

# FCC Radio Test Report

FCC ID : HDC-17600081  
Equipment : WiFi 7 2.5G AP  
Brand Name : **Adtran**  
Model Name : SDG-9732iYYYYYYY(Y can be 0-9, a-z, A-Z, blank, "+" or "-" or "#")  
Part Number : 17600081FYYYYYYYY(Y can be 0-9, a-z, A-Z, blank, "+" or "-" or "#")  
Applicant : Adtran  
901 Explorer Boulevard, Huntsville, Alabama,  
United States,35806-2807  
Manufacturer : XAVi Technologies Corporation  
22F., No.69, Sec. 2, Guangfu Rd., Sanchong Dist.,  
New Taipei City 241, Taiwan (R.O.C.)  
Standard : 47 CFR FCC Part 15.407

The product was received on Nov. 04, 2024, and testing was started from Nov. 21, 2024 and completed on Dec. 03, 2024. 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 variant 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.)



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[illegible]

## 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           | 15.407(a)        | Emission Bandwidth             | PASS               | -      |
| 3.2           | 15.407(a)        | Maximum Conducted Output Power | PASS               | -      |
| 3.3           | 15.407(a)        | Peak Power Spectral Density    | PASS               | -      |
| 3.4           | 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: Amber Chiu**

# 1 General Description

## 1.1 Information

### 1.1.1 RF General Information

| Frequency Range (MHz) | IEEE Std. 802.11                                   | Ch. Frequency (MHz) | Channel Number |
|-----------------------|----------------------------------------------------|---------------------|----------------|
| 5250-5350             | a, n (HT20), ac (VHT20),<br>ax (HEW20), be (EHT20) | 5260-5320           | 52-64 [4]      |
| 5470-5725             |                                                    | 5500-5700           | 100-140 [11]   |
| Straddle 5720         |                                                    | 5720                | 144 [1]        |
| 5250-5350             | n (HT40), ac (VHT40),<br>ax (HEW40), be (EHT40)    | 5270-5310           | 54-62 [2]      |
| 5470-5725             |                                                    | 5510-5670           | 102-134 [5]    |
| Straddle 5710         |                                                    | 5710                | 142 [1]        |
| 5250-5350             | ac (VHT80), ax (HEW80),<br>be (EHT80)              | 5290                | 58 [1]         |
| 5470-5725             |                                                    | 5530-5610           | 106-122 [2]    |
| Straddle 5690         |                                                    | 5690                | 138 [1]        |
| 5150-5350             | ac (VHT160), ax (HEW160),<br>be (EHT160)           | 5250                | 50 [1]         |
| 5470-5725             |                                                    | 5570                | 114 [1]        |

### Non-Beamforming

| Band          | Mode            | BWch (MHz) | Nant |
|---------------|-----------------|------------|------|
| 5.25-5.35GHz  | 802.11a         | 20         | 3TX  |
| 5.47-5.725GHz | 802.11a         | 20         | 3TX  |
| 5.725-5.85GHz | 802.11a         | 20         | 3TX  |
| 5.25-5.35GHz  | 802.11be EHT20  | 20         | 3TX  |
| 5.47-5.725GHz | 802.11be EHT20  | 20         | 3TX  |
| 5.725-5.85GHz | 802.11be EHT20  | 20         | 3TX  |
| 5.25-5.35GHz  | 802.11be EHT40  | 40         | 3TX  |
| 5.47-5.725GHz | 802.11be EHT40  | 40         | 3TX  |
| 5.725-5.85GHz | 802.11be EHT40  | 40         | 3TX  |
| 5.25-5.35GHz  | 802.11be EHT80  | 80         | 3TX  |
| 5.47-5.725GHz | 802.11be EHT80  | 80         | 3TX  |
| 5.725-5.85GHz | 802.11be EHT80  | 80         | 3TX  |
| 5.15-5.25GHz  | 802.11be EHT160 | 160        | 3TX  |
| 5.25-5.35GHz  | 802.11be EHT160 | 160        | 3TX  |
| 5.47-5.725GHz | 802.11be EHT160 | 160        | 3TX  |

**Beamforming**

| Band          | Mode               | BWch (MHz) | Nant |
|---------------|--------------------|------------|------|
| 5.25-5.35GHz  | 802.11be EHT20-BF  | 20         | 3TX  |
| 5.47-5.725GHz | 802.11be EHT20-BF  | 20         | 3TX  |
| 5.725-5.85GHz | 802.11be EHT20-BF  | 20         | 3TX  |
| 5.25-5.35GHz  | 802.11be EHT40-BF  | 40         | 3TX  |
| 5.47-5.725GHz | 802.11be EHT40-BF  | 40         | 3TX  |
| 5.725-5.85GHz | 802.11be EHT40-BF  | 40         | 3TX  |
| 5.25-5.35GHz  | 802.11be EHT80-BF  | 80         | 3TX  |
| 5.47-5.725GHz | 802.11be EHT80-BF  | 80         | 3TX  |
| 5.725-5.85GHz | 802.11be EHT80-BF  | 80         | 3TX  |
| 5.15-5.25GHz  | 802.11be EHT160-BF | 160        | 3TX  |
| 5.25-5.35GHz  | 802.11be EHT160-BF | 160        | 3TX  |
| 5.47-5.725GHz | 802.11be EHT160-BF | 160        | 3TX  |

**Note:**

- ♦ 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ VHT20, VHT40, VHT80, VHT160 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- ♦ HEW20, HEW40, HEW80, HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ EHT20, EHT40, EHT80, EHT160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM modulation.
- ♦ BWch is the nominal channel bandwidth.
- ♦ Evaluated EHT20/EHT40/EHT80/EHT160 mode only due to the similar modulation. The power setting of HT20/HT40/VHT20/VHT40/VHT80/VHT160/HEW20/HEW40/HEW80/HEW160 mode are the same or lower than EHT20/EHT40/EHT80/EHT160.

**1.1.2 Antenna Information**

| Ant. | Brand      | Model Name       | Antenna Type | Connector | Support | Radio   |
|------|------------|------------------|--------------|-----------|---------|---------|
| 1    | GALTRONICS | 02102481-08068U1 | Dipole       | I-Pex     | 2.4G+5G | Radio 1 |
| 2    | GALTRONICS | 02102481-08068U1 | Dipole       | I-Pex     | 2.4G+5G | Radio 1 |
| 3    | GALTRONICS | 02102481-08068U1 | Dipole       | I-Pex     | 5G      | Radio 1 |
| 4    | GALTRONICS | 02102481-08068U1 | Dipole       | I-Pex     | 6G      | Radio 2 |
| 5    | GALTRONICS | 02102481-08068U1 | Dipole       | I-Pex     | 6G      | Radio 2 |
| 6    | GALTRONICS | 02102481-08068U1 | Dipole       | I-Pex     | 6G      | Radio 2 |



| Ant. | Port | Gain (dBi) |        |         |         |        |        |        |        |        |
|------|------|------------|--------|---------|---------|--------|--------|--------|--------|--------|
|      |      | 2.4G       | UNII-1 | UNII-2A | UNII-2C | UNII-3 | UNII-5 | UNII-6 | UNII-7 | UNII-8 |
| 1    | 1    | 4.19       | 5.20   | 5.35    | 5.68    | 3.65   | -      | -      | -      | -      |
| 2    | 2    | 3.97       | 5.66   | 5.98    | 6.25    | 5.60   | -      | -      | -      | -      |
| 3    | 3    | -          | 4.36   | 4.52    | 4.28    | 3.53   | -      | -      | -      | -      |
| 4    | 1    | -          | -      | -       | -       | -      | 4.66   | 4.96   | 4.11   | 3.69   |
| 5    | 2    | -          | -      | -       | -       | -      | 4.46   | 4.62   | 4.32   | 3.88   |
| 6    | 3    | -          | -      | -       | -       | -      | 3.44   | 3.97   | 3.84   | 4.56   |

| Composite Gain (dBi) |      |        |         |         |        |        |        |        |        |  |
|----------------------|------|--------|---------|---------|--------|--------|--------|--------|--------|--|
|                      | 2.4G | UNII-1 | UNII-2A | UNII-2C | UNII-3 | UNII-5 | UNII-6 | UNII-7 | UNII-8 |  |
| DG [1SS]             | 4.96 | 5.91   | 6.05    | 6.74    | 5.75   | 6.25   | 7.38   | 7.11   | 7.05   |  |
| DG [2SS]             | 4.19 | 5.66   | 5.98    | 6.25    | 5.6    | 4.66   | 4.96   | 4.32   | 4.56   |  |
| DG [3SS]             | -    | 5.66   | 5.98    | 6.25    | 5.6    | 4.66   | 4.96   | 4.32   | 4.56   |  |

Note 1: The EUT has six antennas.

Note 2: The composite gain is derived as KDB 662911 D03 v01 which was used as directional gain. For more detail information, please refer to the Antenna Pattern Report AP4O2418.

**For 2.4GHz function:**

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

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

**For 5GHz function:**

For IEEE 802.11 a/n/ac/ax/be mode (3TX/3RX) < Radio 1 >

Ant. 1 (port 1), Ant. 2 (port 2), Ant. 3 (port 3) could transmit/receive simultaneously.

**For 6GHz function:**

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

Ant. 4 (port 1), Ant. 5 (port 2), Ant. 6 (port 3) could transmit/receive simultaneously.



## 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             |  |
|                                     | <input type="checkbox"/> Fixed P2P AP                                         | <input type="checkbox"/> Client                           |  |
| Beamforming Function                | <input checked="" type="checkbox"/> With beamforming                          | <input type="checkbox"/> Without beamforming              |  |
| TPC Function                        | <input checked="" type="checkbox"/> With TPC Function                         | <input type="checkbox"/> Without TPC Function             |  |
| Weather Band                        | <input checked="" type="checkbox"/> With 5600~5650MHz                         | <input type="checkbox"/> Without 5600~5650MHz             |  |
| Resource Unit                       | <input checked="" type="checkbox"/> Full RU                                   | <input type="checkbox"/> Partial RU                       |  |
|                                     | <input type="checkbox"/> MRU(static preamble puncturing)                      | <input type="checkbox"/> MRU(dynamic preamble puncturing) |  |
| Type of EUT                         |                                                                               |                                                           |  |
| <input checked="" type="checkbox"/> | Stand-alone                                                                   |                                                           |  |
| <input type="checkbox"/>            | Combined (EUT where the radio part is fully integrated within another device) |                                                           |  |
|                                     | Combined Equipment - Brand Name / Model No.: ...                              |                                                           |  |
| <input type="checkbox"/>            | Plug-in radio (EUT intended for a variety of host systems)                    |                                                           |  |
|                                     | Host System - Brand Name / Model No.: ...                                     |                                                           |  |
| <input type="checkbox"/>            | Other: ...                                                                    |                                                           |  |

## 1.1.4 Mode Test Duty Cycle

## Non-Beamforming

| Mode                            | DC    | DCF (dB) | T (s)  | VBW (Hz)_1/T |
|---------------------------------|-------|----------|--------|--------------|
| 802.11a_Nss1,(6Mbps)_3TX        | 0.964 | 0.16     | 1.395m | 1k           |
| 802.11be EHT20_Nss1,(MCS0)_3TX  | 0.876 | 0.57     | 372.5u | 3k           |
| 802.11be EHT40_Nss1,(MCS0)_3TX  | 0.874 | 0.58     | 367.5u | 3k           |
| 802.11be EHT80_Nss1,(MCS0)_3TX  | 0.869 | 0.61     | 352.5u | 3k           |
| 802.11be EHT160_Nss1,(MCS0)_3TX | 0.871 | 0.6      | 355u   | 3k           |

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

## Beamforming

| Mode                               | DC    | DCF (dB) | T (s)  | VBW (Hz)_1/T |
|------------------------------------|-------|----------|--------|--------------|
| 802.11be EHT20-BF_Nss1,(MCS0)_3TX  | 0.876 | 0.57     | 372.5u | 3k           |
| 802.11be EHT40-BF_Nss1,(MCS0)_3TX  | 0.874 | 0.58     | 367.5u | 3k           |
| 802.11be EHT80-BF_Nss1,(MCS0)_3TX  | 0.869 | 0.61     | 352.5u | 3k           |
| 802.11be EHT160-BF_Nss1,(MCS0)_3TX | 0.871 | 0.6      | 355u   | 3k           |

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                                                        | Description                                                                      |
|-------------------------------------------------------------------|----------------------------------------------------------------------------------|
| SDG-9732iYYYYYY(Y can be 0-9, a-z, A-Z, blank, "+" or "-" or "#") | All the models are identical, the difference model served as marketing strategy. |

From the above models, SDG-9732i Smart was selected as representative model for the test and its data was recorded in this report.

### 1.1.6 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR4O2418AN

Below is the table for the change of the product with respect to the original one.

| Modifications                                    | Performance Checking                                                                                                             |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Frequency bands U-NII-2A and U-NII-2C were added | Emission Bandwidth, Maximum Conducted Output Power, Peak Power Spectral Density and Unwanted Emissions above 1GHz were evaluated |

## 1.2 Testing Applied Standards

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

- ♦ 47 CFR FCC Part 15
- ♦ ANSI C63.10-2013
- ♦ KDB 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               |
| RF Conducted                                                        | TH01-HY                                                                                        | Sonic Li      | 22.5~22.9°C / 53~57% | 25/Nov/2024~03/Dec/2024 |
| <input checked="" type="checkbox"/> Wen 33rd.<br>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<br>(co-location)                                           | 03CH09-HY                                                                                      | Lego Lin      | 20.4~21.5°C / 56~60% | 27/Nov/2024             |
| <input checked="" type="checkbox"/> Wenhua<br>3rd.<br>(TAF: 3785)   | ADD: No. 58, Aly. 75, Ln. 564, Wenhua 3rd Rd., Guishan Dist. Taoyuan City 333, Taiwan (R.O.C.) |               |                      |                         |
|                                                                     | TEL: 886-3-327-0868                                                                            |               |                      |                         |
| Test site Designation No. TW0036 with FCC.                          |                                                                                                |               |                      |                         |
| Test Condition                                                      | Test Site No.                                                                                  | Test Engineer | Test Environment     | Test Date               |
| Radiated                                                            | 03CH24-HY                                                                                      | Jack Tang     | 20.7~21.6°C / 56~64% | 21/Nov/2024~22/Nov/2024 |

## 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                   |
|--------------------------------|-------------|--------------------------|
| 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

|                              |                     |
|------------------------------|---------------------|
| <b>Test Software Version</b> | MT7990 QA 0.0.2.104 |
|------------------------------|---------------------|

#### Non-Beamforming

| Mode                           | Power Setting |
|--------------------------------|---------------|
| 802.11a_Nss1,(6Mbps)_3TX       | -             |
| 5260MHz                        | 18.5          |
| 5300MHz                        | 18.5          |
| 5320MHz                        | 17.5          |
| 5500MHz                        | 17.5          |
| 5580MHz                        | 17.5          |
| 5700MHz                        | 16            |
| 5720MHz Straddle 5.47-5.725GHz | 18            |
| 5720MHz Straddle 5.725-5.85GHz | 18            |
| 802.11be EHT20_Nss1,(MCS0)_3TX | -             |
| 5260MHz                        | 20.5          |
| 5300MHz                        | 20.5          |
| 5320MHz                        | 19            |
| 5500MHz                        | 19            |
| 5580MHz                        | 19.5          |
| 5700MHz                        | 17.5          |
| 5720MHz Straddle 5.47-5.725GHz | 20            |
| 5720MHz Straddle 5.725-5.85GHz | 20            |
| 802.11be EHT40_Nss1,(MCS0)_3TX | -             |
| 5270MHz                        | 19.5          |
| 5310MHz                        | 18            |
| 5510MHz                        | 18.5          |
| 5550MHz                        | 19            |
| 5670MHz                        | 18.5          |
| 5710MHz Straddle 5.47-5.725GHz | 21            |
| 5710MHz Straddle 5.725-5.85GHz | 21            |
| 802.11be EHT80_Nss1,(MCS0)_3TX | -             |
| 5290MHz                        | 16.5          |
| 5530MHz                        | 16.5          |



| Mode                            | Power Setting |
|---------------------------------|---------------|
| 5610MHz                         | 18            |
| 5690MHz Straddle 5.47-5.725GHz  | 20            |
| 5690MHz Straddle 5.725-5.85GHz  | 20            |
| 802.11be EHT160_Nss1,(MCS0)_3TX | -             |
| 5250MHz Straddle 5.15-5.25GHz   | 15.5          |
| 5250MHz Straddle 5.25-5.35GHz   | 15.5          |
| 5570MHz                         | 17            |

**Beamforming**

| Mode                               | Power Setting |
|------------------------------------|---------------|
| 802.11be EHT20-BF_Nss1,(MCS0)_3TX  | -             |
| 5260MHz                            | 20            |
| 5300MHz                            | 20.5          |
| 5320MHz                            | 19            |
| 5500MHz                            | 19            |
| 5580MHz                            | 19            |
| 5700MHz                            | 17.5          |
| 5720MHz Straddle 5.47-5.725GHz     | 19.5          |
| 5720MHz Straddle 5.725-5.85GHz     | 19.5          |
| 802.11be EHT40-BF_Nss1,(MCS0)_3TX  | -             |
| 5270MHz                            | 19.5          |
| 5310MHz                            | 18            |
| 5510MHz                            | 18.5          |
| 5550MHz                            | 19            |
| 5670MHz                            | 18.5          |
| 5710MHz Straddle 5.47-5.725GHz     | 20.5          |
| 5710MHz Straddle 5.725-5.85GHz     | 20.5          |
| 802.11be EHT80-BF_Nss1,(MCS0)_3TX  | -             |
| 5290MHz                            | 16.5          |
| 5530MHz                            | 16.5          |
| 5610MHz                            | 18            |
| 5690MHz Straddle 5.47-5.725GHz     | 19.5          |
| 5690MHz Straddle 5.725-5.85GHz     | 19.5          |
| 802.11be EHT160-BF_Nss1,(MCS0)_3TX | -             |
| 5250MHz Straddle 5.15-5.25GHz      | 15.5          |
| 5250MHz Straddle 5.25-5.35GHz      | 15.5          |
| 5570MHz                            | 17            |

## 2.2 The Worst Case Measurement Configuration

| 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                                                                                    |                                     |
|----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| <b>Tests Item</b>                                                                                                                      | Simultaneous Transmission Analysis  |
| <b>Operating Mode</b>                                                                                                                  | CTX                                 |
| 1                                                                                                                                      | WLAN 2.4GHz + WLAN 5GHz + WLAN 6GHz |
| Refer to Sporton Test Report No.: FA4O2418-01 for Co-location RF Exposure Evaluation and Appendix E for Radiated Emission Co-location. |                                     |



## 2.3 Accessories

| Accessories |            |     |            |     |
|-------------|------------|-----|------------|-----|
| Mount Plate | Brand Name | N/A | Model Name | N/A |
| T-bar Mount | Brand Name | N/A | Model Name | N/A |

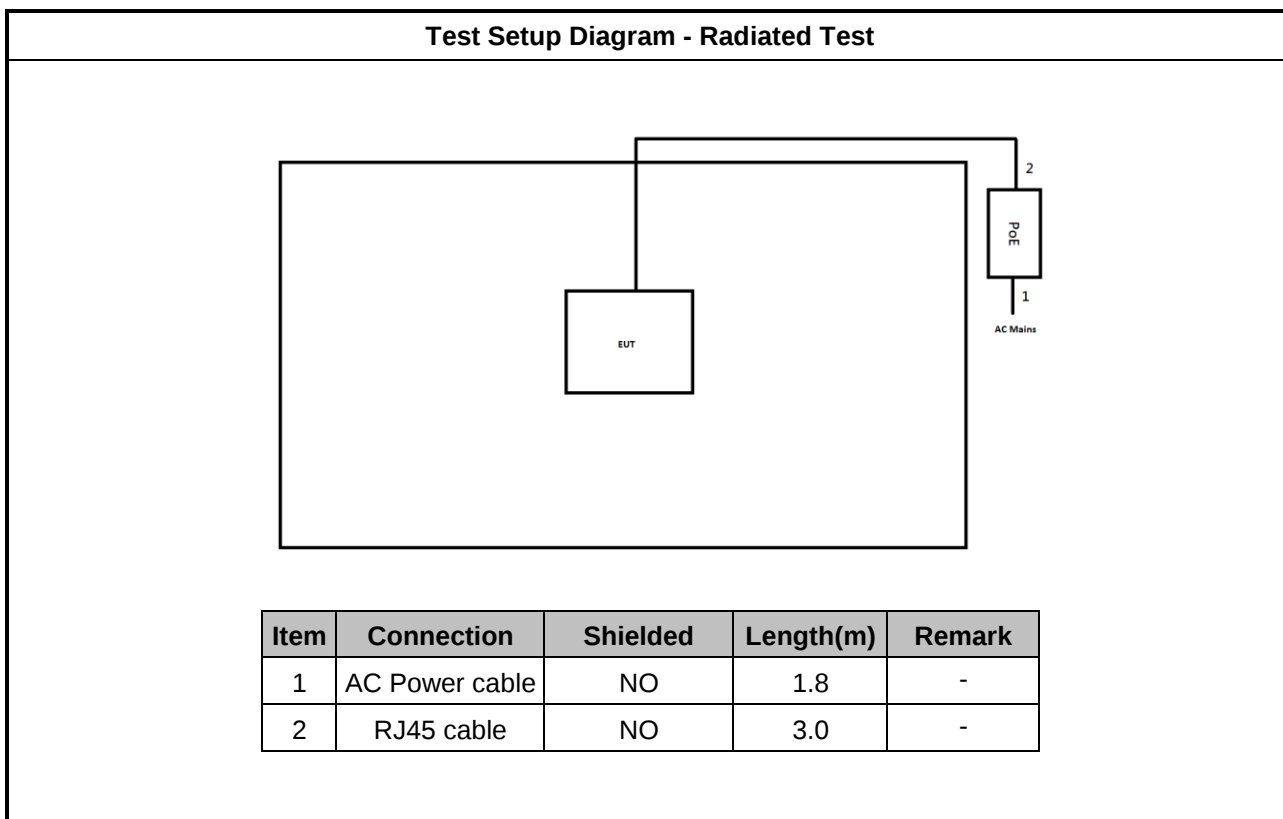
Reminder: Regarding to more detail and other information, please refer to user manual.

## 2.4 Support Equipment

| 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                            | RJ45 Cable             | Power sync | CAT-6E-03  | -      | -                    |
| 2                            | PoE<br>(Remote)        | CWT        | P060U04BT  | -      | Provided by Customer |
| 3                            | Power Cord<br>(Remote) | N/A        | N/A        | -      | Provided by Customer |

## 2.5 Test Setup Diagram



### 3 Transmitter Test Result

#### 3.1 Emission Bandwidth

##### 3.1.1 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 checked="" type="checkbox"/> | For the 5.25-5.35 GHz band, N/A                                     |
| <input checked="" 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. |

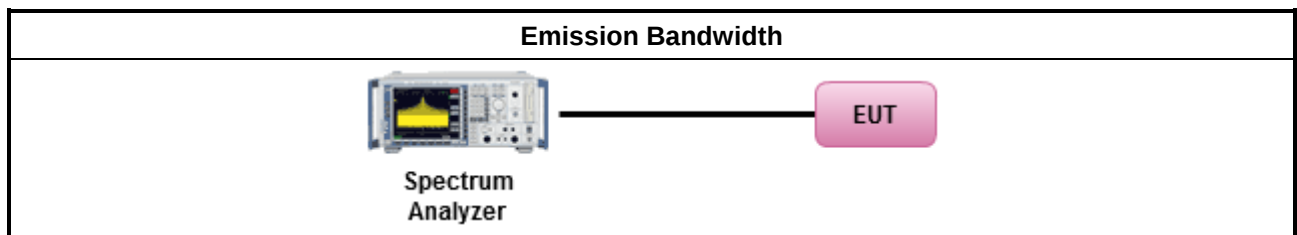
##### 3.1.2 Measuring Instruments

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

##### 3.1.3 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.                  |

##### 3.1.4 Test Setup



##### 3.1.5 Test Result of Emission Bandwidth

Refer as Appendix A

## 3.2 Maximum Conducted Output Power

### 3.2.1 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 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> </ul> |
| <input type="checkbox"/>                                                                                                   | <ul style="list-style-type: none"> <li>Indoor AP: the maximum conducted output power (<math>P_{Out}</math>) shall not exceed 1 W. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 6)</math></li> </ul>                                                                                    |
| <input type="checkbox"/>                                                                                                   | <ul style="list-style-type: none"> <li>Point-to-point AP: the maximum conducted output power (<math>P_{Out}</math>) shall not exceed 1 W. If <math>G_{TX} &gt; 23</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 23)</math>.</li> </ul>                                                                         |
| <input type="checkbox"/>                                                                                                   | <ul style="list-style-type: none"> <li>Mobile or Portable Client: the maximum conducted output power (<math>P_{Out}</math>) shall not exceed 250 mW. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 24 - (G_{TX} - 6)</math>.</li> </ul>                                                                |
| <input checked="" type="checkbox"/>                                                                                        | For the 5.25-5.35 GHz band, the maximum conducted output power ( $P_{Out}$ ) shall not exceed 250 mW or 11 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 5.47-5.725 GHz band, the maximum conducted output power ( $P_{Out}$ ) shall not exceed 250 mW or 11 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 1 W. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 6)</math>.</li> </ul>                                                           |
| <input type="checkbox"/>                                                                                                   | <ul style="list-style-type: none"> <li>Point-to-point systems (P2P): the maximum conducted output power (<math>P_{Out}</math>) shall not exceed 1 W.</li> </ul>                                                                                                                                                  |
| $P_{Out}$ = maximum conducted output power in dBm,<br>$G_{TX}$ = the maximum transmitting antenna directional gain in dBi. |                                                                                                                                                                                                                                                                                                                  |

### 3.2.2 Measuring Instruments

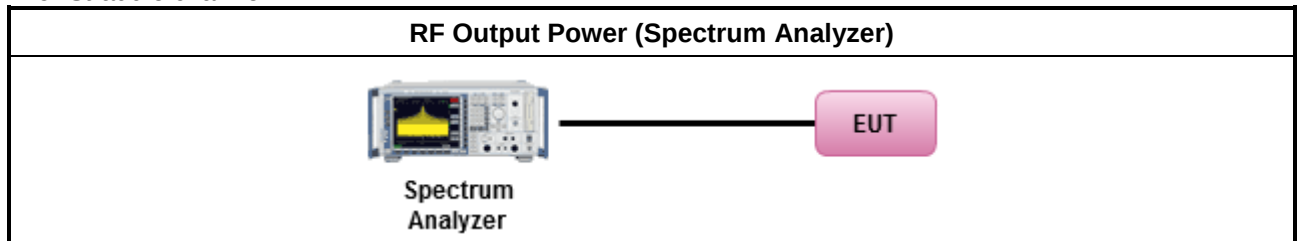
Refer a test equipment and calibration data table in this test report.

### 3.2.3 Test Procedures

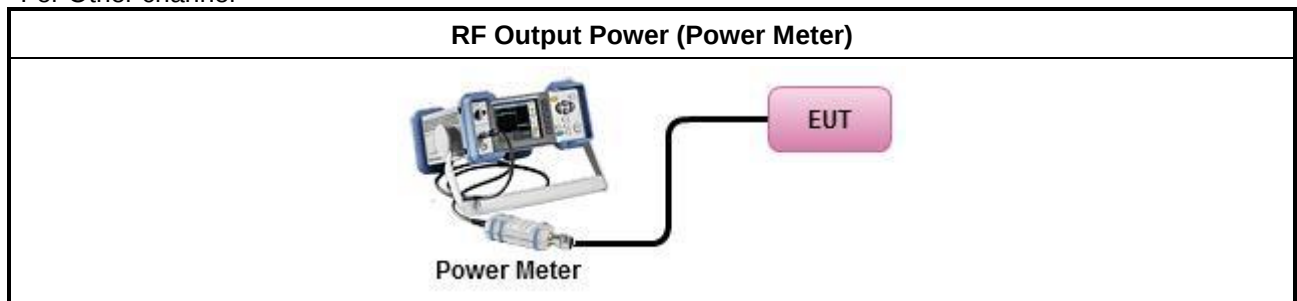
| Test Method                                                                      |                                                                                                                                                                                                                                                                                                                                                                    |
|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>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 checked="" 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_{\text{total}} = P_1 + P_2 + \dots + P_n</math><br/>           (calculated in linear unit [mW] and transfer to log unit [dBm])<br/> <math>\text{EIRP}_{\text{total}} = P_{\text{total}} + \text{DG}</math> </li> </ul>            |

### 3.2.4 Test Setup

For Straddle channel



For Other channel



### 3.2.5 Test Result of Maximum Conducted Output Power

Refer as Appendix B

### 3.3 Peak Power Spectral Density

#### 3.3.1 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 17dBm/MHz. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 17 - (G_{TX} - 6)</math>.</li> </ul>                          |
| <input type="checkbox"/>                                                                                                                                                                                                                                                                        | <ul style="list-style-type: none"> <li>Indoor AP: the peak power spectral density (PPSD) shall not exceed 17dBm/MHz. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 17 - (G_{TX} - 6)</math>.</li> </ul>                           |
| <input type="checkbox"/>                                                                                                                                                                                                                                                                        | <ul style="list-style-type: none"> <li>Point-to-point AP: the peak power spectral density (PPSD) shall not exceed 17dBm/MHz. If <math>G_{TX} &gt; 23</math> dBi, then <math>P_{Out} = 17 - (G_{TX} - 23)</math>.</li> </ul>                 |
| <input type="checkbox"/>                                                                                                                                                                                                                                                                        | <ul style="list-style-type: none"> <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 checked="" 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 checked="" 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> </ul> |
| <input type="checkbox"/>                                                                                                                                                                                                                                                                        | <ul style="list-style-type: none"> <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>G<sub>TX</sub></b> = the maximum transmitting antenna directional gain in dBi. |                                                                                                                                                                                                                                             |

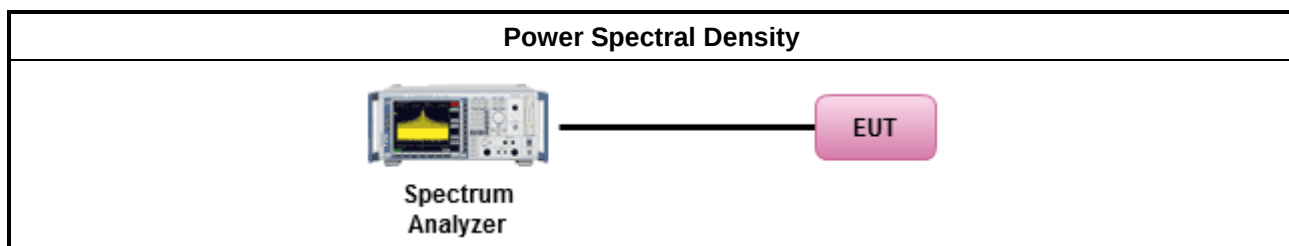
### 3.3.2 Measuring Instruments

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>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, F5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Duty cycle ≥ 98%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| <input type="checkbox"/> Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
| 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>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> |  |
| <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>                                                                                                                                                                                                                                                                                                                                                                       |  |

### 3.3.4 Test Setup



### 3.3.5 Test Result of Peak Power Spectral Density

Refer as Appendix C

### 3.4 Unwanted Emissions

#### 3.4.1 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).

### 3.4.2 Measuring Instruments

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

### 3.4.3 Test Procedures

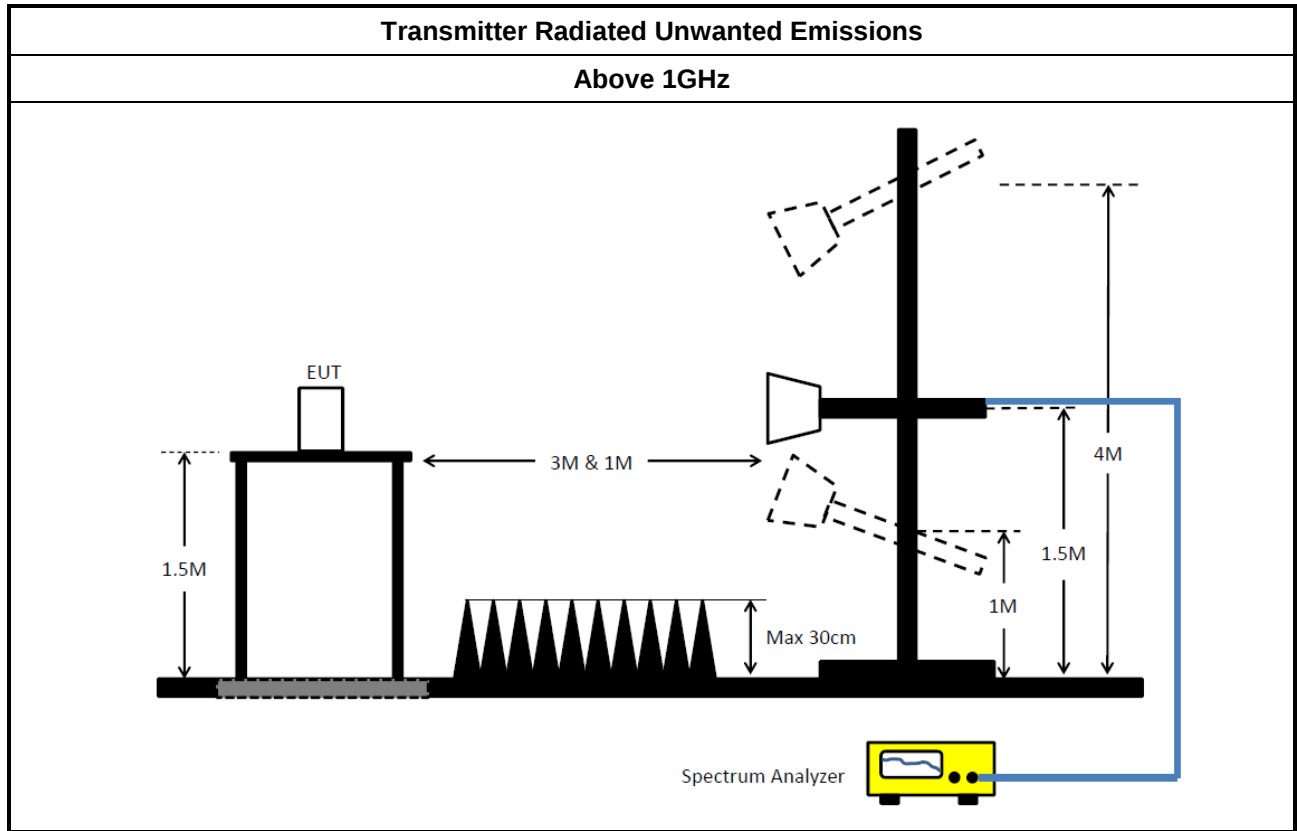
| Test Method                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>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>                                                                  |

### 3.4.4 Measurement Results Calculation

The measured Level is calculated using:

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

### 3.4.5 Test Setup



### 3.4.6 Test Result of Transmitter Unwanted Emissions

Refer as Appendix D



## 4 Test Equipment and Calibration Data

### Instrument for Conducted Test

| Instrument               | Manufacturer /Brand | Model No. | Serial No. | Spec.        | Calibration Date | Calibration Due Date |
|--------------------------|---------------------|-----------|------------|--------------|------------------|----------------------|
| Signal Analyzer          | R&S                 | FSV 40    | 101013     | 10Hz~40GHz   | 09/Apr/2024      | 08/Apr/2025          |
| SMB100A Signal Generator | R&S                 | SMB100A   | 181147     | 100kHz~40GHz | 16/Oct/2024      | 15/Oct/2025          |
| Power Meter              | Anritsu             | ML2495A   | 0949003    | 300MHz~40GHz | 17/Feb/2024      | 16/Feb/2025          |
| Pulse Sensor             | Anritsu             | MA2411B   | 0917017    | 300MHz~40GHz | 17/Feb/2024      | 16/Feb/2025          |
| SENSE-15407_NII          | Sporton             | V5.11.21  | N/A        | N/A          | N/A              | N/A                  |

### Instrument for Radiated Test (03CH24-HY)

| Instrument                       | Manufacturer /Brand | Model No.   | Serial No.      | Spec.         | Calibration Date | Calibration Due Date |
|----------------------------------|---------------------|-------------|-----------------|---------------|------------------|----------------------|
| 3m Semi Anechoic Chamber         | TDK                 | SAC-3M      | 03CH24-HY       | 1GHz~18GHz 3m | 30/Jul/2024      | 29/Jul/2025          |
| EMI Test Receiver                | ROHDE & SCHWARZ     | ESR         | 102318          | 9kHz~3.6GHz   | 27/Dec/2023      | 26/Dec/2024          |
| Signal Analyzer                  | ROHDE & SCHWARZ     | FSV3044     | 101345          | 10Hz~44GHz    | 27/Aug/2024      | 26/Aug/2025          |
| Double Ridged Guide Horn Antenna | SCHWARZBECK         | BBHA 9120 D | 02744           | 1GHz~18GHz    | 15/Aug/2024      | 14/Aug/2025          |
| Broadband Horn Antenna           | SCHWARZBECK         | BBHA 9170   | BBHA 9170154    | 18GHz~40GHz   | 04/Jun/2024      | 03/Jun/2025          |
| RF Cable                         | HUBER+SUHNER        | SUOFLEX 104 | 03CH24-cable-01 | 9kHz~40GHz    | 01/Oct/2024      | 30/Sep/2025          |
| Amplifier                        | EM                  | EM01G18G    | 060870          | 1GHz ~18GHz   | 12/Aug/2024      | 11/Aug/2025          |
| Microwave Premplifier            | EMC INSTRUMENTS     | EM18G40G    | 060604          | 18GHz ~ 40GHz | 19/Apr/2024      | 18/Apr/2025          |
| SENSE-15407-NII                  | Sporton             | V5.11.20    | NA              | NA            | NA               | NA                   |

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

| Instrument                       | Manufacturer /Brand | Model No.   | Serial No.          | Spec.            | Calibration Date | Calibration Due Date |
|----------------------------------|---------------------|-------------|---------------------|------------------|------------------|----------------------|
| Site V.S.W.R                     | TDK                 | SAC-3M      | 03CH09-HY           | 1GHz~18GHz<br>3m | 07/Mar/2024      | 06/Mar/2025          |
| EXA Signal Analyzer              | KEYSIGHT            | N9010A      | MY54200885          | 10Hz~44GHz       | 15/Aug/2024      | 14/Aug/2025          |
| Double Ridged Guide Horn Antenna | SCHWARZBECK         | BBHA 9120 D | BBHA 9120 D<br>1531 | 1GHz ~ 18GHz     | 20/Dec/2023      | 19/Dec/2024          |
| Microwave Preamplifier           | Agilent             | 8449B       | 3008A02096          | 1GHz~26.5GHz     | 19/Jul/2024      | 18/Jul/2025          |
| RF CABLE<br>5m+3m+1m             | HUBER+SUHNER        | SUCOFLEX104 | 03CH09-cable-02     | 1GHz~40GHz       | 07/Oct/2024      | 06/Oct/2025          |
| Broadband Horn Antenna           | SCHWARZBECK         | BBHA 9170   | 01248               | 18GHz~40GHz      | 04/Oct/2024      | 03/Oct/2025          |
| Amplifier                        | EMC<br>INSTRUMENTS  | EM18G40G    | 060604              | 18GHz~40GHz      | 19/Apr/2024      | 18/Apr/2025          |
| SENSE-EMI                        | Sporton             | V5.11       | NA                  | NA               | NA               | NA                   |

**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                    | -                | -               | -        | -                | -               |
| 802.11be EHT160_Nss1,(MCS0)_3TX | 80M              | 77.401M         | 77M4D1D  | 80M              | 77.161M         |
| 5.25-5.35GHz                    | -                | -               | -        | -                | -               |
| 802.11a_Nss1,(6Mbps)_3TX        | 21.065M          | 16.514M         | 16M5D1D  | 17.93M           | 16.294M         |
| 802.11be EHT20_Nss1,(MCS0)_3TX  | 23.045M          | 18.941M         | 18M9D1D  | 19.58M           | 18.766M         |
| 802.11be EHT40_Nss1,(MCS0)_3TX  | 39.16M           | 37.731M         | 37M7D1D  | 38.83M           | 37.381M         |
| 802.11be EHT80_Nss1,(MCS0)_3TX  | 80.08M           | 76.862M         | 76M9D1D  | 79.86M           | 76.262M         |
| 802.11be EHT160_Nss1,(MCS0)_3TX | 80.08M           | 77.481M         | 77M5D1D  | 80M              | 77.161M         |
| 5.47-5.725GHz                   | -                | -               | -        | -                | -               |
| 802.11a_Nss1,(6Mbps)_3TX        | 18.48M           | 16.404M         | 16M4D1D  | 13.8M            | 13.133M         |
| 802.11be EHT20_Nss1,(MCS0)_3TX  | 21.01M           | 18.891M         | 18M9D1D  | 14.67M           | 14.273M         |
| 802.11be EHT40_Nss1,(MCS0)_3TX  | 39.16M           | 37.631M         | 37M6D1D  | 34.615M          | 33.373M         |
| 802.11be EHT80_Nss1,(MCS0)_3TX  | 80.08M           | 76.962M         | 77M0D1D  | 74.55M           | 72.789M         |
| 802.11be EHT160_Nss1,(MCS0)_3TX | 162.36M          | 155.522M        | 156MD1D  | 161.92M          | 154.523M        |
| 5.725-5.85GHz                   | -                | -               | -        | -                | -               |
| 802.11a_Nss1,(6Mbps)_3TX        | 3.26M            | 3.458M          | 3M46D1D  | 3.26M            | 3.338M          |
| 802.11be EHT20_Nss1,(MCS0)_3TX  | 4.56M            | 4.558M          | 4M56D1D  | 4.16M            | 4.558M          |
| 802.11be EHT40_Nss1,(MCS0)_3TX  | 4.06M            | 17.871M         | 17M9D1D  | 4.02M            | 9.815M          |
| 802.11be EHT80_Nss1,(MCS0)_3TX  | 4.04M            | 20.97M          | 21M0D1D  | 4.04M            | 14.793M         |

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 | Port 1-N dB | Port 1-OBW | Port 2-N dB | Port 2-OBW | Port 3-N dB | Port 3-OBW |
|---------------------------------|--------|-------|-------------|------------|-------------|------------|-------------|------------|
|                                 |        | (Hz)  | (Hz)        | (Hz)       | (Hz)        | (Hz)       | (Hz)        | (Hz)       |
| 802.11a_Nss1,(6Mbps)_3TX        | -      | -     | -           | -          | -           | -          | -           | -          |
| 5260MHz                         | Pass   | Inf   | 18.315M     | 16.514M    | 18.37M      | 16.404M    | 18.15M      | 16.294M    |
| 5300MHz                         | Pass   | Inf   | 17.93M      | 16.426M    | 21.065M     | 16.448M    | 18.26M      | 16.382M    |
| 5320MHz                         | Pass   | Inf   | 20.955M     | 16.36M     | 18.04M      | 16.382M    | 18.26M      | 16.36M     |
| 5500MHz                         | Pass   | Inf   | 17.93M      | 16.338M    | 17.985M     | 16.36M     | 18.095M     | 16.36M     |
| 5580MHz                         | Pass   | Inf   | 17.93M      | 16.294M    | 18.315M     | 16.382M    | 18.48M      | 16.316M    |
| 5700MHz                         | Pass   | Inf   | 18.48M      | 16.338M    | 18.205M     | 16.382M    | 18.04M      | 16.404M    |
| 5720MHz Straddle 5.47-5.725GHz  | Pass   | Inf   | 13.8M       | 13.148M    | 14.04M      | 13.133M    | 14.085M     | 13.133M    |
| 5720MHz Straddle 5.725-5.85GHz  | Pass   | 500k  | 3.26M       | 3.338M     | 3.26M       | 3.458M     | 3.26M       | 3.438M     |
| 802.11be EHT20_Nss1,(MCS0)_3TX  | -      | -     | -           | -          | -           | -          | -           | -          |
| 5260MHz                         | Pass   | Inf   | 22M         | 18.916M    | 22.605M     | 18.941M    | 19.745M     | 18.891M    |
| 5300MHz                         | Pass   | Inf   | 19.69M      | 18.916M    | 23.045M     | 18.866M    | 19.855M     | 18.766M    |
| 5320MHz                         | Pass   | Inf   | 19.8M       | 18.841M    | 19.58M      | 18.841M    | 20.405M     | 18.891M    |
| 5500MHz                         | Pass   | Inf   | 19.525M     | 18.841M    | 19.635M     | 18.891M    | 21.01M      | 18.891M    |
| 5580MHz                         | Pass   | Inf   | 19.69M      | 18.841M    | 19.855M     | 18.891M    | 19.635M     | 18.866M    |
| 5700MHz                         | Pass   | Inf   | 19.8M       | 18.891M    | 19.69M      | 18.841M    | 19.58M      | 18.866M    |
| 5720MHz Straddle 5.47-5.725GHz  | Pass   | Inf   | 14.67M      | 14.408M    | 14.745M     | 14.273M    | 14.73M      | 14.438M    |
| 5720MHz Straddle 5.725-5.85GHz  | Pass   | 500k  | 4.56M       | 4.558M     | 4.56M       | 4.558M     | 4.16M       | 4.558M     |
| 802.11be EHT40_Nss1,(MCS0)_3TX  | -      | -     | -           | -          | -           | -          | -           | -          |
| 5270MHz                         | Pass   | Inf   | 39.05M      | 37.731M    | 38.94M      | 37.481M    | 38.83M      | 37.631M    |
| 5310MHz                         | Pass   | Inf   | 39.16M      | 37.581M    | 38.83M      | 37.381M    | 39.05M      | 37.581M    |
| 5510MHz                         | Pass   | Inf   | 39.05M      | 37.581M    | 38.94M      | 37.581M    | 39.05M      | 37.581M    |
| 5550MHz                         | Pass   | Inf   | 38.94M      | 37.531M    | 38.83M      | 37.631M    | 38.72M      | 37.231M    |
| 5670MHz                         | Pass   | Inf   | 39.16M      | 37.481M    | 38.94M      | 37.581M    | 38.83M      | 37.581M    |
| 5710MHz Straddle 5.47-5.725GHz  | Pass   | Inf   | 34.615M     | 33.653M    | 35.35M      | 33.513M    | 34.72M      | 33.373M    |
| 5710MHz Straddle 5.725-5.85GHz  | Pass   | 500k  | 4.06M       | 9.815M     | 4.04M       | 12.634M    | 4.02M       | 17.871M    |
| 802.11be EHT80_Nss1,(MCS0)_3TX  | -      | -     | -           | -          | -           | -          | -           | -          |
| 5290MHz                         | Pass   | Inf   | 80.08M      | 76.262M    | 80.08M      | 76.462M    | 79.86M      | 76.862M    |
| 5530MHz                         | Pass   | Inf   | 80.08M      | 76.962M    | 80.08M      | 76.162M    | 79.86M      | 76.662M    |
| 5610MHz                         | Pass   | Inf   | 79.86M      | 76.962M    | 80.08M      | 76.462M    | 79.86M      | 76.762M    |
| 5690MHz Straddle 5.47-5.725GHz  | Pass   | Inf   | 75.075M     | 72.864M    | 75.075M     | 72.864M    | 74.55M      | 72.789M    |
| 5690MHz Straddle 5.725-5.85GHz  | Pass   | 500k  | 4.04M       | 14.793M    | 4.04M       | 20.97M     | 4.04M       | 15.432M    |
| 802.11be EHT160_Nss1,(MCS0)_3TX | -      | -     | -           | -          | -           | -          | -           | -          |
| 5250MHz Straddle 5.15-5.25GHz   | Pass   | Inf   | 80M         | 77.161M    | 80M         | 77.401M    | 80M         | 77.161M    |
| 5250MHz Straddle 5.25-5.35GHz   | Pass   | Inf   | 80M         | 77.481M    | 80.08M      | 77.161M    | 80M         | 77.481M    |
| 5570MHz                         | Pass   | Inf   | 161.92M     | 155.522M   | 161.92M     | 155.122M   | 162.36M     | 154.523M   |

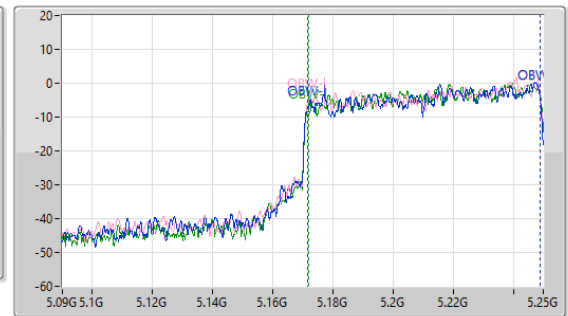
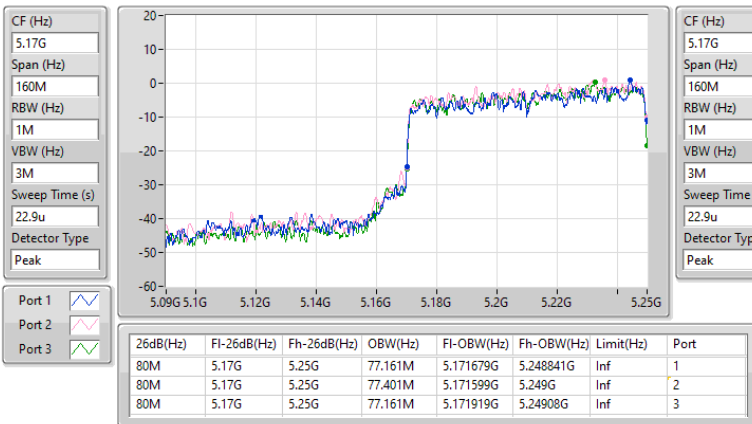
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band  
Port X-OBW = Port X 99% occupied bandwidth

## 5.15-5.25GHz\_802.11be EHT160\_Nss1,(MCS0)\_3TX

EBW

### 5250MHz Straddle 5.15-5.25GHz

25/11/2024

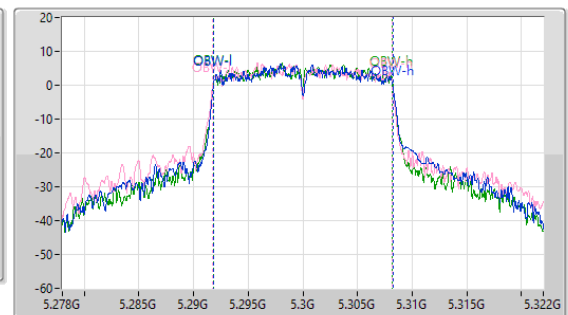
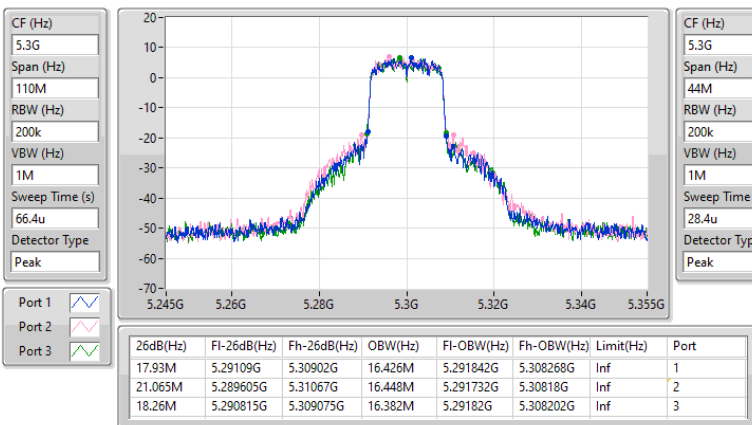


## 5.25-5.35GHz\_802.11a\_Nss1,(6Mbps)\_3TX

EBW

### 5300MHz

25/11/2024

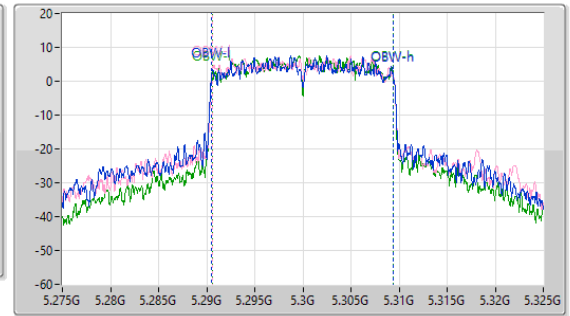
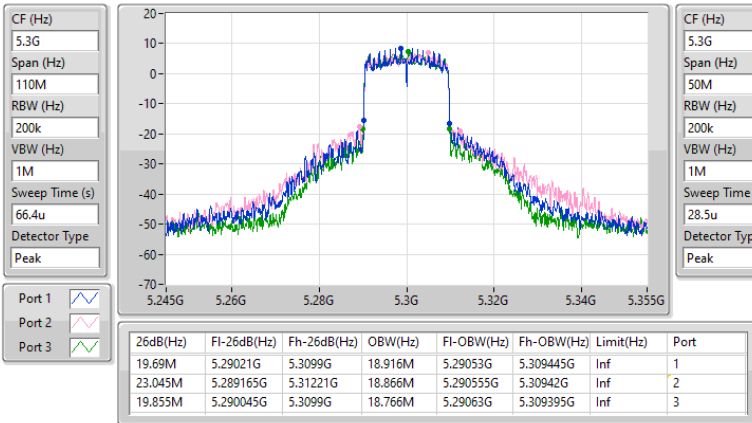


## 5.25-5.35GHz\_802.11be EHT20\_Nss1,(MCS0)\_3TX

EBW

5300MHz

25/11/2024

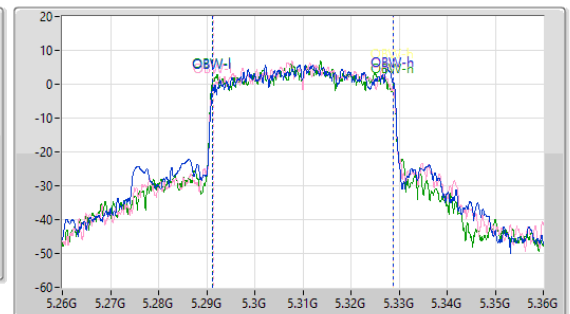
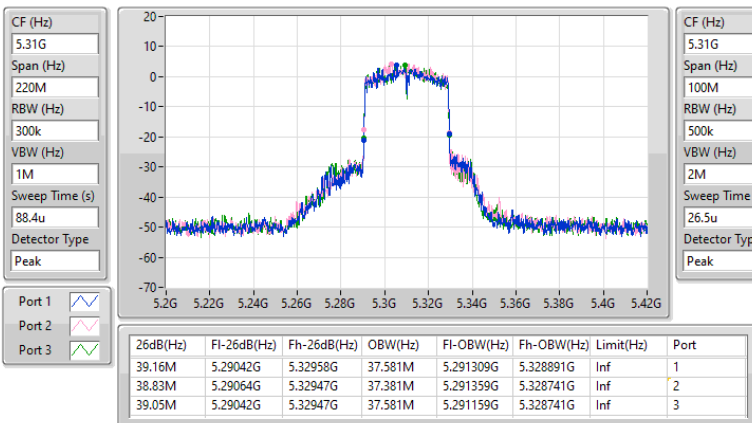


## 5.25-5.35GHz\_802.11be EHT40\_Nss1,(MCS0)\_3TX

EBW

5310MHz

25/11/2024

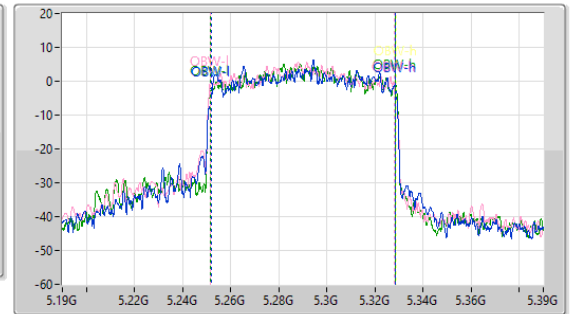
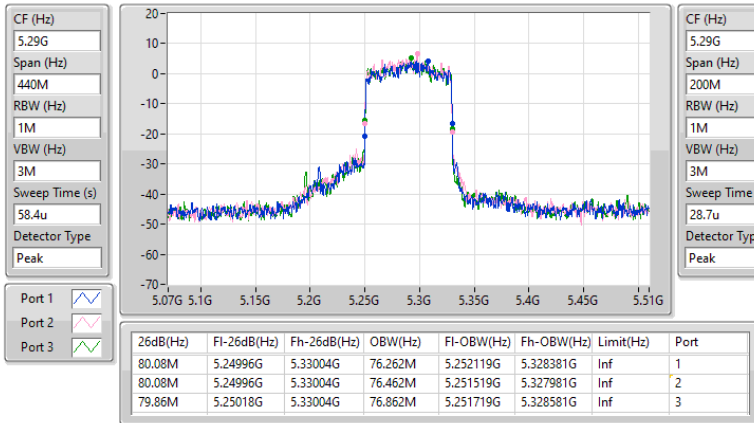


## 5.25-5.35GHz\_802.11be EHT80\_Nss1,(MCS0)\_3TX

EBW

5290MHz

25/11/2024

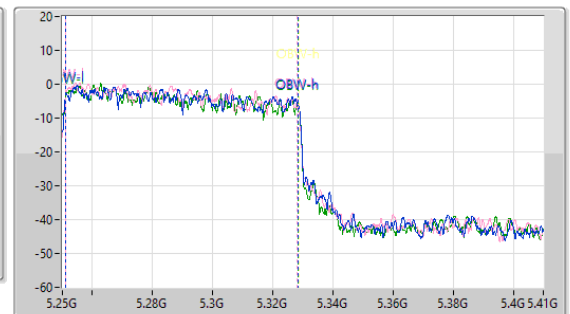
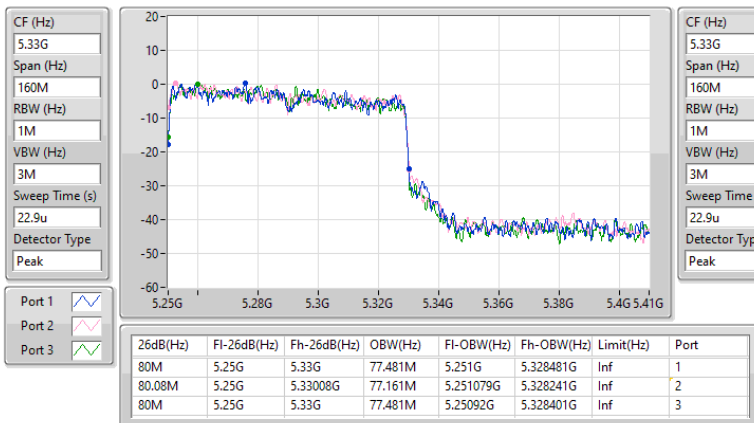


## 5.25-5.35GHz\_802.11be EHT160\_Nss1,(MCS0)\_3TX

EBW

5250MHz Straddle 5.25-5.35GHz

25/11/2024

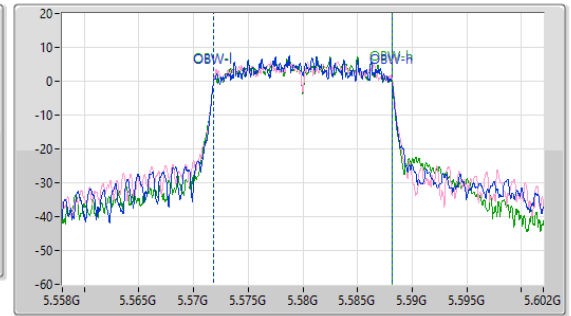
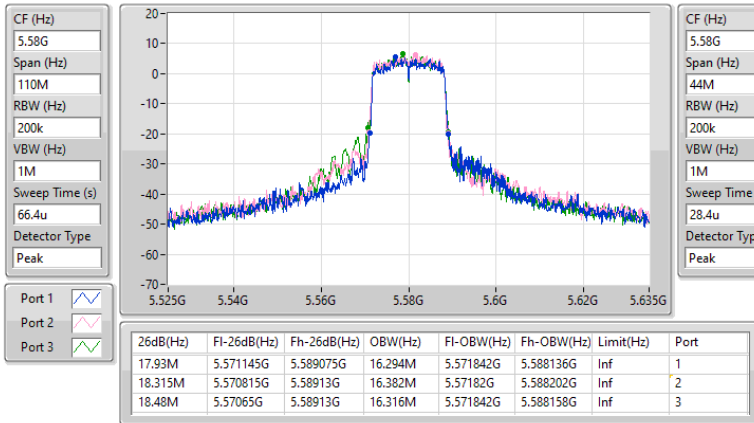


5.47-5.725GHz\_802.11a\_Nss1,(6Mbps)\_3TX

EBW

5580MHz

25/11/2024

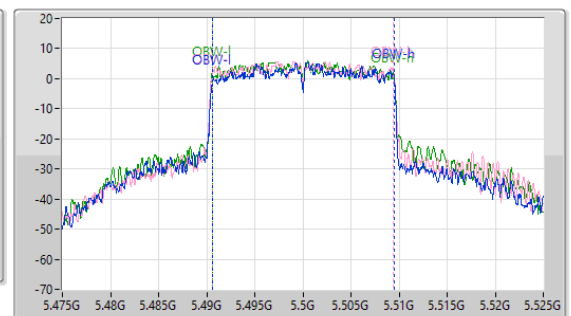
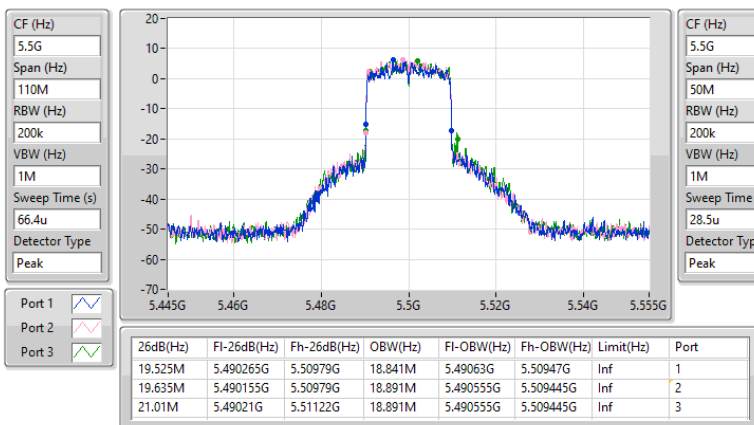


5.47-5.725GHz\_802.11be EHT20\_Nss1,(MCS0)\_3TX

EBW

5500MHz

25/11/2024

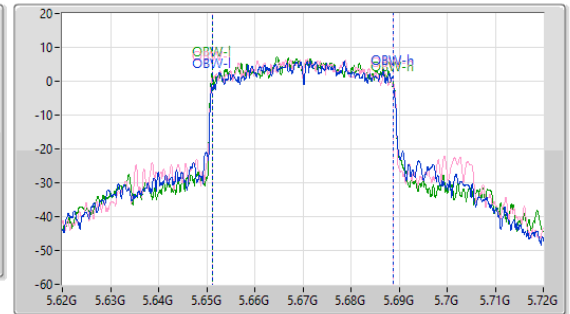
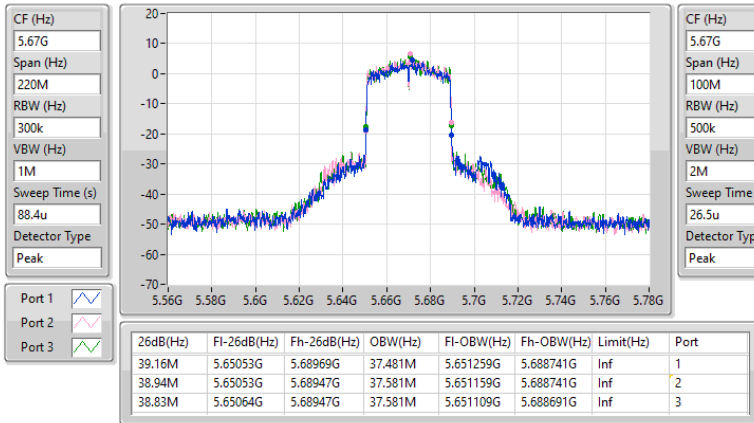


5.47-5.725GHz\_802.11be EHT40\_Nss1,(MCS0)\_3TX

EBW

5670MHz

25/11/2024

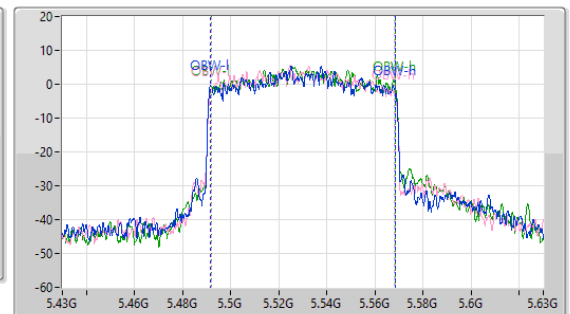
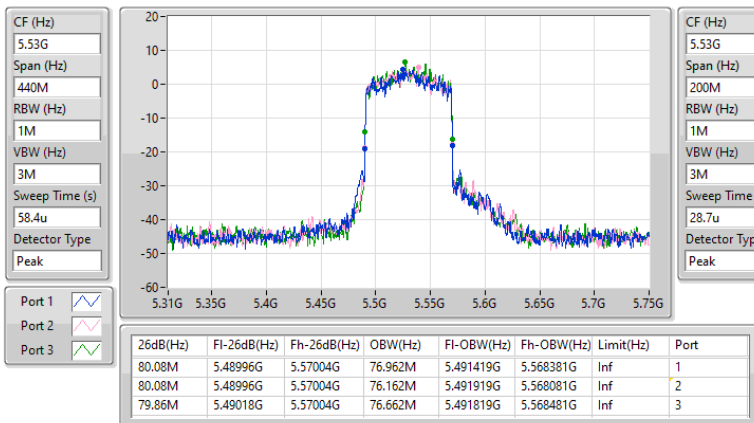


5.47-5.725GHz\_802.11be EHT80\_Nss1,(MCS0)\_3TX

EBW

5530MHz

25/11/2024

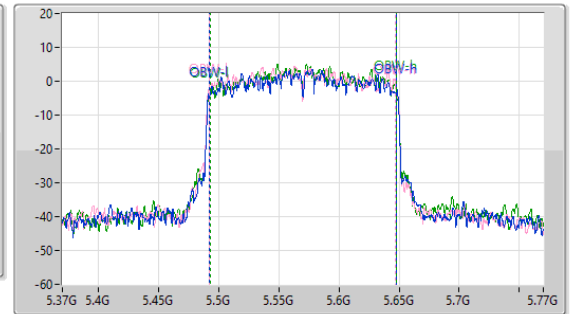
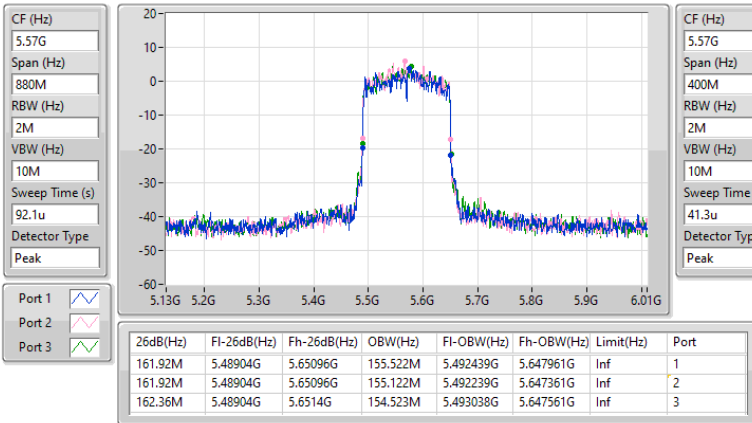


5.47-5.725GHz\_802.11be EHT160\_Nss1,(MCS0)\_3TX

EBW

5570MHz

25/11/2024

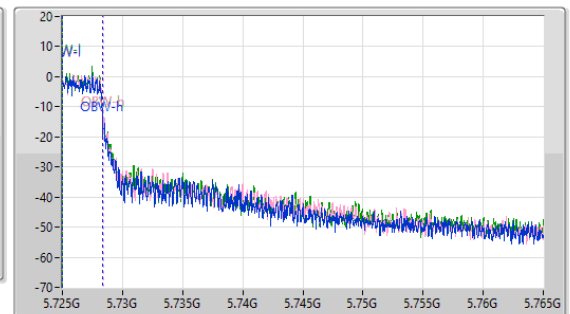
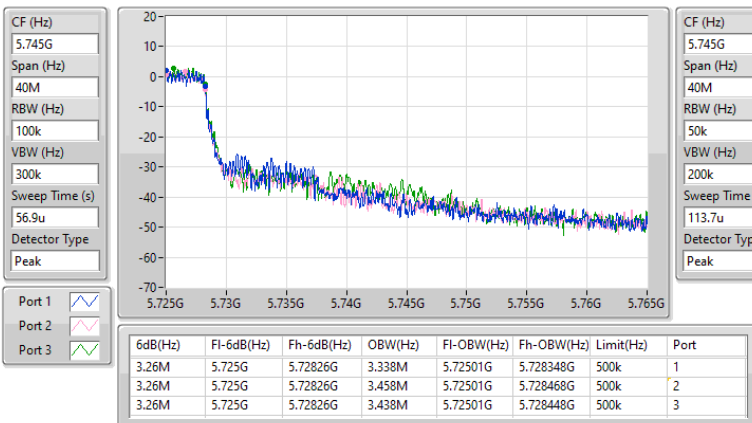


5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_3TX

EBW

5720MHz Straddle 5.725-5.85GHz

25/11/2024

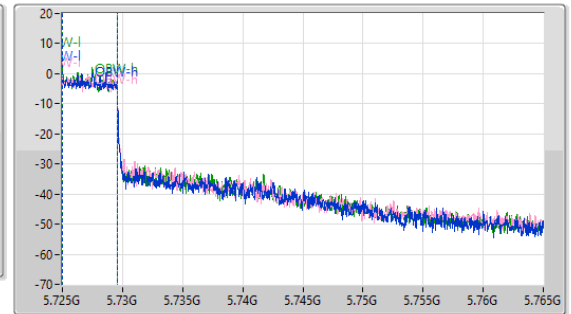
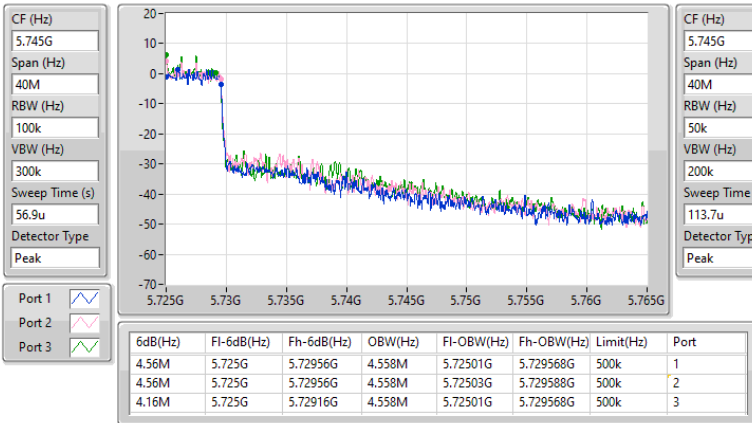


5.725-5.85GHz\_802.11be EHT20\_Nss1,(MCS0)\_3TX

EBW

5720MHz Straddle 5.725-5.85GHz

25/11/2024

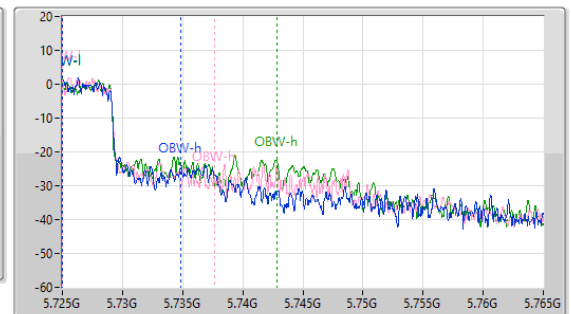
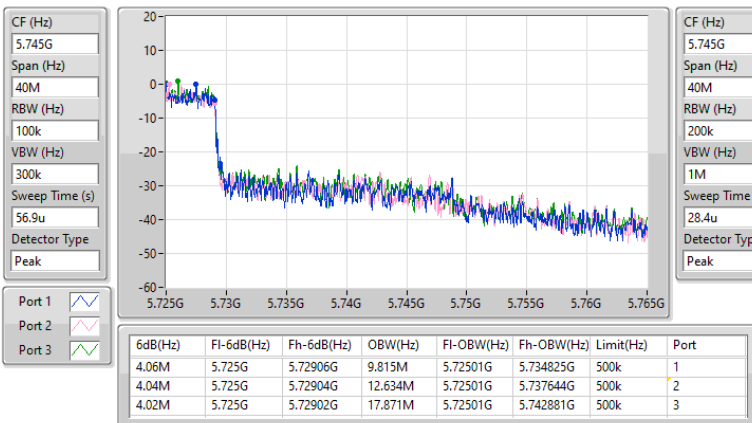


5.725-5.85GHz\_802.11be EHT40\_Nss1,(MCS0)\_3TX

EBW

5710MHz Straddle 5.725-5.85GHz

25/11/2024

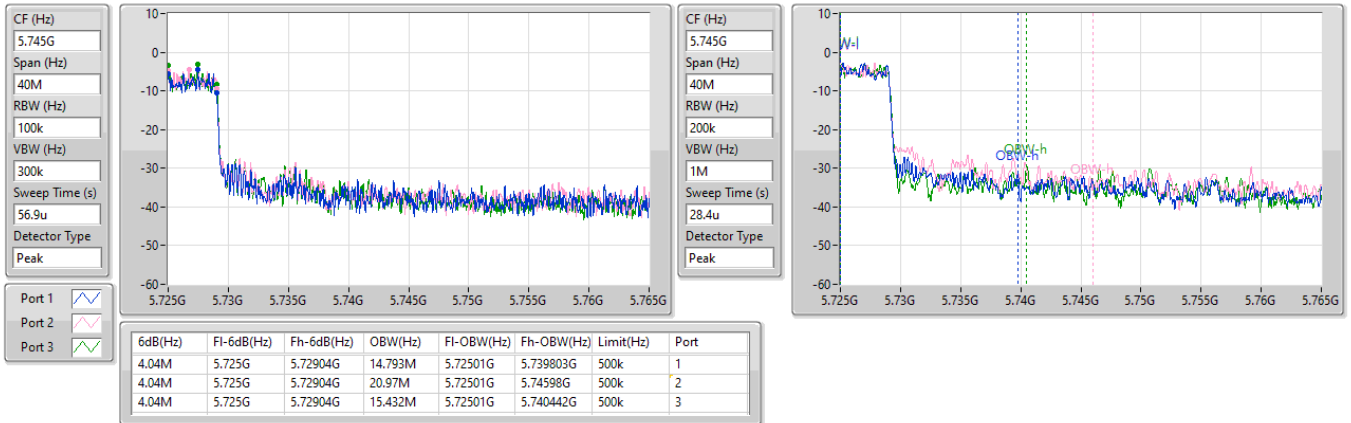


5.725-5.85GHz\_802.11be EHT80\_Nss1,(MCS0)\_3TX

EBW

5690MHz Straddle 5.725-5.85GHz

25/11/2024



## Summary

| Mode                            | Total Power<br>(dBm) | Total Power<br>(W) |
|---------------------------------|----------------------|--------------------|
| 5.15-5.25GHz                    | -                    | -                  |
| 802.11be EHT160_Nss1,(MCS0)_3TX | 14.09                | 0.02564            |
| 5.25-5.35GHz                    | -                    | -                  |
| 802.11a_Nss1,(6Mbps)_3TX        | 23.35                | 0.21627            |
| 802.11be EHT20_Nss1,(MCS0)_3TX  | 23.51                | 0.22439            |
| 802.11be EHT40_Nss1,(MCS0)_3TX  | 21.81                | 0.15171            |
| 802.11be EHT80_Nss1,(MCS0)_3TX  | 18.62                | 0.07278            |
| 802.11be EHT160_Nss1,(MCS0)_3TX | 14.30                | 0.02692            |
| 5.47-5.725GHz                   | -                    | -                  |
| 802.11a_Nss1,(6Mbps)_3TX        | 22.55                | 0.17989            |
| 802.11be EHT20_Nss1,(MCS0)_3TX  | 22.74                | 0.18793            |
| 802.11be EHT40_Nss1,(MCS0)_3TX  | 23.23                | 0.21038            |
| 802.11be EHT80_Nss1,(MCS0)_3TX  | 23.00                | 0.19953            |
| 802.11be EHT160_Nss1,(MCS0)_3TX | 17.84                | 0.06081            |
| 5.725-5.85GHz                   | -                    | -                  |
| 802.11a_Nss1,(6Mbps)_3TX        | 15.07                | 0.03214            |
| 802.11be EHT20_Nss1,(MCS0)_3TX  | 16.05                | 0.04027            |
| 802.11be EHT40_Nss1,(MCS0)_3TX  | 11.87                | 0.01538            |
| 802.11be EHT80_Nss1,(MCS0)_3TX  | 8.00                 | 0.00631            |



## Average Power\_Non-Beamforming

## Appendix B.1

### Result

| Mode                            | Result | DG    | Port 1 | Port 2 | Port 3 | Total Power | Power Limit |
|---------------------------------|--------|-------|--------|--------|--------|-------------|-------------|
|                                 |        | (dBi) | (dBm)  | (dBm)  | (dBm)  | (dBm)       | (dBm)       |
| 802.11a_Nss1,(6Mbps)_3TX        | -      | -     | -      | -      | -      | -           | -           |
| 5260MHz                         | Pass   | 5.98  | 18.27  | 18.93  | 18.50  | 23.35       | 23.59       |
| 5300MHz                         | Pass   | 5.98  | 18.23  | 18.77  | 18.36  | 23.23       | 23.54       |
| 5320MHz                         | Pass   | 5.98  | 17.38  | 17.84  | 17.42  | 22.32       | 23.56       |
| 5500MHz                         | Pass   | 6.25  | 16.78  | 17.49  | 17.67  | 22.10       | 23.29       |
| 5580MHz                         | Pass   | 6.25  | 17.38  | 17.98  | 17.95  | 22.55       | 23.29       |
| 5700MHz                         | Pass   | 6.25  | 15.52  | 16.07  | 16.24  | 20.73       | 23.31       |
| 5720MHz Straddle 5.47-5.725GHz  | Pass   | 6.25  | 16.68  | 17.03  | 17.37  | 21.81       | 22.15       |
| 5720MHz Straddle 5.725-5.85GHz  | Pass   | 5.60  | 9.84   | 10.31  | 10.71  | 15.07       | 30.00       |
| 802.11be EHT20_Nss1,(MCS0)_3TX  | -      | -     | -      | -      | -      | -           | -           |
| 5260MHz                         | Pass   | 5.98  | 18.45  | 19.10  | 18.63  | 23.51       | 23.95       |
| 5300MHz                         | Pass   | 5.98  | 18.39  | 18.77  | 18.50  | 23.33       | 23.94       |
| 5320MHz                         | Pass   | 5.98  | 17.03  | 17.22  | 16.97  | 21.85       | 23.92       |
| 5500MHz                         | Pass   | 6.25  | 16.55  | 17.12  | 17.32  | 21.78       | 23.66       |
| 5580MHz                         | Pass   | 6.25  | 17.58  | 18.22  | 18.08  | 22.74       | 23.68       |
| 5700MHz                         | Pass   | 6.25  | 14.83  | 15.45  | 15.78  | 20.14       | 23.67       |
| 5720MHz Straddle 5.47-5.725GHz  | Pass   | 6.25  | 16.59  | 17.13  | 17.59  | 21.89       | 22.41       |
| 5720MHz Straddle 5.725-5.85GHz  | Pass   | 5.60  | 10.89  | 11.37  | 11.54  | 16.05       | 30.00       |
| 802.11be EHT40_Nss1,(MCS0)_3TX  | -      | -     | -      | -      | -      | -           | -           |
| 5270MHz                         | Pass   | 5.98  | 16.82  | 17.35  | 16.93  | 21.81       | 23.98       |
| 5310MHz                         | Pass   | 5.98  | 15.46  | 15.82  | 15.22  | 20.28       | 23.98       |
| 5510MHz                         | Pass   | 6.25  | 15.40  | 16.08  | 16.21  | 20.68       | 23.73       |
| 5550MHz                         | Pass   | 6.25  | 15.89  | 16.67  | 16.87  | 21.27       | 23.73       |
| 5670MHz                         | Pass   | 6.25  | 16.06  | 16.61  | 16.29  | 21.10       | 23.73       |
| 5710MHz Straddle 5.47-5.725GHz  | Pass   | 6.25  | 18.03  | 18.62  | 18.71  | 23.23       | 23.73       |
| 5710MHz Straddle 5.725-5.85GHz  | Pass   | 5.60  | 6.72   | 7.18   | 7.38   | 11.87       | 30.00       |
| 802.11be EHT80_Nss1,(MCS0)_3TX  | -      | -     | -      | -      | -      | -           | -           |
| 5290MHz                         | Pass   | 5.98  | 13.71  | 14.17  | 13.66  | 18.62       | 23.98       |
| 5530MHz                         | Pass   | 6.25  | 13.23  | 13.84  | 14.07  | 18.50       | 23.73       |
| 5610MHz                         | Pass   | 6.25  | 15.47  | 15.99  | 15.91  | 20.57       | 23.73       |
| 5690MHz Straddle 5.47-5.725GHz  | Pass   | 6.25  | 17.96  | 18.54  | 18.18  | 23.00       | 23.73       |
| 5690MHz Straddle 5.725-5.85GHz  | Pass   | 5.60  | 2.89   | 3.43   | 3.34   | 8.00        | 30.00       |
| 802.11be EHT160_Nss1,(MCS0)_3TX | -      | -     | -      | -      | -      | -           | -           |
| 5250MHz Straddle 5.15-5.25GHz   | Pass   | 5.66  | 8.82   | 9.78   | 9.29   | 14.09       | 30.00       |
| 5250MHz Straddle 5.25-5.35GHz   | Pass   | 5.98  | 9.36   | 9.87   | 9.34   | 14.30       | 23.98       |
| 5570MHz                         | Pass   | 6.25  | 12.49  | 13.16  | 13.49  | 17.84       | 23.73       |

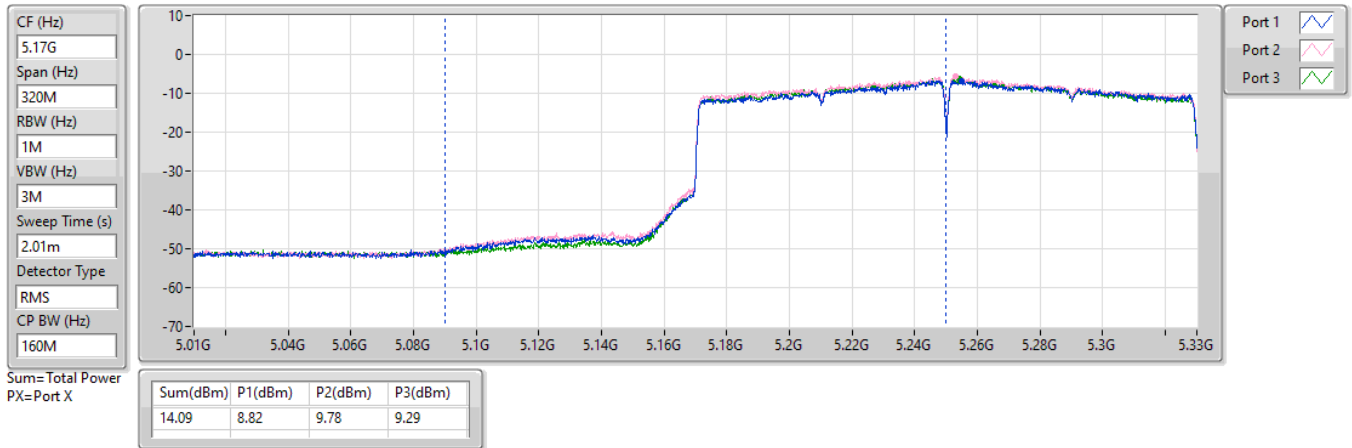
DG = Directional Gain; Port X = Port X output power  
Inf = There's no restriction for the limit.

5.15-5.25GHz\_802.11be EHT160\_Nss1,(MCS0)\_3TX

AV Power

5250MHz Straddle 5.15-5.25GHz\_TX

25/11/2024

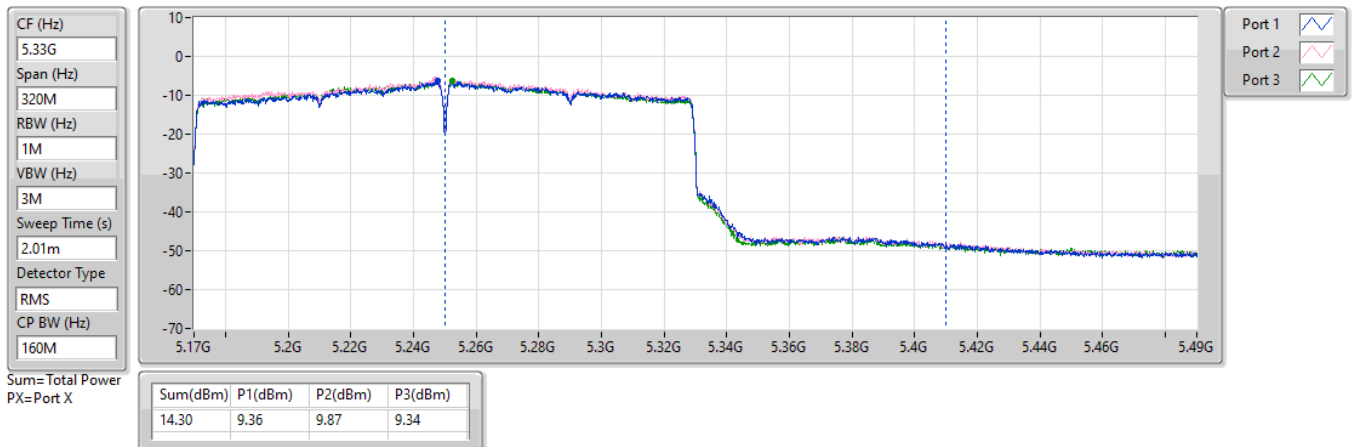


5.25-5.35GHz\_802.11be EHT160\_Nss1,(MCS0)\_3TX

AV Power

5250MHz Straddle 5.25-5.35GHz\_TX

25/11/2024

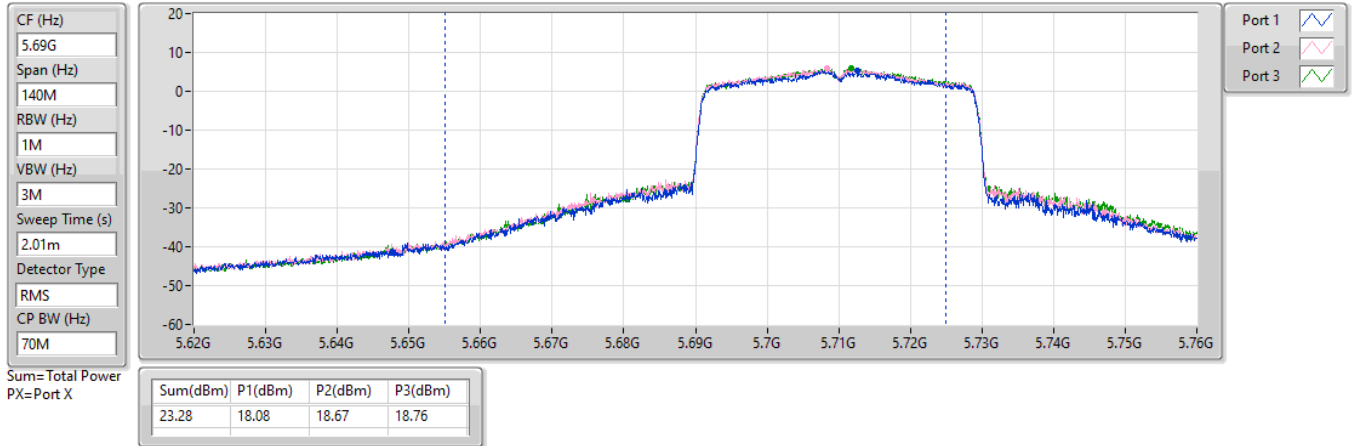


5.47-5.725GHz\_802.11be EHT40\_Nss1,(MCS0)\_3TX

AV Power

5710MHz Straddle 5.47-5.725GHz\_TX

25/11/2024

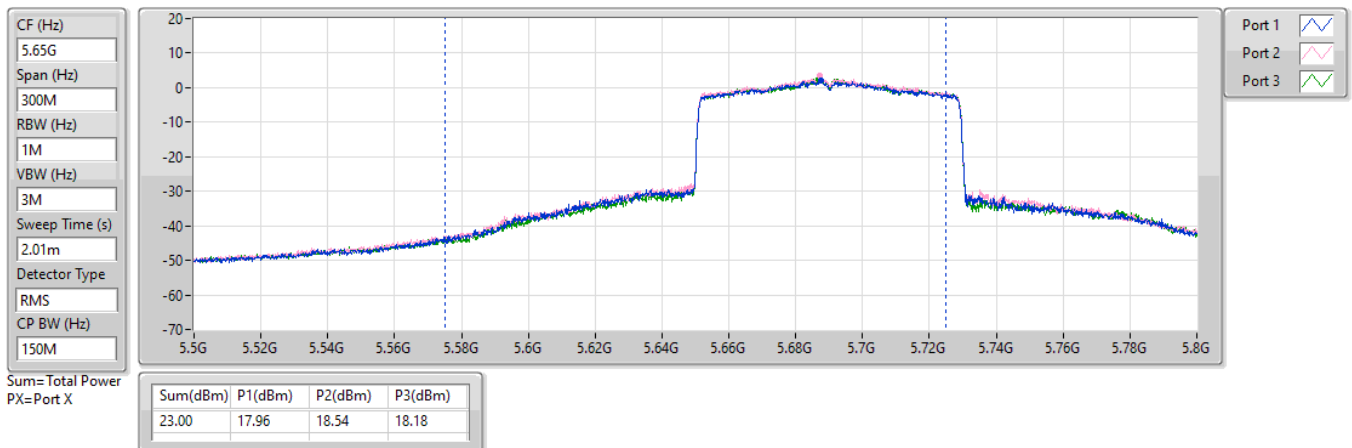


5.47-5.725GHz\_802.11be EHT80\_Nss1,(MCS0)\_3TX

AV Power

5690MHz Straddle 5.47-5.725GHz\_TX

25/11/2024

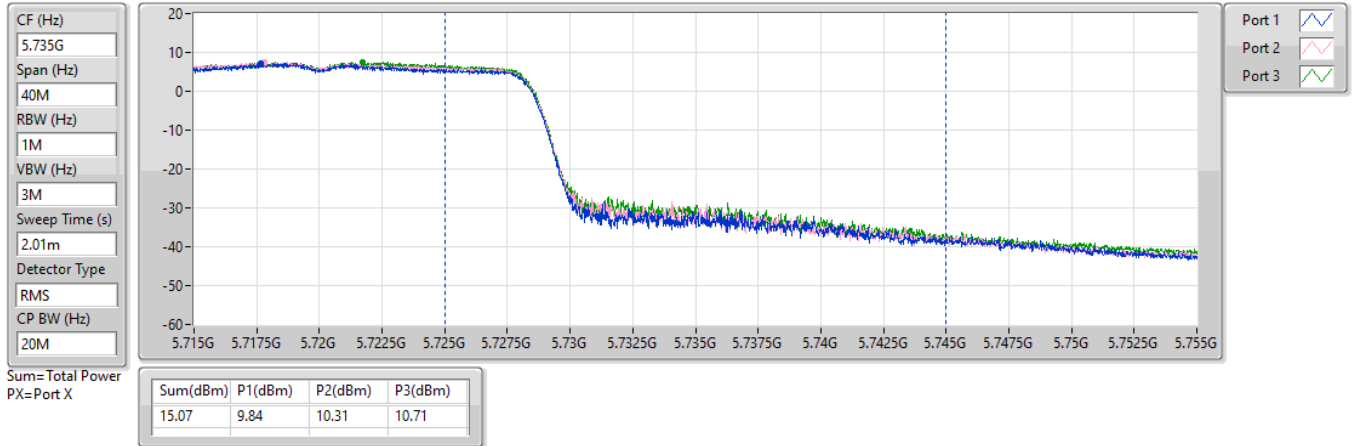


5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_3TX

AV Power

5720MHz Straddle 5.725-5.85GHz\_TX

25/11/2024

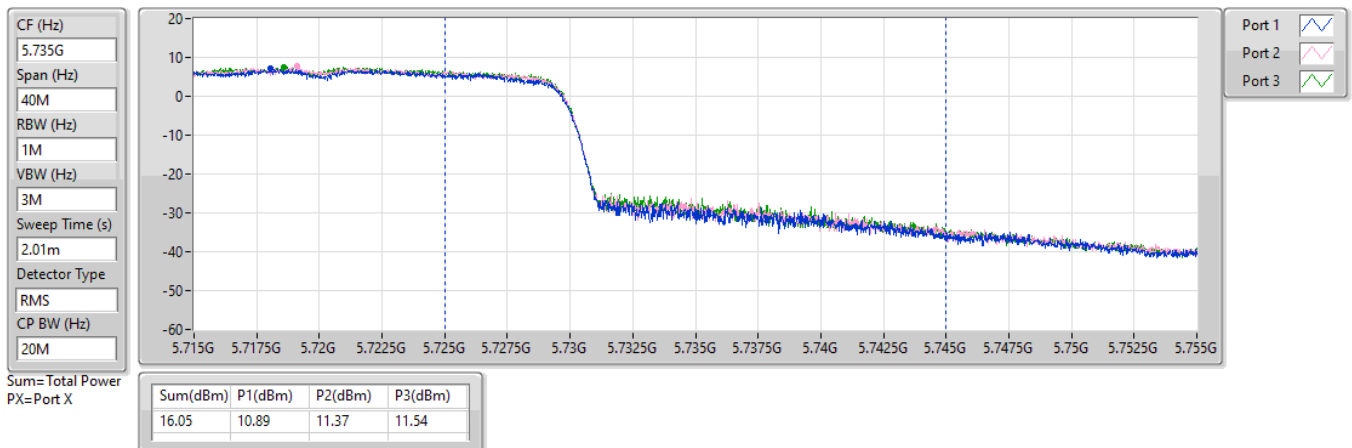


5.725-5.85GHz\_802.11be EHT20\_Nss1,(MCS0)\_3TX

AV Power

5720MHz Straddle 5.725-5.85GHz\_TX

25/11/2024

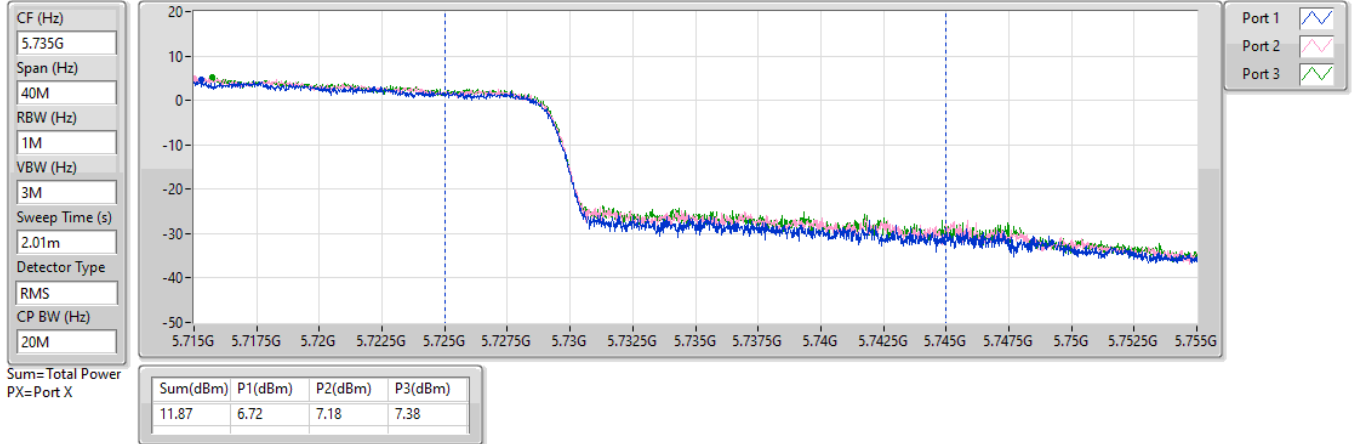


5.725-5.85GHz\_802.11be EHT40\_Nss1,(MCS0)\_3TX

AV Power

5710MHz Straddle 5.725-5.85GHz\_TX

25/11/2024

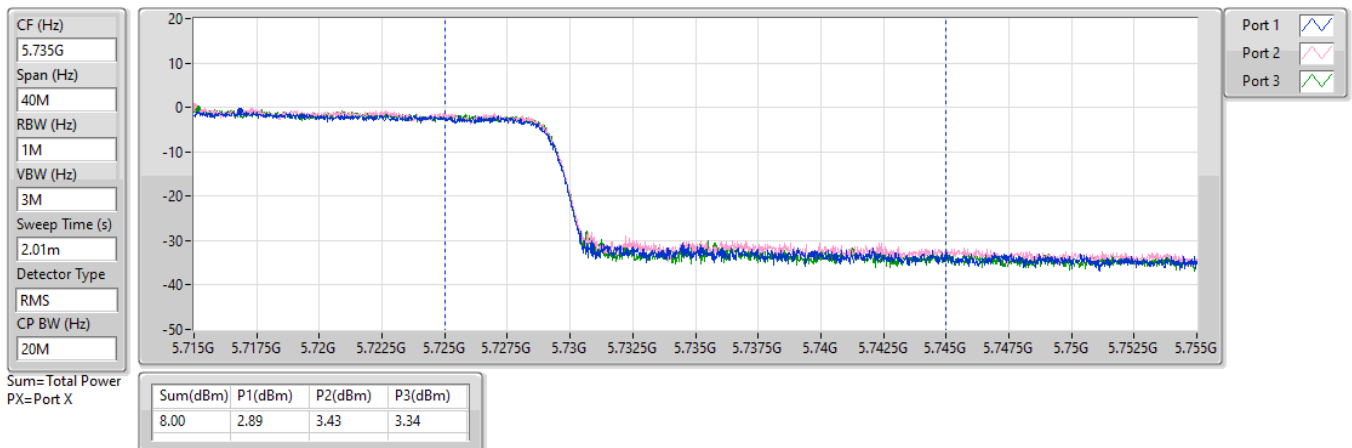


5.725-5.85GHz\_802.11be EHT80\_Nss1,(MCS0)\_3TX

AV Power

5690MHz Straddle 5.725-5.85GHz\_TX

25/11/2024



## Summary

| Mode                               | Total Power<br>(dBm) | Total Power<br>(W) |
|------------------------------------|----------------------|--------------------|
| 5.15-5.25GHz                       | -                    | -                  |
| 802.11be EHT160-BF_Nss1,(MCS0)_3TX | 14.09                | 0.02564            |
| 5.25-5.35GHz                       | -                    | -                  |
| 802.11be EHT20-BF_Nss1,(MCS0)_3TX  | 23.33                | 0.21528            |
| 802.11be EHT40-BF_Nss1,(MCS0)_3TX  | 21.81                | 0.15171            |
| 802.11be EHT80-BF_Nss1,(MCS0)_3TX  | 18.62                | 0.07278            |
| 802.11be EHT160-BF_Nss1,(MCS0)_3TX | 14.30                | 0.02692            |
| 5.47-5.725GHz                      | -                    | -                  |
| 802.11be EHT20-BF_Nss1,(MCS0)_3TX  | 22.11                | 0.16255            |
| 802.11be EHT40-BF_Nss1,(MCS0)_3TX  | 22.60                | 0.18197            |
| 802.11be EHT80-BF_Nss1,(MCS0)_3TX  | 22.38                | 0.17298            |
| 802.11be EHT160-BF_Nss1,(MCS0)_3TX | 17.84                | 0.06081            |
| 5.725-5.85GHz                      | -                    | -                  |
| 802.11be EHT20-BF_Nss1,(MCS0)_3TX  | 15.78                | 0.03784            |
| 802.11be EHT40-BF_Nss1,(MCS0)_3TX  | 11.59                | 0.01442            |
| 802.11be EHT80-BF_Nss1,(MCS0)_3TX  | 7.64                 | 0.00581            |



**Result**

| Mode                               | Result | DG    | Port 1 | Port 2 | Port 3 | Total Power | Power Limit |
|------------------------------------|--------|-------|--------|--------|--------|-------------|-------------|
|                                    |        | (dBi) | (dBm)  | (dBm)  | (dBm)  | (dBm)       | (dBm)       |
| 802.11be EHT20-BF_Nss1,(MCS0)_3TX  | -      | -     | -      | -      | -      | -           | -           |
| 5260MHz                            | Pass   | 6.05  | 17.81  | 18.48  | 18.01  | 22.88       | 23.90       |
| 5300MHz                            | Pass   | 6.05  | 18.39  | 18.77  | 18.50  | 23.33       | 23.89       |
| 5320MHz                            | Pass   | 6.05  | 17.03  | 17.22  | 16.97  | 21.85       | 23.87       |
| 5500MHz                            | Pass   | 6.74  | 16.55  | 17.12  | 17.32  | 21.78       | 23.17       |
| 5580MHz                            | Pass   | 6.74  | 16.95  | 17.57  | 17.48  | 22.11       | 23.19       |
| 5700MHz                            | Pass   | 6.74  | 14.83  | 15.45  | 15.78  | 20.14       | 23.18       |
| 5720MHz Straddle 5.47-5.725GHz     | Pass   | 6.74  | 15.99  | 16.53  | 16.99  | 21.29       | 21.92       |
| 5720MHz Straddle 5.725-5.85GHz     | Pass   | 5.75  | 10.66  | 11.12  | 11.23  | 15.78       | 30.00       |
| 802.11be EHT40-BF_Nss1,(MCS0)_3TX  | -      | -     | -      | -      | -      | -           | -           |
| 5270MHz                            | Pass   | 6.05  | 16.82  | 17.35  | 16.93  | 21.81       | 23.93       |
| 5310MHz                            | Pass   | 6.05  | 15.46  | 15.82  | 15.22  | 20.28       | 23.93       |
| 5510MHz                            | Pass   | 6.74  | 15.40  | 16.08  | 16.21  | 20.68       | 23.24       |
| 5550MHz                            | Pass   | 6.74  | 15.89  | 16.67  | 16.87  | 21.27       | 23.24       |
| 5670MHz                            | Pass   | 6.74  | 16.06  | 16.61  | 16.29  | 21.10       | 23.24       |
| 5710MHz Straddle 5.47-5.725GHz     | Pass   | 6.74  | 17.38  | 17.97  | 18.10  | 22.60       | 23.24       |
| 5710MHz Straddle 5.725-5.85GHz     | Pass   | 5.75  | 6.44   | 7.02   | 6.98   | 11.59       | 30.00       |
| 802.11be EHT80-BF_Nss1,(MCS0)_3TX  | -      | -     | -      | -      | -      | -           | -           |
| 5290MHz                            | Pass   | 6.05  | 13.71  | 14.17  | 13.66  | 18.62       | 23.93       |
| 5530MHz                            | Pass   | 6.74  | 13.23  | 13.84  | 14.07  | 18.50       | 23.24       |
| 5610MHz                            | Pass   | 6.74  | 15.47  | 15.99  | 15.91  | 20.57       | 23.24       |
| 5690MHz Straddle 5.47-5.725GHz     | Pass   | 6.74  | 17.34  | 17.89  | 17.57  | 22.38       | 23.24       |
| 5690MHz Straddle 5.725-5.85GHz     | Pass   | 5.75  | 2.44   | 3.12   | 3.02   | 7.64        | 30.00       |
| 802.11be EHT160-BF_Nss1,(MCS0)_3TX | -      | -     | -      | -      | -      | -           | -           |
| 5250MHz Straddle 5.15-5.25GHz      | Pass   | 5.91  | 8.82   | 9.78   | 9.29   | 14.09       | 30.00       |
| 5250MHz Straddle 5.25-5.35GHz      | Pass   | 6.05  | 9.36   | 9.87   | 9.34   | 14.30       | 23.93       |
| 5570MHz                            | Pass   | 6.74  | 12.49  | 13.16  | 13.49  | 17.84       | 23.24       |

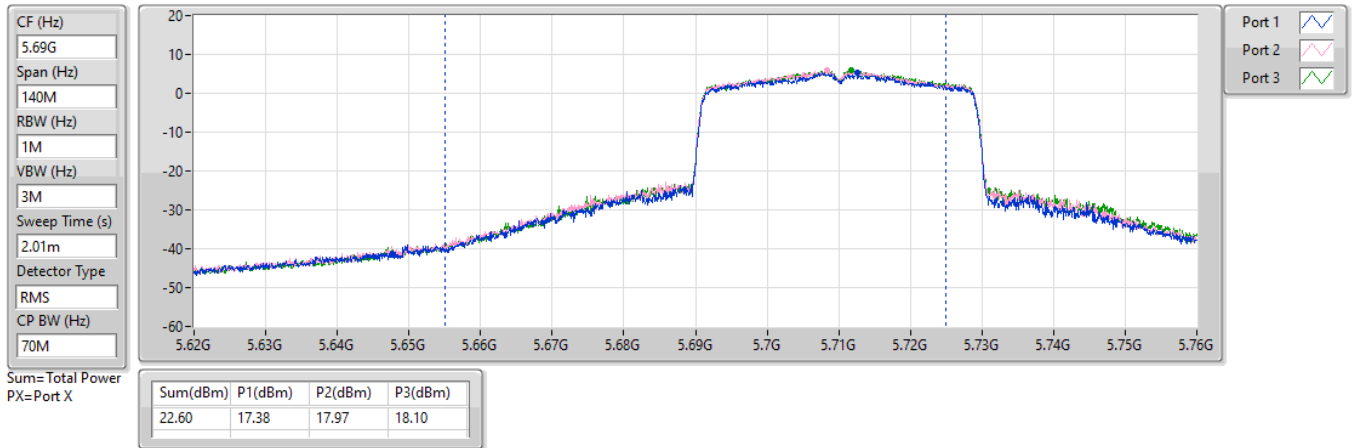
DG = Directional Gain; Port X = Port X output power  
Inf = There's no restriction for the limit.

5.47-5.725GHz\_802.11be EHT40-BF\_Nss1,(MCS0)\_3TX

AV Power

5710MHz Straddle 5.47-5.725GHz\_TX

25/11/2024

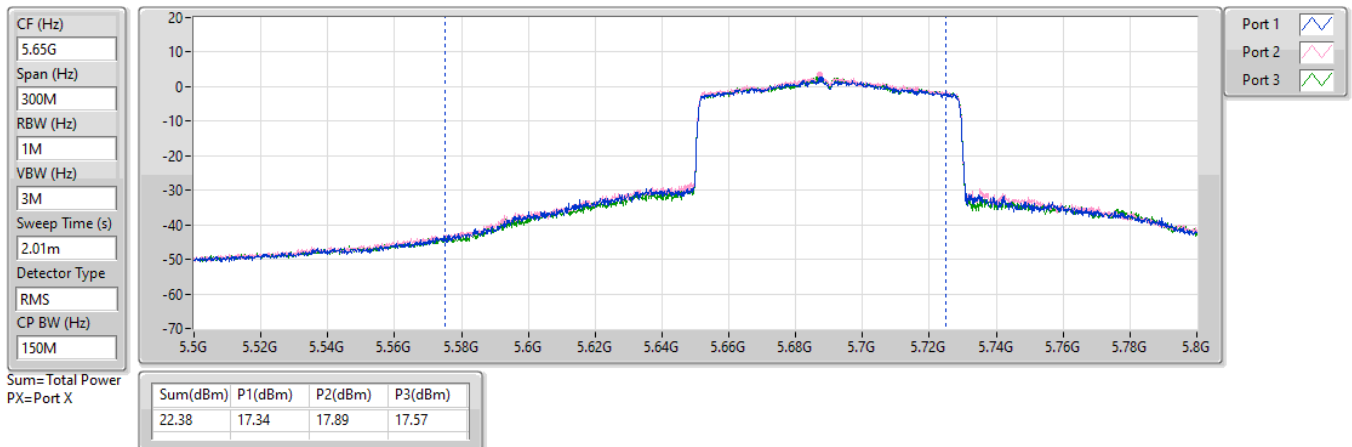


5.47-5.725GHz\_802.11be EHT80-BF\_Nss1,(MCS0)\_3TX

AV Power

5690MHz Straddle 5.47-5.725GHz\_TX

25/11/2024

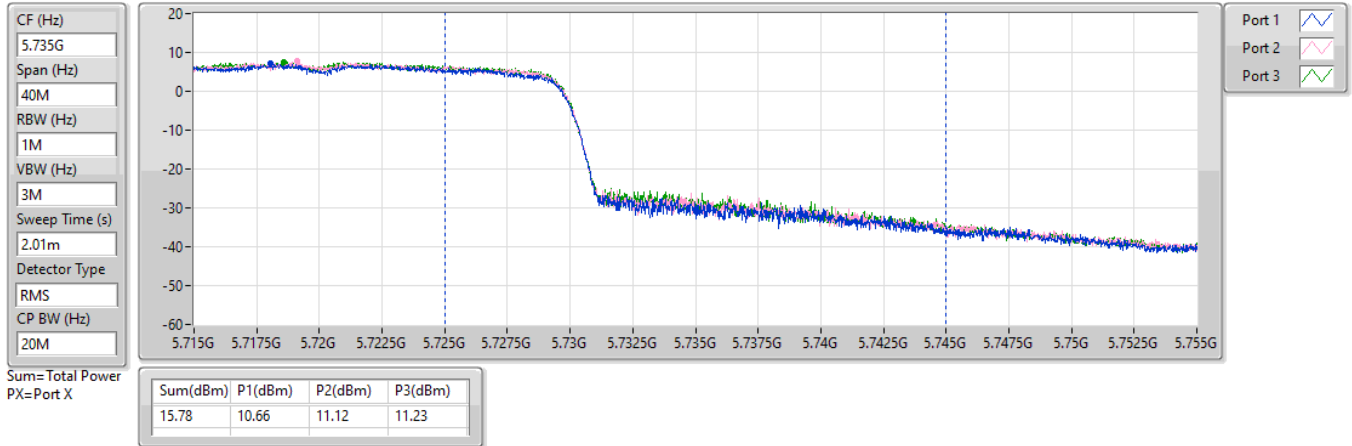


5.725-5.85GHz\_802.11be EHT20-BF\_Nss1,(MCS0)\_3TX

AV Power

5720MHz Straddle 5.725-5.85GHz\_TX

25/11/2024

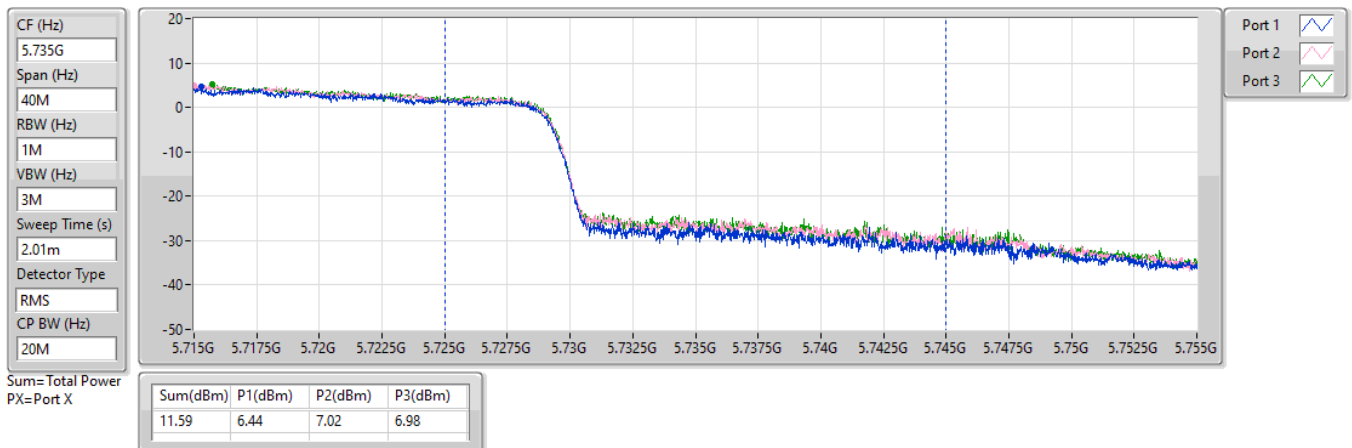


5.725-5.85GHz\_802.11be EHT40-BF\_Nss1,(MCS0)\_3TX

AV Power

5710MHz Straddle 5.725-5.85GHz\_TX

25/11/2024



5.725-5.85GHz\_802.11be EHT80-BF\_Nss1,(MCS0)\_3TX

AV Power

5690MHz Straddle 5.725-5.85GHz\_TX

25/11/2024





Summary

| Mode                            | PD<br>(dBm/RBW) |
|---------------------------------|-----------------|
| 5.15-5.25GHz                    | -               |
| 802.11be EHT160_Nss1,(MCS0)_3TX | -3.43           |
| 5.25-5.35GHz                    | -               |
| 802.11a_Nss1,(6Mbps)_3TX        | 10.64           |
| 802.11be EHT20_Nss1,(MCS0)_3TX  | 10.79           |
| 802.11be EHT40_Nss1,(MCS0)_3TX  | 7.01            |
| 802.11be EHT80_Nss1,(MCS0)_3TX  | 0.95            |
| 802.11be EHT160_Nss1,(MCS0)_3TX | -3.47           |
| 5.47-5.725GHz                   | -               |
| 802.11a_Nss1,(6Mbps)_3TX        | 10.22           |
| 802.11be EHT20_Nss1,(MCS0)_3TX  | 10.06           |
| 802.11be EHT40_Nss1,(MCS0)_3TX  | 8.46            |
| 802.11be EHT80_Nss1,(MCS0)_3TX  | 5.17            |
| 802.11be EHT160_Nss1,(MCS0)_3TX | -2.42           |
| 5.725-5.85GHz                   | -               |
| 802.11a_Nss1,(6Mbps)_3TX        | 7.55            |
| 802.11be EHT20_Nss1,(MCS0)_3TX  | 7.69            |
| 802.11be EHT40_Nss1,(MCS0)_3TX  | 3.71            |
| 802.11be EHT80_Nss1,(MCS0)_3TX  | -0.25           |

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

**Result**

| Mode                            | Result | DG    | Port 1    | Port 2    | Port 3    | PD        | PD Limit  |
|---------------------------------|--------|-------|-----------|-----------|-----------|-----------|-----------|
|                                 |        | (dBi) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 802.11a_Nss1,(6Mbps)_3TX        | -      | -     | -         | -         | -         | -         | -         |
| 5260MHz                         | Pass   | 6.05  | 5.68      | 6.22      | 5.85      | 10.64     | 10.95     |
| 5300MHz                         | Pass   | 6.05  | 5.60      | 5.98      | 5.68      | 10.51     | 10.95     |
| 5320MHz                         | Pass   | 6.05  | 4.83      | 5.07      | 4.60      | 9.57      | 10.95     |
| 5500MHz                         | Pass   | 6.74  | 4.32      | 4.95      | 5.09      | 9.52      | 10.26     |
| 5580MHz                         | Pass   | 6.74  | 5.07      | 5.51      | 5.47      | 10.03     | 10.26     |
| 5700MHz                         | Pass   | 6.74  | 3.11      | 3.46      | 3.61      | 8.11      | 10.26     |
| 5720MHz Straddle 5.47-5.725GHz  | Pass   | 6.74  | 5.09      | 5.58      | 5.86      | 10.22     | 10.26     |
| 5720MHz Straddle 5.725-5.85GHz  | Pass   | 5.75  | 2.32      | 2.88      | 3.22      | 7.55      | 30.00     |
| 802.11be EHT20_Nss1,(MCS0)_3TX  | -      | -     | -         | -         | -         | -         | -         |
| 5260MHz                         | Pass   | 6.05  | 5.85      | 6.34      | 5.99      | 10.79     | 10.95     |
| 5300MHz                         | Pass   | 6.05  | 5.69      | 6.11      | 5.78      | 10.59     | 10.95     |
| 5320MHz                         | Pass   | 6.05  | 4.41      | 4.56      | 4.17      | 9.01      | 10.95     |
| 5500MHz                         | Pass   | 6.74  | 3.93      | 4.49      | 4.63      | 9.08      | 10.26     |
| 5580MHz                         | Pass   | 6.74  | 5.02      | 5.55      | 5.50      | 10.06     | 10.26     |
| 5700MHz                         | Pass   | 6.74  | 2.21      | 2.76      | 3.10      | 7.40      | 10.26     |
| 5720MHz Straddle 5.47-5.725GHz  | Pass   | 6.74  | 4.75      | 5.22      | 5.64      | 9.93      | 10.26     |
| 5720MHz Straddle 5.725-5.85GHz  | Pass   | 5.75  | 2.63      | 3.09      | 3.11      | 7.69      | 30.00     |
| 802.11be EHT40_Nss1,(MCS0)_3TX  | -      | -     | -         | -         | -         | -         | -         |
| 5270MHz                         | Pass   | 6.05  | 2.17      | 2.56      | 2.17      | 7.01      | 10.95     |
| 5310MHz                         | Pass   | 6.05  | 0.65      | 0.91      | 0.31      | 5.35      | 10.95     |
| 5510MHz                         | Pass   | 6.74  | 0.71      | 1.26      | 1.38      | 5.86      | 10.26     |
| 5550MHz                         | Pass   | 6.74  | 1.12      | 1.83      | 2.04      | 6.43      | 10.26     |
| 5670MHz                         | Pass   | 6.74  | 1.38      | 1.86      | 1.43      | 6.29      | 10.26     |
| 5710MHz Straddle 5.47-5.725GHz  | Pass   | 6.74  | 3.32      | 3.91      | 3.91      | 8.46      | 10.26     |
| 5710MHz Straddle 5.725-5.85GHz  | Pass   | 5.75  | -1.45     | -0.87     | -0.82     | 3.71      | 30.00     |
| 802.11be EHT80_Nss1,(MCS0)_3TX  | -      | -     | -         | -         | -         | -         | -         |
| 5290MHz                         | Pass   | 6.05  | -3.79     | -3.53     | -4.03     | 0.95      | 10.95     |
| 5530MHz                         | Pass   | 6.74  | -4.26     | -3.55     | -3.46     | 0.99      | 10.26     |
| 5610MHz                         | Pass   | 6.74  | -1.88     | -1.41     | -1.71     | 3.09      | 10.26     |
| 5690MHz Straddle 5.47-5.725GHz  | Pass   | 6.74  | 0.19      | 0.81      | 0.24      | 5.17      | 10.26     |
| 5690MHz Straddle 5.725-5.85GHz  | Pass   | 5.75  | -5.25     | -4.86     | -4.92     | -0.25     | 30.00     |
| 802.11be EHT160_Nss1,(MCS0)_3TX | -      | -     | -         | -         | -         | -         | -         |
| 5250MHz Straddle 5.15-5.25GHz   | Pass   | 5.91  | -8.53     | -7.72     | -8.37     | -3.43     | 17.00     |
| 5250MHz Straddle 5.25-5.35GHz   | Pass   | 6.05  | -8.49     | -7.82     | -8.45     | -3.47     | 10.95     |
| 5570MHz                         | Pass   | 6.74  | -7.82     | -7.24     | -6.51     | -2.42     | 10.26     |

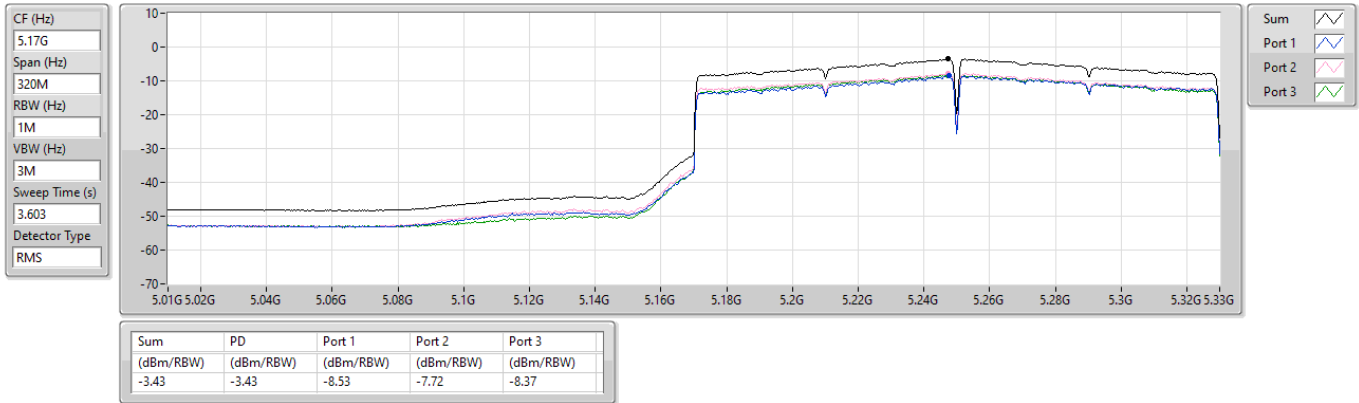
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;  
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;  
 Inf = There's no restriction for the limit.

5.15-5.25GHz\_802.11be EHT160\_Nss1,(MCS0)\_3TX

PSD

5250MHz Straddle 5.15-5.25GHz

25/11/2024

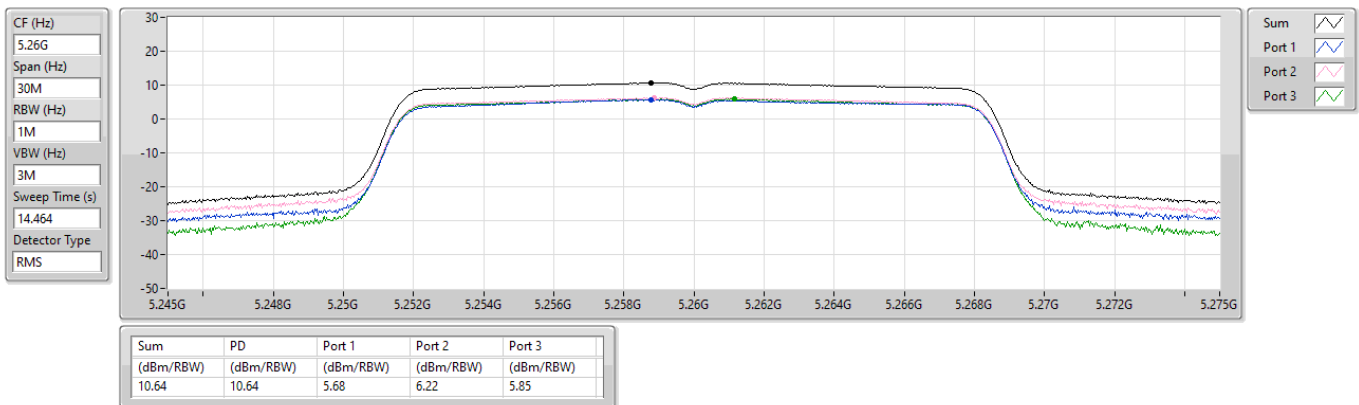


5.25-5.35GHz\_802.11a\_Nss1,(6Mbps)\_3TX

PSD

5260MHz

25/11/2024



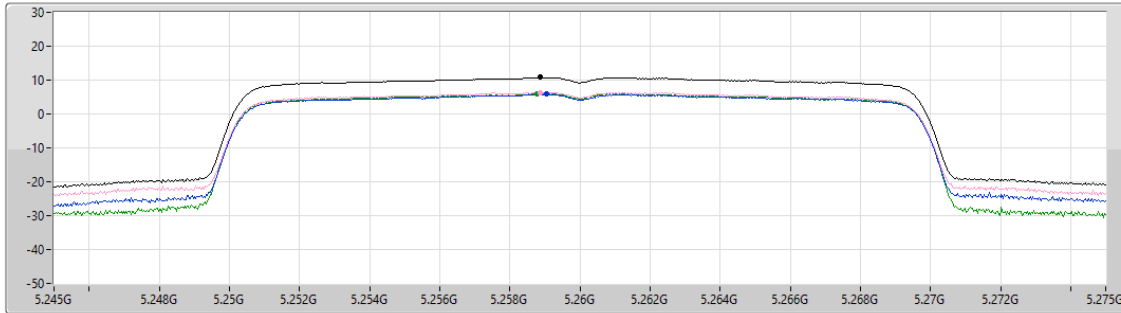
5.25-5.35GHz\_802.11be EHT20\_Nss1,(MCS0)\_3TX

PSD

5260MHz

25/11/2024

CF (Hz)  
5.26G  
Span (Hz)  
30M  
RBW (Hz)  
1M  
VBW (Hz)  
3M  
Sweep Time (s)  
4.229  
Detector Type  
RMS



Sum  
Port 1  
Port 2  
Port 3

| Sum       | PD        | Port 1    | Port 2    | Port 3    |
|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 10.79     | 10.79     | 5.85      | 6.34      | 5.99      |

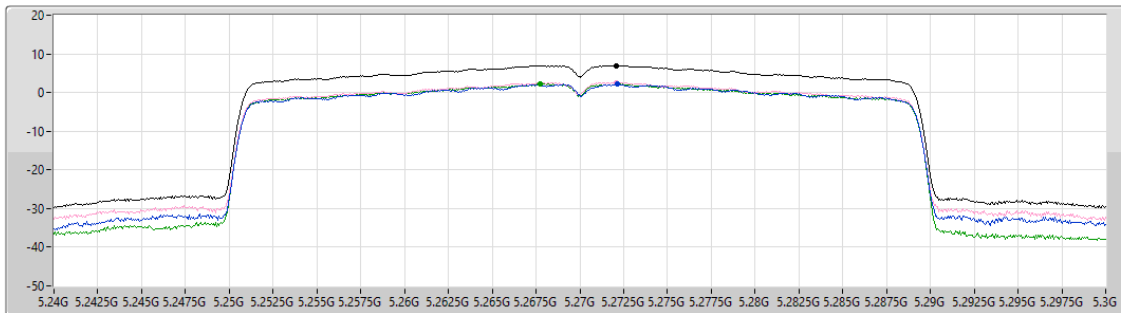
5.25-5.35GHz\_802.11be EHT40\_Nss1,(MCS0)\_3TX

PSD

5270MHz

25/11/2024

CF (Hz)  
5.27G  
Span (Hz)  
60M  
RBW (Hz)  
1M  
VBW (Hz)  
3M  
Sweep Time (s)  
4.129  
Detector Type  
RMS



Sum  
Port 1  
Port 2  
Port 3

| Sum       | PD        | Port 1    | Port 2    | Port 3    |
|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 7.01      | 7.01      | 2.17      | 2.56      | 2.17      |

5.25-5.35GHz\_802.11be EHT80\_Nss1,(MCS0)\_3TX

PSD

5290MHz

25/11/2024

CF (Hz)  
5.29G

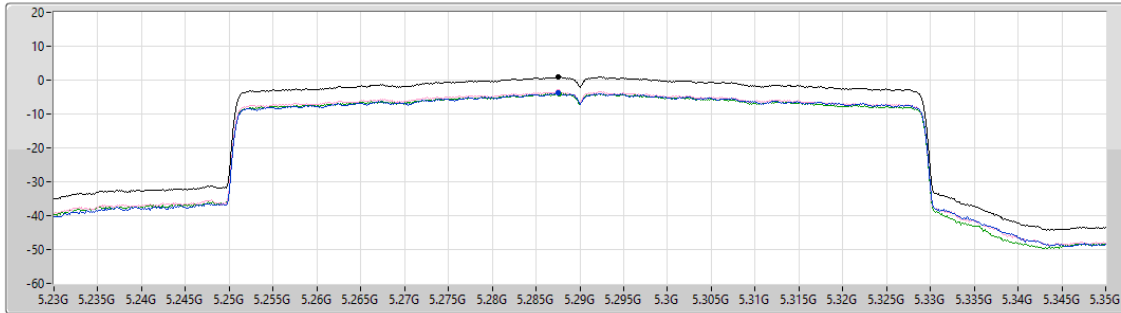
Span (Hz)  
120M

RBW (Hz)  
1M

VBW (Hz)  
3M

Sweep Time (s)  
4.029

Detector Type  
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Port 3 ☒

| Sum      | PD       | Port 1   | Port 2   | Port 3   |
|----------|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 0.95     | 0.95     | -3.79    | -3.53    | -4.03    |

5.25-5.35GHz\_802.11be EHT160\_Nss1,(MCS0)\_3TX

PSD

5250MHz Straddle 5.25-5.35GHz

25/11/2024

CF (Hz)  
5.33G

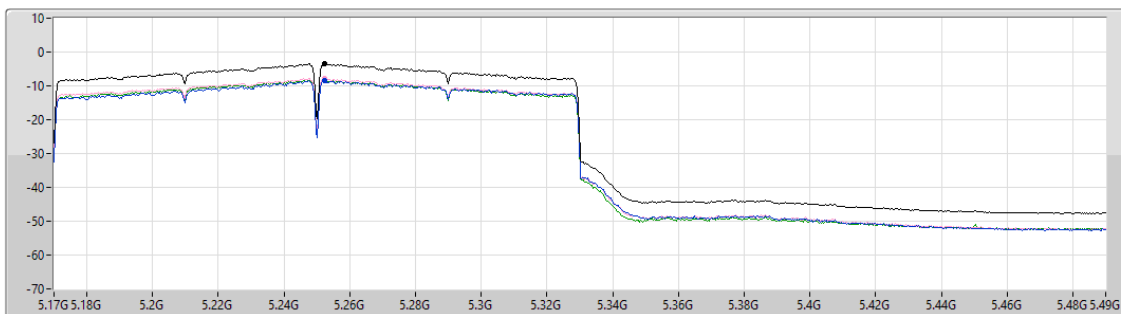
Span (Hz)  
320M

RBW (Hz)  
1M

VBW (Hz)  
3M

Sweep Time (s)  
3.603

Detector Type  
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Port 3 ☒

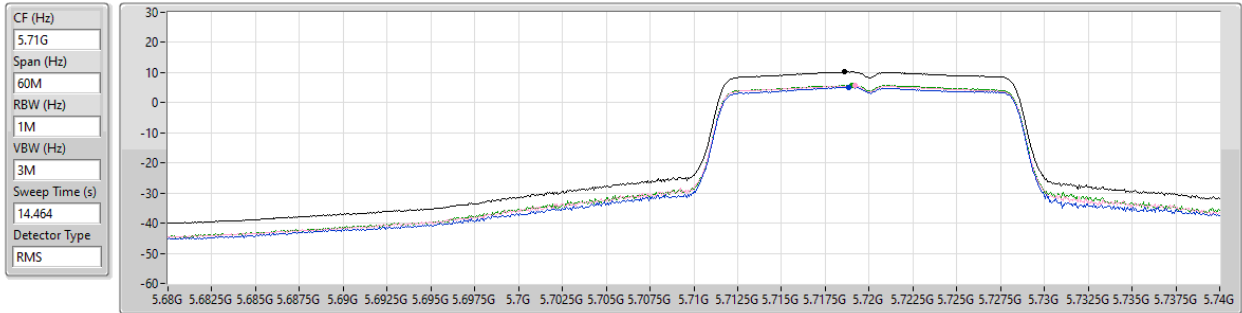
| Sum      | PD       | Port 1   | Port 2   | Port 3   |
|----------|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -3.47    | -3.47    | -8.49    | -7.82    | -8.45    |

5.47-5.725GHz\_802.11a\_Nss1,(6Mbps)\_3TX

PSD

5720MHz Straddle 5.47-5.725GHz

25/11/2024



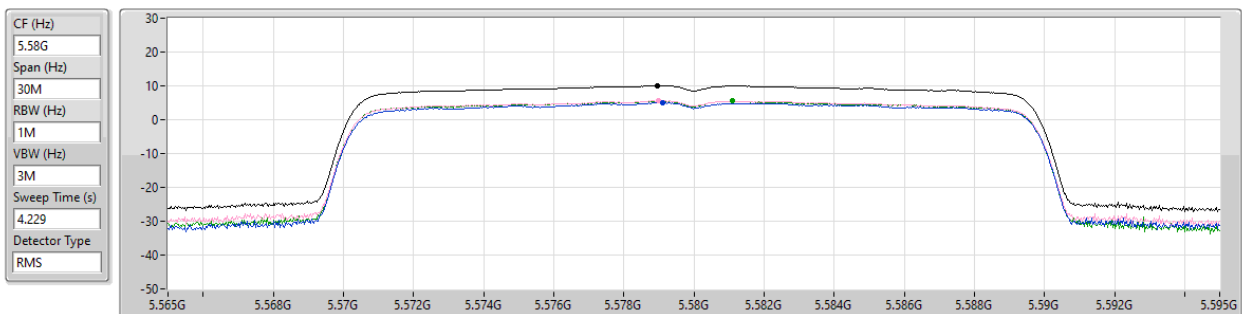
| Sum      | PD       | Port 1   | Port 2   | Port 3   |
|----------|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 10.22    | 10.22    | 5.09     | 5.58     | 5.86     |

5.47-5.725GHz\_802.11be EHT20\_Nss1,(MCS0)\_3TX

PSD

5580MHz

25/11/2024



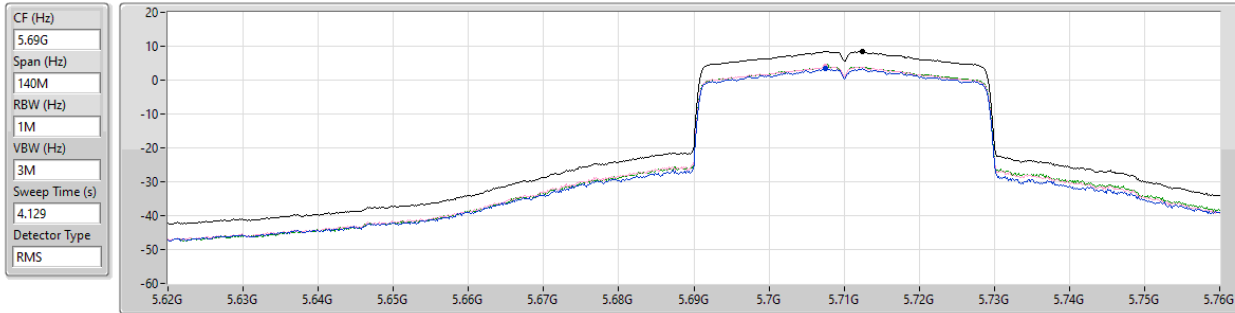
| Sum      | PD       | Port 1   | Port 2   | Port 3   |
|----------|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 10.06    | 10.06    | 5.02     | 5.55     | 5.50     |

5.47-5.725GHz\_802.11be EHT40\_Nss1,(MCS0)\_3TX

PSD

5710MHz Straddle 5.47-5.725GHz

25/11/2024



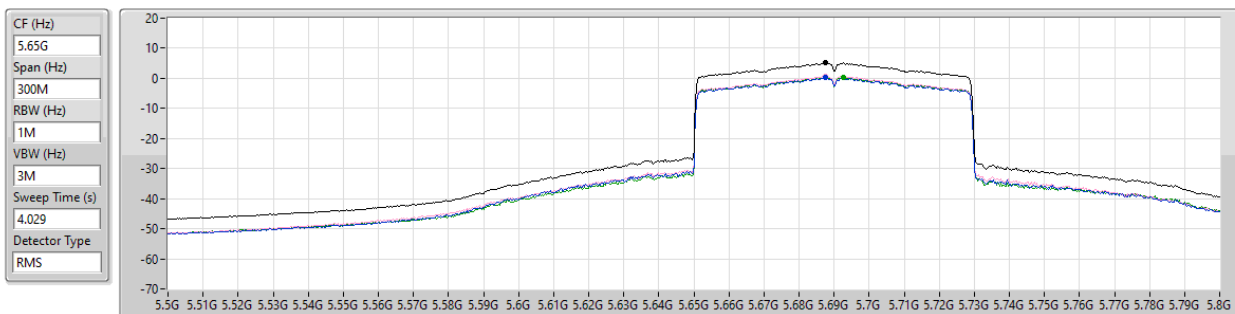
| Sum      | PD       | Port 1   | Port 2   | Port 3   |
|----------|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 8.46     | 8.46     | 3.32     | 3.91     | 3.91     |

5.47-5.725GHz\_802.11be EHT80\_Nss1,(MCS0)\_3TX

PSD

5690MHz Straddle 5.47-5.725GHz

25/11/2024



| Sum      | PD       | Port 1   | Port 2   | Port 3   |
|----------|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 5.17     | 5.17     | 0.19     | 0.81     | 0.24     |

5.47-5.725GHz\_802.11be EHT160\_Nss1,(MCS0)\_3TX

PSD

5570MHz

25/11/2024

CF (Hz)  
5.57G

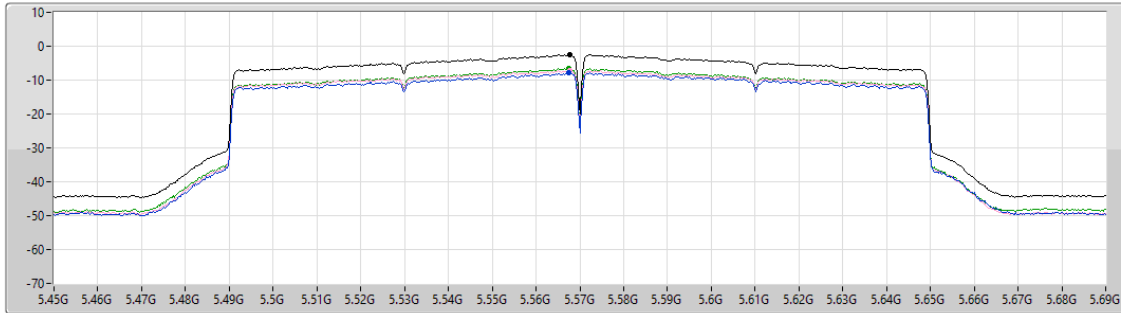
Span (Hz)  
240M

RBW (Hz)  
1M

VBW (Hz)  
3M

Sweep Time (s)  
3.603

Detector Type  
RMS



Sum

Port 1

Port 2

Port 3

| Sum      | PD       | Port 1   | Port 2   | Port 3   |
|----------|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -2.42    | -2.42    | -7.82    | -7.24    | -6.51    |

5.725-5.85GHz\_802.11a\_Nss1,(6Mbps)\_3TX

PSD

5720MHz Straddle 5.725-5.85GHz

25/11/2024

CF (Hz)  
5.735G

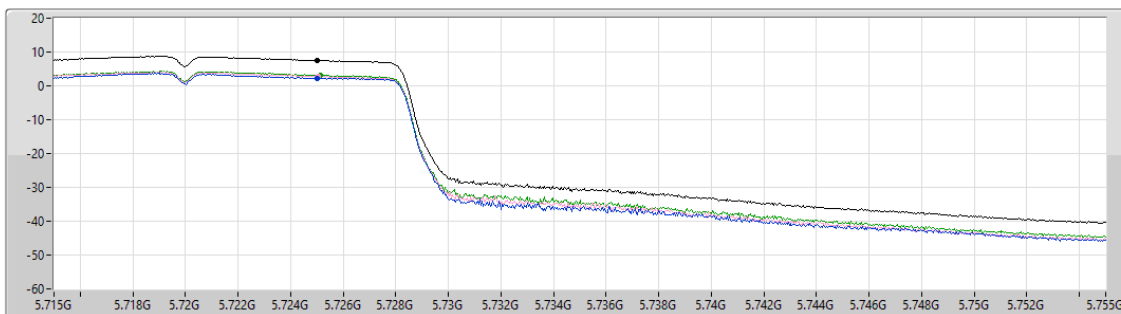
Span (Hz)  
40M

RBW (Hz)  
500k

VBW (Hz)  
3M

Sweep Time (s)  
14.464

Detector Type  
RMS



Sum

Port 1

Port 2

Port 3

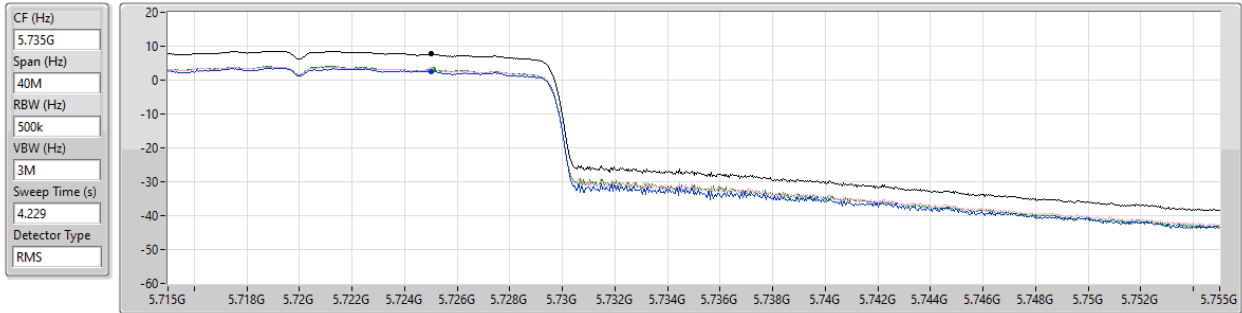
| Sum      | PD       | Port 1   | Port 2   | Port 3   |
|----------|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 7.55     | 7.55     | 2.32     | 2.88     | 3.22     |

5.725-5.85GHz\_802.11be EHT20\_Nss1,(MCS0)\_3TX

PSD

5720MHz Straddle 5.725-5.85GHz

25/11/2024



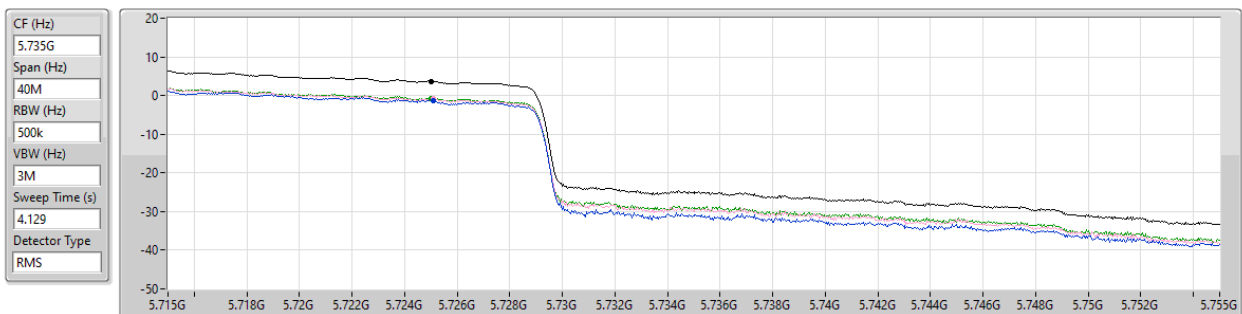
| Sum       | PD        | Port 1    | Port 2    | Port 3    |
|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 7.69      | 7.69      | 2.63      | 3.09      | 3.11      |

5.725-5.85GHz\_802.11be EHT40\_Nss1,(MCS0)\_3TX

PSD

5710MHz Straddle 5.725-5.85GHz

25/11/2024



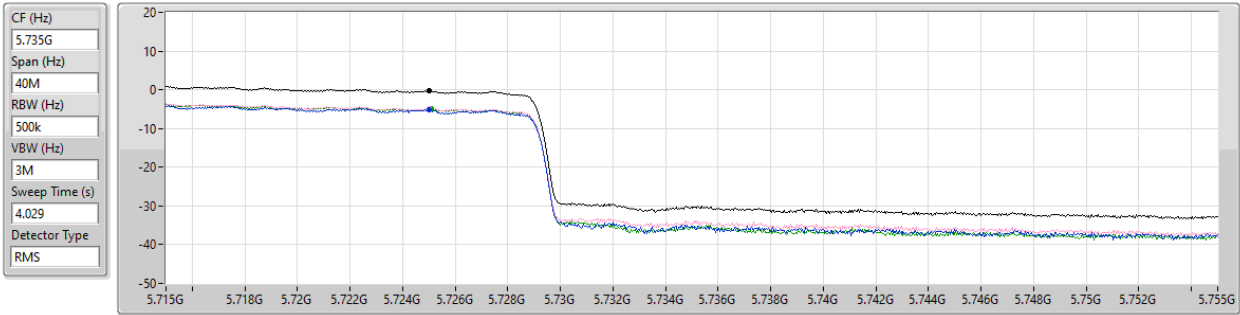
| Sum       | PD        | Port 1    | Port 2    | Port 3    |
|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 3.71      | 3.71      | -1.45     | -0.87     | -0.82     |

5.725-5.85GHz\_802.11be EHT80\_Nss1,(MCS0)\_3TX

PSD

5690MHz Straddle 5.725-5.85GHz

25/11/2024



| Sum       | PD        | Port 1    | Port 2    | Port 3    |
|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -0.25     | -0.25     | -5.25     | -4.86     | -4.92     |

## 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) |
|---------------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|
| 5.25-5.35GHz                    | -      | -    | -            | -                 | -                 | -              | -           | -          | -              | -             |
| 802.11a_Nss1,(6Mbps)_3TX        | Pass   | AV   | 5.35G        | 53.09             | 54.00             | -0.91          | 3           | Horizontal | 29             | 1.81          |
| 802.11be EHT20_Nss1,(MCS0)_3TX  | Pass   | AV   | 5.351G       | 52.40             | 54.00             | -1.60          | 3           | Horizontal | 35             | 2.10          |
| 802.11be EHT40_Nss1,(MCS0)_3TX  | Pass   | AV   | 5.352G       | 53.15             | 54.00             | -0.85          | 3           | Horizontal | 30             | 1.77          |
| 802.11be EHT80_Nss1,(MCS0)_3TX  | Pass   | AV   | 5.351G       | 53.32             | 54.00             | -0.68          | 3           | Horizontal | 32             | 1.99          |
| 802.11be EHT160_Nss1,(MCS0)_3TX | Pass   | AV   | 5.1372G      | 52.08             | 54.00             | -1.92          | 3           | Horizontal | 56             | 1.74          |
| 5.47-5.725GHz                   | -      | -    | -            | -                 | -                 | -              | -           | -          | -              | -             |
| 802.11a_Nss1,(6Mbps)_3TX        | Pass   | AV   | 11.43752G    | 53.31             | 54.00             | -0.69          | 3           | Horizontal | 7              | 1.50          |
| 802.11be EHT20_Nss1,(MCS0)_3TX  | Pass   | AV   | 11.44192G    | 53.38             | 54.00             | -0.62          | 3           | Horizontal | 7              | 1.48          |
| 802.11be EHT40_Nss1,(MCS0)_3TX  | Pass   | PK   | 5.466G       | 67.55             | 68.20             | -0.65          | 3           | Horizontal | 36             | 2.01          |
| 802.11be EHT80_Nss1,(MCS0)_3TX  | Pass   | PK   | 5.8556G      | 67.62             | 68.20             | -0.58          | 3           | Horizontal | 330            | 1.50          |
| 802.11be EHT160_Nss1,(MCS0)_3TX | Pass   | AV   | 5.45G        | 52.86             | 54.00             | -1.14          | 3           | Horizontal | 37             | 2.41          |

Result

| Mode                     | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) |
|--------------------------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|
| 802.11a_Nss1,(6Mbps)_3TX | -      | -    | -         | -              | -              | -           | -        | -          | -           | -          |
| 5260MHz                  | Pass   | AV   | 5.1496G   | 43.36          | 54.00          | -10.64      | 3        | Vertical   | 35          | 2.64       |
| 5260MHz                  | Pass   | AV   | 5.2594G   | 109.20         | Inf            | -Inf        | 3        | Vertical   | 35          | 2.64       |
| 5260MHz                  | Pass   | AV   | 5.35G     | 51.76          | 54.00          | -2.24       | 3        | Vertical   | 35          | 2.64       |
| 5260MHz                  | Pass   | PK   | 5.1478G   | 57.69          | 74.00          | -16.31      | 3        | Vertical   | 35          | 2.64       |
| 5260MHz                  | Pass   | PK   | 5.2594G   | 119.29         | Inf            | -Inf        | 3        | Vertical   | 35          | 2.64       |
| 5260MHz                  | Pass   | PK   | 5.35G     | 68.30          | 74.00          | -5.70       | 3        | Vertical   | 35          | 2.64       |
| 5260MHz                  | Pass   | AV   | 5.1424G   | 45.94          | 54.00          | -8.06       | 3        | Horizontal | 29          | 1.81       |
| 5260MHz                  | Pass   | AV   | 5.2624G   | 112.05         | Inf            | -Inf        | 3        | Horizontal | 29          | 1.81       |
| 5260MHz                  | Pass   | AV   | 5.35G     | 53.09          | 54.00          | -0.91       | 3        | Horizontal | 29          | 1.81       |
| 5260MHz                  | Pass   | PK   | 5.1442G   | 60.94          | 74.00          | -13.06      | 3        | Horizontal | 29          | 1.81       |
| 5260MHz                  | Pass   | PK   | 5.2612G   | 122.47         | Inf            | -Inf        | 3        | Horizontal | 29          | 1.81       |
| 5260MHz                  | Pass   | PK   | 5.35G     | 72.67          | 74.00          | -1.33       | 3        | Horizontal | 29          | 1.81       |
| 5260MHz                  | Pass   | PK   | 10.52424G | 66.74          | 68.20          | -1.46       | 3        | Vertical   | 63          | 1.72       |
| 5260MHz                  | Pass   | PK   | 10.52112G | 65.44          | 68.20          | -2.76       | 3        | Horizontal | 11          | 1.65       |
| 5300MHz                  | Pass   | AV   | 5.2992G   | 106.76         | Inf            | -Inf        | 3        | Vertical   | 38          | 2.62       |
| 5300MHz                  | Pass   | AV   | 5.35G     | 45.38          | 54.00          | -8.62       | 3        | Vertical   | 38          | 2.62       |
| 5300MHz                  | Pass   | PK   | 5.2992G   | 116.76         | Inf            | -Inf        | 3        | Vertical   | 38          | 2.62       |
| 5300MHz                  | Pass   | PK   | 5.35G     | 63.89          | 74.00          | -10.11      | 3        | Vertical   | 38          | 2.62       |
| 5300MHz                  | Pass   | AV   | 5.302G    | 109.34         | Inf            | -Inf        | 3        | Horizontal | 29          | 1.50       |
| 5300MHz                  | Pass   | AV   | 5.3508G   | 51.26          | 54.00          | -2.74       | 3        | Horizontal | 29          | 1.50       |
| 5300MHz                  | Pass   | PK   | 5.3024G   | 119.68         | Inf            | -Inf        | 3        | Horizontal | 29          | 1.50       |
| 5300MHz                  | Pass   | PK   | 5.3524G   | 72.42          | 74.00          | -1.58       | 3        | Horizontal | 29          | 1.50       |
| 5300MHz                  | Pass   | PK   | 10.60288G | 61.02          | 74.00          | -12.98      | 3        | Vertical   | 61          | 1.60       |
| 5300MHz                  | Pass   | PK   | 10.59976G | 61.46          | 68.20          | -6.74       | 3        | Horizontal | 11          | 1.74       |
| 5320MHz                  | Pass   | AV   | 5.3194G   | 105.01         | Inf            | -Inf        | 3        | Vertical   | 32          | 2.43       |
| 5320MHz                  | Pass   | AV   | 5.35G     | 45.73          | 54.00          | -8.27       | 3        | Vertical   | 32          | 2.43       |
| 5320MHz                  | Pass   | PK   | 5.3188G   | 114.37         | Inf            | -Inf        | 3        | Vertical   | 32          | 2.43       |
| 5320MHz                  | Pass   | PK   | 5.35G     | 63.00          | 74.00          | -11.00      | 3        | Vertical   | 32          | 2.43       |
| 5320MHz                  | Pass   | AV   | 5.3216G   | 107.13         | Inf            | -Inf        | 3        | Horizontal | 28          | 1.62       |
| 5320MHz                  | Pass   | AV   | 5.3504G   | 49.09          | 54.00          | -4.91       | 3        | Horizontal | 28          | 1.62       |
| 5320MHz                  | Pass   | PK   | 5.3222G   | 117.15         | Inf            | -Inf        | 3        | Horizontal | 28          | 1.62       |
| 5320MHz                  | Pass   | PK   | 5.352G    | 71.72          | 74.00          | -2.28       | 3        | Horizontal | 28          | 1.62       |
| 5320MHz                  | Pass   | AV   | 10.63744G | 50.58          | 54.00          | -3.42       | 3        | Vertical   | 63          | 1.68       |
| 5320MHz                  | Pass   | PK   | 10.63928G | 63.11          | 74.00          | -10.89      | 3        | Vertical   | 63          | 1.68       |
| 5320MHz                  | Pass   | AV   | 10.64024G | 49.72          | 54.00          | -4.28       | 3        | Horizontal | 11          | 1.64       |
| 5320MHz                  | Pass   | PK   | 10.6404G  | 61.60          | 74.00          | -12.40      | 3        | Horizontal | 11          | 1.64       |
| 5500MHz                  | Pass   | AV   | 5.46G     | 43.97          | 54.00          | -10.03      | 3        | Vertical   | 41          | 1.50       |
| 5500MHz                  | Pass   | AV   | 5.5034G   | 104.09         | Inf            | -Inf        | 3        | Vertical   | 41          | 1.50       |
| 5500MHz                  | Pass   | PK   | 5.4586G   | 55.67          | 74.00          | -18.33      | 3        | Vertical   | 41          | 1.50       |
| 5500MHz                  | Pass   | PK   | 5.4688G   | 60.74          | 68.20          | -7.46       | 3        | Vertical   | 41          | 1.50       |
| 5500MHz                  | Pass   | PK   | 5.5032G   | 114.15         | Inf            | -Inf        | 3        | Vertical   | 41          | 1.50       |
| 5500MHz                  | Pass   | AV   | 5.46G     | 45.72          | 54.00          | -8.28       | 3        | Horizontal | 35          | 1.94       |
| 5500MHz                  | Pass   | AV   | 5.4982G   | 107.73         | Inf            | -Inf        | 3        | Horizontal | 35          | 1.94       |
| 5500MHz                  | Pass   | PK   | 5.4576G   | 61.15          | 74.00          | -12.85      | 3        | Horizontal | 35          | 1.94       |
| 5500MHz                  | Pass   | PK   | 5.4684G   | 65.79          | 68.20          | -2.41       | 3        | Horizontal | 35          | 1.94       |
| 5500MHz                  | Pass   | PK   | 5.4984G   | 117.53         | Inf            | -Inf        | 3        | Horizontal | 35          | 1.94       |
| 5500MHz                  | Pass   | AV   | 10.99928G | 46.99          | 54.00          | -7.01       | 3        | Vertical   | 61          | 1.50       |
| 5500MHz                  | Pass   | PK   | 10.99936G | 59.36          | 74.00          | -14.64      | 3        | Vertical   | 61          | 1.50       |
| 5500MHz                  | Pass   | AV   | 11.00052G | 48.10          | 54.00          | -5.90       | 3        | Horizontal | 308         | 1.72       |
| 5500MHz                  | Pass   | PK   | 11.00092G | 60.07          | 74.00          | -13.93      | 3        | Horizontal | 308         | 1.72       |
| 5580MHz                  | Pass   | AV   | 5.46G     | 43.61          | 54.00          | -10.39      | 3        | Vertical   | 322         | 2.35       |
| 5580MHz                  | Pass   | AV   | 5.5788G   | 106.19         | Inf            | -Inf        | 3        | Vertical   | 322         | 2.35       |
| 5580MHz                  | Pass   | PK   | 5.46G     | 55.24          | 74.00          | -18.76      | 3        | Vertical   | 322         | 2.35       |
| 5580MHz                  | Pass   | PK   | 5.4678G   | 54.10          | 68.20          | -14.10      | 3        | Vertical   | 322         | 2.35       |
| 5580MHz                  | Pass   | PK   | 5.5794G   | 116.06         | Inf            | -Inf        | 3        | Vertical   | 322         | 2.35       |
| 5580MHz                  | Pass   | PK   | 5.7294G   | 54.86          | 68.20          | -13.34      | 3        | Vertical   | 322         | 2.35       |
| 5580MHz                  | Pass   | AV   | 5.4594G   | 44.22          | 54.00          | -9.78       | 3        | Horizontal | 32          | 1.50       |
| 5580MHz                  | Pass   | AV   | 5.5794G   | 108.59         | Inf            | -Inf        | 3        | Horizontal | 32          | 1.50       |
| 5580MHz                  | Pass   | PK   | 5.4594G   | 56.26          | 74.00          | -17.74      | 3        | Horizontal | 32          | 1.50       |
| 5580MHz                  | Pass   | PK   | 5.469G    | 55.37          | 68.20          | -12.83      | 3        | Horizontal | 32          | 1.50       |

| Mode                           | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) |
|--------------------------------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|
| 5580MHz                        | Pass   | PK   | 5.5782G   | 118.48         | Inf            | -Inf        | 3        | Horizontal | 32          | 1.50       |
| 5580MHz                        | Pass   | PK   | 5.7282G   | 56.10          | 68.20          | -12.10      | 3        | Horizontal | 32          | 1.50       |
| 5580MHz                        | Pass   | AV   | 11.1592G  | 51.47          | 54.00          | -2.53       | 3        | Vertical   | 62          | 1.42       |
| 5580MHz                        | Pass   | PK   | 11.16224G | 63.81          | 74.00          | -10.19      | 3        | Vertical   | 62          | 1.42       |
| 5580MHz                        | Pass   | AV   | 11.161G   | 53.27          | 54.00          | -0.73       | 3        | Horizontal | 309         | 1.50       |
| 5580MHz                        | Pass   | PK   | 11.162G   | 65.89          | 74.00          | -8.11       | 3        | Horizontal | 309         | 1.50       |
| 5700MHz                        | Pass   | AV   | 5.7028G   | 101.98         | Inf            | -Inf        | 3        | Vertical   | 4           | 1.50       |
| 5700MHz                        | Pass   | PK   | 5.7028G   | 112.21         | Inf            | -Inf        | 3        | Vertical   | 4           | 1.50       |
| 5700MHz                        | Pass   | PK   | 5.7328G   | 57.02          | 68.20          | -11.18      | 3        | Vertical   | 4           | 1.50       |
| 5700MHz                        | Pass   | AV   | 5.6988G   | 106.65         | Inf            | -Inf        | 3        | Horizontal | 34          | 1.63       |
| 5700MHz                        | Pass   | PK   | 5.6968G   | 116.51         | Inf            | -Inf        | 3        | Horizontal | 34          | 1.63       |
| 5700MHz                        | Pass   | PK   | 5.7268G   | 67.29          | 68.20          | -0.91       | 3        | Horizontal | 34          | 1.63       |
| 5700MHz                        | Pass   | AV   | 11.40176G | 46.20          | 54.00          | -7.80       | 3        | Vertical   | 66          | 1.61       |
| 5700MHz                        | Pass   | PK   | 11.39968G | 58.16          | 74.00          | -15.84      | 3        | Vertical   | 66          | 1.61       |
| 5700MHz                        | Pass   | AV   | 11.3964G  | 49.84          | 54.00          | -4.16       | 3        | Horizontal | 35          | 1.88       |
| 5700MHz                        | Pass   | PK   | 11.40544G | 62.73          | 74.00          | -11.27      | 3        | Horizontal | 35          | 1.88       |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | AV   | 5.4596G   | 40.97          | 54.00          | -13.03      | 3        | Vertical   | 311         | 2.37       |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | AV   | 5.7212G   | 110.10         | Inf            | -Inf        | 3        | Vertical   | 311         | 2.37       |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.438G    | 53.60          | 74.00          | -20.40      | 3        | Vertical   | 311         | 2.37       |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.4632G   | 53.86          | 68.20          | -14.34      | 3        | Vertical   | 311         | 2.37       |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.7212G   | 120.87         | Inf            | -Inf        | 3        | Vertical   | 311         | 2.37       |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.8592G   | 59.02          | 68.20          | -9.18       | 3        | Vertical   | 311         | 2.37       |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | AV   | 5.4536G   | 41.33          | 54.00          | -12.67      | 3        | Horizontal | 33          | 1.85       |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | AV   | 5.7188G   | 113.76         | Inf            | -Inf        | 3        | Horizontal | 33          | 1.85       |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.444G    | 54.62          | 74.00          | -19.38      | 3        | Horizontal | 33          | 1.85       |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.4644G   | 55.09          | 68.20          | -13.11      | 3        | Horizontal | 33          | 1.85       |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.7176G   | 124.49         | Inf            | -Inf        | 3        | Horizontal | 33          | 1.85       |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.8556G   | 66.60          | 68.20          | -1.60       | 3        | Horizontal | 33          | 1.85       |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | AV   | 11.4376G  | 50.14          | 54.00          | -3.86       | 3        | Vertical   | 65          | 1.28       |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 11.43736G | 62.06          | 74.00          | -11.94      | 3        | Vertical   | 65          | 1.28       |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | AV   | 11.43752G | 53.31          | 54.00          | -0.69       | 3        | Horizontal | 7           | 1.50       |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 11.43616G | 65.30          | 74.00          | -8.70       | 3        | Horizontal | 7           | 1.50       |
| 802.11be EHT20_Nss1,(MCS0)_3TX | -      | -    | -         | -              | -              | -           | -        | -          | -           | -          |
| 5260MHz                        | Pass   | AV   | 5.1376G   | 42.19          | 54.00          | -11.81      | 3        | Vertical   | 50          | 1.89       |
| 5260MHz                        | Pass   | AV   | 5.2576G   | 107.06         | Inf            | -Inf        | 3        | Vertical   | 50          | 1.89       |
| 5260MHz                        | Pass   | AV   | 5.35G     | 46.36          | 54.00          | -7.64       | 3        | Vertical   | 50          | 1.89       |
| 5260MHz                        | Pass   | PK   | 5.1478G   | 54.63          | 74.00          | -19.37      | 3        | Vertical   | 50          | 1.89       |
| 5260MHz                        | Pass   | PK   | 5.2576G   | 118.14         | Inf            | -Inf        | 3        | Vertical   | 50          | 1.89       |
| 5260MHz                        | Pass   | PK   | 5.3506G   | 61.22          | 74.00          | -12.78      | 3        | Vertical   | 50          | 1.89       |
| 5260MHz                        | Pass   | AV   | 5.1496G   | 44.65          | 54.00          | -9.35       | 3        | Horizontal | 27          | 1.83       |
| 5260MHz                        | Pass   | AV   | 5.2594G   | 111.06         | Inf            | -Inf        | 3        | Horizontal | 27          | 1.83       |
| 5260MHz                        | Pass   | AV   | 5.35G     | 51.29          | 54.00          | -2.71       | 3        | Horizontal | 27          | 1.83       |
| 5260MHz                        | Pass   | PK   | 5.1496G   | 62.23          | 74.00          | -11.77      | 3        | Horizontal | 27          | 1.83       |
| 5260MHz                        | Pass   | PK   | 5.2618G   | 121.89         | Inf            | -Inf        | 3        | Horizontal | 27          | 1.83       |
| 5260MHz                        | Pass   | PK   | 5.35G     | 66.53          | 74.00          | -7.47       | 3        | Horizontal | 27          | 1.83       |
| 5260MHz                        | Pass   | PK   | 10.5208G  | 62.62          | 68.20          | -5.58       | 3        | Vertical   | 61          | 1.59       |
| 5260MHz                        | Pass   | PK   | 10.52132G | 62.20          | 68.20          | -6.00       | 3        | Horizontal | 12          | 1.70       |
| 5300MHz                        | Pass   | AV   | 5.3012G   | 105.62         | Inf            | -Inf        | 3        | Vertical   | 36          | 2.76       |
| 5300MHz                        | Pass   | AV   | 5.3516G   | 45.65          | 54.00          | -8.35       | 3        | Vertical   | 36          | 2.76       |
| 5300MHz                        | Pass   | PK   | 5.3016G   | 118.15         | Inf            | -Inf        | 3        | Vertical   | 36          | 2.76       |
| 5300MHz                        | Pass   | PK   | 5.3524G   | 62.91          | 74.00          | -11.09      | 3        | Vertical   | 36          | 2.76       |
| 5300MHz                        | Pass   | AV   | 5.2992G   | 108.65         | Inf            | -Inf        | 3        | Horizontal | 28          | 1.65       |
| 5300MHz                        | Pass   | AV   | 5.3512G   | 50.50          | 54.00          | -3.50       | 3        | Horizontal | 28          | 1.65       |
| 5300MHz                        | Pass   | PK   | 5.3044G   | 119.36         | Inf            | -Inf        | 3        | Horizontal | 28          | 1.65       |
| 5300MHz                        | Pass   | PK   | 5.354G    | 69.13          | 74.00          | -4.87       | 3        | Horizontal | 28          | 1.65       |
| 5300MHz                        | Pass   | AV   | 10.60136G | 49.45          | 54.00          | -4.55       | 3        | Vertical   | 65          | 1.70       |
| 5300MHz                        | Pass   | PK   | 10.60544G | 61.11          | 74.00          | -12.89      | 3        | Vertical   | 65          | 1.70       |
| 5300MHz                        | Pass   | AV   | 10.60008G | 49.32          | 54.00          | -4.68       | 3        | Horizontal | 9           | 1.55       |
| 5300MHz                        | Pass   | PK   | 10.60056G | 59.62          | 74.00          | -14.38      | 3        | Horizontal | 9           | 1.55       |
| 5320MHz                        | Pass   | AV   | 5.3216G   | 103.64         | Inf            | -Inf        | 3        | Vertical   | 39          | 2.90       |
| 5320MHz                        | Pass   | AV   | 5.352G    | 47.22          | 54.00          | -6.78       | 3        | Vertical   | 39          | 2.90       |
| 5320MHz                        | Pass   | PK   | 5.3208G   | 115.03         | Inf            | -Inf        | 3        | Vertical   | 39          | 2.90       |

| Mode                           | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) |
|--------------------------------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|
| 5320MHz                        | Pass   | PK   | 5.3518G   | 63.92          | 74.00          | -10.08      | 3        | Vertical   | 39          | 2.90       |
| 5320MHz                        | Pass   | AV   | 5.321G    | 107.49         | Inf            | -Inf        | 3        | Horizontal | 35          | 2.10       |
| 5320MHz                        | Pass   | AV   | 5.351G    | 52.40          | 54.00          | -1.60       | 3        | Horizontal | 35          | 2.10       |
| 5320MHz                        | Pass   | PK   | 5.3212G   | 120.43         | Inf            | -Inf        | 3        | Horizontal | 35          | 2.10       |
| 5320MHz                        | Pass   | PK   | 5.3506G   | 68.82          | 74.00          | -5.18       | 3        | Horizontal | 35          | 2.10       |
| 5320MHz                        | Pass   | AV   | 10.64112G | 51.47          | 54.00          | -2.53       | 3        | Vertical   | 63          | 1.67       |
| 5320MHz                        | Pass   | PK   | 10.64072G | 62.19          | 74.00          | -11.81      | 3        | Vertical   | 63          | 1.67       |
| 5320MHz                        | Pass   | AV   | 10.6396G  | 50.37          | 54.00          | -3.63       | 3        | Horizontal | 10          | 1.64       |
| 5320MHz                        | Pass   | PK   | 10.64456G | 61.34          | 74.00          | -12.66      | 3        | Horizontal | 10          | 1.64       |
| 5500MHz                        | Pass   | AV   | 5.4574G   | 44.56          | 54.00          | -9.44       | 3        | Vertical   | 49          | 1.50       |
| 5500MHz                        | Pass   | AV   | 5.5022G   | 103.23         | Inf            | -Inf        | 3        | Vertical   | 49          | 1.50       |
| 5500MHz                        | Pass   | PK   | 5.4552G   | 56.18          | 74.00          | -17.82      | 3        | Vertical   | 49          | 1.50       |
| 5500MHz                        | Pass   | PK   | 5.469G    | 58.38          | 68.20          | -9.82       | 3        | Vertical   | 49          | 1.50       |
| 5500MHz                        | Pass   | PK   | 5.4972G   | 114.62         | Inf            | -Inf        | 3        | Vertical   | 49          | 1.50       |
| 5500MHz                        | Pass   | AV   | 5.458G    | 46.13          | 54.00          | -7.87       | 3        | Horizontal | 37          | 1.95       |
| 5500MHz                        | Pass   | AV   | 5.5008G   | 107.36         | Inf            | -Inf        | 3        | Horizontal | 37          | 1.95       |
| 5500MHz                        | Pass   | PK   | 5.4582G   | 60.56          | 74.00          | -13.44      | 3        | Horizontal | 37          | 1.95       |
| 5500MHz                        | Pass   | PK   | 5.47G     | 64.12          | 68.20          | -4.08       | 3        | Horizontal | 37          | 1.95       |
| 5500MHz                        | Pass   | PK   | 5.498G    | 118.81         | Inf            | -Inf        | 3        | Horizontal | 37          | 1.95       |
| 5500MHz                        | Pass   | AV   | 10.99992G | 47.76          | 54.00          | -6.24       | 3        | Vertical   | 63          | 1.56       |
| 5500MHz                        | Pass   | PK   | 10.9984G  | 58.56          | 74.00          | -15.44      | 3        | Vertical   | 63          | 1.56       |
| 5500MHz                        | Pass   | AV   | 11.00016G | 47.89          | 54.00          | -6.11       | 3        | Horizontal | 10          | 1.18       |
| 5500MHz                        | Pass   | PK   | 10.99784G | 59.55          | 74.00          | -14.45      | 3        | Horizontal | 10          | 1.18       |
| 5580MHz                        | Pass   | AV   | 5.4594G   | 44.17          | 54.00          | -9.83       | 3        | Vertical   | 45          | 1.69       |
| 5580MHz                        | Pass   | AV   | 5.5806G   | 106.37         | Inf            | -Inf        | 3        | Vertical   | 45          | 1.69       |
| 5580MHz                        | Pass   | PK   | 5.4588G   | 55.25          | 74.00          | -18.75      | 3        | Vertical   | 45          | 1.69       |
| 5580MHz                        | Pass   | PK   | 5.4612G   | 55.59          | 68.20          | -12.61      | 3        | Vertical   | 45          | 1.69       |
| 5580MHz                        | Pass   | PK   | 5.5812G   | 118.16         | Inf            | -Inf        | 3        | Vertical   | 45          | 1.69       |
| 5580MHz                        | Pass   | PK   | 5.73G     | 54.43          | 68.20          | -13.77      | 3        | Vertical   | 45          | 1.69       |
| 5580MHz                        | Pass   | AV   | 5.46G     | 43.96          | 54.00          | -10.04      | 3        | Horizontal | 37          | 2.06       |
| 5580MHz                        | Pass   | AV   | 5.577G    | 109.12         | Inf            | -Inf        | 3        | Horizontal | 37          | 2.06       |
| 5580MHz                        | Pass   | PK   | 5.46G     | 55.28          | 74.00          | -18.72      | 3        | Horizontal | 37          | 2.06       |
| 5580MHz                        | Pass   | PK   | 5.463G    | 55.05          | 68.20          | -13.15      | 3        | Horizontal | 37          | 2.06       |
| 5580MHz                        | Pass   | PK   | 5.577G    | 119.47         | Inf            | -Inf        | 3        | Horizontal | 37          | 2.06       |
| 5580MHz                        | Pass   | PK   | 5.7258G   | 56.40          | 68.20          | -11.80      | 3        | Horizontal | 37          | 2.06       |
| 5580MHz                        | Pass   | AV   | 11.15904G | 52.48          | 54.00          | -1.52       | 3        | Vertical   | 64          | 1.46       |
| 5580MHz                        | Pass   | PK   | 11.16432G | 63.72          | 74.00          | -10.28      | 3        | Vertical   | 64          | 1.46       |
| 5580MHz                        | Pass   | AV   | 11.16112G | 53.32          | 54.00          | -0.68       | 3        | Horizontal | 312         | 1.10       |
| 5580MHz                        | Pass   | PK   | 11.16568G | 64.19          | 74.00          | -9.81       | 3        | Horizontal | 312         | 1.10       |
| 5700MHz                        | Pass   | AV   | 5.6984G   | 103.56         | Inf            | -Inf        | 3        | Vertical   | 316         | 2.38       |
| 5700MHz                        | Pass   | PK   | 5.6984G   | 115.37         | Inf            | -Inf        | 3        | Vertical   | 316         | 2.38       |
| 5700MHz                        | Pass   | PK   | 5.7282G   | 59.90          | 68.20          | -8.30       | 3        | Vertical   | 316         | 2.38       |
| 5700MHz                        | Pass   | AV   | 5.701G    | 105.86         | Inf            | -Inf        | 3        | Horizontal | 30          | 1.50       |
| 5700MHz                        | Pass   | PK   | 5.6988G   | 117.19         | Inf            | -Inf        | 3        | Horizontal | 30          | 1.50       |
| 5700MHz                        | Pass   | PK   | 5.726G    | 66.61          | 68.20          | -1.59       | 3        | Horizontal | 30          | 1.50       |
| 5700MHz                        | Pass   | AV   | 11.40256G | 47.89          | 54.00          | -6.11       | 3        | Vertical   | 65          | 1.30       |
| 5700MHz                        | Pass   | PK   | 11.40336G | 58.34          | 74.00          | -15.66      | 3        | Vertical   | 65          | 1.30       |
| 5700MHz                        | Pass   | AV   | 11.40096G | 52.06          | 54.00          | -1.94       | 3        | Horizontal | 35          | 1.77       |
| 5700MHz                        | Pass   | PK   | 11.4016G  | 63.41          | 74.00          | -10.59      | 3        | Horizontal | 35          | 1.77       |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | AV   | 5.4308G   | 42.09          | 54.00          | -11.91      | 3        | Vertical   | 313         | 2.61       |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | AV   | 5.7224G   | 107.54         | Inf            | -Inf        | 3        | Vertical   | 313         | 2.61       |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.4428G   | 54.16          | 74.00          | -19.84      | 3        | Vertical   | 313         | 2.61       |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.4656G   | 54.62          | 68.20          | -13.58      | 3        | Vertical   | 313         | 2.61       |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.7224G   | 118.59         | Inf            | -Inf        | 3        | Vertical   | 313         | 2.61       |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.8544G   | 56.54          | 68.20          | -11.66      | 3        | Vertical   | 313         | 2.61       |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | AV   | 5.4524G   | 42.34          | 54.00          | -11.66      | 3        | Horizontal | 37          | 1.35       |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | AV   | 5.7188G   | 111.58         | Inf            | -Inf        | 3        | Horizontal | 37          | 1.35       |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.4416G   | 54.75          | 74.00          | -19.25      | 3        | Horizontal | 37          | 1.35       |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.4656G   | 54.04          | 68.20          | -14.16      | 3        | Horizontal | 37          | 1.35       |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.72G     | 122.64         | Inf            | -Inf        | 3        | Horizontal | 37          | 1.35       |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.8544G   | 57.31          | 68.20          | -10.89      | 3        | Horizontal | 37          | 1.35       |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | AV   | 11.43696G | 51.04          | 54.00          | -2.96       | 3        | Vertical   | 65          | 1.42       |

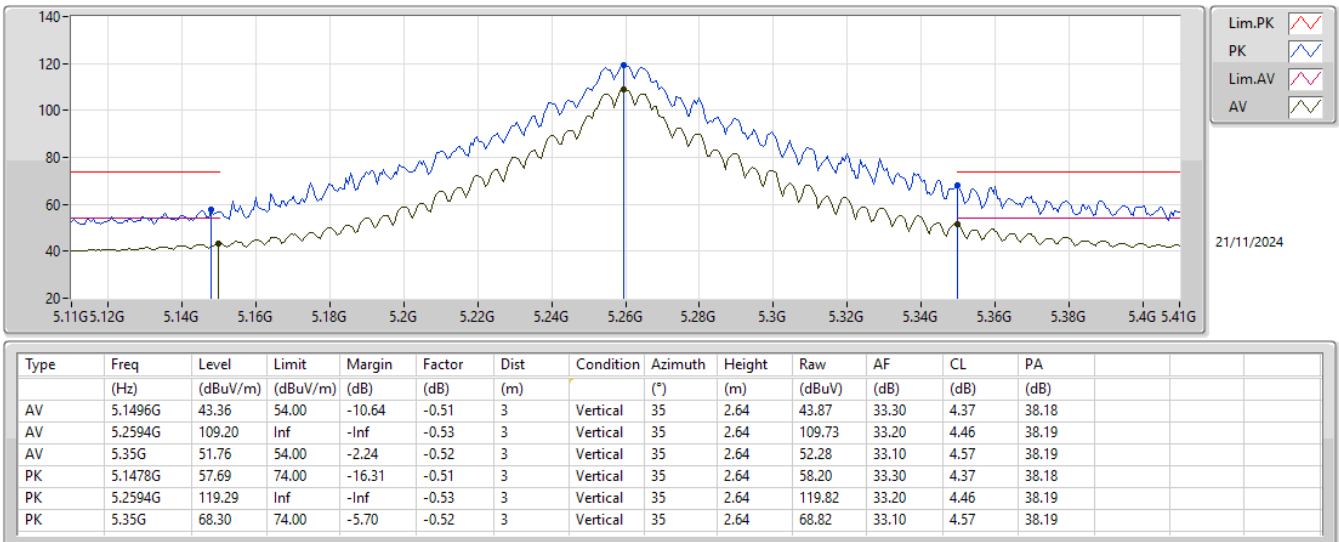
| Mode                           | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) |
|--------------------------------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 11.43656G | 62.34          | 74.00          | -11.66      | 3        | Vertical   | 65          | 1.42       |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | AV   | 11.44192G | 53.38          | 54.00          | -0.62       | 3        | Horizontal | 7           | 1.48       |
| 5720MHz Straddle 5.47-5.725GHz | Pass   | PK   | 11.44264G | 64.16          | 74.00          | -9.84       | 3        | Horizontal | 7           | 1.48       |
| 802.11be EHT40_Nss1,(MCS0)_3TX | -      | -    | -         | -              | -              | -           | -        | -          | -           | -          |
| 5270MHz                        | Pass   | AV   | 5.2724G   | 101.89         | Inf            | -Inf        | 3        | Vertical   | 50          | 1.84       |
| 5270MHz                        | Pass   | AV   | 5.35G     | 48.98          | 54.00          | -5.02       | 3        | Vertical   | 50          | 1.84       |
| 5270MHz                        | Pass   | PK   | 5.2676G   | 113.47         | Inf            | -Inf        | 3        | Vertical   | 50          | 1.84       |
| 5270MHz                        | Pass   | PK   | 5.3508G   | 65.31          | 74.00          | -8.69       | 3        | Vertical   | 50          | 1.84       |
| 5270MHz                        | Pass   | AV   | 5.2692G   | 105.52         | Inf            | -Inf        | 3        | Horizontal | 30          | 1.77       |
| 5270MHz                        | Pass   | AV   | 5.352G    | 53.15          | 54.00          | -0.85       | 3        | Horizontal | 30          | 1.77       |
| 5270MHz                        | Pass   | PK   | 5.2692G   | 117.45         | Inf            | -Inf        | 3        | Horizontal | 30          | 1.77       |
| 5270MHz                        | Pass   | PK   | 5.354G    | 69.66          | 74.00          | -4.34       | 3        | Horizontal | 30          | 1.77       |
| 5270MHz                        | Pass   | PK   | 10.54176G | 58.07          | 68.20          | -10.13      | 3        | Vertical   | 64          | 1.67       |
| 5270MHz                        | Pass   | PK   | 10.54544G | 56.97          | 68.20          | -11.23      | 3        | Horizontal | 11          | 1.61       |
| 5310MHz                        | Pass   | AV   | 5.3116G   | 100.50         | Inf            | -Inf        | 3        | Vertical   | 40          | 2.92       |
| 5310MHz                        | Pass   | AV   | 5.352G    | 48.21          | 54.00          | -5.79       | 3        | Vertical   | 40          | 2.92       |
| 5310MHz                        | Pass   | PK   | 5.3116G   | 113.00         | Inf            | -Inf        | 3        | Vertical   | 40          | 2.92       |
| 5310MHz                        | Pass   | PK   | 5.356G    | 60.60          | 74.00          | -13.40      | 3        | Vertical   | 40          | 2.92       |
| 5310MHz                        | Pass   | AV   | 5.3112G   | 104.40         | Inf            | -Inf        | 3        | Horizontal | 35          | 2.13       |
| 5310MHz                        | Pass   | AV   | 5.3512G   | 52.11          | 54.00          | -1.89       | 3        | Horizontal | 35          | 2.13       |
| 5310MHz                        | Pass   | PK   | 5.3116G   | 116.42         | Inf            | -Inf        | 3        | Horizontal | 35          | 2.13       |
| 5310MHz                        | Pass   | PK   | 5.3516G   | 66.07          | 74.00          | -7.93       | 3        | Horizontal | 35          | 2.13       |
| 5310MHz                        | Pass   | AV   | 10.61984G | 47.21          | 54.00          | -6.79       | 3        | Vertical   | 64          | 1.75       |
| 5310MHz                        | Pass   | PK   | 10.62712G | 58.94          | 74.00          | -15.06      | 3        | Vertical   | 64          | 1.75       |
| 5310MHz                        | Pass   | AV   | 10.62008G | 46.28          | 54.00          | -7.72       | 3        | Horizontal | 11          | 1.70       |
| 5310MHz                        | Pass   | PK   | 10.62048G | 57.77          | 74.00          | -16.23      | 3        | Horizontal | 11          | 1.70       |
| 5510MHz                        | Pass   | AV   | 5.4572G   | 46.21          | 54.00          | -7.79       | 3        | Vertical   | 50          | 1.68       |
| 5510MHz                        | Pass   | AV   | 5.512G    | 100.57         | Inf            | -Inf        | 3        | Vertical   | 50          | 1.68       |
| 5510MHz                        | Pass   | PK   | 5.4564G   | 59.32          | 74.00          | -14.68      | 3        | Vertical   | 50          | 1.68       |
| 5510MHz                        | Pass   | PK   | 5.468G    | 63.58          | 68.20          | -4.62       | 3        | Vertical   | 50          | 1.68       |
| 5510MHz                        | Pass   | PK   | 5.512G    | 112.52         | Inf            | -Inf        | 3        | Vertical   | 50          | 1.68       |
| 5510MHz                        | Pass   | AV   | 5.46G     | 48.62          | 54.00          | -5.38       | 3        | Horizontal | 36          | 2.01       |
| 5510MHz                        | Pass   | AV   | 5.5104G   | 104.25         | Inf            | -Inf        | 3        | Horizontal | 36          | 2.01       |
| 5510MHz                        | Pass   | PK   | 5.458G    | 63.70          | 74.00          | -10.30      | 3        | Horizontal | 36          | 2.01       |
| 5510MHz                        | Pass   | PK   | 5.466G    | 67.55          | 68.20          | -0.65       | 3        | Horizontal | 36          | 2.01       |
| 5510MHz                        | Pass   | PK   | 5.5108G   | 116.01         | Inf            | -Inf        | 3        | Horizontal | 36          | 2.01       |
| 5510MHz                        | Pass   | AV   | 11.02424G | 46.32          | 54.00          | -7.68       | 3        | Vertical   | 64          | 1.61       |
| 5510MHz                        | Pass   | PK   | 11.0272G  | 58.28          | 74.00          | -15.72      | 3        | Vertical   | 64          | 1.61       |
| 5510MHz                        | Pass   | AV   | 11.02528G | 47.38          | 54.00          | -6.62       | 3        | Horizontal | 308         | 1.80       |
| 5510MHz                        | Pass   | PK   | 11.02064G | 59.12          | 74.00          | -14.88      | 3        | Horizontal | 308         | 1.80       |
| 5550MHz                        | Pass   | AV   | 5.4584G   | 48.01          | 54.00          | -5.99       | 3        | Vertical   | 315         | 2.53       |
| 5550MHz                        | Pass   | AV   | 5.5484G   | 101.54         | Inf            | -Inf        | 3        | Vertical   | 315         | 2.53       |
| 5550MHz                        | Pass   | PK   | 5.4536G   | 61.76          | 74.00          | -12.24      | 3        | Vertical   | 315         | 2.53       |
| 5550MHz                        | Pass   | PK   | 5.468G    | 63.38          | 68.20          | -4.82       | 3        | Vertical   | 315         | 2.53       |
| 5550MHz                        | Pass   | PK   | 5.5492G   | 113.17         | Inf            | -Inf        | 3        | Vertical   | 315         | 2.53       |
| 5550MHz                        | Pass   | AV   | 5.458G    | 50.45          | 54.00          | -3.55       | 3        | Horizontal | 35          | 1.94       |
| 5550MHz                        | Pass   | AV   | 5.5504G   | 105.85         | Inf            | -Inf        | 3        | Horizontal | 35          | 1.94       |
| 5550MHz                        | Pass   | PK   | 5.454G    | 64.84          | 74.00          | -9.16       | 3        | Horizontal | 35          | 1.94       |
| 5550MHz                        | Pass   | PK   | 5.47G     | 66.97          | 68.20          | -1.23       | 3        | Horizontal | 35          | 1.94       |
| 5550MHz                        | Pass   | PK   | 5.5508G   | 117.53         | Inf            | -Inf        | 3        | Horizontal | 35          | 1.94       |
| 5550MHz                        | Pass   | AV   | 11.10064G | 47.95          | 54.00          | -6.05       | 3        | Vertical   | 63          | 1.54       |
| 5550MHz                        | Pass   | PK   | 11.09576G | 60.69          | 74.00          | -13.31      | 3        | Vertical   | 63          | 1.54       |
| 5550MHz                        | Pass   | AV   | 11.1008G  | 49.91          | 54.00          | -4.09       | 3        | Horizontal | 308         | 1.58       |
| 5550MHz                        | Pass   | PK   | 11.10032G | 61.72          | 74.00          | -12.28      | 3        | Horizontal | 308         | 1.58       |
| 5670MHz                        | Pass   | AV   | 5.6682G   | 102.80         | Inf            | -Inf        | 3        | Vertical   | 317         | 2.54       |
| 5670MHz                        | Pass   | PK   | 5.6736G   | 114.00         | Inf            | -Inf        | 3        | Vertical   | 317         | 2.54       |
| 5670MHz                        | Pass   | PK   | 5.733G    | 61.07          | 68.20          | -7.13       | 3        | Vertical   | 317         | 2.54       |
| 5670MHz                        | Pass   | AV   | 5.6706G   | 104.93         | Inf            | -Inf        | 3        | Horizontal | 33          | 1.82       |
| 5670MHz                        | Pass   | PK   | 5.6706G   | 117.76         | Inf            | -Inf        | 3        | Horizontal | 33          | 1.82       |
| 5670MHz                        | Pass   | PK   | 5.7336G   | 64.86          | 68.20          | -3.34       | 3        | Horizontal | 33          | 1.82       |
| 5670MHz                        | Pass   | AV   | 11.33728G | 47.23          | 54.00          | -6.77       | 3        | Vertical   | 65          | 1.28       |
| 5670MHz                        | Pass   | PK   | 11.34184G | 59.11          | 74.00          | -14.89      | 3        | Vertical   | 65          | 1.28       |

| Mode                           | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) |
|--------------------------------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|
| 5670MHz                        | Pass   | AV   | 11.33696G | 51.85          | 54.00          | -2.15       | 3        | Horizontal | 36          | 1.83       |
| 5670MHz                        | Pass   | PK   | 11.33872G | 62.20          | 74.00          | -11.80      | 3        | Horizontal | 36          | 1.83       |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | AV   | 5.4316G   | 42.15          | 54.00          | -11.85      | 3        | Vertical   | 322         | 2.15       |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | AV   | 5.7088G   | 105.04         | Inf            | -Inf        | 3        | Vertical   | 322         | 2.15       |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.452G    | 54.01          | 74.00          | -19.99      | 3        | Vertical   | 322         | 2.15       |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.4664G   | 53.91          | 68.20          | -14.29      | 3        | Vertical   | 322         | 2.15       |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.7136G   | 116.67         | Inf            | -Inf        | 3        | Vertical   | 322         | 2.15       |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.8528G   | 59.57          | 68.20          | -8.63       | 3        | Vertical   | 322         | 2.15       |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | AV   | 5.452G    | 42.59          | 54.00          | -11.41      | 3        | Horizontal | 33          | 1.75       |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | AV   | 5.7112G   | 107.93         | Inf            | -Inf        | 3        | Horizontal | 33          | 1.75       |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.4496G   | 55.30          | 74.00          | -18.70      | 3        | Horizontal | 33          | 1.75       |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.4604G   | 54.88          | 68.20          | -13.32      | 3        | Horizontal | 33          | 1.75       |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.7088G   | 120.09         | Inf            | -Inf        | 3        | Horizontal | 33          | 1.75       |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | PK   | 5.854G    | 65.62          | 68.20          | -2.58       | 3        | Horizontal | 33          | 1.75       |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | AV   | 11.41776G | 49.06          | 54.00          | -4.94       | 3        | Vertical   | 65          | 1.37       |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | PK   | 11.4272G  | 60.89          | 74.00          | -13.11      | 3        | Vertical   | 65          | 1.37       |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | AV   | 11.4212G  | 52.61          | 54.00          | -1.39       | 3        | Horizontal | 34          | 1.83       |
| 5710MHz Straddle 5.47-5.725GHz | Pass   | PK   | 11.41664G | 63.90          | 74.00          | -10.10      | 3        | Horizontal | 34          | 1.83       |
| 802.11be EHT80_Nss1,(MCS0)_3TX | -      | -    | -         | -              | -              | -           | -        | -          | -           | -          |
| 5290MHz                        | Pass   | AV   | 5.148G    | 41.92          | 54.00          | -12.08      | 3        | Vertical   | 40          | 1.13       |
| 5290MHz                        | Pass   | AV   | 5.292G    | 94.87          | Inf            | -Inf        | 3        | Vertical   | 40          | 1.13       |
| 5290MHz                        | Pass   | AV   | 5.352G    | 48.02          | 54.00          | -5.98       | 3        | Vertical   | 40          | 1.13       |
| 5290MHz                        | Pass   | PK   | 5.142G    | 54.32          | 74.00          | -19.68      | 3        | Vertical   | 40          | 1.13       |
| 5290MHz                        | Pass   | PK   | 5.297G    | 106.96         | Inf            | -Inf        | 3        | Vertical   | 40          | 1.13       |
| 5290MHz                        | Pass   | PK   | 5.356G    | 59.34          | 74.00          | -14.66      | 3        | Vertical   | 40          | 1.13       |
| 5290MHz                        | Pass   | PK   | 5.487G    | 54.75          | 68.20          | -13.45      | 3        | Vertical   | 40          | 1.13       |
| 5290MHz                        | Pass   | AV   | 5.149G    | 42.75          | 54.00          | -11.25      | 3        | Horizontal | 32          | 1.99       |
| 5290MHz                        | Pass   | AV   | 5.291G    | 99.39          | Inf            | -Inf        | 3        | Horizontal | 32          | 1.99       |
| 5290MHz                        | Pass   | AV   | 5.351G    | 53.32          | 54.00          | -0.68       | 3        | Horizontal | 32          | 1.99       |
| 5290MHz                        | Pass   | PK   | 5.147G    | 54.82          | 74.00          | -19.18      | 3        | Horizontal | 32          | 1.99       |
| 5290MHz                        | Pass   | PK   | 5.294G    | 109.56         | Inf            | -Inf        | 3        | Horizontal | 32          | 1.99       |
| 5290MHz                        | Pass   | PK   | 5.356G    | 64.86          | 74.00          | -9.14       | 3        | Horizontal | 32          | 1.99       |
| 5290MHz                        | Pass   | PK   | 5.511G    | 55.47          | 68.20          | -12.73      | 3        | Horizontal | 32          | 1.99       |
| 5290MHz                        | Pass   | PK   | 10.60688G | 54.39          | 74.00          | -19.61      | 3        | Vertical   | 63          | 1.61       |
| 5290MHz                        | Pass   | PK   | 10.59488G | 52.87          | 68.20          | -15.33      | 3        | Horizontal | 13          | 1.67       |
| 5530MHz                        | Pass   | AV   | 5.35G     | 41.30          | 54.00          | -12.70      | 3        | Vertical   | 60          | 1.60       |
| 5530MHz                        | Pass   | AV   | 5.457G    | 49.14          | 54.00          | -4.86       | 3        | Vertical   | 60          | 1.60       |
| 5530MHz                        | Pass   | AV   | 5.532G    | 95.04          | Inf            | -Inf        | 3        | Vertical   | 60          | 1.60       |
| 5530MHz                        | Pass   | PK   | 5.284G    | 53.85          | 68.20          | -14.35      | 3        | Vertical   | 60          | 1.60       |
| 5530MHz                        | Pass   | PK   | 5.458G    | 61.88          | 74.00          | -12.12      | 3        | Vertical   | 60          | 1.60       |
| 5530MHz                        | Pass   | PK   | 5.467G    | 61.61          | 68.20          | -6.59       | 3        | Vertical   | 60          | 1.60       |
| 5530MHz                        | Pass   | PK   | 5.532G    | 107.33         | Inf            | -Inf        | 3        | Vertical   | 60          | 1.60       |
| 5530MHz                        | Pass   | PK   | 5.737G    | 55.18          | 68.20          | -13.02      | 3        | Vertical   | 60          | 1.60       |
| 5530MHz                        | Pass   | AV   | 5.35G     | 42.54          | 54.00          | -11.46      | 3        | Horizontal | 37          | 1.95       |
| 5530MHz                        | Pass   | AV   | 5.46G     | 52.75          | 54.00          | -1.25       | 3        | Horizontal | 37          | 1.95       |
| 5530MHz                        | Pass   | AV   | 5.531G    | 99.75          | Inf            | -Inf        | 3        | Horizontal | 37          | 1.95       |
| 5530MHz                        | Pass   | PK   | 5.35G     | 54.26          | 74.00          | -19.74      | 3        | Horizontal | 37          | 1.95       |
| 5530MHz                        | Pass   | PK   | 5.455G    | 64.41          | 74.00          | -9.59       | 3        | Horizontal | 37          | 1.95       |
| 5530MHz                        | Pass   | PK   | 5.461G    | 64.74          | 68.20          | -3.46       | 3        | Horizontal | 37          | 1.95       |
| 5530MHz                        | Pass   | PK   | 5.526G    | 110.62         | Inf            | -Inf        | 3        | Horizontal | 37          | 1.95       |
| 5530MHz                        | Pass   | PK   | 5.773G    | 56.42          | 68.20          | -11.78      | 3        | Horizontal | 37          | 1.95       |
| 5530MHz                        | Pass   | AV   | 11.06384G | 42.73          | 54.00          | -11.27      | 3        | Vertical   | 61          | 1.50       |
| 5530MHz                        | Pass   | PK   | 11.07696G | 54.61          | 74.00          | -19.39      | 3        | Vertical   | 61          | 1.50       |
| 5530MHz                        | Pass   | AV   | 11.07504G | 43.71          | 54.00          | -10.29      | 3        | Horizontal | 309         | 1.77       |
| 5530MHz                        | Pass   | PK   | 11.09056G | 54.78          | 74.00          | -19.22      | 3        | Horizontal | 309         | 1.77       |
| 5610MHz                        | Pass   | AV   | 5.453G    | 44.82          | 54.00          | -9.18       | 3        | Vertical   | 316         | 2.33       |
| 5610MHz                        | Pass   | AV   | 5.614G    | 98.15          | Inf            | -Inf        | 3        | Vertical   | 316         | 2.33       |
| 5610MHz                        | Pass   | PK   | 5.455G    | 58.20          | 74.00          | -15.80      | 3        | Vertical   | 316         | 2.33       |
| 5610MHz                        | Pass   | PK   | 5.466G    | 58.39          | 68.20          | -9.81       | 3        | Vertical   | 316         | 2.33       |
| 5610MHz                        | Pass   | PK   | 5.604G    | 110.20         | Inf            | -Inf        | 3        | Vertical   | 316         | 2.33       |
| 5610MHz                        | Pass   | PK   | 5.729G    | 63.18          | 68.20          | -5.02       | 3        | Vertical   | 316         | 2.33       |
| 5610MHz                        | Pass   | AV   | 5.46G     | 48.11          | 54.00          | -5.89       | 3        | Horizontal | 35          | 1.75       |

| Mode                            | Result | Type | Freq (Hz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Dist (m) | Condition  | Azimuth (°) | Height (m) |
|---------------------------------|--------|------|-----------|----------------|----------------|-------------|----------|------------|-------------|------------|
| 5610MHz                         | Pass   | AV   | 5.611G    | 101.03         | Inf            | -Inf        | 3        | Horizontal | 35          | 1.75       |
| 5610MHz                         | Pass   | PK   | 5.455G    | 61.11          | 74.00          | -12.89      | 3        | Horizontal | 35          | 1.75       |
| 5610MHz                         | Pass   | PK   | 5.463G    | 62.41          | 68.20          | -5.79       | 3        | Horizontal | 35          | 1.75       |
| 5610MHz                         | Pass   | PK   | 5.606G    | 112.12         | Inf            | -Inf        | 3        | Horizontal | 35          | 1.75       |
| 5610MHz                         | Pass   | PK   | 5.732G    | 66.09          | 68.20          | -2.11       | 3        | Horizontal | 35          | 1.75       |
| 5610MHz                         | Pass   | AV   | 11.22512G | 45.65          | 54.00          | -8.35       | 3        | Vertical   | 65          | 1.50       |
| 5610MHz                         | Pass   | PK   | 11.244G   | 58.77          | 74.00          | -15.23      | 3        | Vertical   | 65          | 1.50       |
| 5610MHz                         | Pass   | AV   | 11.21344G | 48.62          | 54.00          | -5.38       | 3        | Horizontal | 33          | 1.80       |
| 5610MHz                         | Pass   | PK   | 11.23648G | 60.11          | 74.00          | -13.89      | 3        | Horizontal | 33          | 1.80       |
| 5690MHz Straddle 5.47-5.725GHz  | Pass   | AV   | 5.4584G   | 42.46          | 54.00          | -11.54      | 3        | Vertical   | 317         | 2.32       |
| 5690MHz Straddle 5.47-5.725GHz  | Pass   | AV   | 5.6888G   | 101.50         | Inf            | -Inf        | 3        | Vertical   | 317         | 2.32       |
| 5690MHz Straddle 5.47-5.725GHz  | Pass   | PK   | 5.456G    | 55.72          | 74.00          | -18.28      | 3        | Vertical   | 317         | 2.32       |
| 5690MHz Straddle 5.47-5.725GHz  | Pass   | PK   | 5.4632G   | 56.80          | 68.20          | -11.40      | 3        | Vertical   | 317         | 2.32       |
| 5690MHz Straddle 5.47-5.725GHz  | Pass   | PK   | 5.678G    | 113.43         | Inf            | -Inf        | 3        | Vertical   | 317         | 2.32       |
| 5690MHz Straddle 5.47-5.725GHz  | Pass   | PK   | 5.852G    | 59.91          | 68.20          | -8.29       | 3        | Vertical   | 317         | 2.32       |
| 5690MHz Straddle 5.47-5.725GHz  | Pass   | AV   | 5.444G    | 42.82          | 54.00          | -11.18      | 3        | Horizontal | 330         | 1.50       |
| 5690MHz Straddle 5.47-5.725GHz  | Pass   | AV   | 5.6948G   | 102.86         | Inf            | -Inf        | 3        | Horizontal | 330         | 1.50       |
| 5690MHz Straddle 5.47-5.725GHz  | Pass   | PK   | 5.4572G   | 56.05          | 74.00          | -17.95      | 3        | Horizontal | 330         | 1.50       |
| 5690MHz Straddle 5.47-5.725GHz  | Pass   | PK   | 5.468G    | 56.60          | 68.20          | -11.60      | 3        | Horizontal | 330         | 1.50       |
| 5690MHz Straddle 5.47-5.725GHz  | Pass   | PK   | 5.6804G   | 114.49         | Inf            | -Inf        | 3        | Horizontal | 330         | 1.50       |
| 5690MHz Straddle 5.47-5.725GHz  | Pass   | PK   | 5.8556G   | 67.62          | 68.20          | -0.58       | 3        | Horizontal | 330         | 1.50       |
| 5690MHz Straddle 5.47-5.725GHz  | Pass   | AV   | 11.392G   | 44.68          | 54.00          | -9.32       | 3        | Vertical   | 65          | 1.23       |
| 5690MHz Straddle 5.47-5.725GHz  | Pass   | PK   | 11.40704G | 57.87          | 74.00          | -16.13      | 3        | Vertical   | 65          | 1.23       |
| 5690MHz Straddle 5.47-5.725GHz  | Pass   | AV   | 11.40592G | 48.03          | 54.00          | -5.97       | 3        | Horizontal | 36          | 1.86       |
| 5690MHz Straddle 5.47-5.725GHz  | Pass   | PK   | 11.39664G | 59.98          | 74.00          | -14.02      | 3        | Horizontal | 36          | 1.86       |
| 802.11be EHT160_Nss1,(MCS0)_3TX | -      | -    | -         | -              | -              | -           | -        | -          | -           | -          |
| 5250MHz Straddle 5.25-5.35GHz   | Pass   | AV   | 5.1156G   | 46.66          | 54.00          | -7.34       | 3        | Vertical   | 50          | 1.77       |
| 5250MHz Straddle 5.25-5.35GHz   | Pass   | AV   | 5.2452G   | 90.32          | Inf            | -Inf        | 3        | Vertical   | 50          | 1.77       |
| 5250MHz Straddle 5.25-5.35GHz   | Pass   | AV   | 5.3892G   | 46.47          | 54.00          | -7.53       | 3        | Vertical   | 50          | 1.77       |
| 5250MHz Straddle 5.25-5.35GHz   | Pass   | PK   | 5.1192G   | 59.32          | 74.00          | -14.68      | 3        | Vertical   | 50          | 1.77       |
| 5250MHz Straddle 5.25-5.35GHz   | Pass   | PK   | 5.2548G   | 101.62         | Inf            | -Inf        | 3        | Vertical   | 50          | 1.77       |
| 5250MHz Straddle 5.25-5.35GHz   | Pass   | PK   | 5.3988G   | 59.94          | 74.00          | -14.06      | 3        | Vertical   | 50          | 1.77       |
| 5250MHz Straddle 5.25-5.35GHz   | Pass   | PK   | 5.5152G   | 55.06          | 68.20          | -13.14      | 3        | Vertical   | 50          | 1.77       |
| 5250MHz Straddle 5.25-5.35GHz   | Pass   | AV   | 5.1372G   | 52.08          | 54.00          | -1.92       | 3        | Horizontal | 56          | 1.74       |
| 5250MHz Straddle 5.25-5.35GHz   | Pass   | AV   | 5.2524G   | 94.25          | Inf            | -Inf        | 3        | Horizontal | 56          | 1.74       |
| 5250MHz Straddle 5.25-5.35GHz   | Pass   | AV   | 5.352G    | 52.08          | 54.00          | -1.92       | 3        | Horizontal | 56          | 1.74       |
| 5250MHz Straddle 5.25-5.35GHz   | Pass   | PK   | 5.148G    | 65.21          | 74.00          | -8.79       | 3        | Horizontal | 56          | 1.74       |
| 5250MHz Straddle 5.25-5.35GHz   | Pass   | PK   | 5.262G    | 106.95         | Inf            | -Inf        | 3        | Horizontal | 56          | 1.74       |
| 5250MHz Straddle 5.25-5.35GHz   | Pass   | PK   | 5.3856G   | 66.16          | 74.00          | -7.84       | 3        | Horizontal | 56          | 1.74       |
| 5250MHz Straddle 5.25-5.35GHz   | Pass   | PK   | 5.4624G   | 56.75          | 68.20          | -11.45      | 3        | Horizontal | 56          | 1.74       |
| 5250MHz Straddle 5.25-5.35GHz   | Pass   | PK   | 10.52208G | 51.99          | 68.20          | -16.21      | 3        | Vertical   | 62          | 1.67       |
| 5250MHz Straddle 5.25-5.35GHz   | Pass   | PK   | 10.47952G | 51.88          | 68.20          | -16.32      | 3        | Horizontal | 17          | 1.41       |
| 5570MHz                         | Pass   | AV   | 5.456G    | 48.67          | 54.00          | -5.33       | 3        | Vertical   | 311         | 1.49       |
| 5570MHz                         | Pass   | AV   | 5.5712G   | 93.83          | Inf            | -Inf        | 3        | Vertical   | 311         | 1.49       |
| 5570MHz                         | Pass   | PK   | 5.35G     | 53.28          | 74.00          | -20.72      | 3        | Vertical   | 311         | 1.49       |
| 5570MHz                         | Pass   | PK   | 5.4152G   | 60.68          | 74.00          | -13.32      | 3        | Vertical   | 311         | 1.49       |
| 5570MHz                         | Pass   | PK   | 5.4656G   | 61.02          | 68.20          | -7.18       | 3        | Vertical   | 311         | 1.49       |
| 5570MHz                         | Pass   | PK   | 5.5724G   | 104.62         | Inf            | -Inf        | 3        | Vertical   | 311         | 1.49       |
| 5570MHz                         | Pass   | PK   | 5.7272G   | 62.75          | 68.20          | -5.45       | 3        | Vertical   | 311         | 1.49       |
| 5570MHz                         | Pass   | AV   | 5.45G     | 52.86          | 54.00          | -1.14       | 3        | Horizontal | 37          | 2.41       |
| 5570MHz                         | Pass   | AV   | 5.564G    | 97.29          | Inf            | -Inf        | 3        | Horizontal | 37          | 2.41       |
| 5570MHz                         | Pass   | PK   | 5.35G     | 55.20          | 74.00          | -18.80      | 3        | Horizontal | 37          | 2.41       |
| 5570MHz                         | Pass   | PK   | 5.4584G   | 65.10          | 74.00          | -8.90       | 3        | Horizontal | 37          | 2.41       |
| 5570MHz                         | Pass   | PK   | 5.468G    | 65.26          | 68.20          | -2.94       | 3        | Horizontal | 37          | 2.41       |
| 5570MHz                         | Pass   | PK   | 5.5748G   | 107.61         | Inf            | -Inf        | 3        | Horizontal | 37          | 2.41       |
| 5570MHz                         | Pass   | PK   | 5.7296G   | 64.20          | 68.20          | -4.00       | 3        | Horizontal | 37          | 2.41       |
| 5570MHz                         | Pass   | AV   | 11.15386G | 40.01          | 54.00          | -13.99      | 3        | Vertical   | 293         | 1.62       |
| 5570MHz                         | Pass   | PK   | 11.13322G | 52.21          | 74.00          | -21.79      | 3        | Vertical   | 293         | 1.62       |
| 5570MHz                         | Pass   | AV   | 11.1532G  | 39.22          | 54.00          | -14.78      | 3        | Horizontal | 57          | 1.50       |
| 5570MHz                         | Pass   | PK   | 11.13874G | 51.15          | 74.00          | -22.85      | 3        | Horizontal | 57          | 1.50       |

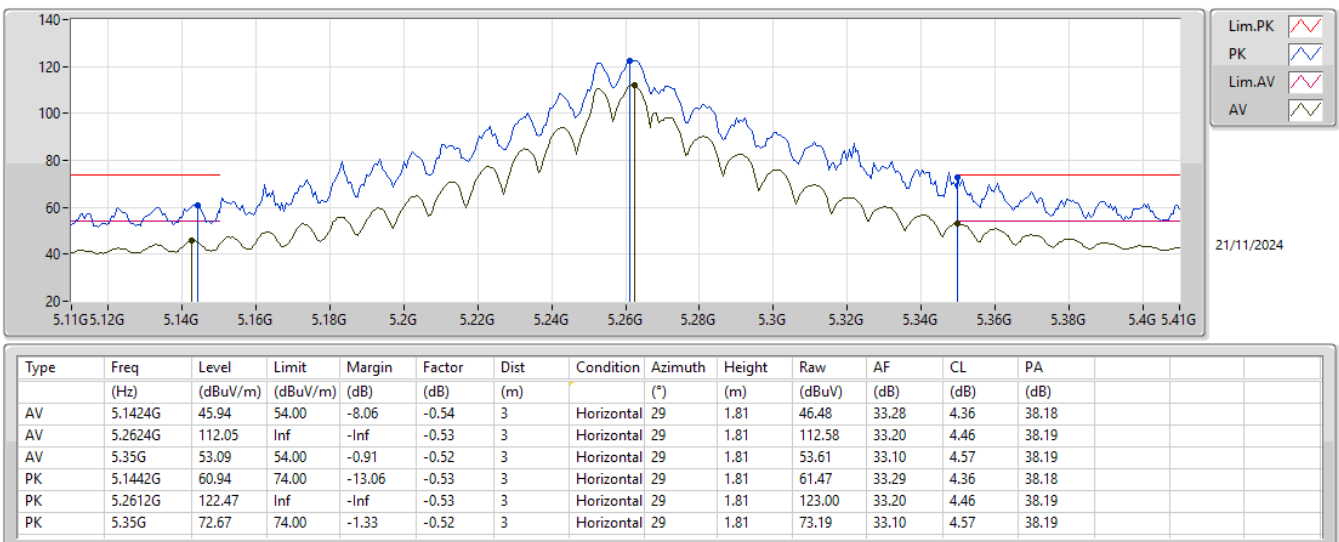
## 5.25-5.35GHz\_802.11a\_Nss1,(6Mbps)\_3TX

### 5260MHz\_TX



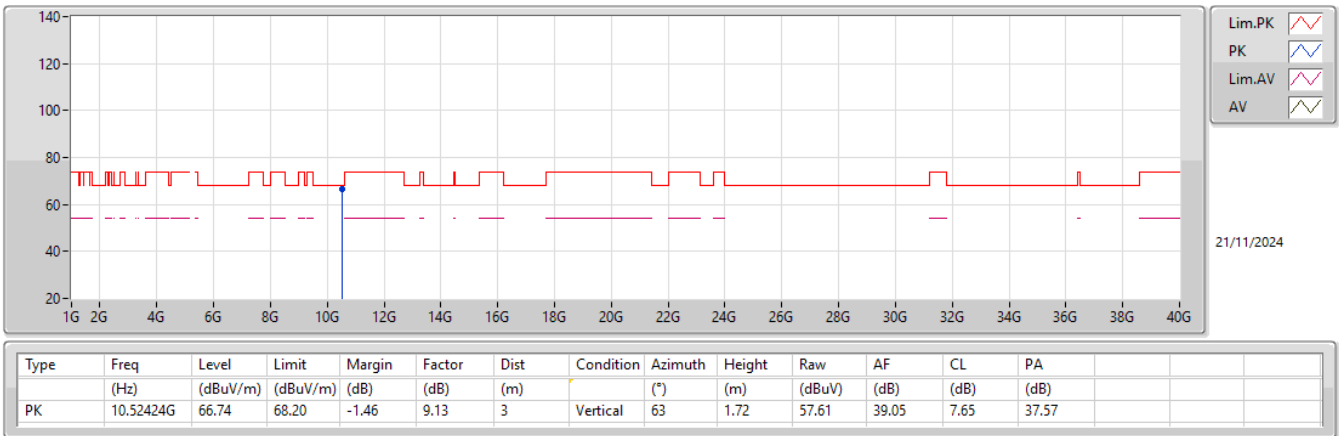
## 5.25-5.35GHz\_802.11a\_Nss1,(6Mbps)\_3TX

### 5260MHz\_TX



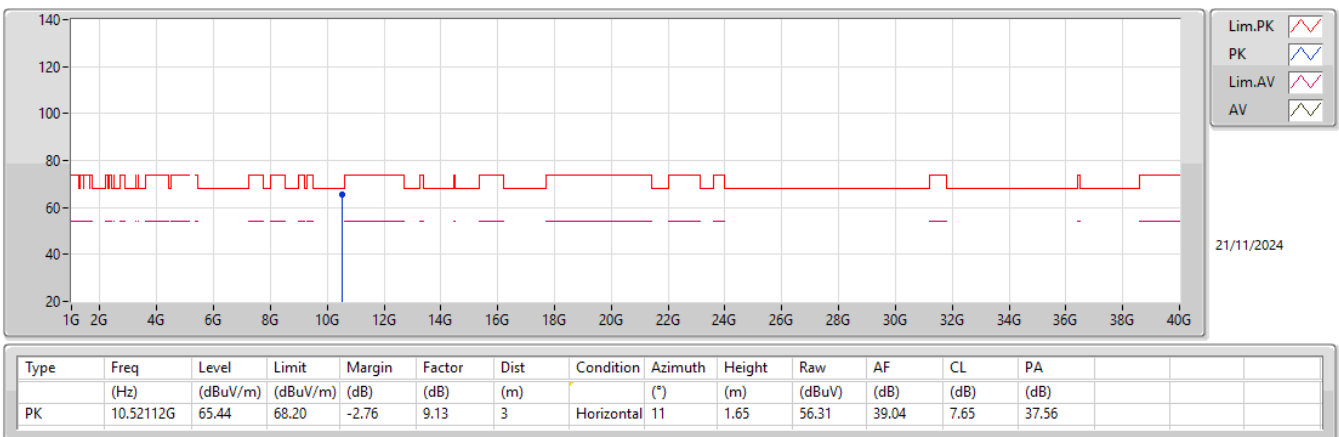
## 5.25-5.35GHz\_802.11a\_Nss1,(6Mbps)\_3TX

### 5260MHz\_TX



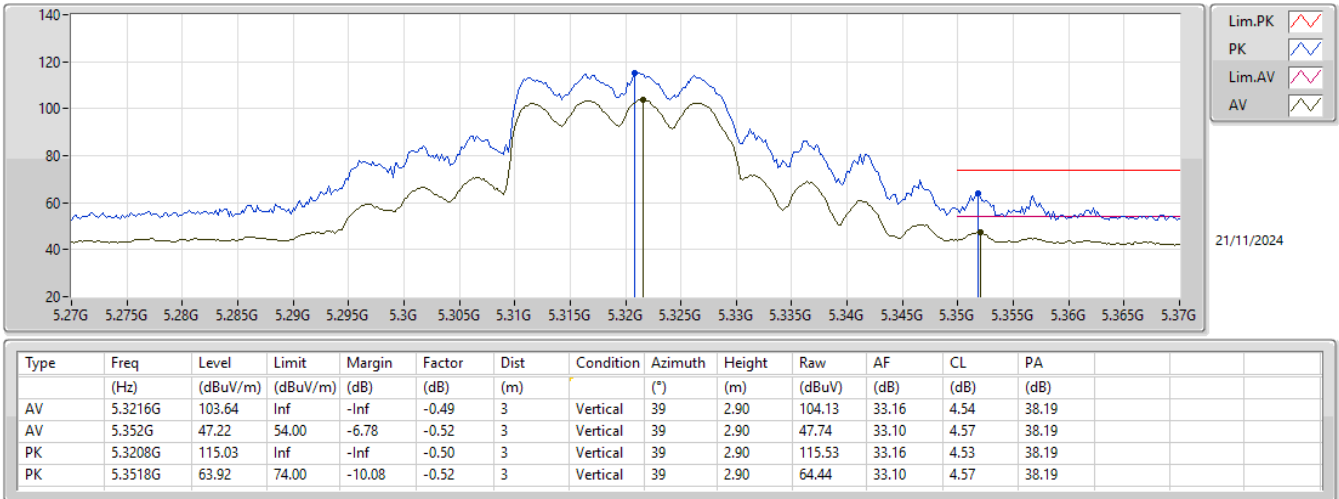
## 5.25-5.35GHz\_802.11a\_Nss1,(6Mbps)\_3TX

### 5260MHz\_TX



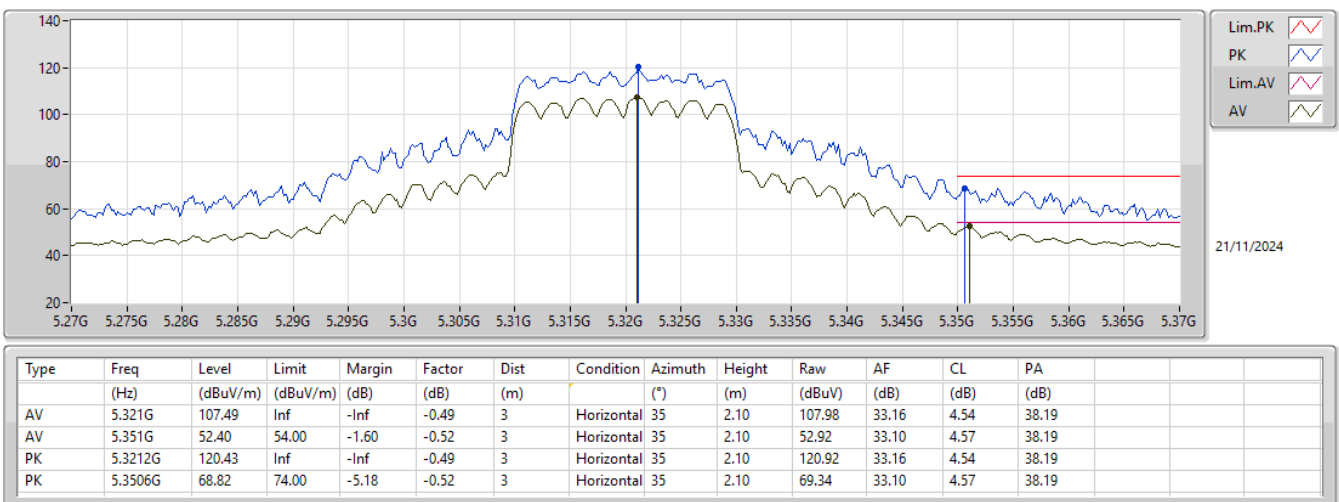
5.25-5.35GHz\_802.11be EHT20\_Nss1,(MCS0)\_3TX

5320MHz\_TX



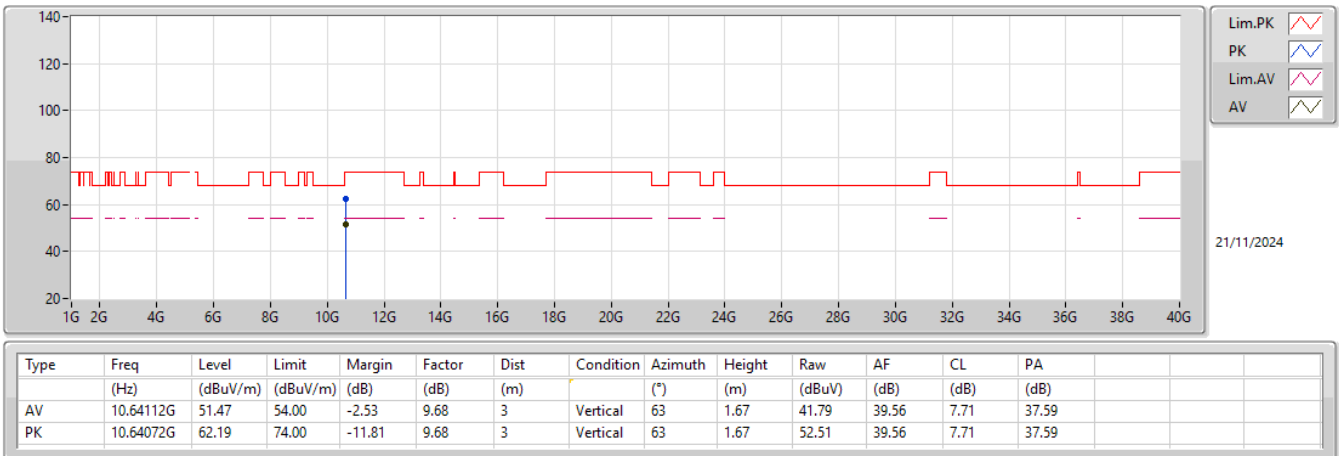
5.25-5.35GHz\_802.11be EHT20\_Nss1,(MCS0)\_3TX

5320MHz\_TX



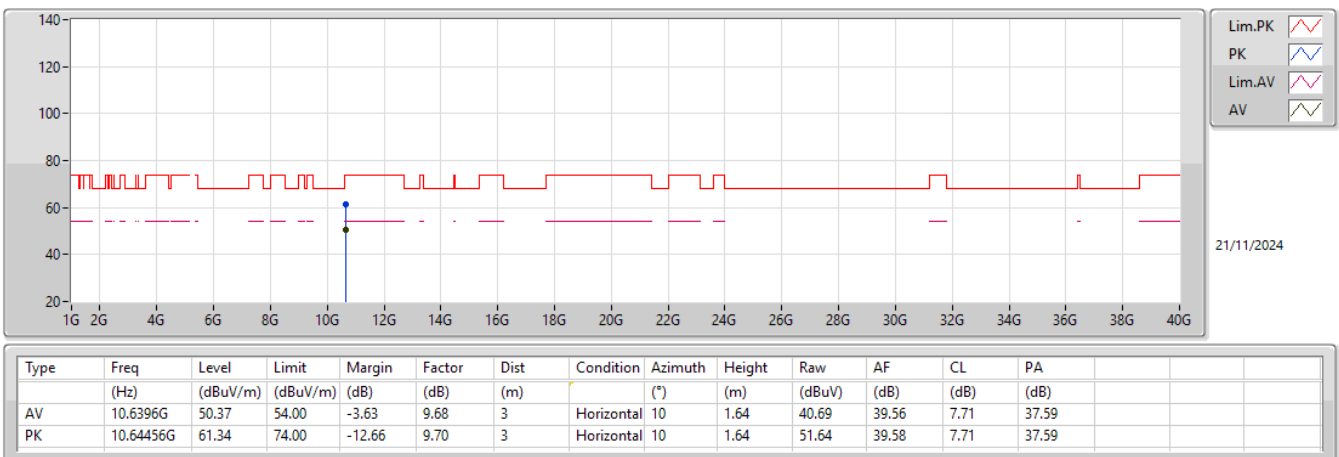
## 5.25-5.35GHz\_802.11be EHT20\_Nss1,(MCS0)\_3TX

### 5320MHz\_TX



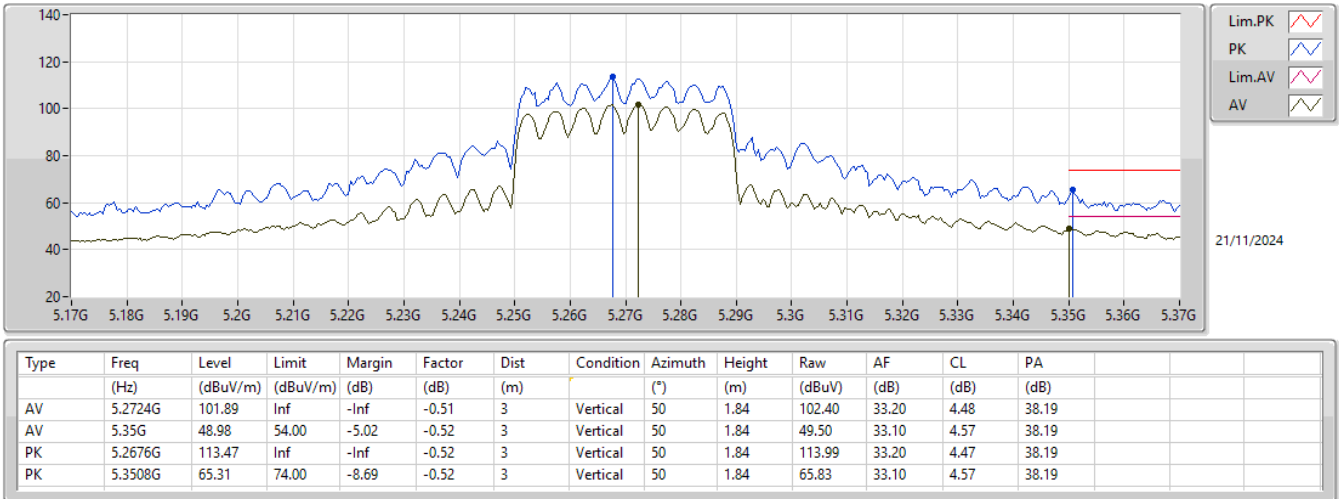
## 5.25-5.35GHz\_802.11be EHT20\_Nss1,(MCS0)\_3TX

### 5320MHz\_TX



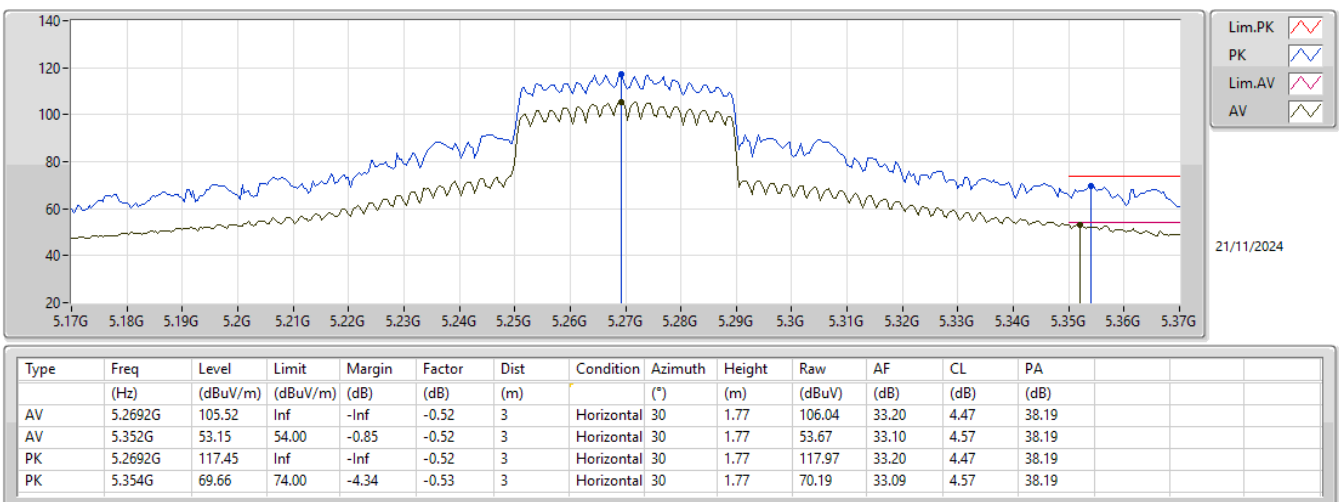
5.25-5.35GHz\_802.11be EHT40\_Nss1,(MCS0)\_3TX

5270MHz\_TX



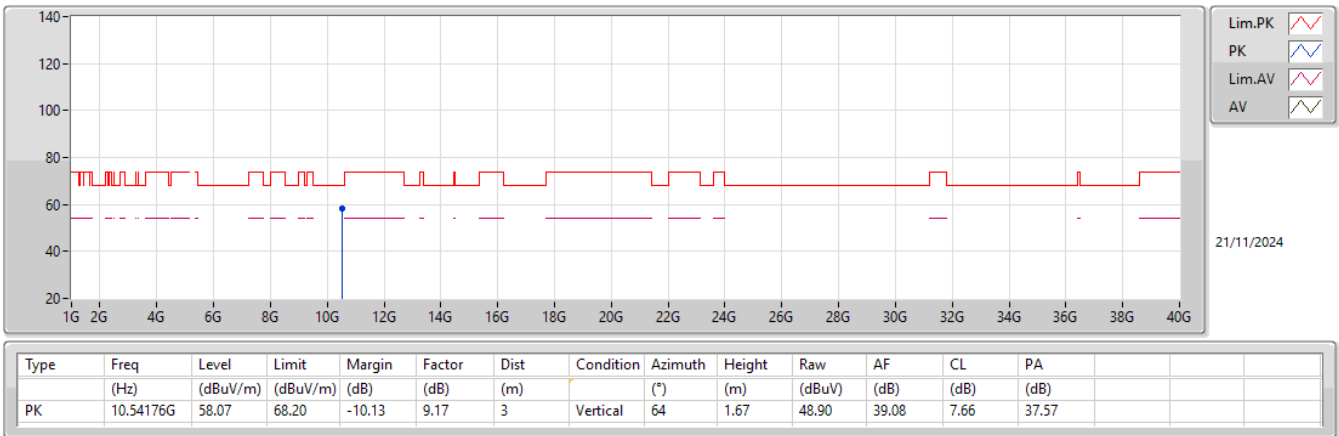
5.25-5.35GHz\_802.11be EHT40\_Nss1,(MCS0)\_3TX

5270MHz\_TX



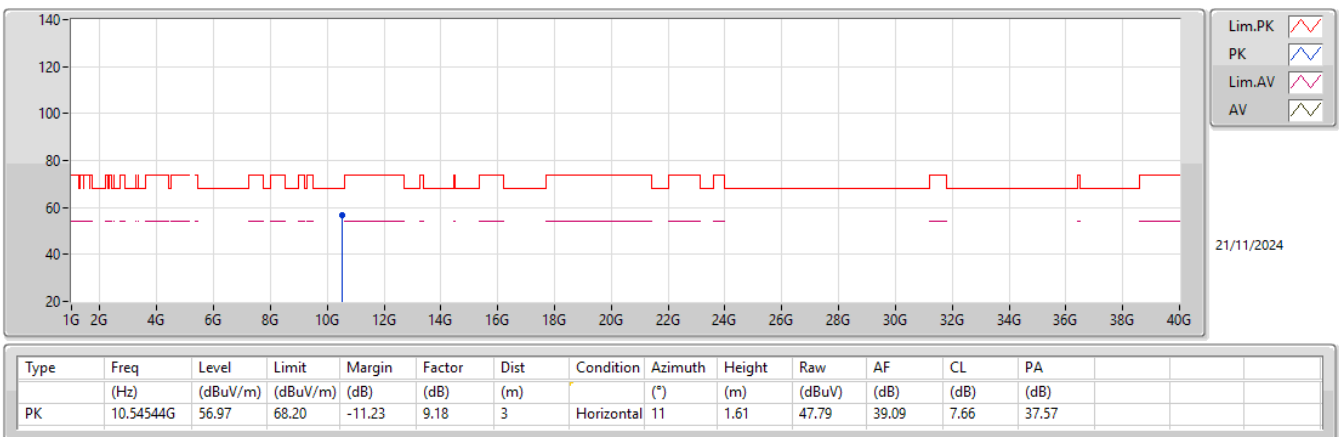
## 5.25-5.35GHz\_802.11be EHT40\_Nss1,(MCS0)\_3TX

### 5270MHz\_TX



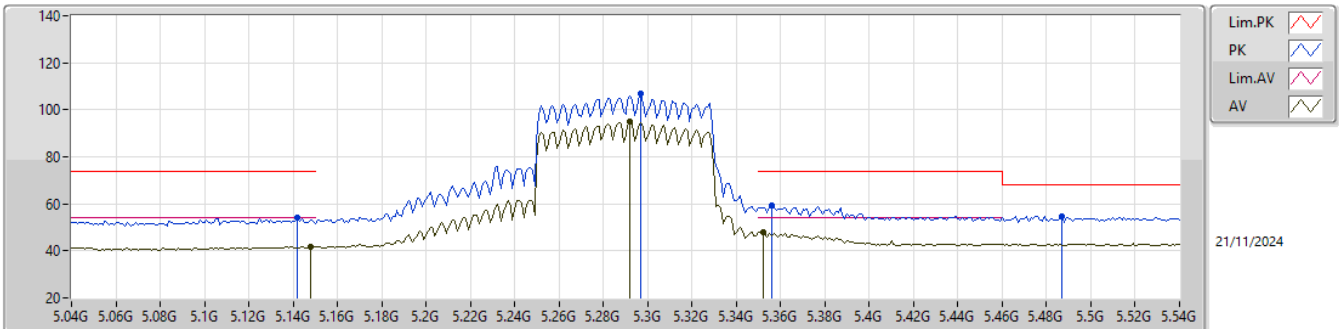
## 5.25-5.35GHz\_802.11be EHT40\_Nss1,(MCS0)\_3TX

### 5270MHz\_TX



## 5.25-5.35GHz\_802.11be EHT80\_Nss1,(MCS0)\_3TX

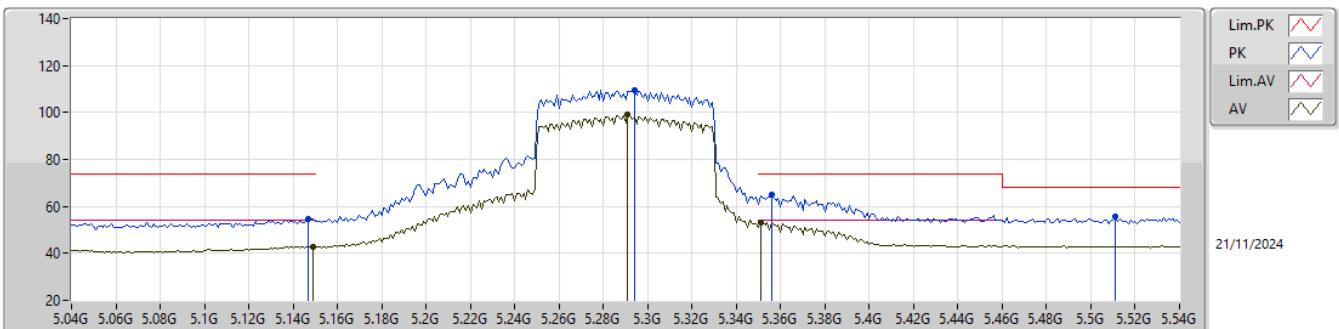
### 5290MHz\_TX



| 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   | 5.148G    | 41.92          | 54.00          | -12.08      | -0.51       | 3        | Vertical  | 40          | 1.13       | 42.43      | 33.30   | 4.37    | 38.18   |
| AV   | 5.292G    | 94.87          | Inf            | -Inf        | -0.49       | 3        | Vertical  | 40          | 1.13       | 95.36      | 33.20   | 4.50    | 38.19   |
| AV   | 5.352G    | 48.02          | 54.00          | -5.98       | -0.52       | 3        | Vertical  | 40          | 1.13       | 48.54      | 33.10   | 4.57    | 38.19   |
| PK   | 5.142G    | 54.32          | 74.00          | -19.68      | -0.54       | 3        | Vertical  | 40          | 1.13       | 54.86      | 33.28   | 4.36    | 38.18   |
| PK   | 5.297G    | 106.96         | Inf            | -Inf        | -0.48       | 3        | Vertical  | 40          | 1.13       | 107.44     | 33.20   | 4.51    | 38.19   |
| PK   | 5.356G    | 59.34          | 74.00          | -14.66      | -0.52       | 3        | Vertical  | 40          | 1.13       | 59.86      | 33.09   | 4.58    | 38.19   |
| PK   | 5.487G    | 54.75          | 68.20          | -13.45      | -0.27       | 3        | Vertical  | 40          | 1.13       | 55.02      | 33.17   | 4.76    | 38.20   |

## 5.25-5.35GHz\_802.11be EHT80\_Nss1,(MCS0)\_3TX

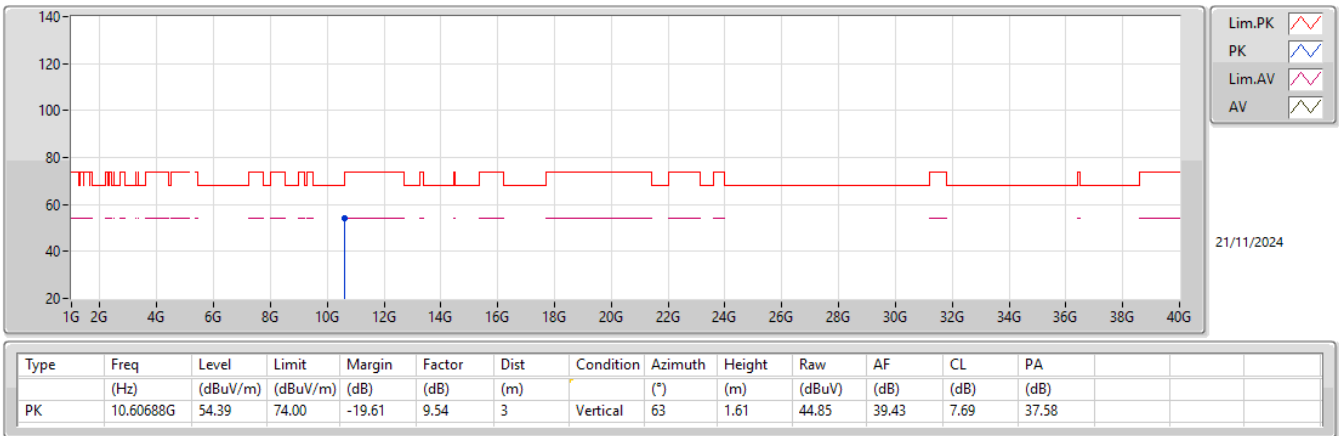
### 5290MHz\_TX



| 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   | 5.149G    | 42.75          | 54.00          | -11.25      | -0.51       | 3        | Horizontal | 32          | 1.99       | 43.26      | 33.30   | 4.37    | 38.18   |
| AV   | 5.291G    | 99.39          | Inf            | -Inf        | -0.49       | 3        | Horizontal | 32          | 1.99       | 99.88      | 33.20   | 4.50    | 38.19   |
| AV   | 5.351G    | 53.32          | 54.00          | -0.68       | -0.52       | 3        | Horizontal | 32          | 1.99       | 53.84      | 33.10   | 4.57    | 38.19   |
| PK   | 5.147G    | 54.82          | 74.00          | -19.18      | -0.52       | 3        | Horizontal | 32          | 1.99       | 55.34      | 33.29   | 4.37    | 38.18   |
| PK   | 5.294G    | 109.56         | Inf            | -Inf        | -0.49       | 3        | Horizontal | 32          | 1.99       | 110.05     | 33.20   | 4.50    | 38.19   |
| PK   | 5.356G    | 64.86          | 74.00          | -9.14       | -0.52       | 3        | Horizontal | 32          | 1.99       | 65.38      | 33.09   | 4.58    | 38.19   |
| PK   | 5.511G    | 55.47          | 68.20          | -12.73      | -0.19       | 3        | Horizontal | 32          | 1.99       | 55.66      | 33.20   | 4.80    | 38.19   |

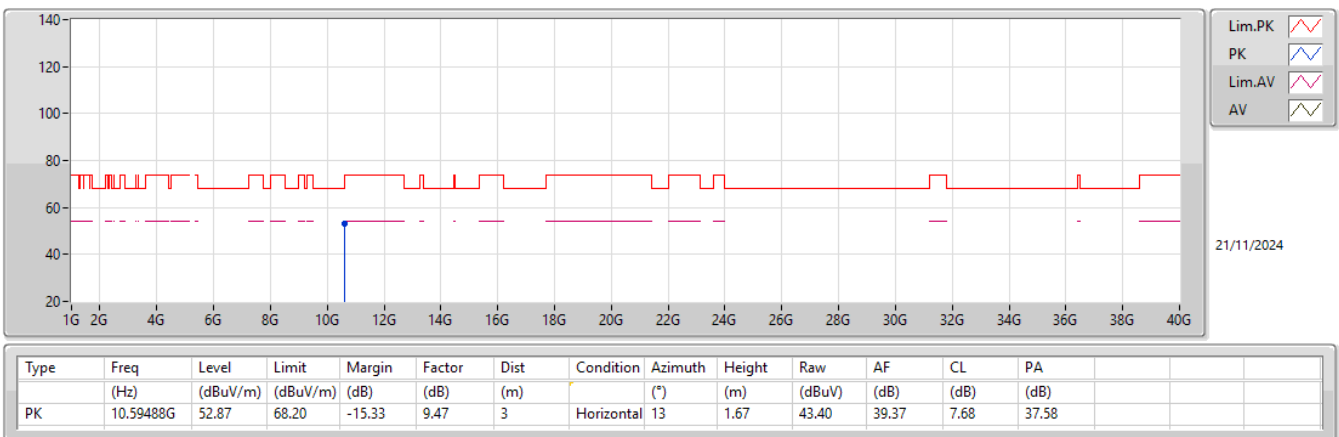
## 5.25-5.35GHz\_802.11be EHT80\_Nss1,(MCS0)\_3TX

### 5290MHz\_TX



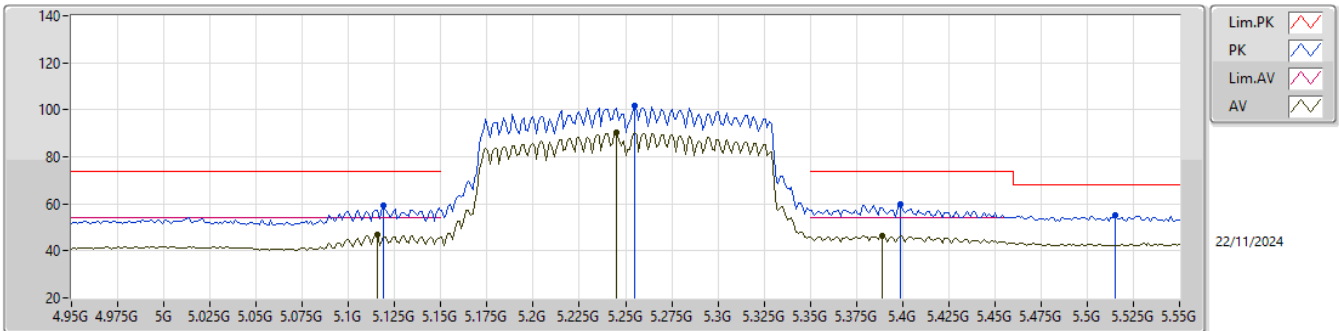
## 5.25-5.35GHz\_802.11be EHT80\_Nss1,(MCS0)\_3TX

### 5290MHz\_TX



## 5.25-5.35GHz\_802.11be EHT160\_Nss1,(MCS0)\_3TX

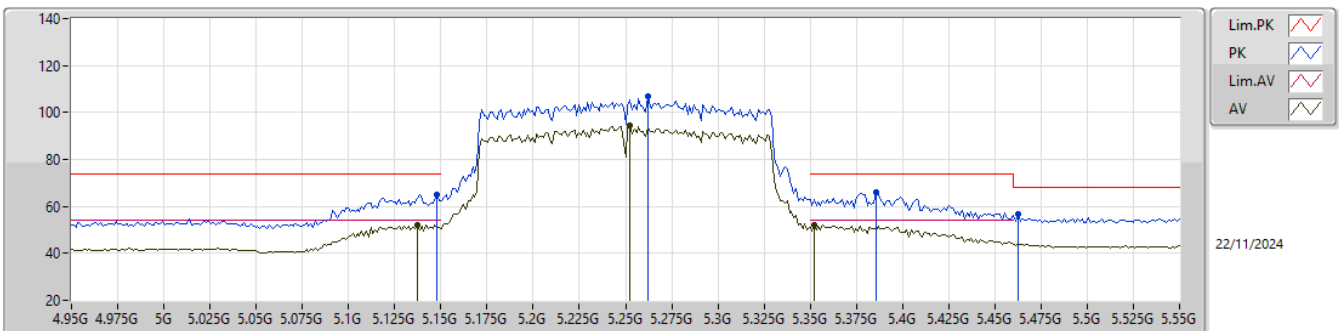
### 5250MHz Straddle 5.25-5.35GHz\_TX



| 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   | 5.1156G      | 46.66             | 54.00             | -7.34          | -0.60          | 3           | Vertical  | 50             | 1.77          | 47.26         | 33.23      | 4.35       | 38.18      |
| AV   | 5.2452G      | 90.32             | Inf               | -Inf           | -0.53          | 3           | Vertical  | 50             | 1.77          | 90.85         | 33.21      | 4.44       | 38.18      |
| AV   | 5.3892G      | 46.47             | 54.00             | -7.53          | -0.55          | 3           | Vertical  | 50             | 1.77          | 47.02         | 33.02      | 4.62       | 38.19      |
| PK   | 5.1192G      | 59.32             | 74.00             | -14.68         | -0.59          | 3           | Vertical  | 50             | 1.77          | 59.91         | 33.24      | 4.35       | 38.18      |
| PK   | 5.2548G      | 101.62            | Inf               | -Inf           | -0.53          | 3           | Vertical  | 50             | 1.77          | 102.15        | 33.20      | 4.46       | 38.19      |
| PK   | 5.3988G      | 59.94             | 74.00             | -14.06         | -0.56          | 3           | Vertical  | 50             | 1.77          | 60.50         | 33.00      | 4.63       | 38.19      |
| PK   | 5.5152G      | 55.06             | 68.20             | -13.14         | -0.18          | 3           | Vertical  | 50             | 1.77          | 55.24         | 33.20      | 4.81       | 38.19      |

## 5.25-5.35GHz\_802.11be EHT160\_Nss1,(MCS0)\_3TX

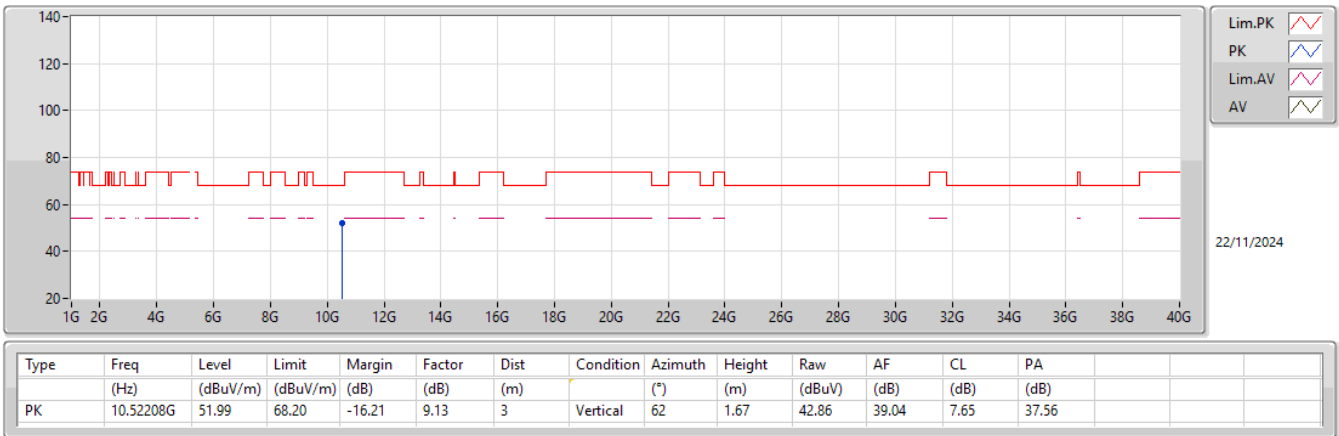
### 5250MHz Straddle 5.25-5.35GHz\_TX



| 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   | 5.1372G      | 52.08             | 54.00             | -1.92          | -0.55          | 3           | Horizontal | 56             | 1.74          | 52.63         | 33.27      | 4.36       | 38.18      |
| AV   | 5.2524G      | 94.25             | Inf               | -Inf           | -0.54          | 3           | Horizontal | 56             | 1.74          | 94.79         | 33.20      | 4.45       | 38.19      |
| AV   | 5.352G       | 52.08             | 54.00             | -1.92          | -0.52          | 3           | Horizontal | 56             | 1.74          | 52.60         | 33.10      | 4.57       | 38.19      |
| PK   | 5.148G       | 65.21             | 74.00             | -8.79          | -0.51          | 3           | Horizontal | 56             | 1.74          | 65.72         | 33.30      | 4.37       | 38.18      |
| PK   | 5.262G       | 106.95            | Inf               | -Inf           | -0.53          | 3           | Horizontal | 56             | 1.74          | 107.48        | 33.20      | 4.46       | 38.19      |
| PK   | 5.3856G      | 66.16             | 74.00             | -7.84          | -0.55          | 3           | Horizontal | 56             | 1.74          | 66.71         | 33.03      | 4.61       | 38.19      |
| PK   | 5.4624G      | 56.75             | 68.20             | -11.45         | -0.35          | 3           | Horizontal | 56             | 1.74          | 57.10         | 33.12      | 4.73       | 38.20      |

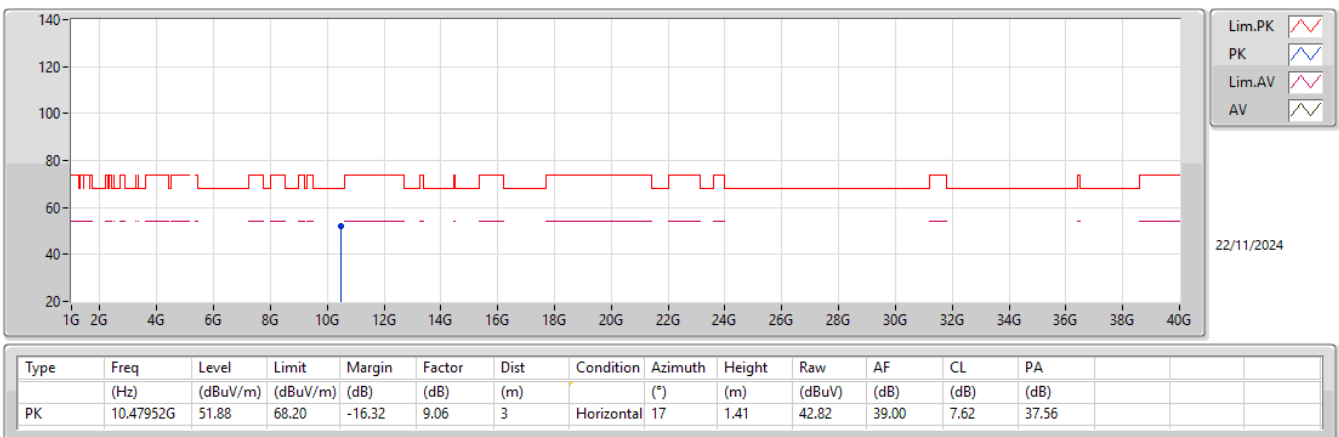
## 5.25-5.35GHz\_802.11be EHT160\_Nss1,(MCS0)\_3TX

### 5250MHz Straddle 5.25-5.35GHz\_TX



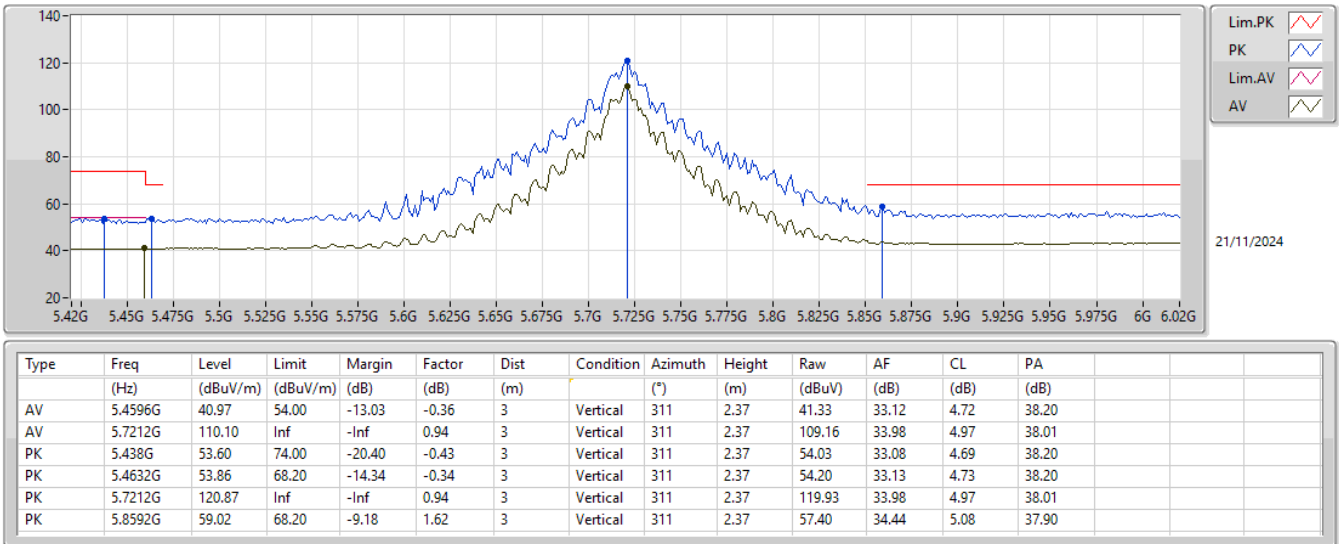
## 5.25-5.35GHz\_802.11be EHT160\_Nss1,(MCS0)\_3TX

### 5250MHz Straddle 5.25-5.35GHz\_TX



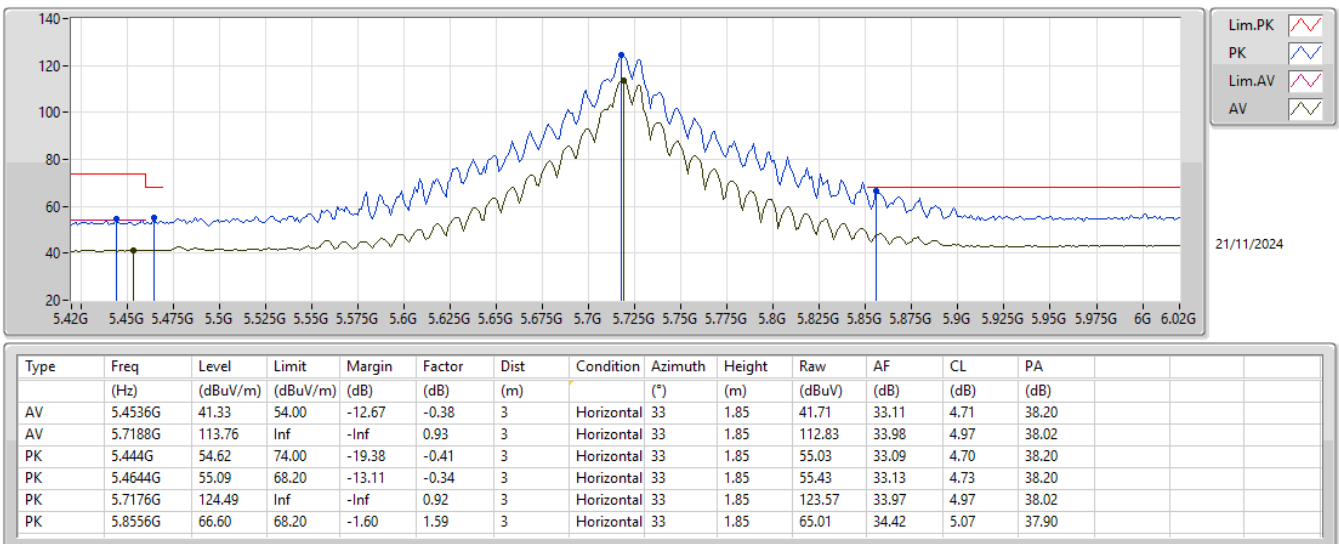
## 5.47-5.725GHz\_802.11a\_Nss1,(6Mbps)\_3TX

### 5720MHz Straddle 5.47-5.725GHz\_TX



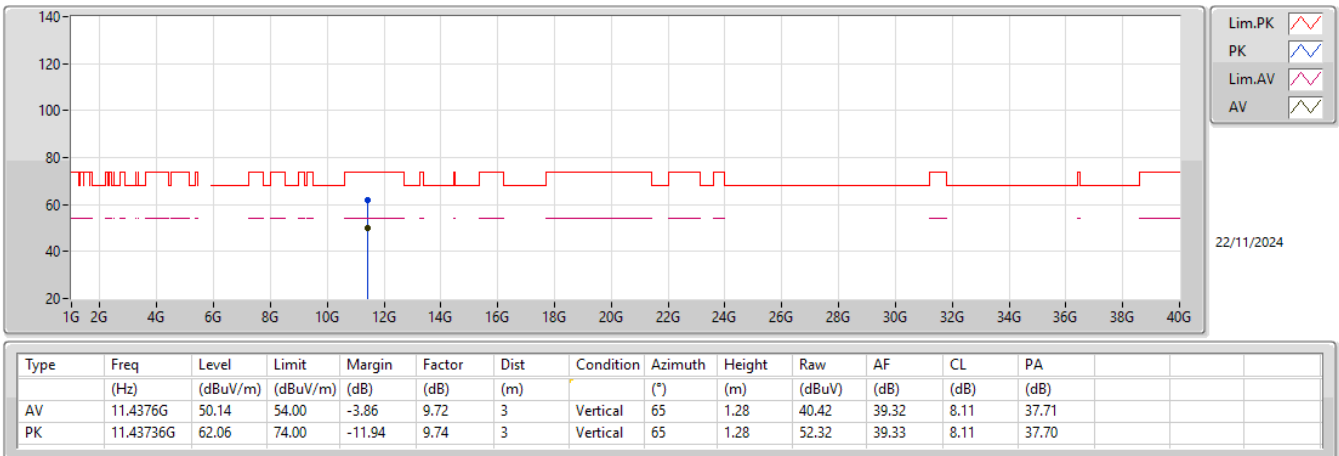
## 5.47-5.725GHz\_802.11a\_Nss1,(6Mbps)\_3TX

### 5720MHz Straddle 5.47-5.725GHz\_TX



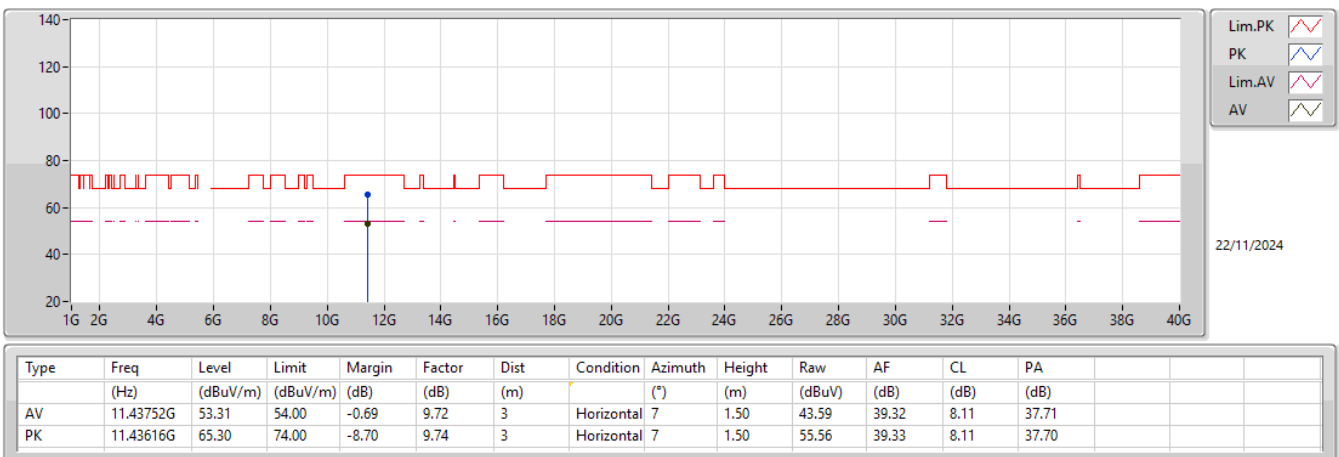
## 5.47-5.725GHz\_802.11a\_Nss1,(6Mbps)\_3TX

### 5720MHz Straddle 5.47-5.725GHz\_TX



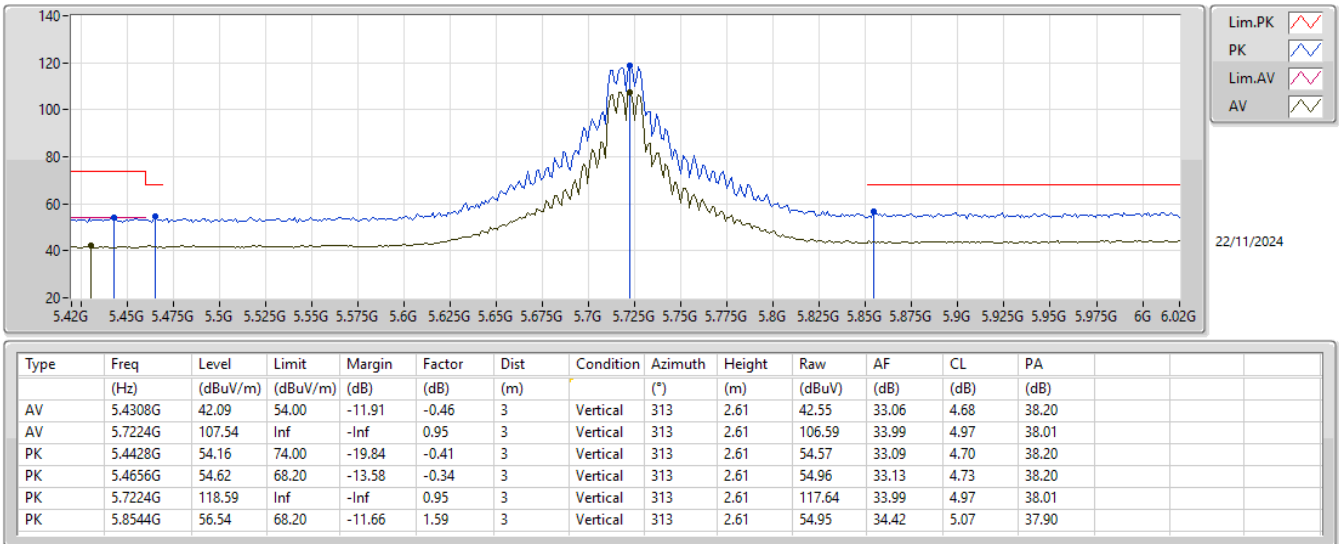
## 5.47-5.725GHz\_802.11a\_Nss1,(6Mbps)\_3TX

### 5720MHz Straddle 5.47-5.725GHz\_TX



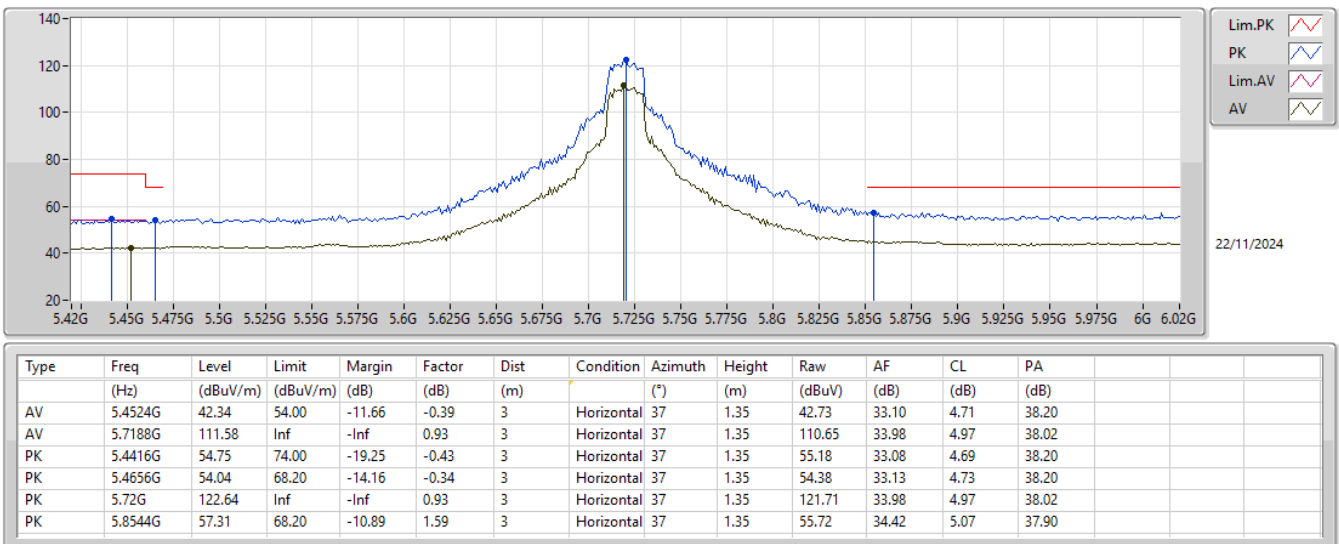
## 5.47-5.725GHz\_802.11be EHT20\_Nss1,(MCS0)\_3TX

### 5720MHz Straddle 5.47-5.725GHz\_TX



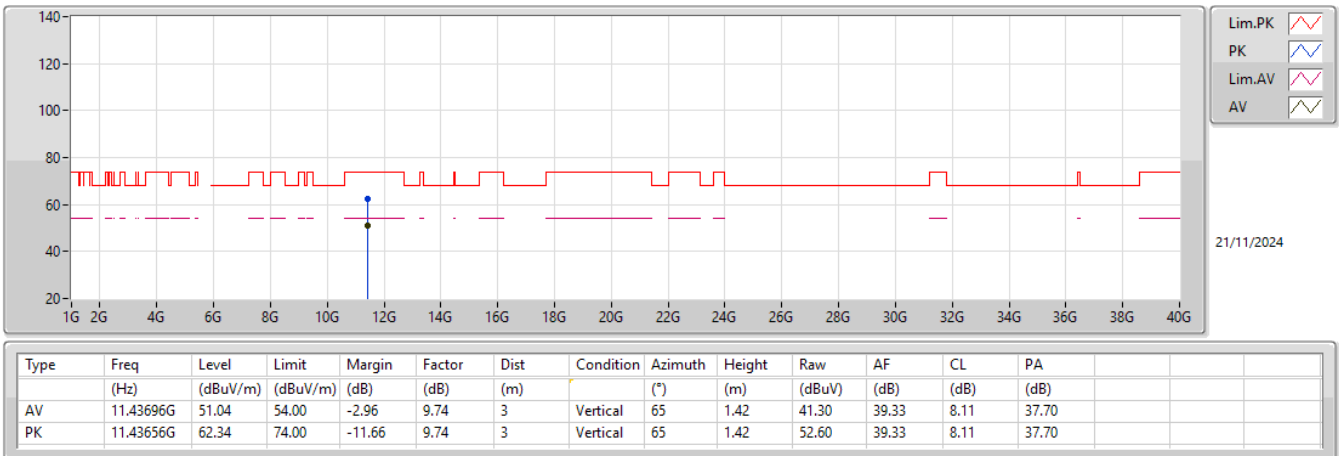
## 5.47-5.725GHz\_802.11be EHT20\_Nss1,(MCS0)\_3TX

### 5720MHz Straddle 5.47-5.725GHz\_TX



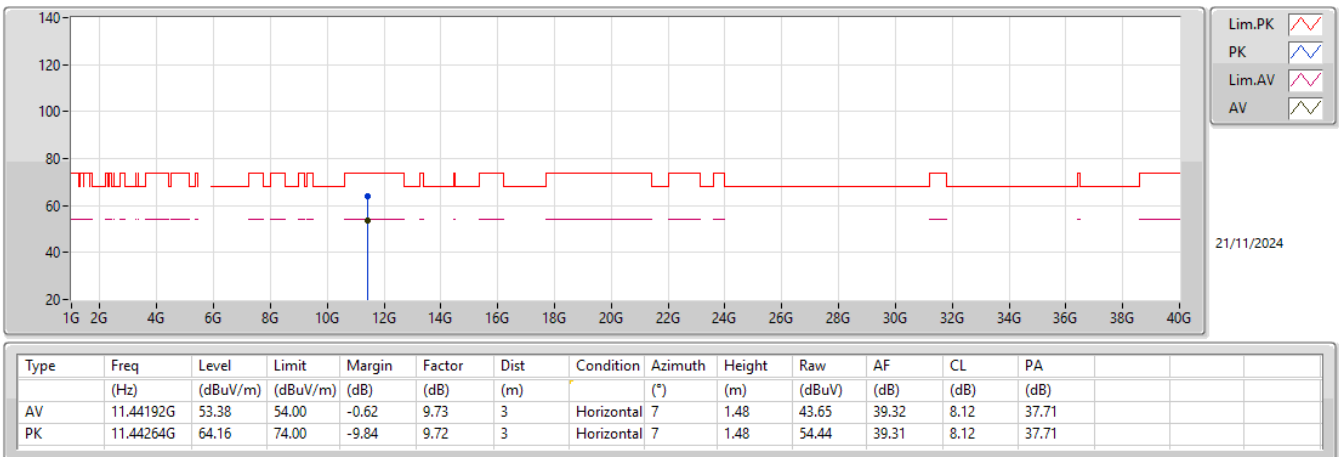
5.47-5.725GHz\_802.11be EHT20\_Nss1,(MCS0)\_3TX

5720MHz Straddle 5.47-5.725GHz\_TX



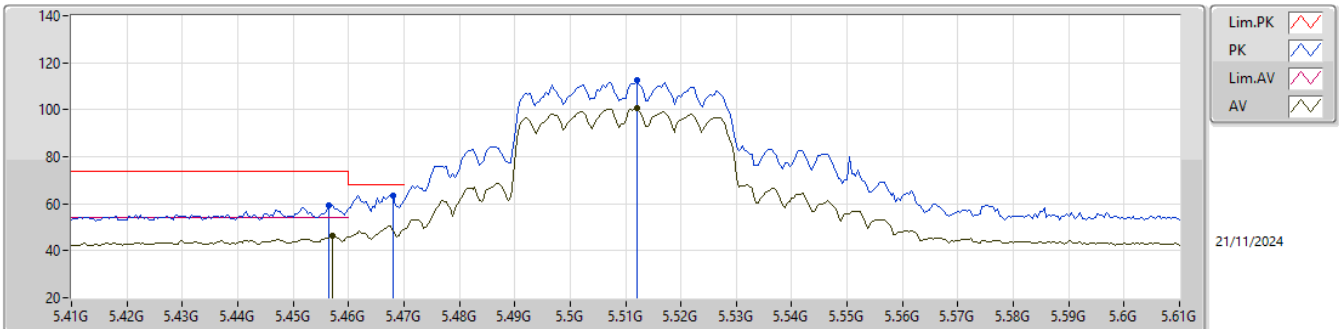
5.47-5.725GHz\_802.11be EHT20\_Nss1,(MCS0)\_3TX

5720MHz Straddle 5.47-5.725GHz\_TX



5.47-5.725GHz\_802.11be EHT40\_Nss1,(MCS0)\_3TX

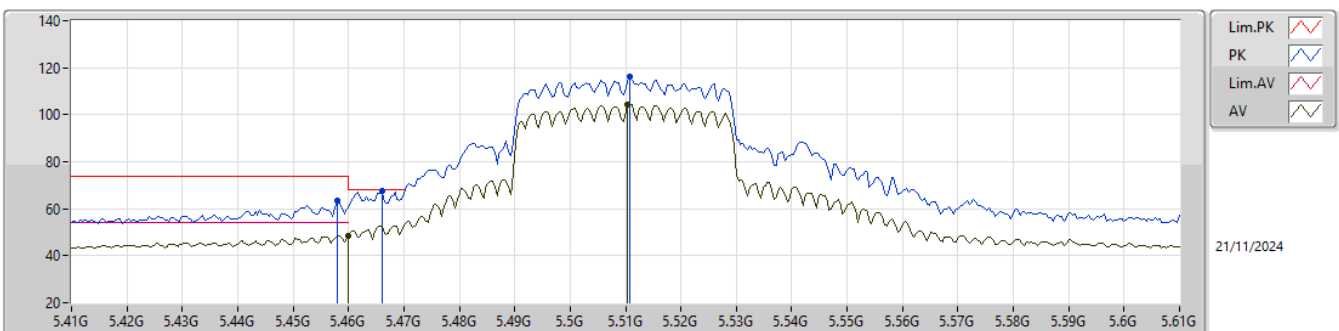
5510MHz\_TX



| 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   | 5.4572G   | 46.21          | 54.00          | -7.79       | -0.37       | 3        | Vertical  | 50          | 1.68       | 46.58      | 33.11   | 4.72    | 38.20   |
| AV   | 5.512G    | 100.57         | Inf            | -Inf        | -0.19       | 3        | Vertical  | 50          | 1.68       | 100.76     | 33.20   | 4.80    | 38.19   |
| PK   | 5.4564G   | 59.32          | 74.00          | -14.68      | -0.37       | 3        | Vertical  | 50          | 1.68       | 59.69      | 33.11   | 4.72    | 38.20   |
| PK   | 5.468G    | 63.58          | 68.20          | -4.62       | -0.32       | 3        | Vertical  | 50          | 1.68       | 63.90      | 33.14   | 4.74    | 38.20   |
| PK   | 5.512G    | 112.52         | Inf            | -Inf        | -0.19       | 3        | Vertical  | 50          | 1.68       | 112.71     | 33.20   | 4.80    | 38.19   |

5.47-5.725GHz\_802.11be EHT40\_Nss1,(MCS0)\_3TX

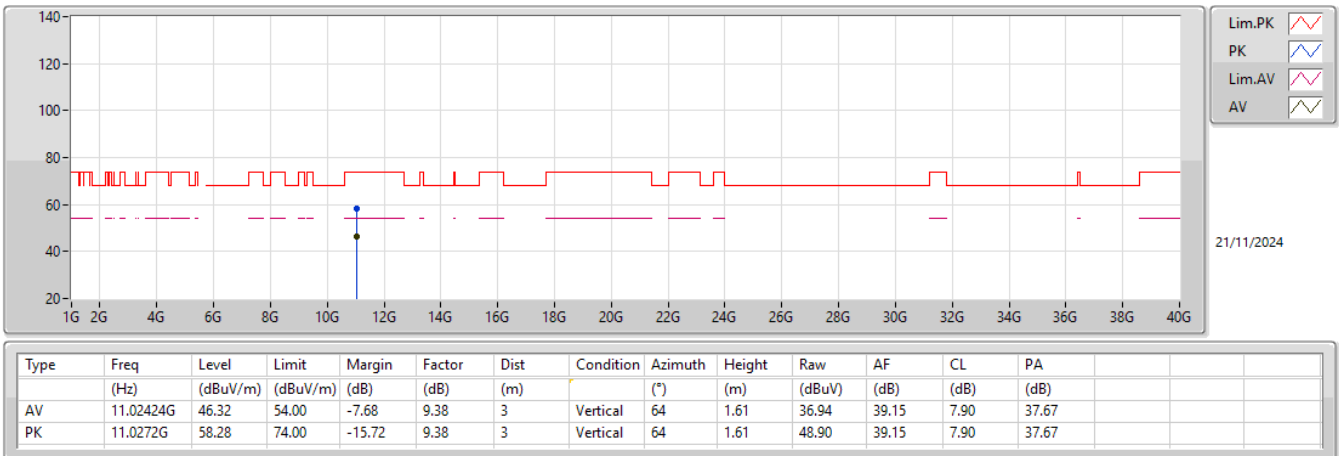
5510MHz\_TX



| 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   | 5.46G     | 48.62          | 54.00          | -5.38       | -0.36       | 3        | Horizontal | 36          | 2.01       | 48.98      | 33.12   | 4.72    | 38.20   |
| AV   | 5.5104G   | 104.25         | Inf            | -Inf        | -0.19       | 3        | Horizontal | 36          | 2.01       | 104.44     | 33.20   | 4.80    | 38.19   |
| PK   | 5.458G    | 63.70          | 74.00          | -10.30      | -0.36       | 3        | Horizontal | 36          | 2.01       | 64.06      | 33.12   | 4.72    | 38.20   |
| PK   | 5.466G    | 67.55          | 68.20          | -0.65       | -0.34       | 3        | Horizontal | 36          | 2.01       | 67.89      | 33.13   | 4.73    | 38.20   |
| PK   | 5.5108G   | 116.01         | Inf            | -Inf        | -0.19       | 3        | Horizontal | 36          | 2.01       | 116.20     | 33.20   | 4.80    | 38.19   |

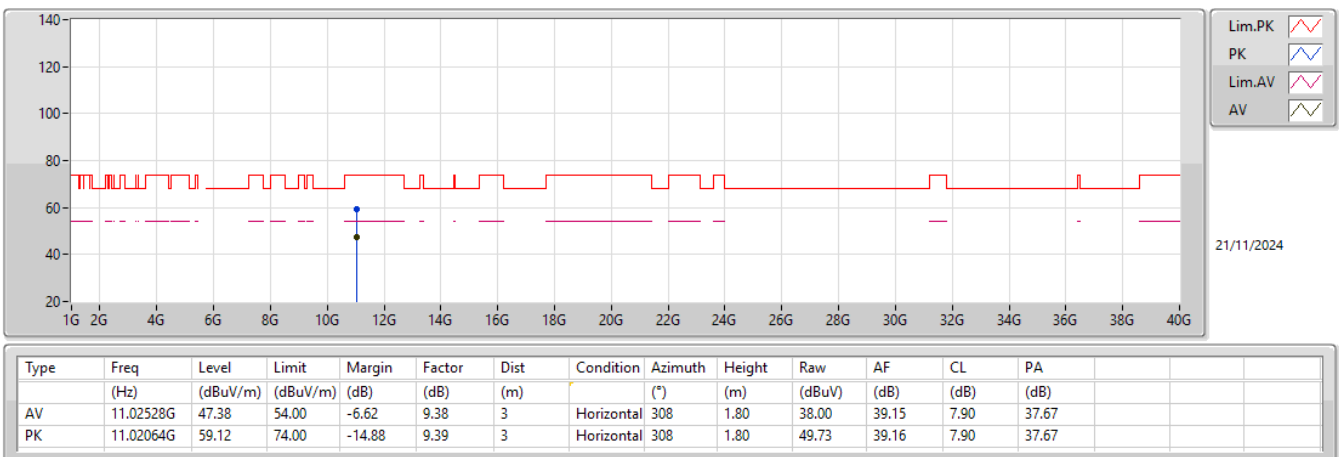
## 5.47-5.725GHz\_802.11be EHT40\_Nss1,(MCS0)\_3TX

### 5510MHz\_TX



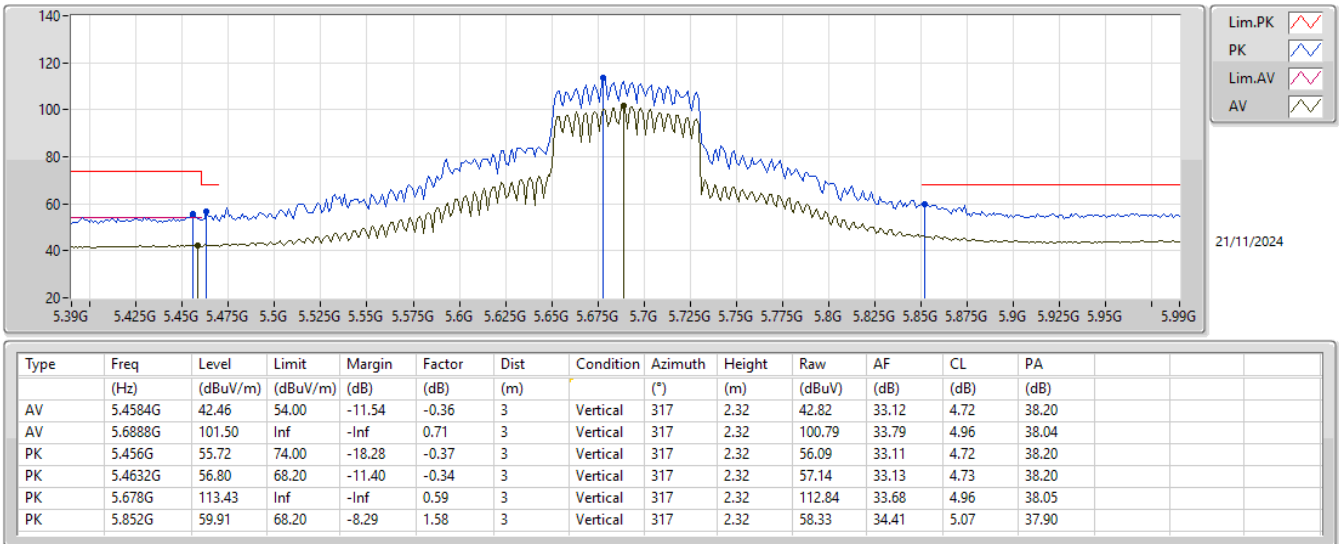
## 5.47-5.725GHz\_802.11be EHT40\_Nss1,(MCS0)\_3TX

### 5510MHz\_TX



5.47-5.725GHz\_802.11be EHT80\_Nss1,(MCS0)\_3TX

5690MHz Straddle 5.47-5.725GHz\_TX



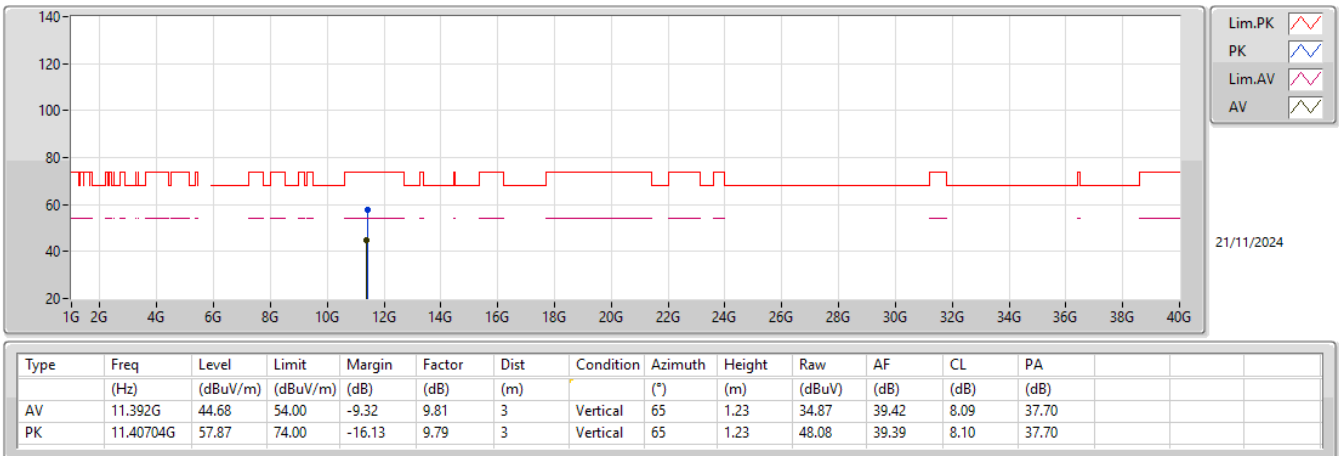
5.47-5.725GHz\_802.11be EHT80\_Nss1,(MCS0)\_3TX

5690MHz Straddle 5.47-5.725GHz\_TX



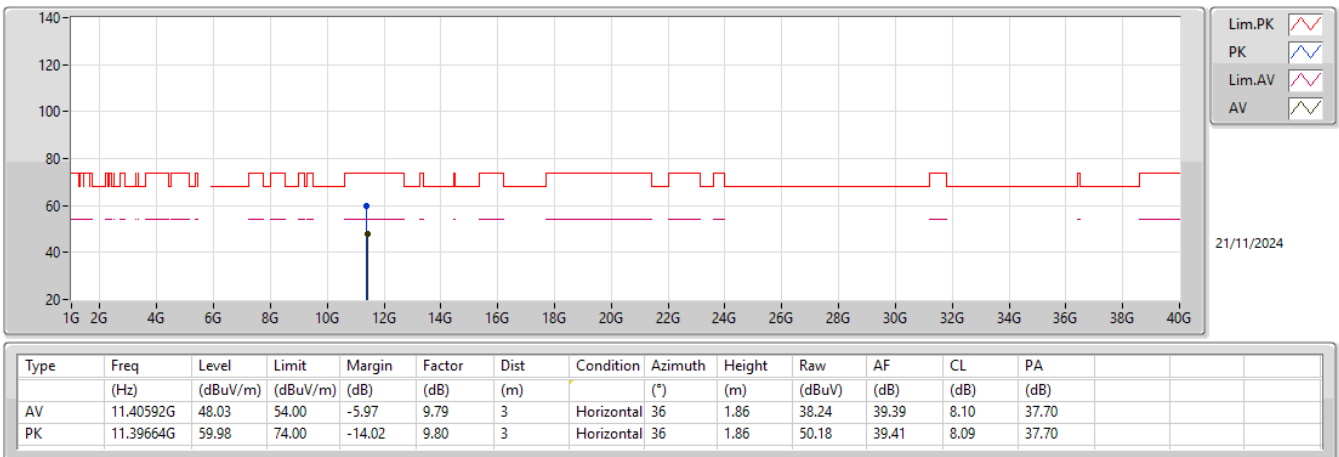
## 5.47-5.725GHz\_802.11be EHT80\_Nss1,(MCS0)\_3TX

### 5690MHz Straddle 5.47-5.725GHz\_TX



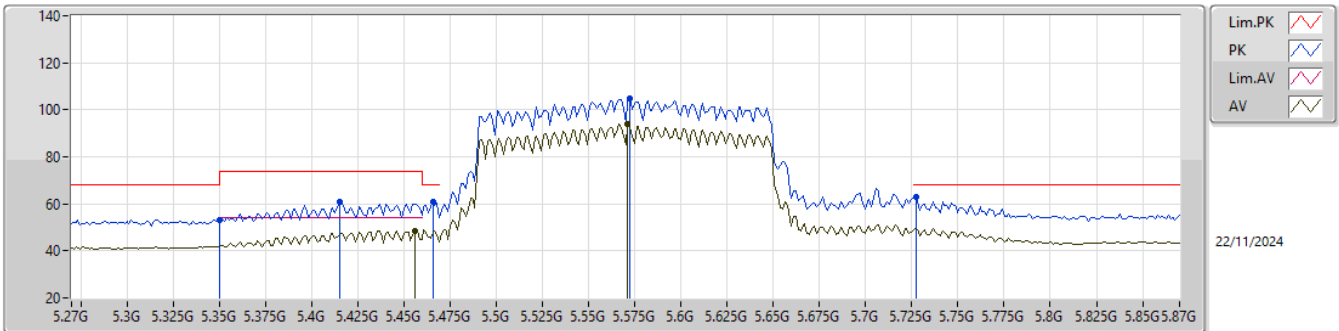
## 5.47-5.725GHz\_802.11be EHT80\_Nss1,(MCS0)\_3TX

### 5690MHz Straddle 5.47-5.725GHz\_TX



## 5.47-5.725GHz\_802.11be EHT160\_Nss1,(MCS0)\_3TX

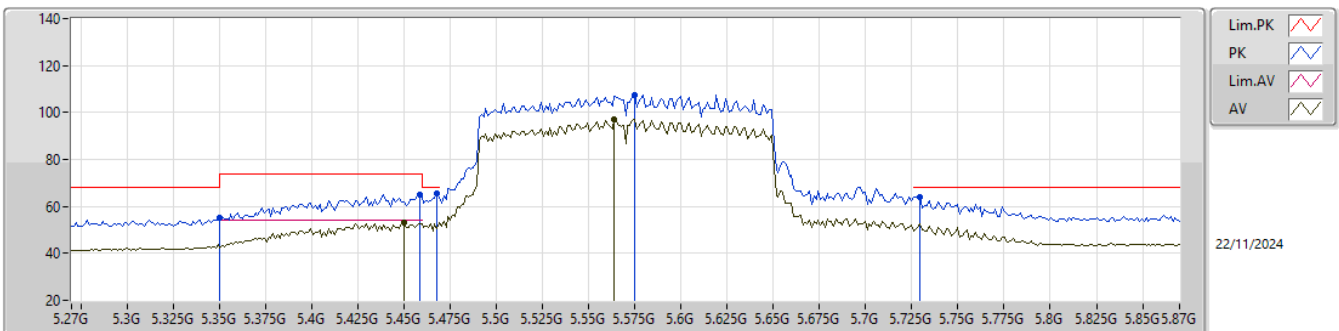
### 5570MHz\_TX



| 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   | 5.456G    | 48.67          | 54.00          | -5.33       | -0.37       | 3        | Vertical  | 311         | 1.49       | 49.04      | 33.11   | 4.72    | 38.20   |
| AV   | 5.5712G   | 93.83          | Inf            | -Inf        | -0.08       | 3        | Vertical  | 311         | 1.49       | 93.91      | 33.16   | 4.90    | 38.14   |
| PK   | 5.35G     | 53.28          | 74.00          | -20.72      | -0.52       | 3        | Vertical  | 311         | 1.49       | 53.80      | 33.10   | 4.57    | 38.19   |
| PK   | 5.4152G   | 60.68          | 74.00          | -13.32      | -0.51       | 3        | Vertical  | 311         | 1.49       | 61.19      | 33.03   | 4.65    | 38.19   |
| PK   | 5.4656G   | 61.02          | 68.20          | -7.18       | -0.34       | 3        | Vertical  | 311         | 1.49       | 61.36      | 33.13   | 4.73    | 38.20   |
| PK   | 5.5724G   | 104.62         | Inf            | -Inf        | -0.08       | 3        | Vertical  | 311         | 1.49       | 104.70     | 33.16   | 4.90    | 38.14   |
| PK   | 5.7272G   | 62.75          | 68.20          | -5.45       | 0.97        | 3        | Vertical  | 311         | 1.49       | 61.78      | 34.01   | 4.97    | 38.01   |

## 5.47-5.725GHz\_802.11be EHT160\_Nss1,(MCS0)\_3TX

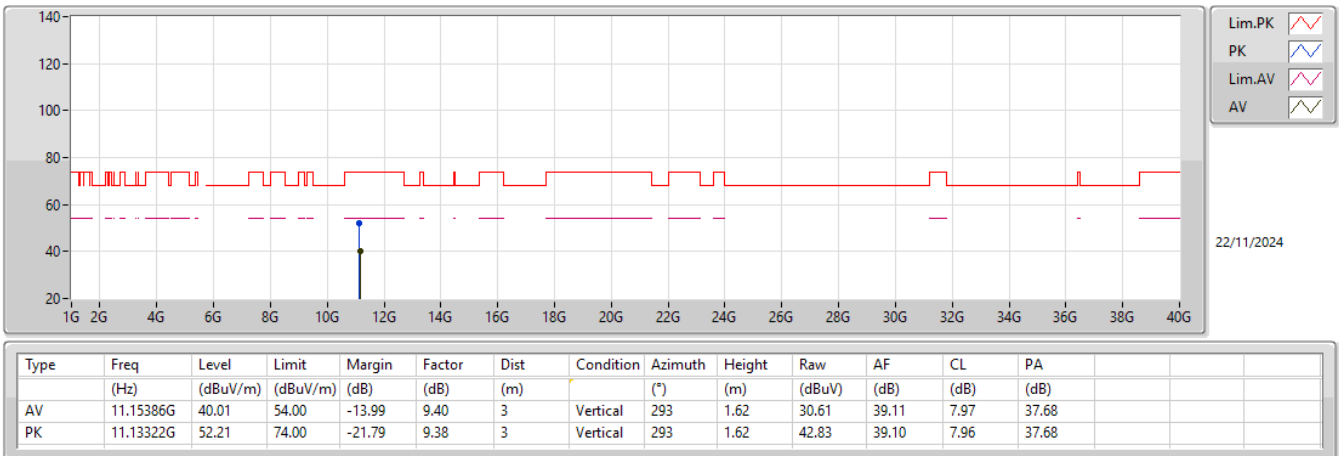
### 5570MHz\_TX



| 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   | 5.45G     | 52.86          | 54.00          | -1.14       | -0.39       | 3        | Horizontal | 37          | 2.41       | 53.25      | 33.10   | 4.71    | 38.20   |
| AV   | 5.564G    | 97.29          | Inf            | -Inf        | -0.10       | 3        | Horizontal | 37          | 2.41       | 97.39      | 33.17   | 4.88    | 38.15   |
| PK   | 5.35G     | 55.20          | 74.00          | -18.80      | -0.52       | 3        | Horizontal | 37          | 2.41       | 55.72      | 33.10   | 4.57    | 38.19   |
| PK   | 5.4584G   | 65.10          | 74.00          | -8.90       | -0.36       | 3        | Horizontal | 37          | 2.41       | 65.46      | 33.12   | 4.72    | 38.20   |
| PK   | 5.468G    | 65.26          | 68.20          | -2.94       | -0.32       | 3        | Horizontal | 37          | 2.41       | 65.58      | 33.14   | 4.74    | 38.20   |
| PK   | 5.5748G   | 107.61         | Inf            | -Inf        | -0.09       | 3        | Horizontal | 37          | 2.41       | 107.70     | 33.15   | 4.90    | 38.14   |
| PK   | 5.7296G   | 64.20          | 68.20          | -4.00       | 0.98        | 3        | Horizontal | 37          | 2.41       | 63.22      | 34.02   | 4.97    | 38.01   |

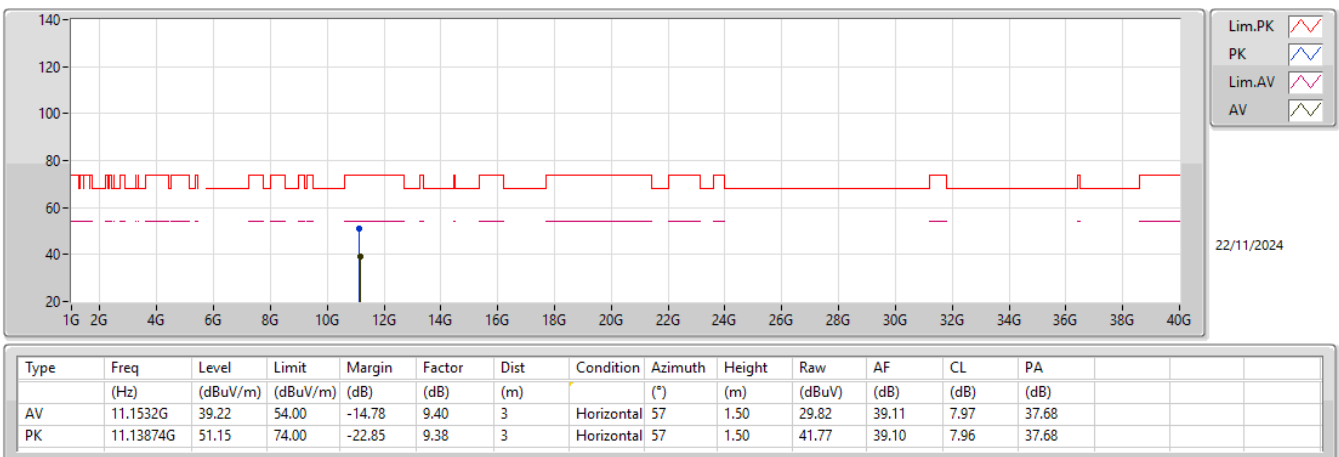
5.47-5.725GHz\_802.11be EHT160\_Nss1,(MCS0)\_3TX

5570MHz\_TX



5.47-5.725GHz\_802.11be EHT160\_Nss1,(MCS0)\_3TX

5570MHz\_TX





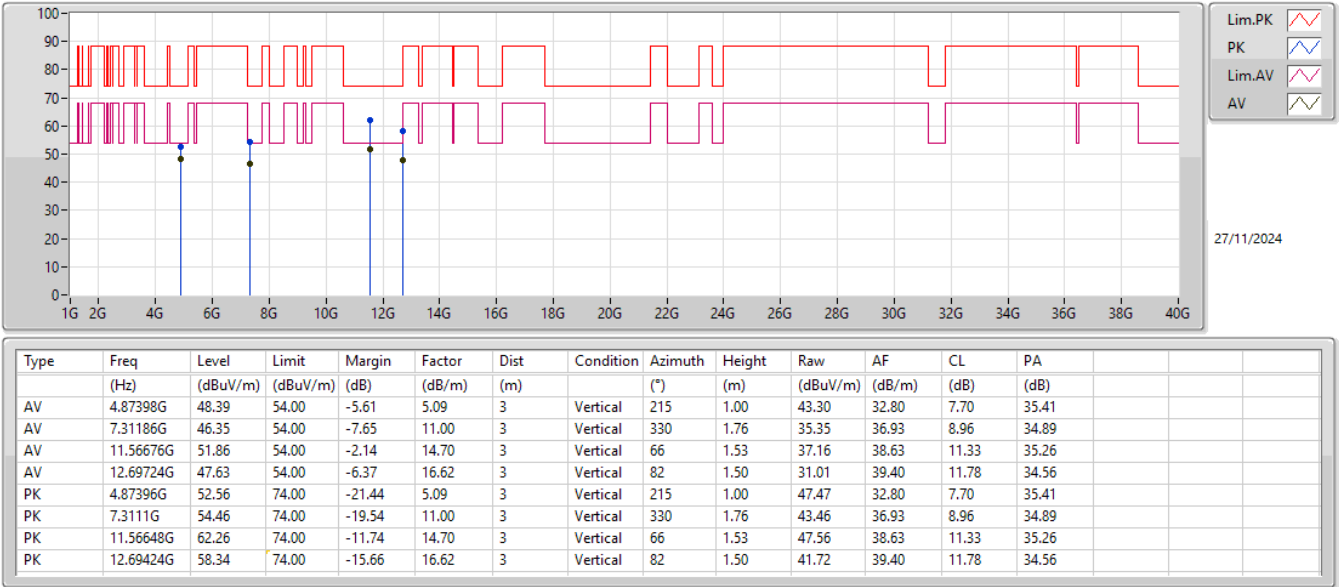
**Summary**

| Mode   | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Condition  |
|--------|--------|------|--------------|-------------------|-------------------|----------------|------------|
| Mode 1 | Pass   | AV   | 11.56768G    | 53.57             | 54.00             | -0.43          | Horizontal |

**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) |
|--------|--------|------|--------------|-------------------|-------------------|----------------|-------------|------------|----------------|---------------|
| Mode 1 | Pass   | AV   | 4.87398G     | 48.39             | 54.00             | -5.61          | 3           | Vertical   | 215            | 1.00          |
| Mode 1 | Pass   | AV   | 7.31186G     | 46.35             | 54.00             | -7.65          | 3           | Vertical   | 330            | 1.76          |
| Mode 1 | Pass   | AV   | 11.56676G    | 51.86             | 54.00             | -2.14          | 3           | Vertical   | 66             | 1.53          |
| Mode 1 | Pass   | AV   | 12.69724G    | 47.63             | 54.00             | -6.37          | 3           | Vertical   | 82             | 1.50          |
| Mode 1 | Pass   | PK   | 4.87396G     | 52.56             | 74.00             | -21.44         | 3           | Vertical   | 215            | 1.00          |
| Mode 1 | Pass   | PK   | 7.3111G      | 54.46             | 74.00             | -19.54         | 3           | Vertical   | 330            | 1.76          |
| Mode 1 | Pass   | PK   | 11.56648G    | 62.26             | 74.00             | -11.74         | 3           | Vertical   | 66             | 1.53          |
| Mode 1 | Pass   | PK   | 12.69424G    | 58.34             | 74.00             | -15.66         | 3           | Vertical   | 82             | 1.50          |
| Mode 1 | Pass   | AV   | 4.87403G     | 43.23             | 54.00             | -10.77         | 3           | Horizontal | 338            | 1.15          |
| Mode 1 | Pass   | AV   | 7.31198G     | 45.56             | 54.00             | -8.44          | 3           | Horizontal | 326            | 1.50          |
| Mode 1 | Pass   | AV   | 11.56768G    | 53.57             | 54.00             | -0.43          | 3           | Horizontal | 7              | 1.50          |
| Mode 1 | Pass   | AV   | 12.69304G    | 47.57             | 54.00             | -6.43          | 3           | Horizontal | 117            | 1.50          |
| Mode 1 | Pass   | PK   | 4.87404G     | 50.36             | 74.00             | -23.64         | 3           | Horizontal | 338            | 1.15          |
| Mode 1 | Pass   | PK   | 7.31198G     | 54.59             | 74.00             | -19.41         | 3           | Horizontal | 326            | 1.50          |
| Mode 1 | Pass   | PK   | 11.56684G    | 63.46             | 74.00             | -10.54         | 3           | Horizontal | 7              | 1.50          |
| Mode 1 | Pass   | PK   | 12.68932G    | 57.79             | 74.00             | -16.21         | 3           | Horizontal | 117            | 1.50          |

### Radiated Emissions above 1GHz\_Mode 1



### Radiated Emissions above 1GHz\_Mode 1

