | 6.26       | 34.53      |

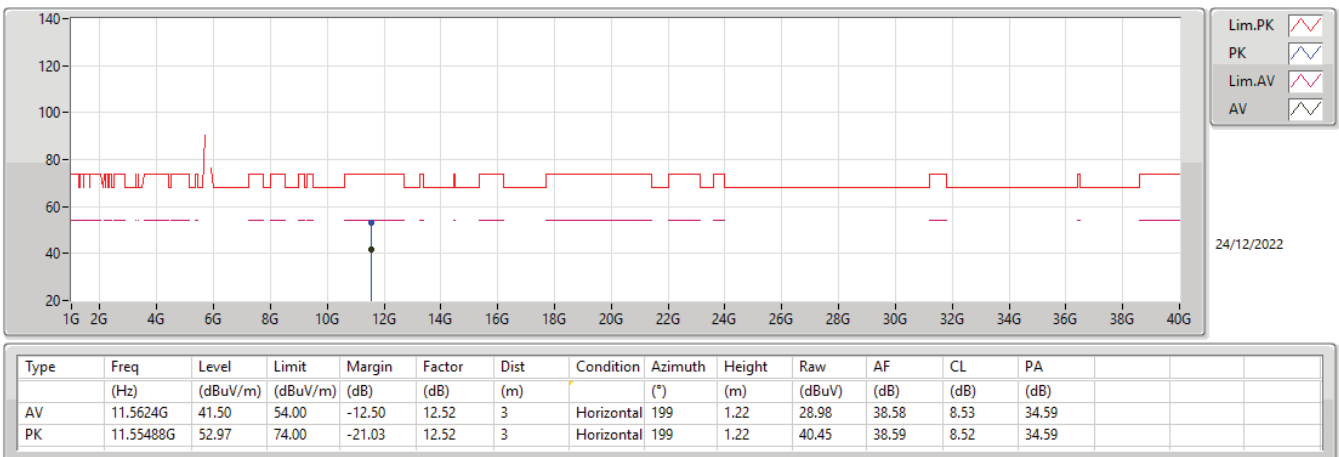
5.725-5.85GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

5785MHz\_TX



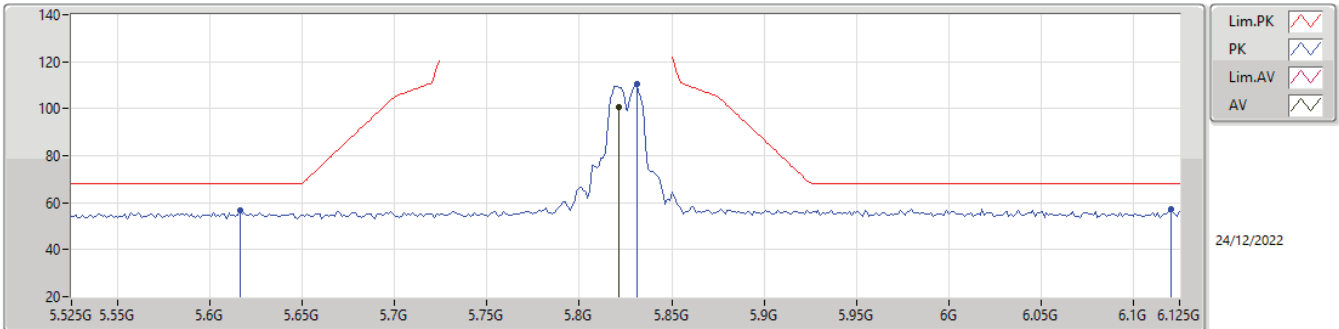
5.725-5.85GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

5785MHz\_TX



## 5.725-5.85GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

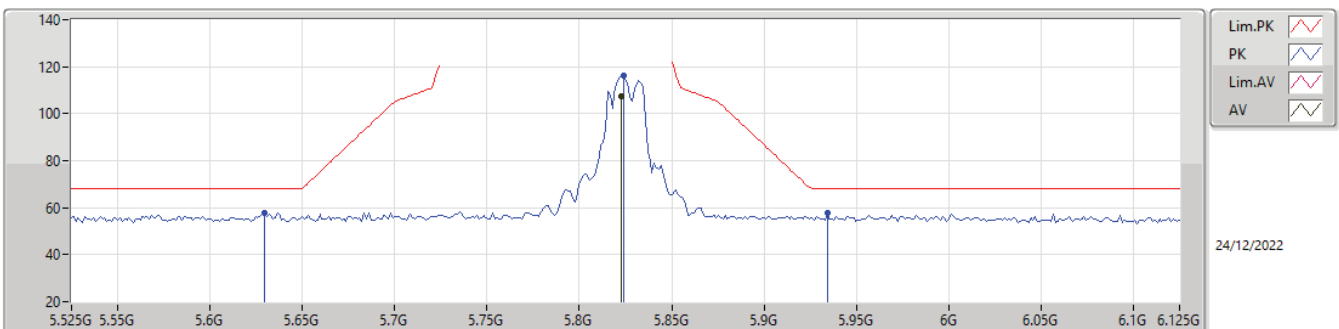
## 5825MHz\_TX



| Type | Freq     | Level    | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Raw    | AF    | CL   | PA    |
|------|----------|----------|-------|--------|--------|------|-----------|---------|--------|--------|-------|------|-------|
| (Hz) | (dBuV/m) | (dBuV/m) | (dB)  | (dB)   | (dB)   | (m)  |           | (°)     | (m)    | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.8214G  | 100.63   | Inf   | -Inf   | 5.67   | 3    | Vertical  | 321     | 2.83   | 94.96  | 33.99 | 6.21 | 34.53 |
| PK   | 5.8162G  | 56.74    | 68.20 | -11.46 | 4.52   | 3    | Vertical  | 321     | 2.83   | 52.22  | 33.00 | 6.07 | 34.55 |
| PK   | 5.831G   | 110.70   | Inf   | -Inf   | 5.71   | 3    | Vertical  | 321     | 2.83   | 104.99 | 34.02 | 6.22 | 34.53 |
| PK   | 6.1202G  | 57.25    | 68.20 | -10.95 | 5.79   | 3    | Vertical  | 321     | 2.83   | 51.46  | 33.98 | 6.32 | 34.51 |

## 5.725-5.85GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

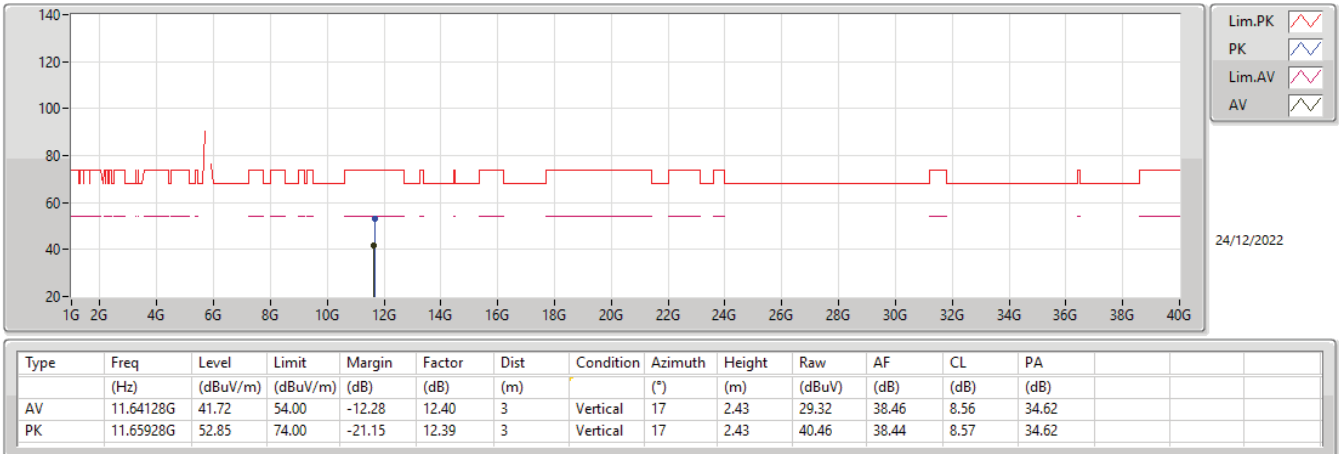
## 5825MHz\_TX



| Type | Freq     | Level    | Limit | Margin | Factor | Dist | Condition  | Azimuth | Height | Raw    | AF    | CL   | PA    |
|------|----------|----------|-------|--------|--------|------|------------|---------|--------|--------|-------|------|-------|
| (Hz) | (dBuV/m) | (dBuV/m) | (dB)  | (dB)   | (dB)   | (m)  |            | (°)     | (m)    | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.8226G  | 107.27   | Inf   | -Inf   | 5.67   | 3    | Horizontal | 345     | 1.90   | 101.60 | 33.99 | 6.21 | 34.53 |
| PK   | 5.8294G  | 57.62    | 68.20 | -10.58 | 4.53   | 3    | Horizontal | 345     | 1.90   | 53.09  | 33.00 | 6.08 | 34.55 |
| PK   | 5.8238G  | 116.13   | Inf   | -Inf   | 5.68   | 3    | Horizontal | 345     | 1.90   | 110.45 | 34.00 | 6.21 | 34.53 |
| PK   | 5.9342G  | 57.83    | 68.20 | -10.37 | 6.04   | 3    | Horizontal | 345     | 1.90   | 51.79  | 34.30 | 6.27 | 34.53 |

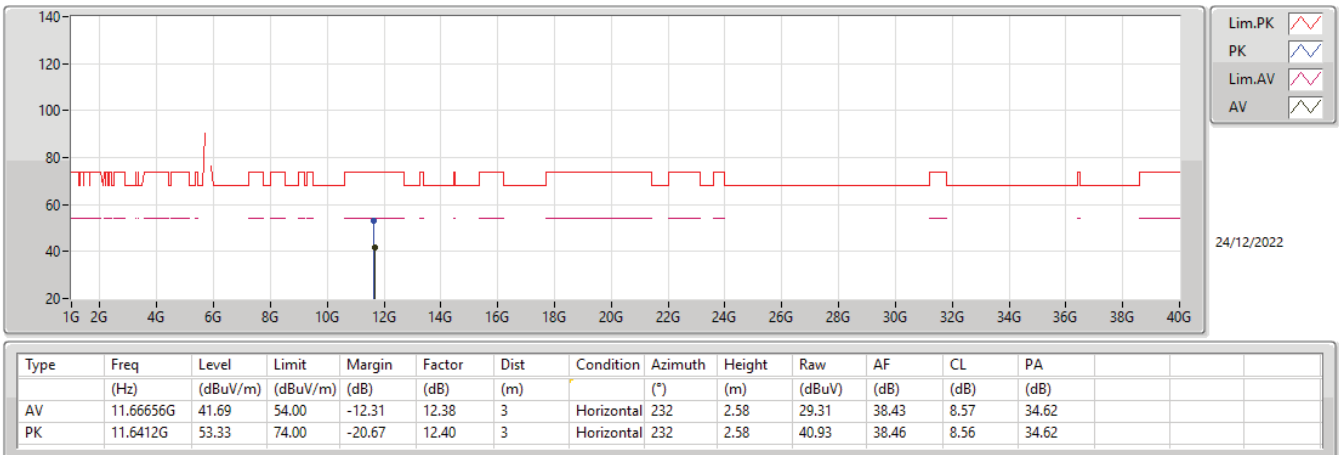
5.725-5.85GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

5825MHz\_TX



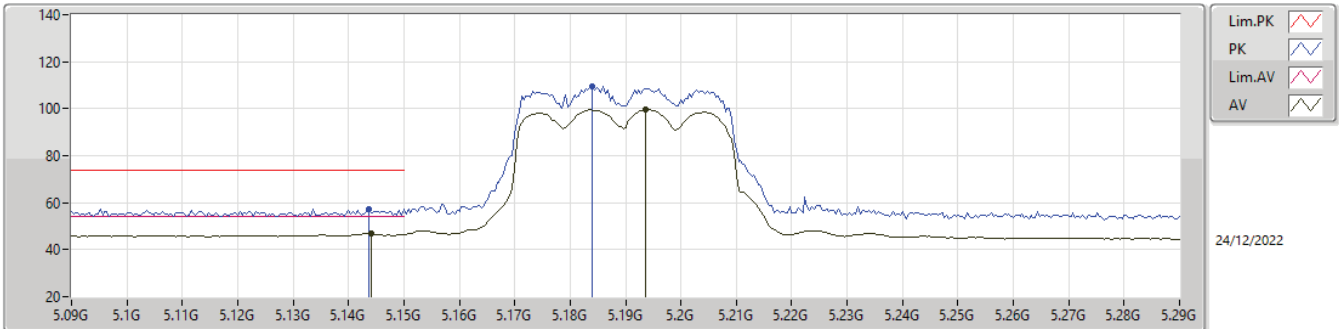
5.725-5.85GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

5825MHz\_TX



## 5.15-5.25GHz\_802.11ax\_HEW40\_Nss1,(MCS0)\_2TX

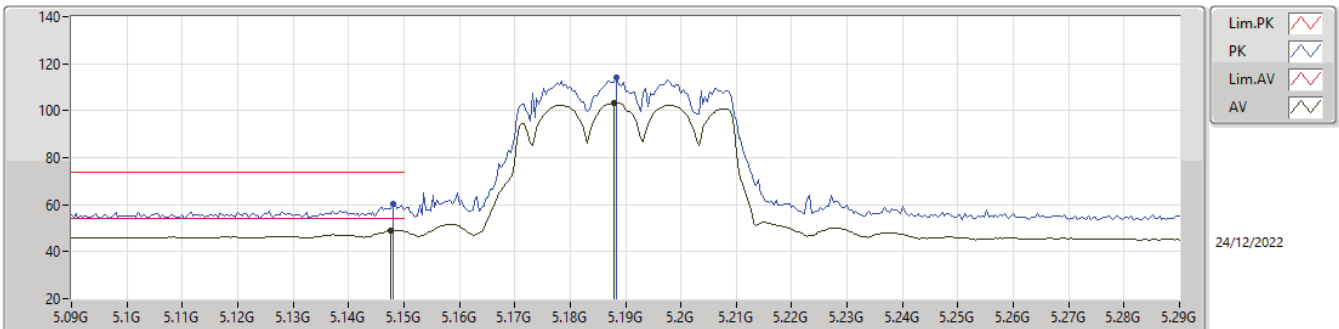
## 5190MHz\_TX



| Type | Freq     | Level    | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Raw    | AF    | CL   | PA    |
|------|----------|----------|-------|--------|--------|------|-----------|---------|--------|--------|-------|------|-------|
| (Hz) | (dBuV/m) | (dBuV/m) | (dB)  | (dB)   | (m)    |      |           | (°)     | (m)    | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.144G   | 46.85    | 54.00 | -7.15  | 4.32   | 3    | Vertical  | 331     | 2.45   | 42.53  | 33.09 | 5.85 | 34.62 |
| AV   | 5.1936G  | 99.59    | Inf   | -Inf   | 4.46   | 3    | Vertical  | 331     | 2.45   | 95.13  | 33.19 | 5.88 | 34.61 |
| PK   | 5.1436G  | 57.17    | 74.00 | -16.83 | 4.32   | 3    | Vertical  | 331     | 2.45   | 52.85  | 33.09 | 5.85 | 34.62 |
| PK   | 5.184G   | 109.55   | Inf   | -Inf   | 4.43   | 3    | Vertical  | 331     | 2.45   | 105.12 | 33.17 | 5.87 | 34.61 |

## 5.15-5.25GHz\_802.11ax\_HEW40\_Nss1,(MCS0)\_2TX

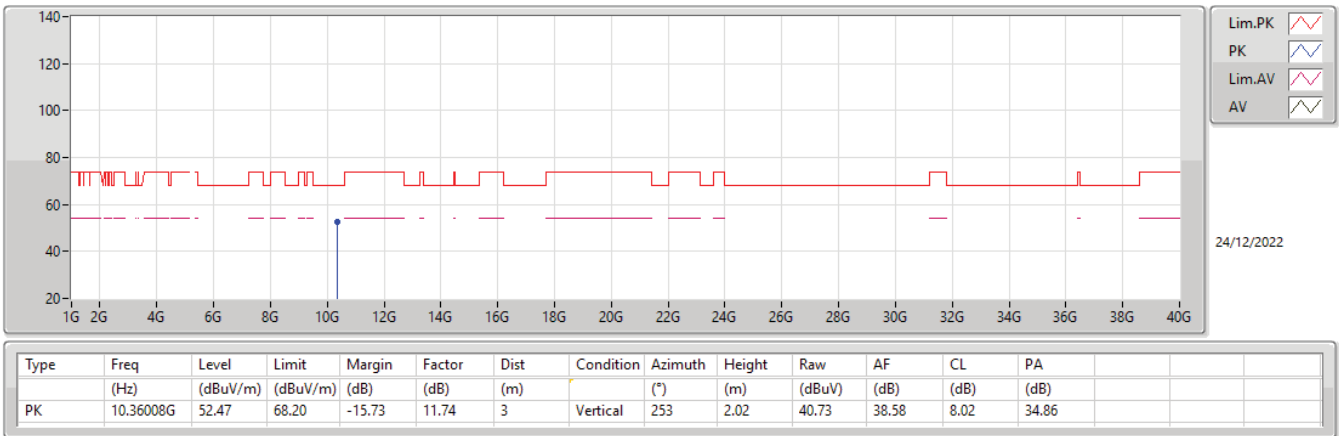
## 5190MHz\_TX



| Type | Freq     | Level    | Limit | Margin | Factor | Dist | Condition  | Azimuth | Height | Raw    | AF    | CL   | PA    |
|------|----------|----------|-------|--------|--------|------|------------|---------|--------|--------|-------|------|-------|
| (Hz) | (dBuV/m) | (dBuV/m) | (dB)  | (dB)   | (m)    |      |            | (°)     | (m)    | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.1476G  | 49.07    | 54.00 | -4.93  | 4.34   | 3    | Horizontal | 8       | 1.43   | 44.73  | 33.10 | 5.86 | 34.62 |
| AV   | 5.188G   | 103.17   | Inf   | -Inf   | 4.44   | 3    | Horizontal | 8       | 1.43   | 98.73  | 33.18 | 5.87 | 34.61 |
| PK   | 5.148G   | 60.10    | 74.00 | -13.90 | 4.34   | 3    | Horizontal | 8       | 1.43   | 55.76  | 33.10 | 5.86 | 34.62 |
| PK   | 5.1884G  | 114.31   | Inf   | -Inf   | 4.44   | 3    | Horizontal | 8       | 1.43   | 109.87 | 33.18 | 5.87 | 34.61 |

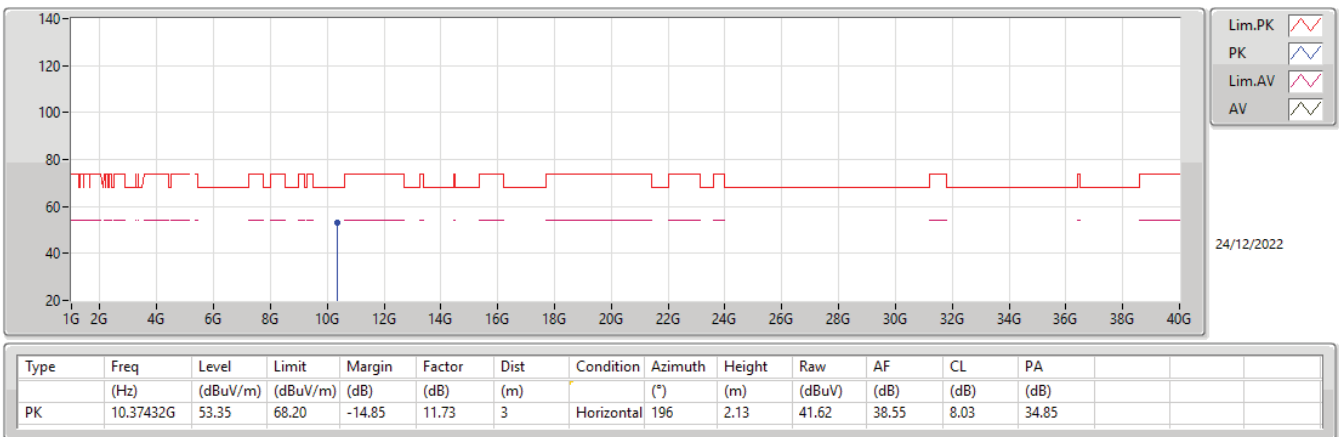
## 5.15-5.25GHz\_802.11ax HEW40\_Nss1,(MCS0)\_2TX

### 5190MHz\_TX



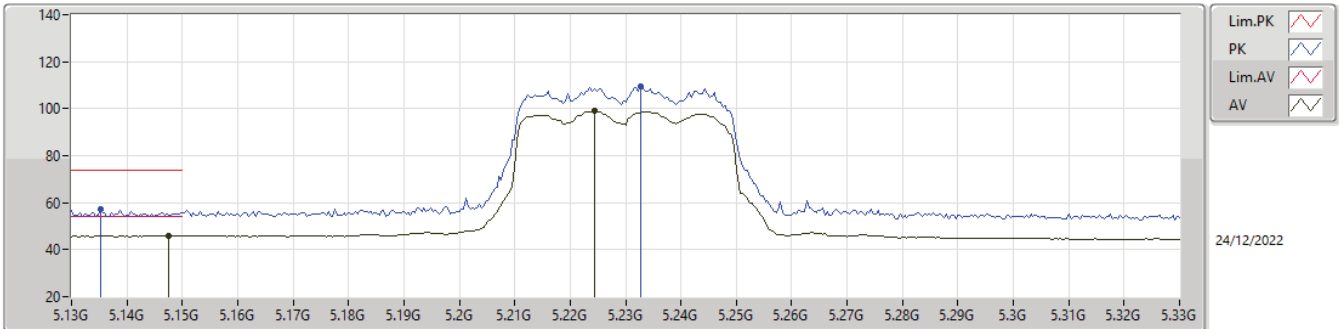
## 5.15-5.25GHz\_802.11ax HEW40\_Nss1,(MCS0)\_2TX

### 5190MHz\_TX



## 5.15-5.25GHz\_802.11ax HEW40\_Nss1,(MCS0)\_2TX

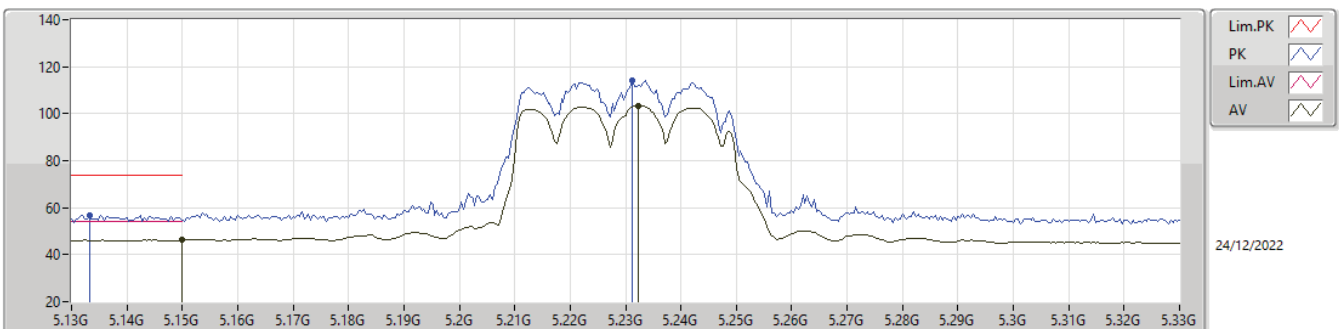
### 5230MHz\_TX



| 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) | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------------|------------|------------|------------|
| AV   | 5.1476G      | 46.03             | 54.00             | -7.97          | 4.34           | 3           | Vertical  | 348            | 2.38          | 41.69         | 33.10      | 5.86       | 34.62      |
| AV   | 5.2244G      | 98.98             | Inf               | -Inf           | 4.44           | 3           | Vertical  | 348            | 2.38          | 94.54         | 33.15      | 5.89       | 34.60      |
| PK   | 5.1352G      | 57.00             | 74.00             | -17.00         | 4.30           | 3           | Vertical  | 348            | 2.38          | 52.70         | 33.07      | 5.85       | 34.62      |
| PK   | 5.2328G      | 109.32            | Inf               | -Inf           | 4.43           | 3           | Vertical  | 348            | 2.38          | 104.89        | 33.13      | 5.90       | 34.60      |

## 5.15-5.25GHz\_802.11ax HEW40\_Nss1,(MCS0)\_2TX

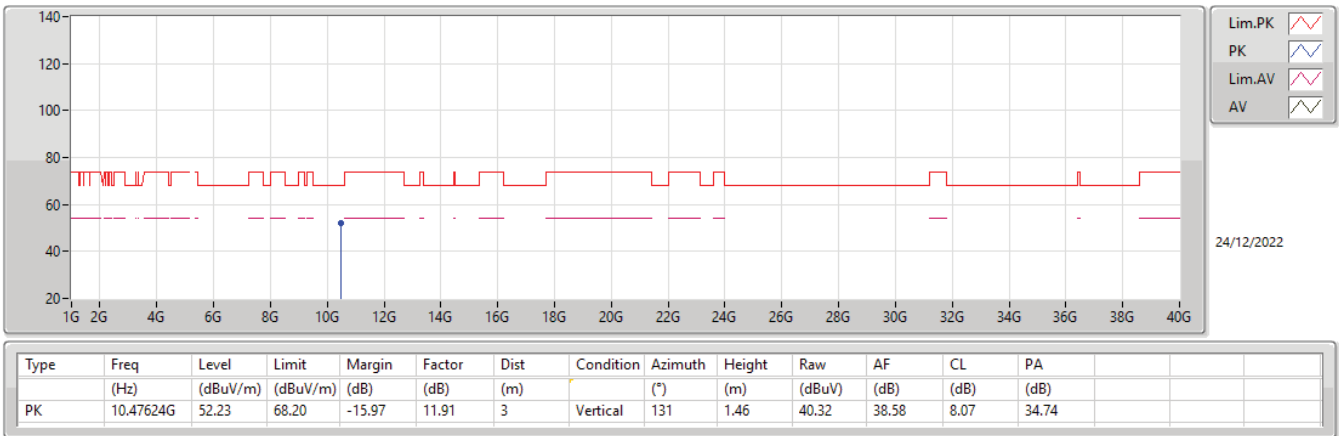
### 5230MHz\_TX



| 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) | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------------|------------|------------|------------|
| AV   | 5.15G        | 46.38             | 54.00             | -7.62          | 4.34           | 3           | Horizontal | 6              | 2.31          | 42.04         | 33.10      | 5.86       | 34.62      |
| AV   | 5.2324G      | 103.39            | Inf               | -Inf           | 4.44           | 3           | Horizontal | 6              | 2.31          | 98.95         | 33.14      | 5.90       | 34.60      |
| PK   | 5.1332G      | 56.87             | 74.00             | -17.13         | 4.30           | 3           | Horizontal | 6              | 2.31          | 52.57         | 33.07      | 5.85       | 34.62      |
| PK   | 5.2312G      | 114.10            | Inf               | -Inf           | 4.44           | 3           | Horizontal | 6              | 2.31          | 109.66        | 33.14      | 5.90       | 34.60      |

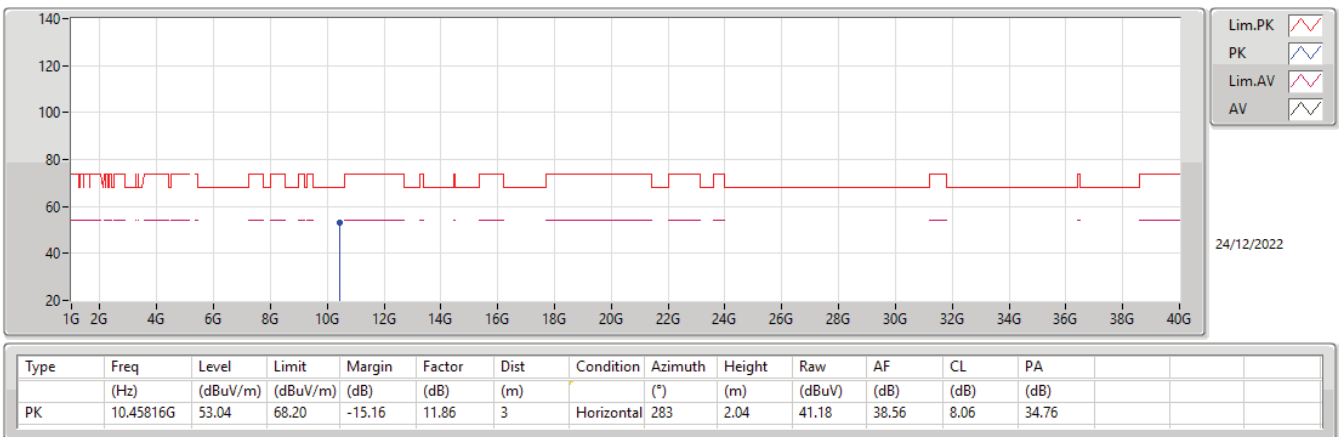
## 5.15-5.25GHz\_802.11ax HEW40\_Nss1,(MCS0)\_2TX

### 5230MHz\_TX



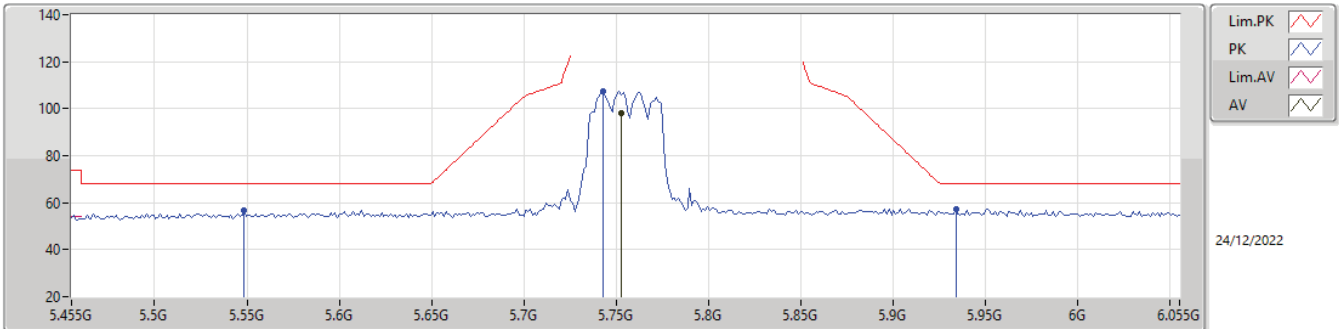
## 5.15-5.25GHz\_802.11ax HEW40\_Nss1,(MCS0)\_2TX

### 5230MHz\_TX



## 5.725-5.85GHz\_802.11ax\_HEW40\_Nss1,(MCS0)\_2TX

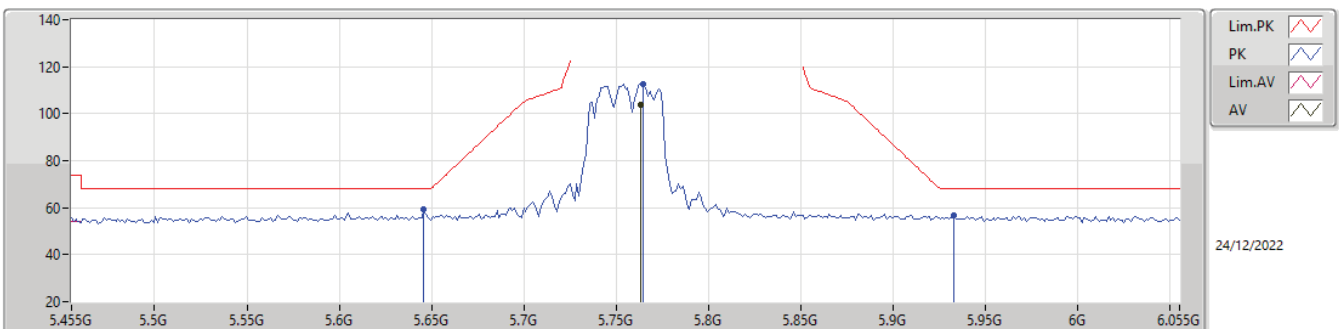
## 5755MHz\_TX



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Raw    | AF    | CL   | PA    |  |  |  |  |
|------|---------|----------|----------|--------|--------|------|-----------|---------|--------|--------|-------|------|-------|--|--|--|--|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    | (dBuV) | (dB)  | (dB) | (dB)  |  |  |  |  |
| AV   | 5.7526G | 97.95    | Inf      | -Inf   | 5.25   | 3    | Vertical  | 29      | 2.24   | 92.70  | 33.62 | 6.17 | 34.54 |  |  |  |  |
| PK   | 5.5486G | 56.66    | 68.20    | -11.54 | 4.48   | 3    | Vertical  | 29      | 2.24   | 52.18  | 33.00 | 6.04 | 34.56 |  |  |  |  |
| PK   | 5.743G  | 107.42   | Inf      | -Inf   | 5.19   | 3    | Vertical  | 29      | 2.24   | 102.23 | 33.57 | 6.16 | 34.54 |  |  |  |  |
| PK   | 5.9338G | 57.34    | 68.20    | -10.86 | 6.04   | 3    | Vertical  | 29      | 2.24   | 51.30  | 34.30 | 6.27 | 34.53 |  |  |  |  |

## 5.725-5.85GHz\_802.11ax\_HEW40\_Nss1,(MCS0)\_2TX

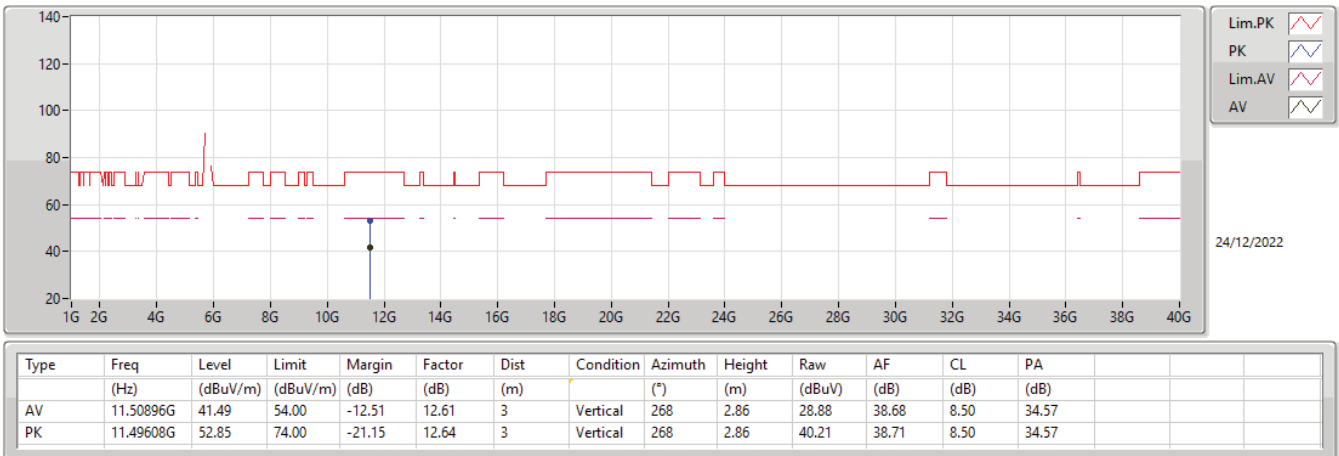
## 5755MHz\_TX



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Raw    | AF    | CL   | PA    |  |  |  |
|------|---------|----------|----------|--------|--------|------|------------|---------|--------|--------|-------|------|-------|--|--|--|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    | (dBuV) | (dB)  | (dB) | (dB)  |  |  |  |
| AV   | 5.7634G | 103.92   | Inf      | -Inf   | 5.31   | 3    | Horizontal | 345     | 2.06   | 98.61  | 33.68 | 6.17 | 34.54 |  |  |  |
| PK   | 5.6458G | 59.27    | 68.20    | -8.93  | 4.54   | 3    | Horizontal | 345     | 2.06   | 54.73  | 33.00 | 6.09 | 34.55 |  |  |  |
| PK   | 5.7646G | 112.77   | Inf      | -Inf   | 5.33   | 3    | Horizontal | 345     | 2.06   | 107.44 | 33.69 | 6.18 | 34.54 |  |  |  |
| PK   | 5.9326G | 56.65    | 68.20    | -11.55 | 6.04   | 3    | Horizontal | 345     | 2.06   | 50.61  | 34.30 | 6.27 | 34.53 |  |  |  |

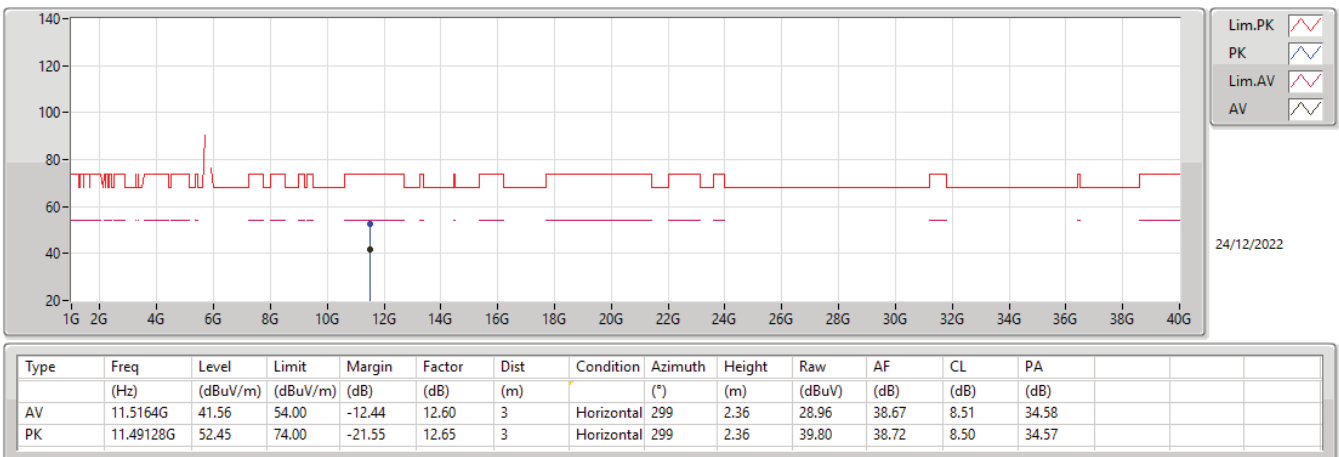
5.725-5.85GHz\_802.11ax HEW40\_Nss1,(MCS0)\_2TX

5755MHz\_TX



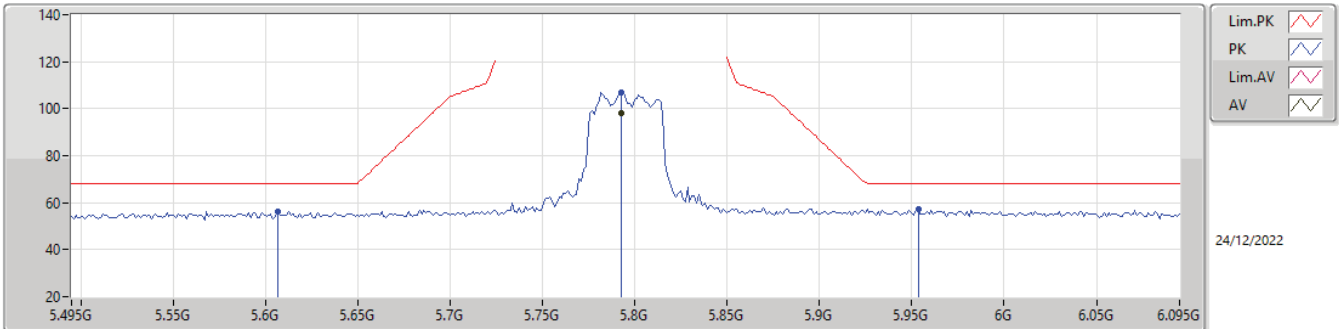
5.725-5.85GHz\_802.11ax HEW40\_Nss1,(MCS0)\_2TX

5755MHz\_TX



## 5.725-5.85GHz\_802.11ax HEW40\_Nss1,(MCS0)\_2TX

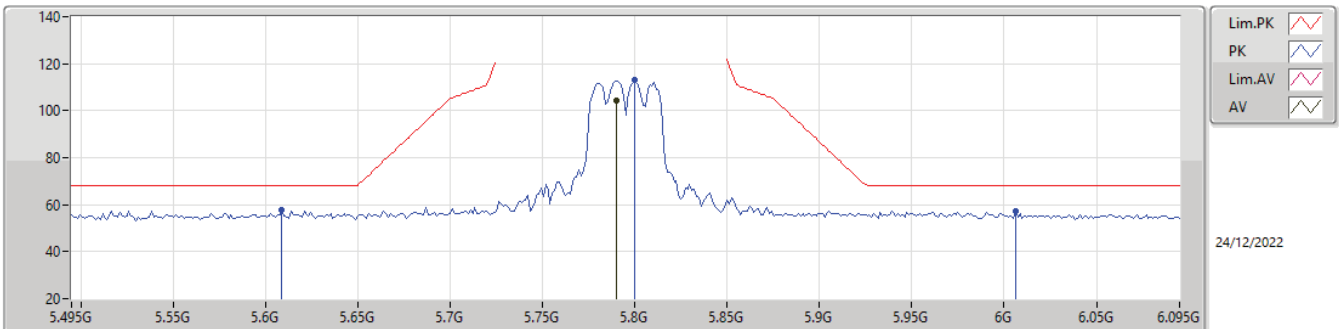
## 5795MHz\_TX



| 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) | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------------|------------|------------|------------|
| AV   | 5.7926G      | 97.92             | Inf               | -Inf           | 5.51           | 3           | Vertical  | 28             | 2.36          | 92.41         | 33.86      | 6.19       | 34.54      |
| PK   | 5.6066G      | 56.31             | 68.20             | -11.89         | 4.51           | 3           | Vertical  | 28             | 2.36          | 51.80         | 33.00      | 6.06       | 34.55      |
| PK   | 5.7926G      | 106.88            | Inf               | -Inf           | 5.51           | 3           | Vertical  | 28             | 2.36          | 101.37        | 33.86      | 6.19       | 34.54      |
| PK   | 5.9534G      | 57.43             | 68.20             | -10.77         | 6.05           | 3           | Vertical  | 28             | 2.36          | 51.38         | 34.29      | 6.28       | 34.52      |

## 5.725-5.85GHz\_802.11ax HEW40\_Nss1,(MCS0)\_2TX

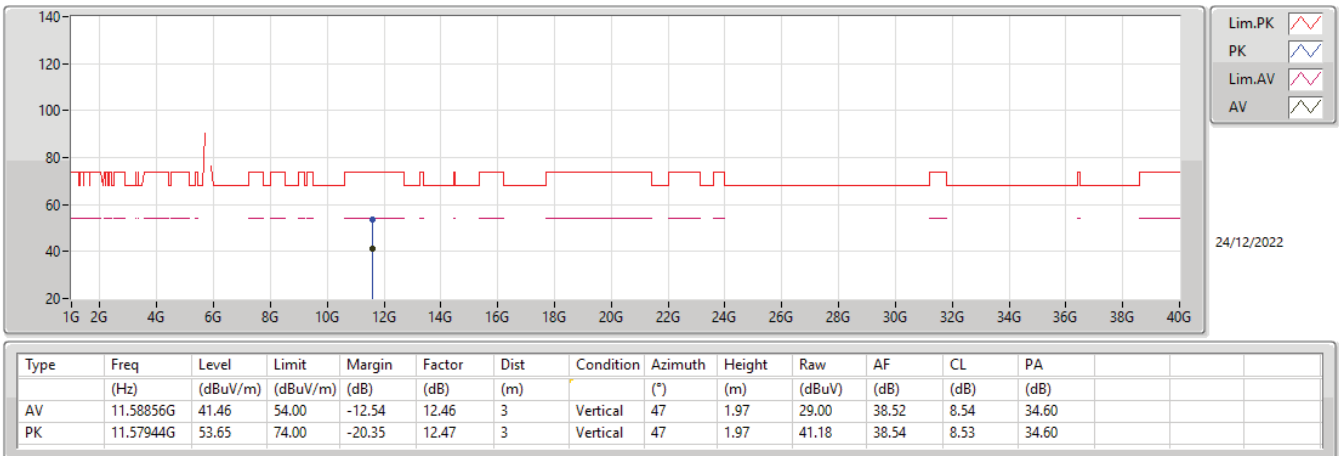
## 5795MHz\_TX



| 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) | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------------|------------|------------|------------|
| AV   | 5.7902G      | 104.33            | Inf               | -Inf           | 5.49           | 3           | Horizontal | 342            | 2.46          | 98.84         | 33.84      | 6.19       | 34.54      |
| PK   | 5.609G       | 57.68             | 68.20             | -10.52         | 4.52           | 3           | Horizontal | 342            | 2.46          | 53.16         | 33.00      | 6.07       | 34.55      |
| PK   | 5.7998G      | 113.01            | Inf               | -Inf           | 5.56           | 3           | Horizontal | 342            | 2.46          | 107.45        | 33.90      | 6.20       | 34.54      |
| PK   | 6.0062G      | 57.30             | 68.20             | -10.90         | 5.96           | 3           | Horizontal | 342            | 2.46          | 51.34         | 34.18      | 6.30       | 34.52      |

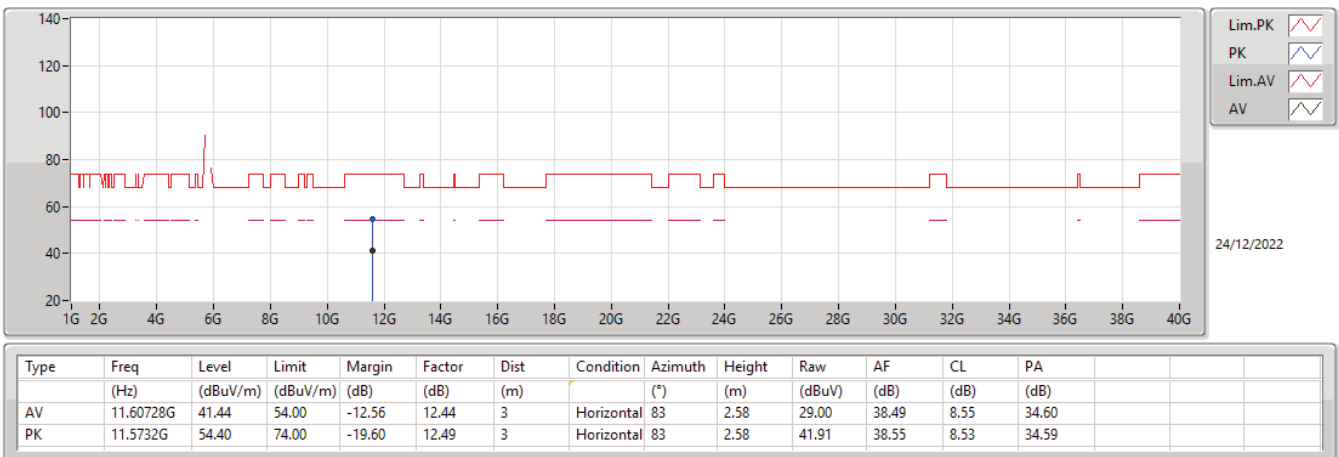
5.725-5.85GHz\_802.11ax HEW40\_Nss1,(MCS0)\_2TX

5795MHz\_TX



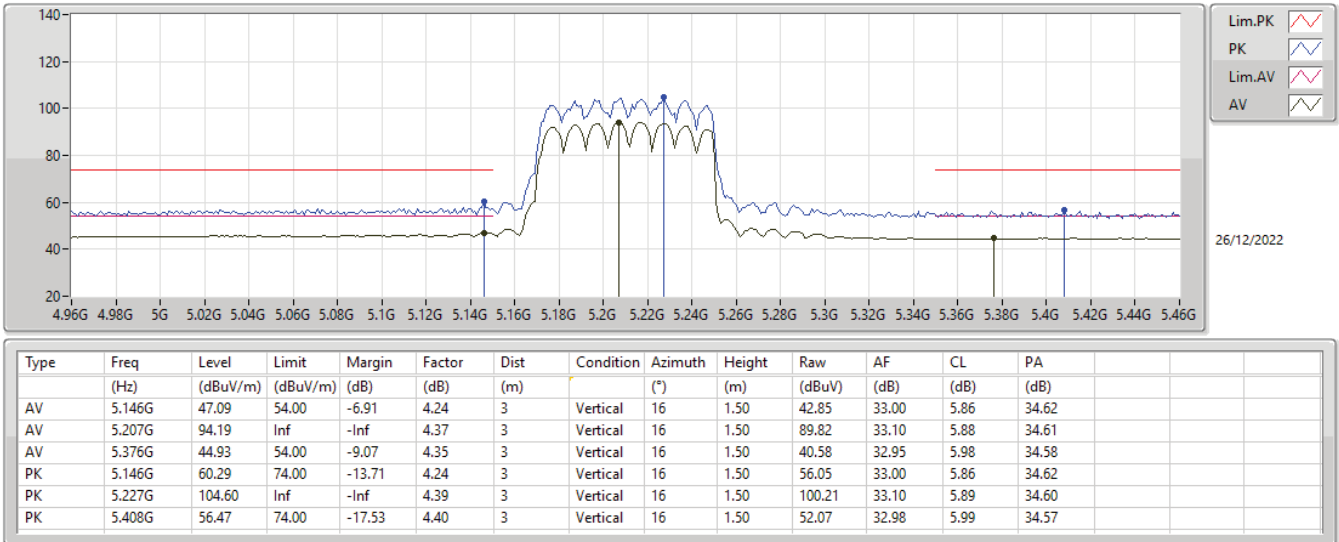
5.725-5.85GHz\_802.11ax HEW40\_Nss1,(MCS0)\_2TX

5795MHz\_TX



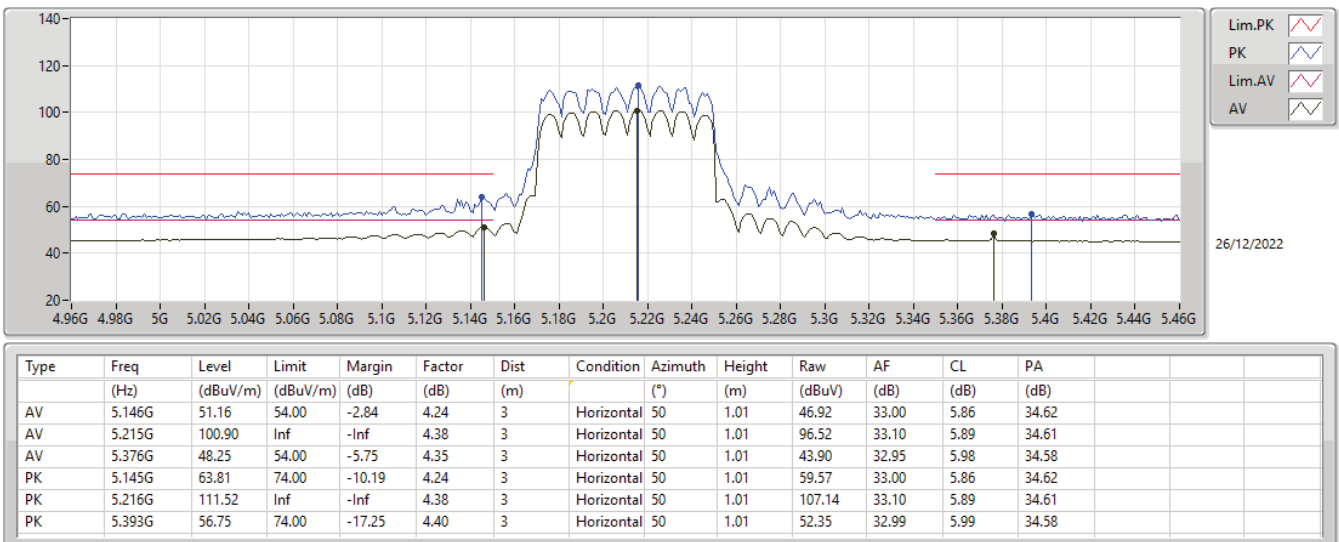
## 5.15-5.25GHz\_802.11ax HEW80\_Nss1,(MCS0)\_2TX

## 5210MHz\_TX



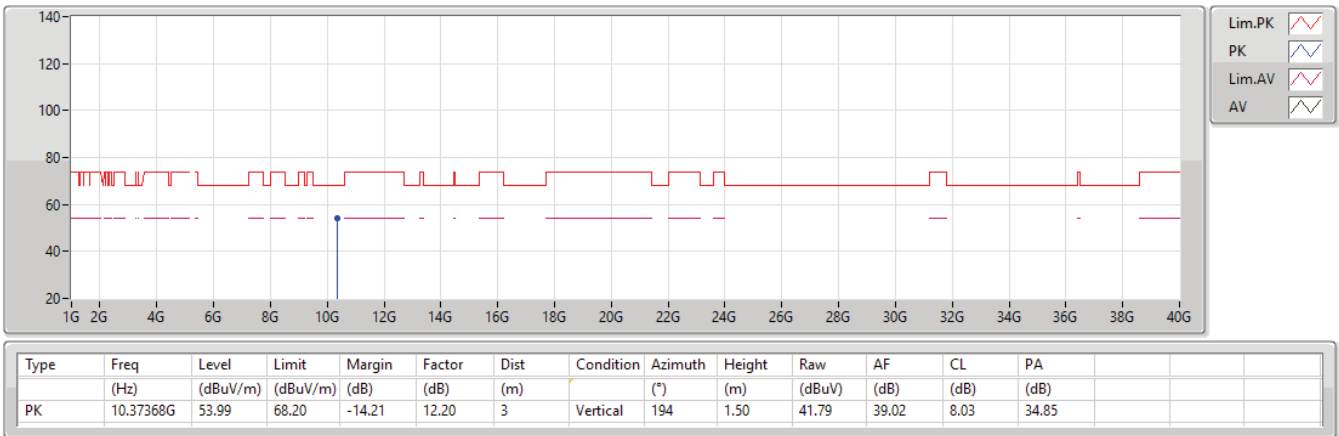
## 5.15-5.25GHz\_802.11ax HEW80\_Nss1,(MCS0)\_2TX

## 5210MHz\_TX



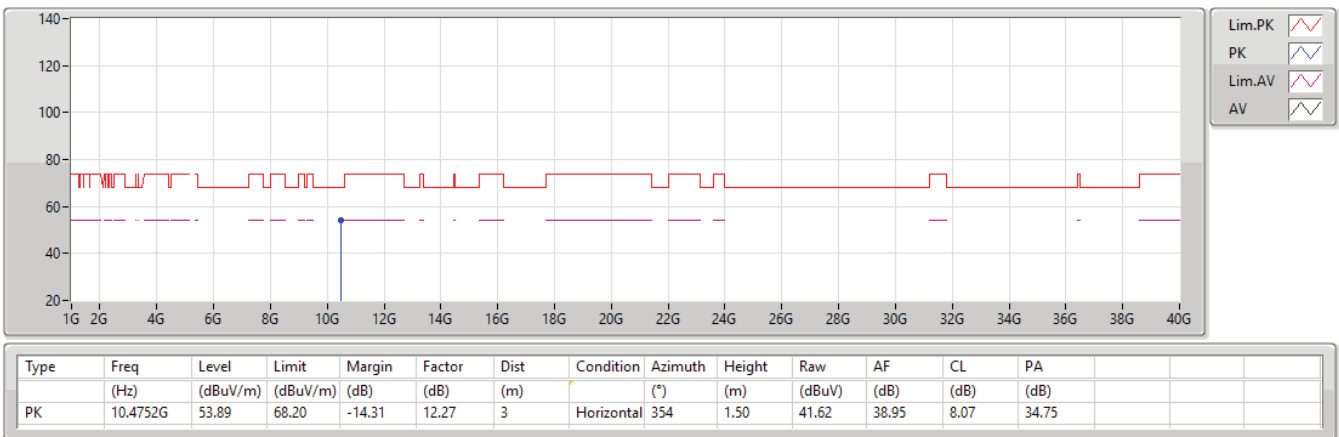
## 5.15-5.25GHz\_802.11ax HEW80\_Nss1,(MCS0)\_2TX

### 5210MHz\_TX



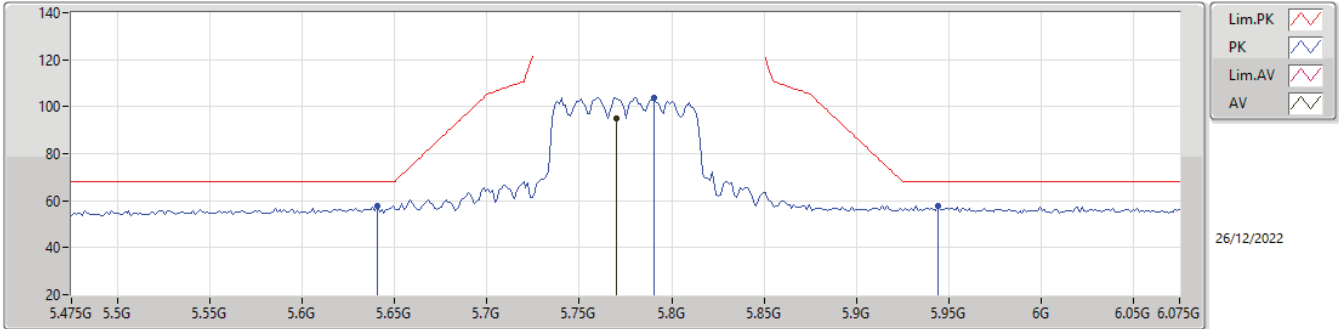
## 5.15-5.25GHz\_802.11ax HEW80\_Nss1,(MCS0)\_2TX

### 5210MHz\_TX



## 5.725-5.85GHz\_802.11ax\_HEW80\_Nss1,(MCS0)\_2TX

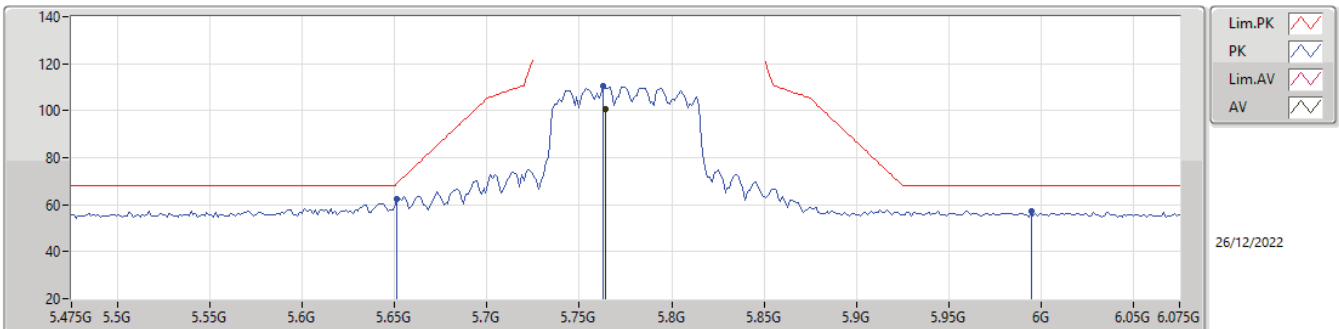
## 5775MHz\_TX



| 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) | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------------|------------|------------|------------|
| AV   | 5.7702G      | 94.90             | Inf               | -Inf           | 5.42           | 3           | Vertical  | 326            | 1.69          | 89.48         | 33.78      | 6.18       | 34.54      |
| PK   | 5.6406G      | 57.60             | 68.20             | -10.60         | 4.52           | 3           | Vertical  | 326            | 1.69          | 53.08         | 32.98      | 6.09       | 34.55      |
| PK   | 5.7906G      | 103.88            | Inf               | -Inf           | 5.51           | 3           | Vertical  | 326            | 1.69          | 98.37         | 33.86      | 6.19       | 34.54      |
| PK   | 5.9442G      | 57.99             | 68.20             | -10.21         | 5.95           | 3           | Vertical  | 326            | 1.69          | 52.04         | 34.20      | 6.27       | 34.52      |

## 5.725-5.85GHz\_802.11ax\_HEW80\_Nss1,(MCS0)\_2TX

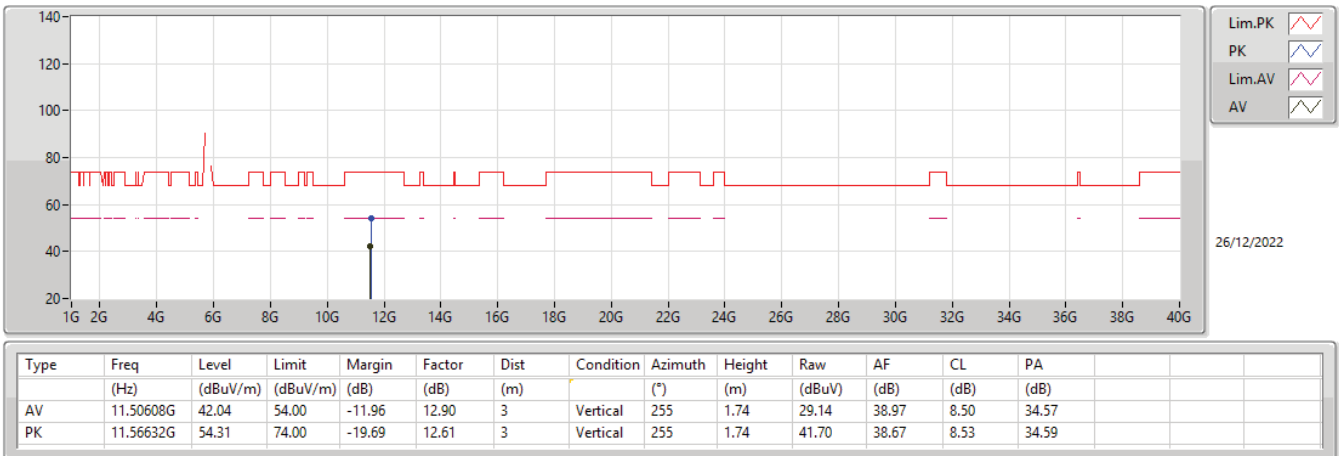
## 5775MHz\_TX



| 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) | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------------|------------|------------|------------|
| AV   | 5.7642G      | 100.73            | Inf               | -Inf           | 5.39           | 3           | Horizontal | 348            | 2.11          | 95.34         | 33.76      | 6.17       | 34.54      |
| PK   | 5.6514G      | 62.19             | 69.24             | -7.05          | 4.56           | 3           | Horizontal | 348            | 2.11          | 57.63         | 33.01      | 6.10       | 34.55      |
| PK   | 5.763G       | 110.73            | Inf               | -Inf           | 5.38           | 3           | Horizontal | 348            | 2.11          | 105.35        | 33.75      | 6.17       | 34.54      |
| PK   | 5.9946G      | 57.17             | 68.20             | -11.03         | 5.89           | 3           | Horizontal | 348            | 2.11          | 51.28         | 34.11      | 6.30       | 34.52      |

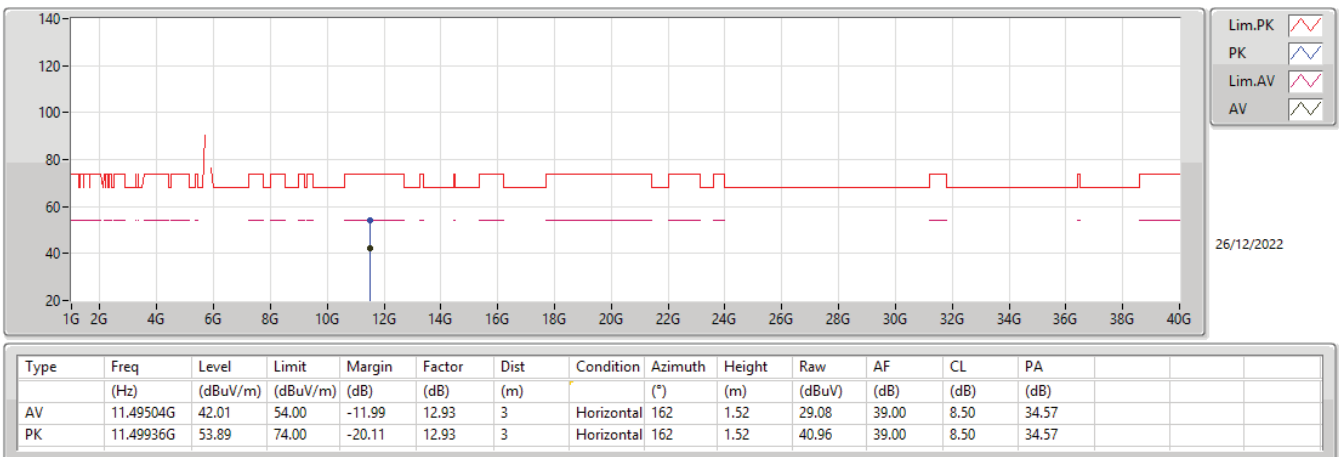
5.725-5.85GHz\_802.11ax HEW80\_Nss1,(MCS0)\_2TX

5775MHz\_TX



5.725-5.85GHz\_802.11ax HEW80\_Nss1,(MCS0)\_2TX

5775MHz\_TX





**Summary**

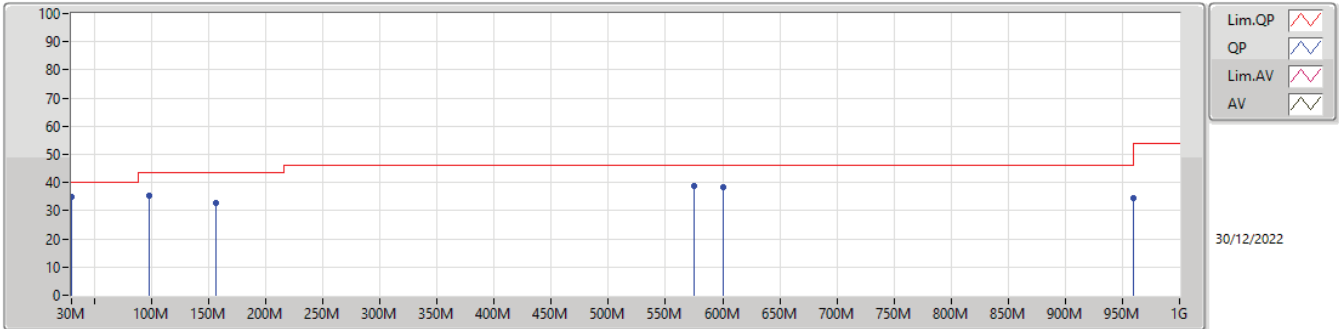
| Mode                           | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comments |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|----------|
| 5.725-5.85GHz                  | -      | -    | -            | -                 | -                 | -              | -           | -          | -              | -             | -        |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | Pass   | PK   | 82.38M       | 35.72             | 40.00             | -4.28          | 3           | Horizontal | 0              | 1.00          | -        |

**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 |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|----------|
| 802.11ax HEW80_Nss1.(MCS0)_2TX | -      | -    | -            | -                 | -                 | -              | -           | -          | -              | -             | -        |
| 5775MHz                        | Pass   | PK   | 97.9M        | 35.16             | 43.50             | -8.34          | 3           | Vertical   | 360            | 1.00          | -        |
| 5775MHz                        | Pass   | PK   | 156.1M       | 32.74             | 43.50             | -10.76         | 3           | Vertical   | 360            | 1.00          | -        |
| 5775MHz                        | Pass   | PK   | 575.14M      | 38.95             | 46.00             | -7.05          | 3           | Vertical   | 360            | 1.00          | -        |
| 5775MHz                        | Pass   | PK   | 600.36M      | 38.51             | 46.00             | -7.49          | 3           | Vertical   | 360            | 1.00          | -        |
| 5775MHz                        | Pass   | PK   | 959.26M      | 34.63             | 46.00             | -11.37         | 3           | Vertical   | 360            | 1.00          | -        |
| 5775MHz                        | Pass   | QP   | 30.11M       | 34.80             | 40.00             | -5.20          | 3           | Vertical   | 226            | 1.00          | -        |
| 5775MHz                        | Pass   | PK   | 82.38M       | 35.72             | 40.00             | -4.28          | 3           | Horizontal | 0              | 1.00          | -        |
| 5775MHz                        | Pass   | PK   | 94.02M       | 37.41             | 43.50             | -6.09          | 3           | Horizontal | 0              | 1.00          | -        |
| 5775MHz                        | Pass   | PK   | 192.96M      | 34.75             | 43.50             | -8.75          | 3           | Horizontal | 0              | 1.00          | -        |
| 5775MHz                        | Pass   | PK   | 575.14M      | 33.77             | 46.00             | -12.23         | 3           | Horizontal | 0              | 1.00          | -        |
| 5775MHz                        | Pass   | PK   | 840.92M      | 34.07             | 46.00             | -11.93         | 3           | Horizontal | 0              | 1.00          | -        |
| 5775MHz                        | Pass   | PK   | 893.3M       | 35.23             | 46.00             | -10.77         | 3           | Horizontal | 0              | 1.00          | -        |

## 5.725-5.85GHz\_802.11ax HEW80\_Nss1,(MCS0)\_2TX

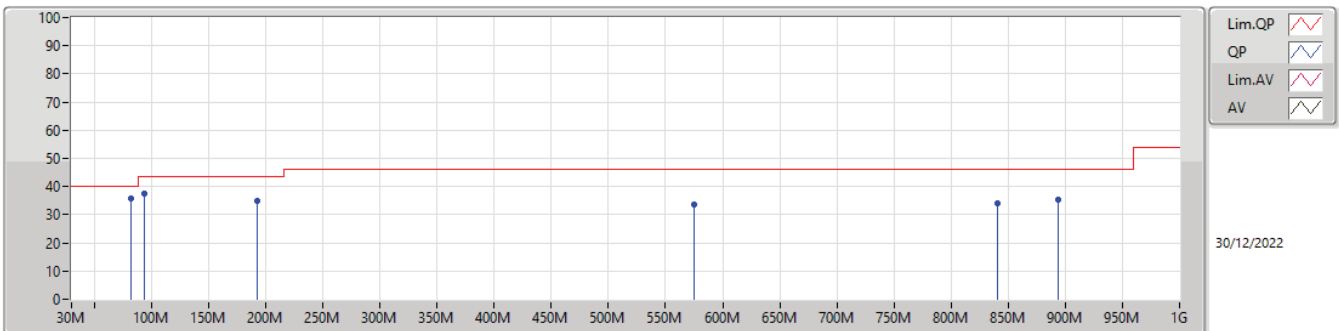
### 5775MHz\_PoE



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|------------|---------|---------|---------|
| PK   | 97.9M     | 35.16          | 43.50          | -8.34       | -20.54      | 3        | Vertical  | 360         | 1.00       | 55.70      | 15.01   | 1.10    | 36.65   |
| PK   | 156.1M    | 32.74          | 43.50          | -10.76      | -18.97      | 3        | Vertical  | 360         | 1.00       | 51.71      | 16.04   | 1.41    | 36.42   |
| PK   | 575.14M   | 38.95          | 46.00          | -7.05       | -9.40       | 3        | Vertical  | 360         | 1.00       | 48.35      | 24.96   | 2.75    | 37.11   |
| PK   | 600.36M   | 38.51          | 46.00          | -7.49       | -9.48       | 3        | Vertical  | 360         | 1.00       | 47.99      | 24.73   | 2.88    | 37.09   |
| PK   | 959.26M   | 34.63          | 46.00          | -11.37      | -3.47       | 3        | Vertical  | 360         | 1.00       | 38.10      | 30.07   | 3.77    | 37.31   |
| QP   | 30.11M    | 34.80          | 40.00          | -5.20       | -12.86      | 3        | Vertical  | 226         | 1.00       | 47.66      | 23.63   | 0.71    | 37.20   |

## 5.725-5.85GHz\_802.11ax HEW80\_Nss1,(MCS0)\_2TX

### 5775MHz\_PoE



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|------------|---------|---------|---------|
| PK   | 82.38M    | 35.72          | 40.00          | -4.28       | -23.05      | 3        | Horizontal | 0           | 1.00       | 58.77      | 12.77   | 0.98    | 36.80   |
| PK   | 94.02M    | 37.41          | 43.50          | -6.09       | -21.24      | 3        | Horizontal | 0           | 1.00       | 58.65      | 14.37   | 1.06    | 36.67   |
| PK   | 192.96M   | 34.75          | 43.50          | -8.75       | -20.74      | 3        | Horizontal | 0           | 1.00       | 55.49      | 14.02   | 1.58    | 36.34   |
| PK   | 575.14M   | 33.77          | 46.00          | -12.23      | -9.40       | 3        | Horizontal | 0           | 1.00       | 43.17      | 24.96   | 2.75    | 37.11   |
| PK   | 840.92M   | 34.07          | 46.00          | -11.93      | -5.83       | 3        | Horizontal | 0           | 1.00       | 39.90      | 28.25   | 3.51    | 37.59   |
| PK   | 893.3M    | 35.23          | 46.00          | -10.77      | -5.97       | 3        | Horizontal | 0           | 1.00       | 41.20      | 28.17   | 3.46    | 37.60   |



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) |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|
| 5.15-5.25GHz                   | -      | -    | -            | -                 | -                 | -              | -           | -          | -              | -             |
| 802.11a_Nss1,(6Mbps)_2TX       | Pass   | AV   | 5.15G        | 52.23             | 54.00             | -1.77          | 3           | Horizontal | 50             | 2.14          |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | Pass   | AV   | 5.15G        | 52.82             | 54.00             | -1.18          | 3           | Vertical   | 336            | 1.00          |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | Pass   | AV   | 5.146G       | 52.69             | 54.00             | -1.31          | 3           | Horizontal | 66             | 2.36          |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | Pass   | AV   | 5.144G       | 53.58             | 54.00             | -0.42          | 3           | Horizontal | 71             | 2.24          |
| 5.725-5.85GHz                  | -      | -    | -            | -                 | -                 | -              | -           | -          | -              | -             |
| 802.11a_Nss1,(6Mbps)_2TX       | Pass   | PK   | 5.93133G     | 59.10             | 68.20             | -9.10          | 3           | Vertical   | 1              | 2.63          |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | Pass   | PK   | 5.95432G     | 59.21             | 68.20             | -8.99          | 3           | Horizontal | 75             | 2.07          |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | Pass   | PK   | 5.9306G      | 58.71             | 68.20             | -9.49          | 3           | Horizontal | 83             | 2.94          |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | Pass   | PK   | 5.6502G      | 65.63             | 68.35             | -2.72          | 3           | Horizontal | 78             | 2.07          |



## 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) |
|--------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|
| 802.11a_Nss1,(6Mbps)_2TX | -      | -    | -            | -                 | -                 | -              | -           | -          | -              | -             |
| 5180MHz                  | Pass   | AV   | 5.148G       | 51.02             | 54.00             | -2.98          | 3           | Vertical   | 337            | 1.44          |
| 5180MHz                  | Pass   | AV   | 5.1824G      | 102.94            | Inf               | -Inf           | 3           | Vertical   | 337            | 1.44          |
| 5180MHz                  | Pass   | PK   | 5.1482G      | 59.60             | 74.00             | -14.40         | 3           | Vertical   | 337            | 1.44          |
| 5180MHz                  | Pass   | PK   | 5.182G       | 109.26            | Inf               | -Inf           | 3           | Vertical   | 337            | 1.44          |
| 5180MHz                  | Pass   | AV   | 5.15G        | 52.23             | 54.00             | -1.77          | 3           | Horizontal | 50             | 2.14          |
| 5180MHz                  | Pass   | AV   | 5.181G       | 106.26            | Inf               | -Inf           | 3           | Horizontal | 50             | 2.14          |
| 5180MHz                  | Pass   | PK   | 5.146G       | 60.60             | 74.00             | -13.40         | 3           | Horizontal | 50             | 2.14          |
| 5180MHz                  | Pass   | PK   | 5.1864G      | 113.45            | Inf               | -Inf           | 3           | Horizontal | 50             | 2.14          |
| 5180MHz                  | Pass   | PK   | 10.35504G    | 51.23             | 68.20             | -16.97         | 3           | Vertical   | 267            | 1.59          |
| 5180MHz                  | Pass   | PK   | 10.3552G     | 51.68             | 68.20             | -16.52         | 3           | Horizontal | 108            | 1.94          |
| 5200MHz                  | Pass   | AV   | 5.1232G      | 46.66             | 54.00             | -7.34          | 3           | Vertical   | 336            | 1.04          |
| 5200MHz                  | Pass   | AV   | 5.2012G      | 104.41            | Inf               | -Inf           | 3           | Vertical   | 336            | 1.04          |
| 5200MHz                  | Pass   | PK   | 5.1184G      | 58.34             | 74.00             | -15.66         | 3           | Vertical   | 336            | 1.04          |
| 5200MHz                  | Pass   | PK   | 5.1968G      | 112.63            | Inf               | -Inf           | 3           | Vertical   | 336            | 1.04          |
| 5200MHz                  | Pass   | AV   | 5.1492G      | 46.93             | 54.00             | -7.07          | 3           | Horizontal | 53             | 2.35          |
| 5200MHz                  | Pass   | AV   | 5.1976G      | 107.55            | Inf               | -Inf           | 3           | Horizontal | 53             | 2.35          |
| 5200MHz                  | Pass   | PK   | 5.1436G      | 57.48             | 74.00             | -16.52         | 3           | Horizontal | 53             | 2.35          |
| 5200MHz                  | Pass   | PK   | 5.1976G      | 115.78            | Inf               | -Inf           | 3           | Horizontal | 53             | 2.35          |
| 5200MHz                  | Pass   | PK   | 10.39696G    | 51.63             | 68.20             | -16.57         | 3           | Vertical   | 11             | 1.16          |
| 5200MHz                  | Pass   | PK   | 10.4152G     | 52.86             | 68.20             | -15.34         | 3           | Horizontal | 26             | 1.44          |
| 5240MHz                  | Pass   | AV   | 5.1176G      | 46.67             | 54.00             | -7.33          | 3           | Vertical   | 357            | 1.31          |
| 5240MHz                  | Pass   | AV   | 5.2424G      | 104.23            | Inf               | -Inf           | 3           | Vertical   | 357            | 1.31          |
| 5240MHz                  | Pass   | AV   | 5.3882G      | 45.64             | 54.00             | -8.36          | 3           | Vertical   | 357            | 1.31          |
| 5240MHz                  | Pass   | PK   | 5.1164G      | 57.72             | 74.00             | -16.28         | 3           | Vertical   | 357            | 1.31          |
| 5240MHz                  | Pass   | PK   | 5.2424G      | 112.36            | Inf               | -Inf           | 3           | Vertical   | 357            | 1.31          |
| 5240MHz                  | Pass   | PK   | 5.363G       | 56.61             | 74.00             | -17.39         | 3           | Vertical   | 357            | 1.31          |
| 5240MHz                  | Pass   | AV   | 5.099G       | 46.64             | 54.00             | -7.36          | 3           | Horizontal | 51             | 2.11          |
| 5240MHz                  | Pass   | AV   | 5.2418G      | 106.66            | Inf               | -Inf           | 3           | Horizontal | 51             | 2.11          |
| 5240MHz                  | Pass   | AV   | 5.375G       | 45.74             | 54.00             | -8.26          | 3           | Horizontal | 51             | 2.11          |
| 5240MHz                  | Pass   | PK   | 5.141G       | 57.97             | 74.00             | -16.03         | 3           | Horizontal | 51             | 2.11          |
| 5240MHz                  | Pass   | PK   | 5.2418G      | 114.96            | Inf               | -Inf           | 3           | Horizontal | 51             | 2.11          |
| 5240MHz                  | Pass   | PK   | 5.3714G      | 56.72             | 74.00             | -17.28         | 3           | Horizontal | 51             | 2.11          |
| 5240MHz                  | Pass   | PK   | 10.48868G    | 51.75             | 68.20             | -16.45         | 3           | Vertical   | 273            | 2.70          |
| 5240MHz                  | Pass   | PK   | 10.4818G     | 52.09             | 68.20             | -16.11         | 3           | Horizontal | 265            | 1.18          |
| 5745MHz                  | Pass   | AV   | 5.7438G      | 106.54            | Inf               | -Inf           | 3           | Vertical   | 3              | 2.54          |
| 5745MHz                  | Pass   | PK   | 5.5926G      | 57.96             | 68.20             | -10.24         | 3           | Vertical   | 3              | 2.54          |
| 5745MHz                  | Pass   | PK   | 5.7438G      | 113.84            | Inf               | -Inf           | 3           | Vertical   | 3              | 2.54          |
| 5745MHz                  | Pass   | PK   | 5.9862G      | 57.97             | 68.20             | -10.23         | 3           | Vertical   | 3              | 2.54          |
| 5745MHz                  | Pass   | AV   | 5.7486G      | 106.77            | Inf               | -Inf           | 3           | Horizontal | 50             | 2.64          |
| 5745MHz                  | Pass   | PK   | 5.6118G      | 57.50             | 68.20             | -10.70         | 3           | Horizontal | 50             | 2.64          |
| 5745MHz                  | Pass   | PK   | 5.7438G      | 114.39            | Inf               | -Inf           | 3           | Horizontal | 50             | 2.64          |
| 5745MHz                  | Pass   | PK   | 5.9586G      | 58.52             | 68.20             | -9.68          | 3           | Horizontal | 50             | 2.64          |
| 5745MHz                  | Pass   | AV   | 11.49824G    | 42.88             | 54.00             | -11.12         | 3           | Vertical   | 98             | 2.31          |
| 5745MHz                  | Pass   | PK   | 11.4822G     | 51.54             | 74.00             | -22.46         | 3           | Vertical   | 98             | 2.31          |
| 5745MHz                  | Pass   | AV   | 11.4984G     | 42.99             | 54.00             | -11.01         | 3           | Horizontal | 29             | 1.15          |
| 5745MHz                  | Pass   | PK   | 11.4944G     | 52.45             | 74.00             | -21.55         | 3           | Horizontal | 29             | 1.15          |
| 5785MHz                  | Pass   | AV   | 5.78371G     | 106.75            | Inf               | -Inf           | 3           | Vertical   | 1              | 2.63          |
| 5785MHz                  | Pass   | PK   | 5.601G       | 57.06             | 68.20             | -11.14         | 3           | Vertical   | 1              | 2.63          |
| 5785MHz                  | Pass   | PK   | 5.78855G     | 113.84            | Inf               | -Inf           | 3           | Vertical   | 1              | 2.63          |
| 5785MHz                  | Pass   | PK   | 5.93133G     | 59.10             | 68.20             | -9.10          | 3           | Vertical   | 1              | 2.63          |
| 5785MHz                  | Pass   | AV   | 5.7825G      | 107.67            | Inf               | -Inf           | 3           | Horizontal | 57             | 2.05          |
| 5785MHz                  | Pass   | PK   | 5.56954G     | 56.89             | 68.20             | -11.31         | 3           | Horizontal | 57             | 2.05          |
| 5785MHz                  | Pass   | PK   | 5.7825G      | 115.15            | Inf               | -Inf           | 3           | Horizontal | 57             | 2.05          |
| 5785MHz                  | Pass   | PK   | 5.93012G     | 57.89             | 68.20             | -10.31         | 3           | Horizontal | 57             | 2.05          |
| 5785MHz                  | Pass   | AV   | 11.56684G    | 42.50             | 54.00             | -11.50         | 3           | Vertical   | 139            | 1.86          |
| 5785MHz                  | Pass   | PK   | 11.57544G    | 51.68             | 74.00             | -22.32         | 3           | Vertical   | 139            | 1.86          |
| 5785MHz                  | Pass   | AV   | 11.57772G    | 42.59             | 54.00             | -11.41         | 3           | Horizontal | 159            | 1.80          |
| 5785MHz                  | Pass   | PK   | 11.57524G    | 52.25             | 74.00             | -21.75         | 3           | Horizontal | 159            | 1.80          |
| 5825MHz                  | Pass   | AV   | 5.8298G      | 106.48            | Inf               | -Inf           | 3           | Vertical   | 2              | 2.73          |
| 5825MHz                  | Pass   | PK   | 5.5922G      | 57.61             | 68.20             | -10.59         | 3           | Vertical   | 2              | 2.73          |



## RSE TX above 1GHz\_C-330\_Radio 3

## Appendix E.4

| Mode                           | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) |
|--------------------------------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|
| 5825MHz                        | Pass   | PK   | 5.8298G   | 113.94         | Inf            | -Inf        | 3        | Vertical   | 2           | 2.73       |
| 5825MHz                        | Pass   | PK   | 6.0062G   | 58.16          | 68.20          | -10.04      | 3        | Vertical   | 2           | 2.73       |
| 5825MHz                        | Pass   | AV   | 5.8226G   | 108.23         | Inf            | -Inf        | 3        | Horizontal | 54          | 2.13       |
| 5825MHz                        | Pass   | PK   | 5.6054G   | 58.50          | 68.20          | -9.70       | 3        | Horizontal | 54          | 2.13       |
| 5825MHz                        | Pass   | PK   | 5.8178G   | 115.71         | Inf            | -Inf        | 3        | Horizontal | 54          | 2.13       |
| 5825MHz                        | Pass   | PK   | 6.1022G   | 58.35          | 68.20          | -9.85       | 3        | Horizontal | 54          | 2.13       |
| 5825MHz                        | Pass   | AV   | 11.64676G | 42.53          | 54.00          | -11.47      | 3        | Vertical   | 128         | 2.95       |
| 5825MHz                        | Pass   | PK   | 11.64104G | 51.71          | 74.00          | -22.29      | 3        | Vertical   | 128         | 2.95       |
| 5825MHz                        | Pass   | AV   | 11.6574G  | 42.66          | 54.00          | -11.34      | 3        | Horizontal | 303         | 2.61       |
| 5825MHz                        | Pass   | PK   | 11.64036G | 52.32          | 74.00          | -21.68      | 3        | Horizontal | 303         | 2.61       |
| 802.11ax HEW20_Nss1.(MCS0)_2TX | -      | -    | -         | -              | -              | -           | -        | -          | -           | -          |
| 5180MHz                        | Pass   | AV   | 5.15G     | 52.82          | 54.00          | -1.18       | 3        | Vertical   | 336         | 1.00       |
| 5180MHz                        | Pass   | AV   | 5.1822G   | 103.50         | Inf            | -Inf        | 3        | Vertical   | 336         | 1.00       |
| 5180MHz                        | Pass   | PK   | 5.1496G   | 61.16          | 74.00          | -12.84      | 3        | Vertical   | 336         | 1.00       |
| 5180MHz                        | Pass   | PK   | 5.182G    | 110.38         | Inf            | -Inf        | 3        | Vertical   | 336         | 1.00       |
| 5180MHz                        | Pass   | AV   | 5.1458G   | 51.05          | 54.00          | -2.95       | 3        | Horizontal | 49          | 2.14       |
| 5180MHz                        | Pass   | AV   | 5.1836G   | 105.37         | Inf            | -Inf        | 3        | Horizontal | 49          | 2.14       |
| 5180MHz                        | Pass   | PK   | 5.1462G   | 60.69          | 74.00          | -13.31      | 3        | Horizontal | 49          | 2.14       |
| 5180MHz                        | Pass   | PK   | 5.1836G   | 114.37         | Inf            | -Inf        | 3        | Horizontal | 49          | 2.14       |
| 5180MHz                        | Pass   | PK   | 10.36276G | 51.77          | 68.20          | -16.43      | 3        | Vertical   | 110         | 1.31       |
| 5180MHz                        | Pass   | PK   | 10.35428G | 52.07          | 68.20          | -16.13      | 3        | Horizontal | 186         | 2.72       |
| 5200MHz                        | Pass   | AV   | 5.15G     | 47.33          | 54.00          | -6.67       | 3        | Vertical   | 343         | 2.54       |
| 5200MHz                        | Pass   | AV   | 5.1984G   | 104.10         | Inf            | -Inf        | 3        | Vertical   | 343         | 2.54       |
| 5200MHz                        | Pass   | PK   | 5.1476G   | 58.91          | 74.00          | -15.09      | 3        | Vertical   | 343         | 2.54       |
| 5200MHz                        | Pass   | PK   | 5.1992G   | 115.37         | Inf            | -Inf        | 3        | Vertical   | 343         | 2.54       |
| 5200MHz                        | Pass   | AV   | 5.1472G   | 47.37          | 54.00          | -6.63       | 3        | Horizontal | 53          | 2.36       |
| 5200MHz                        | Pass   | AV   | 5.196G    | 107.27         | Inf            | -Inf        | 3        | Horizontal | 53          | 2.36       |
| 5200MHz                        | Pass   | PK   | 5.1456G   | 61.95          | 74.00          | -12.05      | 3        | Horizontal | 53          | 2.36       |
| 5200MHz                        | Pass   | PK   | 5.1968G   | 117.68         | Inf            | -Inf        | 3        | Horizontal | 53          | 2.36       |
| 5200MHz                        | Pass   | PK   | 10.40524G | 51.97          | 68.20          | -16.23      | 3        | Vertical   | 108         | 1.72       |
| 5200MHz                        | Pass   | PK   | 10.39312G | 52.36          | 68.20          | -15.84      | 3        | Horizontal | 96          | 2.25       |
| 5240MHz                        | Pass   | AV   | 5.1182G   | 46.01          | 54.00          | -7.99       | 3        | Vertical   | 37          | 1.32       |
| 5240MHz                        | Pass   | AV   | 5.237G    | 104.09         | Inf            | -Inf        | 3        | Vertical   | 37          | 1.32       |
| 5240MHz                        | Pass   | AV   | 5.381G    | 44.98          | 54.00          | -9.02       | 3        | Vertical   | 37          | 1.32       |
| 5240MHz                        | Pass   | PK   | 5.1278G   | 57.57          | 74.00          | -16.43      | 3        | Vertical   | 37          | 1.32       |
| 5240MHz                        | Pass   | PK   | 5.2376G   | 115.28         | Inf            | -Inf        | 3        | Vertical   | 37          | 1.32       |
| 5240MHz                        | Pass   | PK   | 5.3774G   | 56.62          | 74.00          | -17.38      | 3        | Vertical   | 37          | 1.32       |
| 5240MHz                        | Pass   | AV   | 5.123G    | 46.25          | 54.00          | -7.75       | 3        | Horizontal | 49          | 2.12       |
| 5240MHz                        | Pass   | AV   | 5.2436G   | 106.86         | Inf            | -Inf        | 3        | Horizontal | 49          | 2.12       |
| 5240MHz                        | Pass   | AV   | 5.3738G   | 45.30          | 54.00          | -8.70       | 3        | Horizontal | 49          | 2.12       |
| 5240MHz                        | Pass   | PK   | 5.1344G   | 57.58          | 74.00          | -16.42      | 3        | Horizontal | 49          | 2.12       |
| 5240MHz                        | Pass   | PK   | 5.2424G   | 117.06         | Inf            | -Inf        | 3        | Horizontal | 49          | 2.12       |
| 5240MHz                        | Pass   | PK   | 5.3684G   | 56.89          | 74.00          | -17.11      | 3        | Horizontal | 49          | 2.12       |
| 5240MHz                        | Pass   | PK   | 10.47016G | 51.82          | 68.20          | -16.38      | 3        | Vertical   | 149         | 2.42       |
| 5240MHz                        | Pass   | PK   | 10.48292G | 51.99          | 68.20          | -16.21      | 3        | Horizontal | 212         | 1.03       |
| 5745MHz                        | Pass   | AV   | 5.7426G   | 105.70         | Inf            | -Inf        | 3        | Vertical   | 16          | 1.49       |
| 5745MHz                        | Pass   | PK   | 5.6502G   | 57.32          | 68.35          | -11.03      | 3        | Vertical   | 16          | 1.49       |
| 5745MHz                        | Pass   | PK   | 5.7426G   | 115.83         | Inf            | -Inf        | 3        | Vertical   | 16          | 1.49       |
| 5745MHz                        | Pass   | PK   | 5.955G    | 57.85          | 68.20          | -10.35      | 3        | Vertical   | 16          | 1.49       |
| 5745MHz                        | Pass   | AV   | 5.7426G   | 104.02         | Inf            | -Inf        | 3        | Horizontal | 55          | 1.66       |
| 5745MHz                        | Pass   | PK   | 5.6022G   | 57.11          | 68.20          | -11.09      | 3        | Horizontal | 55          | 1.66       |
| 5745MHz                        | Pass   | PK   | 5.7426G   | 113.97         | Inf            | -Inf        | 3        | Horizontal | 55          | 1.66       |
| 5745MHz                        | Pass   | PK   | 6.0318G   | 57.57          | 68.20          | -10.63      | 3        | Horizontal | 55          | 1.66       |
| 5745MHz                        | Pass   | AV   | 11.50458G | 42.60          | 54.00          | -11.40      | 3        | Vertical   | 268         | 1.50       |
| 5745MHz                        | Pass   | PK   | 11.48322G | 54.45          | 74.00          | -19.55      | 3        | Vertical   | 268         | 1.50       |
| 5745MHz                        | Pass   | AV   | 11.47716G | 42.60          | 54.00          | -11.40      | 3        | Horizontal | 3           | 1.52       |
| 5745MHz                        | Pass   | PK   | 11.49132G | 54.73          | 74.00          | -19.27      | 3        | Horizontal | 3           | 1.52       |
| 5785MHz                        | Pass   | AV   | 5.7825G   | 105.93         | Inf            | -Inf        | 3        | Vertical   | 19          | 1.47       |
| 5785MHz                        | Pass   | PK   | 5.59616G  | 56.83          | 68.20          | -11.37      | 3        | Vertical   | 19          | 1.47       |
| 5785MHz                        | Pass   | PK   | 5.7825G   | 115.93         | Inf            | -Inf        | 3        | Vertical   | 19          | 1.47       |
| 5785MHz                        | Pass   | PK   | 6.00393G  | 58.52          | 68.20          | -9.68       | 3        | Vertical   | 19          | 1.47       |
| 5785MHz                        | Pass   | AV   | 5.78129G  | 107.21         | Inf            | -Inf        | 3        | Horizontal | 75          | 2.07       |



## RSE TX above 1GHz\_C-330\_Radio 3

## Appendix E.4

| 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) |
|--------------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|
| 5785MHz                        | Pass   | PK   | 5.5889G      | 57.33             | 68.20             | -10.87         | 3           | Horizontal | 75             | 2.07          |
| 5785MHz                        | Pass   | PK   | 5.78008G     | 118.05            | Inf               | -Inf           | 3           | Horizontal | 75             | 2.07          |
| 5785MHz                        | Pass   | PK   | 5.95432G     | 59.21             | 68.20             | -8.99          | 3           | Horizontal | 75             | 2.07          |
| 5785MHz                        | Pass   | AV   | 11.55938G    | 42.40             | 54.00             | -11.60         | 3           | Vertical   | 51             | 1.50          |
| 5785MHz                        | Pass   | PK   | 11.56478G    | 54.28             | 74.00             | -19.72         | 3           | Vertical   | 51             | 1.50          |
| 5785MHz                        | Pass   | AV   | 11.5586G     | 42.26             | 54.00             | -11.74         | 3           | Horizontal | 35             | 1.50          |
| 5785MHz                        | Pass   | PK   | 11.57228G    | 53.91             | 74.00             | -20.09         | 3           | Horizontal | 35             | 1.50          |
| 5825MHz                        | Pass   | AV   | 5.8238G      | 106.21            | Inf               | -Inf           | 3           | Vertical   | 22             | 2.36          |
| 5825MHz                        | Pass   | PK   | 5.5994G      | 57.37             | 68.20             | -10.83         | 3           | Vertical   | 22             | 2.36          |
| 5825MHz                        | Pass   | PK   | 5.8238G      | 116.88            | Inf               | -Inf           | 3           | Vertical   | 22             | 2.36          |
| 5825MHz                        | Pass   | PK   | 5.9402G      | 57.86             | 68.20             | -10.34         | 3           | Vertical   | 22             | 2.36          |
| 5825MHz                        | Pass   | AV   | 5.8214G      | 107.86            | Inf               | -Inf           | 3           | Horizontal | 73             | 2.12          |
| 5825MHz                        | Pass   | PK   | 5.6186G      | 56.80             | 68.20             | -11.40         | 3           | Horizontal | 73             | 2.12          |
| 5825MHz                        | Pass   | PK   | 5.8214G      | 117.39            | Inf               | -Inf           | 3           | Horizontal | 73             | 2.12          |
| 5825MHz                        | Pass   | PK   | 5.999G       | 57.78             | 68.20             | -10.42         | 3           | Horizontal | 73             | 2.12          |
| 5825MHz                        | Pass   | AV   | 11.65648G    | 42.38             | 54.00             | -11.62         | 3           | Vertical   | 196            | 2.38          |
| 5825MHz                        | Pass   | PK   | 11.66044G    | 54.35             | 74.00             | -19.65         | 3           | Vertical   | 196            | 2.38          |
| 5825MHz                        | Pass   | AV   | 11.66152G    | 42.35             | 54.00             | -11.65         | 3           | Horizontal | 352            | 1.50          |
| 5825MHz                        | Pass   | PK   | 11.64682G    | 54.06             | 74.00             | -19.94         | 3           | Horizontal | 352            | 1.50          |
| 802.11ax HEW40_Nss1.(MCS0)_2TX | -      | -    | -            | -                 | -                 | -              | -           | -          | -              | -             |
| 5190MHz                        | Pass   | AV   | 5.1448G      | 51.03             | 54.00             | -2.97          | 3           | Vertical   | 354            | 1.05          |
| 5190MHz                        | Pass   | AV   | 5.1948G      | 98.89             | Inf               | -Inf           | 3           | Vertical   | 354            | 1.05          |
| 5190MHz                        | Pass   | PK   | 5.1428G      | 65.94             | 74.00             | -8.06          | 3           | Vertical   | 354            | 1.05          |
| 5190MHz                        | Pass   | PK   | 5.1948G      | 109.32            | Inf               | -Inf           | 3           | Vertical   | 354            | 1.05          |
| 5190MHz                        | Pass   | AV   | 5.146G       | 52.69             | 54.00             | -1.31          | 3           | Horizontal | 66             | 2.36          |
| 5190MHz                        | Pass   | AV   | 5.196G       | 101.67            | Inf               | -Inf           | 3           | Horizontal | 66             | 2.36          |
| 5190MHz                        | Pass   | PK   | 5.1424G      | 67.71             | 74.00             | -6.29          | 3           | Horizontal | 66             | 2.36          |
| 5190MHz                        | Pass   | PK   | 5.1956G      | 113.17            | Inf               | -Inf           | 3           | Horizontal | 66             | 2.36          |
| 5190MHz                        | Pass   | PK   | 10.3896G     | 54.88             | 68.20             | -13.32         | 3           | Vertical   | 315            | 1.50          |
| 5190MHz                        | Pass   | PK   | 10.38996G    | 54.10             | 68.20             | -14.10         | 3           | Horizontal | 148            | 1.57          |
| 5230MHz                        | Pass   | AV   | 5.1488G      | 47.23             | 54.00             | -6.77          | 3           | Vertical   | 52             | 1.35          |
| 5230MHz                        | Pass   | AV   | 5.228G       | 100.64            | Inf               | -Inf           | 3           | Vertical   | 52             | 1.35          |
| 5230MHz                        | Pass   | PK   | 5.1492G      | 58.91             | 74.00             | -15.09         | 3           | Vertical   | 52             | 1.35          |
| 5230MHz                        | Pass   | PK   | 5.2276G      | 111.75            | Inf               | -Inf           | 3           | Vertical   | 52             | 1.35          |
| 5230MHz                        | Pass   | AV   | 5.144G       | 47.53             | 54.00             | -6.47          | 3           | Horizontal | 61             | 2.14          |
| 5230MHz                        | Pass   | AV   | 5.2336G      | 103.72            | Inf               | -Inf           | 3           | Horizontal | 61             | 2.14          |
| 5230MHz                        | Pass   | PK   | 5.1456G      | 59.76             | 74.00             | -14.24         | 3           | Horizontal | 61             | 2.14          |
| 5230MHz                        | Pass   | PK   | 5.2352G      | 114.81            | Inf               | -Inf           | 3           | Horizontal | 61             | 2.14          |
| 5230MHz                        | Pass   | PK   | 10.45604G    | 53.81             | 68.20             | -14.39         | 3           | Vertical   | 198            | 1.50          |
| 5230MHz                        | Pass   | PK   | 10.46408G    | 54.19             | 68.20             | -14.01         | 3           | Horizontal | 256            | 1.38          |
| 5755MHz                        | Pass   | AV   | 5.7514G      | 102.52            | Inf               | -Inf           | 3           | Vertical   | 16             | 1.50          |
| 5755MHz                        | Pass   | PK   | 5.5678G      | 56.77             | 68.20             | -11.43         | 3           | Vertical   | 16             | 1.50          |
| 5755MHz                        | Pass   | PK   | 5.7514G      | 112.69            | Inf               | -Inf           | 3           | Vertical   | 16             | 1.50          |
| 5755MHz                        | Pass   | PK   | 6.0142G      | 58.02             | 68.20             | -10.18         | 3           | Vertical   | 16             | 1.50          |
| 5755MHz                        | Pass   | AV   | 5.7538G      | 102.37            | Inf               | -Inf           | 3           | Horizontal | 66             | 3.00          |
| 5755MHz                        | Pass   | PK   | 5.5342G      | 57.19             | 68.20             | -11.01         | 3           | Horizontal | 66             | 3.00          |
| 5755MHz                        | Pass   | PK   | 5.7562G      | 112.59            | Inf               | -Inf           | 3           | Horizontal | 66             | 3.00          |
| 5755MHz                        | Pass   | PK   | 5.9362G      | 58.17             | 68.20             | -10.03         | 3           | Horizontal | 66             | 3.00          |
| 5755MHz                        | Pass   | AV   | 11.48828G    | 42.62             | 54.00             | -11.38         | 3           | Vertical   | 308            | 1.53          |
| 5755MHz                        | Pass   | PK   | 11.48864G    | 54.48             | 74.00             | -19.52         | 3           | Vertical   | 308            | 1.53          |
| 5755MHz                        | Pass   | AV   | 11.50184G    | 42.60             | 54.00             | -11.40         | 3           | Horizontal | 308            | 1.21          |
| 5755MHz                        | Pass   | PK   | 11.49164G    | 54.45             | 74.00             | -19.55         | 3           | Horizontal | 308            | 1.21          |
| 5795MHz                        | Pass   | AV   | 5.7938G      | 102.75            | Inf               | -Inf           | 3           | Vertical   | 21             | 1.44          |
| 5795MHz                        | Pass   | PK   | 5.495G       | 57.51             | 68.20             | -10.69         | 3           | Vertical   | 21             | 1.44          |
| 5795MHz                        | Pass   | PK   | 5.7926G      | 112.93            | Inf               | -Inf           | 3           | Vertical   | 21             | 1.44          |
| 5795MHz                        | Pass   | PK   | 5.9378G      | 58.41             | 68.20             | -9.79          | 3           | Vertical   | 21             | 1.44          |
| 5795MHz                        | Pass   | AV   | 5.7986G      | 103.22            | Inf               | -Inf           | 3           | Horizontal | 83             | 2.94          |
| 5795MHz                        | Pass   | PK   | 5.621G       | 57.45             | 68.20             | -10.75         | 3           | Horizontal | 83             | 2.94          |
| 5795MHz                        | Pass   | PK   | 5.789G       | 113.33            | Inf               | -Inf           | 3           | Horizontal | 83             | 2.94          |
| 5795MHz                        | Pass   | PK   | 5.9306G      | 58.71             | 68.20             | -9.49          | 3           | Horizontal | 83             | 2.94          |
| 5795MHz                        | Pass   | AV   | 11.56852G    | 42.33             | 54.00             | -11.67         | 3           | Vertical   | 246            | 1.50          |
| 5795MHz                        | Pass   | PK   | 11.56144G    | 54.49             | 74.00             | -19.51         | 3           | Vertical   | 246            | 1.50          |



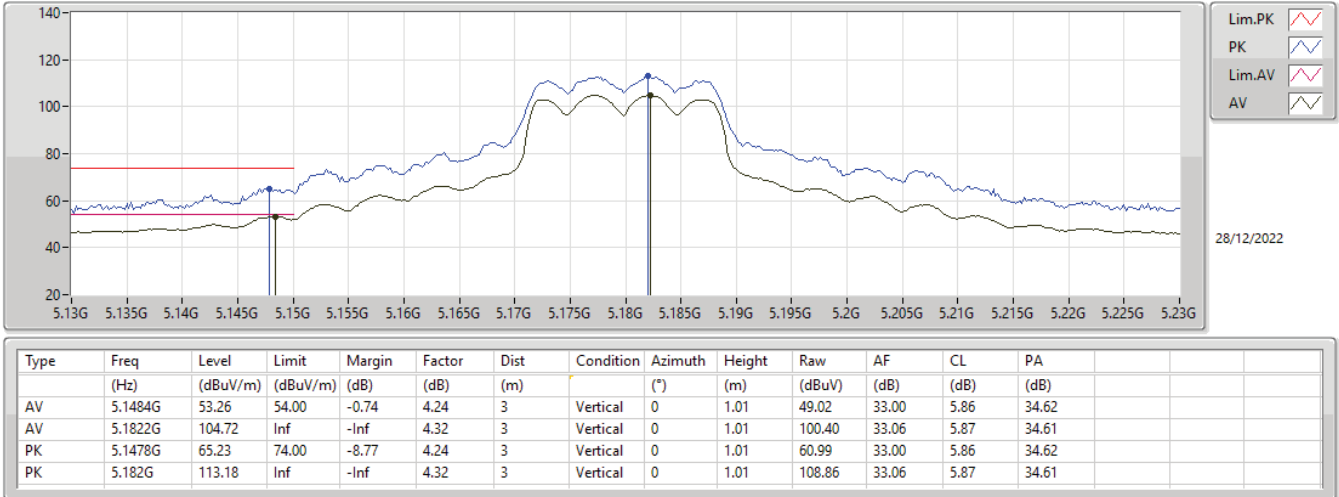
## RSE TX above 1GHz\_C-330\_Radio 3

## Appendix E.4

| Mode                           | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) |
|--------------------------------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|
| 5795MHz                        | Pass   | AV   | 11.5606G  | 42.29          | 54.00          | -11.71      | 3        | Horizontal | 116         | 1.50       |
| 5795MHz                        | Pass   | PK   | 11.60212G | 54.70          | 74.00          | -19.30      | 3        | Horizontal | 116         | 1.50       |
| 802.11ax HEW80_Nss1,(MCS0)_2TX | -      | -    | -         | -              | -              | -           | -        | -          | -           | -          |
| 5210MHz                        | Pass   | AV   | 5.147G    | 53.09          | 54.00          | -0.91       | 3        | Vertical   | 0           | 2.41       |
| 5210MHz                        | Pass   | AV   | 5.208G    | 95.55          | Inf            | -Inf        | 3        | Vertical   | 0           | 2.41       |
| 5210MHz                        | Pass   | AV   | 5.433G    | 45.10          | 54.00          | -8.90       | 3        | Vertical   | 0           | 2.41       |
| 5210MHz                        | Pass   | PK   | 5.148G    | 64.48          | 74.00          | -9.52       | 3        | Vertical   | 0           | 2.41       |
| 5210MHz                        | Pass   | PK   | 5.188G    | 105.39         | Inf            | -Inf        | 3        | Vertical   | 0           | 2.41       |
| 5210MHz                        | Pass   | PK   | 5.456G    | 56.66          | 74.00          | -17.34      | 3        | Vertical   | 0           | 2.41       |
| 5210MHz                        | Pass   | AV   | 5.144G    | 53.58          | 54.00          | -0.42       | 3        | Horizontal | 71          | 2.24       |
| 5210MHz                        | Pass   | AV   | 5.215G    | 98.29          | Inf            | -Inf        | 3        | Horizontal | 71          | 2.24       |
| 5210MHz                        | Pass   | AV   | 5.354G    | 45.62          | 54.00          | -8.38       | 3        | Horizontal | 71          | 2.24       |
| 5210MHz                        | Pass   | PK   | 5.146G    | 65.22          | 74.00          | -8.78       | 3        | Horizontal | 71          | 2.24       |
| 5210MHz                        | Pass   | PK   | 5.214G    | 109.33         | Inf            | -Inf        | 3        | Horizontal | 71          | 2.24       |
| 5210MHz                        | Pass   | PK   | 5.353G    | 56.83          | 74.00          | -17.17      | 3        | Horizontal | 71          | 2.24       |
| 5210MHz                        | Pass   | PK   | 10.45864G | 54.03          | 68.20          | -14.17      | 3        | Vertical   | 261         | 2.59       |
| 5210MHz                        | Pass   | PK   | 10.41784G | 54.51          | 68.20          | -13.69      | 3        | Horizontal | 184         | 1.50       |
| 5775MHz                        | Pass   | AV   | 5.7654G   | 99.57          | Inf            | -Inf        | 3        | Vertical   | 25          | 2.62       |
| 5775MHz                        | Pass   | PK   | 5.6454G   | 63.64          | 68.20          | -4.56       | 3        | Vertical   | 25          | 2.62       |
| 5775MHz                        | Pass   | PK   | 5.7834G   | 110.14         | Inf            | -Inf        | 3        | Vertical   | 25          | 2.62       |
| 5775MHz                        | Pass   | PK   | 5.943G    | 61.18          | 68.20          | -7.02       | 3        | Vertical   | 25          | 2.62       |
| 5775MHz                        | Pass   | AV   | 5.7798G   | 100.53         | Inf            | -Inf        | 3        | Horizontal | 78          | 2.07       |
| 5775MHz                        | Pass   | PK   | 5.6502G   | 65.63          | 68.35          | -2.72       | 3        | Horizontal | 78          | 2.07       |
| 5775MHz                        | Pass   | PK   | 5.781G    | 111.63         | Inf            | -Inf        | 3        | Horizontal | 78          | 2.07       |
| 5775MHz                        | Pass   | PK   | 5.9574G   | 59.07          | 68.20          | -9.13       | 3        | Horizontal | 78          | 2.07       |
| 5775MHz                        | Pass   | AV   | 11.49096G | 42.70          | 54.00          | -11.30      | 3        | Vertical   | 40          | 1.50       |
| 5775MHz                        | Pass   | PK   | 11.52936G | 54.27          | 74.00          | -19.73      | 3        | Vertical   | 40          | 1.50       |
| 5775MHz                        | Pass   | AV   | 11.49792G | 42.59          | 54.00          | -11.41      | 3        | Horizontal | 156         | 1.50       |
| 5775MHz                        | Pass   | PK   | 11.50848G | 54.21          | 74.00          | -19.79      | 3        | Horizontal | 156         | 1.50       |

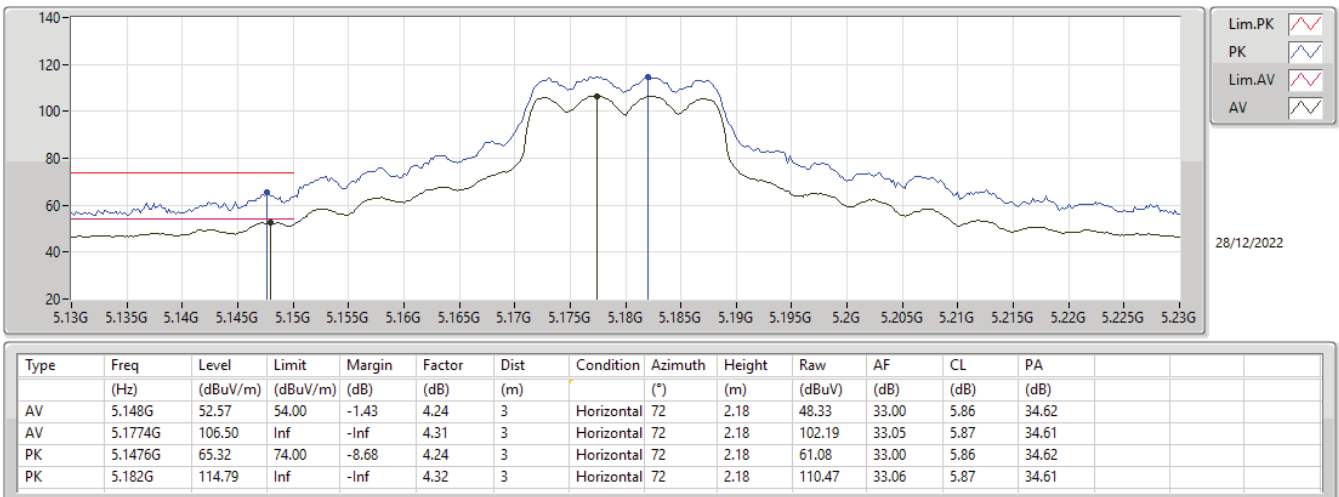
## 5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

### 5180MHz\_TX



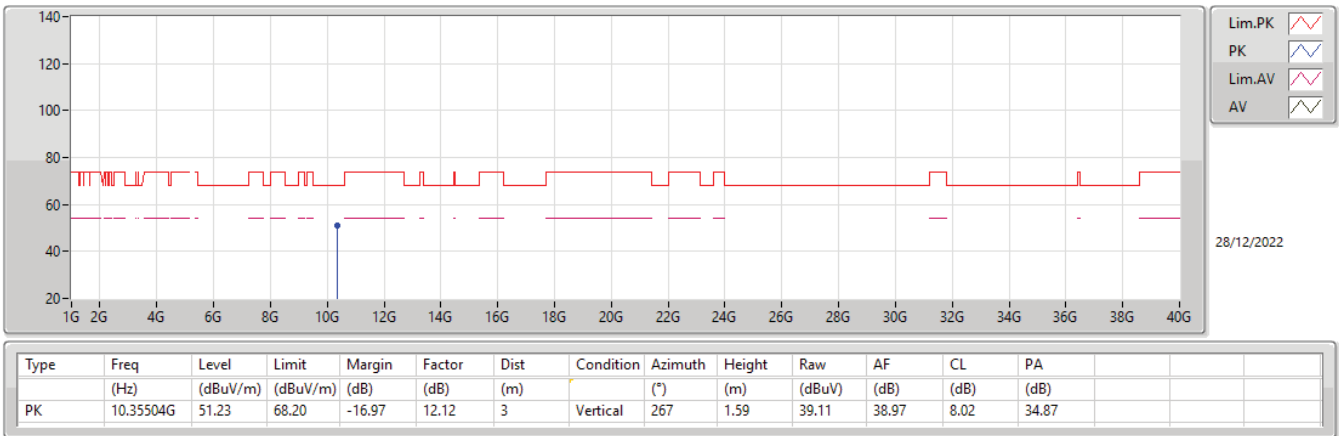
## 5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

### 5180MHz\_TX



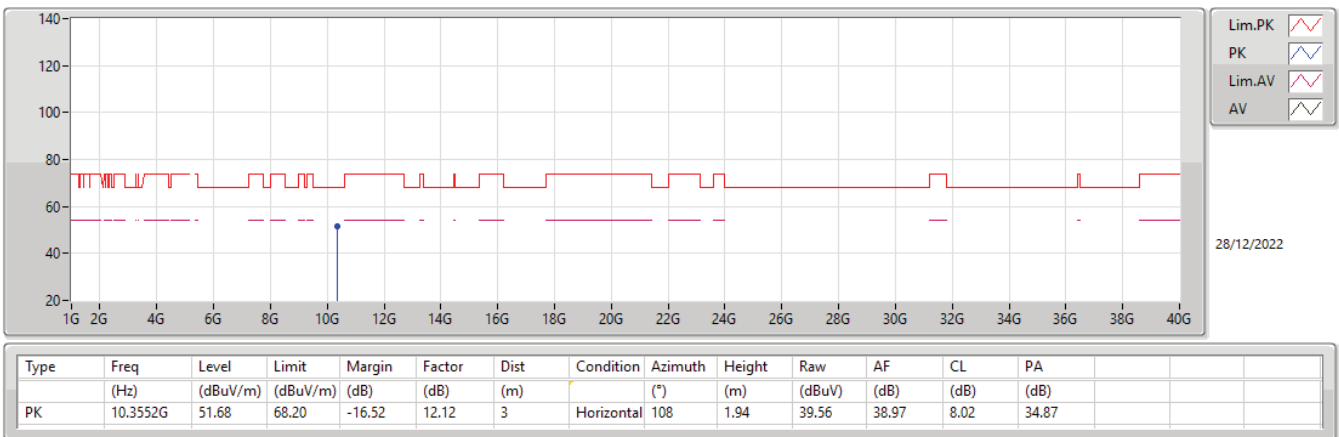
## 5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

### 5180MHz\_TX



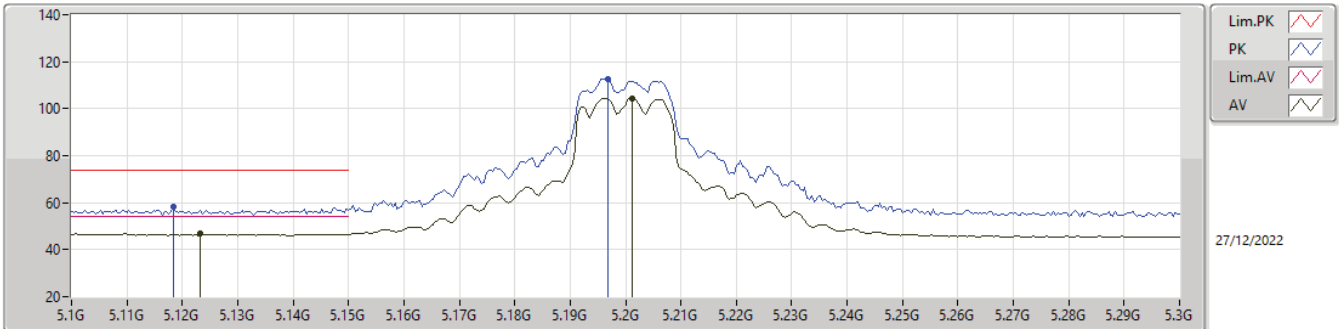
## 5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

### 5180MHz\_TX



## 5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

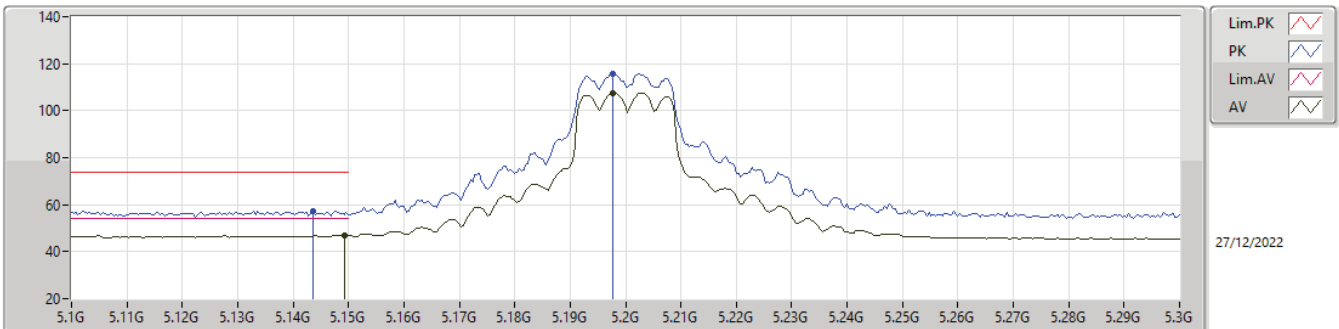
### 5200MHz\_TX



| 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) | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------------|------------|------------|------------|
| AV   | 5.1232G      | 46.66             | 54.00             | -7.34          | 4.23           | 3           | Vertical  | 336            | 1.04          | 42.43         | 33.00      | 5.85       | 34.62      |
| AV   | 5.2012G      | 104.41            | Inf               | -Inf           | 4.37           | 3           | Vertical  | 336            | 1.04          | 100.04        | 33.10      | 5.88       | 34.61      |
| PK   | 5.1184G      | 58.34             | 74.00             | -15.66         | 4.22           | 3           | Vertical  | 336            | 1.04          | 54.12         | 33.00      | 5.84       | 34.62      |
| PK   | 5.1968G      | 112.63            | Inf               | -Inf           | 4.36           | 3           | Vertical  | 336            | 1.04          | 108.27        | 33.09      | 5.88       | 34.61      |

## 5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

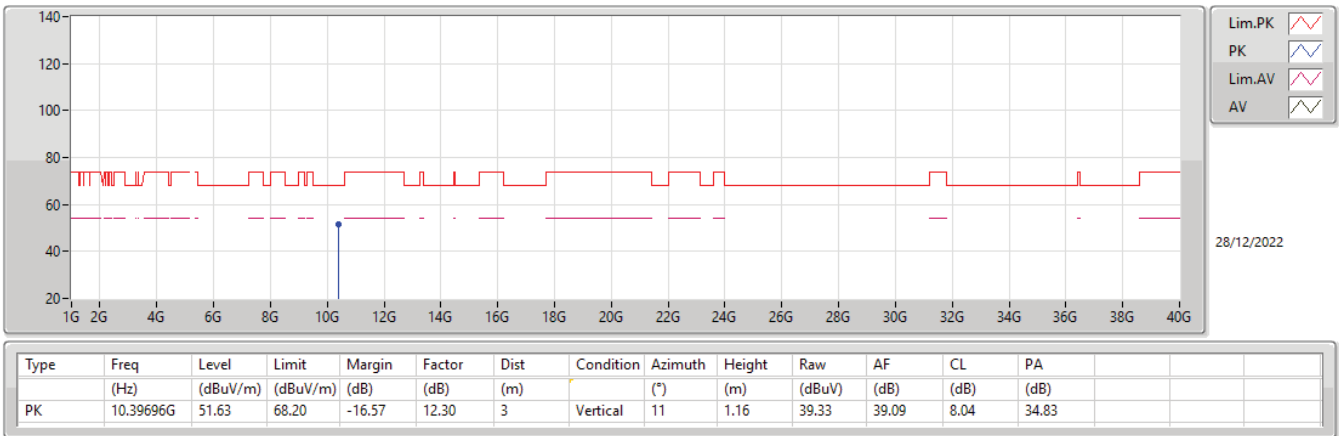
### 5200MHz\_TX



| 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) | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------------|------------|------------|------------|
| AV   | 5.1492G      | 46.93             | 54.00             | -7.07          | 4.24           | 3           | Horizontal | 53             | 2.35          | 42.69         | 33.00      | 5.86       | 34.62      |
| AV   | 5.1976G      | 107.55            | Inf               | -Inf           | 4.37           | 3           | Horizontal | 53             | 2.35          | 103.18        | 33.10      | 5.88       | 34.61      |
| PK   | 5.1436G      | 57.48             | 74.00             | -16.52         | 4.23           | 3           | Horizontal | 53             | 2.35          | 53.25         | 33.00      | 5.85       | 34.62      |
| PK   | 5.1976G      | 115.78            | Inf               | -Inf           | 4.37           | 3           | Horizontal | 53             | 2.35          | 111.41        | 33.10      | 5.88       | 34.61      |

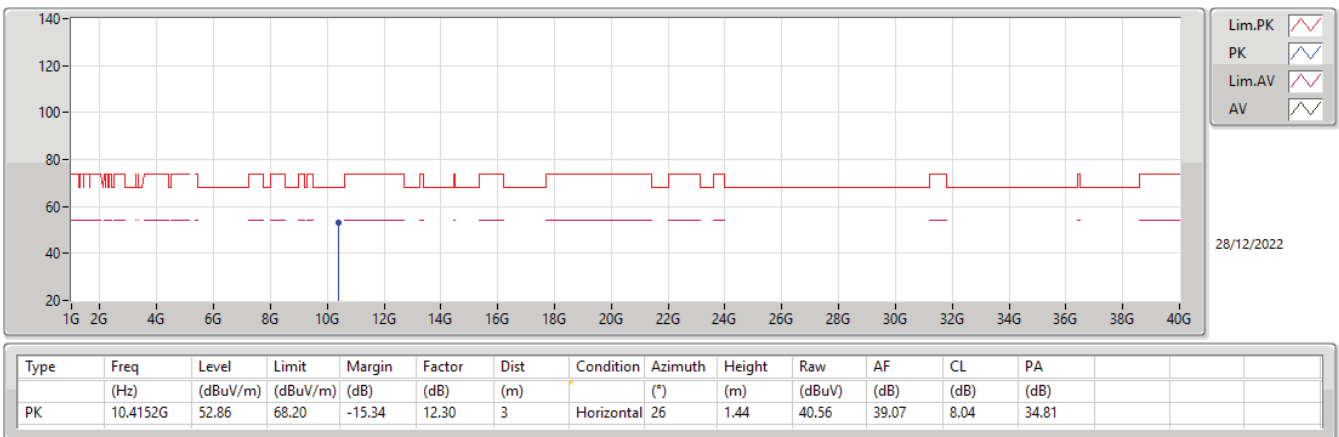
## 5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

### 5200MHz\_TX



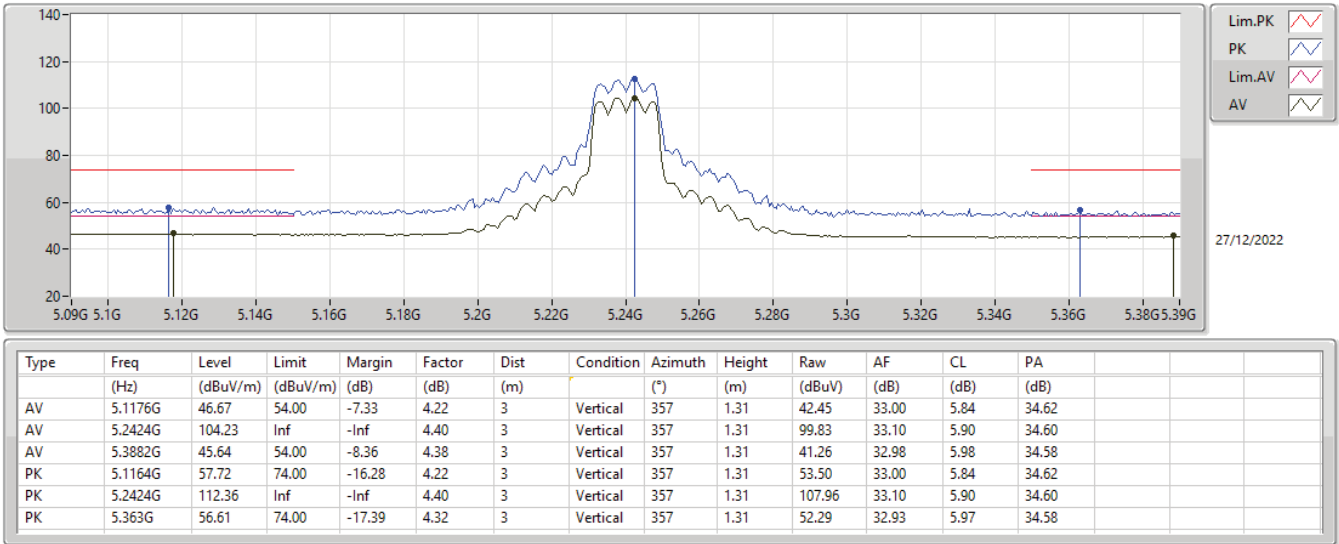
## 5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

### 5200MHz\_TX



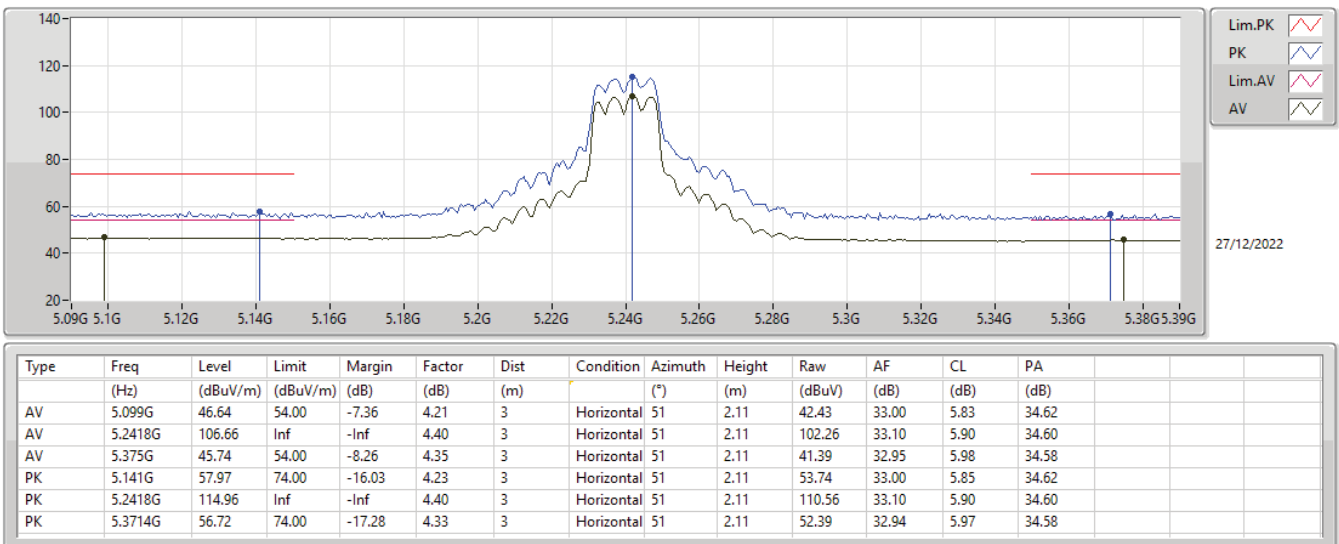
## 5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

### 5240MHz\_TX



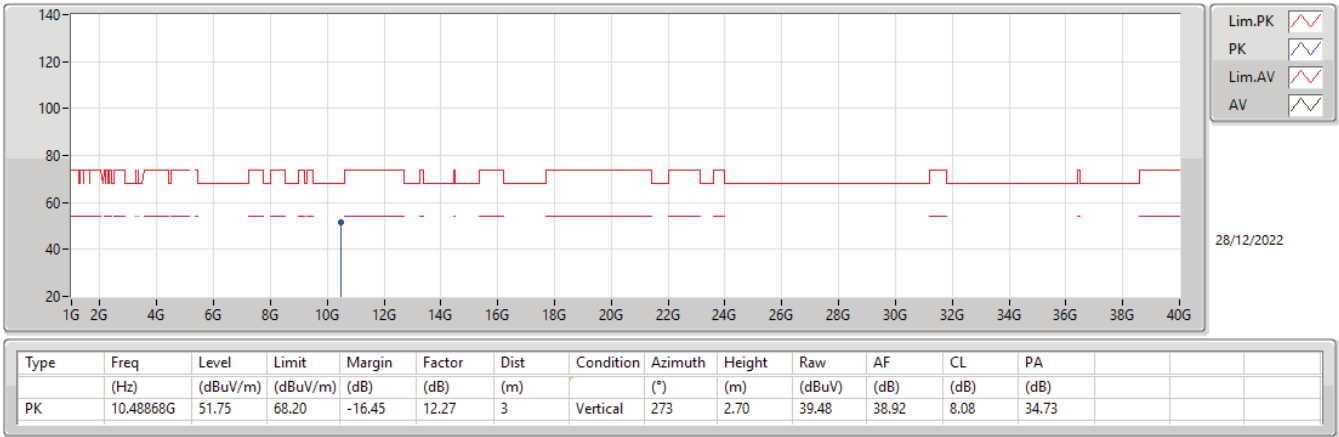
## 5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

### 5240MHz\_TX



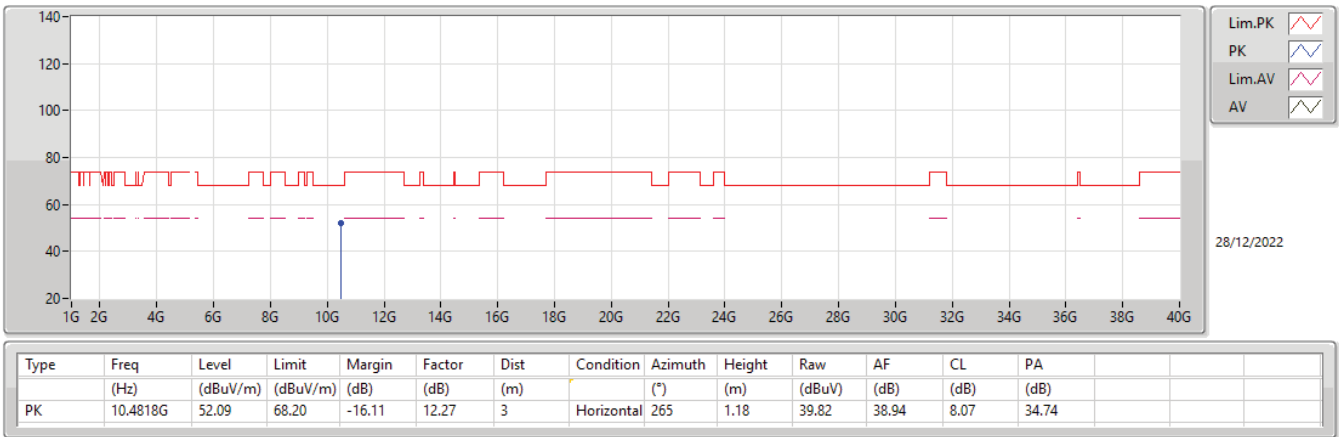
## 5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

### 5240MHz\_TX



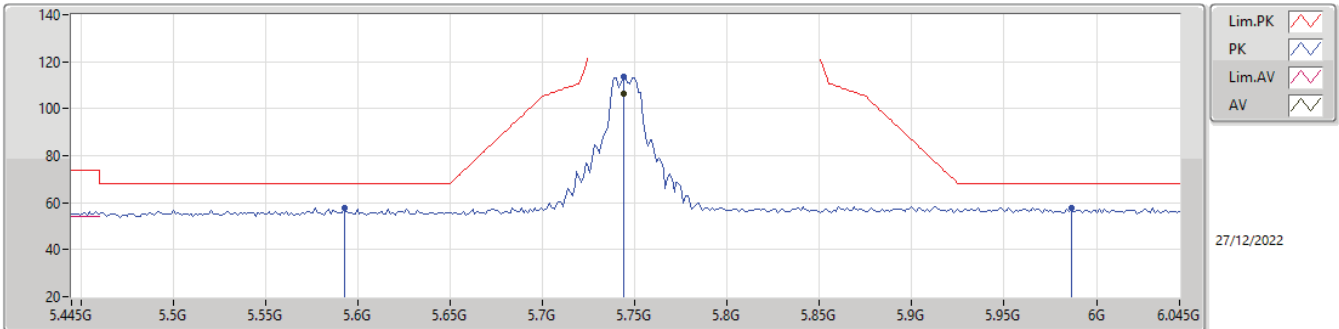
## 5.15-5.25GHz\_802.11a\_Nss1,(6Mbps)\_2TX

### 5240MHz\_TX



## 5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

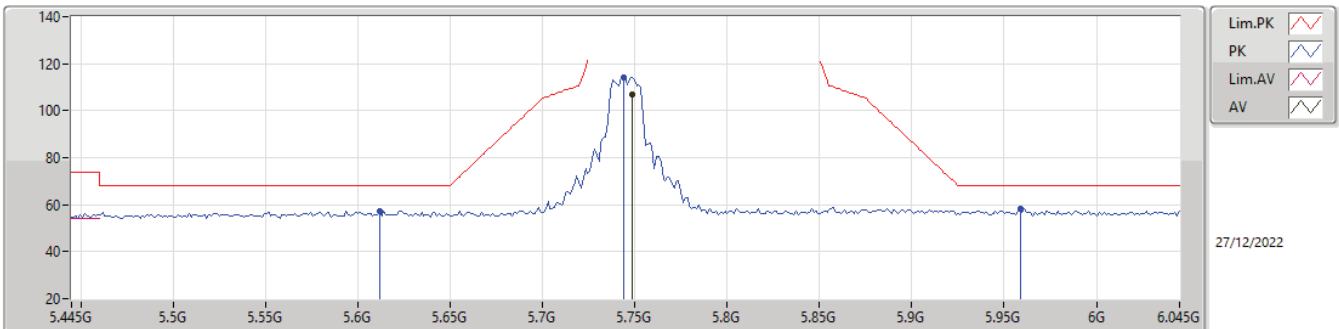
### 5745MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|------------|---------|---------|---------|
| AV   | 5.7438G   | 106.54         | Inf            | -Inf        | 5.28        | 3        | Vertical  | 3           | 2.54       | 101.26     | 33.66   | 6.16    | 34.54   |
| PK   | 5.5926G   | 57.96          | 68.20          | -10.24      | 4.40        | 3        | Vertical  | 3           | 2.54       | 53.56      | 32.89   | 6.06    | 34.55   |
| PK   | 5.7438G   | 113.84         | Inf            | -Inf        | 5.28        | 3        | Vertical  | 3           | 2.54       | 108.56     | 33.66   | 6.16    | 34.54   |
| PK   | 5.9862G   | 57.97          | 68.20          | -10.23      | 5.90        | 3        | Vertical  | 3           | 2.54       | 52.07      | 34.13   | 6.29    | 34.52   |

## 5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

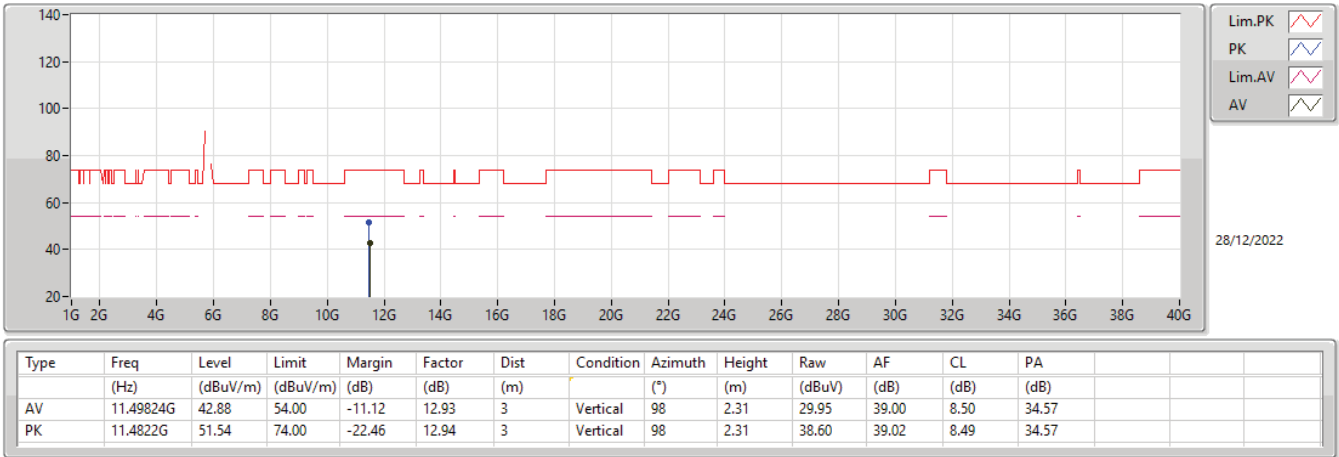
### 5745MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|------------|---------|---------|---------|
| AV   | 5.7486G   | 106.77         | Inf            | -Inf        | 5.31        | 3        | Horizontal | 50          | 2.64       | 101.46     | 33.69   | 6.16    | 34.54   |
| PK   | 5.6118G   | 57.50          | 68.20          | -10.70      | 4.44        | 3        | Horizontal | 50          | 2.64       | 53.06      | 32.92   | 6.07    | 34.55   |
| PK   | 5.7438G   | 114.39         | Inf            | -Inf        | 5.28        | 3        | Horizontal | 50          | 2.64       | 109.11     | 33.66   | 6.16    | 34.54   |
| PK   | 5.9586G   | 58.52          | 68.20          | -9.68       | 5.94        | 3        | Horizontal | 50          | 2.64       | 52.58      | 34.18   | 6.28    | 34.52   |

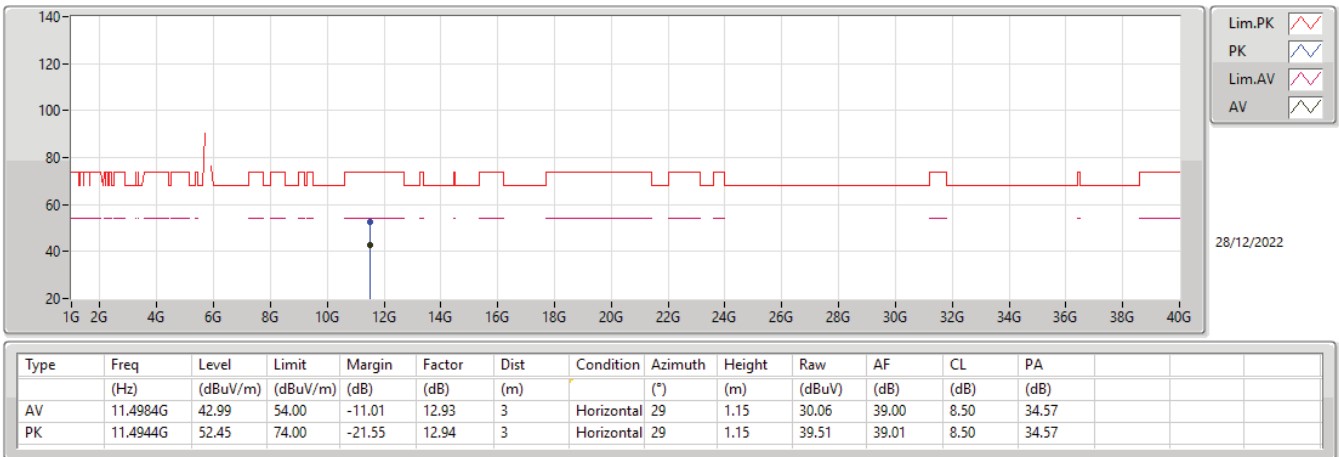
5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5745MHz\_TX



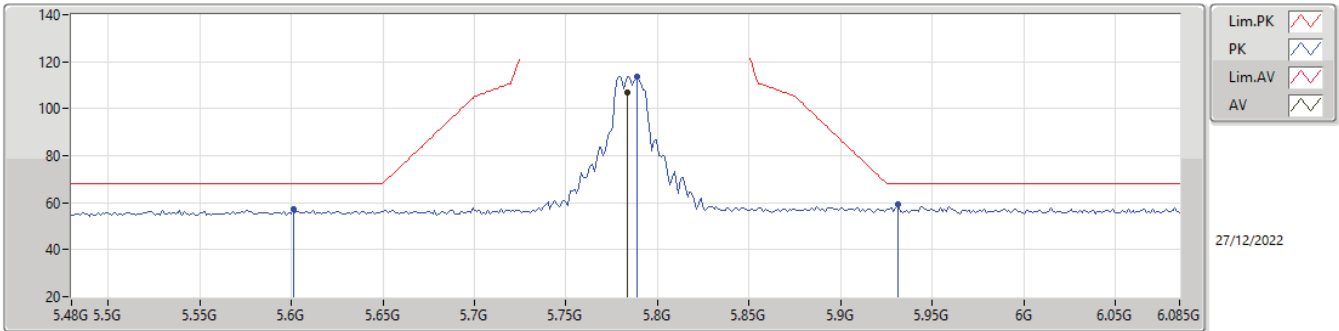
5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5745MHz\_TX



## 5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

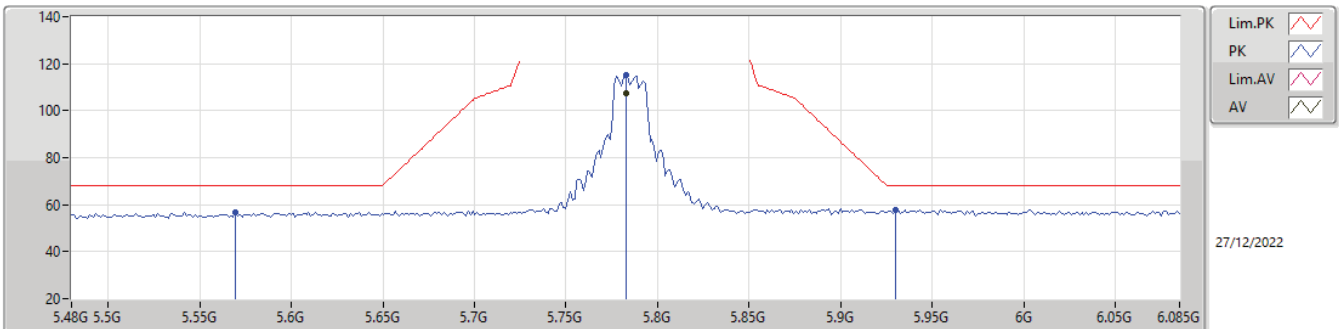
### 5785MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|------------|---------|---------|---------|
| AV   | 5.78371G  | 106.75         | Inf            | -Inf        | 5.48        | 3        | Vertical  | 1           | 2.63       | 101.27     | 33.83   | 6.19    | 34.54   |
| PK   | 5.601G    | 57.06          | 68.20          | -11.14      | 4.41        | 3        | Vertical  | 1           | 2.63       | 52.65      | 32.90   | 6.06    | 34.55   |
| PK   | 5.78855G  | 113.84         | Inf            | -Inf        | 5.50        | 3        | Vertical  | 1           | 2.63       | 108.34     | 33.85   | 6.19    | 34.54   |
| PK   | 5.93133G  | 59.10          | 68.20          | -9.10       | 5.94        | 3        | Vertical  | 1           | 2.63       | 53.16      | 34.20   | 6.27    | 34.53   |

## 5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

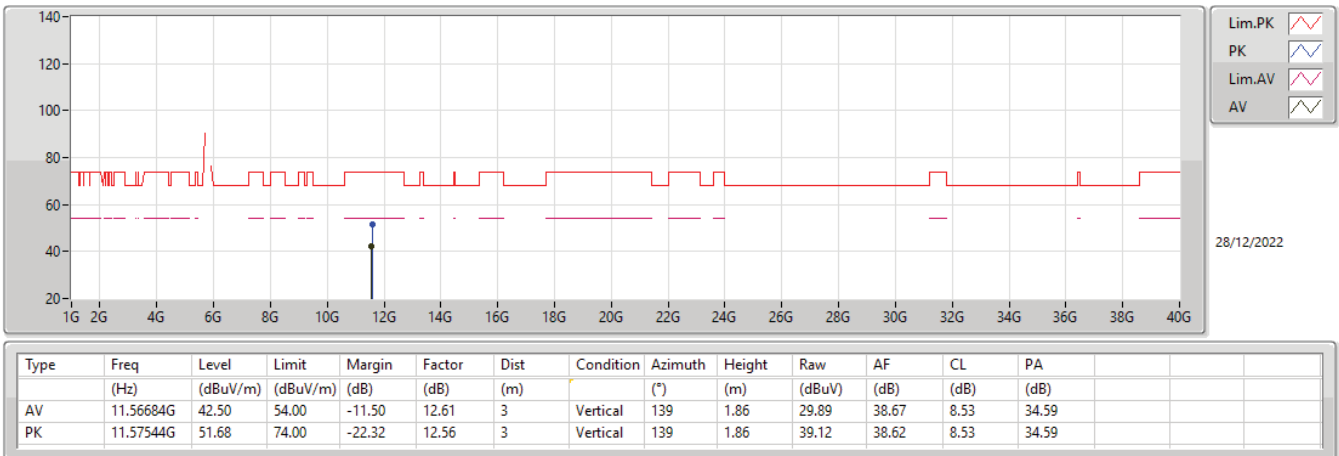
### 5785MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|------------|---------|---------|---------|
| AV   | 5.7825G   | 107.67         | Inf            | -Inf        | 5.48        | 3        | Horizontal | 57          | 2.05       | 102.19     | 33.83   | 6.19    | 34.54   |
| PK   | 5.56954G  | 56.89          | 68.20          | -11.31      | 4.34        | 3        | Horizontal | 57          | 2.05       | 52.55      | 32.84   | 6.05    | 34.55   |
| PK   | 5.7825G   | 115.15         | Inf            | -Inf        | 5.48        | 3        | Horizontal | 57          | 2.05       | 109.67     | 33.83   | 6.19    | 34.54   |
| PK   | 5.93012G  | 57.89          | 68.20          | -10.31      | 5.94        | 3        | Horizontal | 57          | 2.05       | 51.95      | 34.20   | 6.27    | 34.53   |

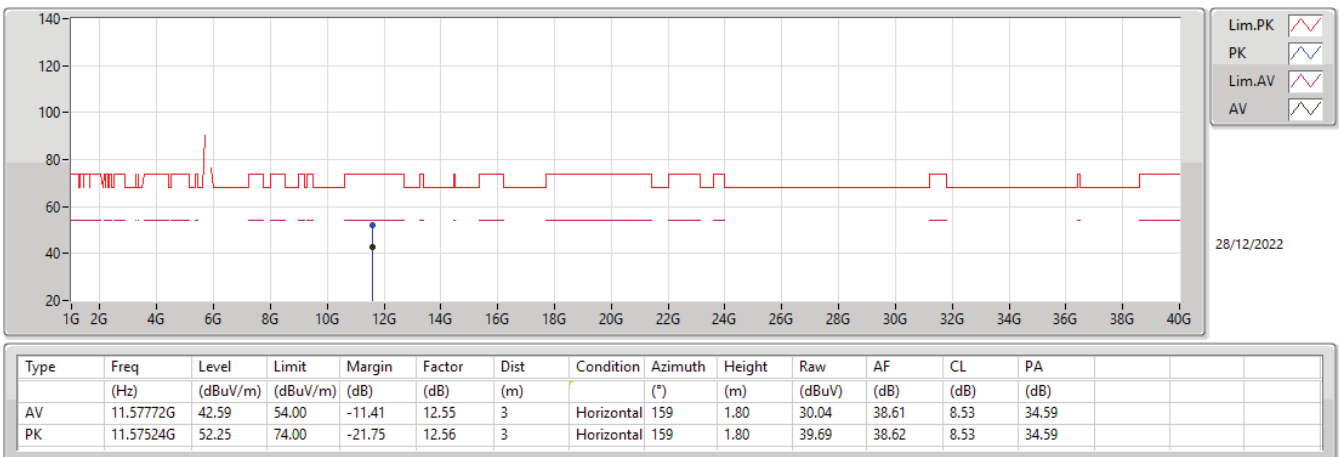
## 5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

### 5785MHz\_TX



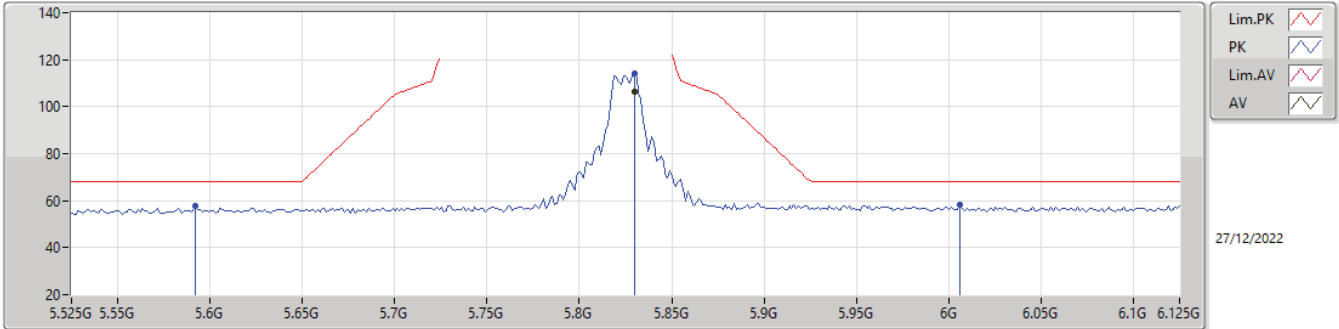
## 5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

### 5785MHz\_TX



## 5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

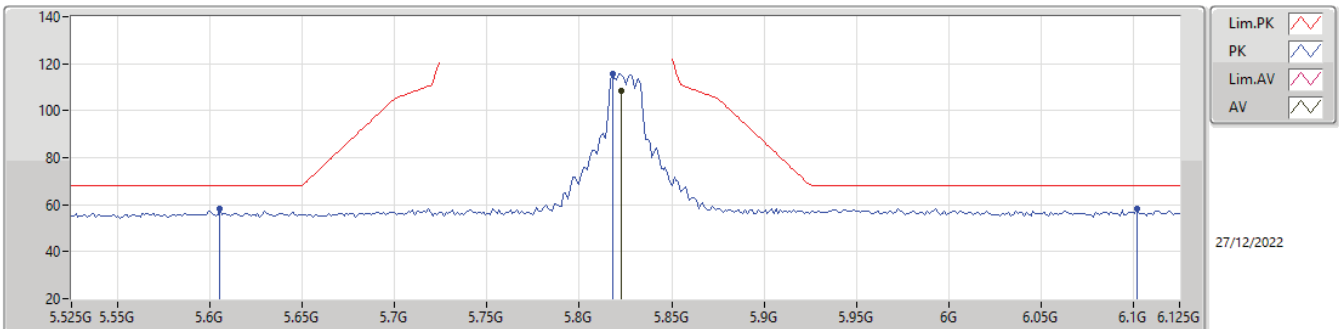
### 5825MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|------------|---------|---------|---------|
| AV   | 5.8298G   | 106.48         | Inf            | -Inf        | 5.64        | 3        | Vertical  | 2           | 2.73       | 100.84     | 33.96   | 6.21    | 34.53   |
| PK   | 5.5922G   | 57.61          | 68.20          | -10.59      | 4.39        | 3        | Vertical  | 2           | 2.73       | 53.22      | 32.88   | 6.06    | 34.55   |
| PK   | 5.8298G   | 113.94         | Inf            | -Inf        | 5.64        | 3        | Vertical  | 2           | 2.73       | 108.30     | 33.96   | 6.21    | 34.53   |
| PK   | 6.0062G   | 58.16          | 68.20          | -10.04      | 5.88        | 3        | Vertical  | 2           | 2.73       | 52.28      | 34.10   | 6.30    | 34.52   |

## 5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

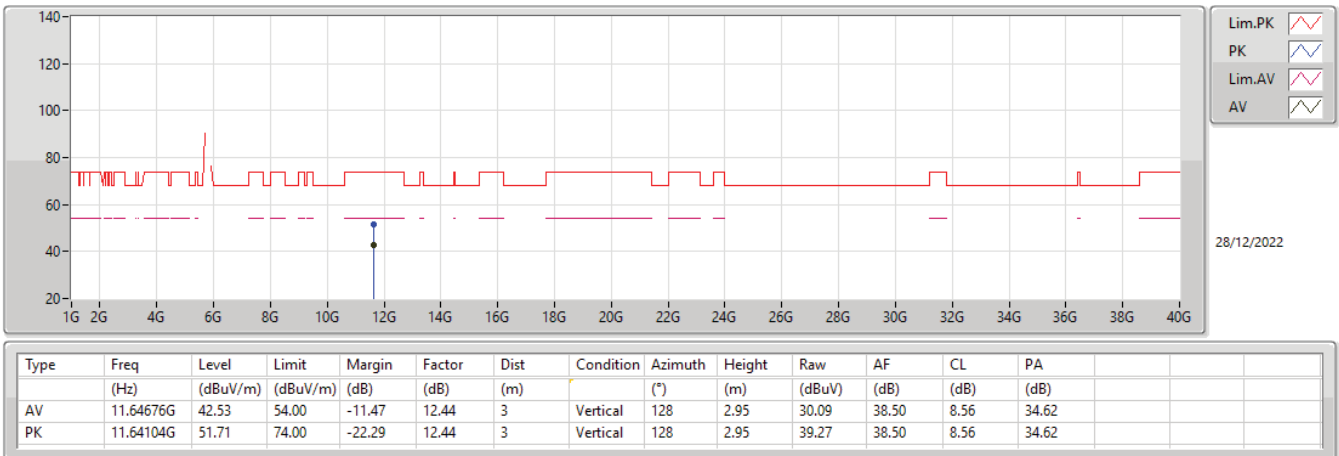
### 5825MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|------------|---------|---------|---------|
| AV   | 5.8226G   | 108.23         | Inf            | -Inf        | 5.63        | 3        | Horizontal | 54          | 2.13       | 102.60     | 33.95   | 6.21    | 34.53   |
| PK   | 5.6054G   | 58.50          | 68.20          | -9.70       | 4.42        | 3        | Horizontal | 54          | 2.13       | 54.08      | 32.91   | 6.06    | 34.55   |
| PK   | 5.8178G   | 115.71         | Inf            | -Inf        | 5.62        | 3        | Horizontal | 54          | 2.13       | 110.09     | 33.94   | 6.21    | 34.53   |
| PK   | 6.1022G   | 58.35          | 68.20          | -9.85       | 5.91        | 3        | Horizontal | 54          | 2.13       | 52.44      | 34.10   | 6.32    | 34.51   |

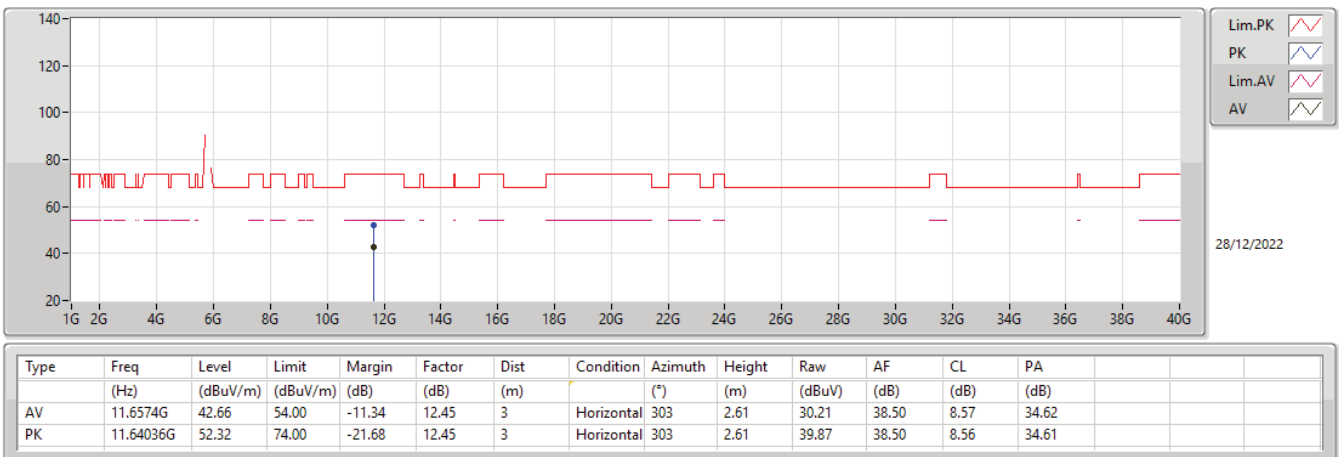
## 5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

### 5825MHz\_TX



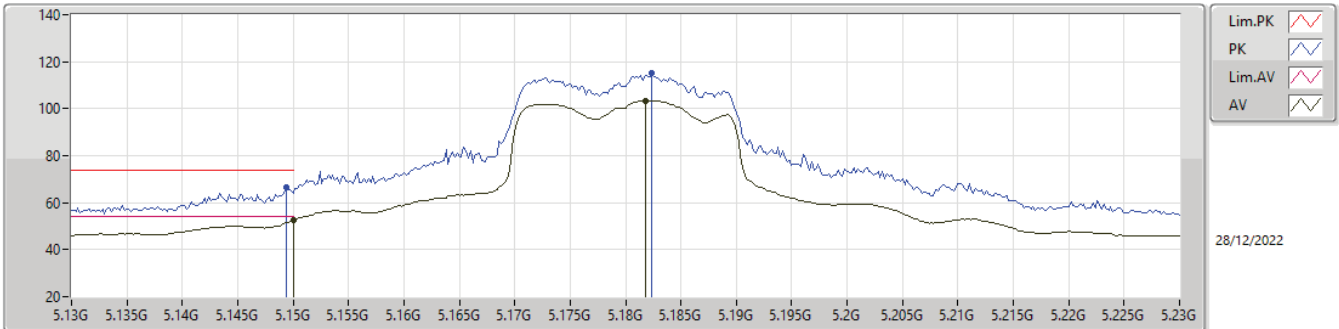
## 5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_2TX

### 5825MHz\_TX



## 5.15-5.25GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

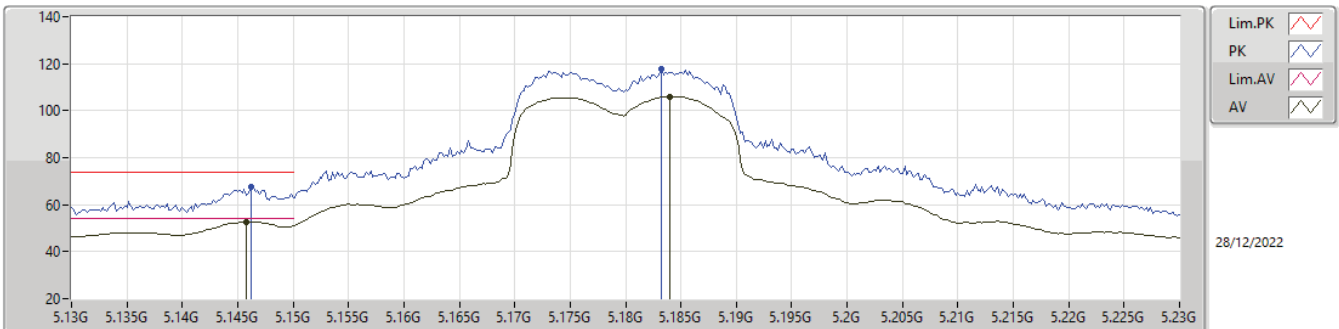
### 5180MHz\_TX



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition | Azimuth | Height | Raw    | AF    | CL   | PA    |
|------|---------|----------|----------|--------|--------|------|-----------|---------|--------|--------|-------|------|-------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |           | (°)     | (m)    | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.15G   | 52.42    | 54.00    | -1.58  | 4.24   | 3    | Vertical  | 356     | 1.00   | 48.18  | 33.00 | 5.86 | 34.62 |
| AV   | 5.1818G | 103.48   | Inf      | -Inf   | 4.32   | 3    | Vertical  | 356     | 1.00   | 99.16  | 33.06 | 5.87 | 34.61 |
| PK   | 5.1494G | 66.65    | 74.00    | -7.35  | 4.24   | 3    | Vertical  | 356     | 1.00   | 62.41  | 33.00 | 5.86 | 34.62 |
| PK   | 5.1824G | 114.98   | Inf      | -Inf   | 4.32   | 3    | Vertical  | 356     | 1.00   | 110.66 | 33.06 | 5.87 | 34.61 |

## 5.15-5.25GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

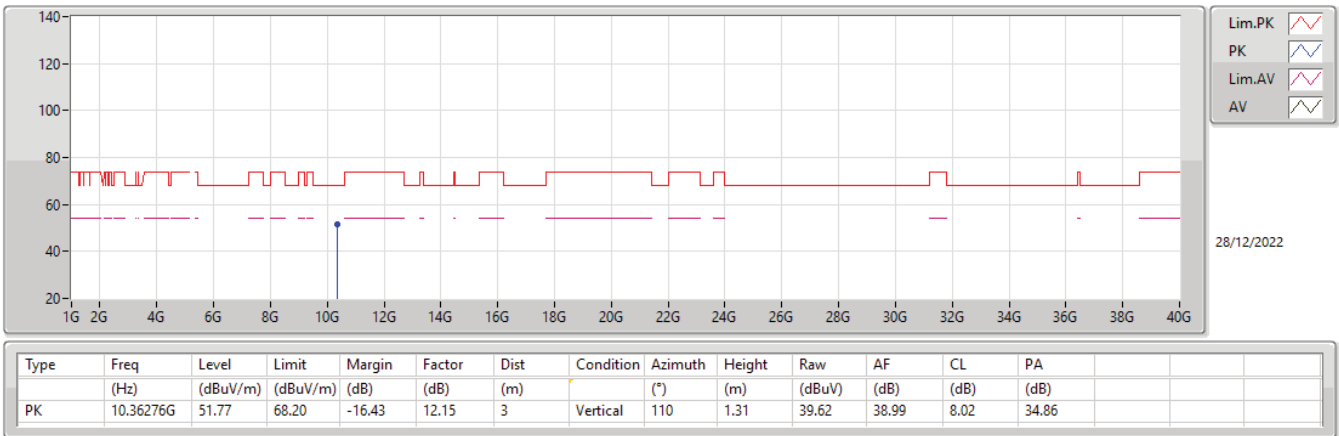
### 5180MHz\_TX



| Type | Freq    | Level    | Limit    | Margin | Factor | Dist | Condition  | Azimuth | Height | Raw    | AF    | CL   | PA    |
|------|---------|----------|----------|--------|--------|------|------------|---------|--------|--------|-------|------|-------|
|      | (Hz)    | (dBuV/m) | (dBuV/m) | (dB)   | (dB)   | (m)  |            | (°)     | (m)    | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.1458G | 52.82    | 54.00    | -1.18  | 4.24   | 3    | Horizontal | 72      | 2.14   | 48.58  | 33.00 | 5.86 | 34.62 |
| AV   | 5.184G  | 106.04   | Inf      | -Inf   | 4.33   | 3    | Horizontal | 72      | 2.14   | 101.71 | 33.07 | 5.87 | 34.61 |
| PK   | 5.1462G | 67.50    | 74.00    | -6.50  | 4.24   | 3    | Horizontal | 72      | 2.14   | 63.26  | 33.00 | 5.86 | 34.62 |
| PK   | 5.1832G | 117.54   | Inf      | -Inf   | 4.33   | 3    | Horizontal | 72      | 2.14   | 113.21 | 33.07 | 5.87 | 34.61 |

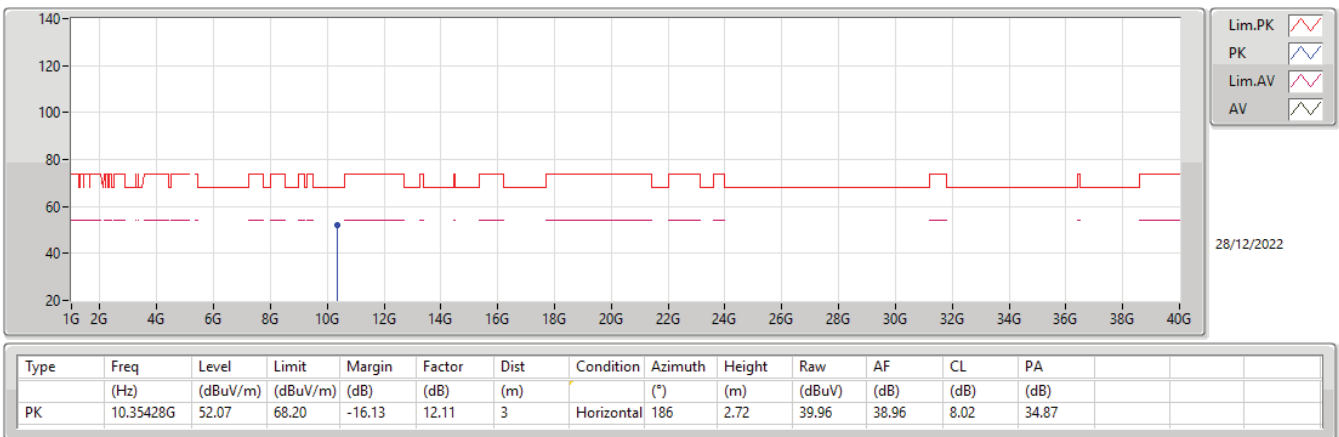
## 5.15-5.25GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

### 5180MHz\_TX



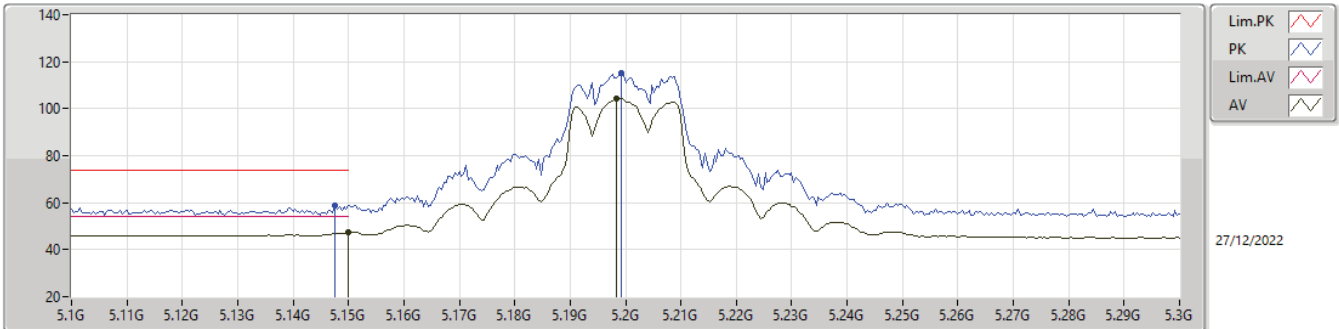
## 5.15-5.25GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

### 5180MHz\_TX



## 5.15-5.25GHz\_802.11ax\_HEW20\_Nss1,(MCS0)\_2TX

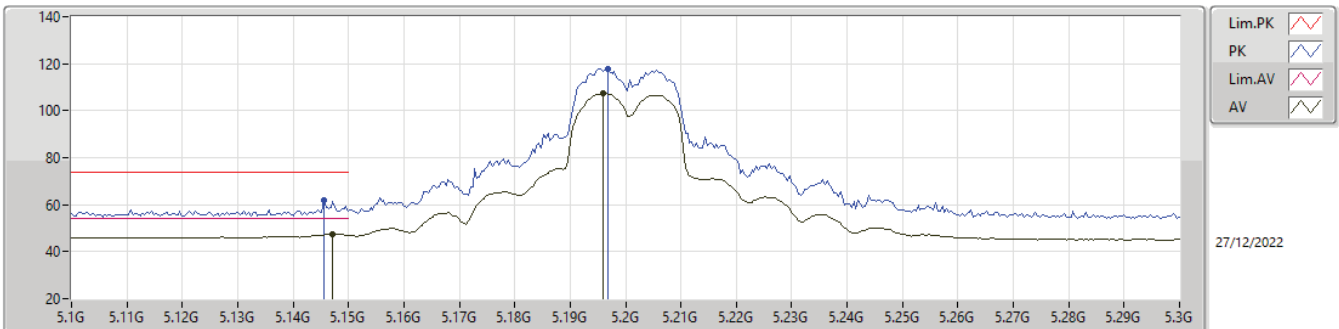
## 5200MHz\_TX



| Type | Freq     | Level    | Limit | Margin | Factor | Dist | Condition | Azimuth | Height | Raw    | AF    | CL   | PA    |
|------|----------|----------|-------|--------|--------|------|-----------|---------|--------|--------|-------|------|-------|
| (Hz) | (dBuV/m) | (dBuV/m) | (dB)  | (dB)   | (dB)   | (m)  |           | (°)     | (m)    | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.15G    | 47.33    | 54.00 | -6.67  | 4.24   | 3    | Vertical  | 343     | 2.54   | 43.09  | 33.00 | 5.86 | 34.62 |
| AV   | 5.1984G  | 104.10   | Inf   | -Inf   | 4.37   | 3    | Vertical  | 343     | 2.54   | 99.73  | 33.10 | 5.88 | 34.61 |
| PK   | 5.1476G  | 58.91    | 74.00 | -15.09 | 4.24   | 3    | Vertical  | 343     | 2.54   | 54.67  | 33.00 | 5.86 | 34.62 |
| PK   | 5.1992G  | 115.37   | Inf   | -Inf   | 4.37   | 3    | Vertical  | 343     | 2.54   | 111.00 | 33.10 | 5.88 | 34.61 |

## 5.15-5.25GHz\_802.11ax\_HEW20\_Nss1,(MCS0)\_2TX

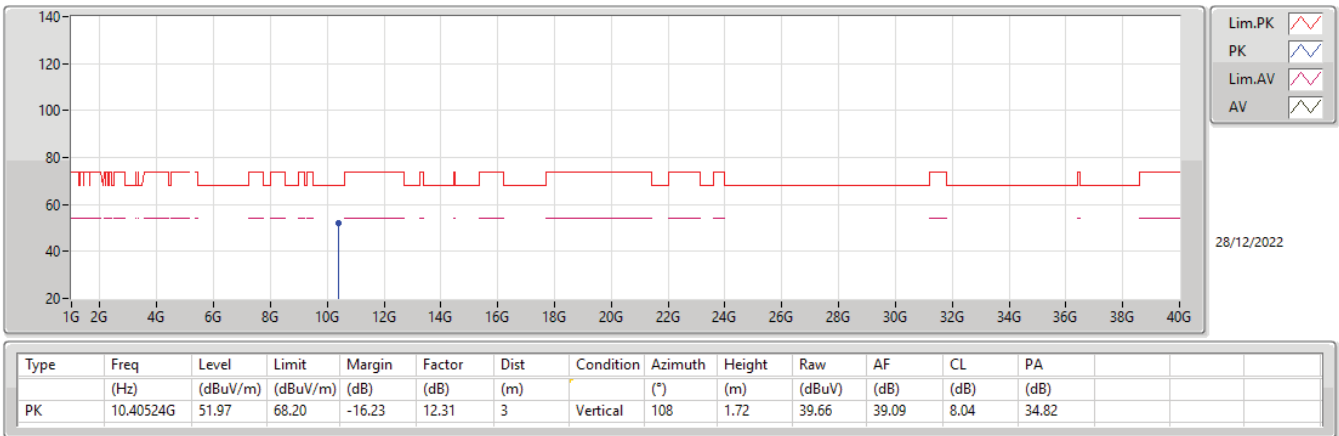
## 5200MHz\_TX



| Type | Freq     | Level    | Limit | Margin | Factor | Dist | Condition  | Azimuth | Height | Raw    | AF    | CL   | PA    |
|------|----------|----------|-------|--------|--------|------|------------|---------|--------|--------|-------|------|-------|
| (Hz) | (dBuV/m) | (dBuV/m) | (dB)  | (dB)   | (dB)   | (m)  |            | (°)     | (m)    | (dBuV) | (dB)  | (dB) | (dB)  |
| AV   | 5.1472G  | 47.37    | 54.00 | -6.63  | 4.24   | 3    | Horizontal | 53      | 2.36   | 43.13  | 33.00 | 5.86 | 34.62 |
| AV   | 5.196G   | 107.27   | Inf   | -Inf   | 4.36   | 3    | Horizontal | 53      | 2.36   | 102.91 | 33.09 | 5.88 | 34.61 |
| PK   | 5.1456G  | 61.95    | 74.00 | -12.05 | 4.24   | 3    | Horizontal | 53      | 2.36   | 57.71  | 33.00 | 5.86 | 34.62 |
| PK   | 5.1968G  | 117.68   | Inf   | -Inf   | 4.36   | 3    | Horizontal | 53      | 2.36   | 113.32 | 33.09 | 5.88 | 34.61 |

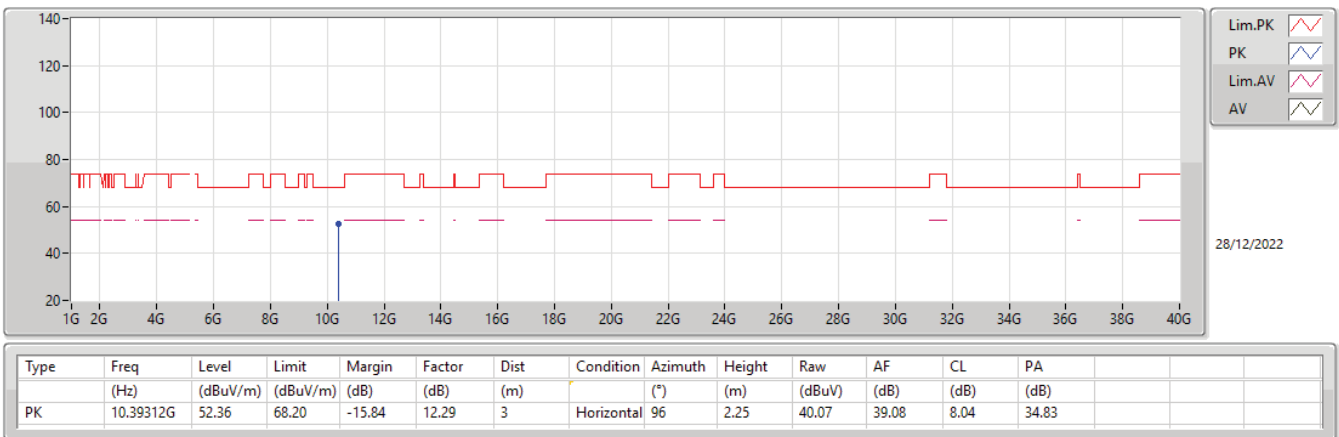
5.15-5.25GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

5200MHz\_TX



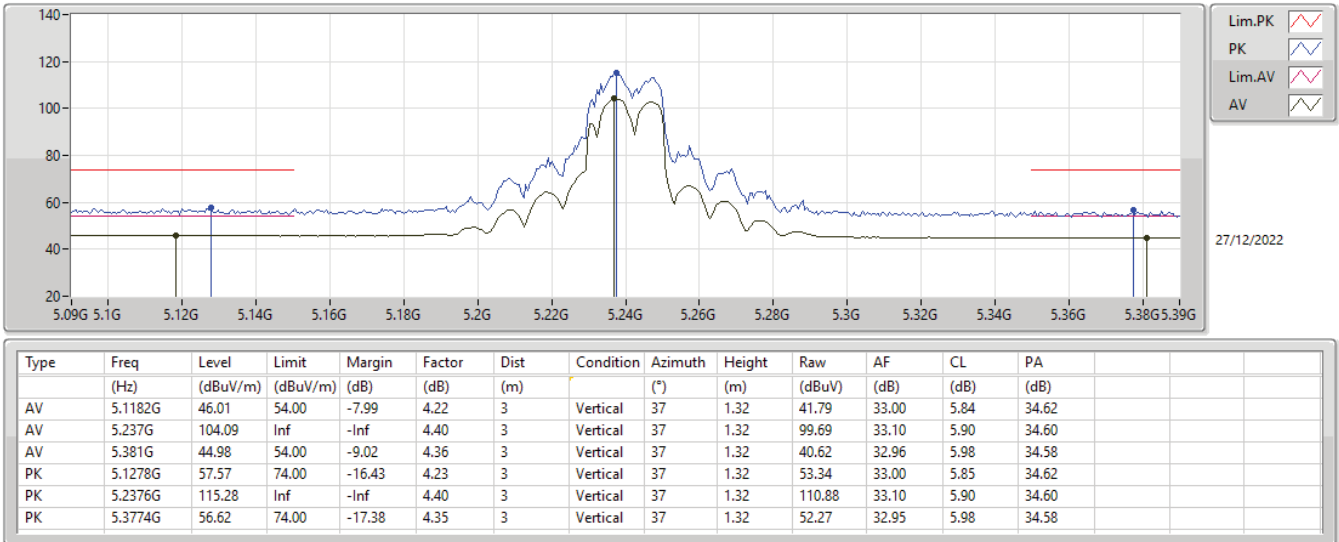
5.15-5.25GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

5200MHz\_TX



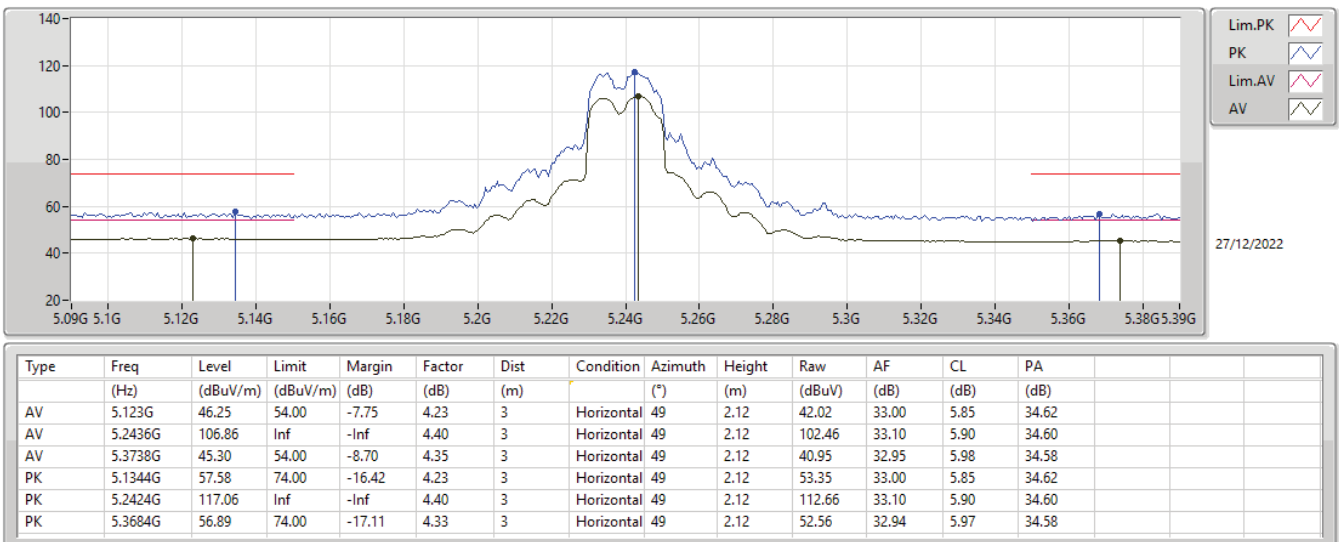
## 5.15-5.25GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

### 5240MHz\_TX



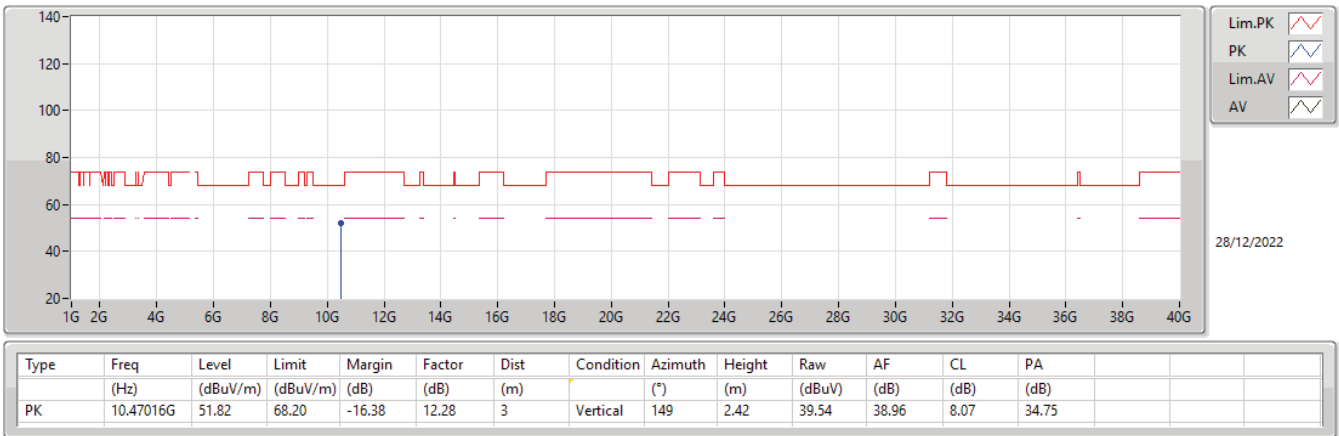
## 5.15-5.25GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

### 5240MHz\_TX



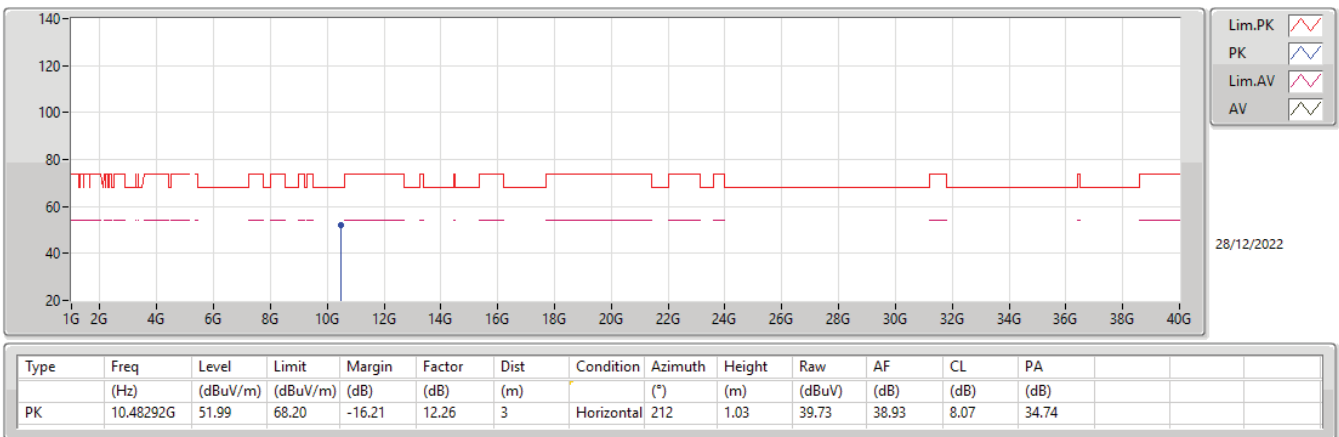
## 5.15-5.25GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

### 5240MHz\_TX



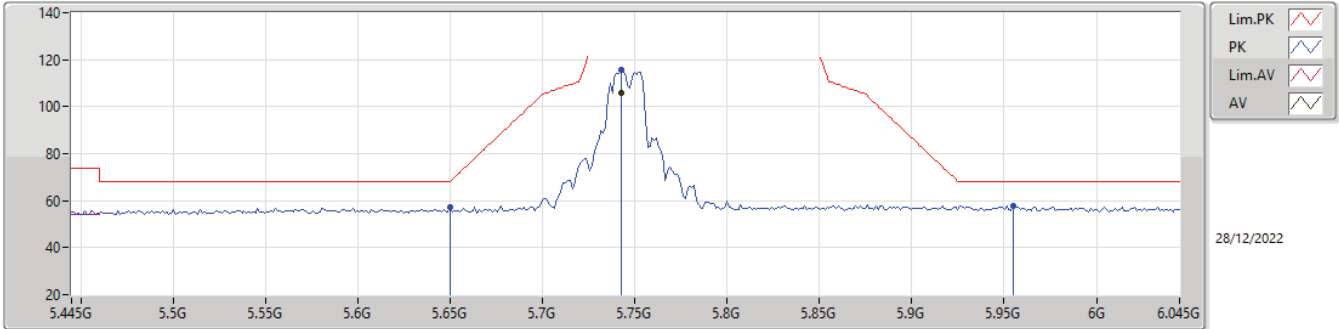
## 5.15-5.25GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

### 5240MHz\_TX



## 5.725-5.85GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

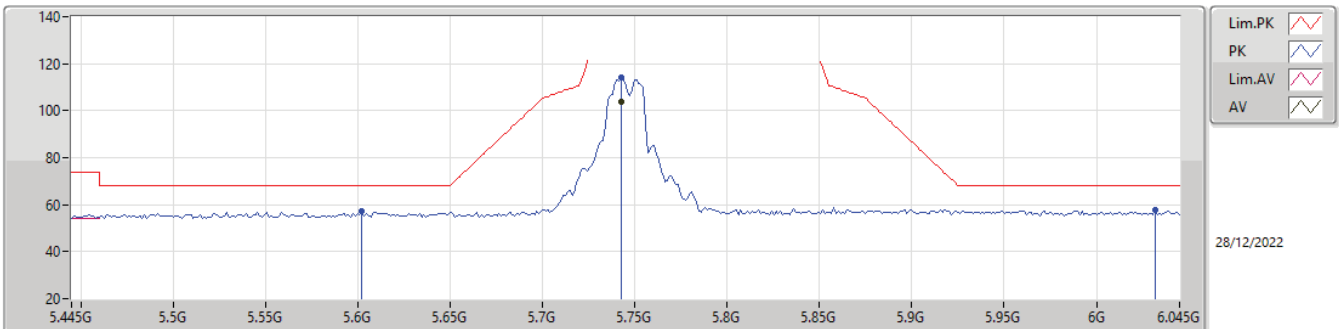
### 5745MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|------------|---------|---------|---------|
| AV   | 5.7426G   | 105.70         | Inf            | -Inf        | 5.28        | 3        | Vertical  | 16          | 1.49       | 100.42     | 33.66   | 6.16    | 34.54   |
| PK   | 5.6502G   | 57.32          | 68.35          | -11.03      | 4.55        | 3        | Vertical  | 16          | 1.49       | 52.77      | 33.00   | 6.10    | 34.55   |
| PK   | 5.7426G   | 115.83         | Inf            | -Inf        | 5.28        | 3        | Vertical  | 16          | 1.49       | 110.55     | 33.66   | 6.16    | 34.54   |
| PK   | 5.955G    | 57.85          | 68.20          | -10.35      | 5.95        | 3        | Vertical  | 16          | 1.49       | 51.90      | 34.19   | 6.28    | 34.52   |

## 5.725-5.85GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

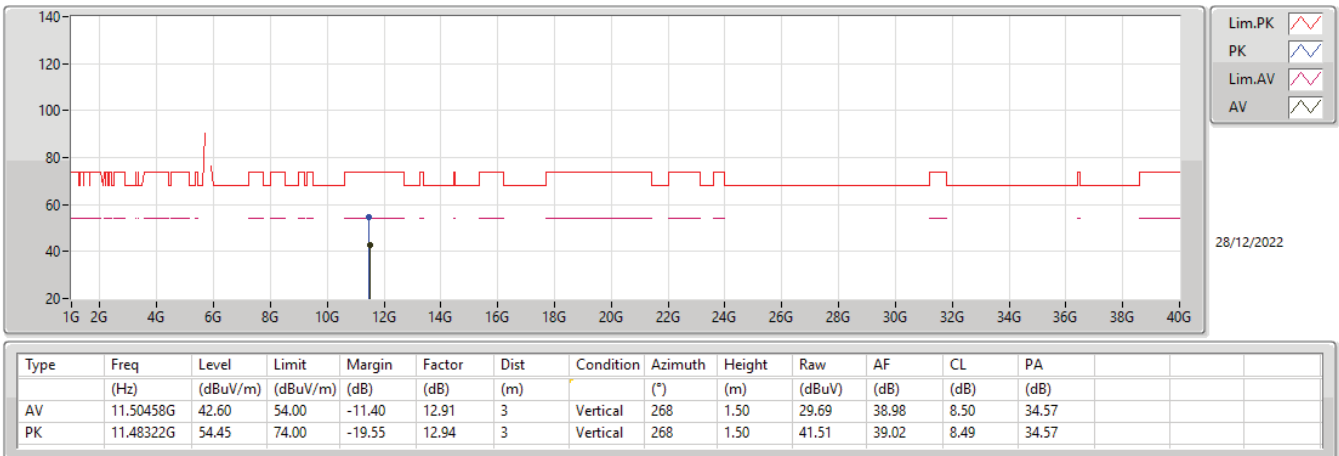
### 5745MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|------------|---------|---------|---------|
| AV   | 5.7426G   | 104.02         | Inf            | -Inf        | 5.28        | 3        | Horizontal | 55          | 1.66       | 98.74      | 33.66   | 6.16    | 34.54   |
| PK   | 5.6022G   | 57.11          | 68.20          | -11.09      | 4.41        | 3        | Horizontal | 55          | 1.66       | 52.70      | 32.90   | 6.06    | 34.55   |
| PK   | 5.7426G   | 113.97         | Inf            | -Inf        | 5.28        | 3        | Horizontal | 55          | 1.66       | 108.69     | 33.66   | 6.16    | 34.54   |
| PK   | 6.0318G   | 57.57          | 68.20          | -10.63      | 5.89        | 3        | Horizontal | 55          | 1.66       | 51.68      | 34.10   | 6.31    | 34.52   |

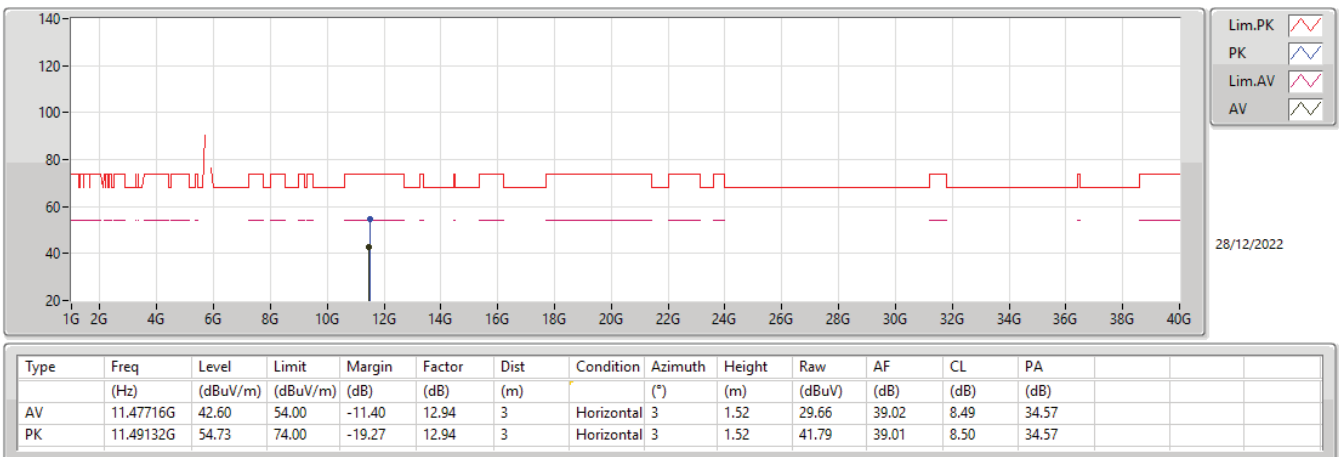
5.725-5.85GHz\_802.11ax\_HEW20\_Nss1,(MCS0)\_2TX

5745MHz\_TX



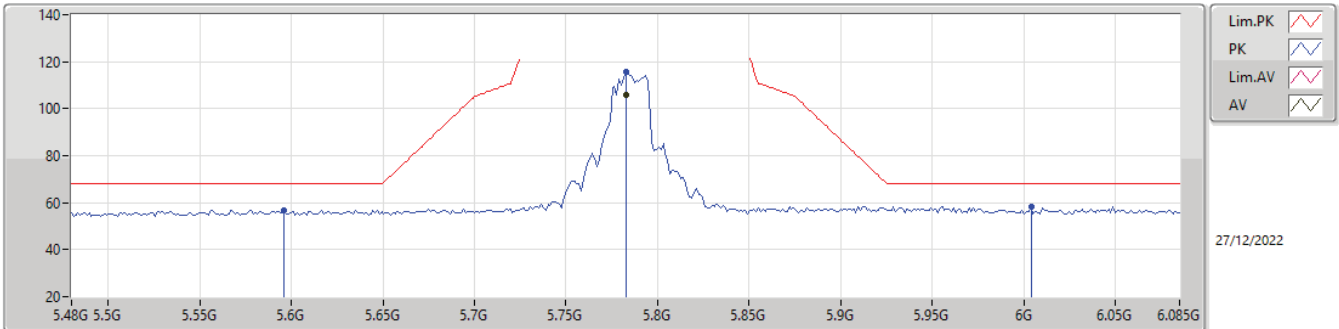
5.725-5.85GHz\_802.11ax\_HEW20\_Nss1,(MCS0)\_2TX

5745MHz\_TX



## 5.725-5.85GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

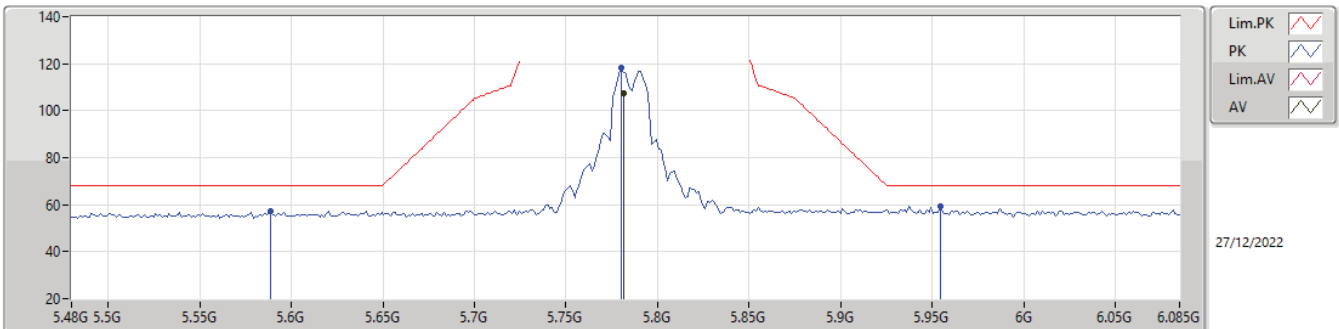
### 5785MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|------------|---------|---------|---------|
| AV   | 5.7825G   | 105.93         | Inf            | -Inf        | 5.48        | 3        | Vertical  | 19          | 1.47       | 100.45     | 33.83   | 6.19    | 34.54   |
| PK   | 5.59616G  | 56.83          | 68.20          | -11.37      | 4.40        | 3        | Vertical  | 19          | 1.47       | 52.43      | 32.89   | 6.06    | 34.55   |
| PK   | 5.7825G   | 115.93         | Inf            | -Inf        | 5.48        | 3        | Vertical  | 19          | 1.47       | 110.45     | 33.83   | 6.19    | 34.54   |
| PK   | 6.00393G  | 58.52          | 68.20          | -9.68       | 5.88        | 3        | Vertical  | 19          | 1.47       | 52.64      | 34.10   | 6.30    | 34.52   |

## 5.725-5.85GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

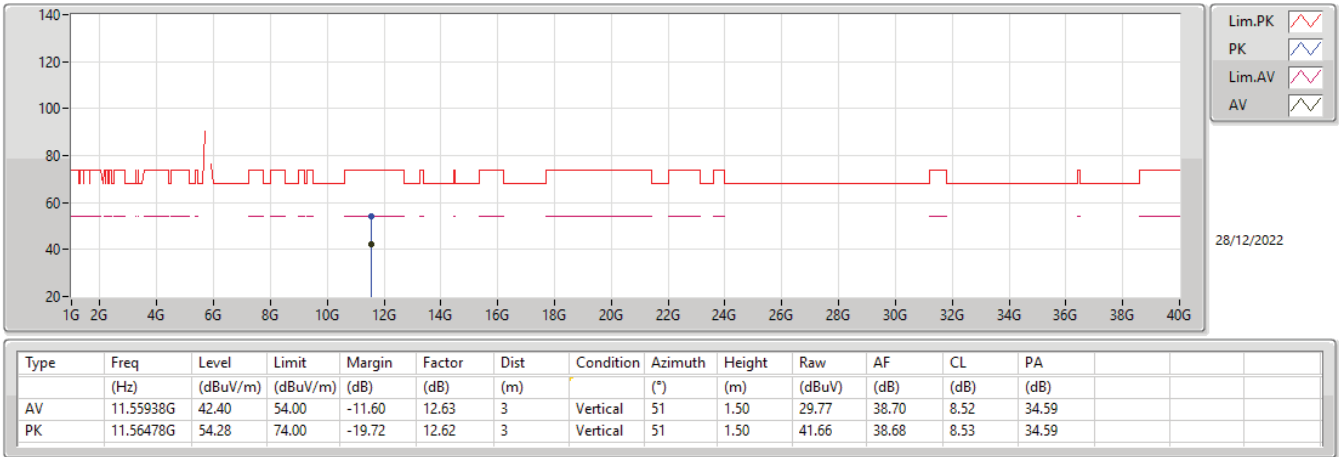
### 5785MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|------------|---------|---------|---------|
| AV   | 5.78129G  | 107.21         | Inf            | -Inf        | 5.48        | 3        | Horizontal | 75          | 2.07       | 101.73     | 33.83   | 6.19    | 34.54   |
| PK   | 5.5889G   | 57.33          | 68.20          | -10.87      | 4.39        | 3        | Horizontal | 75          | 2.07       | 52.94      | 32.88   | 6.06    | 34.55   |
| PK   | 5.78008G  | 118.05         | Inf            | -Inf        | 5.47        | 3        | Horizontal | 75          | 2.07       | 112.58     | 33.82   | 6.19    | 34.54   |
| PK   | 5.95432G  | 59.21          | 68.20          | -8.99       | 5.95        | 3        | Horizontal | 75          | 2.07       | 53.26      | 34.19   | 6.28    | 34.52   |

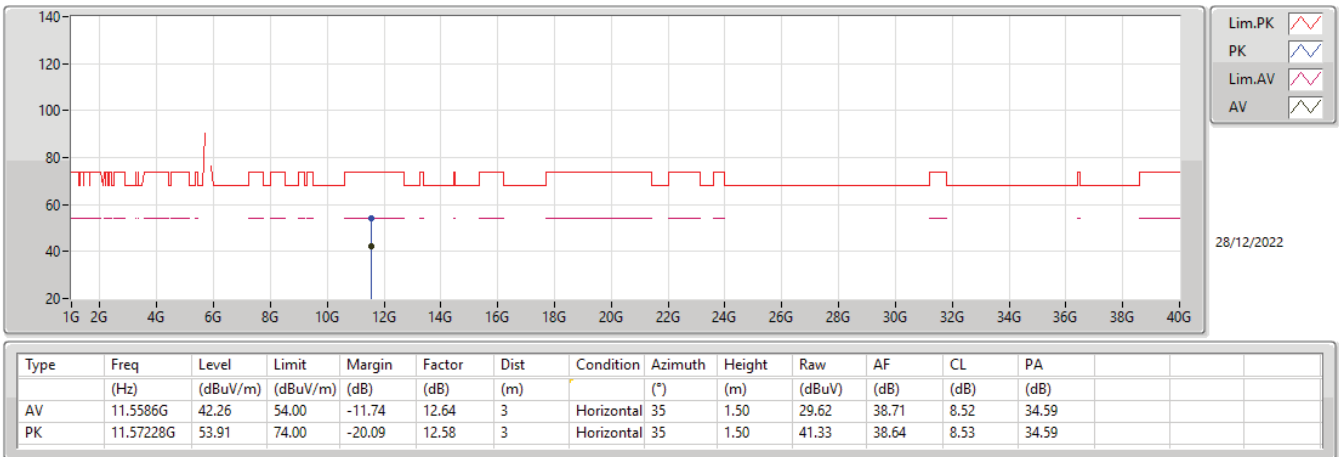
5.725-5.85GHz\_802.11ax\_HEW20\_Nss1,(MCS0)\_2TX

5785MHz\_TX



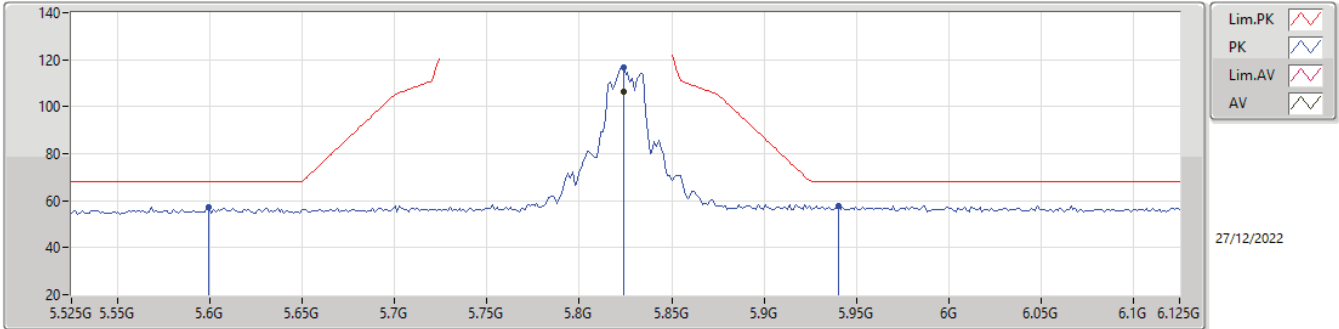
5.725-5.85GHz\_802.11ax\_HEW20\_Nss1,(MCS0)\_2TX

5785MHz\_TX



## 5.725-5.85GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

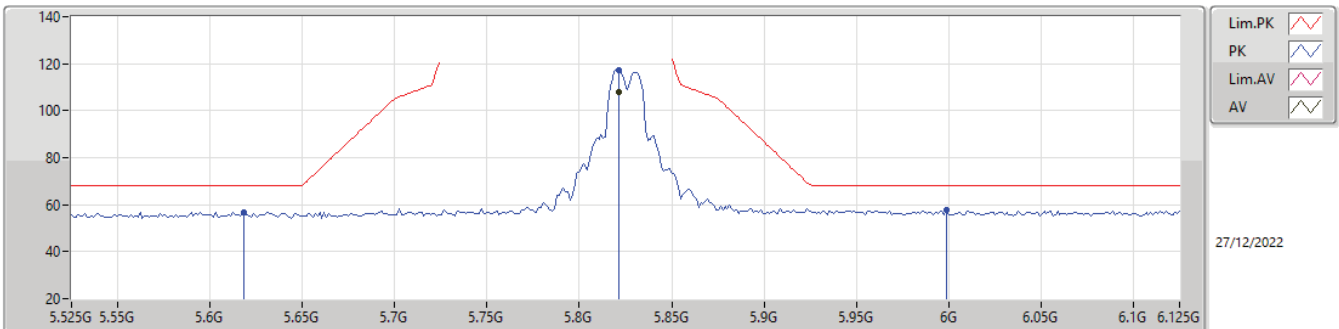
### 5825MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition | Azimuth (°) | Height (m) | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|-----------|-------------|------------|------------|---------|---------|---------|
| AV   | 5.8238G   | 106.21         | Inf            | -Inf        | 5.63        | 3        | Vertical  | 22          | 2.36       | 100.58     | 33.95   | 6.21    | 34.53   |
| PK   | 5.5994G   | 57.37          | 68.20          | -10.83      | 4.41        | 3        | Vertical  | 22          | 2.36       | 52.96      | 32.90   | 6.06    | 34.55   |
| PK   | 5.8238G   | 116.88         | Inf            | -Inf        | 5.63        | 3        | Vertical  | 22          | 2.36       | 111.25     | 33.95   | 6.21    | 34.53   |
| PK   | 5.9402G   | 57.86          | 68.20          | -10.34      | 5.95        | 3        | Vertical  | 22          | 2.36       | 51.91      | 34.20   | 6.27    | 34.52   |

## 5.725-5.85GHz\_802.11ax HEW20\_Nss1,(MCS0)\_2TX

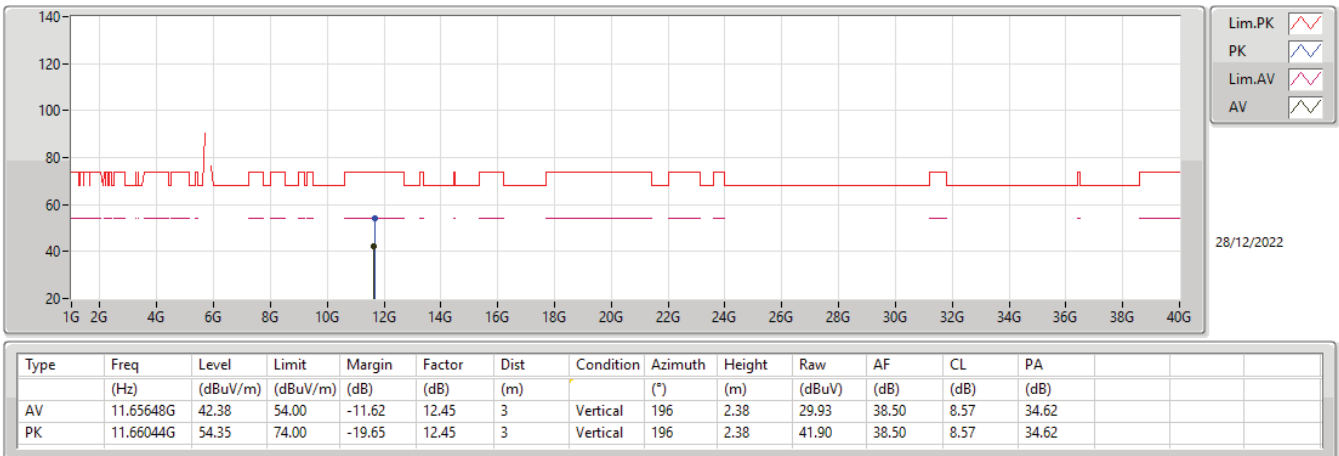
### 5825MHz\_TX



| Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Factor (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) | Raw (dBuV) | AF (dB) | CL (dB) | PA (dB) |
|------|-----------|----------------|----------------|-------------|-------------|----------|------------|-------------|------------|------------|---------|---------|---------|
| AV   | 5.8214G   | 107.86         | Inf            | -Inf        | 5.62        | 3        | Horizontal | 73          | 2.12       | 102.24     | 33.94   | 6.21    | 34.53   |
| PK   | 5.6186G   | 56.80          | 68.20          | -11.40      | 4.46        | 3        | Horizontal | 73          | 2.12       | 52.34      | 32.94   | 6.07    | 34.55   |
| PK   | 5.8214G   | 117.39         | Inf            | -Inf        | 5.62        | 3        | Horizontal | 73          | 2.12       | 111.77     | 33.94   | 6.21    | 34.53   |
| PK   | 5.999G    | 57.78          | 68.20          | -10.42      | 5.88        | 3        | Horizontal | 73          | 2.12       | 51.90      | 34.10   | 6.30    | 34.52   |

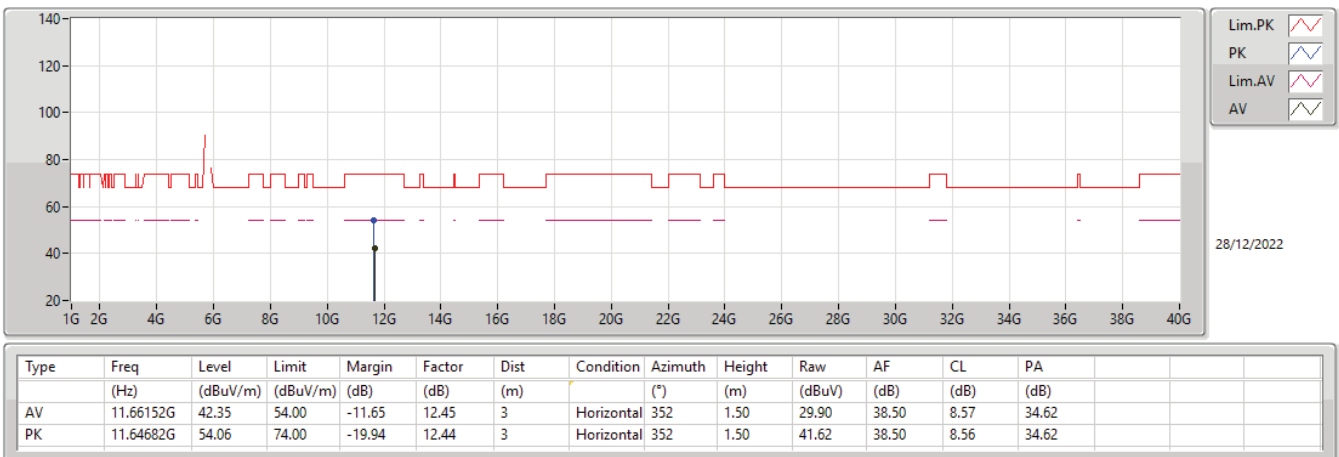
5.725-5.85GHz\_802.11ax\_HEW20\_Nss1,(MCS0)\_2TX

5825MHz\_TX



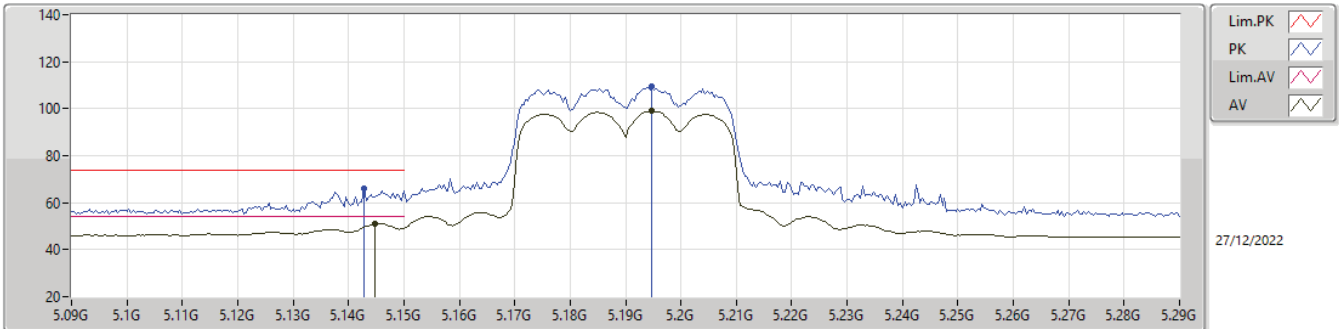
5.725-5.85GHz\_802.11ax\_HEW20\_Nss1,(MCS0)\_2TX

5825MHz\_TX



## 5.15-5.25GHz\_802.11ax\_HEW40\_Nss1,(MCS0)\_2TX

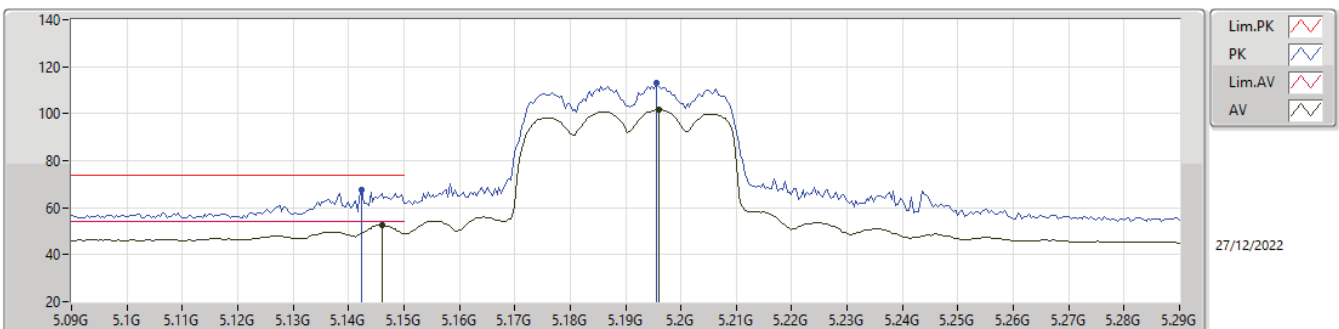
### 5190MHz\_TX



| 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) | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|-----------|----------------|---------------|---------------|------------|------------|------------|
| AV   | 5.1448G      | 51.03             | 54.00             | -2.97          | 4.24           | 3           | Vertical  | 354            | 1.05          | 46.79         | 33.00      | 5.86       | 34.62      |
| AV   | 5.1948G      | 98.89             | Inf               | -Inf           | 4.36           | 3           | Vertical  | 354            | 1.05          | 94.53         | 33.09      | 5.88       | 34.61      |
| PK   | 5.1428G      | 65.94             | 74.00             | -8.06          | 4.23           | 3           | Vertical  | 354            | 1.05          | 61.71         | 33.00      | 5.85       | 34.62      |
| PK   | 5.1948G      | 109.32            | Inf               | -Inf           | 4.36           | 3           | Vertical  | 354            | 1.05          | 104.96        | 33.09      | 5.88       | 34.61      |

## 5.15-5.25GHz\_802.11ax\_HEW40\_Nss1,(MCS0)\_2TX

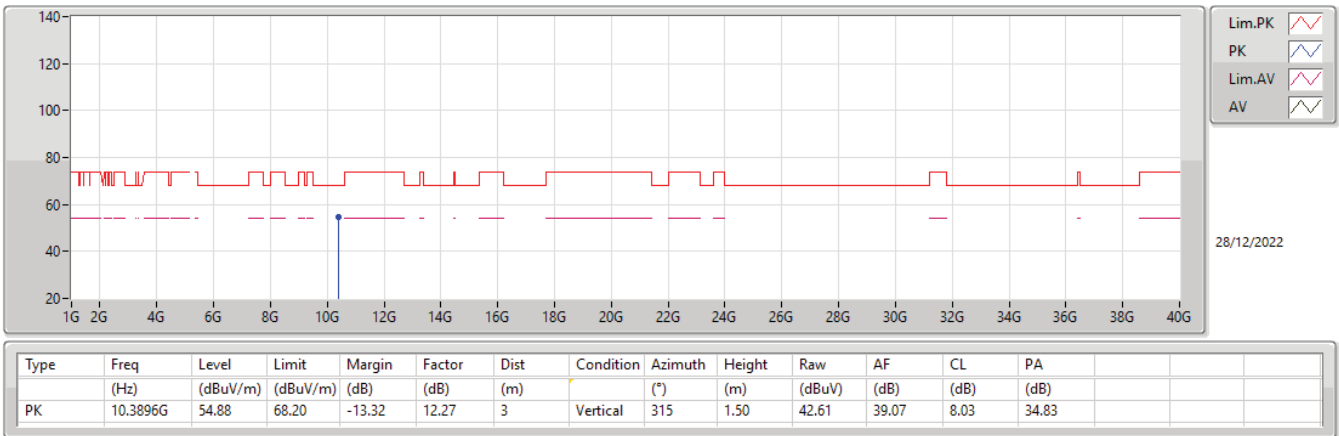
### 5190MHz\_TX



| 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) | Raw<br>(dBuV) | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |
|------|--------------|-------------------|-------------------|----------------|----------------|-------------|------------|----------------|---------------|---------------|------------|------------|------------|
| AV   | 5.146G       | 52.69             | 54.00             | -1.31          | 4.24           | 3           | Horizontal | 66             | 2.36          | 48.45         | 33.00      | 5.86       | 34.62      |
| AV   | 5.196G       | 101.67            | Inf               | -Inf           | 4.36           | 3           | Horizontal | 66             | 2.36          | 97.31         | 33.09      | 5.88       | 34.61      |
| PK   | 5.1424G      | 67.71             | 74.00             | -6.29          | 4.23           | 3           | Horizontal | 66             | 2.36          | 63.48         | 33.00      | 5.85       | 34.62      |
| PK   | 5.1956G      | 113.17            | Inf               | -Inf           | 4.36           | 3           | Horizontal | 66             | 2.36          | 108.81        | 33.09      | 5.88       | 34.61      |

## 5.15-5.25GHz\_802.11ax HEW40\_Nss1,(MCS0)\_2TX

### 5190MHz\_TX



## 5.15-5.25GHz\_802.11ax HEW40\_Nss1,(MCS0)\_2TX

### 5190MHz\_TX

