



# RADIO TEST REPORT

**FCC ID** : N89-75W311AV1  
**Equipment** : BE5000 Wireless Dual Band Wall Mount Access Point  
**Brand Name** : SonicFi  
**Model Name** : RAP750W-311A  
**Applicant** : CyberTAN Technology Inc.  
No. 99, Park Avenue III Science-based Industrial Park  
Hsinchu Taiwan 308  
**Manufacturer** : CyberTAN Technology Inc.  
No. 99, Park Avenue III Science-based Industrial Park  
Hsinchu Taiwan 308  
**Standard** : 47 CFR FCC Part 15.407

The product was received on Aug. 19, 2024, and testing was started from Aug. 20, 2024 and completed on Oct. 31, 2024. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. Hsinchu Laboratory, the test report shall not be reproduced except in full.

Approved by: Sam Chen

**Sporton International Inc. Hsinchu Laboratory**

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TEL : 886-3-656-9065  
FAX : 886-3-656-9085  
Report Template No.: CB-A12\_6 Ver2.0



## Summary of Test Result

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

**Conformity Assessment Condition:**

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the chapter "Measurement Uncertainty".

**Disclaimer:**

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

**Reviewed by: Sam Chen****Report Producer: Muse Chan**



# 1 General Description

## 1.1 Information

### 1.1.1 RF General Information

| Frequency Range (MHz) | IEEE Std. 802.11                                   | Ch. Frequency (MHz) | Channel Number |
|-----------------------|----------------------------------------------------|---------------------|----------------|
| 5725-5895             | a, n (HT20), ac (VHT20),<br>ax (HEW20), be (EHT20) | 5845-5885           | 169-177 [3]    |
| 5725-5895             | n (HT40), ac (VHT40),<br>ax (HEW40), be (EHT40)    | 5835-5875           | 167-175 [2]    |
| 5725-5895             | ac (VHT80), ax (HEW80),<br>be (EHT80)              | 5855                | 171 [1]        |
| 5725-5895             | ac (VHT160),<br>ax (HEW160),<br>be (EHT160)        | 5815                | 163 [1]        |

| Band           | Mode              | BWch (MHz) | Nant |
|----------------|-------------------|------------|------|
| 5.725-5.895GHz | 802.11a           | 20         | 2TX  |
| 5.725-5.895GHz | 802.11n HT20      | 20         | 2TX  |
| 5.725-5.895GHz | 802.11n HT20-BF   | 20         | 2TX  |
| 5.725-5.895GHz | 802.11ac VHT20    | 20         | 2TX  |
| 5.725-5.895GHz | 802.11ac VHT20-BF | 20         | 2TX  |
| 5.725-5.895GHz | 802.11ax HEW20    | 20         | 2TX  |
| 5.725-5.895GHz | 802.11ax HEW20-BF | 20         | 2TX  |
| 5.725-5.895GHz | 802.11be EHT20    | 20         | 2TX  |
| 5.725-5.895GHz | 802.11be EHT20-BF | 20         | 2TX  |
| 5.725-5.895GHz | 802.11n HT40      | 40         | 2TX  |
| 5.725-5.895GHz | 802.11n HT40-BF   | 40         | 2TX  |
| 5.725-5.895GHz | 802.11ac VHT40    | 40         | 2TX  |
| 5.725-5.895GHz | 802.11ac VHT40-BF | 40         | 2TX  |
| 5.725-5.895GHz | 802.11ax HEW40    | 40         | 2TX  |
| 5.725-5.895GHz | 802.11ax HEW40-BF | 40         | 2TX  |
| 5.725-5.895GHz | 802.11be EHT40    | 40         | 2TX  |
| 5.725-5.895GHz | 802.11be EHT40-BF | 40         | 2TX  |
| 5.725-5.895GHz | 802.11ac VHT80    | 80         | 2TX  |
| 5.725-5.895GHz | 802.11ac VHT80-BF | 80         | 2TX  |
| 5.725-5.895GHz | 802.11ax HEW80    | 80         | 2TX  |
| 5.725-5.895GHz | 802.11ax HEW80-BF | 80         | 2TX  |
| 5.725-5.895GHz | 802.11be EHT80    | 80         | 2TX  |



| Band           | Mode               | BWch (MHz) | Nant |
|----------------|--------------------|------------|------|
| 5.725-5.895GHz | 802.11be EHT80-BF  | 80         | 2TX  |
| 5.725-5.895GHz | 802.11ac VHT160    | 160        | 2TX  |
| 5.725-5.895GHz | 802.11ac VHT160-BF | 160        | 2TX  |
| 5.725-5.895GHz | 802.11ax HEW160    | 160        | 2TX  |
| 5.725-5.895GHz | 802.11ax HEW160-BF | 160        | 2TX  |
| 5.725-5.895GHz | 802.11be EHT160    | 160        | 2TX  |
| 5.725-5.895GHz | 802.11be EHT160-BF | 160        | 2TX  |

**Note:**

- ♦ 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ VHT20, VHT40, VHT80 and VHT160 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ HEW20, HEW40, HEW80 and HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ EHT20, EHT40, EHT80 and EHT160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM modulation.
- ♦ BWch is the nominal channel bandwidth.

**1.1.2 Antenna Information**

| Ant. | Port |        |      | Brand      | Model Name       | Antenna Type | Connector | Gain (dBi) |
|------|------|--------|------|------------|------------------|--------------|-----------|------------|
|      | BT   | 2.4GHz | 5GHz |            |                  |              |           |            |
| 1    | -    | 1      | 1    | GALTRONICS | 02102140-08076-1 | PCB Antenna  | I-PEX     | Note 1     |
| 2    | -    | 2      | 2    | GALTRONICS | 02102140-08076-2 | PCB Antenna  | I-PEX     |            |
| 3    | 1    | -      | -    | GALTRONICS | 02102073-08076   | PCB Antenna  | I-PEX     |            |

**Note 1:**

| Ant. | Gain (dBi) |        |             |              |              |             |             |
|------|------------|--------|-------------|--------------|--------------|-------------|-------------|
|      | Bluetooth  | 2.4GHz | 5GHz UNII 1 | 5GHz UNII 2A | 5GHz UNII 2C | 5GHz UNII 3 | 5GHz UNII 4 |
| 1    | -          | 2.69   | 2.75        | 2.39         | 2.65         | 3.33        | 3.33        |
| 2    | -          | 2.03   | 2.91        | 3.22         | 3.19         | 2.85        | 2.85        |
| 3    | 1.78       | -      | -           | -            | -            | -           | -           |

Note 2: The above information was declared by manufacturer.

Note 3: BT represents Bluetooth.

Note 4: Directional gain information

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

Ex.

Directional Gain (NSS1) formula :

$$DirectionalGain = 10 \cdot \log \left[ \frac{\sum_{j=1}^{N_{ANT}} \left[ \sum_{k=1}^{N_{ANT}} g_{j,k} \right]^2}{N_{ANT}} \right]$$

$$NSS1(g1,1) = 10^{G1/20} ; NSS1(g1,2) = 10^{G2/20} ; NSS1(g1,3) = 10^{G3/20} ; NSS1(g1,4) = 10^{G4/20}$$

$$g_{j,k} = (NSS1(g1,1) + NSS1(g1,2) + NSS1(g1,3) + NSS1(g1,4))^2$$

$$DG = 10 \log[(NSS1(g1,1) + NSS1(g1,2) + NSS1(g1,3) + NSS1(g1,4))^2 / N_{ANT}] \Rightarrow 10$$

$$\log[(10^{G1/20} + 10^{G2/20} + 10^{G3/20} + 10^{G4/20})^2 / N_{ANT}]$$

Where ;

$$2.4G \ G1 = 2.69 \text{ dBi} ; G2 = 2.03 \text{ dBi} ;$$

$$5G \text{ UNII-1} \ G1 = 2.75 \text{ dBi} ; G2 = 2.91 \text{ dBi} ;$$

$$5G \text{ UNII-2A} \ G1 = 2.39 \text{ dBi} ; G2 = 3.22 \text{ dBi} ;$$

$$5G \text{ UNII-2C} \ G1 = 2.65 \text{ dBi} ; G2 = 3.19 \text{ dBi} ;$$

$$5G \text{ UNII-3} \ G1 = 3.33 \text{ dBi} ; G2 = 2.85 \text{ dBi} ;$$

$$5G \text{ UNII-4} \ G1 = 3.33 \text{ dBi} ; G2 = 2.85 \text{ dBi} ;$$

$$2.4G \ DG = 5.38 \text{ dBi}$$

$$5G \text{ UNII-1} \ DG = 5.84 \text{ dBi}$$

$$5G \text{ UNII-2A} \ DG = 5.83 \text{ dBi}$$

$$5G \text{ UNII-2C} \ DG = 5.93 \text{ dB}$$

$$5G \text{ UNII-3} \ DG = 6.10 \text{ dBi}$$

$$5G \text{ UNII-4} \ DG = 6.10 \text{ dBi}$$

Note 5: For 2.4GHz function:

**For IEEE 802.11 b/g/n/VHT/ax/be (2TX/2RX):**

Port 1~2 can be used as transmitting/receiving antenna.

Port 1~2 could transmit/receive simultaneously.

**For 5GHz function:**

**For IEEE 802.11 a/n/ac/ax/be (2TX/2RX):**

Port 1~2 can be used as transmitting/receiving antenna.

Port 1~2 could transmit/receive simultaneously.

**For Bluetooth function (1TX/1RX):**

Only Port 1 can be used as transmitting/receiving antenna.

**1.1.3 Mode Test Duty Cycle**

| Mode                          | DC    | DCF(dB) | T(s)                 | VBW(Hz) $\geq 1/T$   |
|-------------------------------|-------|---------|----------------------|----------------------|
| 802.11a_Nss 1,(6D)            | 0.993 | 0.03    | n/a (DC $\geq$ 0.98) | n/a (DC $\geq$ 0.98) |
| 802.11be EHT20-BF_Nss 1,(M0)  | 0.954 | 0.2     | 3.763m               | 300                  |
| 802.11be EHT40-BF_Nss 1,(M0)  | 0.959 | 0.18    | 3.713m               | 300                  |
| 802.11be EHT80-BF_Nss 1,(M0)  | 0.958 | 0.19    | 3.9m                 | 300                  |
| 802.11be EHT160-BF_Nss 1,(M0) | 0.96  | 0.18    | 3.988m               | 300                  |

Note:

- ♦ DC is Duty Cycle.
- ♦ DCF is Duty Cycle Factor.

**1.1.4 EUT Operational Condition**

|                                    |                                                                                        |                              |                          |                     |
|------------------------------------|----------------------------------------------------------------------------------------|------------------------------|--------------------------|---------------------|
| <b>EUT Power Type</b>              | From Power PoE                                                                         |                              |                          |                     |
| <b>Beamforming Function</b>        | <input checked="" type="checkbox"/>                                                    | With beamforming             | <input type="checkbox"/> | Without beamforming |
|                                    | The product has beamforming function for n/VHT/ax/be in 2.4GHz and n/ac/ax/be in 5GHz. |                              |                          |                     |
| <b>Function</b>                    | <input checked="" type="checkbox"/>                                                    | Point-to-multipoint          | <input type="checkbox"/> | Point-to-point      |
| <b>Device Type</b>                 | <input checked="" type="checkbox"/>                                                    | Indoor Access Point          | <input type="checkbox"/> | Subordinate         |
|                                    | <input type="checkbox"/>                                                               | Indoor Client                |                          |                     |
| <b>Channel Puncturing Function</b> | <input type="checkbox"/>                                                               | Supported Static Puncturing  |                          |                     |
|                                    | <input type="checkbox"/>                                                               | Supported Dynamic Puncturing |                          |                     |
|                                    | <input checked="" type="checkbox"/>                                                    | Unsupported                  |                          |                     |
| <b>Support RU</b>                  | <input checked="" type="checkbox"/>                                                    | Full RU                      | <input type="checkbox"/> | Partial RU          |
| <b>Test Software Version</b>       | For Non-beamforming mode: QRCT V4.1<br>For Beamforming mode: DOS V6.1.7601             |                              |                          |                     |

Note: The above information was declared by manufacturer.



## 1.2 Applicable 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
- ♦ FCC KDB 789033 D02 v02r01

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

- ♦ FCC KDB 662911 D01 v02r01
- ♦ FCC KDB 412172 D01 v01r01
- ♦ FCC KDB 414788 D01 v01r01
- ♦ FCC KDB 291074 D02 v01

## 1.3 Testing Location Information

| Testing Location Information                              |                                                                                                                                                                                                                                                |
|-----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Test Lab. : Sporton International Inc. Hsinchu Laboratory |                                                                                                                                                                                                                                                |
| Hsinchu<br>(TAF: 3787)                                    | ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)<br>TEL: 886-3-656-9065 FAX: 886-3-656-9085<br>Test site Designation No. TW3787 with FCC.<br>Conformity Assessment Body Identifier (CABID) TW3787 with ISED. |

| Test Condition                     | Test Site No. | Test Engineer | Test Environment<br>(°C / %) | Test Date                       |
|------------------------------------|---------------|---------------|------------------------------|---------------------------------|
| RF Conducted                       | TH03-CB       | Owen Hsu      | 22.3~24.1 / 60~63            | Aug. 27, 2024~<br>Oct. 31, 2024 |
| Radiated<br>(below 1G)             | 03CH03-CB     | Jackson Pong  | 22.2-22.6 / 59-61            | Aug. 20, 2024~<br>Oct. 30, 2024 |
|                                    | 03CH05-CB     |               | 21.6-22.7 / 56-59            |                                 |
| Radiated<br>(above 1G)             | 03CH01-CB     |               | 22.1-23.1 / 60-62            |                                 |
|                                    | 03CH02-CB     |               | 22-23 / 61-63                |                                 |
|                                    | 03CH03-CB     |               | 22.2-22.6 / 59-61            |                                 |
| Radiated<br>(co-location emission) | 03CH03-CB     |               | 22.2-22.6 / 59-61            |                                 |
| AC Conduction                      | CO01-CB       | Ryan Huang    | 23~24 / 55~56                | Aug. 22, 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                   |
|--------------------------------------|-------------|--------------------------|
| Conducted Emission (150kHz ~ 30MHz)  | 3.8 dB      | Confidence levels of 95% |
| Radiated Emission (9kHz ~ 30MHz)     | 4.1 dB      | Confidence levels of 95% |
| Radiated Emission (30MHz ~ 1,000MHz) | 4.2 dB      | Confidence levels of 95% |
| Radiated Emission (1GHz ~ 18GHz)     | 4.2 dB      | Confidence levels of 95% |
| Radiated Emission (18GHz ~ 40GHz)    | 4.0 dB      | Confidence levels of 95% |
| Conducted Emission                   | 3.1 dB      | Confidence levels of 95% |
| Output Power Measurement             | 0.8 dB      | Confidence levels of 95% |
| Power Density Measurement            | 3.1 dB      | Confidence levels of 95% |
| Bandwidth Measurement                | 2.1 %       | Confidence levels of 95% |



## 2 Test Configuration of EUT

### 2.1 Test Channel Mode

| Mode                               |
|------------------------------------|
| 802.11a_Nss1,(6Mbps)_2TX           |
| 5845MHz                            |
| 5865MHz                            |
| 5885MHz                            |
| 802.11be EHT20-BF_Nss1,(MCS0)_2TX  |
| 5845MHz                            |
| 5865MHz                            |
| 5885MHz                            |
| 802.11be EHT40-BF_Nss1,(MCS0)_2TX  |
| 5835MHz                            |
| 5875MHz                            |
| 802.11be EHT80-BF_Nss1,(MCS0)_2TX  |
| 5855MHz                            |
| 802.11be EHT160-BF_Nss1,(MCS0)_2TX |
| 5815MHz                            |

Note:

- ♦ EHT20 / EHT40 / EHT80 / EHT160 covers HT20 / HT40 / VHT20 / VHT40 / VHT80 / VHT160 / HEW20 / HEW40 / HEW80 / HEW160 due to similar modulation. The power setting for HT20 / HT40 / VHT20 / VHT40 / VHT80 / VHT160 / HEW20 / HEW40 / HEW80 / HEW160 is the same or lower than EHT20 / EHT40 / EHT80 / EHT160.
- ♦ The EUT supports non-beamforming and beamforming modes. After evaluating, the beamforming mode was selected to test.

## 2.2 The Worst Case Measurement Configuration

| The Worst Case Mode for Following Conformance Tests |                                                                                         |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------|
| <b>Tests Item</b>                                   | AC power-line conducted emissions                                                       |
| <b>Condition</b>                                    | AC power-line conducted measurement for line and neutral<br>Test Voltage: 120Vac / 60Hz |
| <b>Operating Mode</b>                               | Normal Link                                                                             |
| <b>1</b>                                            | EUT + PoE 1                                                                             |

| The Worst Case Mode for Following Conformance Tests |                                                                                |
|-----------------------------------------------------|--------------------------------------------------------------------------------|
| <b>Tests Item</b>                                   | Emission Bandwidth<br>Maximum EIRP Output Power<br>EIRP 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<br>After evaluating, the worst case was found at Y axis. So the measurement will follow this same test configuration.                                                                                                                           |
| <b>1</b>                                                                      | EUT in Y axis + PoE 2_WLAN 2.4GHz                                                                                                                                                                                                                   |
| <b>2</b>                                                                      | EUT in Y axis + PoE 2_WLAN 5GHz                                                                                                                                                                                                                     |
| <b>3</b>                                                                      | EUT in Y axis + PoE 2_Bluetooth                                                                                                                                                                                                                     |
| For operating mode 1 is the worst case and it was record in this test report. |                                                                                                                                                                                                                                                     |
| <b>Operating Mode &gt; 1GHz</b>                                               | CTX<br>After evaluating, the worst case was found at Y axis. So the measurement will follow this same test configuration.                                                                                                                           |
| <b>1</b>                                                                      | EUT in Y axis                                                                                                                                                                                                                                       |



| The Worst Case Mode for Following Conformance Tests    |                                                                                                                    |
|--------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Tests Item                                             | Simultaneous Transmission Analysis - Radiated Emission Co-location                                                 |
| Test Condition                                         | Radiated measurement                                                                                               |
| Operating Mode                                         | Normal Link                                                                                                        |
|                                                        | After evaluating, the worst case was found at Y axis. So the measurement will follow this same test configuration. |
| 1                                                      | EUT in Y axis_WLAN 2.4GHz + WLAN 5GHz                                                                              |
| Refer to Appendix F for Radiated Emission Co-location. |                                                                                                                    |

| The Worst Case Mode for Following Conformance Tests                                |                                                                         |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| Tests Item                                                                         | Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation |
| Operating Mode                                                                     |                                                                         |
| 1                                                                                  | WLAN 2.4GHz + WLAN 5GHz + Bluetooth                                     |
| Refer to Sporton Test Report No.: FA471503 for Co-location RF Exposure Evaluation. |                                                                         |

Note: The PoE below is for measurement only, would not be marketed.

The PoE information as below:

| Support Unit | Brand | Model      |
|--------------|-------|------------|
| PoE 1        | DELTA | ADH-65AR N |
| PoE 2        | DELTA | ADH-90AR B |

## 2.3 EUT Operation during Test

For CTX Mode:

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

For Conducted Mode:

The EUT was programmed to be in continuously transmitting mode.

For Radiated Mode:

During the test, the following programs under WIN 7 were executed.

The program was executed as follows:

1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under DOS V6.1.7601.
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by Device and transmit duty cycle no less than 98%.

For Normal Link:

During the test, the EUT operation to normal function.

## 2.4 Accessories

Wall-mounted rack\*1



## 2.5 Support Equipment

**For AC Conduction:**

| Support Equipment |             |            |               |               |
|-------------------|-------------|------------|---------------|---------------|
| No.               | Equipment   | Brand Name | Model Name    | FCC ID        |
| A                 | PoE 1       | DELTA      | ADH-65AR N    | N/A           |
| B                 | PoE PC      | DELL       | OPTIPLEX 3010 | N/A           |
| C                 | LAN PC      | DELL       | OPTIPLEX 3010 | N/A           |
| D                 | Device      | SonicFi    | RAP750W-311A  | N89-75W311AV1 |
| E                 | Device PC   | DELL       | OPTIPLEX 3010 | N/A           |
| F                 | Smart Phone | Samsung    | Galaxy J2     | N/A           |
| G                 | 2.4G NB     | DELL       | E6430         | N/A           |
| H                 | 5G NB       | DELL       | E6430         | N/A           |

**For Radiated (below 1GHz) and Radiated (above 1GHz) <Non-beamforming mode>:**

| Support Equipment |           |            |            |        |
|-------------------|-----------|------------|------------|--------|
| No.               | Equipment | Brand Name | Model Name | FCC ID |
| A                 | Notebook  | DELL       | E6230      | N/A    |
| B                 | PoE 2     | DELTA      | ADH-90AR B | N/A    |

**For Radiated (above 1GHz) <Beamforming mode>:**

| Support Equipment |           |            |              |               |
|-------------------|-----------|------------|--------------|---------------|
| No.               | Equipment | Brand Name | Model Name   | FCC ID        |
| A                 | Notebook  | DELL       | E6230        | N/A           |
| B                 | PoE 2     | DELTA      | ADH-90AR B   | N/A           |
| C                 | Device    | SonicFi    | RAP750W-311A | N89-75W311AV1 |
| D                 | Notebook  | DELL       | E6230        | N/A           |

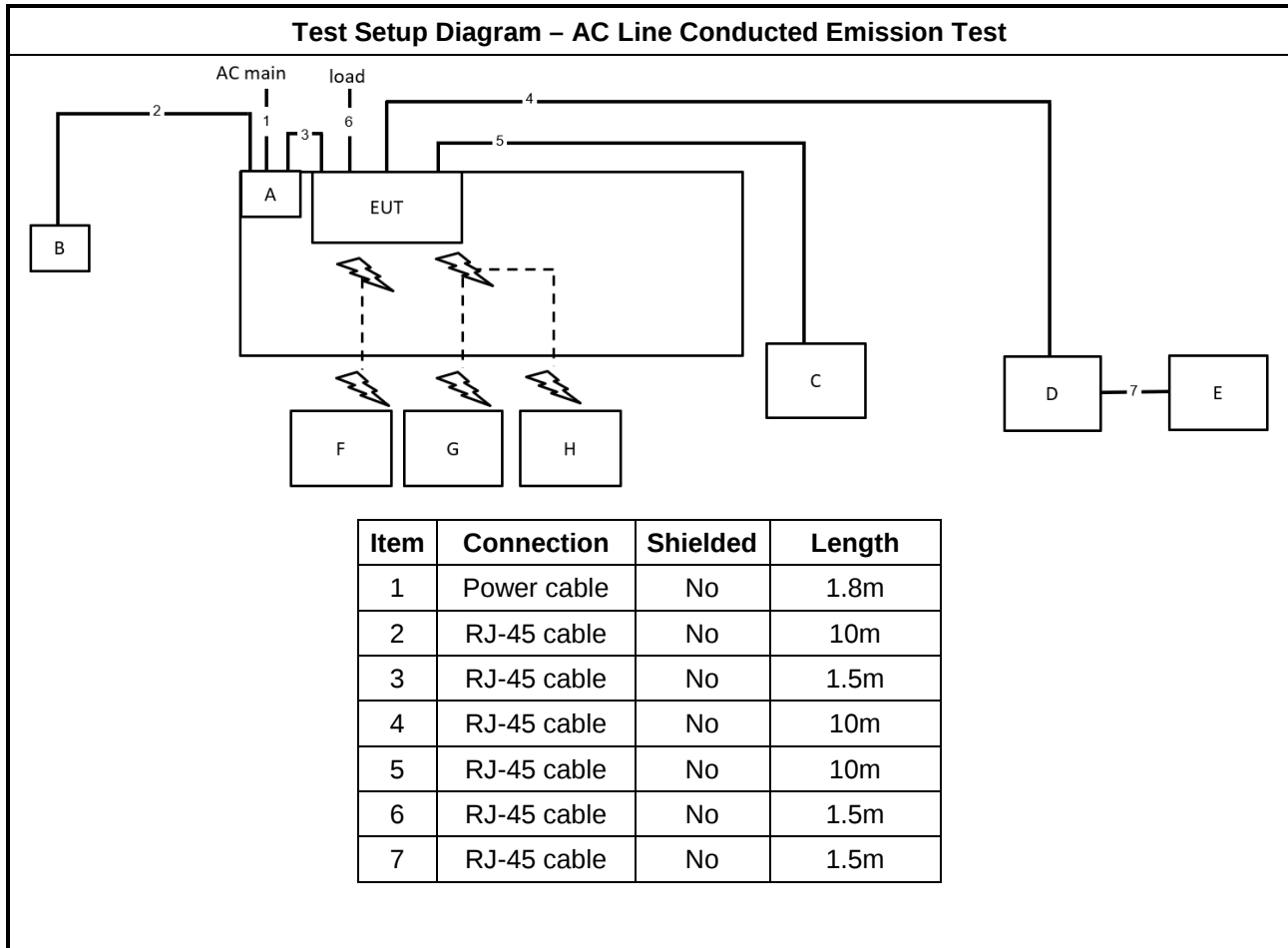
**For RF Conducted:****<Non-beamforming mode>**

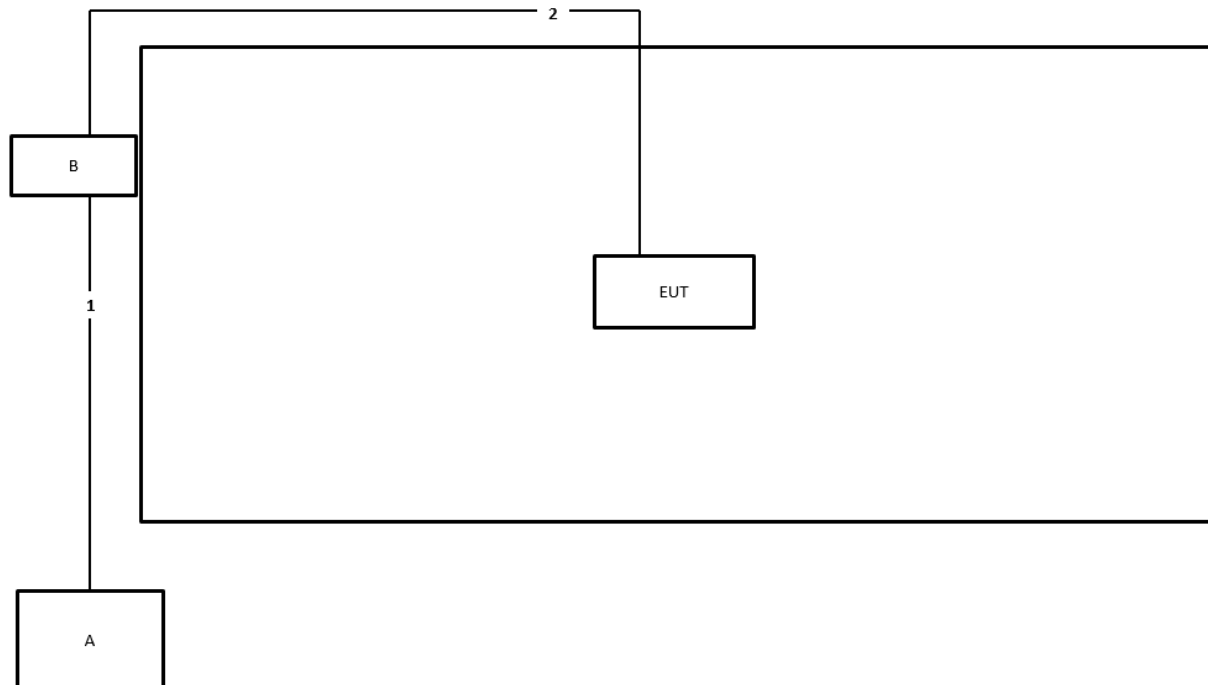
| Support Equipment |           |            |            |        |
|-------------------|-----------|------------|------------|--------|
| No.               | Equipment | Brand Name | Model Name | FCC ID |
| A                 | Notebook  | DELL       | E4300      | N/A    |

**<Beamforming mode>:**

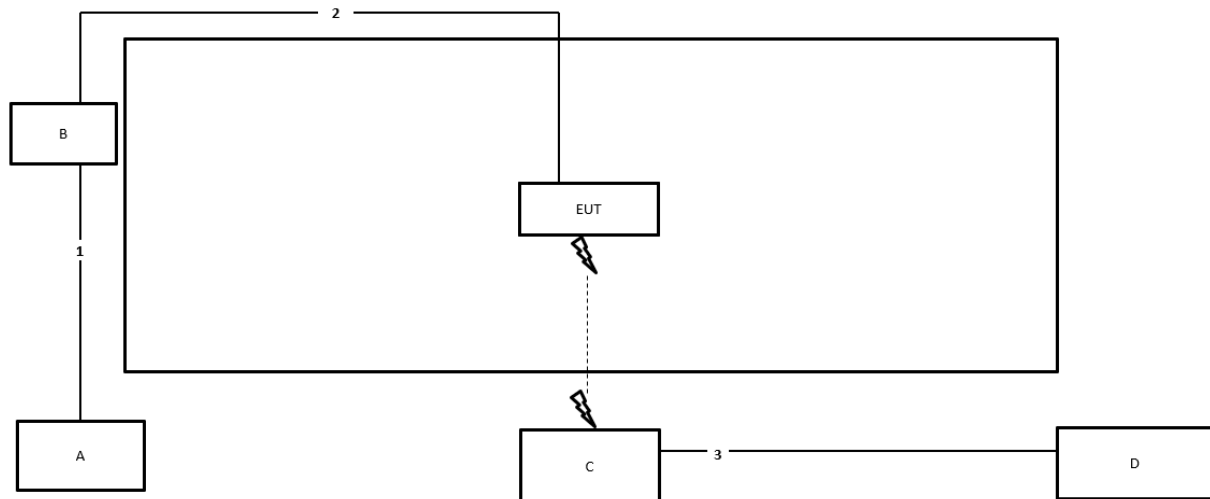
| Support Equipment |           |            |              |               |
|-------------------|-----------|------------|--------------|---------------|
| No.               | Equipment | Brand Name | Model Name   | FCC ID        |
| A                 | Notebook  | DELL       | E4300        | N/A           |
| B                 | Device    | SonicFi    | RAP750W-311A | N89-75W311AV1 |
| C                 | Notebook  | DELL       | E4300        | N/A           |

## 2.6 Test Setup Diagram



**Test Setup Diagram - Radiated Test < 1GHz and > 1GHz <Non-beamforming mode>**


| Item | Connection  | Shielded | Length |
|------|-------------|----------|--------|
| 1    | RJ-45 cable | No       | 1m     |
| 2    | RJ-45 cable | No       | 10m    |

**Test Setup Diagram - Radiated Test > 1GHz <Beamforming mode>**


| Item | Connection  | Shielded | Length |
|------|-------------|----------|--------|
| 1    | RJ-45 cable | No       | 1m     |
| 2    | RJ-45 cable | No       | 10m    |
| 3    | RJ-45 cable | No       | 10m    |



### 3 Transmitter Test Result

#### 3.1 AC Power-line Conducted Emissions

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

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

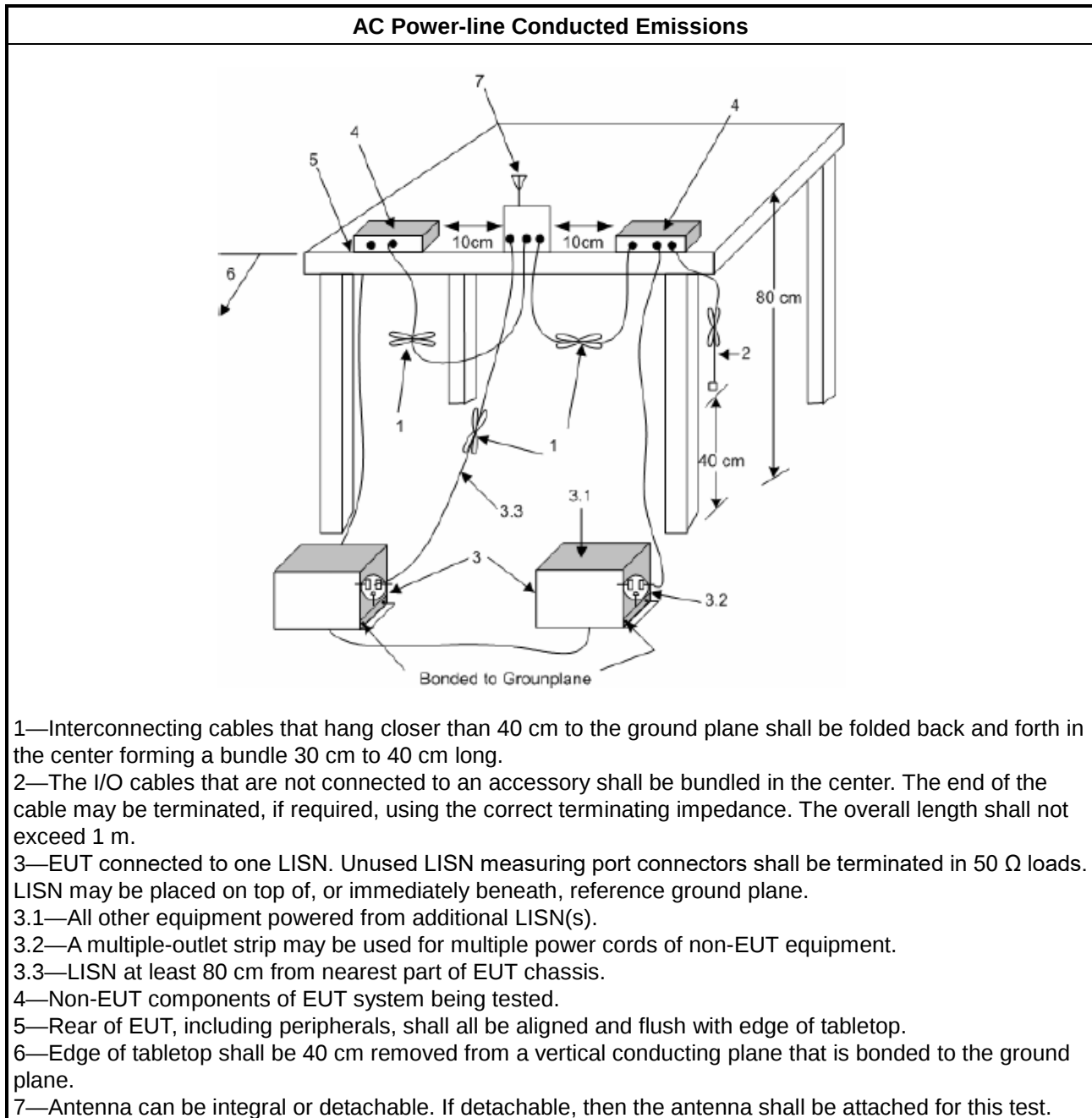
##### 3.1.2 Measuring Instruments

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

##### 3.1.3 Test Procedures

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

### 3.1.4 Test Setup



### 3.1.5 Measurement Results Calculation

The measured Level is calculated using:

- Corrected Reading: LISN Factor (LISN) + Attenuator (AT/AUX) + Cable Loss (CL) + Read Level (Raw) = Level
- Margin = -Limit + Level

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

Refer as Appendix A

## 3.2 Emission Bandwidth

### 3.2.1 Emission Bandwidth Limit

| Emission Bandwidth Limit            |                                                                                                       |
|-------------------------------------|-------------------------------------------------------------------------------------------------------|
| <b>UNII Devices</b>                 |                                                                                                       |
| <input checked="" type="checkbox"/> | For the 5.85-5.895 GHz band, 26 dB emission bandwidth ,N/A.<br>6 dB emission bandwidth $\geq$ 500kHz. |
| <b>LE-LAN Devices</b>               |                                                                                                       |
| <input type="checkbox"/>            | For the 5.85-5.895 GHz band, 26 dB emission bandwidth ,N/A.<br>6 dB emission bandwidth $\geq$ 500kHz. |

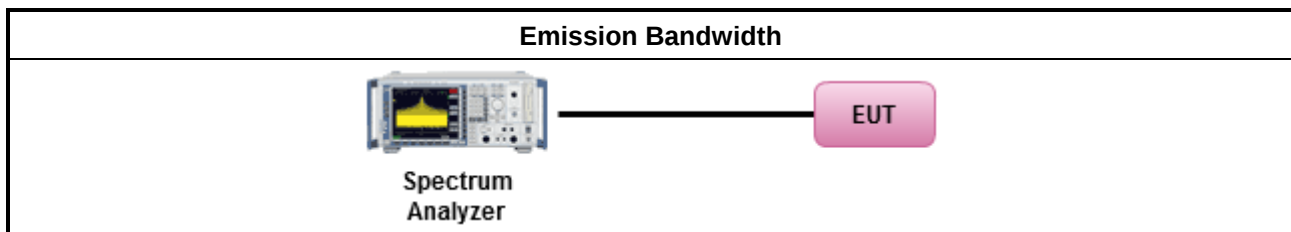
### 3.2.2 Measuring Instruments

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

### 3.2.3 Test Procedures

| Test Method                                                                    |                                                                                 |
|--------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| ▪ For the emission bandwidth shall be measured using one of the options below: |                                                                                 |
| <input checked="" type="checkbox"/>                                            | Refer as FCC KDB 789033 D02, clause C for EBW and clause D for OBW measurement. |
| <input type="checkbox"/>                                                       | Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.              |
| <input type="checkbox"/>                                                       | Refer as IC RSS-Gen, clause 4.6 for bandwidth testing.                          |

### 3.2.4 Test Setup



### 3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B



### 3.3 Maximum EIRP Output Power

#### 3.3.1 Limit

| Maximum EIRP Output Power Limit                                  |                                           |
|------------------------------------------------------------------|-------------------------------------------|
| <b>UNII Devices</b>                                              |                                           |
| <input checked="" type="checkbox"/> For the 5.85-5.895 GHz band: |                                           |
|                                                                  | ▪ Indoor AP & subordinate device < 36 dBm |
|                                                                  | ▪ Client device < 30 dBm                  |
| <b>LE-LAN Devices</b>                                            |                                           |
| <input type="checkbox"/> For the 5.85-5.895 GHz band:            |                                           |
|                                                                  | ▪ Indoor AP & subordinate device < 36 dBm |
|                                                                  | ▪ Indoor client device < 30 dBm           |
|                                                                  | ▪ Fixed outdoor AP device < 36 dBm        |
|                                                                  | ▪ Fixed outdoor client device < 30 dBm    |

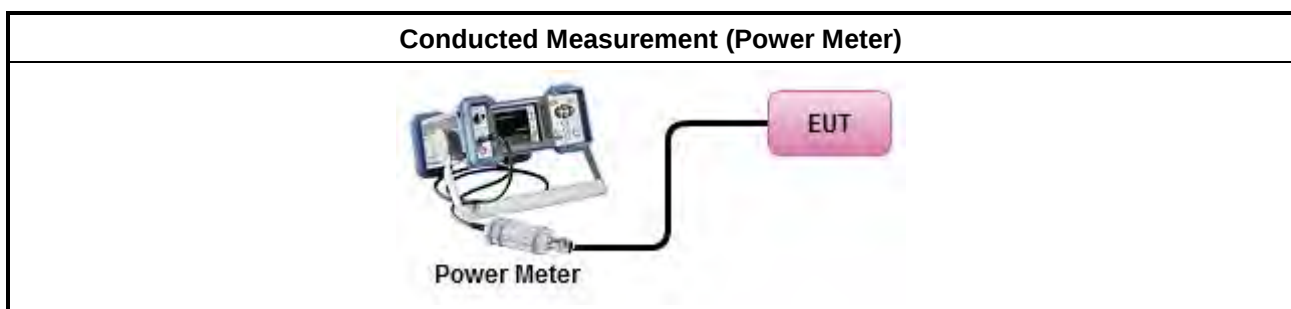
### 3.3.2 Measuring Instruments

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

### 3.3.3 Test Procedures

| Test Method                         |                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                     | Average over on/off periods with duty factor                                                                                                                                                                                                                                                                                                                           |
| <input type="checkbox"/>            | Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).                                                                                                                                                                                                                                                                                          |
| <input type="checkbox"/>            | Refer as FCC KDB 789033 D02, 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 FCC KDB 789033 D02, clause E Method PM-G (using an RF average power meter).                                                                                                                                                                                                                                                                                   |
| <input checked="" type="checkbox"/> | For conducted measurement.                                                                                                                                                                                                                                                                                                                                             |
|                                     | <ul style="list-style-type: none"> <li>If the EUT supports multiple transmit chains using options given below:<br/>Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.</li> </ul> |
|                                     | <ul style="list-style-type: none"> <li>If multiple transmit chains, EIRP calculation could be following as methods:<br/> <math>P_{total} = P_1 + P_2 + \dots + P_n</math><br/> (calculated in linear unit [mW] and transfer to log unit [dBm])<br/> <math>EIRP_{total} = P_{total} + DG</math> </li> </ul>                                                             |
| <input type="checkbox"/>            | For radiated measurement.                                                                                                                                                                                                                                                                                                                                              |
|                                     | <ul style="list-style-type: none"> <li>Refer as FCC KDB 789033 D02 clause II A.1.F "Antenna-port Conducted versus Radiated Testing"</li> <li>Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.</li> <li>Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.</li> </ul>                                                                      |

### 3.3.4 Test Setup



### 3.3.5 Test Result of Maximum EIRP Output Power

Refer as Appendix C



### 3.4 EIRP Power Spectral Density

#### 3.4.1 Limit

| EIRP Power Spectral Density Limit                                |                                               |
|------------------------------------------------------------------|-----------------------------------------------|
| <b>UNII Devices</b>                                              |                                               |
| <input checked="" type="checkbox"/> For the 5.85-5.895 GHz band: |                                               |
|                                                                  | ▪ Indoor AP & subordinate device < 20dBm/MHz  |
|                                                                  | ▪ Client device < 14dBm/MHz                   |
| <b>LE-LAN Devices</b>                                            |                                               |
| <input type="checkbox"/> For the 5.85-5.895 GHz band:            |                                               |
|                                                                  | ▪ Indoor AP & subordinate device < 20 dBm/MHz |
|                                                                  | ▪ Indoor client device < 14 dBm/MHz           |
|                                                                  | ▪ Fixed outdoor AP device < 23 dBm/MHz        |
|                                                                  | ▪ Fixed outdoor client device < 17 dBm/MHz    |

#### 3.4.2 Measuring Instruments

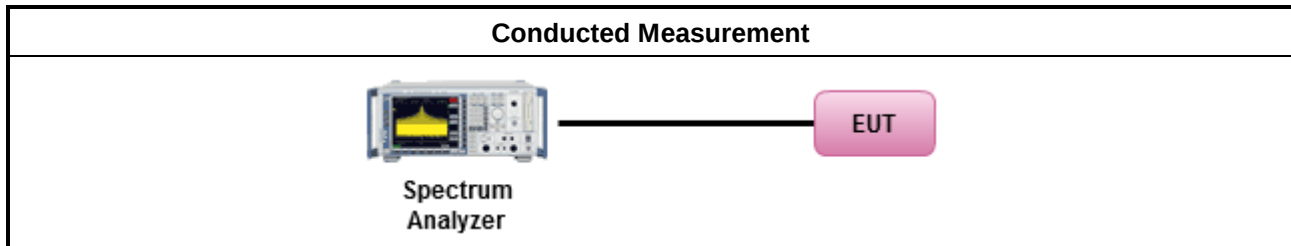
Refer a test equipment and calibration data table in this test report.



### 3.4.3 Test Procedures

| Test Method                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"><li>Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:</li></ul> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                      | Refer as FCC KDB 789033 D02, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| [duty cycle ≥ 98% or external video / power trigger]                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <input checked="" type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                           | Refer as FCC KDB 789033 D02, clause E Method SA-1 (spectral trace averaging).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                      | Refer as FCC KDB 789033 D02, clause E Method SA-1 Alt. (RMS detection with slow sweep speed)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| duty cycle < 98% and average over on/off periods with duty factor                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <input checked="" type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                           | Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                      | Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <input checked="" type="checkbox"/> For conducted measurement.                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <ul style="list-style-type: none"><li>If the EUT supports multiple transmit chains using options given below:</li></ul>                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <input checked="" type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                           | Option 1: Measure and sum the spectra across the outputs. Refer as FCC 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. |
| <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                      | Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,                                                                                                                                                                                                         |
| <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                      | Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.                                                                                                                                                                                                                                                                                                                  |
| <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>                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <input type="checkbox"/> For radiated measurement.                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <ul style="list-style-type: none"><li>Refer as FCC KDB 789033 D02 clause II A.1.F "Antenna-port Conducted versus Radiated Testing"</li><li>Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.</li><li>Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.</li></ul>                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

### 3.4.4 Test Setup



### 3.4.5 Test Result of EIRP Power Spectral Density

Refer as Appendix D



### 3.5 Unwanted Emissions

#### 3.5.1 Transmitter 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <input checked="" type="checkbox"/> UNII Devices 5.85 - 5.895 GHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | (i) For an indoor access point or subordinate device, all emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of 15 dBm/MHz and shall decrease linearly to an e.i.r.p. of - 7 dBm/MHz at or above 5.925 GHz.<br>(ii) For a client device, all emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of -5 dBm/MHz and shall decrease linearly to an e.i.r.p. of -27 dBm/MHz at or above 5.925 GHz.<br>(iii) For a client device or indoor access point or subordinate device, all emissions below 5.725 GHz shall not exceed an e.i.r.p. of -27 dBm/MHz at 5.65 GHz increasing linearly to 10 dBm/ MHz at 5.7 GHz, and from 5.7 GHz increasing linearly to a level of 15.6 dBm/MHz at 5.72 GHz, and from 5.72 GHz increasing linearly to a level of 27 dBm/MHz at 5.725 GHz. |
| <input type="checkbox"/> LE-LAN Devices 5.85 - 5.895 GHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | (i) Fixed outdoor access points and fixed outdoor client devices shall not exceed -27 dBm/MHz e.i.r.p. spectral density at or above the 5895 MHz band edge.<br>(ii) Indoor access points or indoor subordinate devices shall not exceed 15 dBm/MHz e.i.r.p. spectral density at the 5895 MHz band edge and shall decrease linearly to not exceed -7 dBm/MHz e.i.r.p. spectral density at or above 5925 MHz.<br>(iii) Client devices shall not exceed -5 dBm/MHz e.i.r.p. spectral density at the 5895 MHz band edge and shall decrease linearly to not exceed -27 dBm/MHz e.i.r.p. spectral density at or above 5925 MHz.                                                                                                                                                                    |
| Note 1: Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements). |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

### 3.5.2 Measuring Instruments

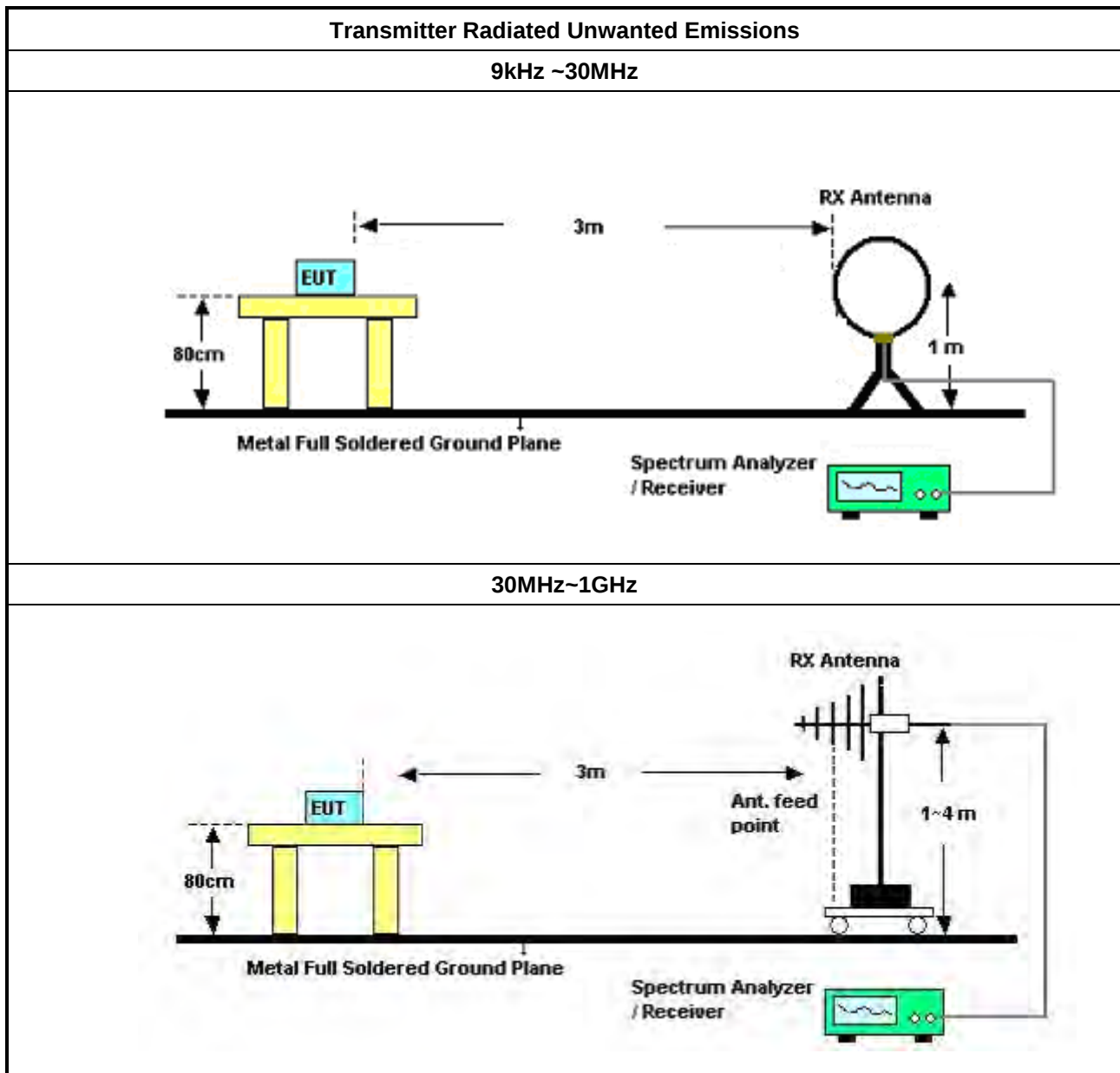
Refer a test equipment and calibration data table in this test report.

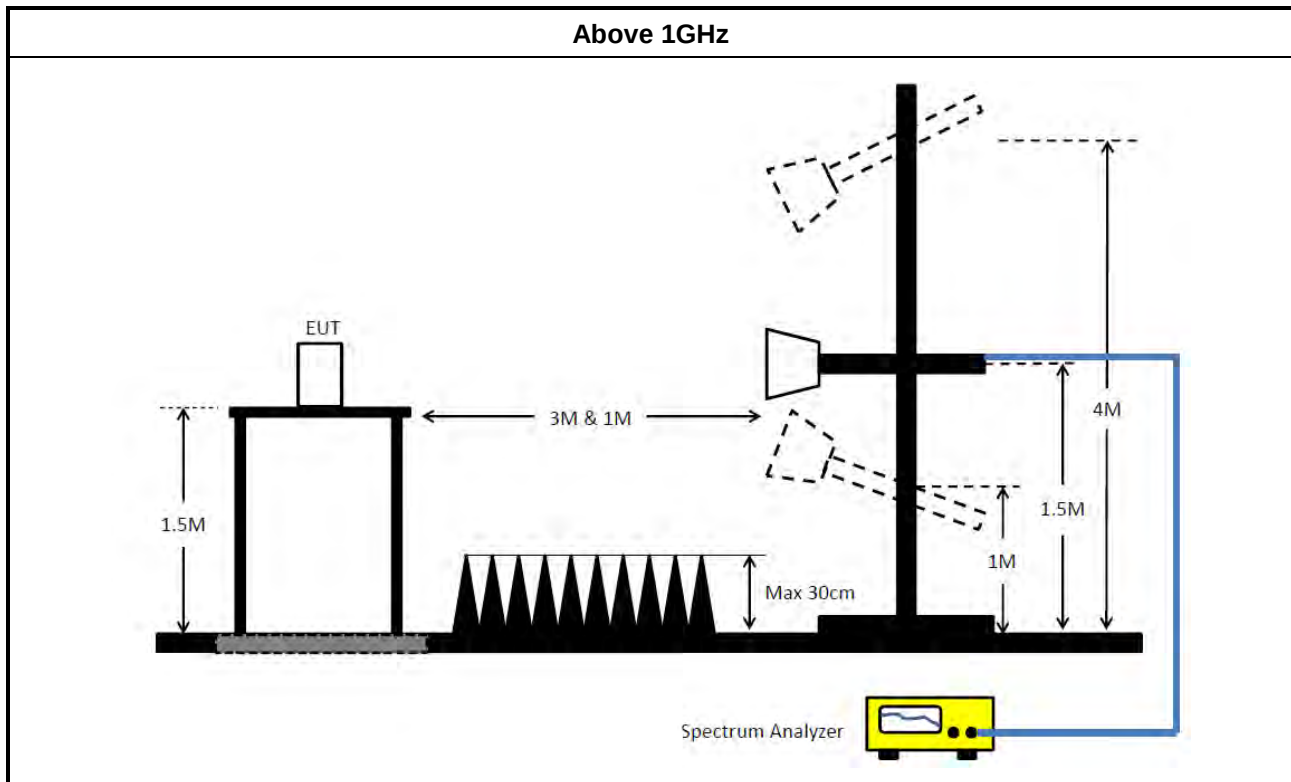


### 3.5.3 Test Procedures

| Test Method                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"><li>Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).</li></ul> |                                                                                                                                                  |
| <ul style="list-style-type: none"><li>The average emission levels shall be measured in [duty cycle <math>\geq</math> 98 or duty factor].</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                  |
| <ul style="list-style-type: none"><li>For the transmitter unwanted emissions shall be measured using following options below:</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <ul style="list-style-type: none"><li>Refer as FCC KDB 789033 D02, clause G)2) for unwanted emissions into non-restricted bands.</li></ul>       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <ul style="list-style-type: none"><li>Refer as FCC KDB 789033 D02, clause G)1) for unwanted emissions into restricted bands.</li></ul>           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <input type="checkbox"/> Refer as FCC KDB 789033 D02, G)6) Method AD (Trace Averaging).                                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <input checked="" type="checkbox"/> Refer as FCC KDB 789033 D02, G)6) Method VB (Reduced VBW).                                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <input type="checkbox"/> Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW $\geq$ 1/T, where T is pulse time.                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <input type="checkbox"/> Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.                                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <input checked="" type="checkbox"/> Refer as FCC KDB 789033 D02, clause G)5) measurement procedure peak limit.                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <input type="checkbox"/> Refer as 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>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                  |

### 3.5.4 Test Setup





### 3.5.5 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Antenna factor (AF) + Cable loss (CL) + Read level (Raw) - Preamp factor (PA)(if applicable) = Level.

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

There is a comparison data of both open-field test site and alternative test site - semi-Anechoic chamber according to KDB414788 Radiated Test Site, and the result came out very similar.

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

The radiated emissions were investigated from 9 kHz or the lowest frequency generated within the device, up to the 10th harmonic or 40 GHz, whichever is appropriate.

### 3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E



## 4 Test Equipment and Calibration Data

| Instrument                        | Brand           | Model No.        | Serial No.       | Characteristics | Calibration Date | Calibration Due Date | Remark                |
|-----------------------------------|-----------------|------------------|------------------|-----------------|------------------|----------------------|-----------------------|
| EMI Receiver                      | Agilent         | N9038A           | My52260123       | 9kHz ~ 8.4GHz   | Mar. 01, 2024    | Feb. 28, 2025        | Conduction (CO01-CB)  |
| LISN                              | F.C.C.          | FCC-LISN-50-16-2 | 04083            | 150kHz ~ 100MHz | Feb. 19, 2024    | Feb. 18, 2025        | Conduction (CO01-CB)  |
| LISN                              | Schwarzbeck     | NSLK 8127        | 8127647          | 9kHz ~ 30MHz    | Apr. 24, 2024    | Apr. 23, 2025        | Conduction (CO01-CB)  |
| Pulse Limiter                     | Rohde& Schwarz  | ESH3-Z2          | 100430           | 9kHz ~ 30MHz    | Feb. 08, 2024    | Feb. 07, 2025        | Conduction (CO01-CB)  |
| COND Cable                        | Woken           | Cable            | Low cable-CO01   | 9kHz ~ 30MHz    | Oct. 17, 2023    | Oct. 16, 2024        | Conduction (CO01-CB)  |
| Test Software                     | SPORTON         | SENSE-EMI        | V5.11            | 150kHz-30MHz    | N.C.R.           | N.C.R.               | Conduction (CO01-CB)  |
| Loop Antenna                      | Teseq           | HLA 6121         | 65417            | 9kHz - 30 MHz   | Oct. 13, 2023    | Oct. 12, 2024        | Radiation (03CH03-CB) |
| Loop Antenna                      | Teseq           | HLA 6121         | 65417            | 9kHz - 30 MHz   | Oct. 16, 2024    | Oct. 15, 2025        | Radiation (03CH03-CB) |
| 3m Semi Anechoic Chamber NSA      | TDK             | SAC-3M           | 03CH03-CB        | 30 MHz ~ 1 GHz  | Jan. 18, 2024    | Jan. 17, 2025        | Radiation (03CH03-CB) |
| 3m Semi Anechoic Chamber VSWR     | TDK             | SAC-3M           | 03CH03-CB        | 1GHz ~18GHz 3m  | May 03, 2024     | May 02, 2025         | Radiation (03CH03-CB) |
| Bilog Antenna with 6dB Attenuator | Schaffner & EMC | CBL6112B& N-6-06 | 2888&AT-N060 5   | 30MHz ~ 1GHz    | Jan. 18, 2024    | Jan. 17, 2025        | Radiation (03CH03-CB) |
| Horn Antenna                      | ETS-Lindgren    | 3115             | 6821             | 750MHz~18GHz    | Jan. 24, 2024    | Jan. 23, 2025        | Radiation (03CH03-CB) |
| Horn Antenna                      | SCHWARZBECK     | BBHA 9170        | BBHA9170507      | 15GHz ~ 40GHz   | Jul. 09, 2024    | Jul. 08, 2025        | Radiation (03CH03-CB) |
| Amplifier                         | SGH             | SGH301           | 20240606-1       | 30MHz ~ 1GHz    | Jun. 04, 2024    | Jun. 03, 2025        | Radiation (03CH03-CB) |
| Pre-Amplifier                     | Agilent         | 8449B            | 3008A02097       | 1GHz ~ 26.5GHz  | Jun. 29, 2024    | Jun. 28, 2025        | Radiation (03CH03-CB) |
| Pre-Amplifier                     | SGH             | SGH184           | 20221107-3       | 18GHz ~ 40GHz   | Nov. 24, 2023    | Nov. 23, 2024        | Radiation (03CH03-CB) |
| Spectrum Analyzer                 | R&S             | FSP40            | 100019           | 9kHz ~ 40GHz    | Jun. 11, 2024    | Jun. 10, 2025        | Radiation (03CH03-CB) |
| EMI Test Receiver                 | R&S             | ESR7             | 102172           | 9kHz ~ 7GHz     | Oct. 20, 2023    | Oct. 19, 2024        | Radiation (03CH03-CB) |
| EMI Test Receiver                 | R&S             | ESR7             | 102172           | 9kHz ~ 7GHz     | Oct. 21, 2024    | Oct. 20, 2025        | Radiation (03CH03-CB) |
| RF Cable-low                      | Woken           | RG402            | Low Cable-02+29  | 30MHz ~ 1GHz    | Jun. 20, 2024    | Jun. 19, 2025        | Radiation (03CH03-CB) |
| RF Cable-high                     | Woken           | RG402            | High Cable-20+29 | 1GHz ~ 18GHz    | Feb. 29, 2024    | Feb. 28, 2025        | Radiation (03CH03-CB) |



| Instrument                        | Brand        | Model No.          | Serial No.       | Characteristics   | Calibration Date | Calibration Due Date | Remark                |
|-----------------------------------|--------------|--------------------|------------------|-------------------|------------------|----------------------|-----------------------|
| RF Cable-high                     | Woken        | RG402              | High Cable-29    | 1GHz ~ 18GHz      | Feb. 29, 2024    | Feb. 28, 2025        | Radiation (03CH03-CB) |
| High Cable                        | Woken        | WCA0929M           | 40G#5+6          | 1GHz ~ 40 GHz     | Jan. 11, 2024    | Jan. 10, 2025        | Radiation (03CH03-CB) |
| Test Software                     | SPORTON      | SENSE-EMI          | V5.11.8          | 30MHz-40GHz       | N.C.R.           | N.C.R.               | Radiation (03CH03-CB) |
| Test Software                     | SPORTON      | SENSE-1524 7_DTS   | V5.11.18         | 2.4GHz- 2.4835GHz | N.C.R.           | N.C.R.               | Radiation (03CH03-CB) |
| Loop Antenna                      | Teseq        | HLA 6121           | 65417            | 9kHz - 30 MHz     | Oct. 13, 2023    | Oct. 12, 2024        | Radiation (03CH05-CB) |
| Loop Antenna                      | Teseq        | HLA 6121           | 65417            | 9kHz - 30 MHz     | Oct. 16, 2024    | Oct. 15, 2025        | Radiation (03CH05-CB) |
| 3m Semi Anechoic Chamber NSA      | TDK          | SAC-3M             | 03CH05-CB        | 30 MHz ~ 1 GHz    | Aug. 01, 2024    | Jul. 31, 2025        | Radiation (03CH05-CB) |
| Bilog Antenna with 6dB Attenuator | TESEQ & EMCI | CBL 6112D & N-6-06 | 35236 & AT-N0610 | 30MHz ~ 2GHz      | Mar. 23, 2024    | Mar. 22, 2025        | Radiation (03CH05-CB) |
| Amplifier                         | EMCI         | EMC330N            | 980331           | 20MHz ~ 3GHz      | May 02, 2024     | May 01, 2025         | Radiation (03CH05-CB) |
| Spectrum Analyzer                 | R&S          | FSP40              | 100304           | 9kHz ~ 40GHz      | Apr. 17, 2024    | Apr. 16, 2025        | Radiation (03CH05-CB) |
| EMI Test Receiver                 | R&S          | ESR7               | 102172           | 9kHz ~ 7GHz       | Oct. 20, 2023    | Oct. 19, 2024        | Radiation (03CH05-CB) |
| EMI Test Receiver                 | R&S          | ESR7               | 102172           | 9kHz ~ 7GHz       | Oct. 21, 2024    | Oct. 20, 2025        | Radiation (03CH05-CB) |
| RF Cable-low                      | Woken        | RG402              | Low Cable-04+23  | 30MHz~1GHz        | Dec. 06, 2023    | Dec. 05, 2024        | Radiation (03CH05-CB) |
| Test Software                     | SPORTON      | SENSE-EMI          | V5.11.8          | 30MHz-40GHz       | N.C.R.           | N.C.R.               | Radiation (03CH05-CB) |
| 3m Semi Anechoic Chamber VSWR     | TDK          | SAC-3M             | 03CH01-CB        | 1GHz ~18GHz 3m    | May 04, 2024     | May 03, 2025         | Radiation (03CH01-CB) |
| Horn Antenna                      | SCHWARZBECK  | BBHA 9120 D        | BBHA 9120D-01816 | 1GHz~18GHz        | Dec. 20, 2023    | Dec. 19, 2024        | Radiation (03CH01-CB) |
| Horn Antenna                      | SCHWARZBECK  | BBHA 9170          | BBHA9170507      | 15GHz ~ 40GHz     | Jul. 09, 2024    | Jul. 08, 2025        | Radiation (03CH01-CB) |
| Pre-Amplifier                     | Agilent      | 8449B              | 3008A02121       | 1GHz ~ 26.5GHz    | May 17, 2024     | May 16, 2025         | Radiation (03CH01-CB) |
| Pre-Amplifier                     | SGH          | SGH184             | 20221107-3       | 18GHz ~ 40GHz     | Nov. 24, 2023    | Nov. 23, 2024        | Radiation (03CH01-CB) |
| Signal Analyzer                   | R&S          | FSV3044            | 101437           | 10kHz ~ 44GHz     | Nov. 28, 2023    | Nov. 27, 2024        | Radiation (03CH01-CB) |
| RF Cable-high                     | Woken        | RG402              | High Cable-16    | 1 GHz ~ 18 GHz    | Nov. 06, 2023    | Nov. 05, 2024        | Radiation (03CH01-CB) |
| RF Cable-high                     | Woken        | RG402              | High Cable-16+17 | 1 GHz ~ 18 GHz    | Nov. 06, 2023    | Nov. 05, 2024        | Radiation (03CH01-CB) |
| High Cable                        | Woken        | WCA0929M           | 40G#5+6          | 1GHz ~ 40 GHz     | Jan. 11, 2024    | Jan. 10, 2025        | Radiation (03CH01-CB) |



| Instrument                    | Brand       | Model No.       | Serial No.       | Characteristics  | Calibration Date | Calibration Due Date | Remark                |
|-------------------------------|-------------|-----------------|------------------|------------------|------------------|----------------------|-----------------------|
| Test Software                 | SPORTON     | SENSE-15247_DTS | V5.11.18         | 2.4GHz-2.4835GHz | N.C.R.           | N.C.R.               | Radiation (03CH01-CB) |
| 3m Semi Anechoic Chamber VSWR | RIKEN       | SAC-3M          | 03CH02-CB        | 1GHz ~18GHz      | Mar. 24, 2024    | Mar. 23, 2025        | Radiation (03CH02-CB) |
| Horn Antenna                  | EMCO        | 3115            | 9610-4976        | 1GHz ~ 18GHz     | Apr. 12, 2024    | Apr. 11, 2025        | Radiation (03CH02-CB) |
| Horn Antenna                  | SCHWARZBECK | BBHA 9170       | BBHA9170507      | 15GHz ~ 40GHz    | Jul. 09, 2024    | Jul. 08, 2025        | Radiation (03CH02-CB) |
| Pre-Amplifier                 | Agilent     | 83017A          | MY39501305       | 1GHz ~ 26.5GHz   | Jun. 29, 2024    | Jun. 28, 2025        | Radiation (03CH02-CB) |
| Pre-Amplifier                 | SGH         | SGH184          | 20221107-3       | 18GHz ~ 40GHz    | Nov. 24, 2023    | Nov. 23, 2024        | Radiation (03CH02-CB) |
| Signal Analyzer               | R&S         | FSV3044         | 101536           | 10kHz ~ 44GHz    | Aug. 14, 2024    | Aug. 13, 2025        | Radiation (03CH02-CB) |
| RF Cable-high                 | Woken       | RG402           | High Cable-18    | 1GHz ~ 18GHz     | Jun. 20, 2024    | Jun. 19, 2025        | Radiation (03CH02-CB) |
| RF Cable-high                 | Woken       | RG402           | High Cable-18+19 | 1GHz ~ 18GHz     | Jun. 20, 2024    | Jun. 19, 2025        | Radiation (03CH02-CB) |
| High Cable                    | Woken       | WCA0929M        | 40G#5+6          | 1GHz ~ 40 GHz    | Jan. 11, 2024    | Jan. 10, 2025        | Radiation (03CH02-CB) |
| Test Software                 | SPORTON     | SENSE-15247_FS  | V5.11.18         | 2.4GHz-2.4835GHz | N.C.R.           | N.C.R.               | Radiation (03CH02-CB) |
| Spectrum analyzer             | R&S         | FSV40           | 101028           | 9kHz~40GHz       | Dec. 22, 2023    | Dec. 21, 2024        | Conducted (TH03-CB)   |
| Power Sensor                  | Anritsu     | MA2411B         | 1726195          | 300MHz~40GHz     | Sep. 04, 2023    | Sep. 03, 2024        | Conducted (TH03-CB)   |
| Power Sensor                  | Anritsu     | MA2411B         | 1726195          | 300MHz~40GHz     | Sep. 06, 2024    | Sep. 05, 2025        | Conducted (TH03-CB)   |
| Power Meter                   | Anritsu     | ML2495A         | 1035008          | 300MHz~40GHz     | Sep. 04, 2023    | Sep. 03, 2024        | Conducted (TH03-CB)   |
| Power Meter                   | Anritsu     | ML2495A         | 1035008          | 300MHz~40GHz     | Sep. 06, 2024    | Sep. 05, 2025        | Conducted (TH03-CB)   |
| RF Cable                      | Woken       | RG402           | High Cable-11    | 30MHz ~18 GHz    | Oct. 02, 2023    | Oct. 01, 2024        | Conducted (TH03-CB)   |
| RF Cable                      | Woken       | RG402           | High Cable-11    | 30MHz ~18 GHz    | Oct. 01, 2024    | Sep. 30, 2025        | Conducted (TH03-CB)   |
| RF Cable                      | Woken       | RG402           | High Cable-12    | 30MHz ~18 GHz    | Oct. 02, 2023    | Oct. 01, 2024        | Conducted (TH03-CB)   |
| RF Cable                      | Woken       | RG402           | High Cable-12    | 30MHz ~18 GHz    | Oct. 01, 2024    | Sep. 30, 2025        | Conducted (TH03-CB)   |
| RF Cable                      | Woken       | RG402           | High Cable-13    | 30MHz ~18 GHz    | Oct. 02, 2023    | Oct. 01, 2024        | Conducted (TH03-CB)   |
| RF Cable                      | Woken       | RG402           | High Cable-13    | 30MHz ~18 GHz    | Oct. 01, 2024    | Sep. 30, 2025        | Conducted (TH03-CB)   |
| RF Cable-high                 | Woken       | RG402           | High Cable-14    | 1 GHz ~18 GHz    | Oct. 02, 2023    | Oct. 01, 2024        | Conducted (TH03-CB)   |



| Instrument    | Brand   | Model No.          | Serial No.    | Characteristics      | Calibration Date | Calibration Due Date | Remark              |
|---------------|---------|--------------------|---------------|----------------------|------------------|----------------------|---------------------|
| RF Cable-high | Woken   | RG402              | High Cable-14 | 1 GHz ~18 GHz        | Oct. 01, 2024    | Sep. 30, 2025        | Conducted (TH03-CB) |
| RF Cable-high | Woken   | RG402              | High Cable-15 | 1 GHz ~18 GHz        | Oct. 02, 2023    | Oct. 01, 2024        | Conducted (TH03-CB) |
| RF Cable-high | Woken   | RG402              | High Cable-15 | 1 GHz ~18 GHz        | Oct. 01, 2024    | Sep. 30, 2025        | Conducted (TH03-CB) |
| Switch        | SPTCB   | SP-SWI             | SWI-03        | 1 ~26.5 GHz          | Oct. 03, 2023    | Oct. 02, 2024        | Conducted (TH03-CB) |
| Switch        | SPTCB   | SP-SWI             | SWI-03        | 1~18GHz              | Oct. 02, 2024    | Oct. 01, 2025        | Conducted (TH03-CB) |
| Test Software | SPORTON | SENSE-1524<br>7_FS | V5.11.18      | 2.4GHz-<br>2.4835GHz | N.C.R.           | N.C.R.               | Conducted (TH03-CB) |

Note: Calibration Interval of instruments listed above is one year.

NCR means Non-Calibration required.



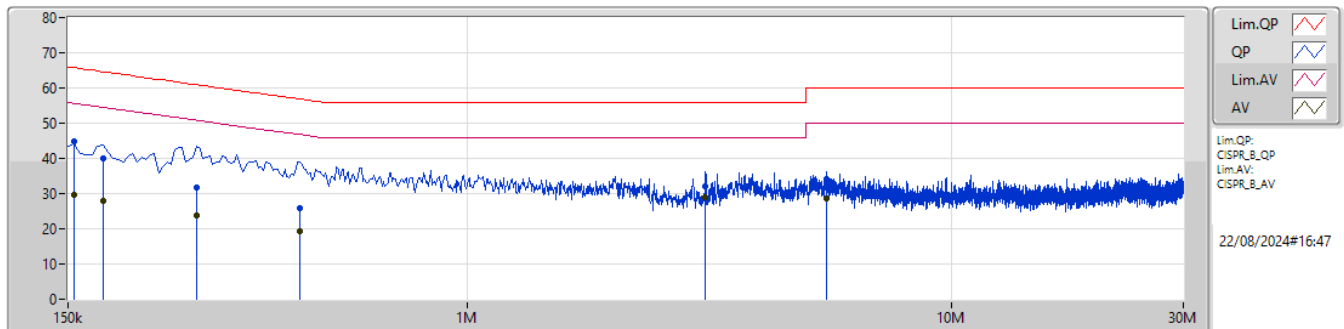
## Conducted Emissions at Powerline

## Appendix A

### Summary

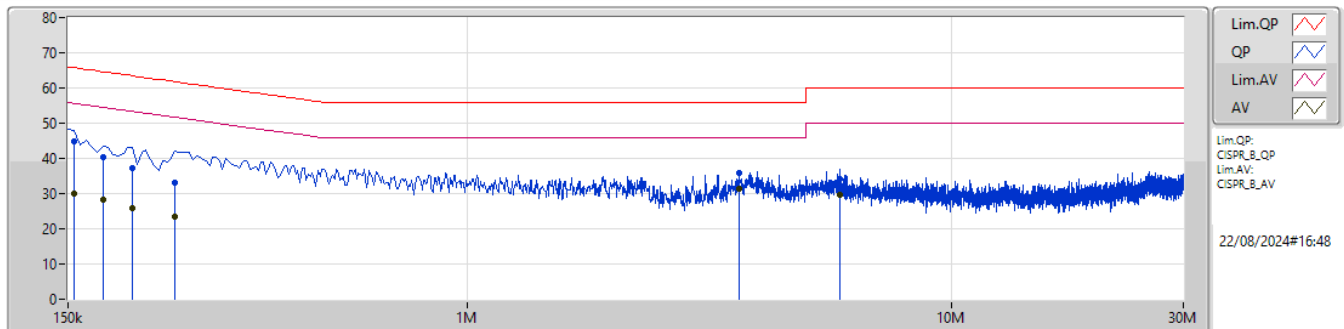
| Mode   | Result | Type | Freq<br>(Hz) | Level<br>(dBuV) | Limit<br>(dBuV) | Margin<br>(dB) | Condition |
|--------|--------|------|--------------|-----------------|-----------------|----------------|-----------|
| Mode 1 | Pass   | AV   | 3.633M       | 31.44           | 46.00           | -14.56         | Neutral   |

### Mode 1



| Type | Freq<br>(Hz) | Level<br>(dBuV) | Limit<br>(dBuV) | Margin<br>(dB) | Factor<br>(dB) | Condition | Comment | Raw<br>(dBuV) | LISN<br>(dB) | CL<br>(dB) | AT<br>(dB) |  |  |  |  |  |  |
|------|--------------|-----------------|-----------------|----------------|----------------|-----------|---------|---------------|--------------|------------|------------|--|--|--|--|--|--|
| QP   | 154.5k       | 44.70           | 65.75           | -21.05         | 9.92           | Line      | -       | 34.78         | 0.04         | 0.02       | 9.86       |  |  |  |  |  |  |
| AV   | 154.5k       | 29.62           | 55.75           | -26.13         | 9.92           | Line      | -       | 19.70         | 0.04         | 0.02       | 9.86       |  |  |  |  |  |  |
| QP   | 177k         | 40.13           | 64.62           | -24.49         | 9.92           | Line      | -       | 30.21         | 0.04         | 0.02       | 9.86       |  |  |  |  |  |  |
| AV   | 177k         | 28.05           | 54.62           | -26.57         | 9.92           | Line      | -       | 18.13         | 0.04         | 0.02       | 9.86       |  |  |  |  |  |  |
| QP   | 276k         | 31.58           | 60.93           | -29.35         | 9.93           | Line      | -       | 21.65         | 0.04         | 0.02       | 9.87       |  |  |  |  |  |  |
| AV   | 276k         | 23.93           | 50.93           | -27.00         | 9.93           | Line      | -       | 14.00         | 0.04         | 0.02       | 9.87       |  |  |  |  |  |  |
| QP   | 451.5k       | 25.93           | 56.84           | -30.91         | 9.96           | Line      | -       | 15.97         | 0.05         | 0.02       | 9.89       |  |  |  |  |  |  |
| AV   | 451.5k       | 19.14           | 46.84           | -27.70         | 9.96           | Line      | -       | 9.18          | 0.05         | 0.02       | 9.89       |  |  |  |  |  |  |
| QP   | 3.102M       | 32.09           | 56.00           | -23.91         | 10.13          | Line      | -       | 21.96         | 0.12         | 0.11       | 9.90       |  |  |  |  |  |  |
| AV   | 3.102M       | 29.13           | 46.00           | -16.87         | 10.13          | Line      | "Worst" | 19.00         | 0.12         | 0.11       | 9.90       |  |  |  |  |  |  |
| QP   | 5.505M       | 33.98           | 60.00           | -26.02         | 10.20          | Line      | -       | 23.78         | 0.16         | 0.14       | 9.90       |  |  |  |  |  |  |
| AV   | 5.505M       | 28.77           | 50.00           | -21.23         | 10.20          | Line      | -       | 18.57         | 0.16         | 0.14       | 9.90       |  |  |  |  |  |  |

### Mode 1



| Type | Freq<br>(Hz) | Level<br>(dBuV) | Limit<br>(dBuV) | Margin<br>(dB) | Factor<br>(dB) | Condition | Comment | Raw<br>(dBuV) | LISN<br>(dB) | CL<br>(dB) | AT<br>(dB) |  |  |  |  |  |  |
|------|--------------|-----------------|-----------------|----------------|----------------|-----------|---------|---------------|--------------|------------|------------|--|--|--|--|--|--|
| QP   | 154.5k       | 44.95           | 65.75           | -20.80         | 9.94           | Neutral   | -       | 35.01         | 0.06         | 0.02       | 9.86       |  |  |  |  |  |  |
| AV   | 154.5k       | 29.98           | 55.75           | -25.77         | 9.94           | Neutral   | -       | 20.04         | 0.06         | 0.02       | 9.86       |  |  |  |  |  |  |
| QP   | 177k         | 40.39           | 64.62           | -24.23         | 9.94           | Neutral   | -       | 30.45         | 0.06         | 0.02       | 9.86       |  |  |  |  |  |  |
| AV   | 177k         | 28.22           | 54.62           | -26.40         | 9.94           | Neutral   | -       | 18.28         | 0.06         | 0.02       | 9.86       |  |  |  |  |  |  |
| QP   | 204k         | 37.15           | 63.44           | -26.29         | 9.93           | Neutral   | -       | 27.22         | 0.06         | 0.02       | 9.85       |  |  |  |  |  |  |
| AV   | 204k         | 25.78           | 53.44           | -27.66         | 9.93           | Neutral   | -       | 15.85         | 0.06         | 0.02       | 9.85       |  |  |  |  |  |  |
| QP   | 249k         | 33.18           | 61.79           | -28.61         | 9.94           | Neutral   | -       | 23.24         | 0.06         | 0.02       | 9.86       |  |  |  |  |  |  |
| AV   | 249k         | 23.59           | 51.79           | -28.20         | 9.94           | Neutral   | -       | 13.65         | 0.06         | 0.02       | 9.86       |  |  |  |  |  |  |
| QP   | 3.633M       | 35.87           | 56.00           | -20.13         | 10.16          | Neutral   | -       | 25.71         | 0.13         | 0.13       | 9.90       |  |  |  |  |  |  |
| AV   | 3.633M       | 31.44           | 46.00           | -14.56         | 10.16          | Neutral   | "Worst" | 21.28         | 0.13         | 0.13       | 9.90       |  |  |  |  |  |  |
| QP   | 5.874M       | 34.00           | 60.00           | -26.00         | 10.22          | Neutral   | -       | 23.78         | 0.18         | 0.14       | 9.90       |  |  |  |  |  |  |
| AV   | 5.874M       | 29.67           | 50.00           | -20.33         | 10.22          | Neutral   | -       | 19.45         | 0.18         | 0.14       | 9.90       |  |  |  |  |  |  |

**Summary**

| Mode                               | Max-N dB<br>(Hz) | Max-OBW<br>(Hz) | ITU-Code | Min-N dB<br>(Hz) | Min-OBW<br>(Hz) |
|------------------------------------|------------------|-----------------|----------|------------------|-----------------|
| 5.725-5.895GHz                     | -                | -               | -        | -                | -               |
| 802.11a_Nss1,(6Mbps)_2TX           | 16.445M          | 21.571M         | 21M6D1D  | 16.28M           | 16.844M         |
| 802.11be EHT20-BF_Nss1,(MCS0)_2TX  | 19.085M          | 22.339M         | 22M3D1D  | 18.975M          | 19.015M         |
| 802.11be EHT40-BF_Nss1,(MCS0)_2TX  | 38.28M           | 55.322M         | 55M3D1D  | 36.74M           | 38.781M         |
| 802.11be EHT80-BF_Nss1,(MCS0)_2TX  | 77.44M           | 78.161M         | 78M2D1D  | 67.98M           | 77.961M         |
| 802.11be EHT160-BF_Nss1,(MCS0)_2TX | 157.96M          | 156.522M        | 157MD1D  | 157.08M          | 156.122M        |

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

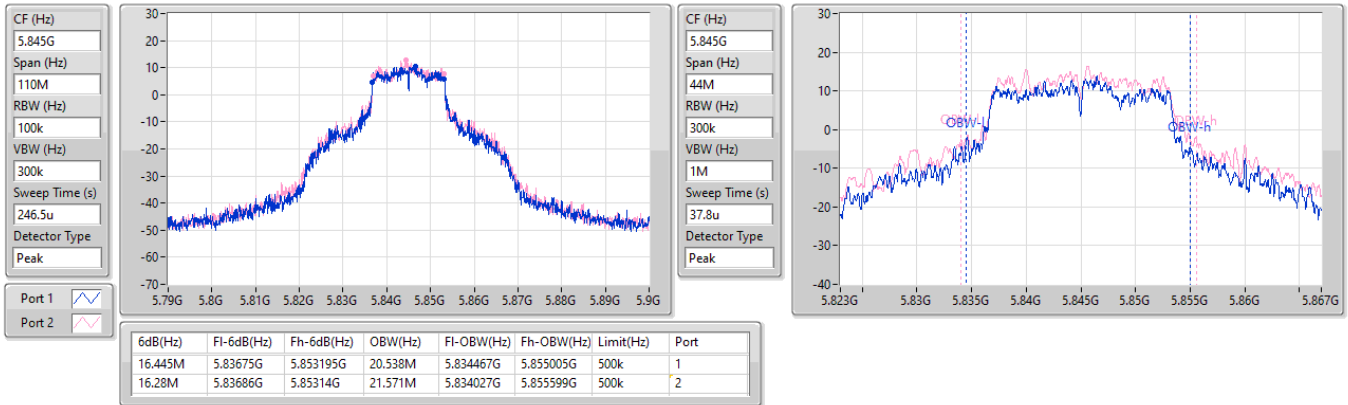
**Result**

| Mode                               | Result | Limit<br>(Hz) | Port 1-N dB<br>(Hz) | Port 1-OBW<br>(Hz) | Port 2-N dB<br>(Hz) | Port 2-OBW<br>(Hz) |
|------------------------------------|--------|---------------|---------------------|--------------------|---------------------|--------------------|
| 802.11a_Nss1,(6Mbps)_2TX           | -      | -             | -                   | -                  | -                   | -                  |
| 5845MHz                            | Pass   | 500k          | 16.445M             | 20.538M            | 16.28M              | 21.571M            |
| 5865MHz                            | Pass   | 500k          | 16.39M              | 17.041M            | 16.28M              | 16.866M            |
| 5885MHz                            | Pass   | 500k          | 16.445M             | 16.844M            | 16.39M              | 17.239M            |
| 802.11be EHT20-BF_Nss1,(MCS0)_2TX  | -      | -             | -                   | -                  | -                   | -                  |
| 5845MHz                            | Pass   | 500k          | 19.085M             | 21.239M            | 18.975M             | 22.339M            |
| 5865MHz                            | Pass   | 500k          | 19.03M              | 19.015M            | 19.085M             | 19.065M            |
| 5885MHz                            | Pass   | 500k          | 19.03M              | 19.04M             | 19.03M              | 19.09M             |
| 802.11be EHT40-BF_Nss1,(MCS0)_2TX  | -      | -             | -                   | -                  | -                   | -                  |
| 5835MHz                            | Pass   | 500k          | 38.06M              | 48.076M            | 38.06M              | 55.322M            |
| 5875MHz                            | Pass   | 500k          | 38.28M              | 38.781M            | 36.74M              | 39.03M             |
| 802.11be EHT80-BF_Nss1,(MCS0)_2TX  | -      | -             | -                   | -                  | -                   | -                  |
| 5855MHz                            | Pass   | 500k          | 67.98M              | 77.961M            | 77.44M              | 78.161M            |
| 802.11be EHT160-BF_Nss1,(MCS0)_2TX | -      | -             | -                   | -                  | -                   | -                  |
| 5815MHz                            | Pass   | 500k          | 157.08M             | 156.122M           | 157.96M             | 156.522M           |

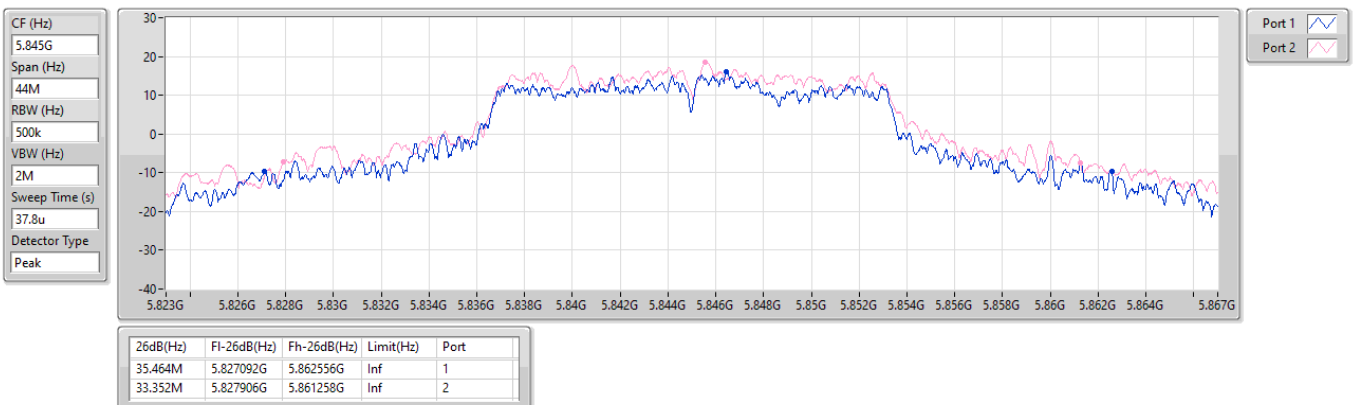
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band  
Port X-OBW = Port X 99% occupied bandwidth

**5.725-5.895GHz\_802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5845MHz**

27/08/2024

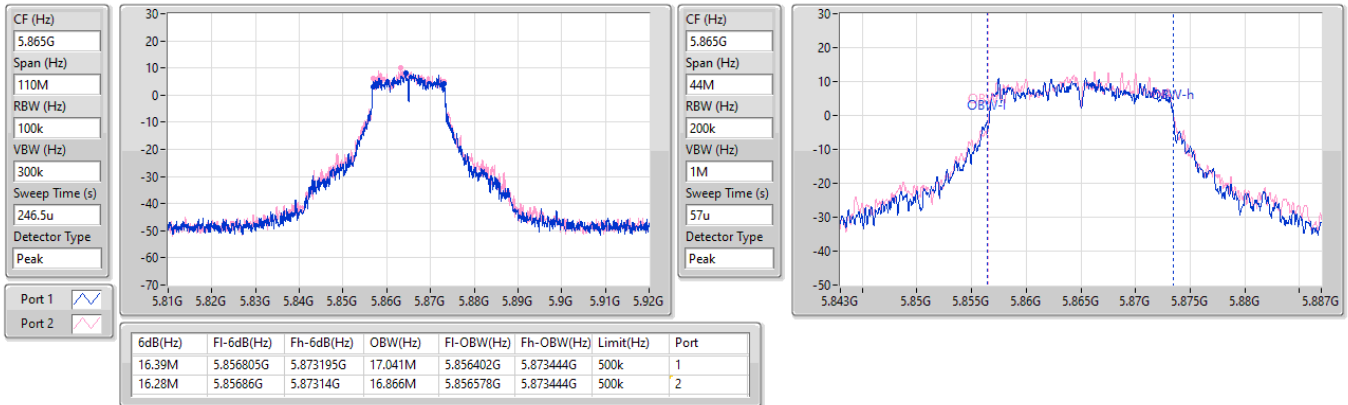

**5.725-5.895GHz\_802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5845MHz**

27/08/2024

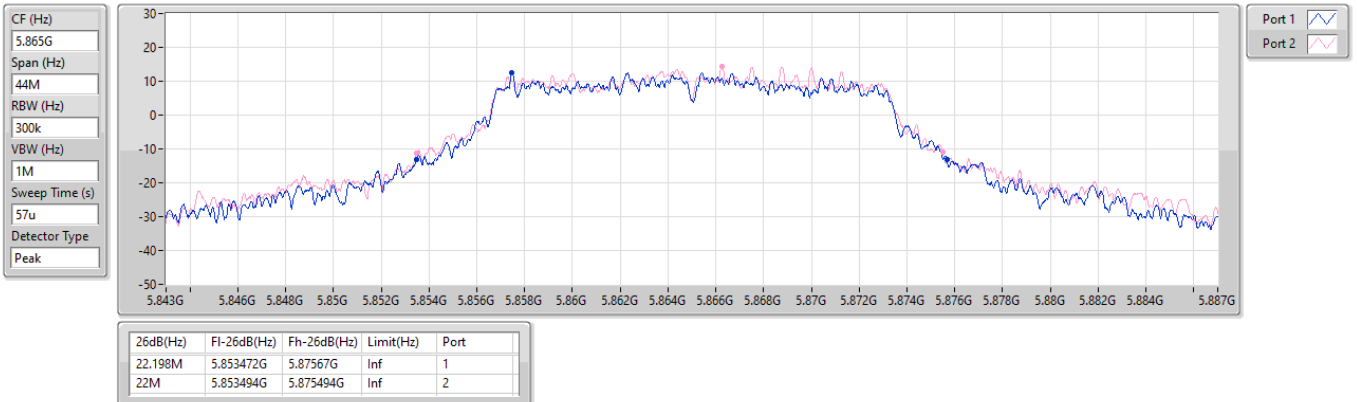


**5.725-5.895GHz\_802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5865MHz**

27/08/2024

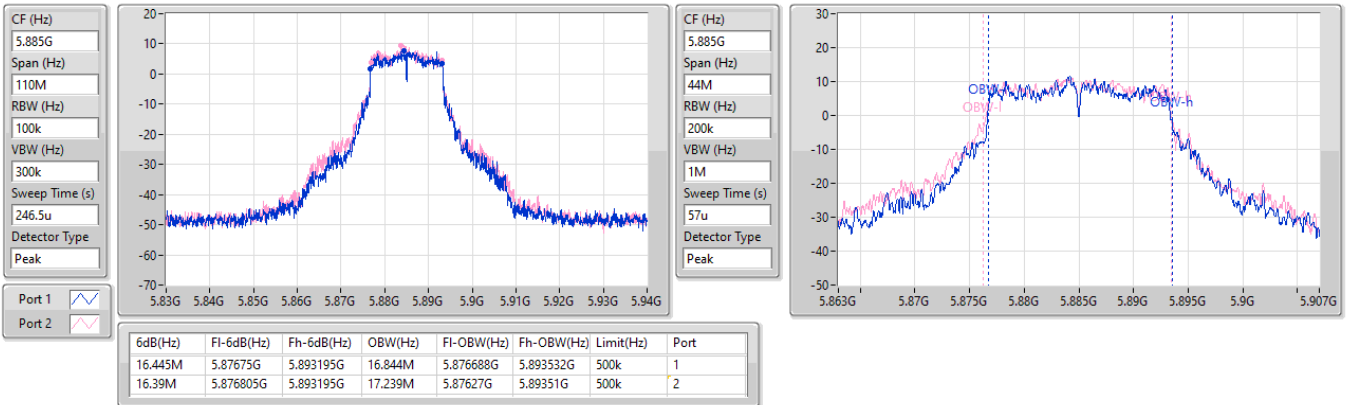

**5.725-5.895GHz\_802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5865MHz**

27/08/2024

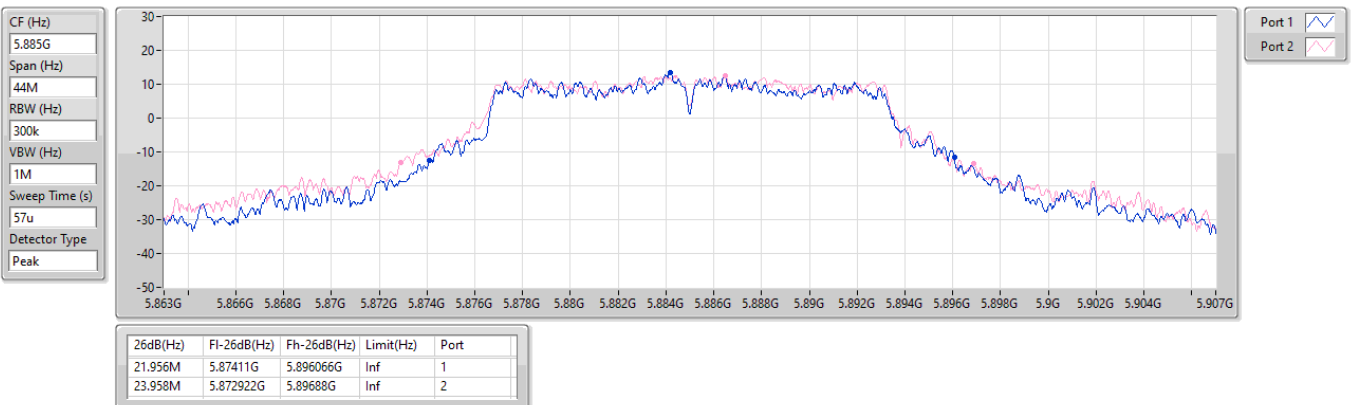


**5.725-5.895GHz\_802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5885MHz**

27/08/2024


**5.725-5.895GHz\_802.11a\_Nss1,(6Mbps)\_2TX**
**EBW**
**5885MHz**

27/08/2024

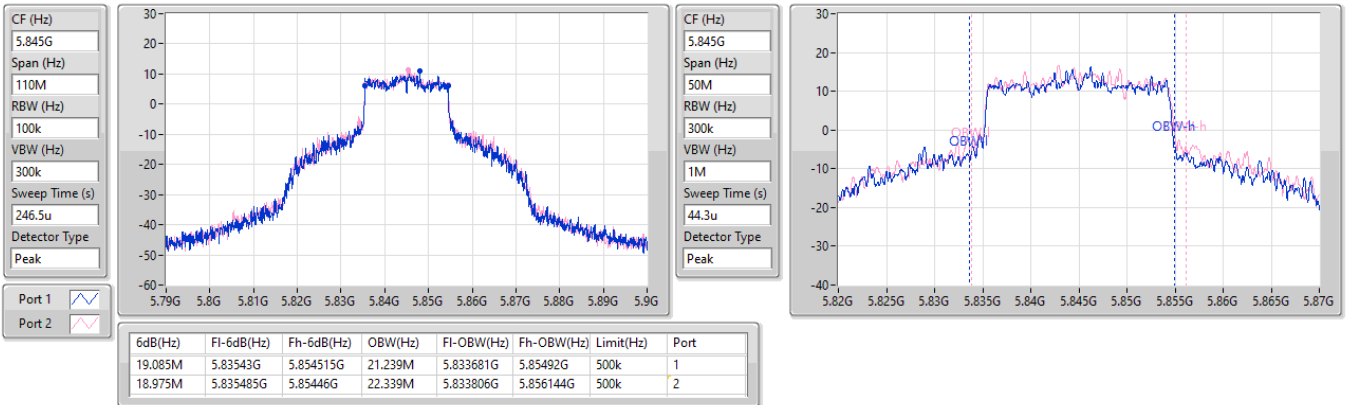


5.725-5.895GHz\_802.11be EHT20-BF\_Nss1,(MCS0)\_2TX

EBW

5845MHz

27/08/2024

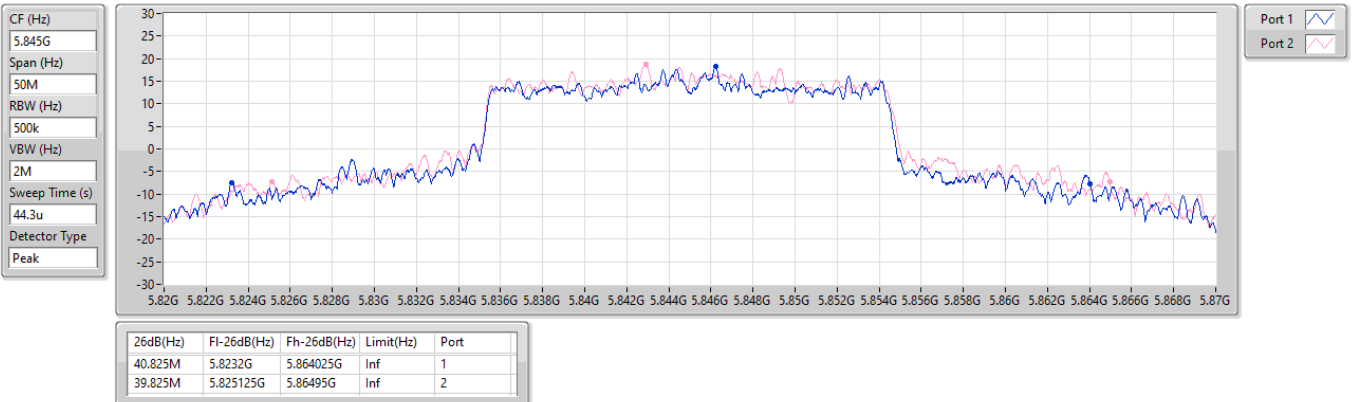


5.725-5.895GHz\_802.11be EHT20-BF\_Nss1,(MCS0)\_2TX

EBW

5845MHz

27/08/2024

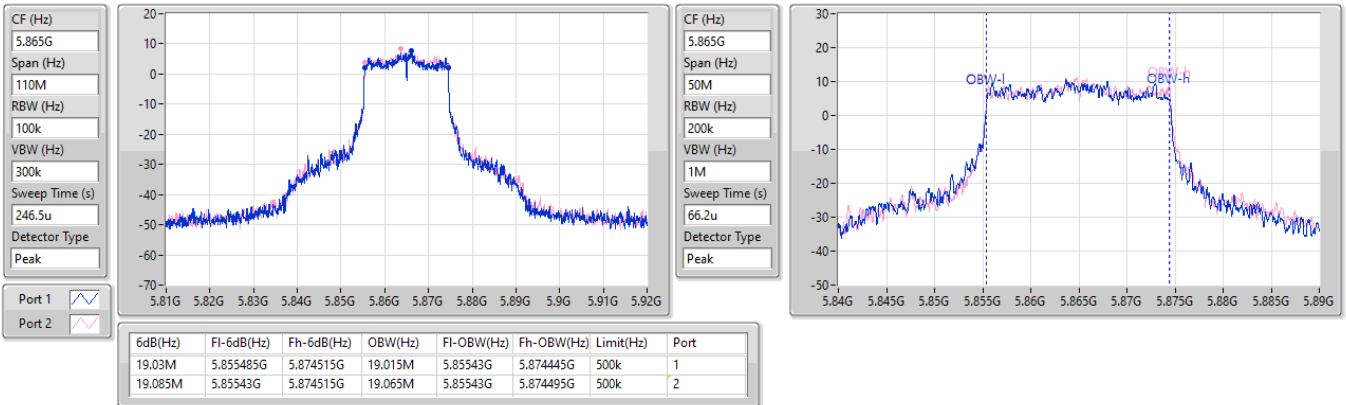


5.725-5.895GHz\_802.11be EHT20-BF\_Nss1,(MCS0)\_2TX

EBW

5865MHz

27/08/2024

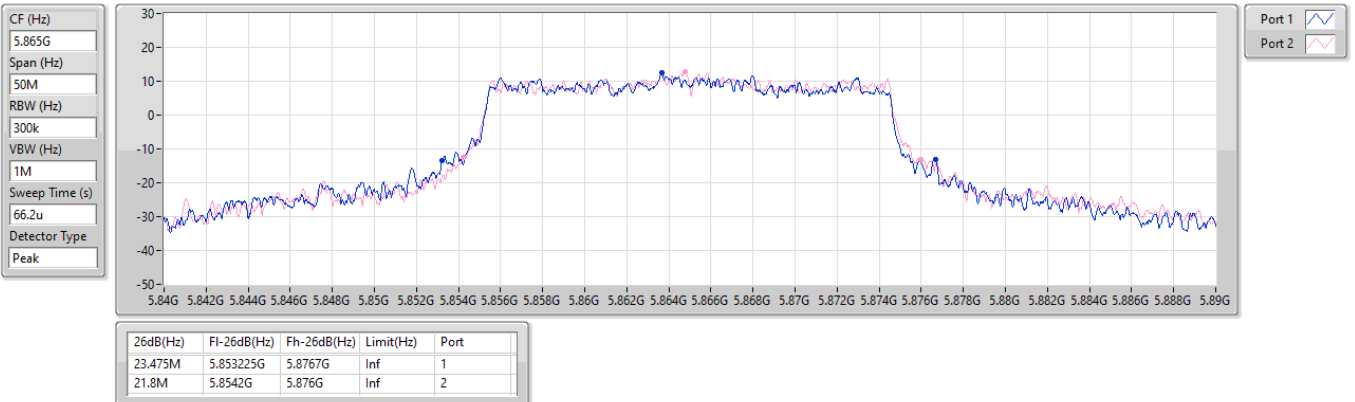


5.725-5.895GHz\_802.11be EHT20-BF\_Nss1,(MCS0)\_2TX

EBW

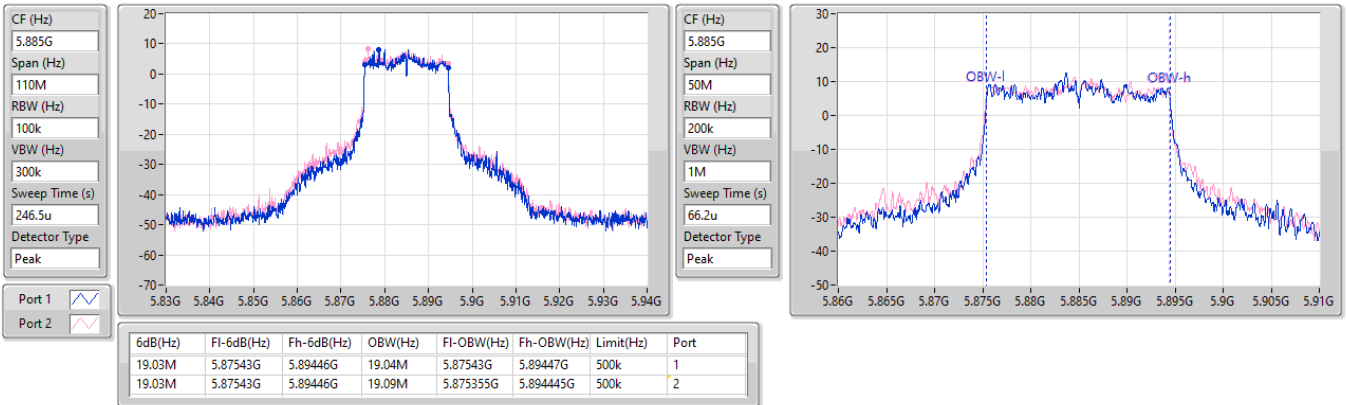
5865MHz

27/08/2024

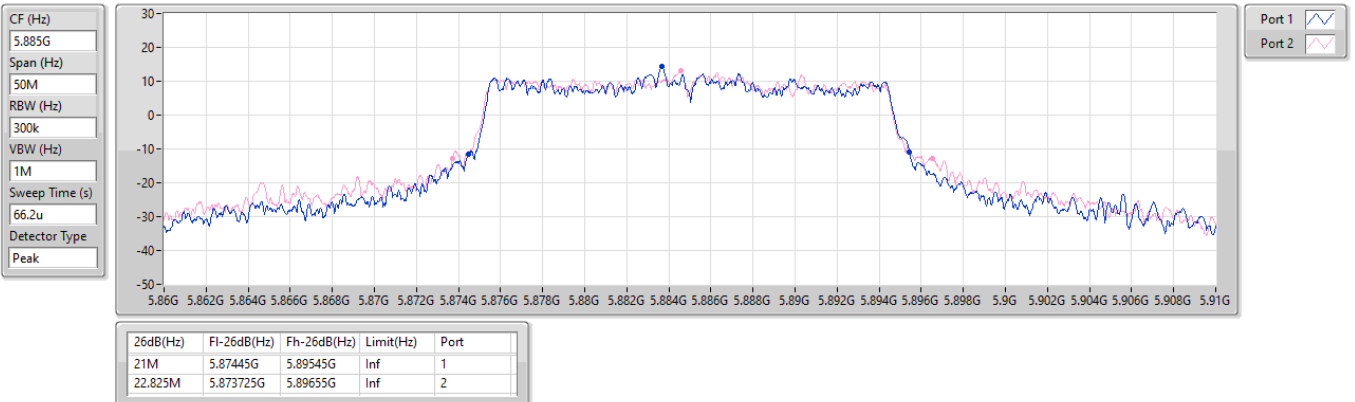


**5.725-5.895GHz\_802.11be EHT20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5885MHz**

27/08/2024

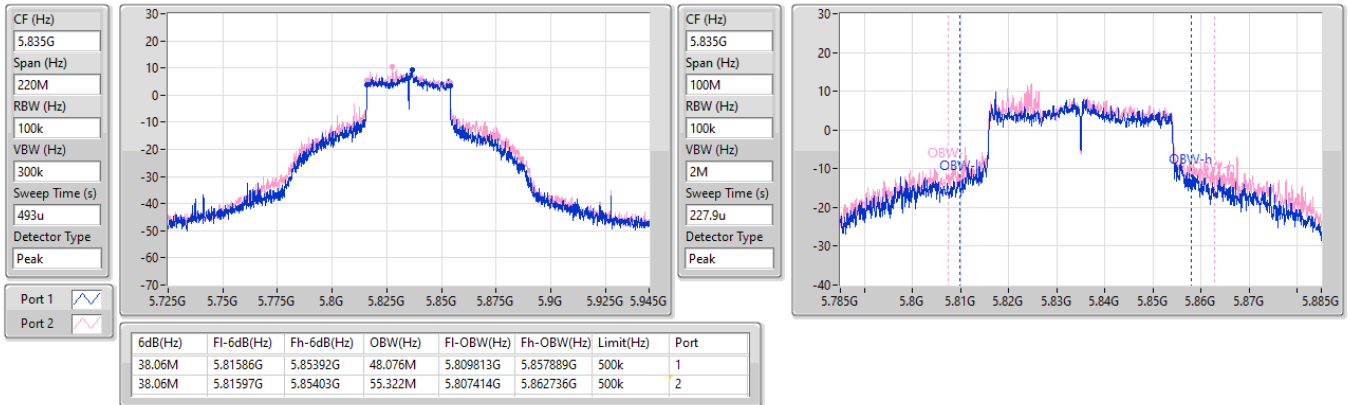

**5.725-5.895GHz\_802.11be EHT20-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5885MHz**

27/08/2024

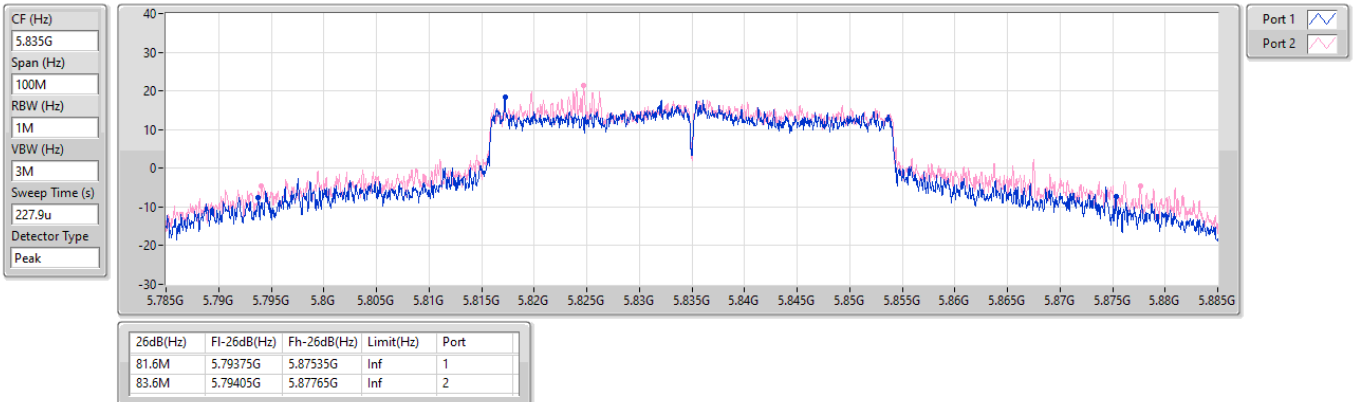


**5.725-5.895GHz\_802.11be EHT40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5835MHz**

27/08/2024


**5.725-5.895GHz\_802.11be EHT40-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5835MHz**

27/08/2024

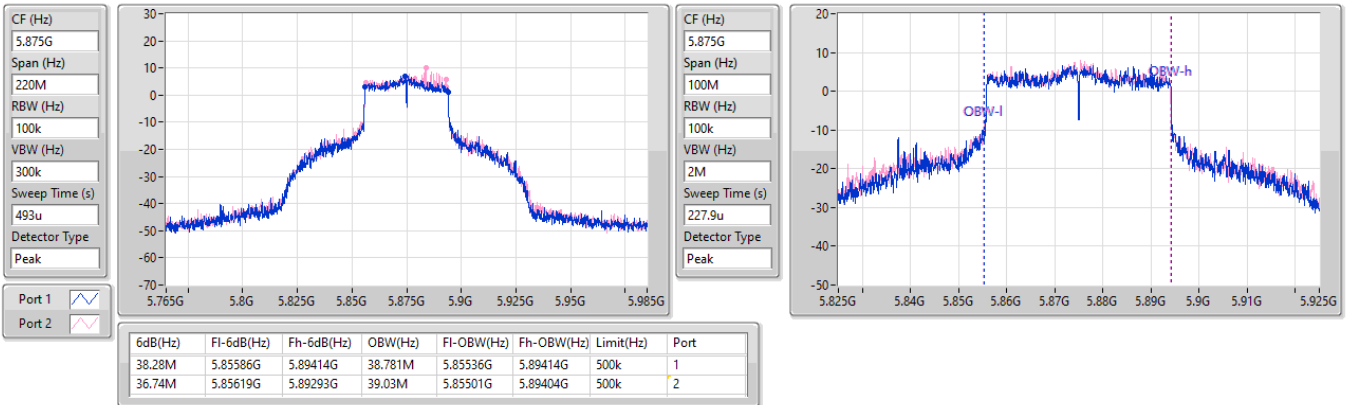


5.725-5.895GHz\_802.11be EHT40-BF\_Nss1,(MCS0)\_2TX

EBW

5875MHz

27/08/2024

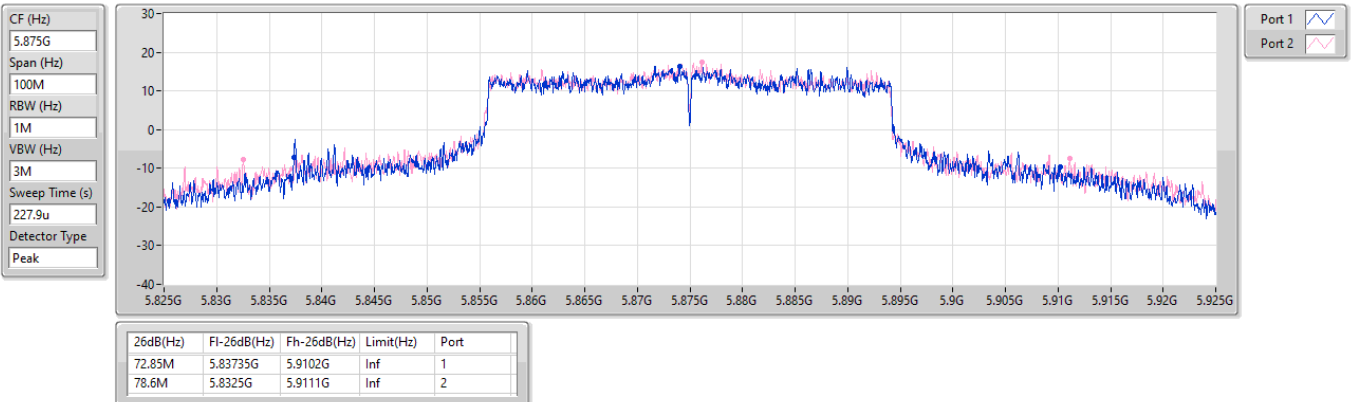


5.725-5.895GHz\_802.11be EHT40-BF\_Nss1,(MCS0)\_2TX

EBW

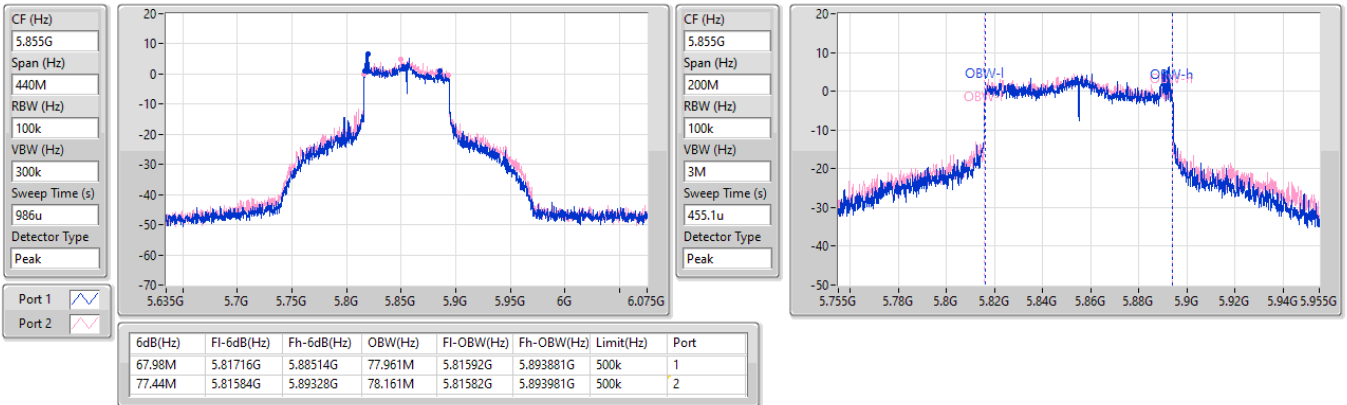
5875MHz

27/08/2024

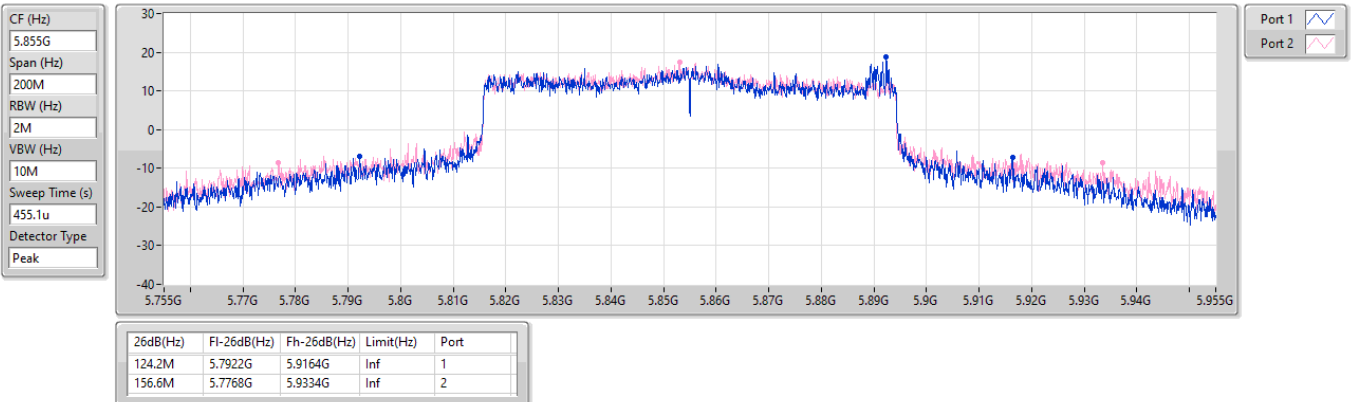


**5.725-5.895GHz\_802.11be EHT80-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5855MHz**

27/08/2024

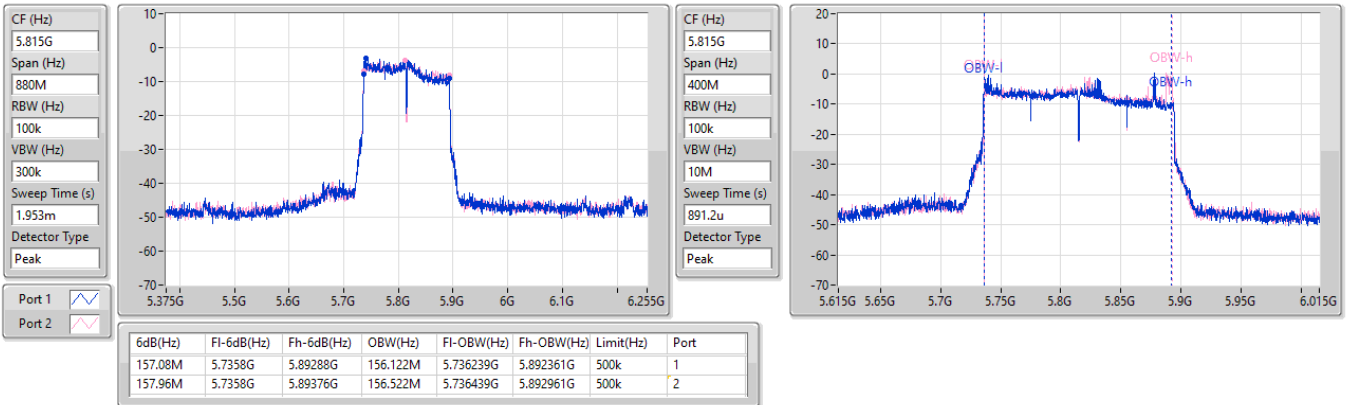

**5.725-5.895GHz\_802.11be EHT80-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5855MHz**

27/08/2024

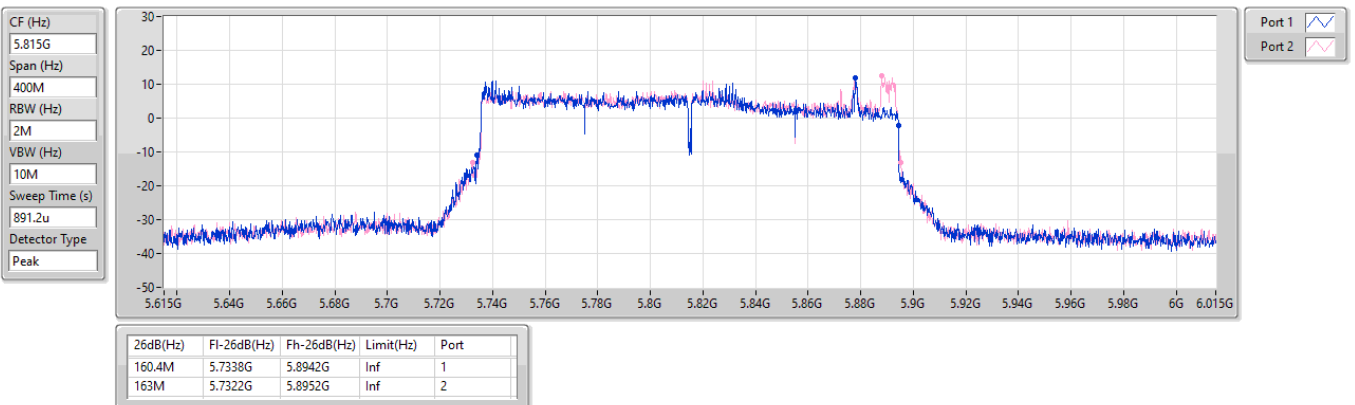


**5.725-5.895GHz\_802.11be EHT160-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5815MHz**

27/08/2024


**5.725-5.895GHz\_802.11be EHT160-BF\_Nss1,(MCS0)\_2TX**
**EBW**
**5815MHz**

27/08/2024



**Summary**

| Mode                               | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|------------------------------------|----------------------|--------------------|---------------|-------------|
| 5.725-5.895GHz                     | -                    | -                  | -             | -           |
| 802.11a_Nss1,(6Mbps)_2TX           | 27.60                | 0.57544            | 30.93         | 1.23880     |
| 802.11be EHT20-BF_Nss1,(MCS0)_2TX  | 27.84                | 0.60814            | 33.94         | 2.47742     |
| 802.11be EHT40-BF_Nss1,(MCS0)_2TX  | 28.02                | 0.63387            | 34.12         | 2.58226     |
| 802.11be EHT80-BF_Nss1,(MCS0)_2TX  | 26.96                | 0.49659            | 33.06         | 2.02302     |
| 802.11be EHT160-BF_Nss1,(MCS0)_2TX | 22.06                | 0.16069            | 28.16         | 0.65464     |

## Result

| Mode                               | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Total Power<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|------------------------------------|--------|-------------|-----------------|-----------------|----------------------|---------------|---------------------|
| 802.11a_Nss1,(6Mbps)_2TX           | -      | -           | -               | -               | -                    | -             | -                   |
| 5845MHz                            | Pass   | 3.33        | 24.27           | 24.89           | 27.60                | 30.93         | 36.00               |
| 5865MHz                            | Pass   | 3.33        | 21.85           | 22.53           | 25.21                | 28.54         | 36.00               |
| 5885MHz                            | Pass   | 3.33        | 21.80           | 22.76           | 25.32                | 28.65         | 36.00               |
| 802.11be EHT20-BF_Nss1,(MCS0)_2TX  | -      | -           | -               | -               | -                    | -             | -                   |
| 5845MHz                            | Pass   | 6.10        | 24.61           | 25.04           | 27.84                | 33.94         | 36.00               |
| 5865MHz                            | Pass   | 6.10        | 21.75           | 22.23           | 25.01                | 31.11         | 36.00               |
| 5885MHz                            | Pass   | 6.10        | 21.59           | 21.60           | 24.61                | 30.71         | 36.00               |
| 802.11be EHT40-BF_Nss1,(MCS0)_2TX  | -      | -           | -               | -               | -                    | -             | -                   |
| 5835MHz                            | Pass   | 6.10        | 24.60           | 25.38           | 28.02                | 34.12         | 36.00               |
| 5875MHz                            | Pass   | 6.10        | 24.04           | 24.36           | 27.21                | 33.31         | 36.00               |
| 802.11be EHT80-BF_Nss1,(MCS0)_2TX  | -      | -           | -               | -               | -                    | -             | -                   |
| 5855MHz                            | Pass   | 6.10        | 23.62           | 24.26           | 26.96                | 33.06         | 36.00               |
| 802.11be EHT160-BF_Nss1,(MCS0)_2TX | -      | -           | -               | -               | -                    | -             | -                   |
| 5815MHz                            | Pass   | 6.10        | 18.99           | 19.11           | 22.06                | 28.16         | 36.00               |

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

## Summary

| Mode                               | PD<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) |
|------------------------------------|-----------------|----------------------|
| 5.725-5.895GHz                     | -               | -                    |
| 802.11a_Nss1,(6Mbps)_2TX           | 13.86           | 19.96                |
| 802.11be EHT20-BF_Nss1,(MCS0)_2TX  | 13.10           | 19.20                |
| 802.11be EHT40-BF_Nss1,(MCS0)_2TX  | 12.22           | 18.32                |
| 802.11be EHT80-BF_Nss1,(MCS0)_2TX  | 9.11            | 15.21                |
| 802.11be EHT160-BF_Nss1,(MCS0)_2TX | -2.80           | 3.30                 |

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

**Result**

| Mode                               | Result | DG<br>(dBi) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) | PD<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) | EIRP PD Limit<br>(dBm/RBW) |
|------------------------------------|--------|-------------|---------------------|---------------------|-----------------|----------------------|----------------------------|
| 802.11a_Nss1,(6Mbps)_2TX           | -      | -           | -                   | -                   | -               | -                    | -                          |
| 5845MHz                            | Pass   | 6.10        | 10.47               | 10.89               | 13.56           | 19.66                | 20.00                      |
| 5865MHz                            | Pass   | 6.10        | 10.12               | 11.56               | 13.77           | 19.87                | 20.00                      |
| 5885MHz                            | Pass   | 6.10        | 10.07               | 11.69               | 13.86           | 19.96                | 20.00                      |
| 802.11be EHT20-BF_Nss1,(MCS0)_2TX  | -      | -           | -                   | -                   | -               | -                    | -                          |
| 5845MHz                            | Pass   | 6.10        | 9.75                | 10.51               | 13.10           | 19.20                | 20.00                      |
| 5865MHz                            | Pass   | 6.10        | 9.42                | 10.01               | 12.72           | 18.82                | 20.00                      |
| 5885MHz                            | Pass   | 6.10        | 9.40                | 10.34               | 12.87           | 18.97                | 20.00                      |
| 802.11be EHT40-BF_Nss1,(MCS0)_2TX  | -      | -           | -                   | -                   | -               | -                    | -                          |
| 5835MHz                            | Pass   | 6.10        | 6.64                | 7.72                | 10.15           | 16.25                | 20.00                      |
| 5875MHz                            | Pass   | 6.10        | 8.84                | 9.63                | 12.22           | 18.32                | 20.00                      |
| 802.11be EHT80-BF_Nss1,(MCS0)_2TX  | -      | -           | -                   | -                   | -               | -                    | -                          |
| 5855MHz                            | Pass   | 6.10        | 5.77                | 6.42                | 9.11            | 15.21                | 20.00                      |
| 802.11be EHT160-BF_Nss1,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                    | -                          |
| 5815MHz                            | Pass   | 6.10        | -5.81               | -5.52               | -2.80           | 3.30                 | 20.00                      |

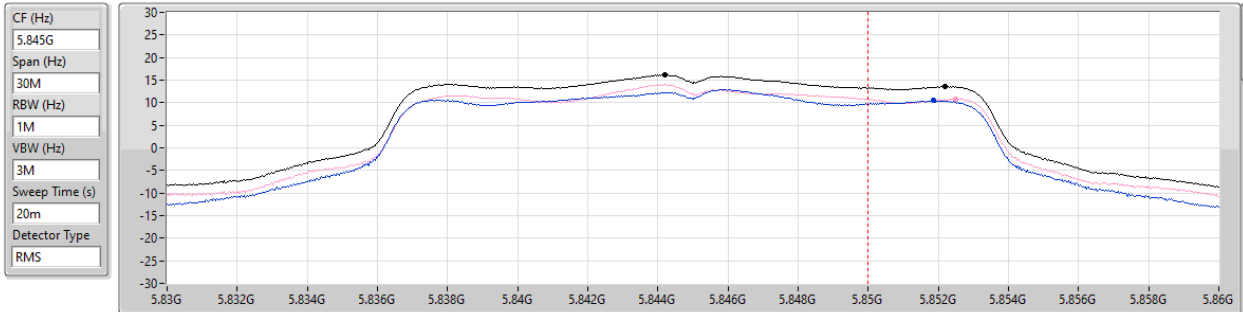
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;  
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;  
 Inf = There's no restriction for the limit.

5.725-5.895GHz\_802.11a\_Nss1,(6Mbps)\_2TX

PSD

5845MHz

27/08/2024



5725-5850MHz

| Sum   | PD    | Limit RBW | BWCF  |
|-------|-------|-----------|-------|
| (dBm) | (dBm) | (Hz)      | (dB)  |
| 16.24 | 13.23 | 500k      | -3.01 |

5850-5895MHz

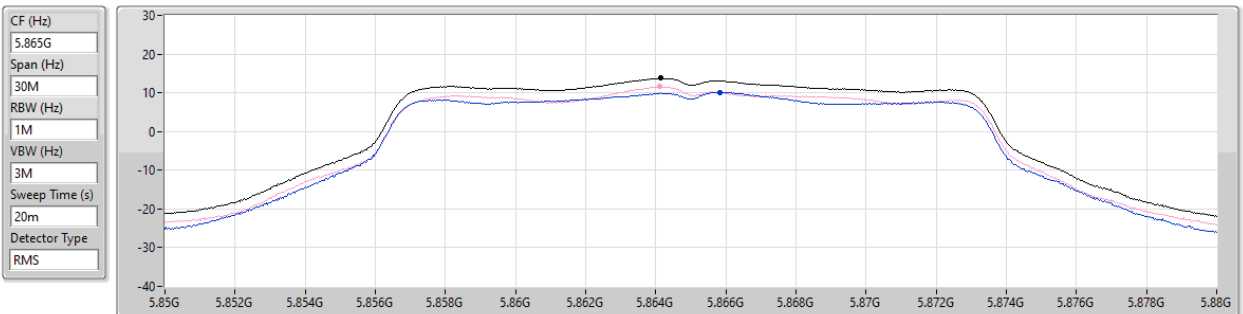
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 13.56     | 13.56     | 10.47     | 10.89     |

5.725-5.895GHz\_802.11a\_Nss1,(6Mbps)\_2TX

PSD

5865MHz

27/08/2024



| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 13.77     | 13.77     | 10.12     | 11.56     |

## 5.725-5.895GHz\_802.11a\_Nss1,(6Mbps)\_2TX

PSD

5885MHz

27/08/2024

CF (Hz)  
5.885G

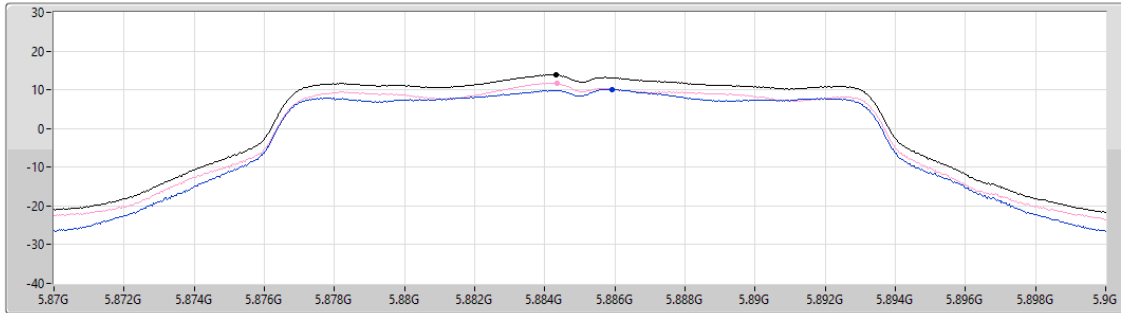
Span (Hz)  
30M

RBW (Hz)  
1M

VBW (Hz)  
3M

Sweep Time (s)  
20m

Detector Type  
RMS



| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 13.86     | 13.86     | 10.07     | 11.69     |

Sum

Port 1

Port 2

## 5.725-5.895GHz\_802.11be EHT20-BF\_Nss1,(MCS0)\_2TX

PSD

5845MHz

27/08/2024

CF (Hz)  
5.845G

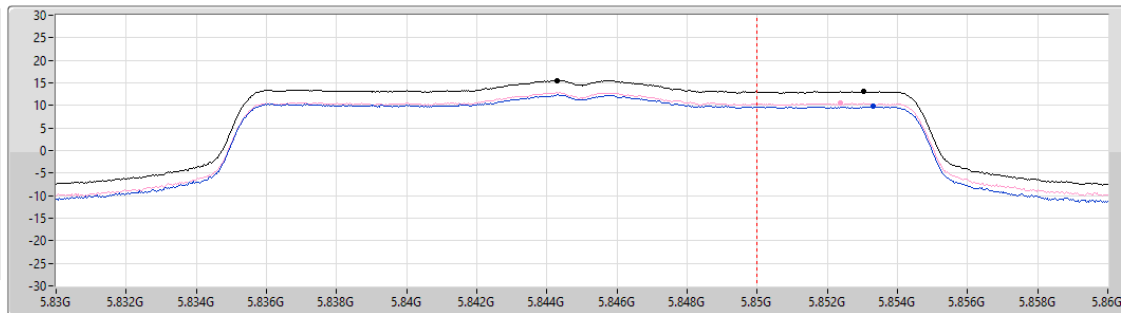
Span (Hz)  
30M

RBW (Hz)  
1M

VBW (Hz)  
3M

Sweep Time (s)  
20m

Detector Type  
RMS



Sum

Port 1

Port 2

5725-5850MHz

| Sum   | PD    | Limit RBW | BWCF  |
|-------|-------|-----------|-------|
| (dBm) | (dBm) | (Hz)      | (dB)  |
| 15.58 | 12.57 | 500k      | -3.01 |

5850-5895MHz

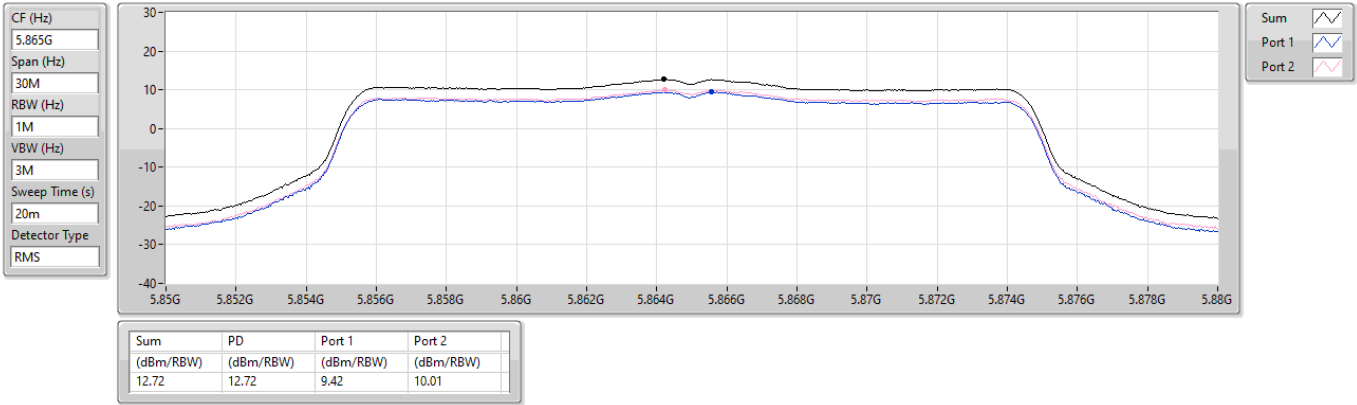
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 13.10     | 13.10     | 9.75      | 10.51     |

5.725-5.895GHz\_802.11be EHT20-BF\_Nss1,(MCS0)\_2TX

PSD

5865MHz

27/08/2024

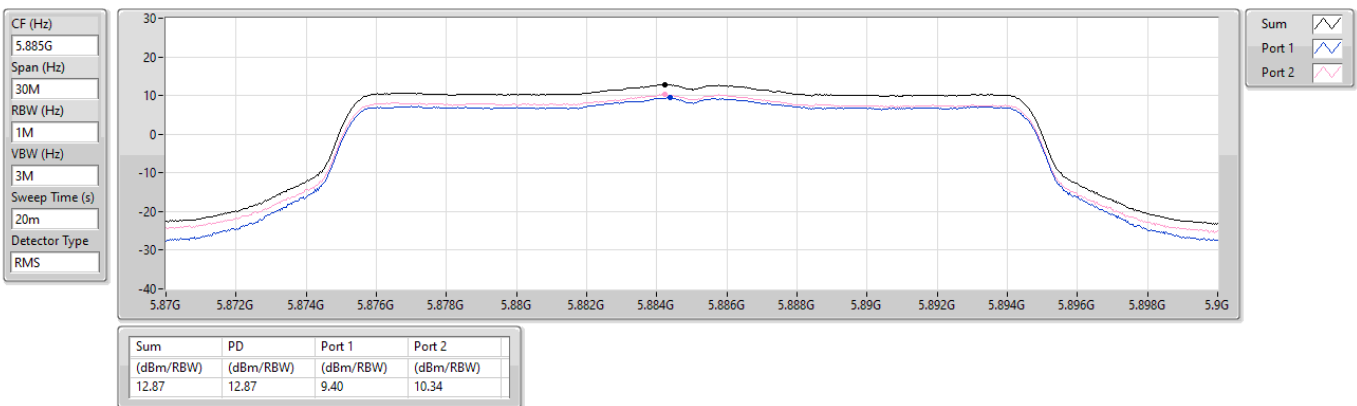


5.725-5.895GHz\_802.11be EHT20-BF\_Nss1,(MCS0)\_2TX

PSD

5885MHz

27/08/2024

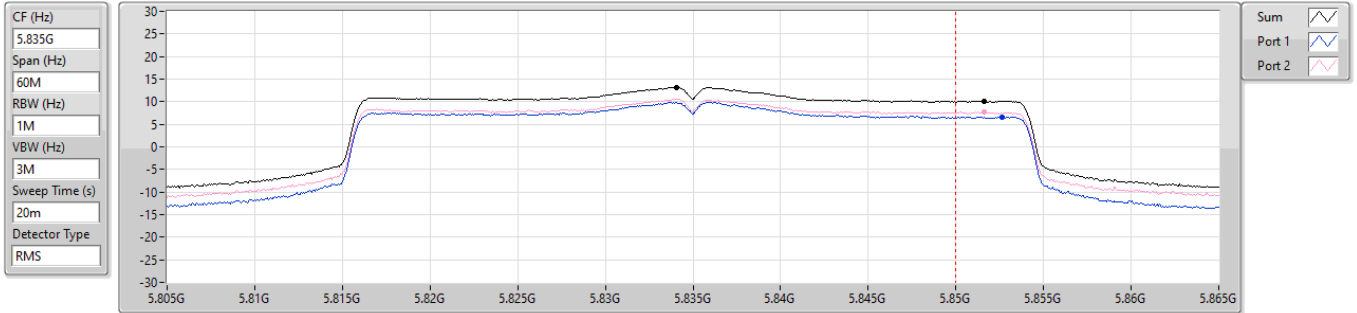


5.725-5.895GHz\_802.11be EHT40-BF\_Nss1,(MCS0)\_2TX

PSD

5835MHz

27/08/2024



5725-5850MHz

| Sum   | PD    | Limit RBW | BWCF  |
|-------|-------|-----------|-------|
| (dBm) | (dBm) | (Hz)      | (dB)  |
| 13.17 | 10.16 | 500k      | -3.01 |

5850-5895MHz

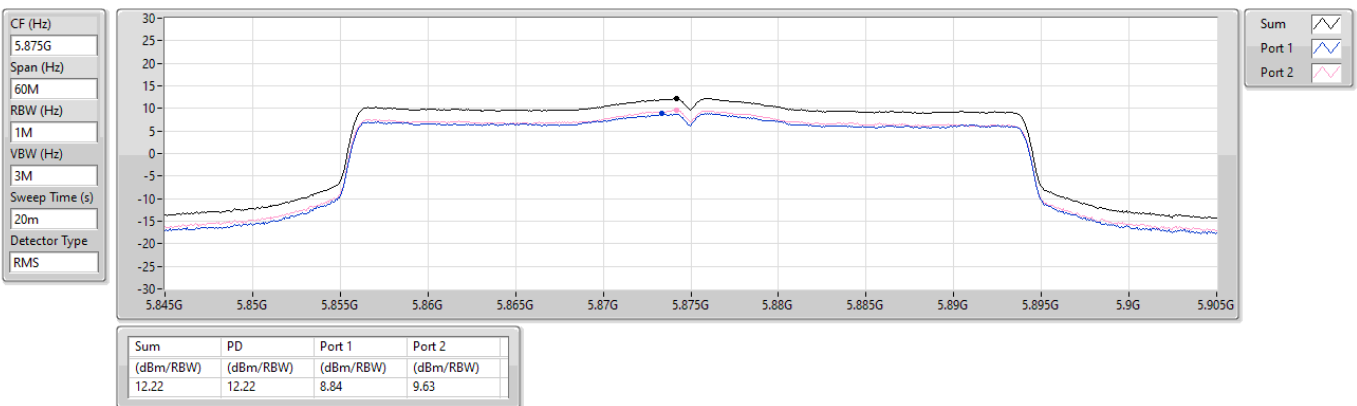
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 10.15     | 10.15     | 6.64      | 7.72      |

5.725-5.895GHz\_802.11be EHT40-BF\_Nss1,(MCS0)\_2TX

PSD

5875MHz

27/08/2024

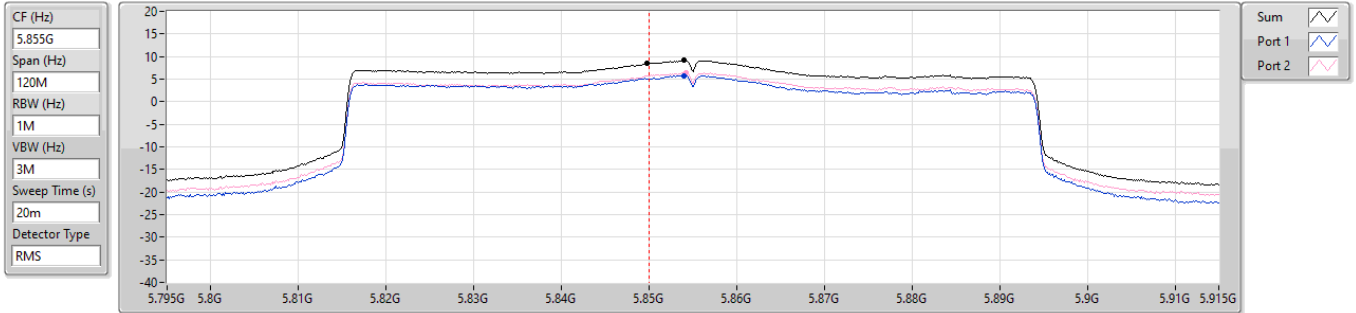


5.725-5.895GHz\_802.11be EHT80-BF\_Nss1,(MCS0)\_2TX

PSD

5855MHz

27/08/2024



5725-5850MHz

| Sum   | PD    | Limit RBW | BWCF  |
|-------|-------|-----------|-------|
| (dBm) | (dBm) | (Hz)      | (dB)  |
| 8.43  | 5.42  | 500k      | -3.01 |

5850-5895MHz

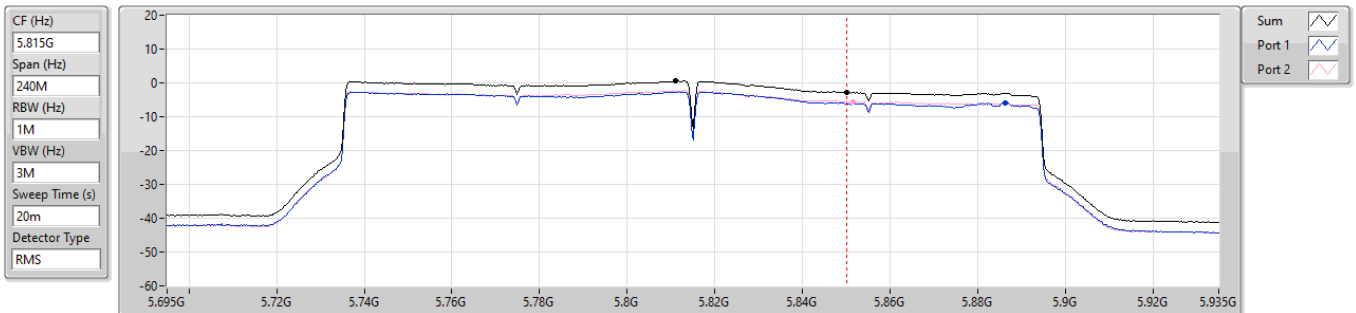
| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 9.11      | 9.11      | 5.77      | 6.42      |

5.725-5.895GHz\_802.11be EHT160-BF\_Nss1,(MCS0)\_2TX

PSD

5815MHz

27/08/2024



5725-5850MHz

| Sum   | PD    | Limit RBW | BWCF  |
|-------|-------|-----------|-------|
| (dBm) | (dBm) | (Hz)      | (dB)  |
| 0.50  | -2.51 | 500k      | -3.01 |

5850-5895MHz

| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -2.80     | -2.80     | -5.81     | -5.52     |



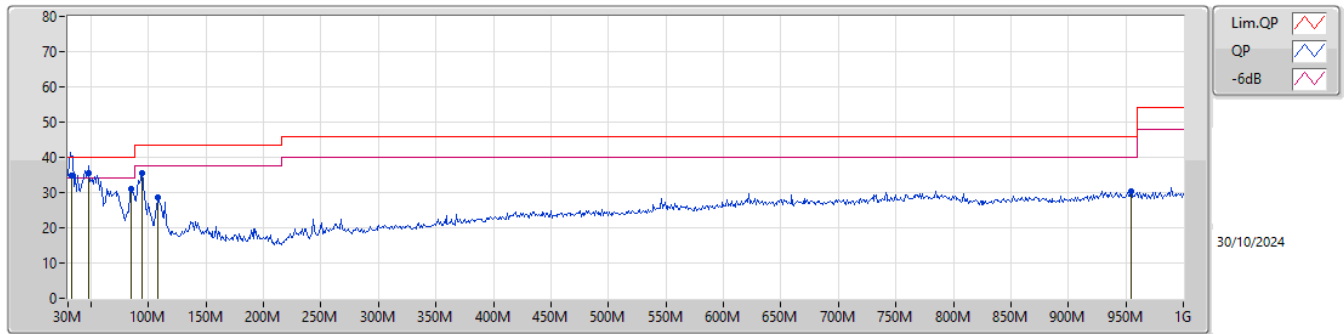
## ***Radiated Emissions below 1GHz***

## ***Appendix E.1***

### **Summary**

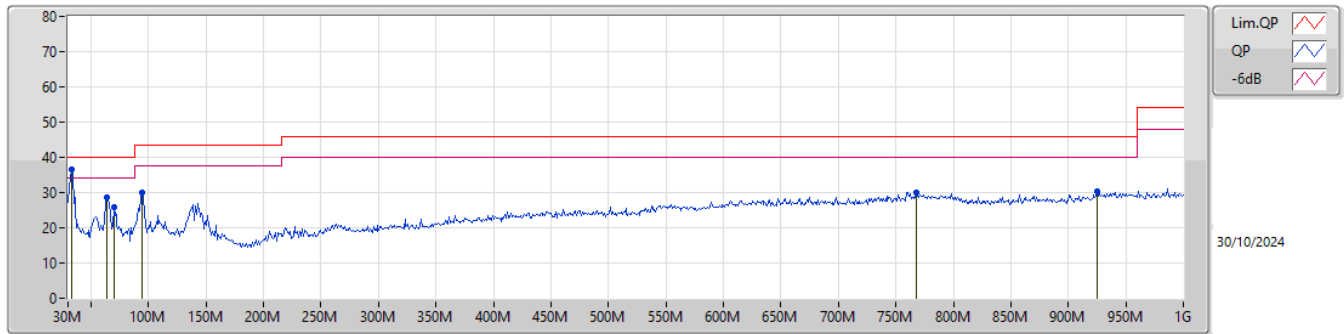
| Mode   | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Condition  |
|--------|--------|------|--------------|-------------------|-------------------|----------------|------------|
| Mode 1 | Pass   | PK   | 32.91M       | 36.57             | 40.00             | -3.43          | Horizontal |

### Mode 1



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB/m) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB/m) | CL<br>(dB) | PA<br>(dB) |  |  |
|------|--------------|-------------------|-------------------|----------------|------------------|-------------|-----------|----------------|---------------|---------|---------------|--------------|------------|------------|--|--|
| QP   | 32.91M       | 34.90             | 40.00             | -5.10          | -9.17            | 3           | Vertical  | 210            | 1.00          | -       | 44.07         | 22.68        | 0.56       | 32.41      |  |  |
| PK   | 48.43M       | 35.42             | 40.00             | -4.58          | -16.94           | 3           | Vertical  | 1              | 1.00          | "Worst" | 52.36         | 14.74        | 0.66       | 32.34      |  |  |
| PK   | 85.29M       | 31.04             | 40.00             | -8.96          | -17.60           | 3           | Vertical  | 138            | 1.50          | -       | 48.64         | 13.80        | 0.98       | 32.38      |  |  |
| PK   | 94.02M       | 35.60             | 43.50             | -7.90          | -15.89           | 3           | Vertical  | 283            | 1.25          | -       | 51.49         | 15.49        | 1.00       | 32.38      |  |  |
| PK   | 108.57M      | 28.63             | 43.50             | -14.87         | -13.85           | 3           | Vertical  | 168            | 1.25          | -       | 42.48         | 17.46        | 1.02       | 32.33      |  |  |
| PK   | 954.41M      | 30.27             | 46.00             | -15.73         | -0.72            | 3           | Vertical  | 186            | 2.00          | -       | 30.99         | 26.63        | 3.08       | 30.43      |  |  |

### Mode 1



| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Factor<br>(dB/m) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | Raw<br>(dBuV) | AF<br>(dB/m) | CL<br>(dB) | PA<br>(dB) |  |  |
|------|--------------|-------------------|-------------------|----------------|------------------|-------------|------------|----------------|---------------|---------|---------------|--------------|------------|------------|--|--|
| PK   | 32.91M       | 36.57             | 40.00             | -3.43          | -9.17            | 3           | Horizontal | 241            | 1.25          | "Worst" | 45.74         | 22.68        | 0.56       | 32.41      |  |  |
| PK   | 63.95M       | 28.71             | 40.00             | -11.29         | -19.37           | 3           | Horizontal | 360            | 1.00          | -       | 48.08         | 12.16        | 0.75       | 32.28      |  |  |
| PK   | 69.77M       | 25.76             | 40.00             | -14.24         | -19.24           | 3           | Horizontal | 17             | 2.00          | -       | 45.00         | 12.18        | 0.87       | 32.29      |  |  |
| PK   | 94.02M       | 29.97             | 43.50             | -13.53         | -15.89           | 3           | Horizontal | 204            | 2.00          | -       | 45.86         | 15.49        | 1.00       | 32.38      |  |  |
| PK   | 768.17M      | 30.11             | 46.00             | -15.89         | -2.99            | 3           | Horizontal | 140            | 1.50          | -       | 33.10         | 25.70        | 2.75       | 31.44      |  |  |
| PK   | 925.31M      | 30.33             | 46.00             | -15.67         | -1.45            | 3           | Horizontal | 6              | 2.00          | -       | 31.78         | 26.48        | 3.06       | 30.99      |  |  |

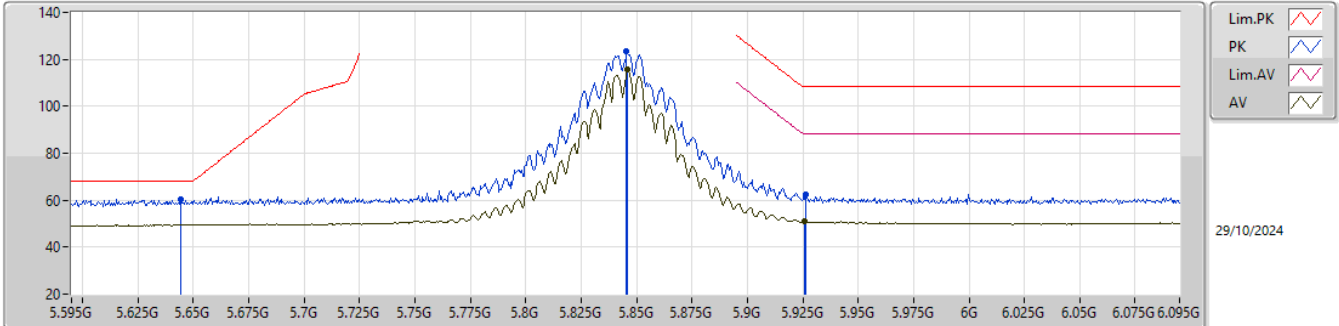


**Summary**

| Mode                               | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comments |
|------------------------------------|--------|------|--------------|-------------------|-------------------|----------------|-------------|-----------|----------------|---------------|----------|
| 5.85-5.895GHz                      | -      | -    | -            | -                 | -                 | -              | -           | -         | -              | -             | -        |
| 802.11be EHT160-BF_Nss1,(MCS0)_2TX | Pass   | PK   | 5.648G       | 66.19             | 68.20             | -2.01          | 3           | Vertical  | 173            | 1.80          | -        |

## 5.85-5.895GHz\_802.11a\_Nss1,(6Mbps)\_2TX

### 5845MHz\_TX

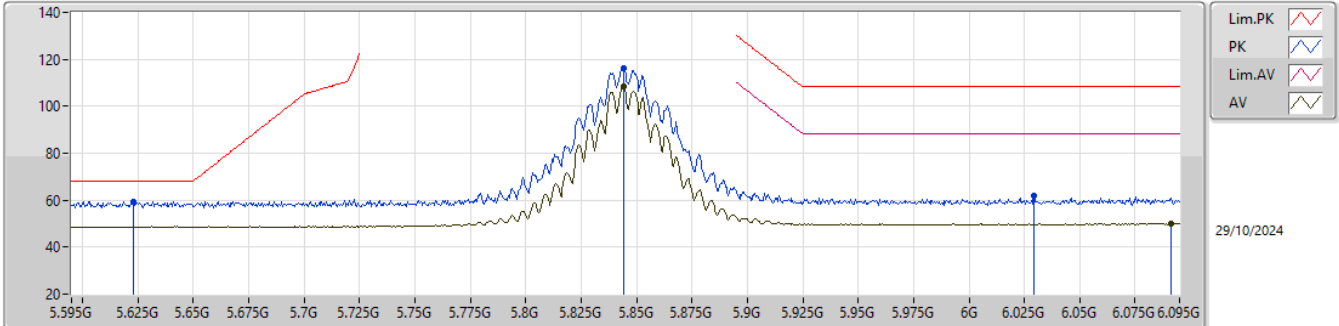


EUT\_Y\_2TX  
Setting 29  
03-V-V-1-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |  |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|--|--|--|
| PK   | 5.6445G      | 60.58             | 68.20             | -7.62          | 53.91         | 3           | Vertical  | 164            | 1.63          | -       | 34.21      | 7.69       | 35.23      |  |  |  |
| PK   | 5.8455G      | 123.66            | Inf               | -Inf           | 116.57        | 3           | Vertical  | 164            | 1.63          | -       | 34.29      | 8.01       | 35.21      |  |  |  |
| RMS  | 5.846G       | 115.72            | Inf               | -Inf           | 108.63        | 3           | Vertical  | 164            | 1.63          | -       | 34.29      | 8.01       | 35.21      |  |  |  |
| PK   | 5.9265G      | 62.52             | 108.20            | -45.68         | 55.08         | 3           | Vertical  | 164            | 1.63          | -       | 34.55      | 8.09       | 35.20      |  |  |  |
| RMS  | 5.926G       | 51.00             | 88.20             | -37.20         | 43.56         | 3           | Vertical  | 164            | 1.63          | -       | 34.55      | 8.09       | 35.20      |  |  |  |

5.85-5.895GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5845MHz\_TX

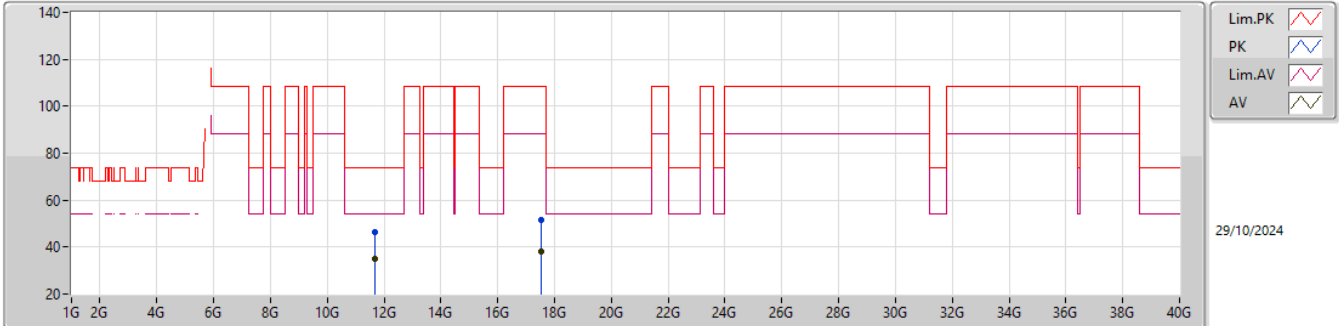


EUT\_Y\_2TX  
Setting 29  
03-V-V-1-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |  |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|--|--|--|
| PK   | 5.623G       | 59.47             | 68.20             | -8.73          | 52.80         | 3           | Horizontal | 161            | 2.26          | -       | 34.25      | 7.65       | 35.23      |  |  |  |
| PK   | 5.844G       | 116.28            | Inf               | -Inf           | 109.19        | 3           | Horizontal | 161            | 2.26          | -       | 34.29      | 8.01       | 35.21      |  |  |  |
| RMS  | 5.844G       | 108.68            | Inf               | -Inf           | 101.59        | 3           | Horizontal | 161            | 2.26          | -       | 34.29      | 8.01       | 35.21      |  |  |  |
| PK   | 6.0295G      | 61.90             | 108.20            | -46.30         | 54.28         | 3           | Horizontal | 161            | 2.26          | -       | 34.60      | 8.21       | 35.19      |  |  |  |
| RMS  | 6.091G       | 50.24             | 88.20             | -37.96         | 42.28         | 3           | Horizontal | 161            | 2.26          | -       | 34.85      | 8.31       | 35.20      |  |  |  |

## 5.85-5.895GHz\_802.11a\_Nss1,(6Mbps)\_2TX

### 5845MHz\_TX

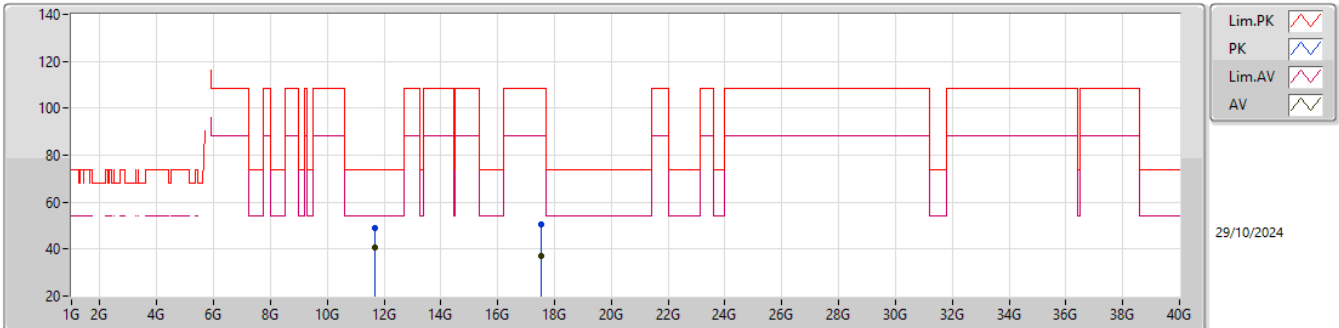


EUT\_Y\_2TX  
Setting 29  
03-V-V-1

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |  |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|--|--|--|
| PK   | 11.68862G    | 46.58             | 74.00             | -27.42         | 61.48         | 3           | Vertical  | 314            | 1.58          | -       | 39.35      | 11.70      | 65.95      |  |  |  |
| AV   | 11.69G       | 34.94             | 54.00             | -19.06         | 49.82         | 3           | Vertical  | 314            | 1.58          | -       | 39.36      | 11.70      | 65.94      |  |  |  |
| PK   | 17.53959G    | 51.55             | 108.20            | -56.65         | 57.81         | 3           | Vertical  | 245            | 2.36          | -       | 42.90      | 14.02      | 63.18      |  |  |  |
| RMS  | 17.53802G    | 38.13             | 88.20             | -50.07         | 44.42         | 3           | Vertical  | 245            | 2.36          | -       | 42.88      | 14.02      | 63.19      |  |  |  |

## 5.85-5.895GHz\_802.11a\_Nss1,(6Mbps)\_2TX

### 5845MHz\_TX

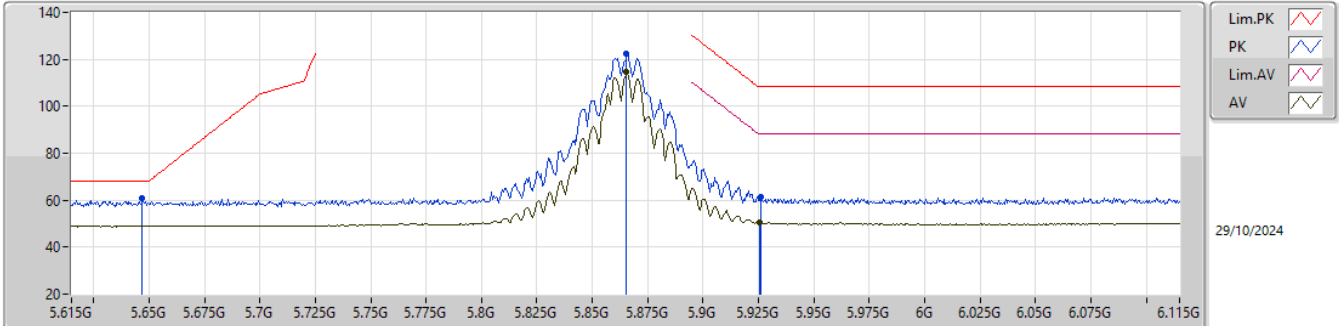


EUT\_Y\_2TX  
Setting 29  
03-V-V-1

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |  |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|--|--|--|
| PK   | 11.68994G    | 48.75             | 74.00             | -25.25         | 63.63         | 3           | Horizontal | 20             | 1.80          | -       | 39.36      | 11.70      | 65.94      |  |  |  |
| AV   | 11.69G       | 40.90             | 54.00             | -13.10         | 55.78         | 3           | Horizontal | 20             | 1.80          | -       | 39.36      | 11.70      | 65.94      |  |  |  |
| PK   | 17.53389G    | 50.56             | 108.20            | -57.64         | 56.89         | 3           | Horizontal | 229            | 1.94          | -       | 42.84      | 14.02      | 63.19      |  |  |  |
| RMS  | 17.53835G    | 37.14             | 88.20             | -51.06         | 43.42         | 3           | Horizontal | 229            | 1.94          | -       | 42.88      | 14.02      | 63.18      |  |  |  |

5.85-5.895GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5865MHz\_TX

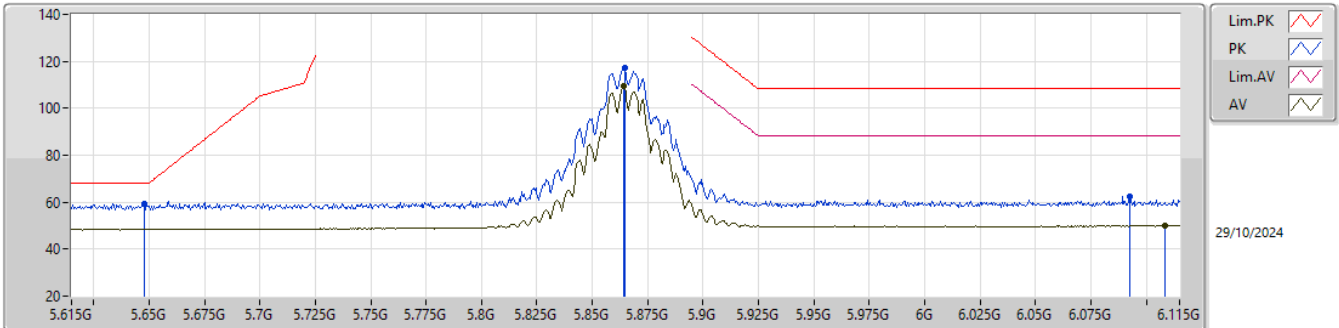


EUT\_Y\_2TX  
Setting 29  
03-V-V-1-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |  |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|--|--|--|
| PK   | 5.647G       | 60.63             | 68.20             | -7.57          | 53.96         | 3           | Vertical  | 169            | 1.54          | -       | 34.21      | 7.69       | 35.23      |  |  |  |
| PK   | 5.8655G      | 122.32            | Inf               | -Inf           | 115.13        | 3           | Vertical  | 169            | 1.54          | -       | 34.36      | 8.03       | 35.20      |  |  |  |
| RMS  | 5.8655G      | 114.53            | Inf               | -Inf           | 107.34        | 3           | Vertical  | 169            | 1.54          | -       | 34.36      | 8.03       | 35.20      |  |  |  |
| PK   | 5.926G       | 61.34             | 108.20            | -46.86         | 53.90         | 3           | Vertical  | 169            | 1.54          | -       | 34.55      | 8.09       | 35.20      |  |  |  |
| RMS  | 5.9255G      | 50.73             | 88.20             | -37.47         | 43.29         | 3           | Vertical  | 169            | 1.54          | -       | 34.55      | 8.09       | 35.20      |  |  |  |

## 5.85-5.895GHz\_802.11a\_Nss1,(6Mbps)\_2TX

### 5865MHz\_TX

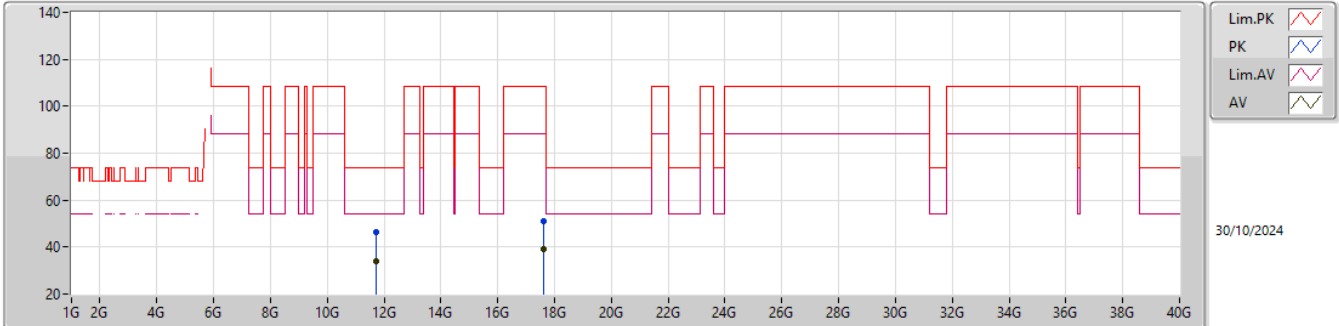


EUT\_Y\_2TX  
Setting 29  
03-V-V-1-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |  |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|--|--|--|
| PK   | 5.648G       | 59.54             | 68.20             | -8.66          | 52.88         | 3           | Horizontal | 200            | 2.20          | -       | 34.20      | 7.69       | 35.23      |  |  |  |
| PK   | 5.8645G      | 117.13            | Inf               | -Inf           | 109.94        | 3           | Horizontal | 200            | 2.20          | -       | 34.36      | 8.03       | 35.20      |  |  |  |
| RMS  | 5.864G       | 109.47            | Inf               | -Inf           | 102.28        | 3           | Horizontal | 200            | 2.20          | -       | 34.36      | 8.03       | 35.20      |  |  |  |
| PK   | 6.0925G      | 62.42             | 108.20            | -45.78         | 54.45         | 3           | Horizontal | 200            | 2.20          | -       | 34.86      | 8.31       | 35.20      |  |  |  |
| RMS  | 6.1085G      | 50.12             | 88.20             | -38.08         | 42.09         | 3           | Horizontal | 200            | 2.20          | -       | 34.90      | 8.33       | 35.20      |  |  |  |

## 5.85-5.895GHz\_802.11a\_Nss1,(6Mbps)\_2TX

### 5865MHz\_TX

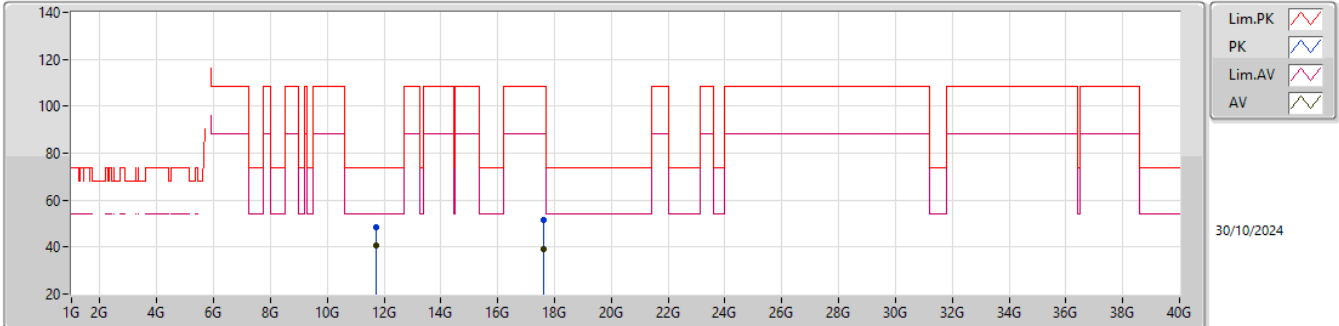


EUT\_Y\_2TX  
Setting 29  
03-V-V-1

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |  |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|--|--|--|
| PK   | 11.73879G    | 46.26             | 74.00             | -27.74         | 60.97         | 3           | Vertical  | 306            | 1.75          | -       | 39.48      | 11.72      | 65.91      |  |  |  |
| AV   | 11.73G       | 34.07             | 54.00             | -19.93         | 48.81         | 3           | Vertical  | 306            | 1.75          | -       | 39.46      | 11.72      | 65.92      |  |  |  |
| PK   | 17.59822G    | 51.12             | 108.20            | -57.08         | 56.66         | 3           | Vertical  | 127            | 2.31          | -       | 43.48      | 14.05      | 63.07      |  |  |  |
| RMS  | 17.5972G     | 39.25             | 88.20             | -48.95         | 44.80         | 3           | Vertical  | 127            | 2.31          | -       | 43.47      | 14.05      | 63.07      |  |  |  |

## 5.85-5.895GHz\_802.11a\_Nss1,(6Mbps)\_2TX

### 5865MHz\_TX

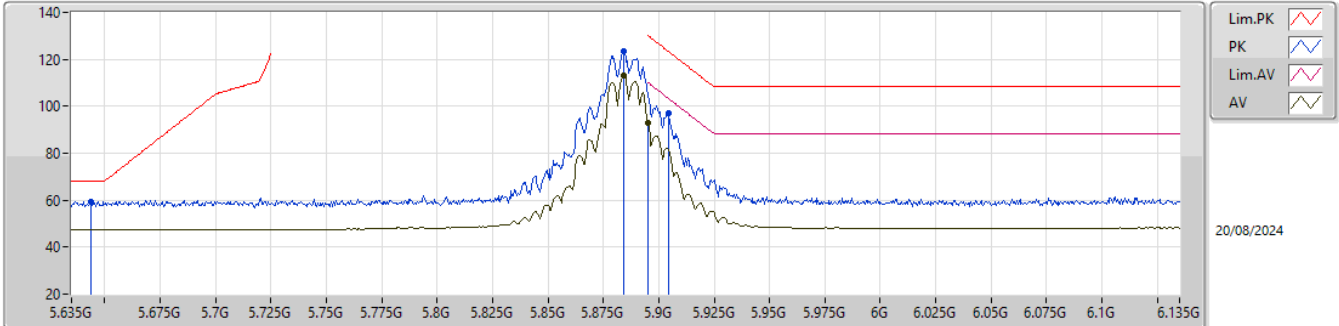


EUT\_Y\_2TX  
Setting 29  
03-V-V-1

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |  |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|--|--|--|
| PK   | 11.73027G    | 48.53             | 74.00             | -25.47         | 63.27         | 3           | Horizontal | 16             | 1.94          | -       | 39.46      | 11.72      | 65.92      |  |  |  |
| AV   | 11.73G       | 40.79             | 54.00             | -13.21         | 55.53         | 3           | Horizontal | 16             | 1.94          | -       | 39.46      | 11.72      | 65.92      |  |  |  |
| PK   | 17.59765G    | 51.61             | 108.20            | -56.59         | 57.15         | 3           | Horizontal | 74             | 1.72          | -       | 43.48      | 14.05      | 63.07      |  |  |  |
| RMS  | 17.59728G    | 39.24             | 88.20             | -48.96         | 44.79         | 3           | Horizontal | 74             | 1.72          | -       | 43.47      | 14.05      | 63.07      |  |  |  |

## 5.85-5.895GHz\_802.11a\_Nss1,(6Mbps)\_2TX

### 5885MHz\_TX

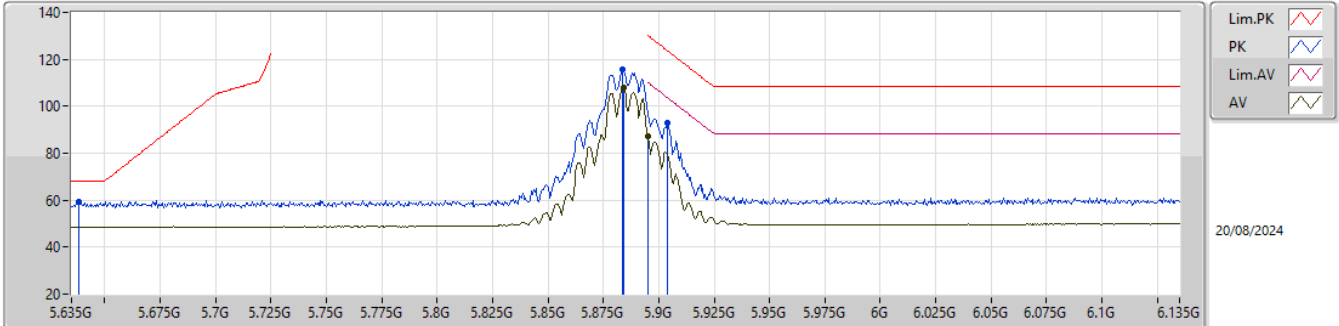


EUT\_Y\_2TX  
Setting 25  
03-V-V-1-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |  |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|--|--|--|
| PK   | 5.644G       | 59.38             | 68.20             | -8.82          | 52.94         | 3           | Vertical  | 0              | 1.24          | -       | 34.21      | 7.46       | 35.23      |  |  |  |
| PK   | 5.884G       | 123.40            | Inf               | -Inf           | 116.56        | 3           | Vertical  | 0              | 1.24          | -       | 34.44      | 7.60       | 35.20      |  |  |  |
| RMS  | 5.884G       | 113.12            | Inf               | -Inf           | 106.28        | 3           | Vertical  | 0              | 1.24          | -       | 34.44      | 7.60       | 35.20      |  |  |  |
| PK   | 5.9045G      | 97.27             | 123.23            | -25.96         | 90.35         | 3           | Vertical  | 0              | 1.24          | -       | 34.51      | 7.61       | 35.20      |  |  |  |
| RMS  | 5.895G       | 93.08             | 110.20            | -17.12         | 86.19         | 3           | Vertical  | 0              | 1.24          | -       | 34.48      | 7.61       | 35.20      |  |  |  |

5.85-5.895GHz\_802.11a\_Nss1,(6Mbps)\_2TX

5885MHz\_TX

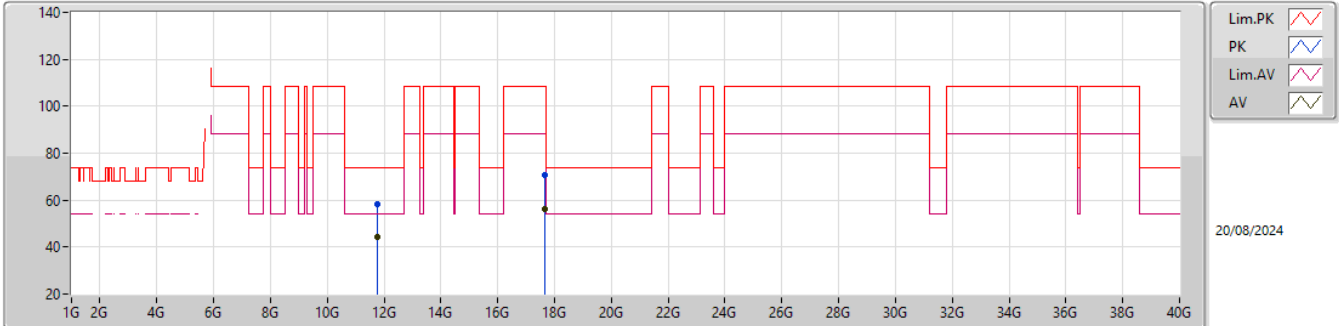


EUT\_Y\_2TX  
Setting 25  
03-V-V-1-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |  |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|--|--|--|
| PK   | 5.6385G      | 59.15             | 68.20             | -9.05          | 52.48         | 3           | Horizontal | 162            | 2.26          | -       | 34.22      | 7.68       | 35.23      |  |  |  |
| PK   | 5.8835G      | 115.65            | Inf               | -Inf           | 108.37        | 3           | Horizontal | 162            | 2.26          | -       | 34.43      | 8.05       | 35.20      |  |  |  |
| RMS  | 5.884G       | 108.05            | Inf               | -Inf           | 100.76        | 3           | Horizontal | 162            | 2.26          | -       | 34.44      | 8.05       | 35.20      |  |  |  |
| PK   | 5.904G       | 93.08             | 123.60            | -30.52         | 85.70         | 3           | Horizontal | 162            | 2.26          | -       | 34.51      | 8.07       | 35.20      |  |  |  |
| RMS  | 5.895G       | 87.35             | 110.20            | -22.85         | 80.01         | 3           | Horizontal | 162            | 2.26          | -       | 34.48      | 8.06       | 35.20      |  |  |  |

## 5.85-5.895GHz\_802.11a\_Nss1,(6Mbps)\_2TX

### 5885MHz\_TX

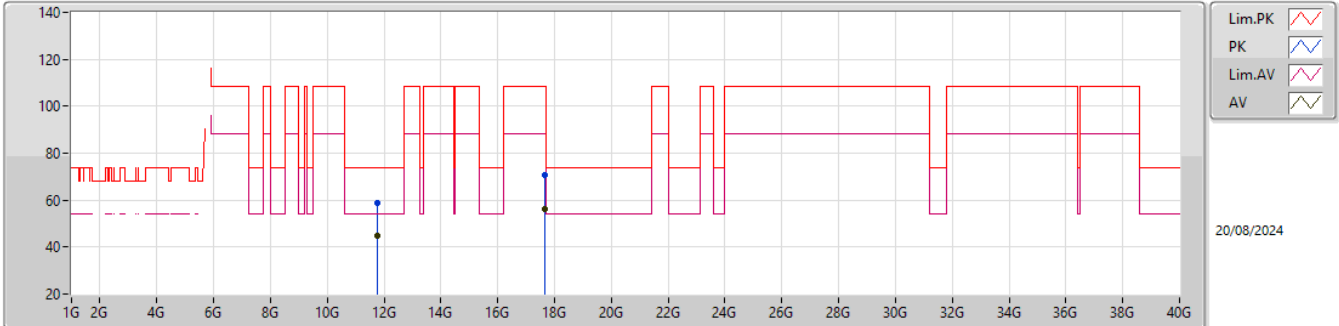


EUT\_Y\_2TX  
Setting 25  
03-V-V-1

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |  |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|--|--|--|
| PK   | 11.77084G    | 58.22             | 74.00             | -15.78         | 41.97         | 3           | Vertical  | 360            | 1.80          | -       | 39.46      | 11.39      | 34.60      |  |  |  |
| AV   | 11.77432G    | 44.14             | 54.00             | -9.86          | 27.90         | 3           | Vertical  | 360            | 1.80          | -       | 39.45      | 11.39      | 34.60      |  |  |  |
| PK   | 17.65026G    | 70.83             | 108.20            | -37.37         | 46.99         | 3           | Vertical  | 232            | 1.85          | -       | 43.80      | 13.76      | 33.72      |  |  |  |
| RMS  | 17.66535G    | 56.33             | 88.20             | -31.87         | 32.38         | 3           | Vertical  | 232            | 1.85          | -       | 43.89      | 13.77      | 33.71      |  |  |  |

## 5.85-5.895GHz\_802.11a\_Nss1,(6Mbps)\_2TX

### 5885MHz\_TX

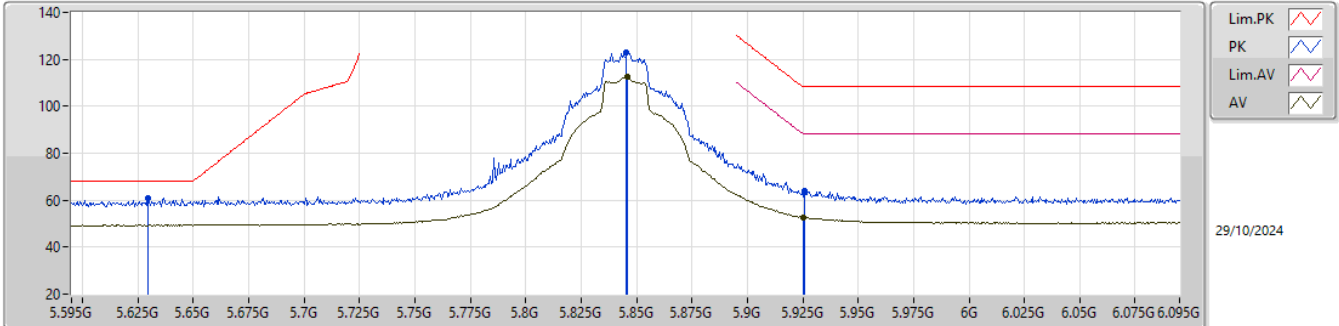


EUT\_Y\_2TX  
Setting 25  
03-V-V-1

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |  |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|--|--|--|
| PK   | 11.77909G    | 58.67             | 74.00             | -15.33         | 42.44         | 3           | Horizontal | 53             | 1.80          | -       | 39.44      | 11.40      | 34.61      |  |  |  |
| AV   | 11.76988G    | 44.85             | 54.00             | -9.15          | 28.60         | 3           | Horizontal | 53             | 1.80          | -       | 39.46      | 11.39      | 34.60      |  |  |  |
| PK   | 17.66724G    | 70.78             | 108.20            | -37.42         | 46.82         | 3           | Horizontal | 243            | 1.25          | -       | 43.90      | 13.77      | 33.71      |  |  |  |
| RMS  | 17.66868G    | 56.32             | 88.20             | -31.88         | 32.35         | 3           | Horizontal | 243            | 1.25          | -       | 43.91      | 13.77      | 33.71      |  |  |  |

5.85-5.895GHz\_802.11be EHT20-BF\_Nss1,(MCS0)\_2TX

5845MHz\_TX

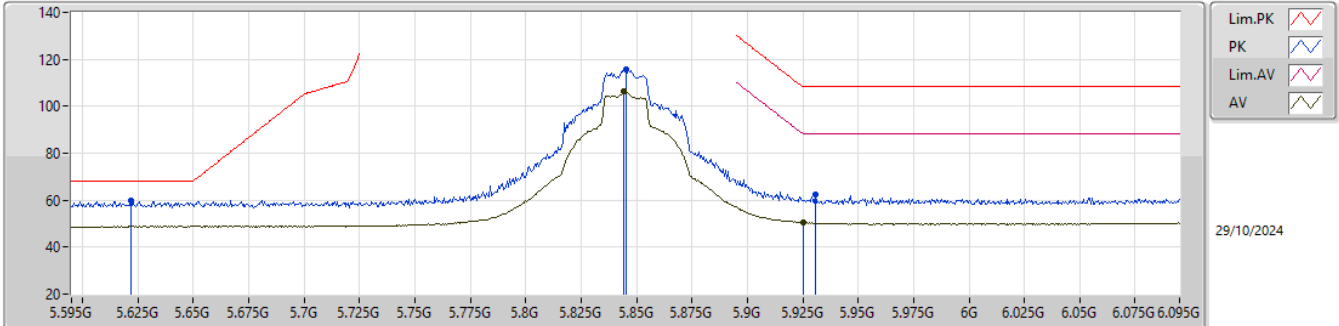


EUT\_Y\_2TX  
Setting 30  
03-V-V-1-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |  |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|--|--|--|
| PK   | 5.6295G      | 60.92             | 68.20             | -7.28          | 54.25         | 3           | Vertical  | 21             | 1.80          | -       | 34.24      | 7.66       | 35.23      |  |  |  |
| PK   | 5.8455G      | 122.79            | Inf               | -Inf           | 115.70        | 3           | Vertical  | 21             | 1.80          | -       | 34.29      | 8.01       | 35.21      |  |  |  |
| RMS  | 5.846G       | 112.36            | Inf               | -Inf           | 105.27        | 3           | Vertical  | 21             | 1.80          | -       | 34.29      | 8.01       | 35.21      |  |  |  |
| PK   | 5.926G       | 63.80             | 108.20            | -44.40         | 56.36         | 3           | Vertical  | 21             | 1.80          | -       | 34.55      | 8.09       | 35.20      |  |  |  |
| RMS  | 5.9255G      | 52.62             | 88.20             | -35.58         | 45.18         | 3           | Vertical  | 21             | 1.80          | -       | 34.55      | 8.09       | 35.20      |  |  |  |

## 5.85-5.895GHz\_802.11be EHT20-BF\_Nss1,(MCS0)\_2TX

### 5845MHz\_TX

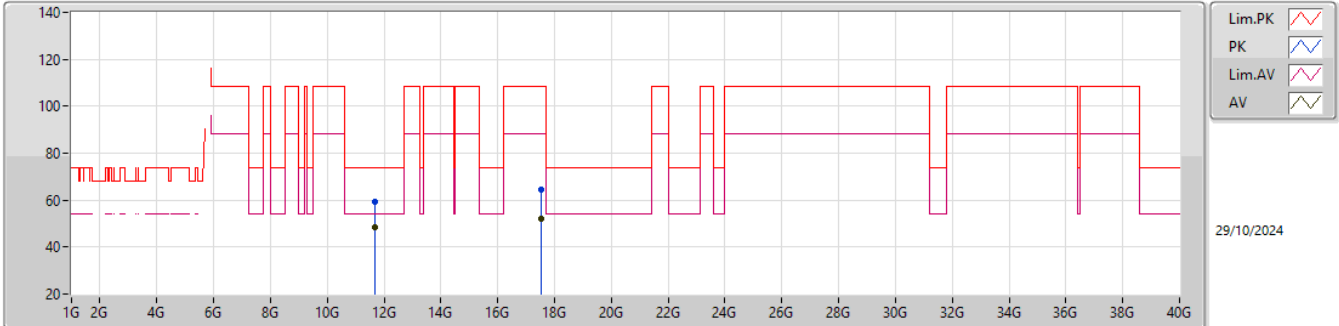


EUT\_Y\_2TX  
Setting 30  
03-V-V-1-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |  |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|--|--|--|
| PK   | 5.622G       | 59.57             | 68.20             | -8.63          | 52.89         | 3           | Horizontal | 198            | 2.16          | -       | 34.26      | 7.65       | 35.23      |  |  |  |
| PK   | 5.845G       | 115.71            | Inf               | -Inf           | 108.62        | 3           | Horizontal | 198            | 2.16          | -       | 34.29      | 8.01       | 35.21      |  |  |  |
| RMS  | 5.844G       | 106.14            | Inf               | -Inf           | 99.05         | 3           | Horizontal | 198            | 2.16          | -       | 34.29      | 8.01       | 35.21      |  |  |  |
| PK   | 5.9305G      | 62.43             | 108.20            | -45.77         | 54.97         | 3           | Horizontal | 198            | 2.16          | -       | 34.56      | 8.10       | 35.20      |  |  |  |
| RMS  | 5.9255G      | 50.48             | 88.20             | -37.72         | 43.04         | 3           | Horizontal | 198            | 2.16          | -       | 34.55      | 8.09       | 35.20      |  |  |  |

## 5.85-5.895GHz\_802.11be EHT20-BF\_Nss1,(MCS0)\_2TX

### 5845MHz\_TX

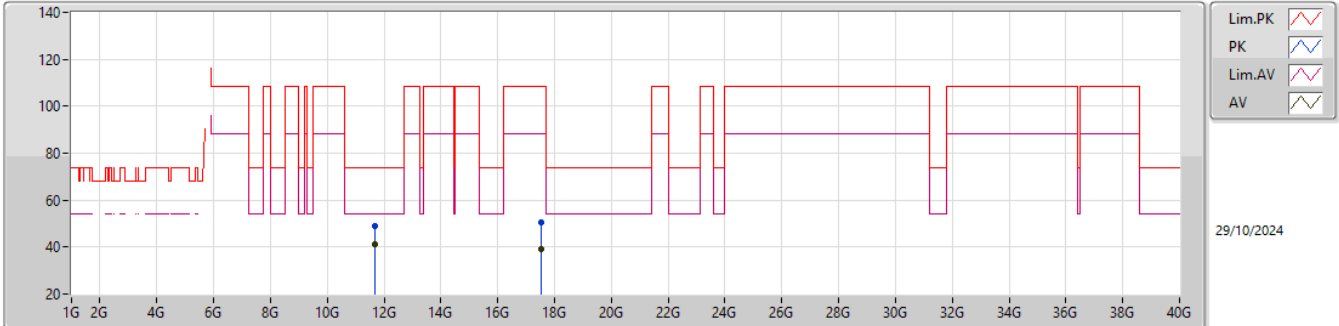


EUT\_Y\_2TX  
Setting 30  
03-V-V-1

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |  |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|--|--|--|
| PK   | 11.68997G    | 59.32             | 74.00             | -14.68         | 74.20         | 3           | Vertical  | 313            | 1.56          | -       | 39.36      | 11.70      | 65.94      |  |  |  |
| AV   | 11.69009G    | 48.27             | 54.00             | -5.73          | 63.15         | 3           | Vertical  | 313            | 1.56          | -       | 39.36      | 11.70      | 65.94      |  |  |  |
| PK   | 17.53922G    | 64.25             | 108.20            | -43.95         | 70.52         | 3           | Vertical  | 347            | 1.47          | -       | 42.89      | 14.02      | 63.18      |  |  |  |
| RMS  | 17.53583G    | 52.19             | 88.20             | -36.01         | 58.50         | 3           | Vertical  | 347            | 1.47          | -       | 42.86      | 14.02      | 63.19      |  |  |  |

## 5.85-5.895GHz\_802.11be EHT20-BF\_Nss1,(MCS0)\_2TX

### 5845MHz\_TX

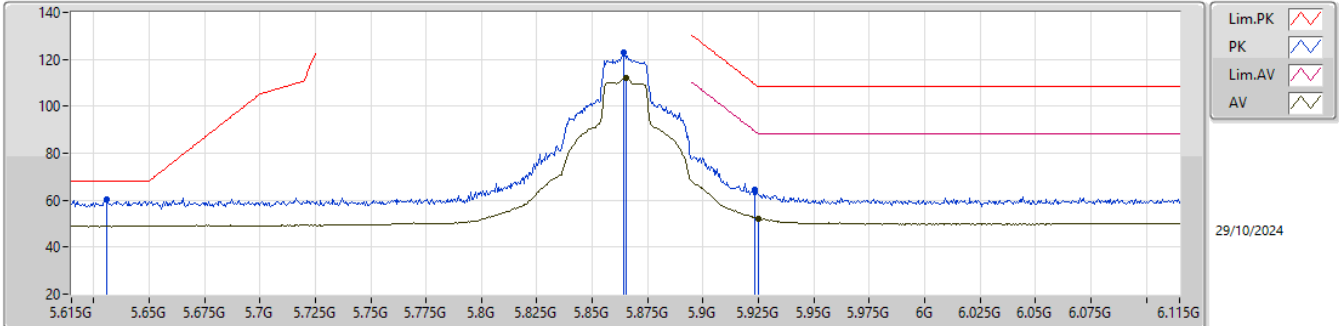


EUT\_Y\_2TX  
Setting 30  
03-V-V-1

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |  |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|--|--|--|
| PK   | 11.69045G    | 49.04             | 74.00             | -24.96         | 63.92         | 3           | Horizontal | 17             | 1.96          | -       | 39.36      | 11.70      | 65.94      |  |  |  |
| AV   | 11.69003G    | 41.31             | 54.00             | -12.69         | 56.19         | 3           | Horizontal | 17             | 1.96          | -       | 39.36      | 11.70      | 65.94      |  |  |  |
| PK   | 17.53575G    | 50.64             | 108.20            | -57.56         | 56.95         | 3           | Horizontal | 87             | 1.18          | -       | 42.86      | 14.02      | 63.19      |  |  |  |
| RMS  | 17.53875G    | 39.14             | 88.20             | -49.06         | 45.41         | 3           | Horizontal | 87             | 1.18          | -       | 42.89      | 14.02      | 63.18      |  |  |  |

5.85-5.895GHz\_802.11be EHT20-BF\_Nss1,(MCS0)\_2TX

5865MHz\_TX

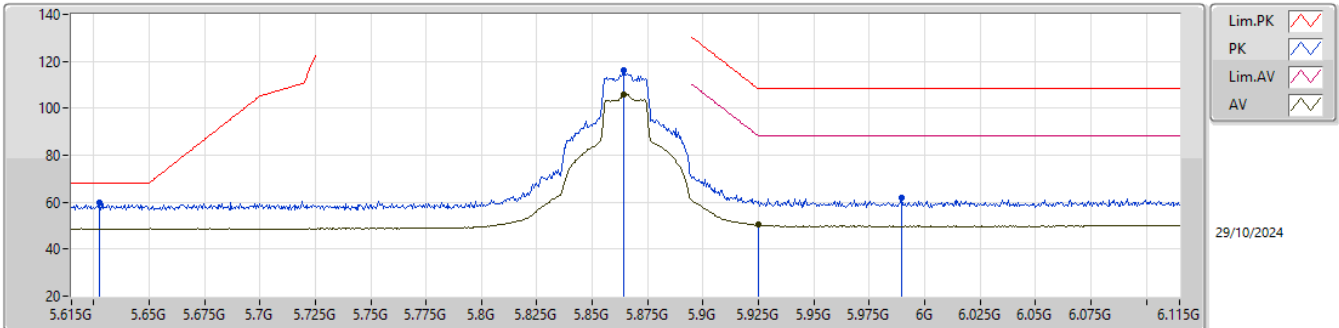


EUT\_Y\_2TX  
Setting 30  
03-V-V-1-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |  |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|--|--|--|
| PK   | 5.631G       | 60.20             | 68.20             | -8.00          | 53.53         | 3           | Vertical  | 0              | 1.42          | -       | 34.24      | 7.66       | 35.23      |  |  |  |
| PK   | 5.864G       | 122.99            | Inf               | -Inf           | 115.80        | 3           | Vertical  | 0              | 1.42          | -       | 34.36      | 8.03       | 35.20      |  |  |  |
| RMS  | 5.8655G      | 112.14            | Inf               | -Inf           | 104.95        | 3           | Vertical  | 0              | 1.42          | -       | 34.36      | 8.03       | 35.20      |  |  |  |
| PK   | 5.9235G      | 64.42             | 109.30            | -44.88         | 56.98         | 3           | Vertical  | 0              | 1.42          | -       | 34.55      | 8.09       | 35.20      |  |  |  |
| RMS  | 5.925G       | 52.20             | 88.20             | -36.00         | 44.76         | 3           | Vertical  | 0              | 1.42          | -       | 34.55      | 8.09       | 35.20      |  |  |  |

## 5.85-5.895GHz\_802.11be EHT20-BF\_Nss1,(MCS0)\_2TX

### 5865MHz\_TX

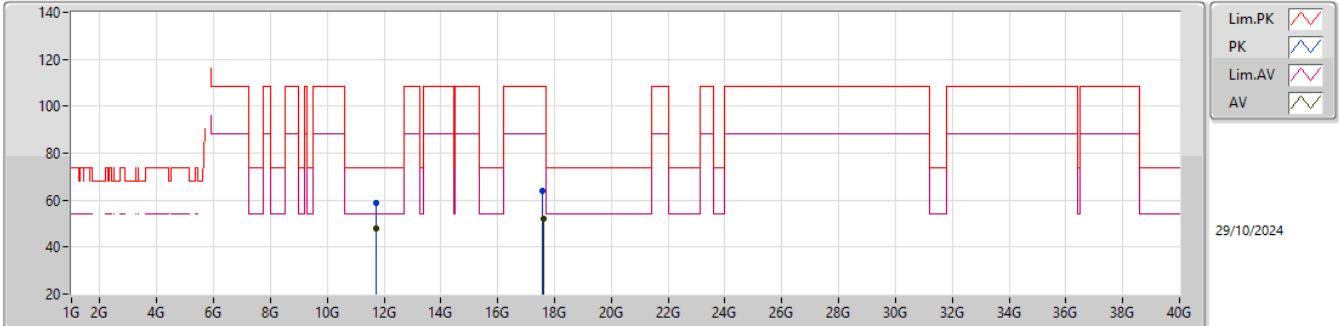


EUT\_Y\_2TX  
Setting 30  
03-V-V-1-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |  |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|--|--|--|
| PK   | 5.6275G      | 59.62             | 68.20             | -8.58          | 52.95         | 3           | Horizontal | 203            | 2.20          | -       | 34.24      | 7.66       | 35.23      |  |  |  |
| PK   | 5.864G       | 116.37            | Inf               | -Inf           | 109.18        | 3           | Horizontal | 203            | 2.20          | -       | 34.36      | 8.03       | 35.20      |  |  |  |
| RMS  | 5.864G       | 105.95            | Inf               | -Inf           | 98.76         | 3           | Horizontal | 203            | 2.20          | -       | 34.36      | 8.03       | 35.20      |  |  |  |
| RMS  | 5.925G       | 50.40             | 88.20             | -37.80         | 42.96         | 3           | Horizontal | 203            | 2.20          | -       | 34.55      | 8.09       | 35.20      |  |  |  |
| PK   | 5.9895G      | 61.84             | 108.20            | -46.36         | 54.27         | 3           | Horizontal | 203            | 2.20          | -       | 34.60      | 8.16       | 35.19      |  |  |  |

## 5.85-5.895GHz\_802.11be EHT20-BF\_Nss1,(MCS0)\_2TX

### 5865MHz\_TX

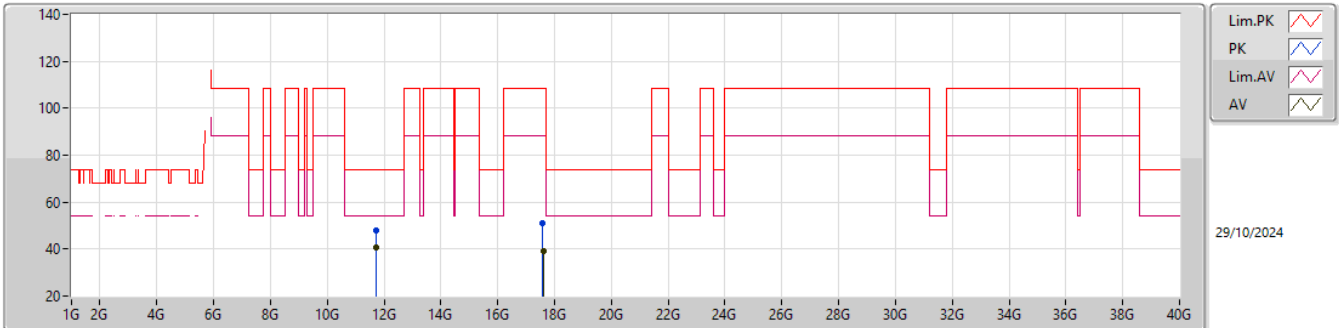


EUT\_Y\_2TX  
Setting 30  
03-V-V-1

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |  |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|--|--|--|
| PK   | 11.71767G    | 59.03             | 74.00             | -14.97         | 73.80         | 3           | Vertical  | 308            | 1.59          | -       | 39.44      | 11.72      | 65.93      |  |  |  |
| AV   | 11.73009G    | 47.86             | 54.00             | -6.14          | 62.60         | 3           | Vertical  | 308            | 1.59          | -       | 39.46      | 11.72      | 65.92      |  |  |  |
| PK   | 17.59057G    | 64.22             | 108.20            | -43.98         | 69.84         | 3           | Vertical  | 252            | 1.12          | -       | 43.41      | 14.05      | 63.08      |  |  |  |
| AV   | 17.59942G    | 52.24             | 88.20             | -35.96         | 57.77         | 3           | Vertical  | 252            | 1.12          | -       | 43.49      | 14.05      | 63.07      |  |  |  |

## 5.85-5.895GHz\_802.11be EHT20-BF\_Nss1,(MCS0)\_2TX

## 5865MHz\_TX

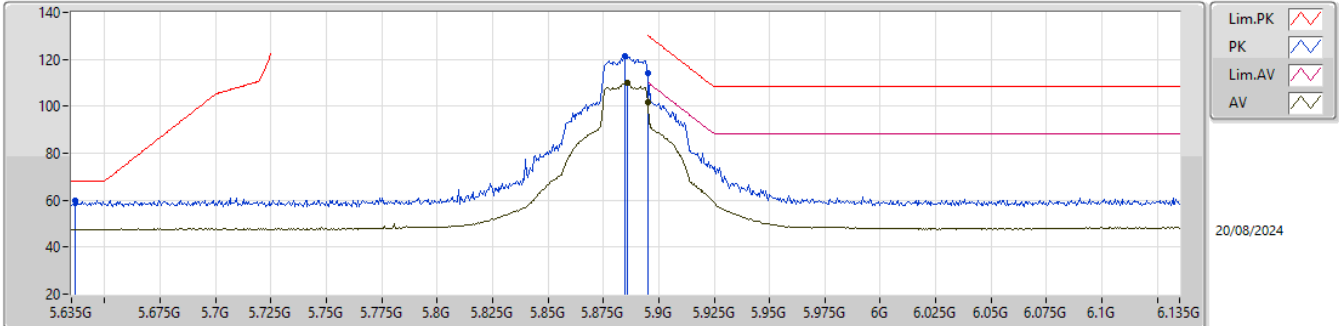


EUT\_Y\_2TX  
Setting 30  
03-V-V-1

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |  |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|--|--|--|
| PK   | 11.73009G    | 47.96             | 74.00             | -26.04         | 62.70         | 3           | Horizontal | 19             | 1.68          | -       | 39.46      | 11.72      | 65.92      |  |  |  |
| AV   | 11.73003G    | 40.88             | 54.00             | -13.12         | 55.62         | 3           | Horizontal | 19             | 1.68          | -       | 39.46      | 11.72      | 65.92      |  |  |  |
| PK   | 17.59278G    | 51.05             | 108.20            | -57.15         | 56.65         | 3           | Horizontal | 209            | 1.42          | -       | 43.43      | 14.05      | 63.08      |  |  |  |
| AV   | 17.59902G    | 39.12             | 88.20             | -49.08         | 44.65         | 3           | Horizontal | 209            | 1.42          | -       | 43.49      | 14.05      | 63.07      |  |  |  |

## 5.85-5.895GHz\_802.11be EHT20-BF\_Nss1,(MCS0)\_2TX

### 5885MHz\_TX

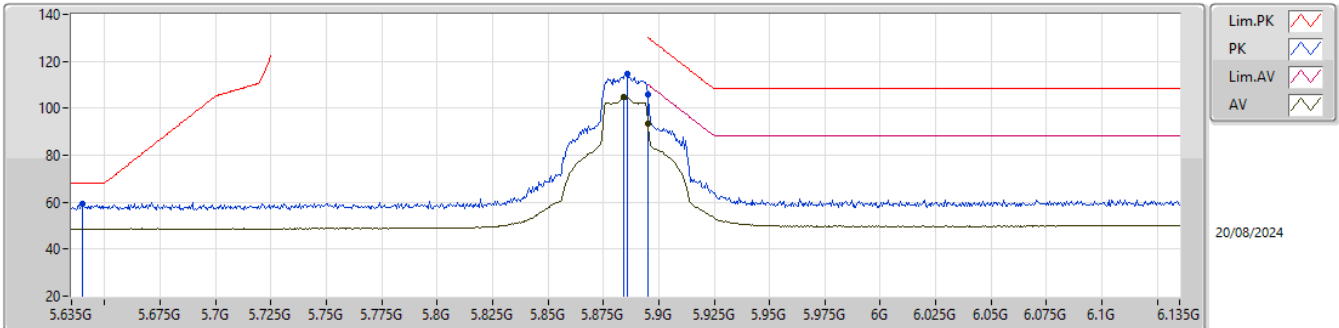


EUT\_Y\_2TX  
Setting 29  
03-V-V-1-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |  |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|--|--|--|
| PK   | 5.6365G      | 60.03             | 68.20             | -8.17          | 53.57         | 3           | Vertical  | 355            | 1.80          | -       | 34.23      | 7.46       | 35.23      |  |  |  |
| PK   | 5.8845G      | 121.17            | Inf               | -Inf           | 114.33        | 3           | Vertical  | 355            | 1.80          | -       | 34.44      | 7.60       | 35.20      |  |  |  |
| RMS  | 5.886G       | 110.05            | Inf               | -Inf           | 103.21        | 3           | Vertical  | 355            | 1.80          | -       | 34.44      | 7.60       | 35.20      |  |  |  |
| PK   | 5.895G       | 113.91            | 130.20            | -16.29         | 107.02        | 3           | Vertical  | 355            | 1.80          | -       | 34.48      | 7.61       | 35.20      |  |  |  |
| RMS  | 5.895G       | 101.87            | 110.20            | -8.33          | 94.98         | 3           | Vertical  | 355            | 1.80          | -       | 34.48      | 7.61       | 35.20      |  |  |  |

## 5.85-5.895GHz\_802.11be EHT20-BF\_Nss1,(MCS0)\_2TX

### 5885MHz\_TX

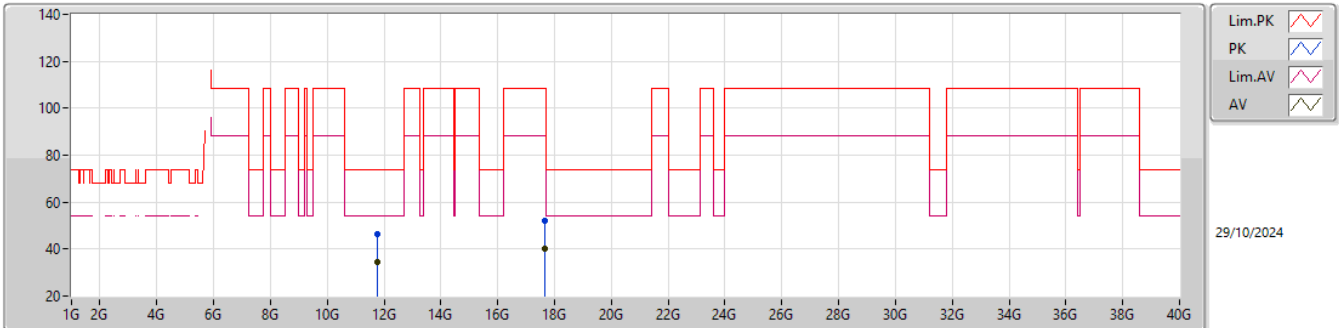


EUT\_Y\_2TX  
Setting 29  
03-V-V-1-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |  |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|--|--|--|
| PK   | 5.64G        | 59.12             | 68.20             | -9.08          | 52.45         | 3           | Horizontal | 166            | 2.08          | -       | 34.22      | 7.68       | 35.23      |  |  |  |
| PK   | 5.886G       | 114.71            | Inf               | -Inf           | 107.42        | 3           | Horizontal | 166            | 2.08          | -       | 34.44      | 8.05       | 35.20      |  |  |  |
| RMS  | 5.884G       | 104.72            | Inf               | -Inf           | 97.43         | 3           | Horizontal | 166            | 2.08          | -       | 34.44      | 8.05       | 35.20      |  |  |  |
| PK   | 5.895G       | 105.76            | 130.20            | -24.44         | 98.42         | 3           | Horizontal | 166            | 2.08          | -       | 34.48      | 8.06       | 35.20      |  |  |  |
| RMS  | 5.895G       | 93.51             | 110.20            | -16.69         | 86.17         | 3           | Horizontal | 166            | 2.08          | -       | 34.48      | 8.06       | 35.20      |  |  |  |

## 5.85-5.895GHz\_802.11be EHT20-BF\_Nss1,(MCS0)\_2TX

## 5885MHz\_TX

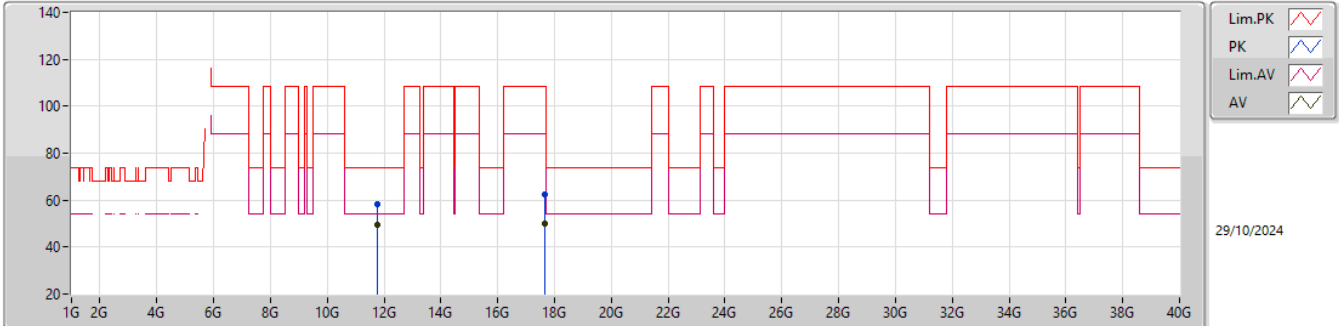


EUT\_Y\_2TX  
Setting 29  
03-V-V-1

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |  |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|--|--|--|
| PK   | 11.76646G    | 46.31             | 74.00             | -27.69         | 60.99         | 3           | Vertical  | 308            | 1.79          | -       | 39.47      | 11.74      | 65.89      |  |  |  |
| AV   | 11.77G       | 34.37             | 54.00             | -19.63         | 49.06         | 3           | Vertical  | 308            | 1.79          | -       | 39.46      | 11.74      | 65.89      |  |  |  |
| PK   | 17.65734G    | 51.96             | 108.20            | -56.24         | 56.99         | 3           | Vertical  | 240            | 1.27          | -       | 43.84      | 14.08      | 62.95      |  |  |  |
| RMS  | 17.65699G    | 40.00             | 88.20             | -48.20         | 45.03         | 3           | Vertical  | 240            | 1.27          | -       | 43.84      | 14.08      | 62.95      |  |  |  |

## 5.85-5.895GHz\_802.11be EHT20-BF\_Nss1,(MCS0)\_2TX

### 5885MHz\_TX

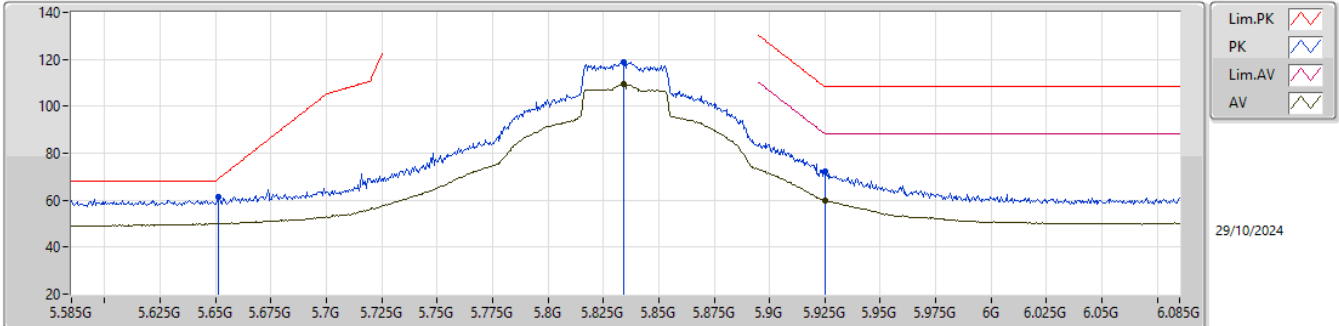


EUT\_Y\_2TX  
Setting 29  
03-V-V-1

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |  |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|--|--|--|
| PK   | 11.76982G    | 58.52             | 74.00             | -15.48         | 73.21         | 3           | Horizontal | 17             | 2.00          | -       | 39.46      | 11.74      | 65.89      |  |  |  |
| AV   | 11.77003G    | 49.47             | 54.00             | -4.53          | 64.16         | 3           | Horizontal | 17             | 2.00          | -       | 39.46      | 11.74      | 65.89      |  |  |  |
| PK   | 17.6586G     | 62.19             | 108.20            | -46.01         | 67.21         | 3           | Horizontal | 353            | 2.20          | -       | 43.85      | 14.08      | 62.95      |  |  |  |
| RMS  | 17.65683G    | 49.99             | 88.20             | -38.21         | 55.02         | 3           | Horizontal | 353            | 2.20          | -       | 43.84      | 14.08      | 62.95      |  |  |  |

## 5.85-5.895GHz\_802.11be EHT40-BF\_Nss1,(MCS0)\_2TX

### 5835MHz\_TX

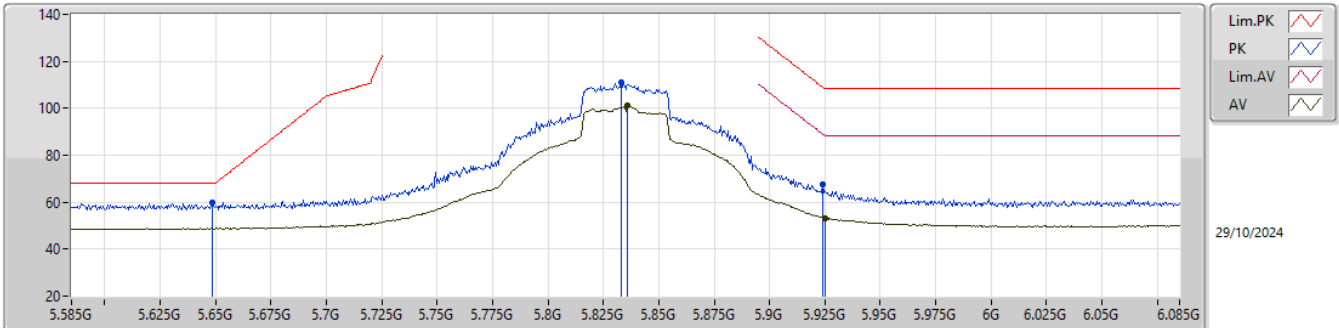


EUT\_Y\_2TX  
Setting 30  
03-V-V-1-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |  |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|--|--|--|
| PK   | 5.851G       | 61.33             | 68.94             | -7.61          | 54.65         | 3           | Vertical  | 360            | 1.42          | -       | 34.20      | 7.70       | 35.22      |  |  |  |
| PK   | 5.834G       | 118.64            | Inf               | -Inf           | 111.58        | 3           | Vertical  | 360            | 1.42          | -       | 34.27      | 8.00       | 35.21      |  |  |  |
| RMS  | 5.834G       | 109.55            | Inf               | -Inf           | 102.49        | 3           | Vertical  | 360            | 1.42          | -       | 34.27      | 8.00       | 35.21      |  |  |  |
| PK   | 5.925G       | 72.49             | 108.20            | -35.71         | 65.05         | 3           | Vertical  | 360            | 1.42          | -       | 34.55      | 8.09       | 35.20      |  |  |  |
| RMS  | 5.925G       | 59.92             | 88.20             | -28.28         | 52.48         | 3           | Vertical  | 360            | 1.42          | -       | 34.55      | 8.09       | 35.20      |  |  |  |

## 5.85-5.895GHz\_802.11be EHT40-BF\_Nss1,(MCS0)\_2TX

### 5835MHz\_TX

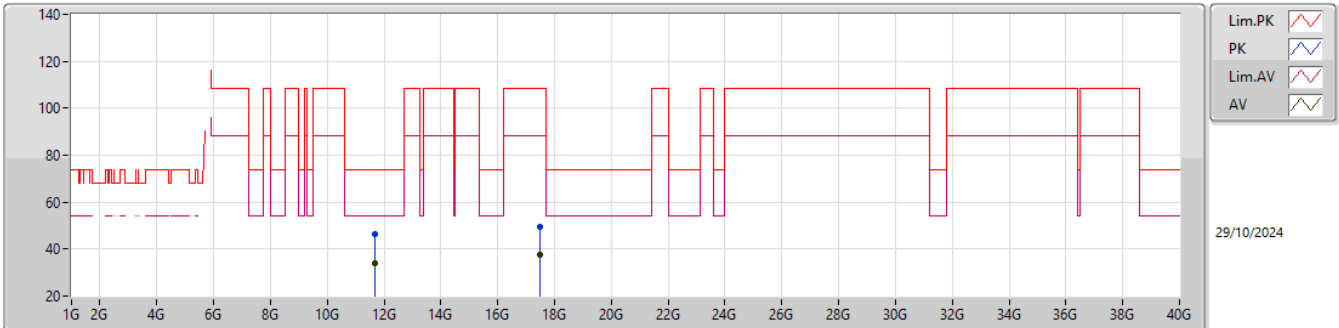


EUT\_Y\_2TX  
Setting 30  
03-V-V-1-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |  |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|--|--|--|
| PK   | 5.6485G      | 59.95             | 68.20             | -8.25          | 53.29         | 3           | Horizontal | 121            | 2.26          | -       | 34.20      | 7.69       | 35.23      |  |  |  |
| PK   | 5.833G       | 110.98            | Inf               | -Inf           | 103.93        | 3           | Horizontal | 121            | 2.26          | -       | 34.27      | 7.99       | 35.21      |  |  |  |
| RMS  | 5.836G       | 101.05            | Inf               | -Inf           | 93.99         | 3           | Horizontal | 121            | 2.26          | -       | 34.27      | 8.00       | 35.21      |  |  |  |
| PK   | 5.924G       | 67.76             | 108.93            | -41.17         | 60.32         | 3           | Horizontal | 121            | 2.26          | -       | 34.55      | 8.09       | 35.20      |  |  |  |
| RMS  | 5.925G       | 53.34             | 88.20             | -34.86         | 45.90         | 3           | Horizontal | 121            | 2.26          | -       | 34.55      | 8.09       | 35.20      |  |  |  |

## 5.85-5.895GHz\_802.11be EHT40-BF\_Nss1,(MCS0)\_2TX

## 5835MHz\_TX

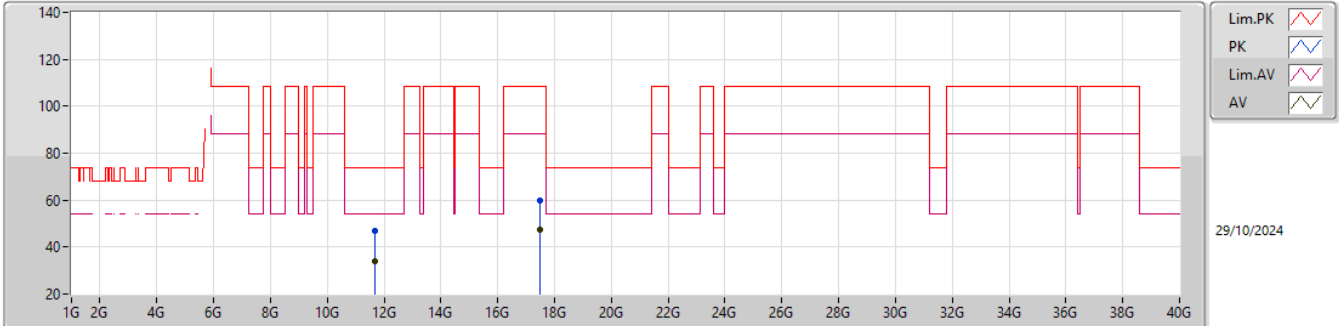


EUT\_Y\_2TX  
Setting 30  
03-V-V-1

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |  |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|--|--|--|
| PK   | 11.67579G    | 46.36             | 74.00             | -27.64         | 61.31         | 3           | Vertical  | 213            | 1.80          | -       | 39.30      | 11.70      | 65.95      |  |  |  |
| AV   | 11.65968G    | 33.99             | 54.00             | -20.01         | 49.02         | 3           | Vertical  | 213            | 1.80          | -       | 39.24      | 11.69      | 65.96      |  |  |  |
| PK   | 17.50558G    | 49.68             | 108.20            | -58.52         | 56.36         | 3           | Vertical  | 269            | 1.16          | -       | 42.56      | 14.01      | 63.25      |  |  |  |
| RMS  | 17.508G      | 37.35             | 88.20             | -50.85         | 44.00         | 3           | Vertical  | 269            | 1.16          | -       | 42.58      | 14.01      | 63.24      |  |  |  |

## 5.85-5.895GHz\_802.11be EHT40-BF\_Nss1,(MCS0)\_2TX

### 5835MHz\_TX

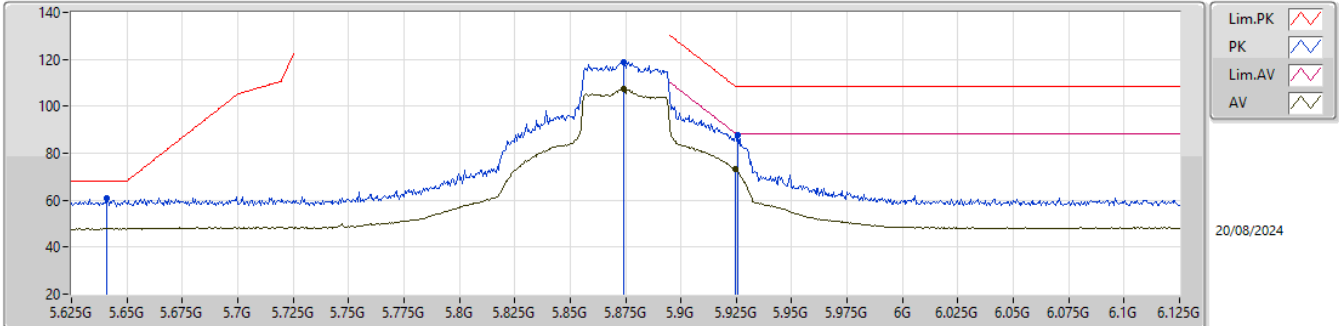


EUT\_Y\_2TX  
Setting 30  
03-V-V-1

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |  |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|--|--|--|
| PK   | 11.66754G    | 46.99             | 74.00             | -27.01         | 61.98         | 3           | Horizontal | 338            | 1.80          | -       | 39.27      | 11.70      | 65.96      |  |  |  |
| AV   | 11.6616G     | 34.03             | 54.00             | -19.97         | 49.05         | 3           | Horizontal | 338            | 1.80          | -       | 39.25      | 11.69      | 65.96      |  |  |  |
| PK   | 17.50267G    | 59.61             | 108.20            | -48.59         | 66.32         | 3           | Horizontal | 227            | 1.64          | -       | 42.53      | 14.01      | 63.25      |  |  |  |
| RMS  | 17.50709G    | 47.37             | 88.20             | -40.83         | 54.04         | 3           | Horizontal | 227            | 1.64          | -       | 42.57      | 14.01      | 63.25      |  |  |  |

## 5.85-5.895GHz\_802.11be EHT40-BF\_Nss1,(MCS0)\_2TX

### 5875MHz\_TX

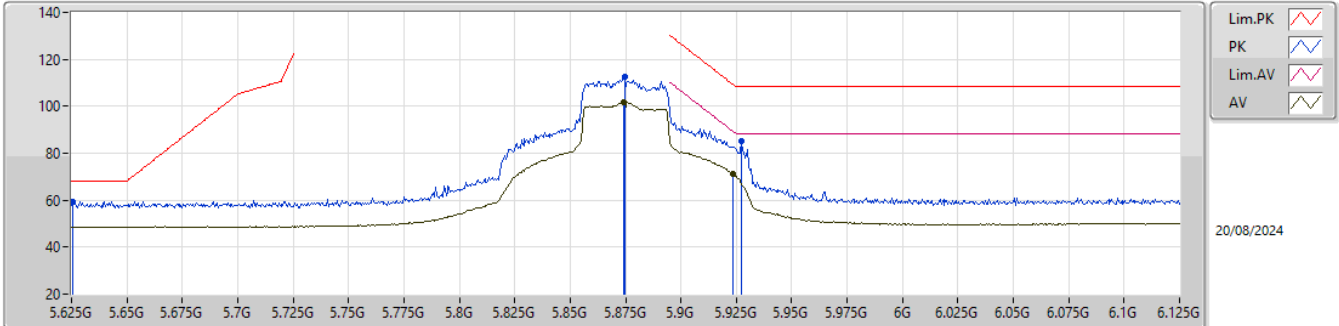


EUT\_Y\_2TX  
Setting 28  
03-V-V-1-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |  |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|--|--|--|
| PK   | 5.641G       | 60.79             | 68.20             | -7.41          | 54.34         | 3           | Vertical  | 360            | 2.49          | -       | 34.22      | 7.46       | 35.23      |  |  |  |
| PK   | 5.874G       | 118.88            | Inf               | -Inf           | 112.09        | 3           | Vertical  | 360            | 2.49          | -       | 34.40      | 7.59       | 35.20      |  |  |  |
| RMS  | 5.874G       | 107.53            | Inf               | -Inf           | 100.74        | 3           | Vertical  | 360            | 2.49          | -       | 34.40      | 7.59       | 35.20      |  |  |  |
| PK   | 5.9255G      | 88.00             | 108.20            | -20.20         | 81.02         | 3           | Vertical  | 360            | 2.49          | -       | 34.55      | 7.63       | 35.20      |  |  |  |
| RMS  | 5.9245G      | 73.23             | 88.57             | -15.34         | 66.25         | 3           | Vertical  | 360            | 2.49          | -       | 34.55      | 7.63       | 35.20      |  |  |  |

## 5.85-5.895GHz\_802.11be EHT40-BF\_Nss1,(MCS0)\_2TX

### 5875MHz\_TX

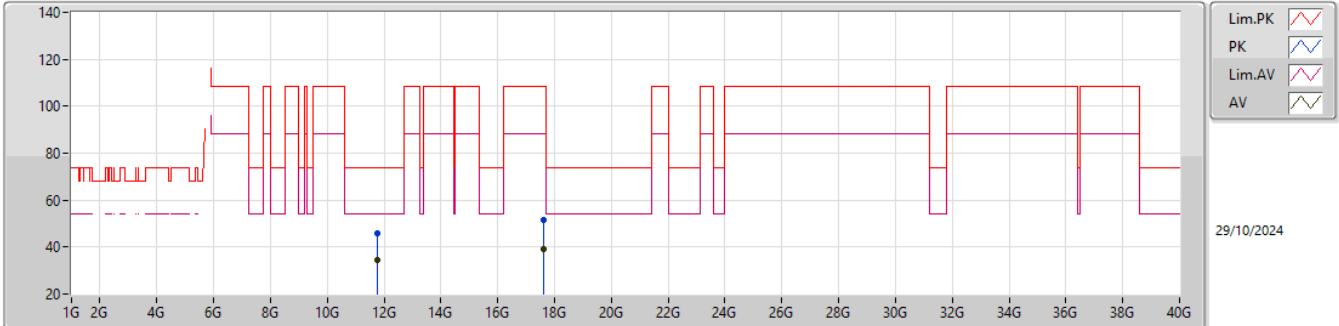


EUT\_Y\_2TX  
Setting 28  
03-V-V-1-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |  |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|--|--|--|
| PK   | 5.6255G      | 59.21             | 68.20             | -8.99          | 52.54         | 3           | Horizontal | 200            | 1.80          | -       | 34.25      | 7.65       | 35.23      |  |  |  |
| PK   | 5.8745G      | 112.42            | Inf               | -Inf           | 105.18        | 3           | Horizontal | 200            | 1.80          | -       | 34.40      | 8.04       | 35.20      |  |  |  |
| RMS  | 5.874G       | 101.70            | Inf               | -Inf           | 94.46         | 3           | Horizontal | 200            | 1.80          | -       | 34.40      | 8.04       | 35.20      |  |  |  |
| PK   | 5.9275G      | 85.27             | 108.20            | -22.93         | 77.83         | 3           | Horizontal | 200            | 1.80          | -       | 34.55      | 8.09       | 35.20      |  |  |  |
| RMS  | 5.9235G      | 71.33             | 89.30             | -17.97         | 63.89         | 3           | Horizontal | 200            | 1.80          | -       | 34.55      | 8.09       | 35.20      |  |  |  |

## 5.85-5.895GHz\_802.11be EHT40-BF\_Nss1,(MCS0)\_2TX

### 5875MHz\_TX

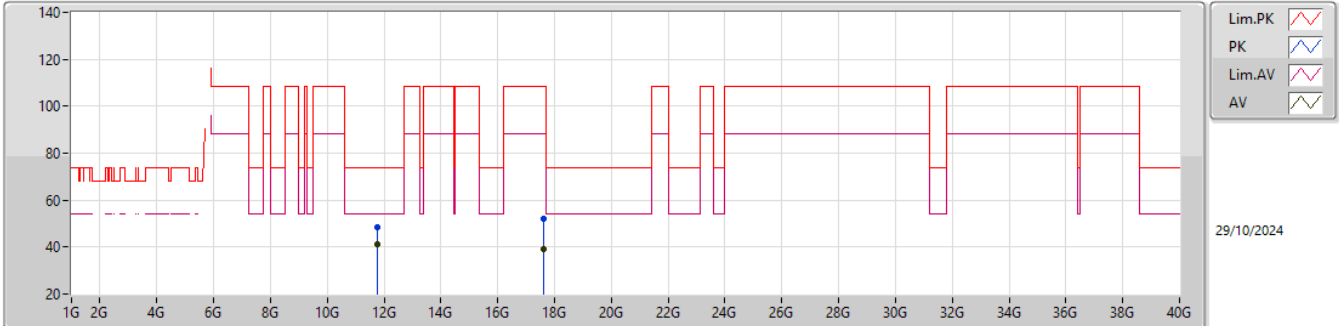


EUT\_Y\_2TX  
Setting 28  
03-V-V-1

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |  |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|--|--|--|
| PK   | 11.76437G    | 45.85             | 74.00             | -28.15         | 60.55         | 3           | Vertical  | 313            | 1.61          | -       | 39.47      | 11.73      | 65.90      |  |  |  |
| AV   | 11.75G       | 34.73             | 54.00             | -19.27         | 49.41         | 3           | Vertical  | 313            | 1.61          | -       | 39.50      | 11.73      | 65.91      |  |  |  |
| PK   | 17.62659G    | 51.31             | 108.20            | -56.89         | 56.59         | 3           | Vertical  | 340            | 1.46          | -       | 43.66      | 14.07      | 63.01      |  |  |  |
| RMS  | 17.62857G    | 39.28             | 88.20             | -48.92         | 44.55         | 3           | Vertical  | 340            | 1.46          | -       | 43.67      | 14.07      | 63.01      |  |  |  |

## 5.85-5.895GHz\_802.11be EHT40-BF\_Nss1,(MCS0)\_2TX

### 5875MHz\_TX

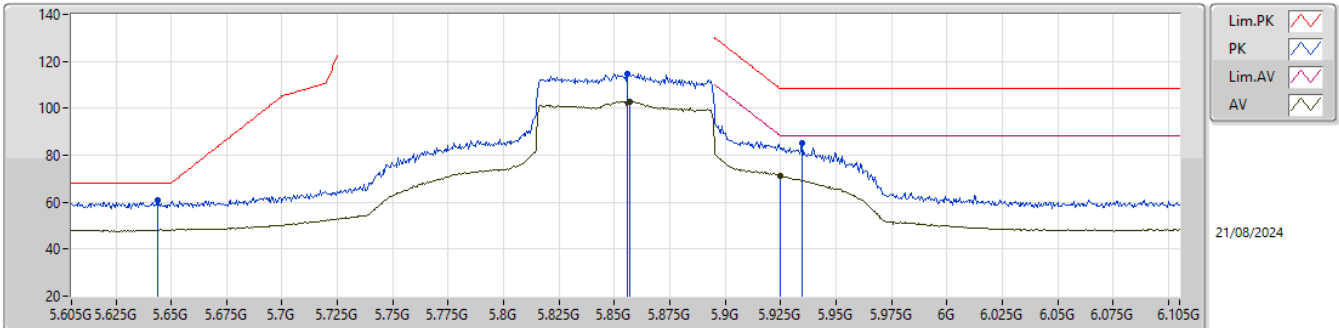


EUT\_Y\_2TX  
Setting 28  
03-V-V-1

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |  |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|--|--|--|
| PK   | 11.75006G    | 48.39             | 74.00             | -25.61         | 63.06         | 3           | Horizontal | 17             | 1.99          | -       | 39.50      | 11.73      | 65.90      |  |  |  |
| AV   | 11.75G       | 41.24             | 54.00             | -12.76         | 55.92         | 3           | Horizontal | 17             | 1.99          | -       | 39.50      | 11.73      | 65.91      |  |  |  |
| PK   | 17.62425G    | 52.28             | 108.20            | -55.92         | 57.58         | 3           | Horizontal | 211            | 1.91          | -       | 43.65      | 14.07      | 63.02      |  |  |  |
| RMS  | 17.62992G    | 39.25             | 88.20             | -48.95         | 44.51         | 3           | Horizontal | 211            | 1.91          | -       | 43.68      | 14.07      | 63.01      |  |  |  |

## 5.85-5.895GHz\_802.11be EHT80-BF\_Nss1,(MCS0)\_2TX

### 5855MHz\_TX

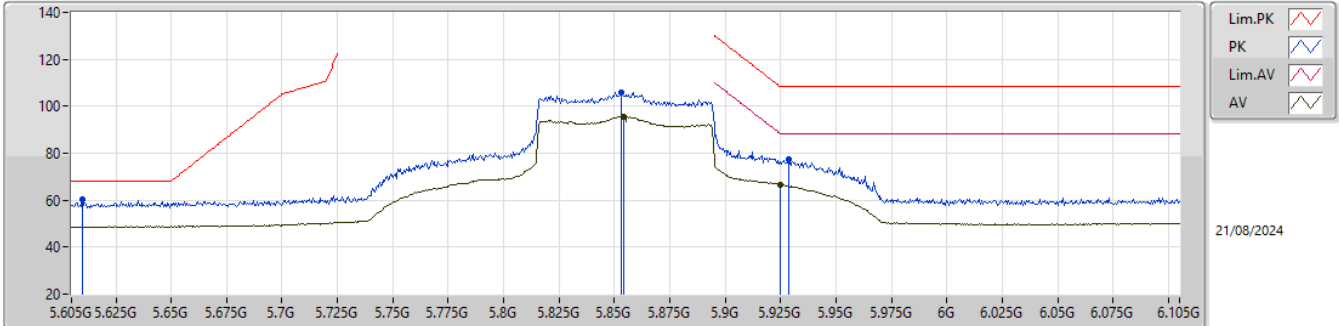


EUT\_Y\_2TX  
Setting 27  
03-V-V-1-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |  |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|--|--|--|
| PK   | 5.644G       | 60.71             | 68.20             | -7.49          | 54.27         | 3           | Vertical  | 0              | 2.57          | -       | 34.21      | 7.46       | 35.23      |  |  |  |
| PK   | 5.856G       | 114.56            | Inf               | -Inf           | 107.87        | 3           | Vertical  | 0              | 2.57          | -       | 34.32      | 7.57       | 35.20      |  |  |  |
| RMS  | 5.857G       | 103.00            | Inf               | -Inf           | 96.29         | 3           | Vertical  | 0              | 2.57          | -       | 34.33      | 7.58       | 35.20      |  |  |  |
| PK   | 5.9345G      | 85.19             | 108.20            | -23.01         | 78.18         | 3           | Vertical  | 0              | 2.57          | -       | 34.57      | 7.64       | 35.20      |  |  |  |
| RMS  | 5.925G       | 71.39             | 88.20             | -16.81         | 64.41         | 3           | Vertical  | 0              | 2.57          | -       | 34.55      | 7.63       | 35.20      |  |  |  |

## 5.85-5.895GHz\_802.11be EHT80-BF\_Nss1,(MCS0)\_2TX

### 5855MHz\_TX

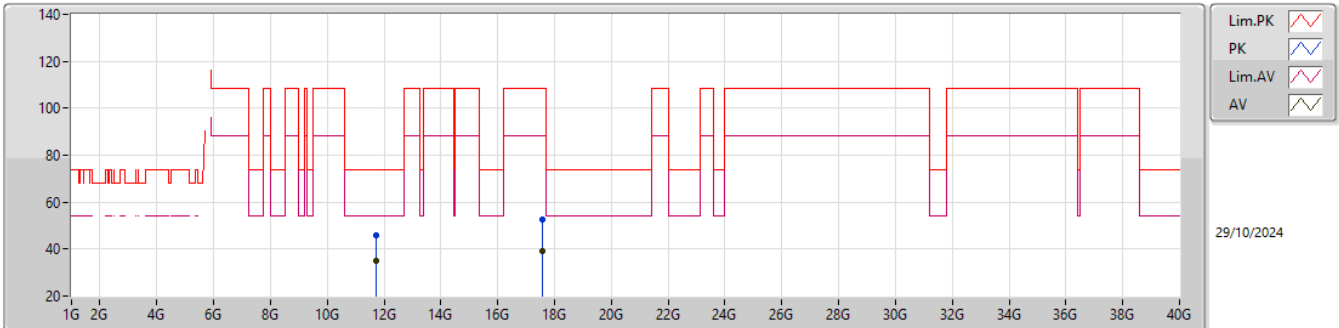


EUT\_Y\_2TX  
Setting 27  
03-V-V-1-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |  |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|--|--|--|
| PK   | 5.61G        | 60.30             | 68.20             | -7.90          | 53.62         | 3           | Horizontal | 116            | 1.80          | -       | 34.28      | 7.63       | 35.23      |  |  |  |
| PK   | 5.853G       | 105.95            | Inf               | -Inf           | 98.82         | 3           | Horizontal | 116            | 1.80          | -       | 34.31      | 8.02       | 35.20      |  |  |  |
| RMS  | 5.854G       | 95.73             | Inf               | -Inf           | 88.59         | 3           | Horizontal | 116            | 1.80          | -       | 34.32      | 8.02       | 35.20      |  |  |  |
| PK   | 5.9285G      | 77.37             | 108.20            | -30.83         | 69.92         | 3           | Horizontal | 116            | 1.80          | -       | 34.56      | 8.09       | 35.20      |  |  |  |
| RMS  | 5.925G       | 66.68             | 88.20             | -21.52         | 59.24         | 3           | Horizontal | 116            | 1.80          | -       | 34.55      | 8.09       | 35.20      |  |  |  |

## 5.85-5.895GHz\_802.11be EHT80-BF\_Nss1,(MCS0)\_2TX

### 5855MHz\_TX

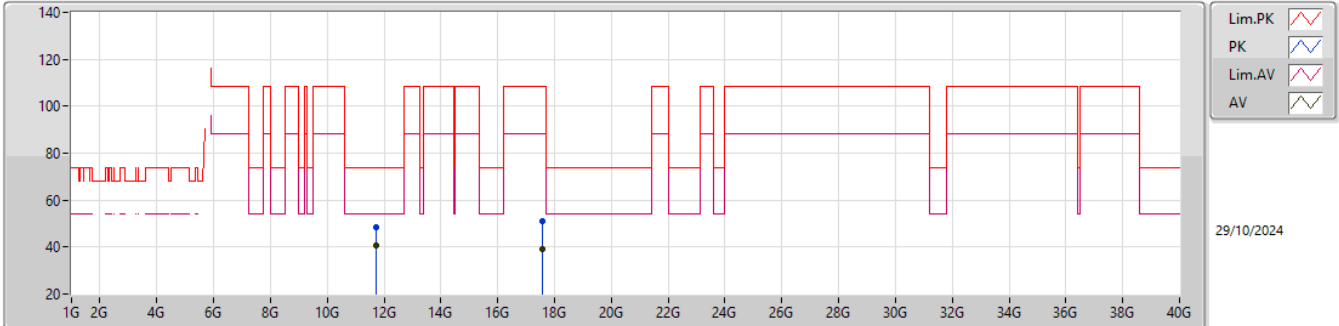


EUT\_Y\_2TX  
Setting 27  
03-V-V-1

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |  |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|--|--|--|
| PK   | 11.71588G    | 46.01             | 74.00             | -27.99         | 60.80         | 3           | Vertical  | 308            | 1.59          | -       | 39.43      | 11.71      | 65.93      |  |  |  |
| AV   | 11.71003G    | 34.83             | 54.00             | -19.17         | 49.63         | 3           | Vertical  | 308            | 1.59          | -       | 39.42      | 11.71      | 65.93      |  |  |  |
| PK   | 17.56146G    | 52.71             | 108.20            | -55.49         | 58.70         | 3           | Vertical  | 7              | 2.55          | -       | 43.11      | 14.04      | 63.14      |  |  |  |
| RMS  | 17.57706G    | 38.90             | 88.20             | -49.30         | 44.70         | 3           | Vertical  | 7              | 2.55          | -       | 43.27      | 14.04      | 63.11      |  |  |  |

## 5.85-5.895GHz\_802.11be EHT80-BF\_Nss1,(MCS0)\_2TX

### 5855MHz\_TX

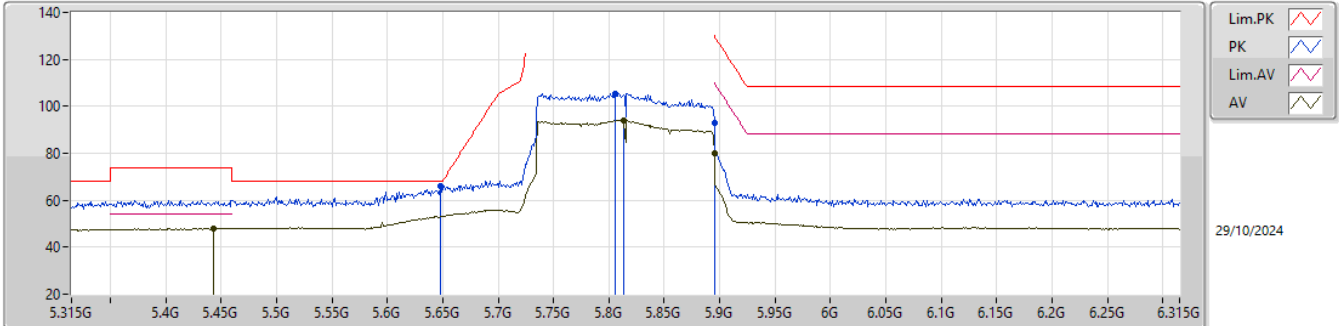


EUT\_Y\_2TX  
Setting 27  
03-V-V-1

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |  |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|--|--|--|
| PK   | 11.70979G    | 48.24             | 74.00             | -25.76         | 63.04         | 3           | Horizontal | 20             | 1.80          | -       | 39.42      | 11.71      | 65.93      |  |  |  |
| AV   | 11.70991G    | 40.70             | 54.00             | -13.30         | 55.50         | 3           | Horizontal | 20             | 1.80          | -       | 39.42      | 11.71      | 65.93      |  |  |  |
| PK   | 17.57985G    | 51.22             | 108.20            | -56.98         | 56.98         | 3           | Horizontal | 186            | 2.80          | -       | 43.30      | 14.04      | 63.10      |  |  |  |
| RMS  | 17.57835G    | 39.18             | 88.20             | -49.02         | 44.97         | 3           | Horizontal | 186            | 2.80          | -       | 43.28      | 14.04      | 63.11      |  |  |  |

## 5.85-5.895GHz\_802.11be EHT160-BF\_Nss1,(MCS0)\_2TX

### 5815MHz\_TX

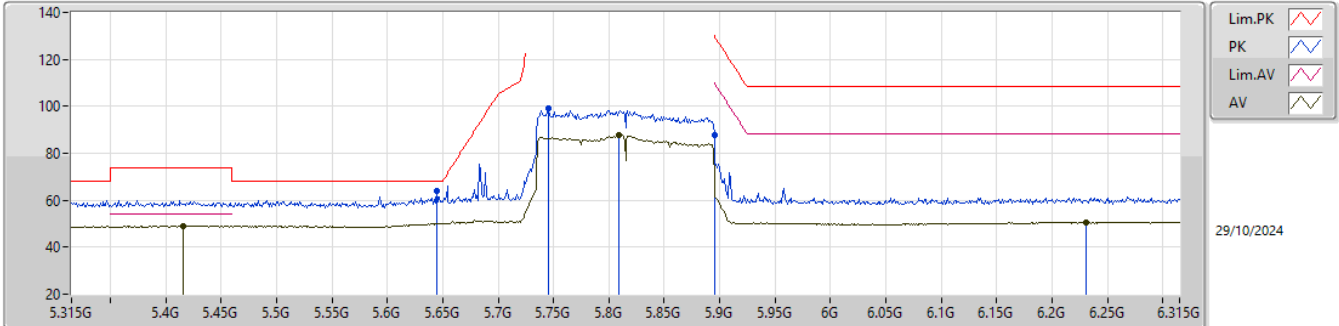


EUT\_Y\_2TX  
Setting 22  
03-V-V-1-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |  |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|--|--|--|
| PK   | 5.648G       | 66.19             | 68.20             | -2.01          | 59.76         | 3           | Vertical  | 173            | 1.80          | -       | 34.20      | 7.46       | 35.23      |  |  |  |
| AV   | 5.443G       | 48.05             | 54.00             | -5.95          | 41.57         | 3           | Vertical  | 173            | 1.80          | -       | 34.50      | 7.23       | 35.25      |  |  |  |
| PK   | 5.806G       | 105.46            | Inf               | -Inf           | 98.93         | 3           | Vertical  | 173            | 1.80          | -       | 34.21      | 7.53       | 35.21      |  |  |  |
| RMS  | 5.813G       | 94.12             | Inf               | -Inf           | 87.56         | 3           | Vertical  | 173            | 1.80          | -       | 34.23      | 7.54       | 35.21      |  |  |  |
| PK   | 5.895G       | 93.13             | 130.20            | -37.07         | 86.24         | 3           | Vertical  | 173            | 1.80          | -       | 34.48      | 7.61       | 35.20      |  |  |  |
| RMS  | 5.895G       | 80.06             | 110.20            | -30.14         | 73.17         | 3           | Vertical  | 173            | 1.80          | -       | 34.48      | 7.61       | 35.20      |  |  |  |

5.85-5.895GHz\_802.11be EHT160-BF\_Nss1,(MCS0)\_2TX

5815MHz\_TX

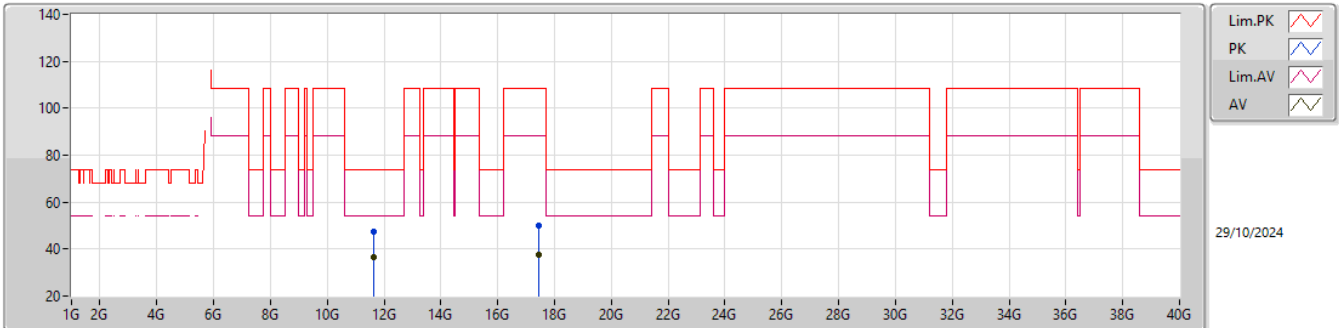


EUT\_Y\_2TX  
Setting 22  
03-V-V-1-10

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |  |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|--|--|--|
| PK   | 5.645G       | 63.93             | 68.20             | -4.27          | 57.26         | 3           | Horizontal | 159            | 1.68          | -       | 34.21      | 7.69       | 35.23      |  |  |  |
| AV   | 5.416G       | 49.09             | 54.00             | -4.91          | 42.01         | 3           | Horizontal | 159            | 1.68          | -       | 34.50      | 7.84       | 35.26      |  |  |  |
| PK   | 5.745G       | 99.07             | Inf               | -Inf           | 92.24         | 3           | Horizontal | 159            | 1.68          | -       | 34.19      | 7.86       | 35.22      |  |  |  |
| RMS  | 5.809G       | 87.64             | Inf               | -Inf           | 80.66         | 3           | Horizontal | 159            | 1.68          | -       | 34.22      | 7.97       | 35.21      |  |  |  |
| PK   | 5.895G       | 87.75             | 130.20            | -42.45         | 80.41         | 3           | Horizontal | 159            | 1.68          | -       | 34.48      | 8.06       | 35.20      |  |  |  |
| RMS  | 6.231G       | 50.64             | 88.20             | -37.56         | 42.38         | 3           | Horizontal | 159            | 1.68          | -       | 34.94      | 8.52       | 35.20      |  |  |  |

## 5.85-5.895GHz\_802.11be EHT160-BF\_Nss1,(MCS0)\_2TX

## 5815MHz\_TX

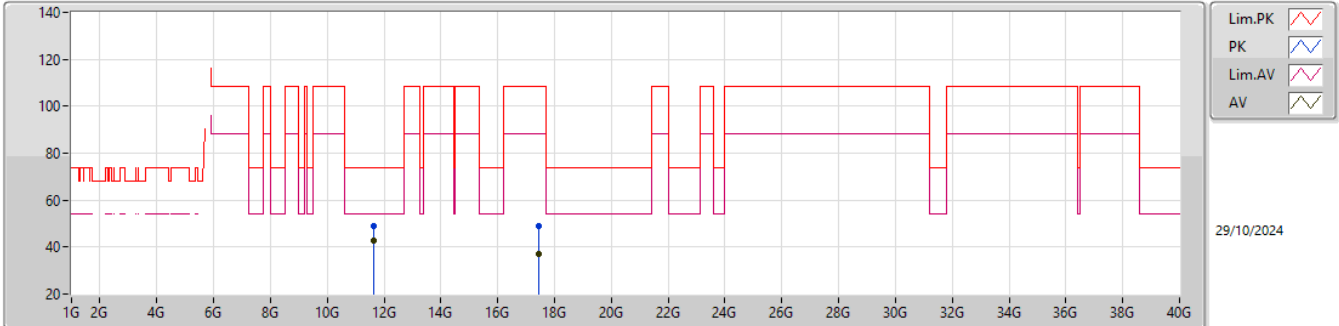


EUT\_Y\_2TX  
Setting 22  
03-V-V-1

| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |  |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|-----------|----------------|---------------|---------|------------|------------|------------|--|--|--|
| PK   | 11.64485G    | 47.52             | 74.00             | -26.48         | 61.66         | 3           | Vertical  | 308            | 1.59          | -       | 39.20      | 11.69      | 65.03      |  |  |  |
| AV   | 11.62982G    | 36.38             | 54.00             | -17.62         | 50.52         | 3           | Vertical  | 308            | 1.59          | -       | 39.20      | 11.68      | 65.02      |  |  |  |
| PK   | 17.44323G    | 49.79             | 108.20            | -58.41         | 56.17         | 3           | Vertical  | 268            | 1.54          | -       | 42.05      | 13.98      | 62.41      |  |  |  |
| RMS  | 17.44937G    | 37.74             | 88.20             | -50.46         | 44.08         | 3           | Vertical  | 268            | 1.54          | -       | 42.09      | 13.98      | 62.41      |  |  |  |

## 5.85-5.895GHz\_802.11be EHT160-BF\_Nss1,(MCS0)\_2TX

### 5815MHz\_TX



EUT\_Y\_2TX  
Setting 22  
03-V-V-1

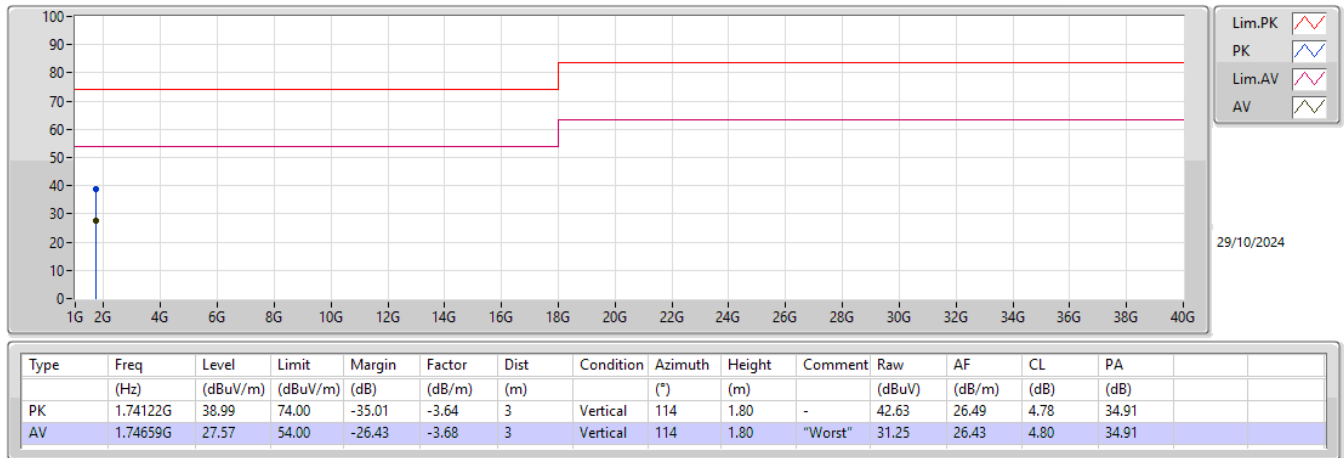
| Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Raw<br>(dBuV) | Dist<br>(m) | Condition  | Azimuth<br>(°) | Height<br>(m) | Comment | AF<br>(dB) | CL<br>(dB) | PA<br>(dB) |  |  |  |
|------|--------------|-------------------|-------------------|----------------|---------------|-------------|------------|----------------|---------------|---------|------------|------------|------------|--|--|--|
| PK   | 11.63006G    | 49.11             | 74.00             | -24.89         | 64.21         | 3           | Horizontal | 18             | 2.03          | -       | 39.20      | 11.68      | 65.98      |  |  |  |
| AV   | 11.62997G    | 42.93             | 54.00             | -11.07         | 58.03         | 3           | Horizontal | 18             | 2.03          | -       | 39.20      | 11.68      | 65.98      |  |  |  |
| PK   | 17.44319G    | 48.84             | 108.20            | -59.36         | 56.04         | 3           | Horizontal | 223            | 1.52          | -       | 42.05      | 13.98      | 63.23      |  |  |  |
| RMS  | 17.44457G    | 36.93             | 88.20             | -51.27         | 44.12         | 3           | Horizontal | 223            | 1.52          | -       | 42.06      | 13.98      | 63.23      |  |  |  |



**Summary**

| Mode   | Result | Type | Freq<br>(Hz) | Level<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Condition  |
|--------|--------|------|--------------|-------------------|-------------------|----------------|------------|
| Mode 1 | Pass   | AV   | 1.74709G     | 27.70             | 54.00             | -26.30         | Horizontal |

### Mode 1



### Mode 1

