

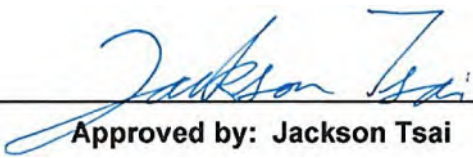


# FCC RADIO TEST REPORT

**FCC ID** : UDX-600218020  
**Equipment** : Cisco Wireless 9174E Series Wi-Fi 7 Access Point  
**Brand Name** : CISCO  
**Model Name** : CW9174E  
**Applicant** : Cisco Systems, Inc.  
170 West Tasman Drive, San Jose, CA 95134 USA  
**Manufacturer** : Cisco Systems, Inc.  
170 West Tasman Drive, San Jose, CA 95134 USA  
**Standard** : 47 CFR FCC Part 15.407

The product was received on May 12, 2025, and testing was started from Jun. 18, 2025 and completed on Aug. 07, 2025. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2020 + Cor.1-2023 + C63.10a-2024 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. Hsinhua Laboratory, the test report shall not be reproduced except in full.

  
Approved by: Jackson Tsai

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## History of this test report

|                                      |                             |
|--------------------------------------|-----------------------------|
| TEL : 886-3-656-9065                 | Page Number : 3 of 53       |
| FAX : 886-3-656-9085                 | Issued Date : Nov. 14, 2025 |
| Report Template No.: HE1-D1-1 Ver2.8 | Report Version : 01         |
| FCC ID: UDX-600218020                |                             |



## Summary of Test Result

| Report Clause | Ref Std. Clause    | Test Items                                                                               | Result (PASS/FAIL) | Remark                     |
|---------------|--------------------|------------------------------------------------------------------------------------------|--------------------|----------------------------|
| 1.1.4         | 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 Equivalent Isotropically Radiated Power (E.I.R.P.)                               | PASS               | -                          |
| 3.4           | 15.407(a)          | Peak Power Spectral Density (E.I.R.P.)                                                   | PASS               | -                          |
| 3.5           | 15.407(b)          | Unwanted Emissions                                                                       | PASS               | -                          |
| -             | 15.407(d)          | Contention-Based Protocol                                                                | N/A                | Standard Power AP w/o test |
| -             | KDB 987594 D02 (K) | Proper Power Adjustment based on Associated AP                                           | N/A                | -                          |
| -             | KDB 987594 D02 (L) | Proper Power Adjustment, Client Devices Connected to a Standard Power Access Point (APC) | N/A                | -                          |

**Declaration of Conformity:**

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

**Comments and Explanations:**

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

**Reviewed by: Daniel Hsu**

**Report Producer: Amber Chiu**



# 1 General Description

## 1.1 Information

### 1.1.1 RF General Information

#### Radio 3

| Frequency Range (MHz) | IEEE Std. 802.11               | Ch. Frequency (MHz) | Channel Number |
|-----------------------|--------------------------------|---------------------|----------------|
| 5925 ~ 6425           | a, ax (HEW20),<br>be (EHT20)   | 5955 ~ 6415         | 1 ~ 93 [24]    |
| 6525 ~ 6875           |                                | 6535 ~ 6855         | 117 ~ 181 [17] |
| 5925 ~ 6425           | a, ax (HEW40),<br>be (EHT40)   | 5965 ~ 6405         | 3 ~ 91 [12]    |
| 6525 ~ 6875           |                                | 6565 ~ 6845         | 123 ~ 179 [8]  |
| 5925 ~ 6425           | a, ax (HEW80) ,<br>be (EHT80)  | 5985 ~ 6385         | 7 ~ 87 [6]     |
| 6525 ~ 6875           |                                | 6625 ~ 6785         | 135 ~ 167 [3]  |
| 5925 ~ 6425           | a, ax (HEW160),<br>be (EHT160) | 6025 ~ 6345         | 15 ~ 79 [3]    |
| 6525 ~ 6875           |                                | 6665                | 143 [1]        |

#### Non-Beamforming\_Radio 3\_1T1S\_Full RU

| Band           | Mode            | BWch (MHz) | Nant |
|----------------|-----------------|------------|------|
| 5.925-6.425GHz | 802.11be EHT20  | 20         | 1TX  |
| 6.525-6.875GHz | 802.11be EHT20  | 20         | 1TX  |
| 5.925-6.425GHz | 802.11be EHT40  | 40         | 1TX  |
| 6.525-6.875GHz | 802.11be EHT40  | 40         | 1TX  |
| 5.925-6.425GHz | 802.11be EHT80  | 80         | 1TX  |
| 6.525-6.875GHz | 802.11be EHT80  | 80         | 1TX  |
| 5.925-6.425GHz | 802.11be EHT160 | 160        | 1TX  |
| 6.525-6.875GHz | 802.11be EHT160 | 160        | 1TX  |

#### Non-Beamforming\_Radio 3\_2T1S\_Full RU

| Band           | Mode            | BWch (MHz) | Nant          |
|----------------|-----------------|------------|---------------|
| 5.925-6.425GHz | 802.11be EHT20  | 20         | 2TX(Port 2/3) |
| 6.525-6.875GHz | 802.11be EHT20  | 20         | 2TX(Port 2/3) |
| 5.925-6.425GHz | 802.11be EHT40  | 40         | 2TX(Port 2/3) |
| 6.525-6.875GHz | 802.11be EHT40  | 40         | 2TX(Port 2/3) |
| 5.925-6.425GHz | 802.11be EHT80  | 80         | 2TX(Port 2/3) |
| 6.525-6.875GHz | 802.11be EHT80  | 80         | 2TX(Port 2/3) |
| 5.925-6.425GHz | 802.11be EHT160 | 160        | 2TX(Port 2/3) |
| 6.525-6.875GHz | 802.11be EHT160 | 160        | 2TX(Port 2/3) |

**Non-Beamforming\_Radio 3\_4T1S\_Full RU**

| Band           | Mode            | BWch (MHz) | Nant |
|----------------|-----------------|------------|------|
| 5.925-6.425GHz | 802.11be EHT20  | 20         | 4TX  |
| 6.525-6.875GHz | 802.11be EHT20  | 20         | 4TX  |
| 5.925-6.425GHz | 802.11be EHT40  | 40         | 4TX  |
| 6.525-6.875GHz | 802.11be EHT40  | 40         | 4TX  |
| 5.925-6.425GHz | 802.11be EHT80  | 80         | 4TX  |
| 6.525-6.875GHz | 802.11be EHT80  | 80         | 4TX  |
| 5.925-6.425GHz | 802.11be EHT160 | 160        | 4TX  |
| 6.525-6.875GHz | 802.11be EHT160 | 160        | 4TX  |

**Non-Beamforming\_Radio 3\_1T1S\_Multi-RU**

| Band           | Mode            | BWch (MHz) | Nant |
|----------------|-----------------|------------|------|
| 5.925-6.425GHz | 802.11be EHT80  | 80         | 1TX  |
| 5.925-6.425GHz | 802.11be EHT160 | 160        | 1TX  |

**Non-Beamforming\_Radio 3\_2T1S\_Multi-RU**

| Band           | Mode            | BWch (MHz) | Nant          |
|----------------|-----------------|------------|---------------|
| 5.925-6.425GHz | 802.11be EHT80  | 80         | 2TX(Port 2/3) |
| 5.925-6.425GHz | 802.11be EHT160 | 160        | 2TX(Port 2/3) |

**Non-Beamforming\_Radio 3\_4T1S\_Multi-RU**

| Band           | Mode            | BWch (MHz) | Nant |
|----------------|-----------------|------------|------|
| 5.925-6.425GHz | 802.11be EHT80  | 80         | 4TX  |
| 5.925-6.425GHz | 802.11be EHT160 | 160        | 4TX  |

**Non-Beamforming\_Radio 3\_1T1S\_Channel Puncturing**

| Band           | Mode            | BWch (MHz) | Nant |
|----------------|-----------------|------------|------|
| 5.925-6.425GHz | 802.11be EHT80  | 80         | 1TX  |
| 5.925-6.425GHz | 802.11be EHT160 | 160        | 1TX  |

**Non-Beamforming\_Radio 3\_2T1S\_Channel Puncturing**

| Band           | Mode            | BWch (MHz) | Nant          |
|----------------|-----------------|------------|---------------|
| 5.925-6.425GHz | 802.11be EHT80  | 80         | 2TX(Port 2/3) |
| 5.925-6.425GHz | 802.11be EHT160 | 160        | 2TX(Port 2/3) |

**Non-Beamforming\_Radio 3\_4T1S\_Channel Puncturing**

| Band           | Mode            | BWch (MHz) | Nant |
|----------------|-----------------|------------|------|
| 5.925-6.425GHz | 802.11be EHT80  | 80         | 4TX  |
| 5.925-6.425GHz | 802.11be EHT160 | 160        | 4TX  |

**Beamforming\_Radio 3**

| Band           | Mode               | BWch (MHz) | Nant |
|----------------|--------------------|------------|------|
| 5.925-6.425GHz | 802.11be EHT20-BF  | 20         | 4TX  |
| 6.525-6.875GHz | 802.11be EHT20-BF  | 20         | 4TX  |
| 5.925-6.425GHz | 802.11be EHT40-BF  | 40         | 4TX  |
| 6.525-6.875GHz | 802.11be EHT40-BF  | 40         | 4TX  |
| 5.925-6.425GHz | 802.11be EHT80-BF  | 80         | 4TX  |
| 6.525-6.875GHz | 802.11be EHT80-BF  | 80         | 4TX  |
| 5.925-6.425GHz | 802.11be EHT160-BF | 160        | 4TX  |
| 6.525-6.875GHz | 802.11be EHT160-BF | 160        | 4TX  |

**Scan Radio**

| Frequency Range (MHz) | IEEE Std. 802.11 | Ch. Frequency (MHz) | Channel Number |
|-----------------------|------------------|---------------------|----------------|
| 5925 ~ 6425           | a, ax (HEW20)    | 5955 ~ 6415         | 1 ~ 93 [24]    |
| 6525 ~ 6875           |                  | 6535 ~ 6855         | 117 ~ 181 [17] |

**Non-Beamforming\_Scan Radio**

| Band           | Mode           | BWch (MHz) | Nant |
|----------------|----------------|------------|------|
| 5.925-6.425GHz | 802.11ax HEW20 | 20         | 1TX  |
| 6.525-6.875GHz | 802.11ax HEW20 | 20         | 1TX  |

**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, EHT160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM modulation.
- ♦ BWch is the nominal channel bandwidth.
- ♦ The channel defined in the IEEE Standard P802.11ax™/D6.1.
- ♦ Evaluated EHT20/EHT40/EHT80/EHT160 mode only due to the similar modulation. The power setting of HEW20/HEW40/HEW80/HEW160 mode are the same or lower than EHT20/EHT40/EHT80/EHT160. (Radio 3)
- ♦ Evaluated HEW20 mode only due to the similar modulation. The power setting of HT20/ VHT20/ HEW20 mode are the same or lower than HEW20. (Scan Radio)

### 1.1.2 MRU (static preamble puncturing)

| RU-tone | MRU(static preamble puncturing) | Bandwidth(MHz) |     | 6GHz Test CH |       |
|---------|---------------------------------|----------------|-----|--------------|-------|
|         |                                 | 80             |     | CH7          | CH215 |
| 484+242 | 1                               | 242            | 484 | --           | V     |
|         | 2                               | 242            | 484 | V            | V     |
|         | 3                               | 484            | 242 | V            | V     |
|         | 4                               | 484            | 242 | V            | --    |

| RU-tone     | MRU(static preamble puncturing) | Bandwidth(MHz) |     | 6GHz Test CH |       |
|-------------|---------------------------------|----------------|-----|--------------|-------|
|             |                                 | 160            |     | CH15         | CH207 |
| 996+484     | 1                               | 484            | 996 | --           | V     |
|             | 2                               | 484            | 996 | V            | V     |
|             | 3                               | 996            | 484 | V            | V     |
|             | 4                               | 996            | 484 | V            | --    |
| 996+484+242 | 1                               | 242            | 484 | 996          | --    |
|             | 2                               | 242            | 484 | 996          | V     |
|             | 3                               | 484            | 242 | 996          | V     |
|             | 4                               | 484            | 242 | 996          | V     |
|             | 5                               | 996            | 242 | 484          | V     |
|             | 6                               | 996            | 242 | 484          | V     |
|             | 7                               | 996            | 484 | 242          | V     |
|             | 8                               | 996            | 484 | 242          | V     |

| RU-tone   | MRU(static preamble puncturing) | Bandwidth(MHz) |     | 6GHz Test CH |       |
|-----------|---------------------------------|----------------|-----|--------------|-------|
|           |                                 | 320            |     | CH31         | CH191 |
| 2x996+484 | 1                               | 484            | 996 | 996          | --    |
|           | 2                               | 484            | 996 | 996          | V     |
|           | 3                               | 996            | 484 | 996          | --    |
|           | 4                               | 996            | 484 | 996          | V     |
|           | 5                               | 996            | 996 | 484          | --    |
|           | 6                               | 996            | 996 | 484          | V     |
|           | 7                               | 484            | 996 | 996          | --    |
|           | 8                               | 484            | 996 | 996          | V     |
|           | 9                               | 996            | 484 | 996          | --    |
|           | 10                              | 996            | 484 | 996          | V     |
|           | 11                              | 996            | 996 | 484          | --    |
|           | 12                              | 996            | 996 | 484          | V     |
| 3x996     | 1                               | 996            | 996 | 996          | --    |
|           | 2                               | 996            | 996 | 996          | V     |
|           | 3                               | 996            | 996 | 996          | V     |
|           | 4                               | 996            | 996 | 996          | V     |
| 3x996+484 | 1                               | 484            | 996 | 996          | --    |
|           | 2                               | 484            | 996 | 996          | V     |
|           | 3                               | 996            | 484 | 996          | V     |
|           | 4                               | 996            | 484 | 996          | V     |
|           | 5                               | 996            | 996 | 484          | V     |
|           | 6                               | 996            | 996 | 484          | V     |
|           | 7                               | 996            | 996 | 484          | V     |
|           | 8                               | 996            | 996 | 484          | V     |

### 1.1.3 Worst case of MRU (static preamble puncturing) evaluation procedure

|                                                                                                                                                                                                                                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Complete test Full RU BE & PSD                                                                                                                                                                                                                               |
| 2. Measure the PSD of each MRU(static preamble puncturing) by conducted method and it is less than the Full RU conducted PSD.                                                                                                                                   |
| 3. Measure the Band edge emission of each MRU(static preamble puncturing) by conducted method and find out the MRU(static preamble puncturing) worst case configuration                                                                                         |
| 4. Follow step 3 to find the worst MRU(static preamble puncturing) configuration and perform radiated PSD testing                                                                                                                                               |
| 5. Follow step 3 to find the worst MRU(static preamble puncturing) configuration and perform radiated unwanted emission testing                                                                                                                                 |
| 6. Confirm whether the worst MRU(static preamble puncturing) configuration setting in steps 2 and step 4 is the same. If there is a channel where the setting drops due to the test in step 4, the PSD of MRU(static preamble puncturing) needs to be retested. |
| 7. Use worst configuration of MRU(static preamble puncturing) and perform MASK measurements by conducted method .                                                                                                                                               |

**1.1.4 Antenna Information**

| Ant. | Brand | Model Name     | Antenna Type        | Connector              | Support                           | Radio                                                                                                                |
|------|-------|----------------|---------------------|------------------------|-----------------------------------|----------------------------------------------------------------------------------------------------------------------|
| 1    | Cisco | C-ANT9101=     | Omnidirectional     | Octal DART             | 2.4G+5G+6G+Scan+BLE&IEEE 802.15.4 | Radio1_2.4G 2*2<br>Radio3_2.4G 4*4<br>Radio2_5G 4*4<br>Radio3_6G 4*4<br>Radio4_Scan 1T*1R<br>BLE&IEEE 802.15.4 1T*1R |
| 2    | Cisco | C-ANT9102=     | Omnidirectional     | Octal DART             | 2.4G+5G+6G+Scan+BLE&IEEE 802.15.4 | Radio1_2.4G 2*2<br>Radio3_2.4G 4*4<br>Radio2_5G 4*4<br>Radio3_6G 4*4<br>Radio4_Scan 1T*1R<br>BLE&IEEE 802.15.4 1T*1R |
| 3    | Cisco | C-ANT9103=     | Directional Patch   | Right angle octal DART | 2.4G+5G+6G+Scan+BLE&IEEE 802.15.4 | Radio1_2.4G 2*2<br>Radio3_2.4G 4*4<br>Radio2_5G 4*4<br>Radio3_6G 4*4<br>Radio4_Scan 1T*1R<br>BLE&IEEE 802.15.4 1T*1R |
| 4    | Cisco | CW-ANT-T-O2-D8 | Omnidirectional     | Octal DART             | 2.4G+5G+6G+BLE&IEEE 802.15.5      | Radio1_2.4G 2*2<br>Radio3_2.4G 4*4<br>Radio2_5G 4*4<br>Radio3_6G 4*4<br>Radio4_Scan 1T*1R<br>BLE&IEEE 802.15.4 1T*1R |
| 5    | Cisco | CW-ANT-T-D2-D8 | Directional Panel   | Right angle octal DART | 2.4G+5G+6G+BLE&IEEE 802.15.6      | Radio1_2.4G 2*2<br>Radio3_2.4G 4*4<br>Radio2_5G 4*4<br>Radio3_6G 4*4<br>Radio4_Scan 1T*1R<br>BLE&IEEE 802.15.4 1T*1R |
| 6    | Cisco | MA-ANT-3-C6    | Panel Omni          | RP-TNC                 | 2.4G+5G+Scan+BLE&IEEE 802.15.4    | Radio1_2.4G 2*2<br>Radio3_2.4G 4*4<br>Radio2_5G 4*4<br>Radio4_Scan 1T*1R<br>BLE&IEEE 802.15.4 1T*1R                  |
| 7    | Cisco | MA-ANT-3-D6    | Downtilt Panel Omni | RP-TNC                 | 2.4G+5G+Scan+BLE&IEEE 802.15.4    | Radio1_2.4G 2*2<br>Radio3_2.4G 4*4<br>Radio2_5G 4*4<br>Radio4_Scan 1T*2R<br>BLE&IEEE 802.15.4 1T*1R                  |
| 8    | Cisco | MA-ANT-3-E6    | Wide Patch          | RP-TNC                 | 2.4G+5G+Scan+BLE&IEEE 802.15.4    | Radio1_2.4G 2*2<br>Radio3_2.4G 4*4<br>Radio2_5G 4*4<br>Radio4_Scan 1T*1R<br>BLE&IEEE 802.15.4 1T*1R                  |



| Ant. | Brand | Model Name               | Antenna Type                      | Connector                  | Support                               | Radio                                                                                                  |
|------|-------|--------------------------|-----------------------------------|----------------------------|---------------------------------------|--------------------------------------------------------------------------------------------------------|
| 9    | Cisco | MA-ANT-3-F6              | Narrow Patch                      | RP-TNC                     | 2.4G+5G+Scan+<br>BLE&IEEE<br>802.15.4 | Radio1_2.4G 2*2<br>Radio3_2.4G 4*4<br>Radio2_5G 4*4<br>Radio4_Scan 1T*1R<br>BLE&IEEE 802.15.4<br>1T*1R |
| 10   | Cisco | AIR-ANT2524<br>V4C-R/RS= | Ceiling Mount<br>Omni-Directional | RP-TNC                     | 2.4G+5G                               | Radio1_2.4G 2*2<br>Radio3_2.4G 4*4<br>Radio2_5G 4*4<br>Radio4_Scan 1T*1R                               |
| 11   | Cisco | AIR-ANT2544<br>V4M-R/RS  | Wall-Mounted<br>Omnidirectional   | RP-TNC                     | 2.4G+5G                               | Radio1_2.4G 2*2<br>Radio3_2.4G 4*4<br>Radio2_5G 4*4<br>Radio4_Scan 1T*1R                               |
| 12   | Cisco | AIR-ANT2566<br>P4W-R/RS  | 4-Element Patch                   | RP-TNC                     | 2.4G+5G                               | Radio1_2.4G 2*2<br>Radio3_2.4G 4*4<br>Radio2_5G 4*4<br>Radio4_Scan 1T*1R                               |
| 13   | Cisco | AIR-ANT2566<br>D4M-R/RS  | Directional Array                 | RP-TNC                     | 2.4G+5G                               | Radio1_2.4G 2*2<br>Radio3_2.4G 4*4<br>Radio2_5G 4*4<br>Radio4_Scan 1T*1R                               |
| 14   | Cisco | AIR-ANT2513<br>P4M-N     | Patch Array                       | N-Female<br>Bulkhead       | 2.4G+5G                               | Radio1_2.4G 2*2<br>Radio3_2.4G 4*4<br>Radio2_5G 4*4<br>Radio4_Scan 1T*1R                               |
| 15   | Cisco | AIR-ANT2513<br>P4M-NS    | Patch Array                       | N-Female<br>Bulkhead       | 2.4G+5G                               | Radio1_2.4G 2*2<br>Radio3_2.4G 4*4<br>Radio2_5G 4*4<br>Radio4_Scan 1T*1R                               |
| 16   | Cisco | CW-ANT-T-O4<br>-R        | Omnidirectional                   | Reverse<br>Polarity<br>TNC | 2.4G+5G+6G                            | Radio1_2.4G 2*2<br>Radio3_2.4G 4*4<br>Radio2_5G 4*4<br>Radio3_6G 4*4                                   |

| Ant. | Gain (dBi) |        |         |         |        |        |        |        |        |                          |
|------|------------|--------|---------|---------|--------|--------|--------|--------|--------|--------------------------|
|      | 2.4G       | UNII-1 | UNII-2A | UNII-2C | UNII-3 | UNII-5 | UNII-6 | UNII-7 | UNII-8 | BLE&<br>IEEE<br>802.15.4 |
| 1    | 2          | 6      | 6       | 6       | 6      | 6      | 6      | 6      | 6      | 3                        |
| 2    | 4          | 4      | 4       | 4       | 4      | 4      | 4      | 4      | 4      | 4                        |
| 3    | 6          | 6      | 6       | 6       | 6      | 6      | 6      | 6      | 6      | 6                        |
| 4    | 3.25       | 5.63   | 5.63    | 5.63    | 5.63   | 5.63   | 5.63   | 5.63   | 5.63   | 3.25                     |
| 5    | 6.6        | 5.7    | 5.7     | 5.7     | 5.7    | 5.7    | 5.7    | 5.7    | 5.7    | 6.6                      |
| 6    | 4.9        | 4.9    | 4.9     | 4.9     | 4.9    | -      | -      | -      | -      | 4.9                      |
| 7    | 2.9        | 3.7    | 3.7     | 3.7     | 3.7    | -      | -      | -      | -      | 2.9                      |
| 8    | 7          | 6.3    | 6.3     | 6.3     | 6.3    | -      | -      | -      | -      | 7                        |



| Ant. | Gain (dBi) |        |         |         |        |        |        |        |        |                    |
|------|------------|--------|---------|---------|--------|--------|--------|--------|--------|--------------------|
|      | 2.4G       | UNII-1 | UNII-2A | UNII-2C | UNII-3 | UNII-5 | UNII-6 | UNII-7 | UNII-8 | BLE& IEEE 802.15.4 |
| 9    | 11.2       | 10.8   | 10.8    | 10.8    | 10.8   | -      | -      | -      | -      | 11.2               |
| 10   | 2          | 4      | 4       | 4       | 4      | -      | -      | -      | -      | -                  |
| 11   | 4          | 4      | 4       | 4       | 4      | -      | -      | -      | -      | -                  |
| 12   | 6          | 6      | 6       | 6       | 6      | -      | -      | -      | -      | -                  |
| 13   | 6          | 6      | 6       | 6       | 6      | -      | -      | -      | -      | -                  |
| 14   | 13         | 13     | 13      | 13      | 13     | -      | -      | -      | -      | -                  |
| 15   | 13         | 13     | 13      | 13      | 13     | -      | -      | -      | -      | -                  |
| 16   | 1          | 2      | 2       | 2       | 2      | 4      | 4      | 4      | 4      | -                  |

Note 1: The EUT has sixteen antennas.

Note 2: Ant. 1 and Ant. 14 (for 2.4G), Ant. 7 and Ant. 14 (for 5G), Ant.2 and Ant.3 (for 6G), Ant.7 and Ant.9 (for IoT), which designated by the manufacturer, was used during the test.

**For 2.4GHz function:**

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

Ant. 1~Ant.16 could transmit/receive.

Support diversity function and pre-tested on each single chain, the worst case was port 1 and it was recorded in this test report.

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

Ant. 1~Ant.16 could transmit/receive simultaneously.

For IEEE 802.11 b/g/n/VHT/ax/be mode (1TX/4RX) (Radio 3)

Ant. 1~Ant.16 could transmit/receive.

Support diversity function and pre-tested on each single chain, the worst case was port 2 and it was recorded in this test report.

For IEEE 802.11 b/g/n/VHT/ax/be mode (2TX/4RX) (Radio 3)

Ant. 1~Ant.16 could transmit/receive simultaneously.

For IEEE 802.11 b/g/n/VHT/ax/be mode (4TX/4RX) (Radio 3)

Ant. 1~Ant.16 could transmit/receive simultaneously.

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

Ant. 1~Ant.15 could transmit/receive simultaneously.

**For 5GHz function:**

For IEEE 802.11 a/n/ac/ax/be mode (1TX/4RX) (Radio 2)

Ant. 1~Ant.16 could transmit/receive.

Support diversity function and pre-tested on each single chain, the worst case was port 3 and it was recorded in this test report.

For IEEE 802.11 a/n/ac/ax/be mode (2TX/4RX) (Radio 2)

Ant. 1~Ant.16 could transmit/receive simultaneously.

For IEEE 802.11 a/n/ac/ax/be mode (4TX/4RX) (Radio 2)

Ant. 1~Ant.16 could transmit/receive simultaneously.

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

Ant. 1~Ant.15 could transmit/receive.

**For 6GHz function:**

For IEEE 802.11 ax/be mode (1TX/4RX) (Radio 3)

Ant. 1~Ant. 5 could transmit/receive.

Support diversity function and pre-tested on each single chain, the worst case was port 3 and it was recorded in this test report.

For IEEE 802.11 ax/be mode (2TX/4RX) (Radio 3)

Ant. 1~Ant.16 could transmit/receive simultaneously.

For IEEE 802.11 ax/be mode (4TX/4RX) (Radio 3)

Ant. 1~Ant.16 could transmit/receive simultaneously.

For IEEE 802.11 ax mode (1TX/1RX) (Scan Radio)

Ant. 1~Ant.15 could transmit/receive simultaneously.

**For BT function:**

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

Ant. 1~Ant. 9 could transmit/receive.

**For 802.15.4 function:**

For IEEE 802.15.4 mode (1TX/1RX)

Ant. 1~Ant. 9 could transmit/receive.

Note 2: Directional gain information

|        | 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 ≤ 4 | $DirectionalGain = 10 \cdot \log \left[ \frac{\sum_{j=1}^{N_{IS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$ |
| BF     | $DirectionalGain = 10 \cdot \log \left[ \frac{\sum_{j=1}^{N_{IS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$                | $DirectionalGain = 10 \cdot \log \left[ \frac{\sum_{j=1}^{N_{IS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$ |

**1.1.5 Table of Serial Number**

| Test item | Serial Number |
|-----------|---------------|
| RF        | FVH2911ASZD   |

**1.1.6 EUT Information**

| Operational Condition               |                                                                               |                                     |                                     |                                      |
|-------------------------------------|-------------------------------------------------------------------------------|-------------------------------------|-------------------------------------|--------------------------------------|
| <b>EUT Power Type</b>               | From AC Adapter / PoE                                                         |                                     |                                     |                                      |
| <b>EUT Function</b>                 | <input type="checkbox"/>                                                      | Indoor Access Point                 | <input type="checkbox"/>            | Dual Client                          |
|                                     | <input type="checkbox"/>                                                      | Indoor Client                       | <input type="checkbox"/>            | Fixed Client                         |
|                                     | <input type="checkbox"/>                                                      | Subordinate                         | <input type="checkbox"/>            | Standard Client                      |
|                                     | <input type="checkbox"/>                                                      | Very Low Power                      | <input checked="" type="checkbox"/> | Standard Power Access Point          |
|                                     |                                                                               |                                     | <input checked="" type="checkbox"/> | Indoor use                           |
|                                     |                                                                               |                                     | <input type="checkbox"/>            | Outdoor use                          |
| <b>Beamforming Function</b>         | <input checked="" type="checkbox"/>                                           | With beamforming                    | <input type="checkbox"/>            | Without beamforming                  |
| <b>Resource Unit</b>                | <input checked="" type="checkbox"/>                                           | Full RU                             | <input type="checkbox"/>            | Partial RU                           |
|                                     | <input checked="" type="checkbox"/>                                           | MRU<br>(static preamble puncturing) | <input type="checkbox"/>            | MRU<br>(dynamic preamble puncturing) |
| <b>Channel Puncturing</b>           | <input checked="" type="checkbox"/>                                           | Support                             | <input type="checkbox"/>            | Not support                          |
| Type of EUT                         |                                                                               |                                     |                                     |                                      |
| <input checked="" type="checkbox"/> | Stand-alone                                                                   |                                     |                                     |                                      |
| <input type="checkbox"/>            | Combined (EUT where the radio part is fully integrated within another device) |                                     |                                     |                                      |
|                                     | Combined Equipment - Brand Name / Model No.:                                  |                                     | ...                                 |                                      |
| <input type="checkbox"/>            | Plug-in radio (EUT intended for a variety of host systems)                    |                                     |                                     |                                      |
|                                     | Host System - Brand Name / Model No.:                                         |                                     |                                     |                                      |
| <input type="checkbox"/>            | Other:                                                                        |                                     |                                     |                                      |

Note: The above information was declared by manufacturer.

**1.1.7 Mode Test Duty Cycle****Non-Beamforming\_Radio 3\_Directional Patch\_1T1S\_Full RU**

| Mode                                   | DC    | DCF (dB) | T (s)  | VBW (Hz)_1/T    |
|----------------------------------------|-------|----------|--------|-----------------|
| 802.11be EHT20_Nss1,(MCS0)_1TX(Port3)  | 0.997 | 0.01     | 5.454m | 10Hz (DC>=0.98) |
| 802.11be EHT40_Nss1,(MCS0)_1TX(Port3)  | 0.997 | 0.01     | 5.454m | 10Hz (DC>=0.98) |
| 802.11be EHT80_Nss1,(MCS0)_1TX(Port3)  | 0.997 | 0.01     | 5.454m | 10Hz (DC>=0.98) |
| 802.11be EHT160_Nss1,(MCS0)_1TX(Port3) | 0.997 | 0.01     | 5.454m | 10Hz (DC>=0.98) |

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

**Non-Beamforming\_Radio 3\_Directional Patch\_2T1S\_Full RU**

| Mode                                         | DC    | DCF (dB) | T (s)  | VBW (Hz)_1/T    |
|----------------------------------------------|-------|----------|--------|-----------------|
| 802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)  | 0.997 | 0.01     | 5.454m | 10Hz (DC>=0.98) |
| 802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)  | 0.997 | 0.01     | 5.454m | 10Hz (DC>=0.98) |
| 802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)  | 0.997 | 0.01     | 5.454m | 10Hz (DC>=0.98) |
| 802.11be EHT160_Nss1,(MCS0)_2TX(Port2&Port3) | 0.997 | 0.01     | 5.453m | 10Hz (DC>=0.98) |

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

**Non-Beamforming\_Radio 3\_Directional Patch\_4T1S\_Full RU**

| Mode                            | DC    | DCF (dB) | T (s)  | VBW (Hz)_1/T    |
|---------------------------------|-------|----------|--------|-----------------|
| 802.11be EHT20_Nss1,(MCS0)_4TX  | 0.997 | 0.01     | 5.454m | 10Hz (DC>=0.98) |
| 802.11be EHT40_Nss1,(MCS0)_4TX  | 0.997 | 0.01     | 5.454m | 10Hz (DC>=0.98) |
| 802.11be EHT80_Nss1,(MCS0)_4TX  | 0.997 | 0.01     | 5.454m | 10Hz (DC>=0.98) |
| 802.11be EHT160_Nss1,(MCS0)_4TX | 0.997 | 0.01     | 5.454m | 10Hz (DC>=0.98) |

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

**Non-Beamforming\_Radio 3\_Omnidirectional\_1T1S\_Full RU**

| Mode                                   | DC    | DCF (dB) | T (s)  | VBW (Hz)_1/T    |
|----------------------------------------|-------|----------|--------|-----------------|
| 802.11be EHT20_Nss1,(MCS0)_1TX(Port3)  | 0.997 | 0.01     | 5.454m | 10Hz (DC>=0.98) |
| 802.11be EHT40_Nss1,(MCS0)_1TX(Port3)  | 0.997 | 0.01     | 5.454m | 10Hz (DC>=0.98) |
| 802.11be EHT80_Nss1,(MCS0)_1TX(Port3)  | 0.997 | 0.01     | 5.454m | 10Hz (DC>=0.98) |
| 802.11be EHT160_Nss1,(MCS0)_1TX(Port3) | 0.997 | 0.01     | 5.454m | 10Hz (DC>=0.98) |

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

**Non-Beamforming\_Radio 3\_Omnidirectional\_2T1S\_Full RU**

| Mode                                         | DC    | DCF (dB) | T (s)  | VBW (Hz)_1/T    |
|----------------------------------------------|-------|----------|--------|-----------------|
| 802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)  | 0.997 | 0.01     | 5.454m | 10Hz (DC>=0.98) |
| 802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)  | 0.997 | 0.01     | 5.454m | 10Hz (DC>=0.98) |
| 802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)  | 0.997 | 0.01     | 5.454m | 10Hz (DC>=0.98) |
| 802.11be EHT160_Nss1,(MCS0)_2TX(Port2&Port3) | 0.997 | 0.01     | 5.453m | 10Hz (DC>=0.98) |

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

**Non-Beamforming\_Radio 3\_Omnidirectional\_4T1S\_Full RU**

| Mode                            | DC    | DCF (dB) | T (s)  | VBW (Hz)_1/T    |
|---------------------------------|-------|----------|--------|-----------------|
| 802.11be EHT20_Nss1,(MCS0)_4TX  | 0.997 | 0.01     | 5.454m | 10Hz (DC>=0.98) |
| 802.11be EHT40_Nss1,(MCS0)_4TX  | 0.997 | 0.01     | 5.454m | 10Hz (DC>=0.98) |
| 802.11be EHT80_Nss1,(MCS0)_4TX  | 0.997 | 0.01     | 5.454m | 10Hz (DC>=0.98) |
| 802.11be EHT160_Nss1,(MCS0)_4TX | 0.997 | 0.01     | 5.454m | 10Hz (DC>=0.98) |

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

**Non-Beamforming\_Radio 3\_Directional Patch\_1T1S\_Multi-RU**

| Mode                                                        | DC    | DCF (dB) | T (s)  | VBW (Hz)_1/T |
|-------------------------------------------------------------|-------|----------|--------|--------------|
| 802.11be EHT80_Nss1,(MCS0),RU484+RU242<br>MRU 3_1TX(Port3)  | 0.818 | 0.87     | 1.694m | 1k           |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484<br>MRU 2_1TX(Port3) | 0.836 | 0.78     | 1.422m | 1k           |

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

**Non-Beamforming\_Radio 3\_Directional Patch\_2T1S\_Multi-RU**

| Mode                                                              | DC    | DCF (dB) | T (s)  | VBW (Hz)_1/T |
|-------------------------------------------------------------------|-------|----------|--------|--------------|
| 802.11be EHT80_Nss1,(MCS0),RU484+RU242<br>MRU 3_2TX(Port2&Port3)  | 0.911 | 0.4      | 2.747m | 500          |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484<br>MRU 2_2TX(Port2&Port3) | 0.833 | 0.79     | 1.422m | 1k           |

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

**Non-Beamforming\_Radio 3\_Directional Patch\_4T1S\_Multi-RU**

| Mode                                                 | DC    | DCF (dB) | T (s)  | VBW (Hz)_1/T |
|------------------------------------------------------|-------|----------|--------|--------------|
| 802.11be EHT80_Nss1,(MCS0),RU484+RU242<br>MRU 3_4TX  | 0.827 | 0.82     | 1.693m | 1k           |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484<br>MRU 2_4TX | 0.82  | 0.86     | 1.421m | 1k           |

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

**Non-Beamforming\_Radio 3\_Omnidirectional\_1T1S\_Multi-RU**

| Mode                                                        | DC    | DCF (dB) | T (s)  | VBW (Hz)_1/T |
|-------------------------------------------------------------|-------|----------|--------|--------------|
| 802.11be EHT80_Nss1,(MCS0),RU484+RU242<br>MRU 3_1TX(Port3)  | 0.818 | 0.87     | 1.694m | 1k           |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484<br>MRU 2_1TX(Port3) | 0.836 | 0.78     | 1.422m | 1k           |

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

**Non-Beamforming\_Radio 3\_Omnidirectional\_2T1S\_Multi-RU**

| Mode                                                           | DC    | DCF (dB) | T (s)  | VBW (Hz)_1/T |
|----------------------------------------------------------------|-------|----------|--------|--------------|
| 802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX(Port2&Port3)  | 0.911 | 0.4      | 2.747m | 500          |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX(Port2&Port3) | 0.833 | 0.79     | 1.422m | 1k           |

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

**Non-Beamforming\_Radio 3\_Omnidirectional\_4T1S\_Multi-RU**

| Mode                                              | DC    | DCF (dB) | T (s)  | VBW (Hz)_1/T |
|---------------------------------------------------|-------|----------|--------|--------------|
| 802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX  | 0.827 | 0.82     | 1.693m | 1k           |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX | 0.82  | 0.86     | 1.421m | 1k           |

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

**Non-Beamforming\_Radio 3\_Directional Patch\_1T1S\_Channel Puncturing**

| Mode                                                          | DC    | DCF (dB) | T (s)  | VBW (Hz)_1/T |
|---------------------------------------------------------------|-------|----------|--------|--------------|
| 802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX(Port3)        | 0.997 | 0.01     | 5.455m | 10           |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_1TX(Port3) | 0.997 | 0.01     | 5.455m | 10           |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_1TX(Port3)       | 0.997 | 0.01     | 5.455m | 10           |

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

**Non-Beamforming\_Radio 3\_Directional Patch\_2T1S\_Channel Puncturing**

| Mode                                                                | DC    | DCF (dB) | T (s)  | VBW (Hz)_1/T |
|---------------------------------------------------------------------|-------|----------|--------|--------------|
| 802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX(Port2&Port3)        | 0.997 | 0.01     | 5.453m | 10           |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_2TX(Port2&Port3) | 0.997 | 0.01     | 5.453m | 10           |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_2TX(Port2&Port3)       | 0.997 | 0.01     | 5.454m | 10           |

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

**Non-Beamforming\_Radio 3\_Directional Patch\_4T1S\_Channel Puncturing**

| Mode                                                   | DC    | DCF (dB) | T (s)  | VBW (Hz)_1/T |
|--------------------------------------------------------|-------|----------|--------|--------------|
| 802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX        | 0.997 | 0.01     | 5.454m | 10           |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_4TX | 0.997 | 0.01     | 5.454m | 10           |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_4TX       | 0.997 | 0.01     | 5.453m | 10           |

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

**Non-Beamforming\_Radio 3\_Omnidirectional\_1T1S\_Channel Puncturing**

| Mode                                                          | DC    | DCF (dB) | T (s)  | VBW (Hz)_1/T |
|---------------------------------------------------------------|-------|----------|--------|--------------|
| 802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX(Port3)        | 0.997 | 0.01     | 5.455m | 10           |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_1TX(Port3) | 0.997 | 0.01     | 5.455m | 10           |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_1TX(Port3)       | 0.997 | 0.01     | 5.455m | 10           |

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

**Non-Beamforming\_Radio 3\_Omnidirectional\_2T1S\_Channel Puncturing**

| Mode                                                                               | DC    | DCF (dB) | T (s)  | VBW (Hz)_1/T |
|------------------------------------------------------------------------------------|-------|----------|--------|--------------|
| 5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX(Port2&Port3)        | 0.997 | 0.01     | 5.453m | 10           |
| 5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 8_2TX(Port2&Port3) | 0.997 | 0.01     | 5.454m | 10           |
| 5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_2TX(Port2&Port3)       | 0.997 | 0.01     | 5.454m | 10           |

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

**Non-Beamforming\_Radio 3\_Omnidirectional\_4T1S\_Channel Puncturing**

| Mode                                                   | DC    | DCF (dB) | T (s)  | VBW (Hz)_1/T |
|--------------------------------------------------------|-------|----------|--------|--------------|
| 802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX        | 0.997 | 0.01     | 5.454m | 10           |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_4TX | 0.997 | 0.01     | 5.454m | 10           |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_4TX       | 0.997 | 0.01     | 5.453m | 10           |

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

**Non-Beamforming\_Scan Radio\_Directional Patch**

| Mode                           | DC    | DCF (dB) | T (s)  | VBW (Hz)_1/T    |
|--------------------------------|-------|----------|--------|-----------------|
| 802.11ax HEW20_Nss1,(MCS0)_1TX | 0.997 | 0.01     | 5.446m | 10Hz (DC>=0.98) |

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

**Non-Beamforming\_Scan Radio\_Omnidirectional**

| Mode                           | DC    | DCF (dB) | T (s)  | VBW (Hz)_1/T    |
|--------------------------------|-------|----------|--------|-----------------|
| 802.11ax HEW20_Nss1,(MCS0)_1TX | 0.997 | 0.01     | 5.446m | 10Hz (DC>=0.98) |

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

**Beamforming\_Radio 3\_Directional Patch**

| Mode                               | DC    | DCF (dB) | T (s)  | VBW (Hz)_1/T    |
|------------------------------------|-------|----------|--------|-----------------|
| 802.11be EHT20-BF_Nss1,(MCS0)_4TX  | 0.997 | 0.01     | 5.454m | 10Hz (DC>=0.98) |
| 802.11be EHT40-BF_Nss1,(MCS0)_4TX  | 0.997 | 0.01     | 5.454m | 10Hz (DC>=0.98) |
| 802.11be EHT80-BF_Nss1,(MCS0)_4TX  | 0.997 | 0.01     | 5.454m | 10Hz (DC>=0.98) |
| 802.11be EHT160-BF_Nss1,(MCS0)_4TX | 0.997 | 0.01     | 5.454m | 10Hz (DC>=0.98) |

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

**Beamforming\_Radio 3\_Omnidirectional**

| Mode                               | DC    | DCF (dB) | T (s)  | VBW (Hz)_1/T    |
|------------------------------------|-------|----------|--------|-----------------|
| 802.11be EHT20-BF_Nss1,(MCS0)_4TX  | 0.997 | 0.01     | 5.454m | 10Hz (DC>=0.98) |
| 802.11be EHT40-BF_Nss1,(MCS0)_4TX  | 0.997 | 0.01     | 5.454m | 10Hz (DC>=0.98) |
| 802.11be EHT80-BF_Nss1,(MCS0)_4TX  | 0.997 | 0.01     | 5.454m | 10Hz (DC>=0.98) |
| 802.11be EHT160-BF_Nss1,(MCS0)_4TX | 0.997 | 0.01     | 5.454m | 10Hz (DC>=0.98) |

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



## 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 C63.10-2020 + Cor.1-2023 + C63.10a-2024
- ♦ FCC KDB 789033 D02 v02r01

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

- ♦ KDB 987594 D01 v03r01
- ♦ KDB 987594 D02 v03
- ♦ KDB 662911 D01 v02r01
- ♦ KDB 412172 D01 v01r01
- ♦ KDB 414788 D01 v01r01

## 1.3 Testing Location Information

| Test Lab. : Sporton International Inc. Hsinhua Laboratory       |                                                                                                |               |                      |                         |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------|---------------|----------------------|-------------------------|
| <input checked="" type="checkbox"/> Hsinhua<br>(TAF: 3785)      | ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)                 |               |                      |                         |
|                                                                 | TEL: 886-3-327-3456                                                                            |               | FAX: 886-3-327-0973  |                         |
| Test site Designation No. TW3785 with FCC.                      |                                                                                                |               |                      |                         |
| Test Condition                                                  | Test Site No.                                                                                  | Test Engineer | Test Environment     | Test Date               |
| AC Conduction                                                   | CO04-HY                                                                                        | Andy Wang     | 23.1~23.9°C / 56~62% | 08/Jul/2025             |
| Radiated<br>(Co-location)                                       | 03CH02-HY                                                                                      | Vasari Huang  | 23.1~23.7°C / 53~59% | 07/Aug/2025             |
| <input checked="" type="checkbox"/> Wenhua 3rd..<br>(TAF: 3785) | ADD: No. 58, Aly. 75, Ln. 564, Wenhua 3rd Rd., Guishan Dist. Taoyuan City 333, Taiwan (R.O.C.) |               |                      |                         |
|                                                                 | TEL: 886-3-327-0868                                                                            |               |                      |                         |
| Test site Designation No. TW0036 with FCC.                      |                                                                                                |               |                      |                         |
| Test Condition                                                  | Test Site No.                                                                                  | Test Engineer | Test Environment     | Test Date               |
| RF Conducted                                                    | TH06-HY                                                                                        | Johnny Yu     | 23.1~23.7°C / 54~63% | 18/Jun/2025~03/Jul/2025 |
| Radiated                                                        | 03CH24-HY                                                                                      | Andy Wang     | 22.5~23.4°C / 50~51% | 03/Jul/2025~05/Jul/2025 |

## 1.4 Measurement Uncertainty

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

| Test Items                                                 | Uncertainty | Remark                   |
|------------------------------------------------------------|-------------|--------------------------|
| AC Power-line Conducted Emissions                          | 3.44 dB     | Confidence levels of 95% |
| Emission Bandwidth                                         | 0.05 MHz    | Confidence levels of 95% |
| Maximum Equivalent Isotropically Radiated Power (E.I.R.P.) | 1.48 dB     | Confidence levels of 95% |
| Peak Power Spectral Density (E.I.R.P.)                     | 1.48 dB     | Confidence levels of 95% |
| Contention-Based Protocol                                  | 0.94 dB     | Confidence levels of 95% |
| Radiated Emission (9 kHz ~ 30 MHz)                         | 2.9 dB      | Confidence levels of 95% |
| Radiated Emission (30 MHz ~ 1 GHz)                         | 5.64 dB     | Confidence levels of 95% |
| Radiated Emission (1 GHz ~ 18 GHz)                         | 5.02 dB     | Confidence levels of 95% |
| Radiated Emission (18 GHz ~ 40 GHz)                        | 5.28 dB     | Confidence levels of 95% |



## 2 Test Configuration of EUT

### 2.1 Test Channel Mode

|                              |                                      |
|------------------------------|--------------------------------------|
| <b>Test Software Version</b> | qdart_conn.win.1.0_installer_00099.1 |
|------------------------------|--------------------------------------|

#### **Non-Beamforming\_Radio 3\_Directional Patch\_1T1S\_Full RU**

| <b>Mode</b>                            | <b>Power Setting</b> |
|----------------------------------------|----------------------|
| 802.11be EHT20_Nss1,(MCS0)_1TX(Port3)  | -                    |
| 5955MHz                                | 20                   |
| 6195MHz                                | 20                   |
| 6415MHz                                | 20                   |
| 6535MHz                                | 20                   |
| 6695MHz                                | 20                   |
| 6855MHz                                | 20                   |
| 802.11be EHT40_Nss1,(MCS0)_1TX(Port3)  | -                    |
| 5965MHz                                | 19.5                 |
| 6205MHz                                | 20                   |
| 6405MHz                                | 20                   |
| 6565MHz                                | 20                   |
| 6685MHz                                | 20                   |
| 6845MHz                                | 20                   |
| 802.11be EHT80_Nss1,(MCS0)_1TX(Port3)  | -                    |
| 5985MHz                                | 19.5                 |
| 6225MHz                                | 20                   |
| 6385MHz                                | 20                   |
| 6625MHz                                | 20                   |
| 6705MHz                                | 20                   |
| 6785MHz                                | 20                   |
| 802.11be EHT160_Nss1,(MCS0)_1TX(Port3) | -                    |
| 6025MHz                                | 20                   |
| 6185MHz                                | 20                   |
| 6345MHz                                | 20                   |
| 6665MHz                                | 20                   |

**Non-Beamforming\_Radio 3\_Directional Patch\_2T1S\_Full RU**

| Mode                                         | Power Setting |
|----------------------------------------------|---------------|
| 802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)  | -             |
| 5955MHz                                      | 20            |
| 6195MHz                                      | 20            |
| 6415MHz                                      | 20            |
| 6535MHz                                      | 20            |
| 6695MHz                                      | 20            |
| 6855MHz                                      | 20            |
| 802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)  | -             |
| 5965MHz                                      | 19            |
| 6205MHz                                      | 20            |
| 6405MHz                                      | 20            |
| 6565MHz                                      | 20            |
| 6685MHz                                      | 20            |
| 6845MHz                                      | 20            |
| 802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)  | -             |
| 5985MHz                                      | 18.5          |
| 6225MHz                                      | 20            |
| 6385MHz                                      | 20            |
| 6625MHz                                      | 20            |
| 6705MHz                                      | 20            |
| 6785MHz                                      | 20            |
| 802.11be EHT160_Nss1,(MCS0)_2TX(Port2&Port3) | -             |
| 6025MHz                                      | 19            |
| 6185MHz                                      | 20            |
| 6345MHz                                      | 20            |
| 6665MHz                                      | 20            |

**Non-Beamforming\_Radio 3\_Directional Patch\_4T1S\_Full RU**

| Mode                            | Power Setting |
|---------------------------------|---------------|
| 802.11be EHT20_Nss1,(MCS0)_4TX  | -             |
| 5955MHz                         | 18.5          |
| 6195MHz                         | 18.5          |
| 6415MHz                         | 19            |
| 6535MHz                         | 19            |
| 6695MHz                         | 18.5          |
| 6855MHz                         | 19            |
| 802.11be EHT40_Nss1,(MCS0)_4TX  | -             |
| 5965MHz                         | 18            |
| 6205MHz                         | 20            |
| 6405MHz                         | 20            |
| 6565MHz                         | 20            |
| 6685MHz                         | 20            |
| 6845MHz                         | 20            |
| 802.11be EHT80_Nss1,(MCS0)_4TX  | -             |
| 5985MHz                         | 17.5          |
| 6225MHz                         | 20            |
| 6385MHz                         | 20            |
| 6625MHz                         | 20            |
| 6705MHz                         | 20            |
| 6785MHz                         | 20            |
| 802.11be EHT160_Nss1,(MCS0)_4TX | -             |
| 6025MHz                         | 18.5          |
| 6185MHz                         | 20            |
| 6345MHz                         | 20            |
| 6665MHz                         | 20            |

**Non-Beamforming\_Radio 3\_Omnidirectional\_1T1S\_Full RU**

| Mode                                   | Power Setting |
|----------------------------------------|---------------|
| 802.11be EHT20_Nss1,(MCS0)_1TX(Port3)  | -             |
| 5955MHz                                | 20            |
| 6195MHz                                | 20            |
| 6415MHz                                | 20            |
| 6535MHz                                | 20            |
| 6695MHz                                | 20            |
| 6855MHz                                | 20            |
| 802.11be EHT40_Nss1,(MCS0)_1TX(Port3)  | -             |
| 5965MHz                                | 20            |
| 6205MHz                                | 20            |
| 6405MHz                                | 20            |
| 6565MHz                                | 20            |
| 6685MHz                                | 20            |
| 6845MHz                                | 20            |
| 802.11be EHT80_Nss1,(MCS0)_1TX(Port3)  | -             |
| 5985MHz                                | 20            |
| 6225MHz                                | 20            |
| 6385MHz                                | 20            |
| 6625MHz                                | 20            |
| 6705MHz                                | 20            |
| 6785MHz                                | 20            |
| 802.11be EHT160_Nss1,(MCS0)_1TX(Port3) | -             |
| 6025MHz                                | 20            |
| 6185MHz                                | 20            |
| 6345MHz                                | 20            |
| 6665MHz                                | 20            |

**Non-Beamforming\_Radio 3\_Omnidirectional\_2T1S\_Full RU**

| Mode                                         | Power Setting |
|----------------------------------------------|---------------|
| 802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)  | -             |
| 5955MHz                                      | 20            |
| 6195MHz                                      | 20            |
| 6415MHz                                      | 20            |
| 6535MHz                                      | 20            |
| 6695MHz                                      | 20            |
| 6855MHz                                      | 20            |
| 802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)  | -             |
| 5965MHz                                      | 19.5          |
| 6205MHz                                      | 20            |
| 6405MHz                                      | 20            |
| 6565MHz                                      | 20            |
| 6685MHz                                      | 20            |
| 6845MHz                                      | 20            |
| 802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)  | -             |
| 5985MHz                                      | 19            |
| 6225MHz                                      | 20            |
| 6385MHz                                      | 20            |
| 6625MHz                                      | 20            |
| 6705MHz                                      | 20            |
| 6785MHz                                      | 20            |
| 802.11be EHT160_Nss1,(MCS0)_2TX(Port2&Port3) | -             |
| 6025MHz                                      | 19.5          |
| 6185MHz                                      | 20            |
| 6345MHz                                      | 20            |
| 6665MHz                                      | 20            |

**Non-Beamforming\_Radio 3\_Omnidirectional\_4T1S\_Full RU**

| Mode                            | Power Setting |
|---------------------------------|---------------|
| 802.11be EHT20_Nss1,(MCS0)_4TX  | -             |
| 5955MHz                         | 19.5          |
| 6195MHz                         | 20            |
| 6415MHz                         | 20            |
| 6535MHz                         | 20            |
| 6695MHz                         | 20            |
| 6855MHz                         | 20            |
| 802.11be EHT40_Nss1,(MCS0)_4TX  | -             |
| 5965MHz                         | 18.5          |
| 6205MHz                         | 20            |
| 6405MHz                         | 20            |
| 6565MHz                         | 20            |
| 6685MHz                         | 20            |
| 6845MHz                         | 20            |
| 802.11be EHT80_Nss1,(MCS0)_4TX  | -             |
| 5985MHz                         | 18            |
| 6225MHz                         | 20            |
| 6385MHz                         | 20            |
| 6625MHz                         | 20            |
| 6705MHz                         | 20            |
| 6785MHz                         | 20            |
| 802.11be EHT160_Nss1,(MCS0)_4TX | -             |
| 6025MHz                         | 19            |
| 6185MHz                         | 20            |
| 6345MHz                         | 20            |
| 6665MHz                         | 20            |
| 802.11be EHT20_Nss1,(MCS0)_4TX  | -             |
| 5955MHz                         | 19.5          |
| 6195MHz                         | 20            |

**Non-Beamforming\_Radio 3\_Directional Patch\_1T1S\_Multi-RU**

| Mode                                                     | Power Setting |
|----------------------------------------------------------|---------------|
| 802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX(Port3)  | -             |
| 5985MHz                                                  | 16.5          |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_1TX(Port3) | -             |
| 6025MHz                                                  | 18            |

**Non-Beamforming\_Radio 3\_Directional Patch\_2T1S\_Multi-RU**

| Mode                                                           | Power Setting |
|----------------------------------------------------------------|---------------|
| 802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX(Port2&Port3)  | -             |
| 5985MHz                                                        | 16.5          |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX(Port2&Port3) | -             |
| 6025MHz                                                        | 17            |

**Non-Beamforming\_Radio 3\_Directional Patch\_4T1S\_Multi-RU**

| Mode                                              | Power Setting |
|---------------------------------------------------|---------------|
| 802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX  | -             |
| 5985MHz                                           | 15            |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX | -             |
| 6025MHz                                           | 16.5          |

**Non-Beamforming\_Radio 3\_Omnidirectional\_1T1S\_Multi-RU**

| Mode                                                     | Power Setting |
|----------------------------------------------------------|---------------|
| 802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX(Port3)  | -             |
| 5985MHz                                                  | 17            |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_1TX(Port3) | -             |
| 6025MHz                                                  | 18            |

**Non-Beamforming\_Radio 3\_Omnidirectional\_2T1S\_Multi-RU**

| Mode                                                           | Power Setting |
|----------------------------------------------------------------|---------------|
| 802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX(Port2&Port3)  | -             |
| 5985MHz                                                        | 17            |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX(Port2&Port3) | -             |
| 6025MHz                                                        | 18            |

**Non-Beamforming\_Radio 3\_Omnidirectional\_4T1S\_Multi-RU**

| Mode                                              | Power Setting |
|---------------------------------------------------|---------------|
| 802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX  | -             |
| 5985MHz                                           | 15.5          |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX | -             |
| 6025MHz                                           | 17            |

**Non-Beamforming\_Radio 3\_Directional Patch\_1T1S\_Channel Puncturing**

| Mode                                                          | Power Setting |
|---------------------------------------------------------------|---------------|
| 802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX(Port3)        | -             |
| 5985MHz                                                       | 17.5          |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_1TX(Port3) | -             |
| 6025MHz                                                       | 19            |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_1TX(Port3)       | -             |
| 6025MHz                                                       | 18.5          |

**Non-Beamforming\_Radio 3\_Directional Patch\_2T1S\_Channel Puncturing**

| Mode                                                                | Power Setting |
|---------------------------------------------------------------------|---------------|
| 802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX(Port2&Port3)        | -             |
| 5985MHz                                                             | 16.5          |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_2TX(Port2&Port3) | -             |
| 6025MHz                                                             | 17.5          |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_2TX(Port2&Port3)       | -             |
| 6025MHz                                                             | 17            |

**Non-Beamforming\_Radio 3\_Directional Patch\_4T1S\_Channel Puncturing**

| Mode                                                   | Power Setting |
|--------------------------------------------------------|---------------|
| 802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX        | -             |
| 5985MHz                                                | 16            |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_4TX | -             |
| 6025MHz                                                | 16.5          |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_4TX       | -             |
| 6025MHz                                                | 16.5          |

**Non-Beamforming\_Radio 3\_Omnidirectional\_1T1S\_Channel Puncturing**

| Mode                                                          | Power Setting |
|---------------------------------------------------------------|---------------|
| 802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX(Port3)        | -             |
| 5985MHz                                                       | 18            |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_1TX(Port3) | -             |
| 6025MHz                                                       | 19            |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_1TX(Port3)       | -             |
| 6025MHz                                                       | 18.5          |

**Non-Beamforming\_Radio 3\_Omnidirectional\_2T1S\_Channel Puncturing**

| Mode                                                                | Power Setting |
|---------------------------------------------------------------------|---------------|
| 802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX(Port2&Port3)        | -             |
| 5985MHz                                                             | 17.5          |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 8_2TX(Port2&Port3) | -             |
| 6025MHz                                                             | 18.5          |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_2TX(Port2&Port3)       | -             |
| 6025MHz                                                             | 18.5          |

**Non-Beamforming\_Radio 3\_Omnidirectional\_4T1S\_Channel Puncturing**

| Mode                                                   | Power Setting |
|--------------------------------------------------------|---------------|
| 802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX        | -             |
| 5985MHz                                                | 16.5          |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_4TX | -             |
| 6025MHz                                                | 17            |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_4TX       | -             |
| 6025MHz                                                | 17            |

**Non-Beamforming\_Scan Radio\_Directional Patch**

| Mode                           | Power Setting |
|--------------------------------|---------------|
| 802.11ax HEW20_Nss1,(MCS0)_1TX | -             |
| 5955MHz                        | 13            |
| 6195MHz                        | 13            |
| 6415MHz                        | 13            |
| 6535MHz                        | 13            |
| 6695MHz                        | 13            |
| 6855MHz                        | 13            |

**Non-Beamforming\_Scan Radio\_Omnidirectional**

| Mode                           | Power Setting |
|--------------------------------|---------------|
| 802.11ax HEW20_Nss1,(MCS0)_1TX | -             |
| 5955MHz                        | 13            |
| 6195MHz                        | 13            |
| 6415MHz                        | 13            |
| 6535MHz                        | 13            |
| 6695MHz                        | 13            |
| 6855MHz                        | 13            |

**Beamforming\_Radio 3\_Directional Patch**

| Mode                               | Power Setting |
|------------------------------------|---------------|
| 802.11be EHT20-BF_Nss1,(MCS0)_4TX  | -             |
| 5955MHz                            | 18            |
| 6195MHz                            | 17.5          |
| 6415MHz                            | 18            |
| 6535MHz                            | 18            |
| 6695MHz                            | 18            |
| 6855MHz                            | 18            |
| 802.11be EHT40-BF_Nss1,(MCS0)_4TX  | -             |
| 5965MHz                            | 18            |
| 6205MHz                            | 17.5          |
| 6405MHz                            | 18.5          |
| 6565MHz                            | 18            |
| 6685MHz                            | 18            |
| 6845MHz                            | 18            |
| 802.11be EHT80-BF_Nss1,(MCS0)_4TX  | -             |
| 5985MHz                            | 17.5          |
| 6225MHz                            | 18            |
| 6385MHz                            | 18            |
| 6625MHz                            | 18            |
| 6705MHz                            | 18            |
| 6785MHz                            | 18            |
| 802.11be EHT160-BF_Nss1,(MCS0)_4TX | -             |
| 6025MHz                            | 18            |
| 6185MHz                            | 17.5          |
| 6345MHz                            | 17.5          |
| 6665MHz                            | 17.5          |

**Beamforming\_Radio 3\_Omnidirectional**

| Mode                               | Power Setting |
|------------------------------------|---------------|
| 802.11be EHT20-BF_Nss1,(MCS0)_4TX  | -             |
| 5955MHz                            | 19.5          |
| 6195MHz                            | 19.5          |
| 6415MHz                            | 20            |
| 6535MHz                            | 20            |
| 6695MHz                            | 20            |
| 6855MHz                            | 20            |
| 802.11be EHT40-BF_Nss1,(MCS0)_4TX  | -             |
| 5965MHz                            | 18.5          |
| 6205MHz                            | 19.5          |
| 6405MHz                            | 20            |
| 6565MHz                            | 20            |
| 6685MHz                            | 20            |
| 6845MHz                            | 20            |
| 802.11be EHT80-BF_Nss1,(MCS0)_4TX  | -             |
| 5985MHz                            | 18            |
| 6225MHz                            | 19.5          |
| 6385MHz                            | 20            |
| 6625MHz                            | 20            |
| 6705MHz                            | 20            |
| 6785MHz                            | 20            |
| 802.11be EHT160-BF_Nss1,(MCS0)_4TX | -             |
| 6025MHz                            | 19            |
| 6185MHz                            | 19.5          |
| 6345MHz                            | 19.5          |
| 6665MHz                            | 19.5          |

## 2.2 The Worst Case Measurement Configuration

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

| The Worst Case Mode for Following Conformance Tests |                                                                                                                                                                                                      |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Tests Item</b>                                   | Emission Bandwidth<br>Maximum Equivalent Isotropically Radiated Power (E.I.R.P.)<br>Peak Power Spectral Density (E.I.R.P.)<br>Unwanted Emissions<br>Contention Based Protocol<br>Frequency Stability |
| <b>Test Condition</b>                               | Conducted measurement at transmit chains                                                                                                                                                             |

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



| The Worst Case Mode for Following Conformance Tests                                                                                 |                                                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| <b>Tests Item</b>                                                                                                                   | Simultaneous Transmission Analysis - Radiated Emission Co-location              |
| <b>Operating Mode</b>                                                                                                               | CTX                                                                             |
| 1                                                                                                                                   | R1_2.4G(2*2)(ePA)+R2_5G(4*4)+R3_6G(4*4)+R4_Scan:2.4G+5G+6G(1T*2R)+BT            |
| 2                                                                                                                                   | R2_5G(4*4)+R3_2.4G(4*4)(XOR)+R4_Scan:2.4G+5G+6G(1T*2R)+BT                       |
| 3                                                                                                                                   | R1_2.4G(2*2)(ePA)+R2_5G(4*4)+R3_6G(4*4)+R4_Scan:2.4G+5G+6G(1T*2R)+IEEE 802.15.4 |
| 4                                                                                                                                   | R2_5G(4*4)+R3_2.4G(4*4)(XOR)+R4_Scan:2.4G+5G+6G(1T*2R)+IEEE 802.15.4            |
| Refer to Sporton Test Report No.: FA550854 for Co-location RF Exposure Evaluation and Appendix F for Radiated Emission Co-location. |                                                                                 |



## 2.3 Accessories

| Accessories                  |            |       |            |                  |
|------------------------------|------------|-------|------------|------------------|
| Low Profile Mounting Bracket | Brand Name | Cisco | Model Name | AIR-AP-BRACKET-1 |
| Ceiling grid clip            | Brand Name | Cisco | Model Name | AIR-AP-T-RAIL-R  |

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

## 2.4 Support Equipment

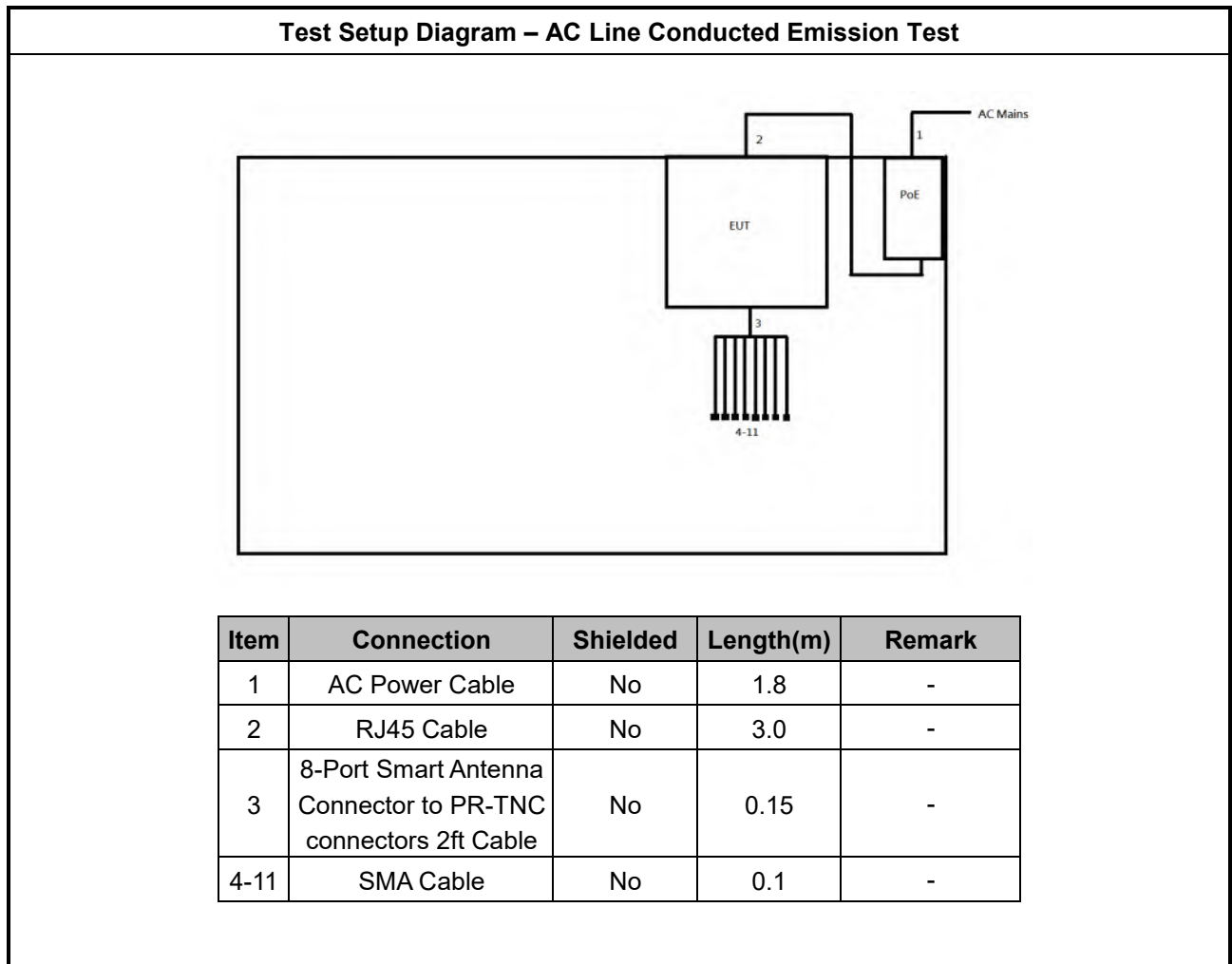
| Support Equipment – AC Conduction |                                                               |                      |                 |        |                      |
|-----------------------------------|---------------------------------------------------------------|----------------------|-----------------|--------|----------------------|
| No.                               | Equipment                                                     | Brand Name           | Model Name      | FCC ID | Remark               |
| 1                                 | 8-Port Smart Antenna Connector to PR-TNC connectors 2ft Cable | CISCO                | AIR-CAB002-D8-R | -      | Provided by Customer |
| 2                                 | SMA Cable * 8                                                 | Amphenol RF Asia Ltd | 95-668-45449-1  | -      | Provided by Customer |
| 3                                 | AC Power Cable                                                | Power Sync           | PW-GPC180-3     | -      | -                    |
| 4                                 | RJ45 Cable                                                    | Power sync           | CAT-6E-03       | -      | -                    |
| 5                                 | PoE                                                           | PHIHONG              | POE60U-BTA      | -      | Provided by Customer |

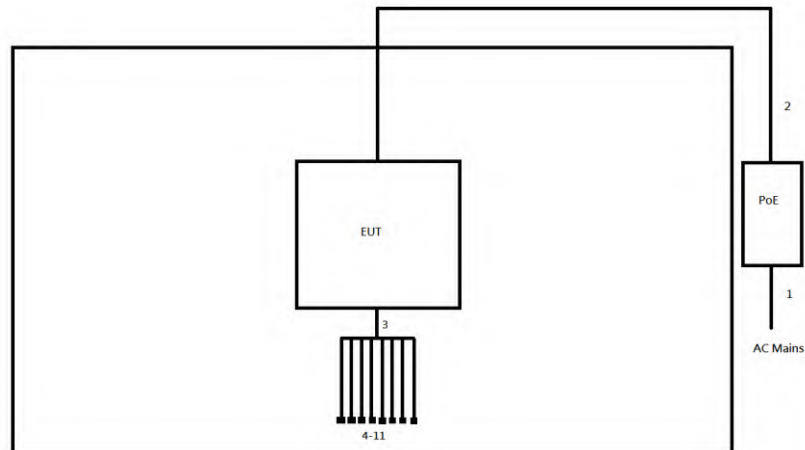
| Support Equipment – Conducted |                                                               |                      |                 |        |                      |
|-------------------------------|---------------------------------------------------------------|----------------------|-----------------|--------|----------------------|
| No.                           | Equipment                                                     | Brand Name           | Model Name      | FCC ID | Remark               |
| 1                             | Notebook                                                      | DELL                 | E5410           | -      | -                    |
| 2                             | Adapter for NB                                                | DELL                 | HA65NM130       | -      | -                    |
| 3                             | PoE                                                           | PHIHONG              | POE60U-BTA      | -      | Provided by Customer |
| 4                             | AC Power Cable X2                                             | Power Sync           | PW-GPC180-3     | -      | -                    |
| 5                             | SMA Cable                                                     | Amphenol RF Asia Ltd | 95-668-45449-1  | -      | Provided by Customer |
| 6                             | 8-Port Smart Antenna Connector to PR-TNC connectors 2ft Cable | CISCO                | AIR-CAB002-D8-R | -      | Provided by Customer |



| Support Equipment – Radiated |                                                               |                      |                 |        |                      |
|------------------------------|---------------------------------------------------------------|----------------------|-----------------|--------|----------------------|
| No.                          | Equipment                                                     | Brand Name           | Model Name      | FCC ID | Remark               |
| 1                            | 8-Port Smart Antenna Connector to PR-TNC connectors 2ft Cable | CISCO                | AIR-CAB002-D8-R | -      | Provided by Customer |
| 2                            | SMA Cable * 8                                                 | Amphenol RF Asia Ltd | 95-668-45449-1  | -      | Provided by Customer |
| 3                            | RJ45 Cable                                                    | Power sync           | CAT-6E-03       | -      | -                    |
| 4                            | PoE (Remote)                                                  | PHIHONG              | POE60U-BTA      | -      | Provided by Customer |
| 5                            | AC Power Cable (Remote)                                       | Power Sync           | PW-GPC180-3     | -      | -                    |

## 2.5 Test Setup Diagram



**Test Setup Diagram - Radiated Test\_PoE Mode**


| Item | Connection                                                    | Shielded | Length(m) | Remark |
|------|---------------------------------------------------------------|----------|-----------|--------|
| 1    | AC Power Cable                                                | No       | 1.8       | -      |
| 2    | RJ45 Cable                                                    | No       | 3.0       | -      |
| 3    | 8-Port Smart Antenna Connector to PR-TNC connectors 2ft Cable | No       | 0.15      | -      |
| 4-11 | SMA Cable                                                     | No       | 0.1       | -      |



### **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**

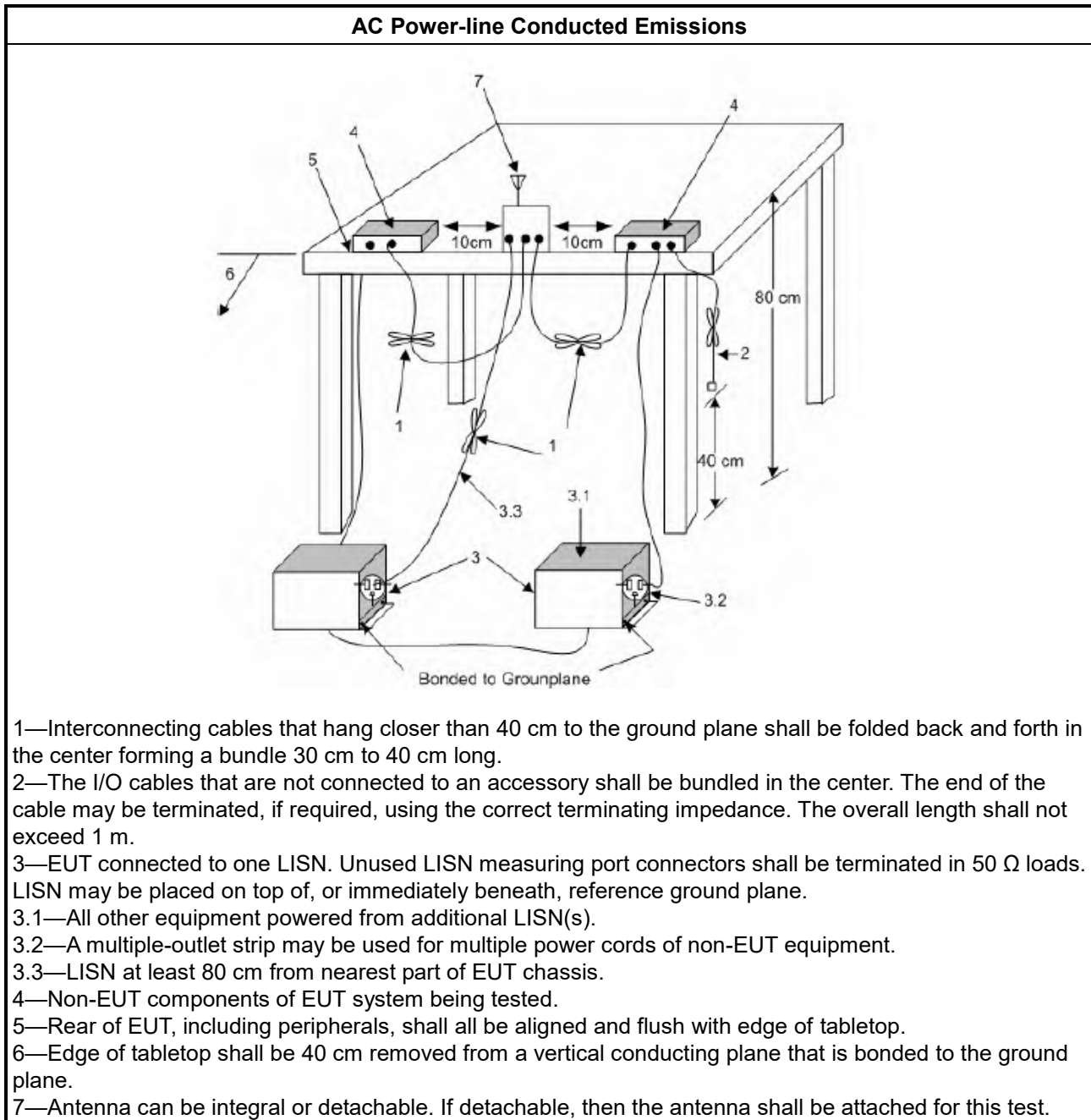
| Test Method                                                                                                 |
|-------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> Refer as ANSI C63.10, clause 6.2 for AC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

##### **3.1.4 Measurement Results Calculation**

The measured Level is calculated using:

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

### 3.1.5 Test Setup



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

Refer as Appendix A

## 3.2 Emission Bandwidth

### 3.2.1 Emission Bandwidth Limit

| Emission Bandwidth Limit            |                                 |
|-------------------------------------|---------------------------------|
| <b>UNII Devices</b>                 |                                 |
| <input checked="" type="checkbox"/> | For the 5925-6425 GHz band, N/A |
| <input type="checkbox"/>            | For the 6425-6525 GHz band, N/A |
| <input checked="" type="checkbox"/> | For the 6525-6875 GHz band, N/A |
| <input type="checkbox"/>            | For the 6875-7125 GHz band, N/A |

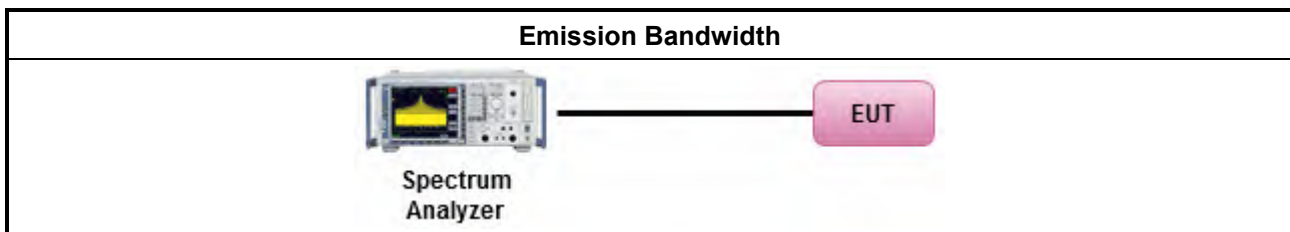
### 3.2.2 Measuring Instruments

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

### 3.2.3 Test Procedures

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

### 3.2.4 Test Setup



### 3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B



### 3.3 Maximum Equivalent Isotropically Radiated Power (E.I.R.P.)

#### 3.3.1 Maximum Equivalent Isotropically Radiated Power (E.I.R.P.) Limit

| Maximum Equivalent Isotropically Radiated Power (E.I.R.P.) Limit    |                                                                                                                                                                                              |
|---------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>UNII Devices</b>                                                 |                                                                                                                                                                                              |
| <input checked="" type="checkbox"/> For the 5.925 ~ 6.425 GHz band: |                                                                                                                                                                                              |
|                                                                     | ■ For standard power access point and fixed client device : e.i.r.p < 36 dBm , For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees not exceed 125 mW (21 dBm). |
|                                                                     | ■ For indoor access point : e.i.r.p < 30 dBm.                                                                                                                                                |
|                                                                     | ■ For subordinate device control of an indoor access point : e.i.r.p < 30 dBm.                                                                                                               |
|                                                                     | ■ For client device control of a standard power access point : e.i.r.p < 30 dBm.                                                                                                             |
|                                                                     | ■ For client device control of an indoor access point : e.i.r.p < 24 dBm.                                                                                                                    |
|                                                                     | ■ For very low power device : e.i.r.p < 14 dBm.                                                                                                                                              |
| <input type="checkbox"/> For the 6.425 ~ 6.525 GHz band:            |                                                                                                                                                                                              |
|                                                                     | ■ For indoor access point : e.i.r.p < 30 dBm.                                                                                                                                                |
|                                                                     | ■ For subordinate device control of an indoor access point : e.i.r.p < 30 dBm.                                                                                                               |
|                                                                     | ■ For client device control of an indoor access point : e.i.r.p < 24 dBm.                                                                                                                    |
|                                                                     | ■ For very low power device : e.i.r.p < 14 dBm.                                                                                                                                              |
| <input checked="" type="checkbox"/> For the 6.525 ~ 6.875 GHz band: |                                                                                                                                                                                              |
|                                                                     | ■ For standard power access point and fixed client device : e.i.r.p < 36 dBm , For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees not exceed 125 mW (21 dBm). |
|                                                                     | ■ For indoor access point : e.i.r.p < 30 dBm.                                                                                                                                                |
|                                                                     | ■ For subordinate device control of an indoor access point : e.i.r.p < 30 dBm.                                                                                                               |
|                                                                     | ■ For client device control of a standard power access point : e.i.r.p < 30 dBm.                                                                                                             |
|                                                                     | ■ For client device control of an indoor access point : e.i.r.p < 24 dBm.                                                                                                                    |
|                                                                     | ■ For very low power device : e.i.r.p < 14 dBm.                                                                                                                                              |
| <input type="checkbox"/> For the 6.875 ~ 7.125 GHz band:            |                                                                                                                                                                                              |
|                                                                     | ■ For indoor access point : e.i.r.p < 30 dBm.                                                                                                                                                |
|                                                                     | ■ For subordinate device control of an indoor access point : e.i.r.p < 30 dBm.                                                                                                               |
|                                                                     | ■ For client device control of an indoor access point : e.i.r.p < 24 dBm.                                                                                                                    |
|                                                                     | ■ For very low power device : e.i.r.p < 14 dBm.                                                                                                                                              |

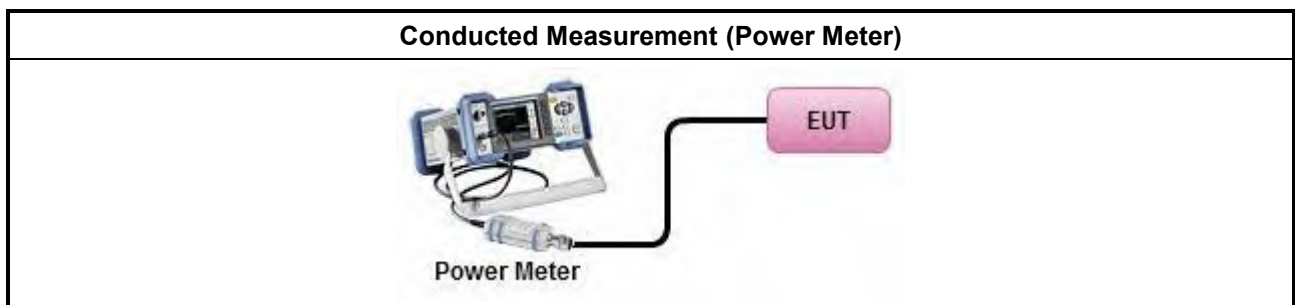
#### 3.3.2 Measuring Instruments

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

### 3.3.3 Test Procedures

| Test Method                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>Maximum Output Power Setting</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                   |
| <input type="checkbox"/> Duty cycle $\geq 98\%$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <input type="checkbox"/> Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).                |
| <input type="checkbox"/> Duty cycle $< 98\%$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <input type="checkbox"/> Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed) |
| Wideband RF power meter and average over on/off periods with duty factor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                   |
| <input checked="" type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Refer as FCC KDB 789033, 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> <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 ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.</li> <li>Refer as FCC KDB 789033, clause II A.1.F "Antenna-port Conducted versus Radiated Testing"</li> <li>Refer as KDB 412172, clause 2.2 for EIRP calculation.</li> </ul>                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                   |

### 3.3.4 Test Setup



### 3.3.5 Test Result of Maximum Equivalent Isotropically Radiated Power (E.I.R.P)

Refer as Appendix C

### 3.4 Peak Power Spectral Density (E.I.R.P.)

#### 3.4.1 Peak Power Spectral Density (E.I.R.P.) Limit

| Peak Power Spectral Density (E.I.R.P.) Limit |                                 |
|----------------------------------------------|---------------------------------|
| <b>UNII Devices</b>                          |                                 |
| <input checked="" type="checkbox"/>          | For the 5.925 ~ 6.425 GHz band: |
| <input type="checkbox"/>                     | For the 6.425 ~ 6.525 GHz band: |
| <input checked="" type="checkbox"/>          | For the 6.525 ~ 6.875 GHz band: |
| <input type="checkbox"/>                     | For the 6.875 ~ 7.125 GHz band: |

|                          |                                 |
|--------------------------|---------------------------------|
| <input type="checkbox"/> | For the 5.925 ~ 6.425 GHz band: |
| <input type="checkbox"/> | For the 6.425 ~ 6.525 GHz band: |
| <input type="checkbox"/> | For the 6.525 ~ 6.875 GHz band: |
| <input type="checkbox"/> | For the 6.875 ~ 7.125 GHz band: |

|                          |                                 |
|--------------------------|---------------------------------|
| <input type="checkbox"/> | For the 5.925 ~ 6.425 GHz band: |
| <input type="checkbox"/> | For the 6.425 ~ 6.525 GHz band: |
| <input type="checkbox"/> | For the 6.525 ~ 6.875 GHz band: |
| <input type="checkbox"/> | For the 6.875 ~ 7.125 GHz band: |

|                          |                                 |
|--------------------------|---------------------------------|
| <input type="checkbox"/> | For the 5.925 ~ 6.425 GHz band: |
| <input type="checkbox"/> | For the 6.425 ~ 6.525 GHz band: |
| <input type="checkbox"/> | For the 6.525 ~ 6.875 GHz band: |
| <input type="checkbox"/> | For the 6.875 ~ 7.125 GHz band: |

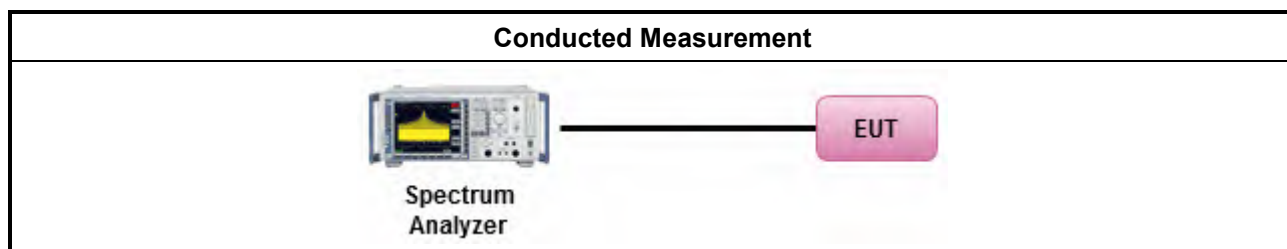
#### 3.4.2 Measuring Instruments

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, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <input checked="" type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                           | Refer as FCC KDB 789033, clause E Method SA-2. (spectral trace averaging)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <input checked="" type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                           | Refer as FCC KDB 789033, 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 checked="" 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 checked="" 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 ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.</li></ul>                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <ul style="list-style-type: none"><li>Refer as KDB 789033, clause II A.1.F "Antenna-port Conducted versus Radiated Testing"</li></ul>                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

### 3.4.4 Test Setup



### 3.4.5 Test Result of Peak Power Spectral Density (E.I.R.P.)

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                    |

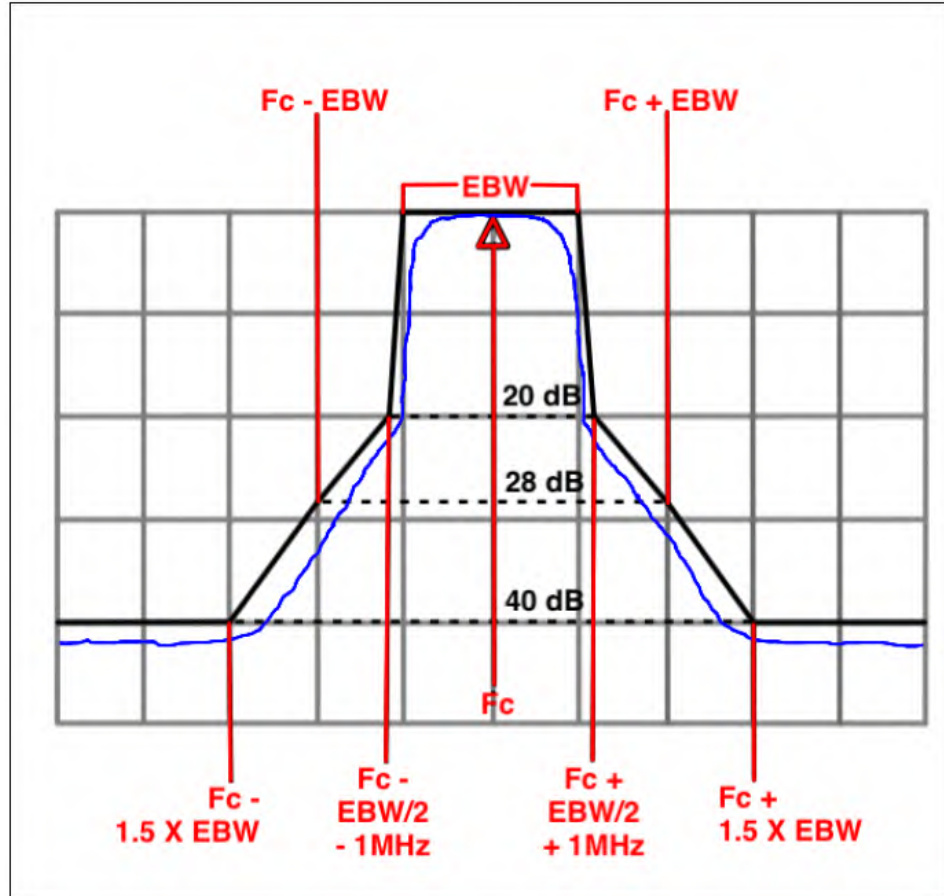
Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance 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( $20 \times \log(\text{standard distance}/\text{test distance}) = 20\log(3/1) = 9.54\text{dB}$ ).  
EX. Above 18GHz emission limit calculation (3m to 1m) = 54dBuV/m at 3m + 9.54dB = 63.54 dBuV/m at 1m.

| Un-restricted band emissions above 1GHz Limit |                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Frequency                                     | Limit                                                                                                                                                                                                                                                                                                                                                                                  |
| Any outside the 5.945 – 7.125 GHz emission    | e.i.r.p. -27 dBm [68.2 dBuV/m@3m]<br><br>Note 1: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m( $20 \times \log(\text{standard distance}/\text{test distance}) = 20\log(3/1) = 9.54\text{dB}$ ).<br>EX. Above 18GHz emission limit calculation (3m to 1m) = 68.2dBuV/m at 3m + 9.54dB = 77.74 dBuV/m at 1m.   |
| Frequency                                     | Emission MASK Limit                                                                                                                                                                                                                                                                                                                                                                    |
| 5.945 – 7.125 GHz                             | Power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the |

limits must be linearly interpolated between 20 dB and 28 dB suppression, and at frequencies between one and one- and one-half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB. The channel bandwidth is defined as 26 dB EBW.





### 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, clause G)2) for unwanted emissions into non-restricted bands.</li></ul>                                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <ul style="list-style-type: none"><li>Refer as FCC KDB 789033, clause G)1) for unwanted emissions into restricted bands.</li></ul>                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <input checked="" type="checkbox"/> Refer as FCC KDB 789033, G)6) Method AD (Trace Averaging).<br>(For unrestricted band measurement)                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <input type="checkbox"/> Refer as FCC KDB 789033, G)6) Method VB (Reduced VBW).                                                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <input checked="" type="checkbox"/> Refer as ANSI C63.10, clause 11.12.2.5.2.3 (Reduced VBW). VBW $\geq$ 1/T, where T is pulse time.( For restricted band average measurement) |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <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, clause G)5) measurement procedure peak limit.                                                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <input type="checkbox"/> Refer as ANSI C63.10, clause 4.1.5.2.2 measurement procedure peak limit.                                                                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <input checked="" type="checkbox"/> Refer as FCC KDB 789033, clause G)3)d)ii) for Band edge Integration measurements.                                                          |
| <ul style="list-style-type: none"><li>For emission MASK shall be measured using following options below:</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <input checked="" type="checkbox"/> Refer as KDB 987594 D02, J) In-Band Emissions                                                                                              |
| <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>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                |



| Test Method                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ▪ For conducted and cabinet radiation measurement, refer as FCC KDB 789033, clause G)3). |                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                                                          | ▪ For conducted unwanted emissions into non-restricted bands (relative emission limits).<br>Devices with multiple transmit chains:<br>Refer as FCC KDB 662911, when testing out-of-band and spurious emissions against relative emission limits, tests may be performed on each output individually without summing or adding 10 log(N) if the measurements are made relative to the in-band emissions on the individual outputs. |
|                                                                                          | ▪ For conducted unwanted emissions into restricted bands (absolute emission limits).<br>Devices with multiple transmit chains using options given below:<br>(1) Measure and sum the spectra across the outputs or<br>(2) Measure and add 10 log(N) dB                                                                                                                                                                             |
|                                                                                          | ▪ For FCC KDB 662911 The methodology described here may overestimate array gain, thereby resulting in apparent failures to satisfy the out-of-band limits even if the device is actually compliant. In such cases, compliance may be demonstrated by performing radiated tests around the frequencies at which the apparent failures occurred.                                                                                    |

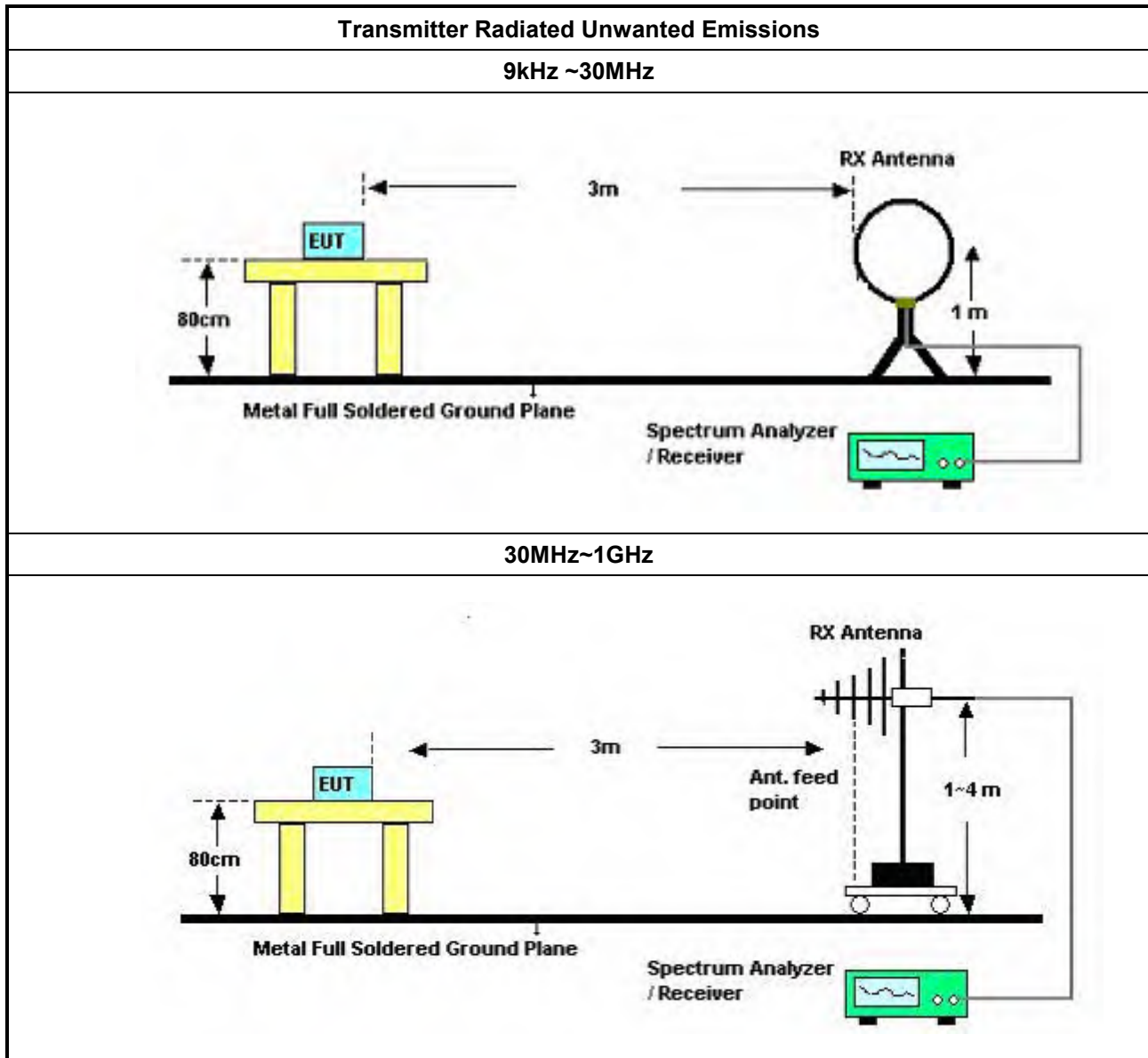
|                                                                           |                                                                                                                                                                                                         |
|---------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ▪ Use the following spectrum analyzer settings:                           |                                                                                                                                                                                                         |
|                                                                           | ▪ Set RBW=100 kHz for $f < 1$ GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.                                                                                               |
|                                                                           | ▪ Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement.<br>For average measurement, refer as 1.1.4.                                                                                       |
| ▪ KDB 414788 Open-Field Test Sites and Chamber Correlation Justification. |                                                                                                                                                                                                         |
|                                                                           | ▪ Based on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field. |
|                                                                           | ▪ Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.                                                                    |

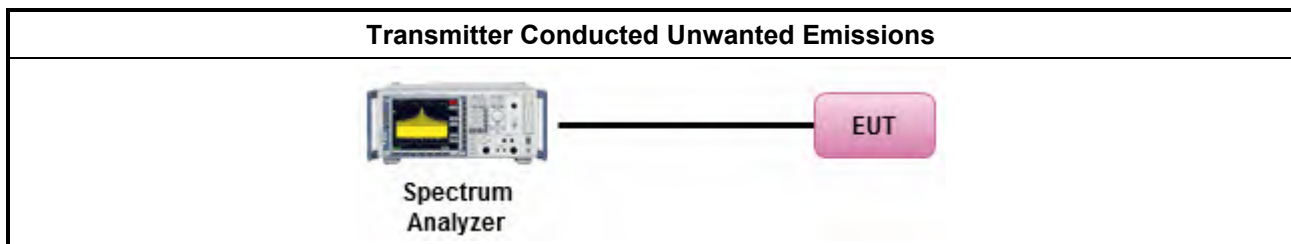
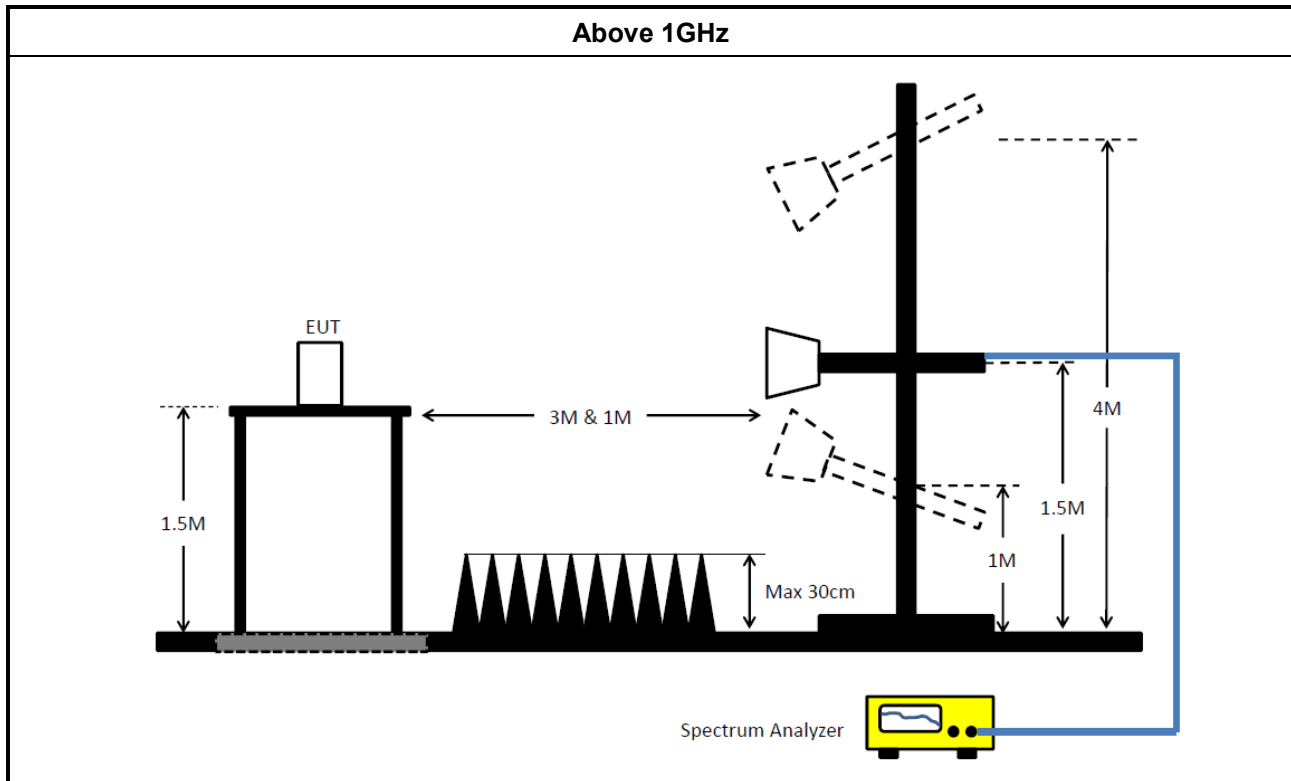
### 3.5.4 Measurement Results Calculation

The measured Level is calculated using:

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

### 3.5.5 Test Setup





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

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

### 3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E



## 4 Test Equipment and Calibration Data

### Instrument for AC Conduction

| Instrument                     | Manufacturer /Brand | Model No.   | Serial No.    | Spec.         | Calibration Date | Calibration Due Date |
|--------------------------------|---------------------|-------------|---------------|---------------|------------------|----------------------|
| EMI Test Receiver              | ROHDE & SCHWARZ     | ESR3        | 102051        | 9kHz ~ 3.6GHz | 21/May/2025      | 20/May/2026          |
| Two-Line V-Network             | ROHDE & SCHWARZ     | ENV 216     | 100003        | 9kHz ~ 30MHz  | 18/Apr/2025      | 17/Apr/2026          |
| RF Cable 5m                    | TITAN               | TITAN       | CO04-cable-01 | 9 kHz~200MHz  | 26/Feb/2025      | 25/Feb/2026          |
| Impuls Begrenzer Pulse Limiter | SCHWARZBECK         | VTSD 9561-F | 9561-F041     | 9kHz ~ 30MHz  | 17/Oct/2024      | 16/Oct/2025          |
| Software                       | Sporton             | SENSE-EMI   | V5.11.6       | -             | NCR              | NCR                  |

**NCR: No Calibration Required**

### Instrument for Conducted Test

| Instrument               | Manufacturer /Brand | Model No. | Serial No. | Spec.        | Calibration Date | Calibration Due Date |
|--------------------------|---------------------|-----------|------------|--------------|------------------|----------------------|
| Signal Analyzer          | R&S                 | FSV 40    | 101029     | 10Hz~40GHz   | 28/Oct/2024      | 27/Oct/2025          |
| SMB100A Signal Generator | R&S                 | SMB100A   | 181147     | 100kHz~40GHz | 16/Oct/2024      | 15/Oct/2025          |
| Power Meter              | Anritsu             | ML2495A   | 1124009    | 300MHz~40GHz | 28/Mar/2025      | 27/Mar/2026          |
| Pulse Sensor             | Anritsu             | MA2411B   | 1027452    | 300MHz~40GHz | 28/Mar/2025      | 27/Mar/2026          |
| SENSE-15407_NII          | Sporton             | V5.11.24  | N/A        | N/A          | N/A              | N/A                  |

**Instrument for Radiated Test**

| Instrument                       | Manufacturer /Brand | Model No.                  | Serial No.      | Spec.         | Calibration Date | Calibration Due Date |
|----------------------------------|---------------------|----------------------------|-----------------|---------------|------------------|----------------------|
| 3m Semi Anechoic Chamber         | TDK                 | SAC-3M                     | 03CH24-HY       | 30MHz~1GHz 3m | 16/Aug/2024      | 15/Aug/2025          |
| 3m Semi Anechoic Chamber         | TDK                 | SAC-3M                     | 03CH24-HY       | 1GHz~18GHz 3m | 30/Jul/2024      | 29/Jul/2025          |
| EMI Test Receiver                | ROHDE & SCHWARZ     | ESR                        | 102318          | 9kHz~3.6GHz   | 06/Dec/2024      | 05/Dec/2025          |
| Signal Analyzer                  | ROHDE & SCHWARZ     | FSV3044                    | 101345          | 10Hz~44GHz    | 27/Aug/2024      | 26/Aug/2025          |
| Loop Antenna                     | TESEQ               | HLA 6120                   | 31244           | 9kHz~30MHz    | 20/Mar/2025      | 19/Mar/2026          |
| Bilog Antenna & 6dB Attenuator   | TESEQ / Woken       | CBL 6112D / 00800N1D01N-06 | 35376 / 02      | 30MHz~1GHz    | 13/Apr/2025      | 12/Apr/2026          |
| Double Ridged Guide Horn Antenna | SCHWARZBECK         | BBHA 9120 D                | 02744           | 1GHz~18GHz    | 15/Aug/2024      | 14/Aug/2025          |
| Broadband Horn Antenna           | SCHWARZBECK         | BBHA 9170                  | 01248           | 18GHz~40GHz   | 04/Oct/2024      | 03/Oct/2025          |
| RF Cable                         | HUBER+SUHNER        | SUOFLEX 104                | 03CH24-cable-01 | 9kHz~40GHz    | 01/Oct/2024      | 30/Sep/2025          |
| Pre-Amplifier                    | Aglient             | 8447D                      | 2944A06292      | 30MHz~1GHz    | 08/Apr/2025      | 07/Apr/2026          |
| Amplifier                        | EM                  | EM01G18G                   | 060870          | 1GHz ~18GHz   | 12/Aug/2024      | 11/Aug/2025          |
| Amplifier                        | EM                  | EM18G40GA                  | 060874          | 18GHz ~40GHz  | 18/Apr/2025      | 17/Apr/2026          |
| SENSE-15407-NII                  | Sporton             | V5.11.24                   | NA              | NA            | NA               | NA                   |

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

| Instrument                       | Manufacturer /Brand | Model No.    | Serial No.      | Spec.         | Calibration Date | Calibration Due Date |
|----------------------------------|---------------------|--------------|-----------------|---------------|------------------|----------------------|
| Site V.S.W.R                     | SIDT FRANKONIA      | SAC-3M       | 03CH02-HY       | 1GHz~18GHz 3M | 12/Jul/2025      | 11/Jul/2026          |
| Signal Analyzer                  | ROHDE & SCHWARZ     | FSV3044      | 101750          | 10Hz~44GHz    | 10/Apr/2025      | 09/Apr/2026          |
| Double Ridged Guide Horn Antenna | SCHWARZBECK         | BBHA 9120 D  | 02268           | 1GHz~18GHz    | 23/Sep/2024      | 22/Sep/2025          |
| Broadband Horn Antenna           | SCHWARZBECK         | BBHA 9170    | BBHA 9170154    | 18GHz~40GHz   | 02/Jul/2025      | 01/Jul/2026          |
| RF Cable-R03m                    | HUBER+SUHNER        | SUCOFLEX 104 | 03CH02-cable-04 | 1GHz~40GHz    | 17/Jul/2025      | 16/Jul/2026          |
| Microwave Preamplifier           | Agilent             | 8449B        | 3008A02373      | 1GHz~26.5GHz  | 01/Oct/2024      | 30/Sep/2025          |
| Microwave Preamplifier           | EMC INSTRUMENTS     | EM18G40G     | 060604          | 18GHz ~40GHz  | 26/Apr/2025      | 25/Apr/2026          |
| SENSE-EMI                        | Sporton             | V5.11.9      | N/A             | N/A           | N/A              | N/A                  |



## Conducted Emissions at Powerline\_Non-Beamforming\_Radio 3 Appendix A.1

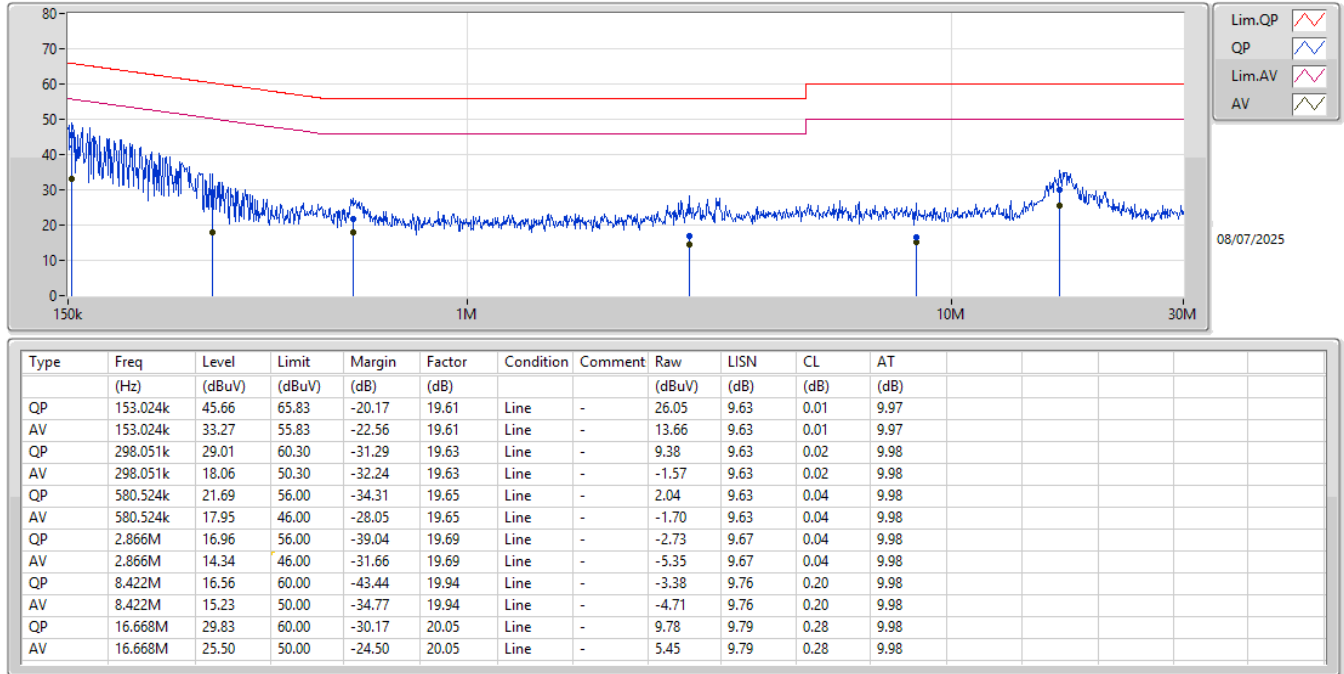
### Summary

| Mode   | Result | Type | Freq<br>(Hz) | Level<br>(dBuV) | Limit<br>(dBuV) | Margin<br>(dB) | Condition |
|--------|--------|------|--------------|-----------------|-----------------|----------------|-----------|
| Mode 1 | Pass   | QP   | 156.109k     | 46.33           | 65.67           | -19.34         | Neutral   |

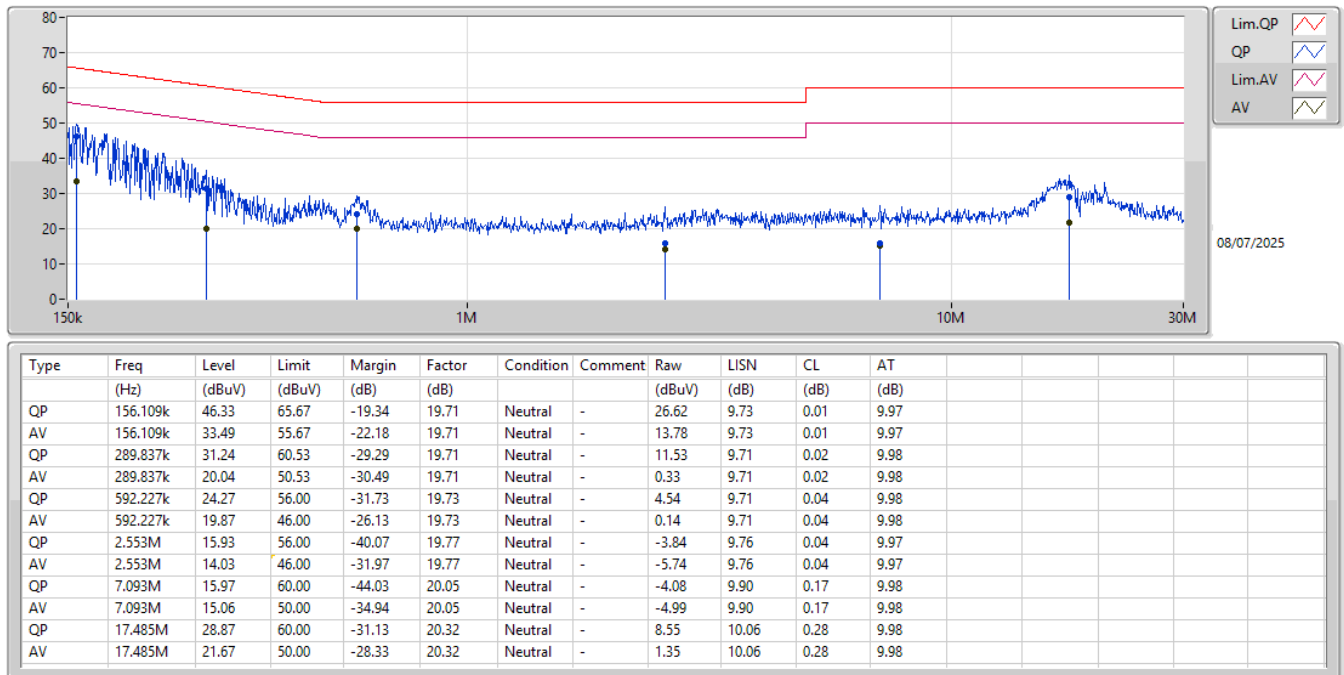
## Result

| Mode   | Result | Type | Freq (Hz) | Level (dBuV) | Limit (dBuV) | Margin (dB) | Condition | Comments |
|--------|--------|------|-----------|--------------|--------------|-------------|-----------|----------|
| Mode 1 | Pass   | QP   | 153.024k  | 45.66        | 65.83        | -20.17      | Line      | -        |
| Mode 1 | Pass   | AV   | 153.024k  | 33.27        | 55.83        | -22.56      | Line      | -        |
| Mode 1 | Pass   | QP   | 298.051k  | 29.01        | 60.30        | -31.29      | Line      | -        |
| Mode 1 | Pass   | AV   | 298.051k  | 18.06        | 50.30        | -32.24      | Line      | -        |
| Mode 1 | Pass   | QP   | 580.524k  | 21.69        | 56.00        | -34.31      | Line      | -        |
| Mode 1 | Pass   | AV   | 580.524k  | 17.95        | 46.00        | -28.05      | Line      | -        |
| Mode 1 | Pass   | QP   | 2.866M    | 16.96        | 56.00        | -39.04      | Line      | -        |
| Mode 1 | Pass   | AV   | 2.866M    | 14.34        | 46.00        | -31.66      | Line      | -        |
| Mode 1 | Pass   | QP   | 8.422M    | 16.56        | 60.00        | -43.44      | Line      | -        |
| Mode 1 | Pass   | AV   | 8.422M    | 15.23        | 50.00        | -34.77      | Line      | -        |
| Mode 1 | Pass   | QP   | 16.668M   | 29.83        | 60.00        | -30.17      | Line      | -        |
| Mode 1 | Pass   | AV   | 16.668M   | 25.50        | 50.00        | -24.50      | Line      | -        |
| Mode 1 | Pass   | QP   | 156.109k  | 46.33        | 65.67        | -19.34      | Neutral   | -        |
| Mode 1 | Pass   | AV   | 156.109k  | 33.49        | 55.67        | -22.18      | Neutral   | -        |
| Mode 1 | Pass   | QP   | 289.837k  | 31.24        | 60.53        | -29.29      | Neutral   | -        |
| Mode 1 | Pass   | AV   | 289.837k  | 20.04        | 50.53        | -30.49      | Neutral   | -        |
| Mode 1 | Pass   | QP   | 592.227k  | 24.27        | 56.00        | -31.73      | Neutral   | -        |
| Mode 1 | Pass   | AV   | 592.227k  | 19.87        | 46.00        | -26.13      | Neutral   | -        |
| Mode 1 | Pass   | QP   | 2.553M    | 15.93        | 56.00        | -40.07      | Neutral   | -        |
| Mode 1 | Pass   | AV   | 2.553M    | 14.03        | 46.00        | -31.97      | Neutral   | -        |
| Mode 1 | Pass   | QP   | 7.093M    | 15.97        | 60.00        | -44.03      | Neutral   | -        |
| Mode 1 | Pass   | AV   | 7.093M    | 15.06        | 50.00        | -34.94      | Neutral   | -        |
| Mode 1 | Pass   | QP   | 17.485M   | 28.87        | 60.00        | -31.13      | Neutral   | -        |
| Mode 1 | Pass   | AV   | 17.485M   | 21.67        | 50.00        | -28.33      | Neutral   | -        |

## Conducted Emissions at Powerline\_Mode 1



## Conducted Emissions at Powerline\_Mode 1





## Conducted Emissions at Powerline\_Non-Beamforming\_ Scan Radio

### Appendix A.2

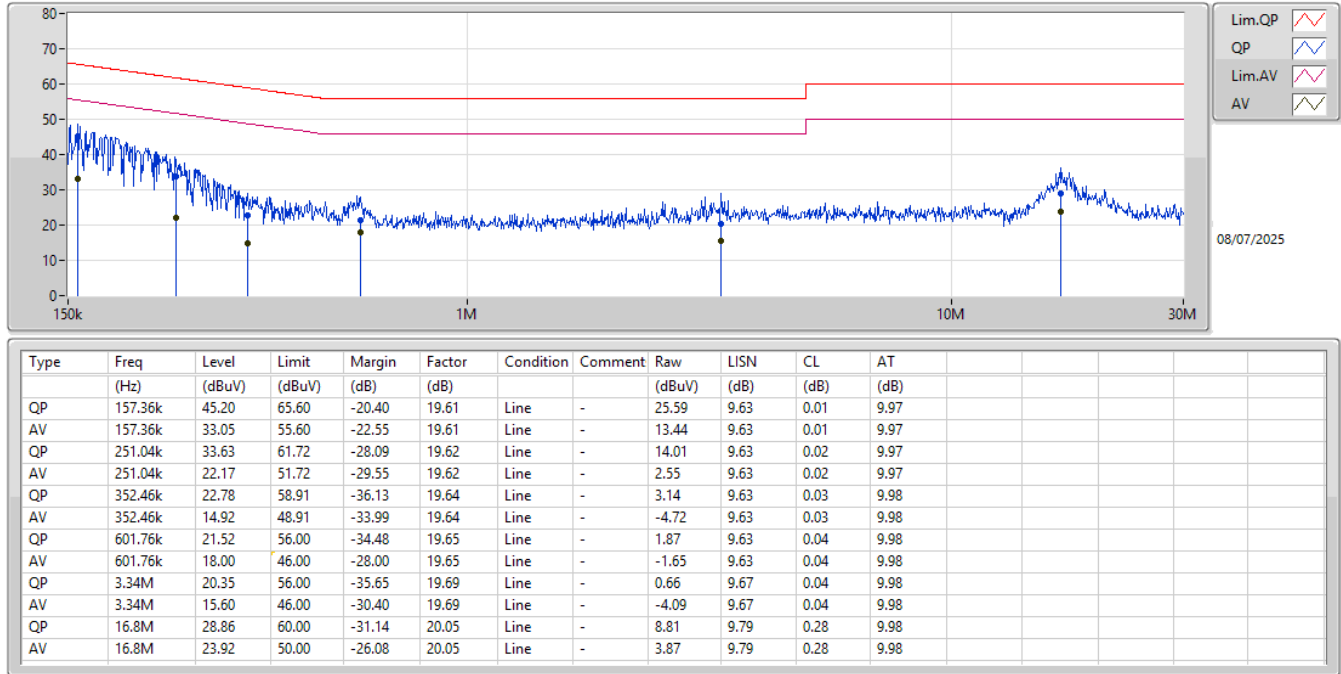
#### Summary

| Mode   | Result | Type | Freq<br>(Hz) | Level<br>(dBuV) | Limit<br>(dBuV) | Margin<br>(dB) | Condition |
|--------|--------|------|--------------|-----------------|-----------------|----------------|-----------|
| Mode 1 | Pass   | QP   | 154.868k     | 46.41           | 65.73           | -19.32         | Neutral   |

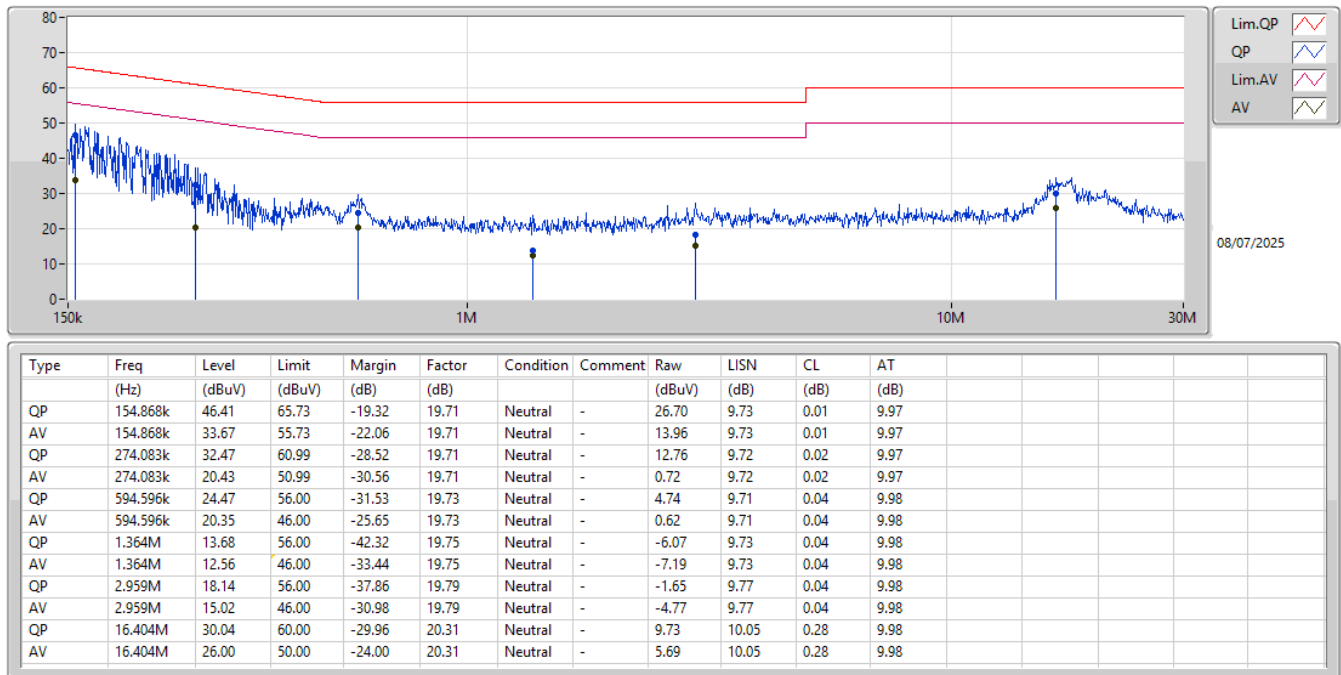
**Result**

| Mode   | Result | Type | Freq<br>(Hz) | Level<br>(dBuV) | Limit<br>(dBuV) | Margin<br>(dB) | Condition | Comments |
|--------|--------|------|--------------|-----------------|-----------------|----------------|-----------|----------|
| Mode 1 | Pass   | QP   | 157.36k      | 45.20           | 65.60           | -20.40         | Line      | -        |
| Mode 1 | Pass   | AV   | 157.36k      | 33.05           | 55.60           | -22.55         | Line      | -        |
| Mode 1 | Pass   | QP   | 251.04k      | 33.63           | 61.72           | -28.09         | Line      | -        |
| Mode 1 | Pass   | AV   | 251.04k      | 22.17           | 51.72           | -29.55         | Line      | -        |
| Mode 1 | Pass   | QP   | 352.46k      | 22.78           | 58.91           | -36.13         | Line      | -        |
| Mode 1 | Pass   | AV   | 352.46k      | 14.92           | 48.91           | -33.99         | Line      | -        |
| Mode 1 | Pass   | QP   | 601.76k      | 21.52           | 56.00           | -34.48         | Line      | -        |
| Mode 1 | Pass   | AV   | 601.76k      | 18.00           | 46.00           | -28.00         | Line      | -        |
| Mode 1 | Pass   | QP   | 3.34M        | 20.35           | 56.00           | -35.65         | Line      | -        |
| Mode 1 | Pass   | AV   | 3.34M        | 15.60           | 46.00           | -30.40         | Line      | -        |
| Mode 1 | Pass   | QP   | 16.8M        | 28.86           | 60.00           | -31.14         | Line      | -        |
| Mode 1 | Pass   | AV   | 16.8M        | 23.92           | 50.00           | -26.08         | Line      | -        |
| Mode 1 | Pass   | QP   | 154.868k     | 46.41           | 65.73           | -19.32         | Neutral   | -        |
| Mode 1 | Pass   | AV   | 154.868k     | 33.67           | 55.73           | -22.06         | Neutral   | -        |
| Mode 1 | Pass   | QP   | 274.083k     | 32.47           | 60.99           | -28.52         | Neutral   | -        |
| Mode 1 | Pass   | AV   | 274.083k     | 20.43           | 50.99           | -30.56         | Neutral   | -        |
| Mode 1 | Pass   | QP   | 594.596k     | 24.47           | 56.00           | -31.53         | Neutral   | -        |
| Mode 1 | Pass   | AV   | 594.596k     | 20.35           | 46.00           | -25.65         | Neutral   | -        |
| Mode 1 | Pass   | QP   | 1.364M       | 13.68           | 56.00           | -42.32         | Neutral   | -        |
| Mode 1 | Pass   | AV   | 1.364M       | 12.56           | 46.00           | -33.44         | Neutral   | -        |
| Mode 1 | Pass   | QP   | 2.959M       | 18.14           | 56.00           | -37.86         | Neutral   | -        |
| Mode 1 | Pass   | AV   | 2.959M       | 15.02           | 46.00           | -30.98         | Neutral   | -        |
| Mode 1 | Pass   | QP   | 16.404M      | 30.04           | 60.00           | -29.96         | Neutral   | -        |
| Mode 1 | Pass   | AV   | 16.404M      | 26.00           | 50.00           | -24.00         | Neutral   | -        |

### Conducted Emissions at Powerline\_Mode 1



### Conducted Emissions at Powerline\_Mode 1





# EBW\_Non-Beamforming\_ Radio 3\_Directional Patch\_1T1S\_Full RU

## Appendix B.1

### Summary

| Mode                                   | Max-N dB<br>(Hz) | Max-OBW<br>(Hz) | ITU-Code | Min-N dB<br>(Hz) | Min-OBW<br>(Hz) |
|----------------------------------------|------------------|-----------------|----------|------------------|-----------------|
| 5.925-6.425GHz                         | -                | -               | -        | -                | -               |
| 802.11be EHT20_Nss1,(MCS0)_1TX(Port3)  | 23.32M           | 19.04M          | 19M0D1D  | 21.56M           | 18.941M         |
| 802.11be EHT40_Nss1,(MCS0)_1TX(Port3)  | 43.78M           | 37.981M         | 38M0D1D  | 42.79M           | 37.881M         |
| 802.11be EHT80_Nss1,(MCS0)_1TX(Port3)  | 87.56M           | 77.761M         | 77M8D1D  | 84.7M            | 77.561M         |
| 802.11be EHT160_Nss1,(MCS0)_1TX(Port3) | 170.72M          | 157.321M        | 157MD1D  | 167.2M           | 156.922M        |
| 6.525-6.875GHz                         | -                | -               | -        | -                | -               |
| 802.11be EHT20_Nss1,(MCS0)_1TX(Port3)  | 21.78M           | 19.09M          | 19M1D1D  | 20.79M           | 18.966M         |
| 802.11be EHT40_Nss1,(MCS0)_1TX(Port3)  | 42.9M            | 38.031M         | 38M0D1D  | 42.02M           | 37.981M         |
| 802.11be EHT80_Nss1,(MCS0)_1TX(Port3)  | 88M              | 77.761M         | 77M8D1D  | 84.7M            | 77.661M         |
| 802.11be EHT160_Nss1,(MCS0)_1TX(Port3) | 172.92M          | 157.321M        | 157MD1D  | 172.92M          | 157.321M        |

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



# EBW\_Non-Beamforming\_ Radio 3\_Directional Patch\_1T1S\_Full RU

## Appendix B.1

### Result

| Mode                                   | Result | Limit<br>(Hz) | Port 3-N dB<br>(Hz) | Port 3-OBW<br>(Hz) |
|----------------------------------------|--------|---------------|---------------------|--------------------|
| 802.11be EHT20_Nss1,(MCS0)_1TX(Port3)  | -      | -             | -                   | -                  |
| 5955MHz                                | Pass   | Inf           | 23.32M              | 19.04M             |
| 6195MHz                                | Pass   | Inf           | 21.945M             | 18.941M            |
| 6415MHz                                | Pass   | Inf           | 21.56M              | 18.966M            |
| 6535MHz                                | Pass   | Inf           | 21.395M             | 19.09M             |
| 6695MHz                                | Pass   | Inf           | 21.78M              | 18.966M            |
| 6855MHz                                | Pass   | Inf           | 20.79M              | 18.991M            |
| 802.11be EHT40_Nss1,(MCS0)_1TX(Port3)  | -      | -             | -                   | -                  |
| 5965MHz                                | Pass   | Inf           | 42.9M               | 37.981M            |
| 6205MHz                                | Pass   | Inf           | 42.79M              | 37.931M            |
| 6405MHz                                | Pass   | Inf           | 43.78M              | 37.881M            |
| 6565MHz                                | Pass   | Inf           | 42.79M              | 37.981M            |
| 6685MHz                                | Pass   | Inf           | 42.02M              | 37.981M            |
| 6845MHz                                | Pass   | Inf           | 42.9M               | 38.031M            |
| 802.11be EHT80_Nss1,(MCS0)_1TX(Port3)  | -      | -             | -                   | -                  |
| 5985MHz                                | Pass   | Inf           | 87.56M              | 77.761M            |
| 6225MHz                                | Pass   | Inf           | 85.58M              | 77.561M            |
| 6385MHz                                | Pass   | Inf           | 84.7M               | 77.761M            |
| 6625MHz                                | Pass   | Inf           | 86.9M               | 77.761M            |
| 6705MHz                                | Pass   | Inf           | 84.7M               | 77.761M            |
| 6785MHz                                | Pass   | Inf           | 88M                 | 77.661M            |
| 802.11be EHT160_Nss1,(MCS0)_1TX(Port3) | -      | -             | -                   | -                  |
| 6025MHz                                | Pass   | Inf           | 170.72M             | 156.922M           |
| 6185MHz                                | Pass   | Inf           | 170.28M             | 157.321M           |
| 6345MHz                                | Pass   | Inf           | 167.2M              | 156.922M           |
| 6665MHz                                | Pass   | Inf           | 172.92M             | 157.321M           |

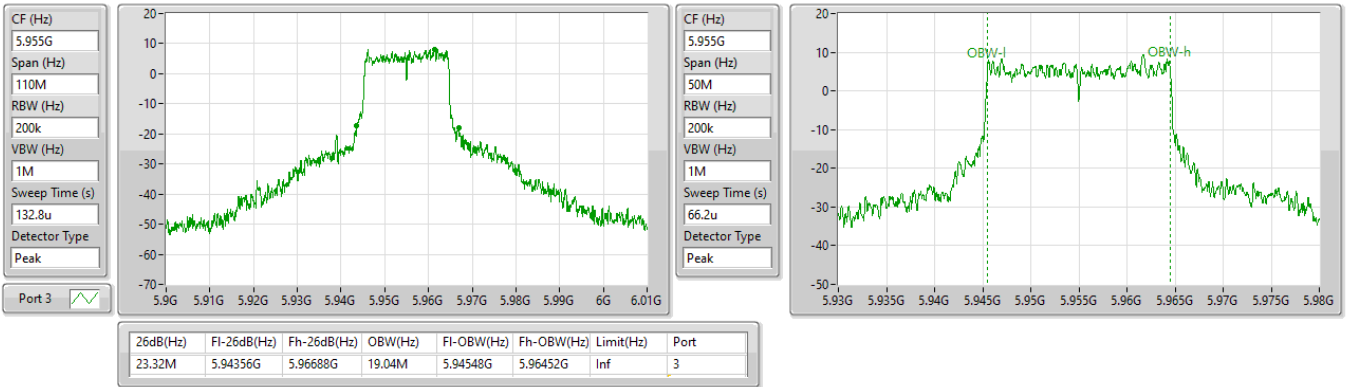
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band  
Port X-OBW = Port X 99% occupied bandwidth

5.925-6.425GHz\_802.11be EHT20\_Nss1,(MCS0)\_1TX(Port3)

EBW

5955MHz

18/06/2025

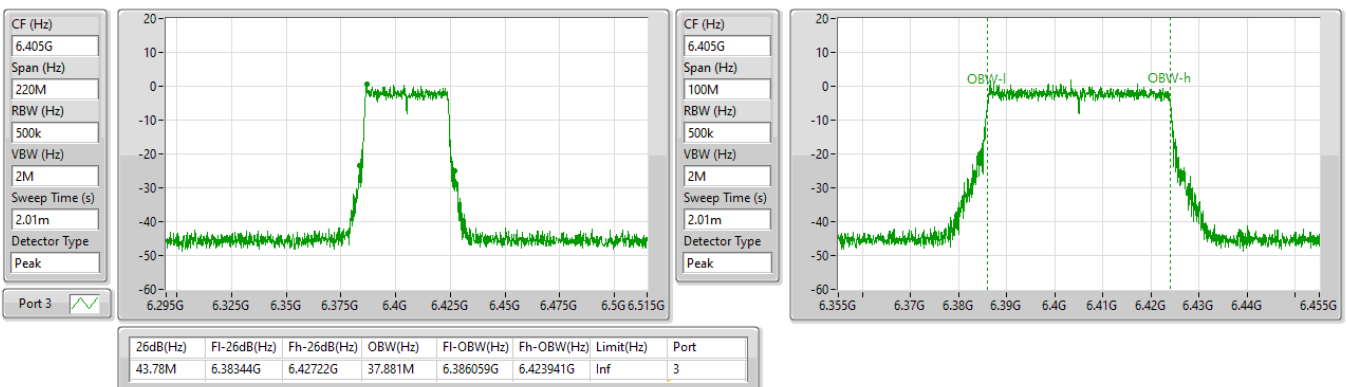


5.925-6.425GHz\_802.11be EHT40\_Nss1,(MCS0)\_1TX(Port3)

EBW

6405MHz

19/06/2025

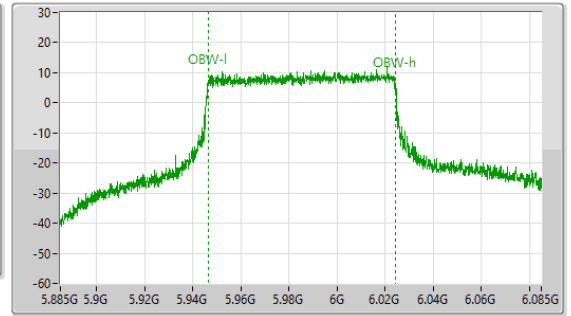
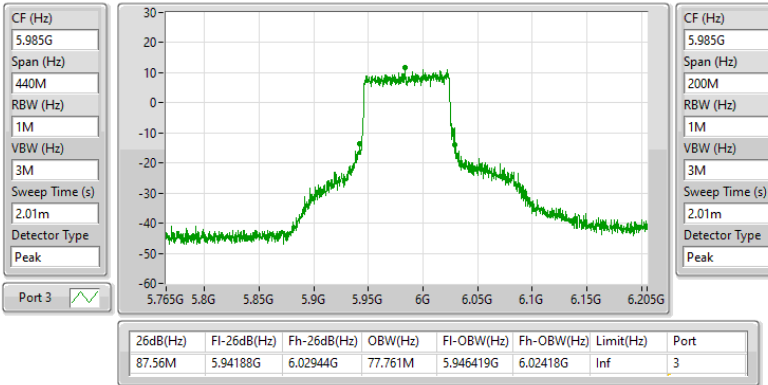


5.925-6.425GHz\_802.11be EHT80\_Nss1,(MCS0)\_1TX(Port3)

EBW

5985MHz

19/06/2025

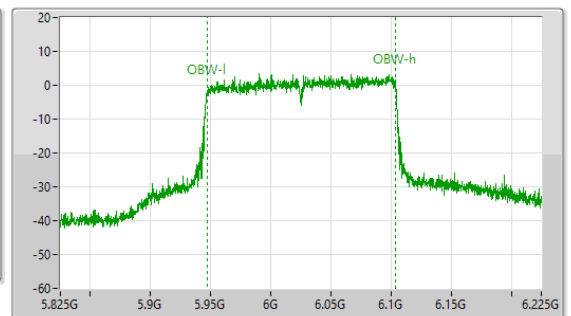
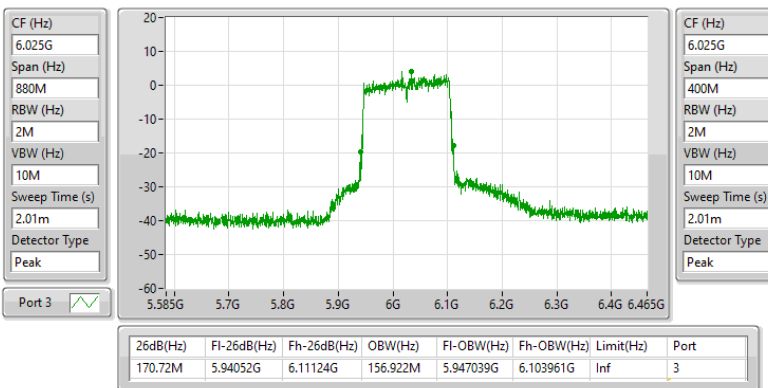


5.925-6.425GHz\_802.11be EHT160\_Nss1,(MCS0)\_1TX(Port3)

EBW

6025MHz

19/06/2025

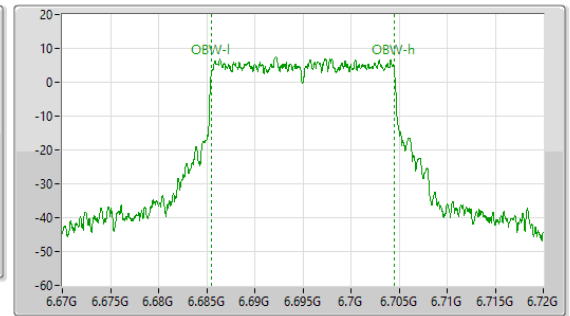
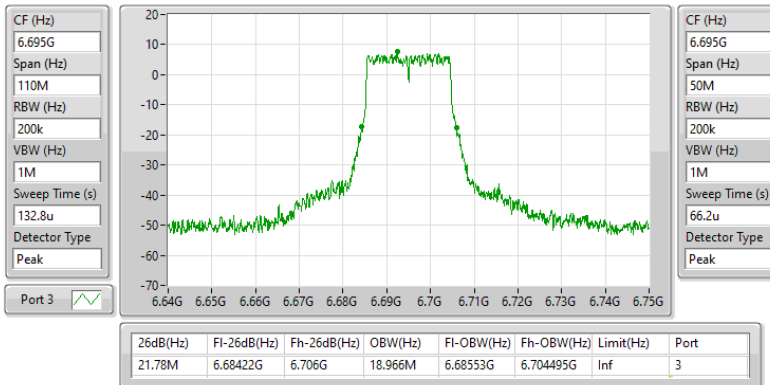


6.525-6.875GHz\_802.11be EHT20\_Nss1,(MCS0)\_1TX(Port3)

EBW

6695MHz

18/06/2025

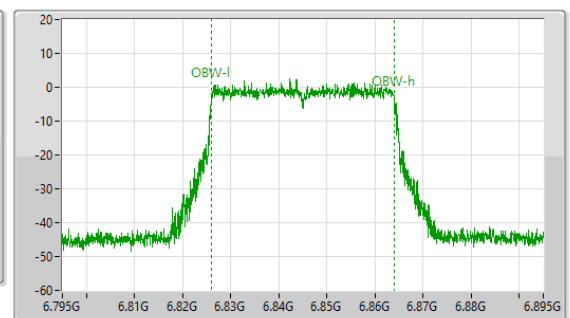
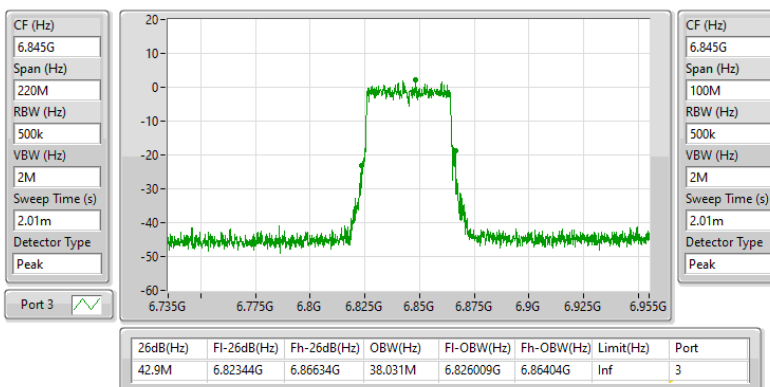


6.525-6.875GHz\_802.11be EHT40\_Nss1,(MCS0)\_1TX(Port3)

EBW

6845MHz

19/06/2025

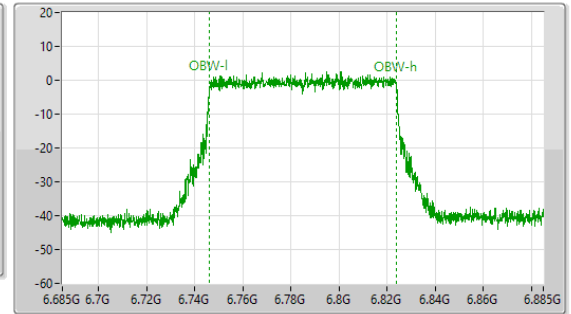
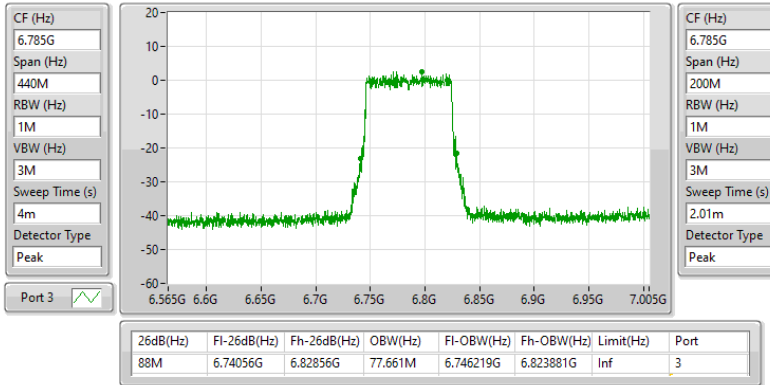


6.525-6.875GHz\_802.11be EHT80\_Nss1,(MCS0)\_1TX(Port3)

EBW

6785MHz

19/06/2025

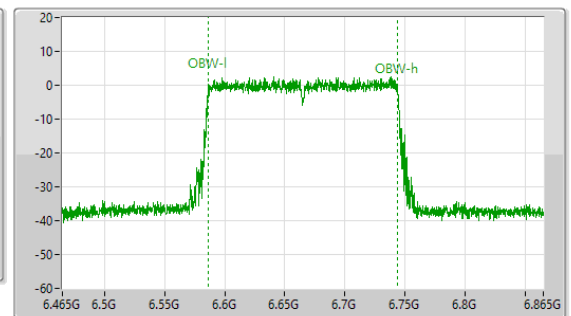
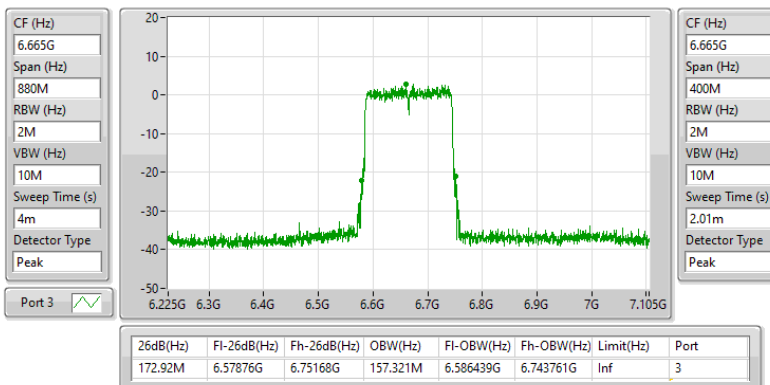


6.525-6.875GHz\_802.11be EHT160\_Nss1,(MCS0)\_1TX(Port3)

EBW

6665MHz

19/06/2025





# EBW\_Non-Beamforming\_ Radio 3\_Directional Patch\_2T1S\_Full RU

## Appendix B.2

### Summary

| Mode                                         | Max-N dB<br>(Hz) | Max-OBW<br>(Hz) | ITU-Code | Min-N dB<br>(Hz) | Min-OBW<br>(Hz) |
|----------------------------------------------|------------------|-----------------|----------|------------------|-----------------|
| 5.925-6.425GHz                               | -                | -               | -        | -                | -               |
| 802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)  | 23.045M          | 19.09M          | 19M1D1D  | 21.285M          | 19.015M         |
| 802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)  | 44.11M           | 38.081M         | 38M1D1D  | 42.02M           | 37.981M         |
| 802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)  | 90.42M           | 77.861M         | 77M9D1D  | 86.02M           | 77.561M         |
| 802.11be EHT160_Nss1,(MCS0)_2TX(Port2&Port3) | 172.92M          | 157.121M        | 157MD1D  | 167.2M           | 156.722M        |
| 6.525-6.875GHz                               | -                | -               | -        | -                | -               |
| 802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)  | 22.77M           | 19.065M         | 19M1D1D  | 21.34M           | 19.015M         |
| 802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)  | 44.44M           | 38.081M         | 38M1D1D  | 42.79M           | 37.981M         |
| 802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)  | 89.54M           | 77.861M         | 77M9D1D  | 84.04M           | 77.661M         |
| 802.11be EHT160_Nss1,(MCS0)_2TX(Port2&Port3) | 172.92M          | 156.922M        | 157MD1D  | 168.96M          | 156.922M        |

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



# EBW\_Non-Beamforming\_ Radio 3\_Directional Patch\_2T1S\_Full RU

## Appendix B.2

### Result

| Mode                                         | Result | Limit<br>(Hz) | Port 2-N dB<br>(Hz) | Port 2-OBW<br>(Hz) | Port 3-N dB<br>(Hz) | Port 3-OBW<br>(Hz) |
|----------------------------------------------|--------|---------------|---------------------|--------------------|---------------------|--------------------|
| 802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)  | -      | -             | -                   | -                  | -                   | -                  |
| 5955MHz                                      | Pass   | Inf           | 22M                 | 19.015M            | 22.55M              | 19.065M            |
| 6195MHz                                      | Pass   | Inf           | 23.045M             | 19.09M             | 21.945M             | 19.04M             |
| 6415MHz                                      | Pass   | Inf           | 22.165M             | 19.015M            | 21.285M             | 19.09M             |
| 6535MHz                                      | Pass   | Inf           | 22.55M              | 19.04M             | 22.165M             | 19.065M            |
| 6695MHz                                      | Pass   | Inf           | 21.34M              | 19.04M             | 22.385M             | 19.015M            |
| 6855MHz                                      | Pass   | Inf           | 22.77M              | 19.065M            | 22M                 | 19.04M             |
| 802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)  | -      | -             | -                   | -                  | -                   | -                  |
| 5965MHz                                      | Pass   | Inf           | 43.12M              | 37.981M            | 42.02M              | 38.031M            |
| 6205MHz                                      | Pass   | Inf           | 42.57M              | 38.031M            | 42.79M              | 38.081M            |
| 6405MHz                                      | Pass   | Inf           | 44.11M              | 38.031M            | 43.12M              | 37.981M            |
| 6565MHz                                      | Pass   | Inf           | 43.34M              | 37.981M            | 44M                 | 38.031M            |
| 6685MHz                                      | Pass   | Inf           | 43.56M              | 38.031M            | 44.44M              | 37.981M            |
| 6845MHz                                      | Pass   | Inf           | 43.67M              | 38.031M            | 42.79M              | 38.081M            |
| 802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)  | -      | -             | -                   | -                  | -                   | -                  |
| 5985MHz                                      | Pass   | Inf           | 86.02M              | 77.561M            | 87.34M              | 77.861M            |
| 6225MHz                                      | Pass   | Inf           | 88.44M              | 77.761M            | 89.76M              | 77.761M            |
| 6385MHz                                      | Pass   | Inf           | 90.42M              | 77.661M            | 86.9M               | 77.661M            |
| 6625MHz                                      | Pass   | Inf           | 87.12M              | 77.661M            | 85.14M              | 77.761M            |
| 6705MHz                                      | Pass   | Inf           | 88.44M              | 77.761M            | 84.04M              | 77.661M            |
| 6785MHz                                      | Pass   | Inf           | 89.54M              | 77.861M            | 88.22M              | 77.661M            |
| 802.11be EHT160_Nss1,(MCS0)_2TX(Port2&Port3) | -      | -             | -                   | -                  | -                   | -                  |
| 6025MHz                                      | Pass   | Inf           | 168.96M             | 156.722M           | 170.28M             | 156.922M           |
| 6185MHz                                      | Pass   | Inf           | 172.92M             | 156.922M           | 169.84M             | 157.121M           |
| 6345MHz                                      | Pass   | Inf           | 167.2M              | 156.922M           | 168.96M             | 156.922M           |
| 6665MHz                                      | Pass   | Inf           | 172.92M             | 156.922M           | 168.96M             | 156.922M           |

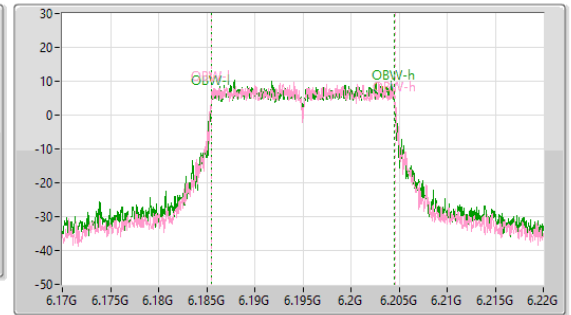
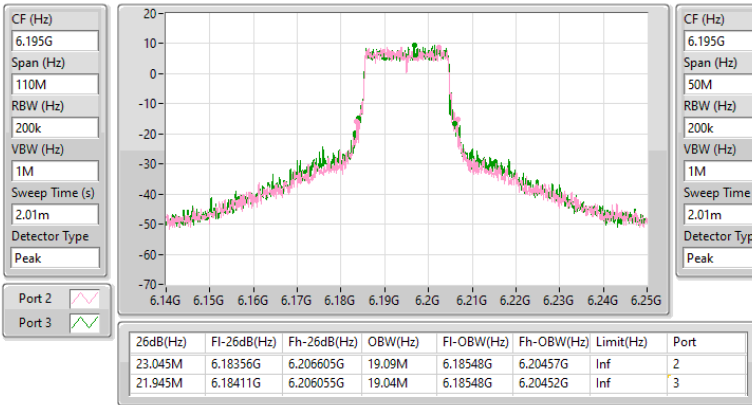
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band  
Port X-OBW = Port X 99% occupied bandwidth

5.925-6.425GHz\_802.11be EHT20\_Nss1,(MCS0)\_2TX(Port2&Port3)

EBW

6195MHz

18/06/2025

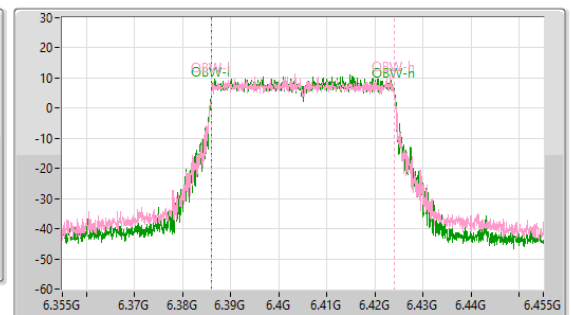
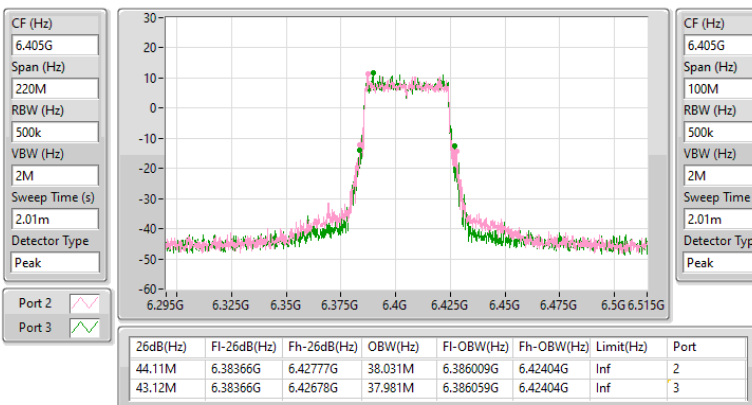


5.925-6.425GHz\_802.11be EHT40\_Nss1,(MCS0)\_2TX(Port2&Port3)

EBW

6405MHz

18/06/2025

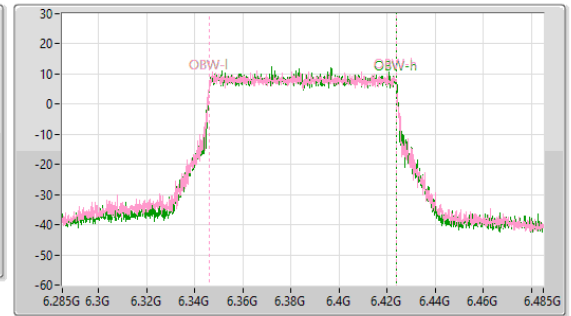
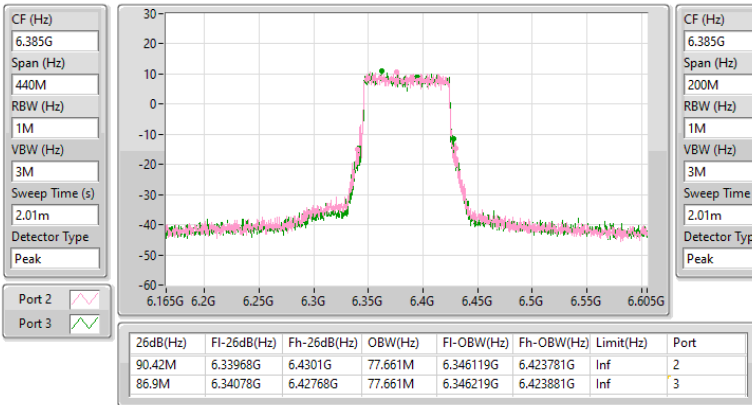


5.925-6.425GHz\_802.11be EHT80\_Nss1,(MCS0)\_2TX(Port2&Port3)

EBW

6385MHz

18/06/2025

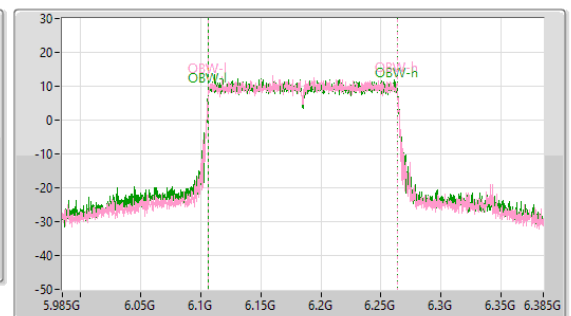
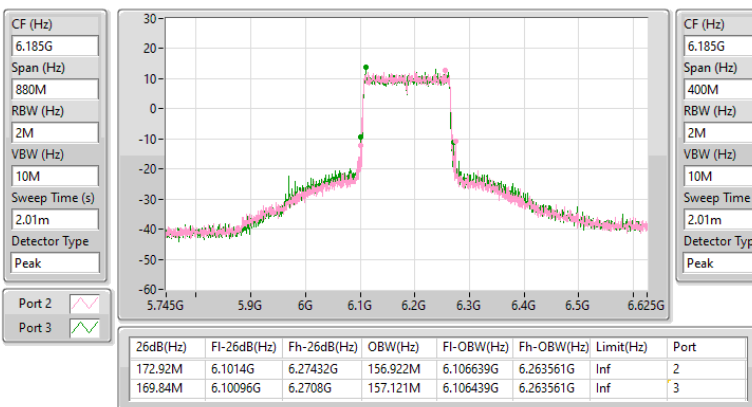


5.925-6.425GHz\_802.11be EHT160\_Nss1,(MCS0)\_2TX(Port2&Port3)

EBW

6185MHz

18/06/2025

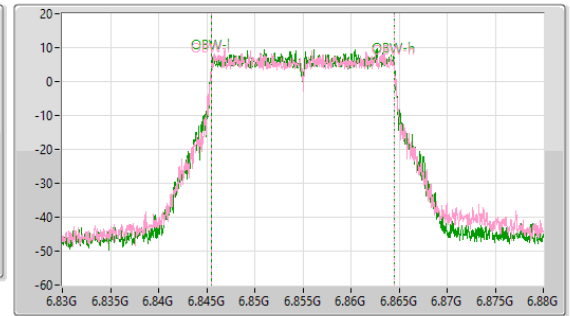
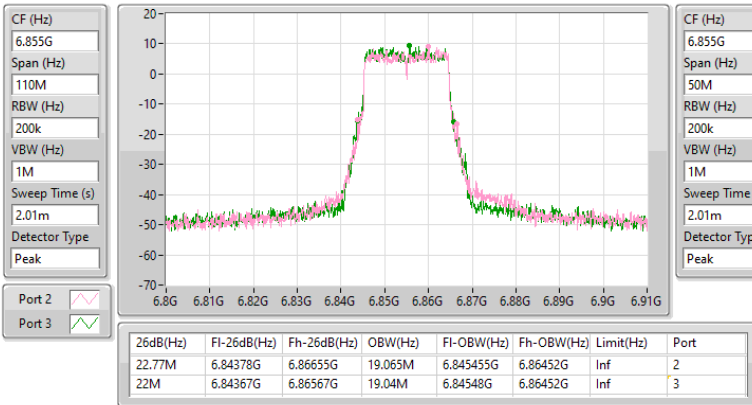


6.525-6.875GHz\_802.11be EHT20\_Nss1,(MCS0)\_2TX(Port2&Port3)

EBW

6855MHz

18/06/2025

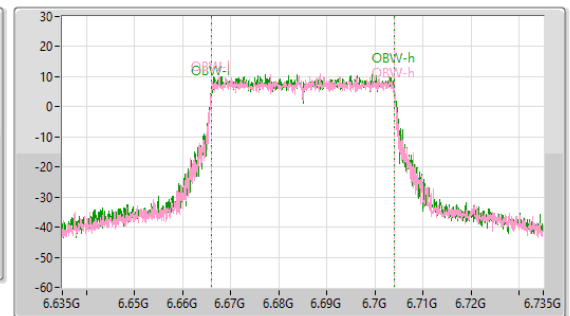
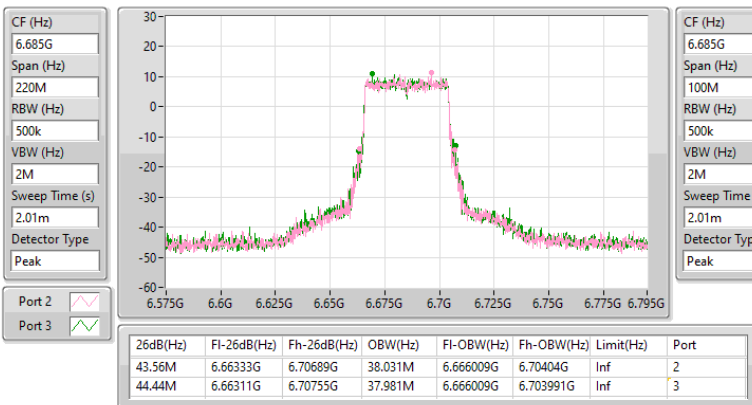


6.525-6.875GHz\_802.11be EHT40\_Nss1,(MCS0)\_2TX(Port2&Port3)

EBW

6685MHz

18/06/2025

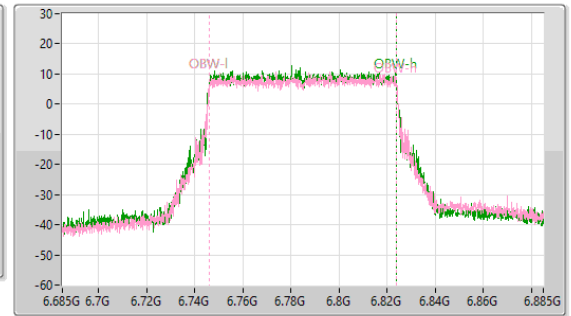
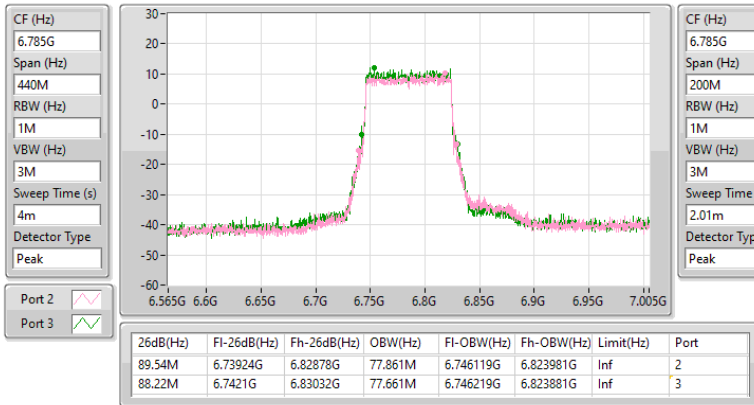


6.525-6.875GHz\_802.11be EHT80\_Nss1,(MCS0)\_2TX(Port2&Port3)

EBW

6785MHz

18/06/2025

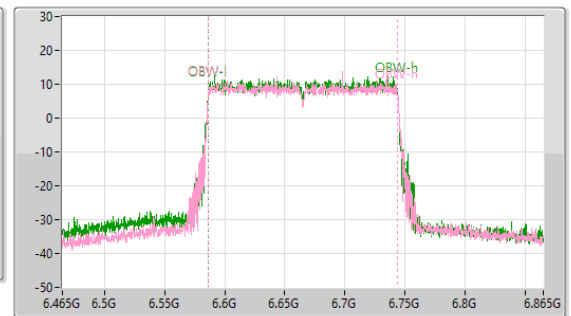
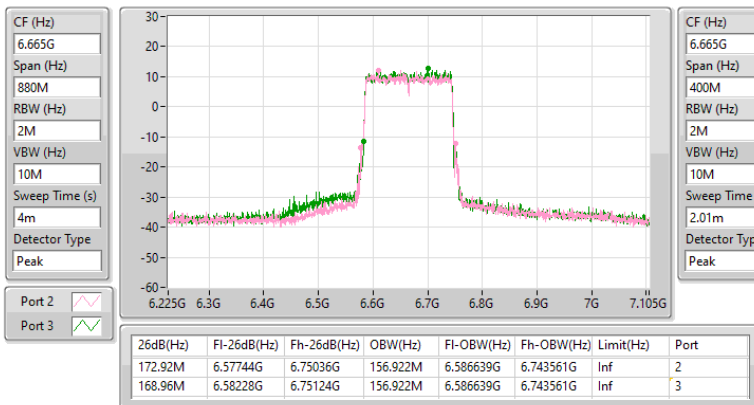


6.525-6.875GHz\_802.11be EHT160\_Nss1,(MCS0)\_2TX(Port2&Port3)

EBW

6665MHz

18/06/2025





**Summary**

| Mode                            | Max-N dB<br>(Hz) | Max-OBW<br>(Hz) | ITU-Code | Min-N dB<br>(Hz) | Min-OBW<br>(Hz) |
|---------------------------------|------------------|-----------------|----------|------------------|-----------------|
| 5.925-6.425GHz                  | -                | -               | -        | -                | -               |
| 802.11be EHT20_Nss1,(MCS0)_4TX  | 22.22M           | 19.09M          | 19M1D1D  | 20.955M          | 18.991M         |
| 802.11be EHT40_Nss1,(MCS0)_4TX  | 43.45M           | 38.031M         | 38M0D1D  | 41.69M           | 37.881M         |
| 802.11be EHT80_Nss1,(MCS0)_4TX  | 89.98M           | 77.861M         | 77M9D1D  | 83.6M            | 77.561M         |
| 802.11be EHT160_Nss1,(MCS0)_4TX | 173.36M          | 157.321M        | 157MD1D  | 165.44M          | 156.522M        |
| 6.525-6.875GHz                  | -                | -               | -        | -                | -               |
| 802.11be EHT20_Nss1,(MCS0)_4TX  | 22.77M           | 19.09M          | 19M1D1D  | 21.285M          | 19.015M         |
| 802.11be EHT40_Nss1,(MCS0)_4TX  | 44.44M           | 38.181M         | 38M2D1D  | 41.91M           | 37.931M         |
| 802.11be EHT80_Nss1,(MCS0)_4TX  | 91.96M           | 77.861M         | 77M9D1D  | 84.48M           | 77.561M         |
| 802.11be EHT160_Nss1,(MCS0)_4TX | 172.04M          | 157.321M        | 157MD1D  | 168.52M          | 156.522M        |

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



# EBW\_Non-Beamforming\_ Radio 3\_Directional Patch\_4T1S\_Full RU

## Appendix B.3

### Result

| Mode                            | Result | Limit (Hz) | Port 1-N dB (Hz) | Port 1-OBW (Hz) | Port 2-N dB (Hz) | Port 2-OBW (Hz) | Port 3-N dB (Hz) | Port 3-OBW (Hz) | Port 4-N dB (Hz) | Port 4-OBW (Hz) |
|---------------------------------|--------|------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|
| 802.11be EHT20_Nss1,(MCS0)_4TX  | -      | -          | -                | -               | -                | -               | -                | -               | -                | -               |
| 5955MHz                         | Pass   | Inf        | 20.955M          | 19.04M          | 21.835M          | 19.065M         | 21.89M           | 19.04M          | 21.615M          | 19.09M          |
| 6195MHz                         | Pass   | Inf        | 21.45M           | 19.09M          | 21.945M          | 19.015M         | 21.505M          | 18.991M         | 21.175M          | 19.015M         |
| 6415MHz                         | Pass   | Inf        | 21.945M          | 19.015M         | 22.22M           | 19.04M          | 21.615M          | 19.015M         | 22.165M          | 19.04M          |
| 6535MHz                         | Pass   | Inf        | 21.835M          | 19.015M         | 22.275M          | 19.065M         | 22.77M           | 19.015M         | 21.725M          | 19.04M          |
| 6695MHz                         | Pass   | Inf        | 21.89M           | 19.015M         | 21.835M          | 19.04M          | 21.725M          | 19.04M          | 21.725M          | 19.04M          |
| 6855MHz                         | Pass   | Inf        | 22.11M           | 19.09M          | 21.285M          | 19.065M         | 21.505M          | 19.065M         | 22M              | 19.04M          |
| 802.11be EHT40_Nss1,(MCS0)_4TX  | -      | -          | -                | -               | -                | -               | -                | -               | -                | -               |
| 5965MHz                         | Pass   | Inf        | 42.24M           | 38.031M         | 41.8M            | 37.931M         | 43.34M           | 38.031M         | 41.69M           | 37.981M         |
| 6205MHz                         | Pass   | Inf        | 42.9M            | 38.031M         | 42.68M           | 37.931M         | 43.45M           | 38.031M         | 43.45M           | 37.931M         |
| 6405MHz                         | Pass   | Inf        | 43.34M           | 37.881M         | 42.13M           | 37.931M         | 42.46M           | 38.031M         | 42.57M           | 37.981M         |
| 6565MHz                         | Pass   | Inf        | 42.46M           | 37.981M         | 42.46M           | 37.931M         | 42.9M            | 38.031M         | 42.35M           | 37.931M         |
| 6685MHz                         | Pass   | Inf        | 42.24M           | 38.181M         | 42.57M           | 37.981M         | 42.68M           | 37.981M         | 44.44M           | 37.931M         |
| 6845MHz                         | Pass   | Inf        | 42.9M            | 37.931M         | 42.24M           | 37.981M         | 43.23M           | 38.031M         | 41.91M           | 38.031M         |
| 802.11be EHT80_Nss1,(MCS0)_4TX  | -      | -          | -                | -               | -                | -               | -                | -               | -                | -               |
| 5985MHz                         | Pass   | Inf        | 86.02M           | 77.561M         | 88.44M           | 77.661M         | 83.6M            | 77.661M         | 86.9M            | 77.761M         |
| 6225MHz                         | Pass   | Inf        | 86.24M           | 77.661M         | 89.98M           | 77.661M         | 86.24M           | 77.761M         | 88.44M           | 77.561M         |
| 6385MHz                         | Pass   | Inf        | 85.58M           | 77.861M         | 89.98M           | 77.561M         | 89.98M           | 77.761M         | 88.66M           | 77.661M         |
| 6625MHz                         | Pass   | Inf        | 84.48M           | 77.561M         | 84.92M           | 77.561M         | 85.8M            | 77.561M         | 88.44M           | 77.661M         |
| 6705MHz                         | Pass   | Inf        | 87.12M           | 77.761M         | 86.24M           | 77.761M         | 91.96M           | 77.661M         | 88.44M           | 77.761M         |
| 6785MHz                         | Pass   | Inf        | 85.58M           | 77.661M         | 87.78M           | 77.561M         | 88.88M           | 77.861M         | 87.78M           | 77.661M         |
| 802.11be EHT160_Nss1,(MCS0)_4TX | -      | -          | -                | -               | -                | -               | -                | -               | -                | -               |
| 6025MHz                         | Pass   | Inf        | 173.36M          | 156.722M        | 167.64M          | 156.522M        | 171.6M           | 156.722M        | 168.08M          | 156.722M        |
| 6185MHz                         | Pass   | Inf        | 165.44M          | 156.922M        | 171.6M           | 156.922M        | 170.28M          | 157.121M        | 169.84M          | 157.121M        |
| 6345MHz                         | Pass   | Inf        | 169.4M           | 157.321M        | 172.48M          | 156.922M        | 171.6M           | 156.722M        | 172.48M          | 156.922M        |
| 6665MHz                         | Pass   | Inf        | 172.04M          | 157.121M        | 169.4M           | 156.522M        | 168.52M          | 157.321M        | 169.84M          | 156.722M        |

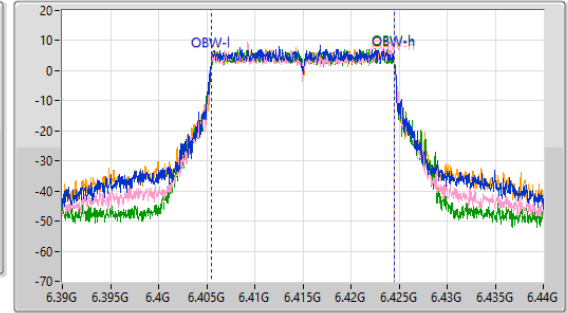
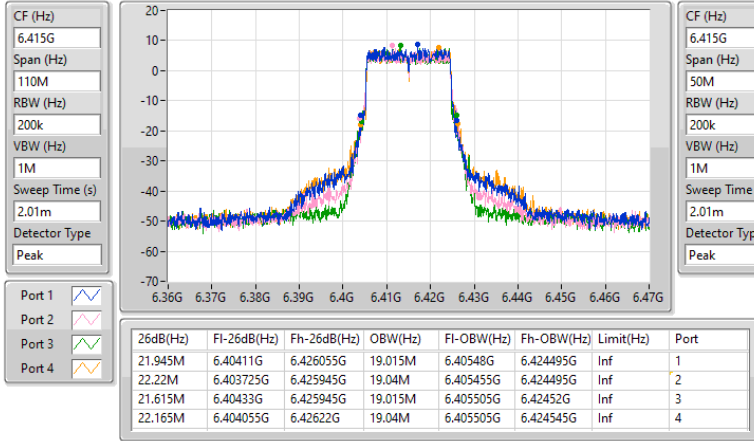
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band  
Port X-OBW = Port X 99% occupied bandwidth

5.925-6.425GHz\_802.11be EHT20\_Nss1,(MCS0)\_4TX

EBW

6415MHz

19/06/2025

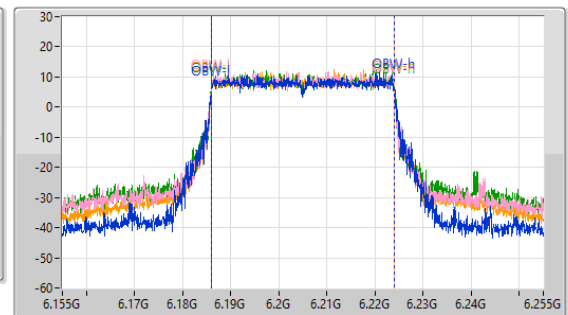
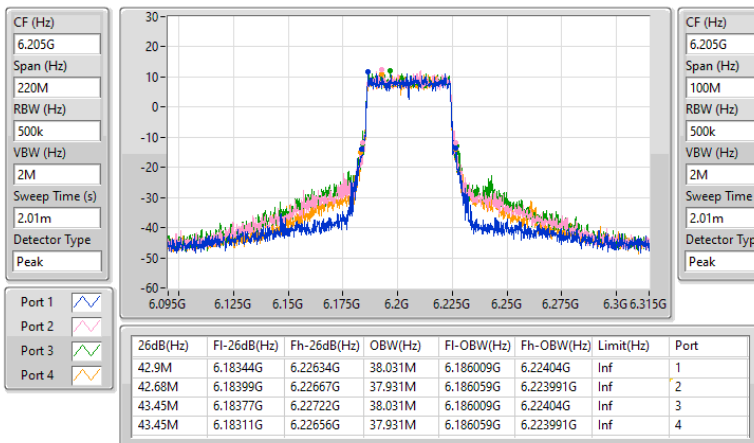


5.925-6.425GHz\_802.11be EHT40\_Nss1,(MCS0)\_4TX

EBW

6205MHz

18/06/2025

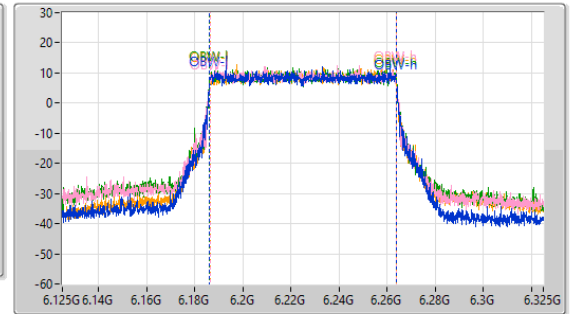
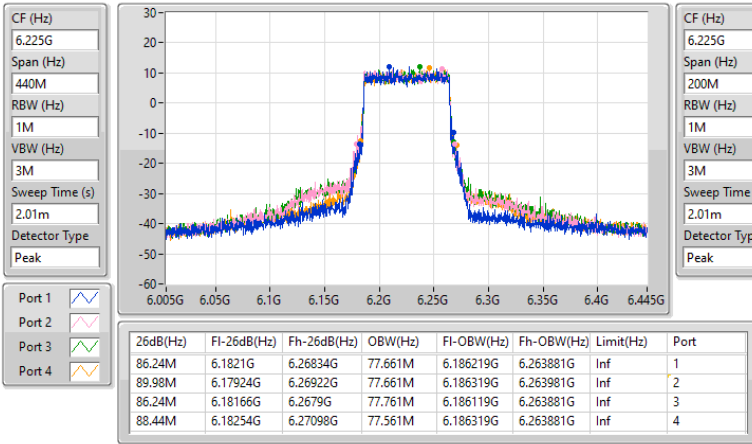


5.925-6.425GHz\_802.11be EHT80\_Nss1,(MCS0)\_4TX

EBW

6225MHz

18/06/2025

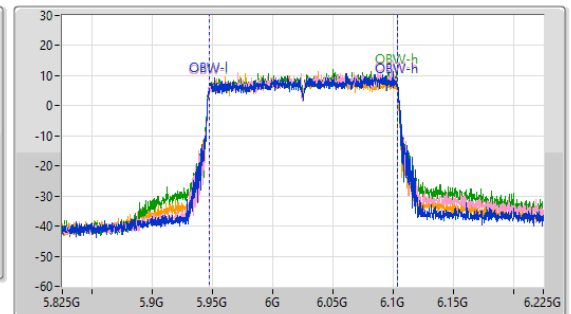
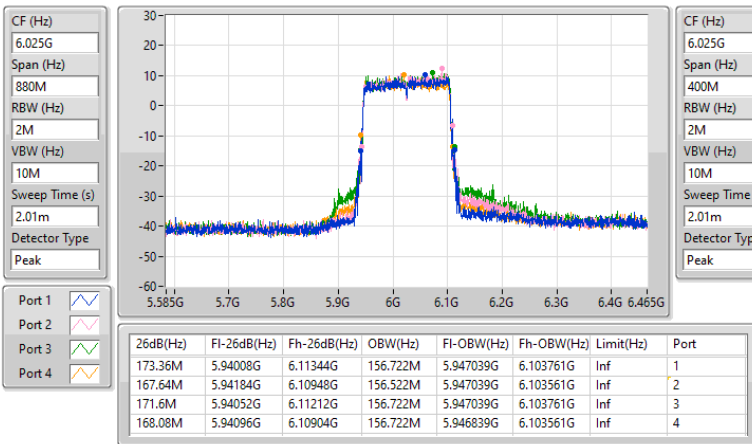


5.925-6.425GHz\_802.11be EHT160\_Nss1,(MCS0)\_4TX

EBW

6025MHz

19/06/2025

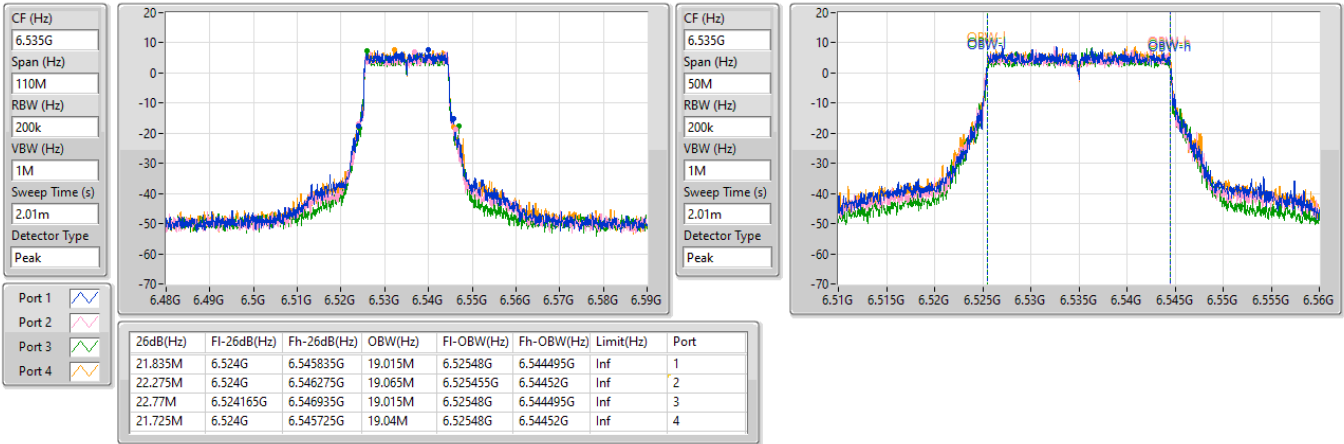


6.525-6.875GHz\_802.11be EHT20\_Nss1,(MCS0)\_4TX

EBW

6535MHz

19/06/2025

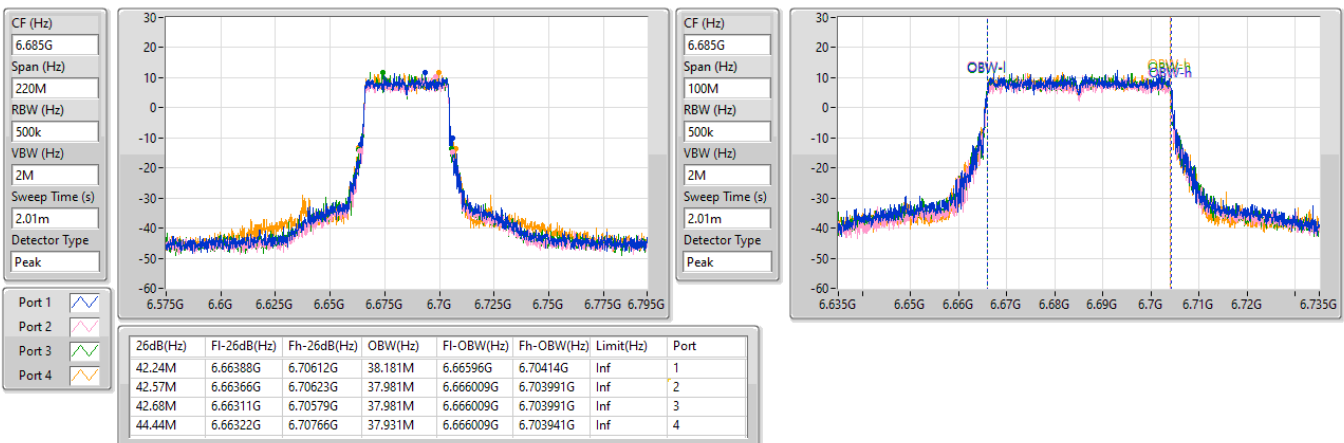


6.525-6.875GHz\_802.11be EHT40\_Nss1,(MCS0)\_4TX

EBW

6685MHz

18/06/2025

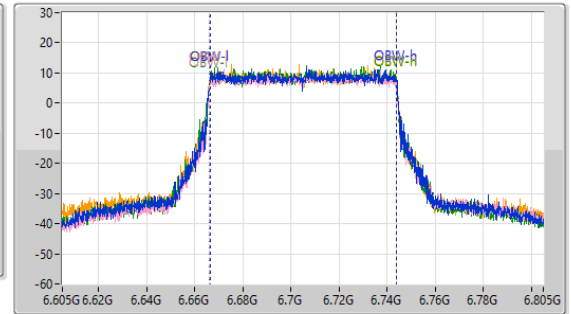
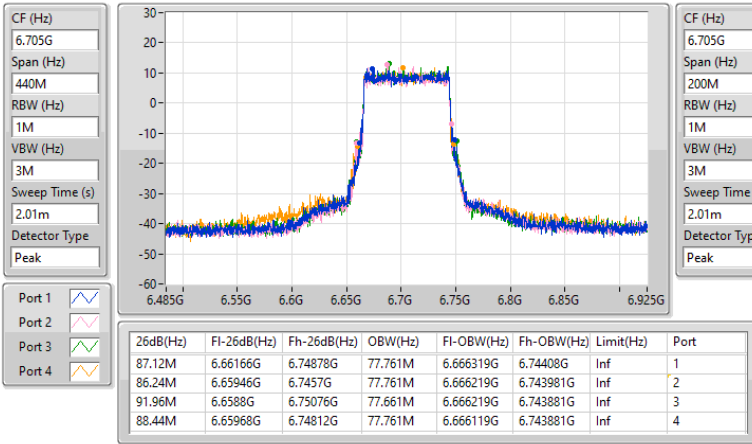


6.525-6.875GHz\_802.11be EHT80\_Nss1,(MCS0)\_4TX

EBW

6705MHz

18/06/2025

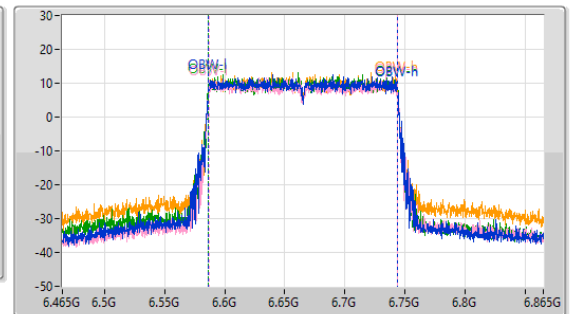
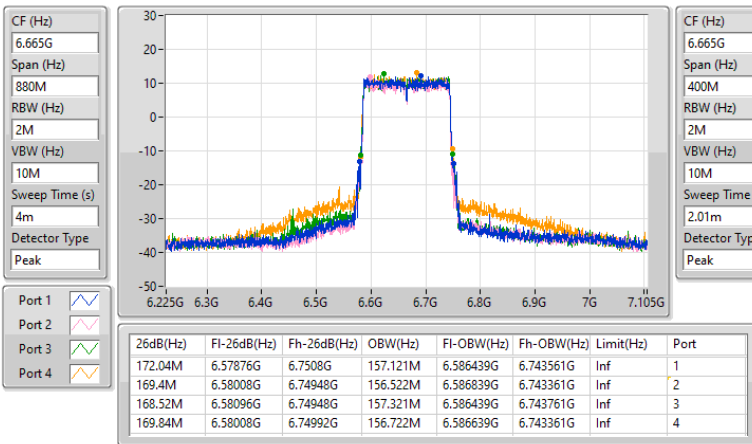


6.525-6.875GHz\_802.11be EHT160\_Nss1,(MCS0)\_4TX

EBW

6665MHz

18/06/2025





**Summary**

| Mode                                   | Max-N dB<br>(Hz) | Max-OBW<br>(Hz) | ITU-Code | Min-N dB<br>(Hz) | Min-OBW<br>(Hz) |
|----------------------------------------|------------------|-----------------|----------|------------------|-----------------|
| 5.925-6.425GHz                         | -                | -               | -        | -                | -               |
| 802.11be EHT20_Nss1,(MCS0)_1TX(Port3)  | 23.32M           | 19.04M          | 19M0D1D  | 21.56M           | 18.941M         |
| 802.11be EHT40_Nss1,(MCS0)_1TX(Port3)  | 44.22M           | 37.981M         | 38M0D1D  | 40.15M           | 37.881M         |
| 802.11be EHT80_Nss1,(MCS0)_1TX(Port3)  | 145.42M          | 77.661M         | 77M7D1D  | 84.48M           | 77.461M         |
| 802.11be EHT160_Nss1,(MCS0)_1TX(Port3) | 167.2M           | 156.922M        | 157MD1D  | 161.04M          | 156.722M        |
| 6.525-6.875GHz                         | -                | -               | -        | -                | -               |
| 802.11be EHT20_Nss1,(MCS0)_1TX(Port3)  | 21.78M           | 19.09M          | 19M1D1D  | 20.79M           | 18.966M         |
| 802.11be EHT40_Nss1,(MCS0)_1TX(Port3)  | 41.25M           | 37.931M         | 37M9D1D  | 40.59M           | 37.831M         |
| 802.11be EHT80_Nss1,(MCS0)_1TX(Port3)  | 85.58M           | 77.661M         | 77M7D1D  | 79.64M           | 77.461M         |
| 802.11be EHT160_Nss1,(MCS0)_1TX(Port3) | 162.36M          | 156.722M        | 157MD1D  | 162.36M          | 156.722M        |

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



# EBW\_Non-Beamforming\_ Radio 3\_Omnidirectional\_1T1S\_Full RU

## Appendix B.4

### Result

| Mode                                   | Result | Limit<br>(Hz) | Port 3-N dB<br>(Hz) | Port 3-OBW<br>(Hz) |
|----------------------------------------|--------|---------------|---------------------|--------------------|
| 802.11be EHT20_Nss1,(MCS0)_1TX(Port3)  | -      | -             | -                   | -                  |
| 5955MHz                                | Pass   | Inf           | 23.32M              | 19.04M             |
| 6195MHz                                | Pass   | Inf           | 21.945M             | 18.941M            |
| 6415MHz                                | Pass   | Inf           | 21.56M              | 18.966M            |
| 6535MHz                                | Pass   | Inf           | 21.395M             | 19.09M             |
| 6695MHz                                | Pass   | Inf           | 21.78M              | 18.966M            |
| 6855MHz                                | Pass   | Inf           | 20.79M              | 18.991M            |
| 802.11be EHT40_Nss1,(MCS0)_1TX(Port3)  | -      | -             | -                   | -                  |
| 5965MHz                                | Pass   | Inf           | 44.22M              | 37.981M            |
| 6205MHz                                | Pass   | Inf           | 40.15M              | 37.881M            |
| 6405MHz                                | Pass   | Inf           | 41.03M              | 37.881M            |
| 6565MHz                                | Pass   | Inf           | 40.59M              | 37.931M            |
| 6685MHz                                | Pass   | Inf           | 41.25M              | 37.931M            |
| 6845MHz                                | Pass   | Inf           | 40.81M              | 37.831M            |
| 802.11be EHT80_Nss1,(MCS0)_1TX(Port3)  | -      | -             | -                   | -                  |
| 5985MHz                                | Pass   | Inf           | 145.42M             | 77.661M            |
| 6225MHz                                | Pass   | Inf           | 84.92M              | 77.661M            |
| 6385MHz                                | Pass   | Inf           | 84.48M              | 77.461M            |
| 6625MHz                                | Pass   | Inf           | 79.64M              | 77.461M            |
| 6705MHz                                | Pass   | Inf           | 84.26M              | 77.461M            |
| 6785MHz                                | Pass   | Inf           | 85.58M              | 77.661M            |
| 802.11be EHT160_Nss1,(MCS0)_1TX(Port3) | -      | -             | -                   | -                  |
| 6025MHz                                | Pass   | Inf           | 167.2M              | 156.722M           |
| 6185MHz                                | Pass   | Inf           | 164.56M             | 156.722M           |
| 6345MHz                                | Pass   | Inf           | 161.04M             | 156.922M           |
| 6665MHz                                | Pass   | Inf           | 162.36M             | 156.722M           |

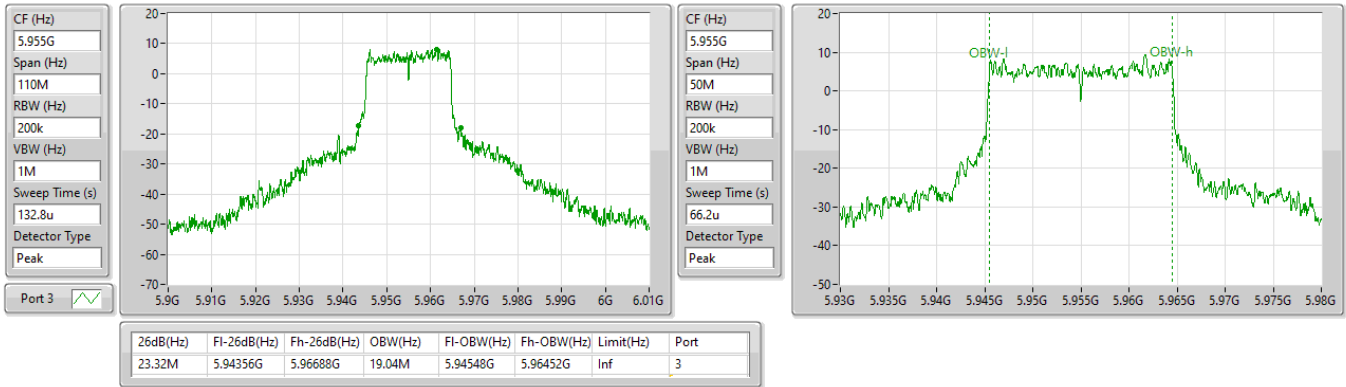
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band  
Port X-OBW = Port X 99% occupied bandwidth

5.925-6.425GHz\_802.11be EHT20\_Nss1,(MCS0)\_1TX(Port3)

EBW

5955MHz

18/06/2025

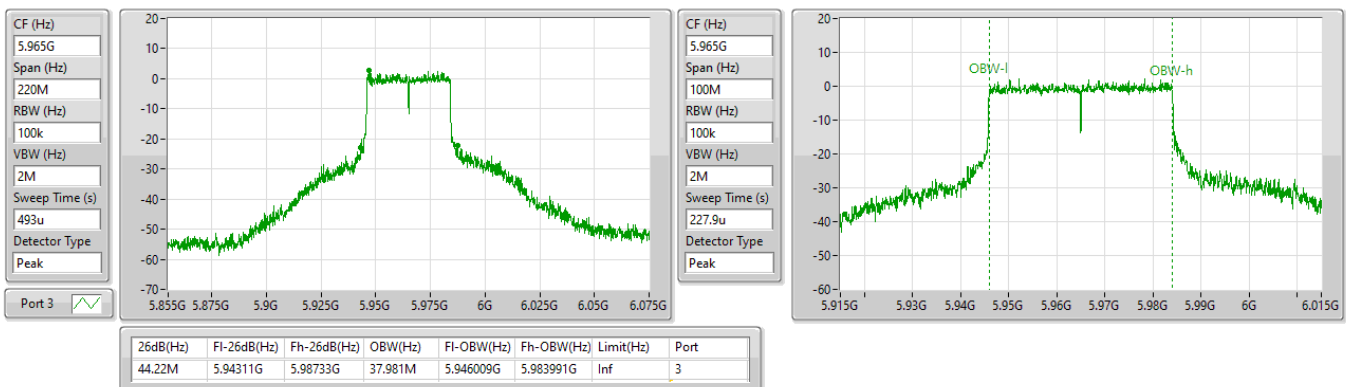


5.925-6.425GHz\_802.11be EHT40\_Nss1,(MCS0)\_1TX(Port3)

EBW

5965MHz

18/06/2025

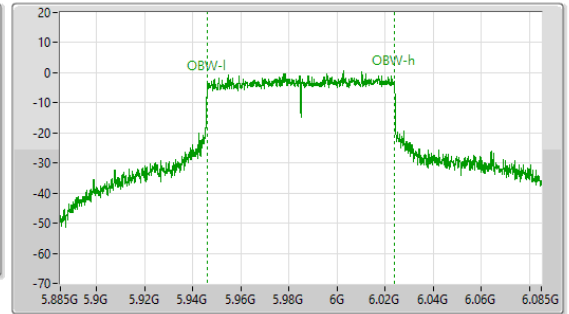
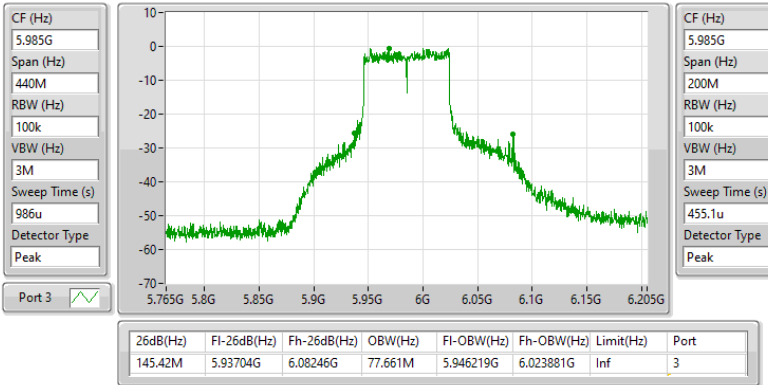


5.925-6.425GHz\_802.11be EHT80\_Nss1,(MCS0)\_1TX(Port3)

EBW

5985MHz

18/06/2025

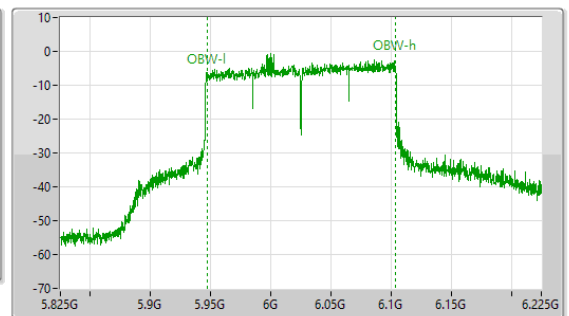
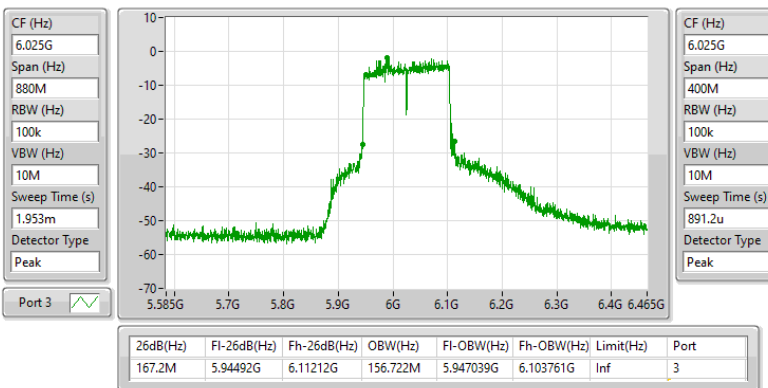


5.925-6.425GHz\_802.11be EHT160\_Nss1,(MCS0)\_1TX(Port3)

EBW

6025MHz

18/06/2025

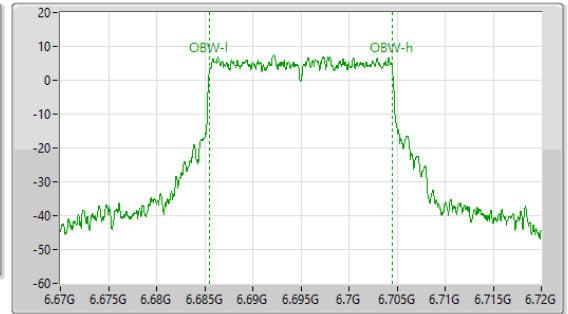
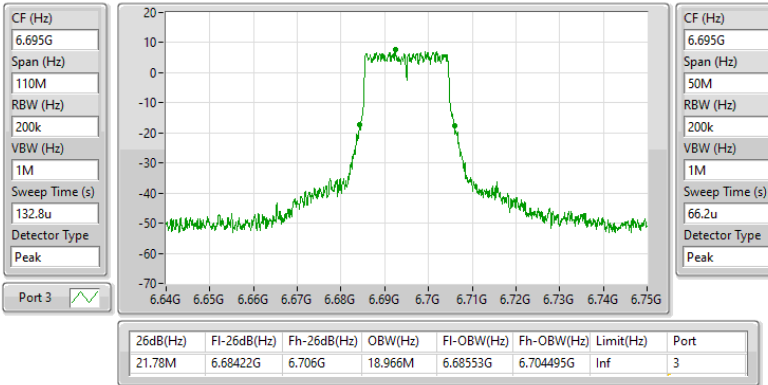


6.525-6.875GHz\_802.11be EHT20\_Nss1,(MCS0)\_1TX(Port3)

EBW

6695MHz

18/06/2025

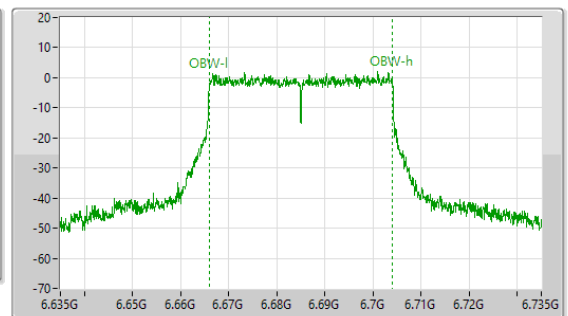
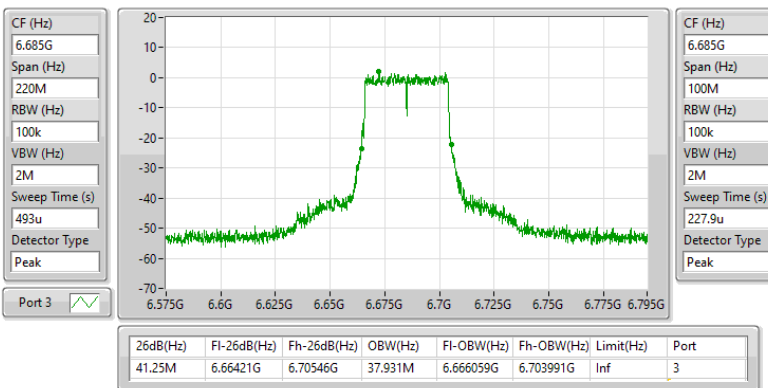


6.525-6.875GHz\_802.11be EHT40\_Nss1,(MCS0)\_1TX(Port3)

EBW

6685MHz

18/06/2025

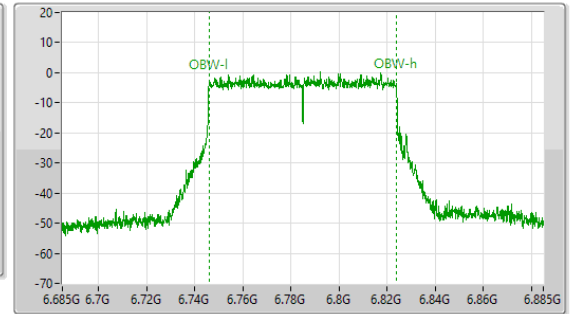
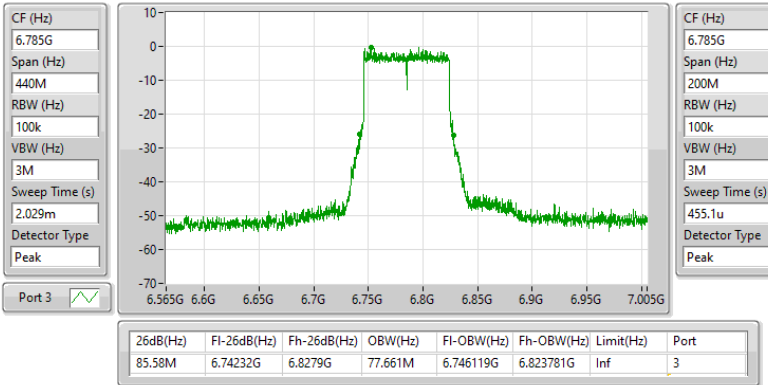


6.525-6.875GHz\_802.11be EHT80\_Nss1,(MCS0)\_1TX(Port3)

EBW

6785MHz

18/06/2025

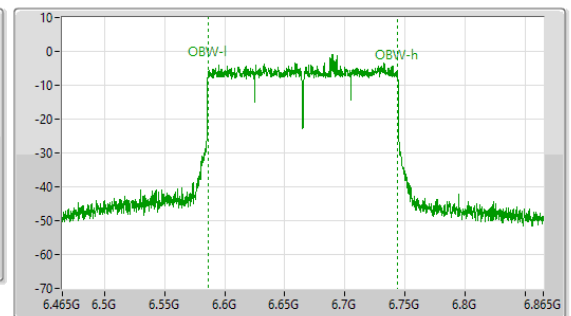
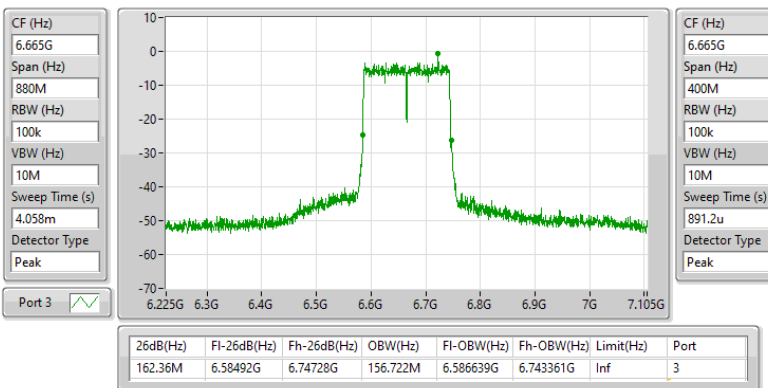


6.525-6.875GHz\_802.11be EHT160\_Nss1,(MCS0)\_1TX(Port3)

EBW

6665MHz

18/06/2025





# EBW\_Non-Beamforming\_ Radio 3\_Omnidirectional\_2T1S\_Full RU

## Appendix B.5

### Summary

| Mode                                         | Max-N dB<br>(Hz) | Max-OBW<br>(Hz) | ITU-Code | Min-N dB<br>(Hz) | Min-OBW<br>(Hz) |
|----------------------------------------------|------------------|-----------------|----------|------------------|-----------------|
| 5.925-6.425GHz                               | -                | -               | -        | -                | -               |
| 802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)  | 23.045M          | 19.09M          | 19M1D1D  | 21.285M          | 19.015M         |
| 802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)  | 44.11M           | 38.081M         | 38M1D1D  | 42.57M           | 37.981M         |
| 802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)  | 90.42M           | 77.761M         | 77M8D1D  | 86.9M            | 77.561M         |
| 802.11be EHT160_Nss1,(MCS0)_2TX(Port2&Port3) | 172.92M          | 157.121M        | 157MD1D  | 166.32M          | 156.722M        |
| 6.525-6.875GHz                               | -                | -               | -        | -                | -               |
| 802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)  | 22.77M           | 19.065M         | 19M1D1D  | 21.34M           | 19.015M         |
| 802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)  | 44.44M           | 38.081M         | 38M1D1D  | 42.79M           | 37.981M         |
| 802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)  | 89.54M           | 77.861M         | 77M9D1D  | 84.04M           | 77.661M         |
| 802.11be EHT160_Nss1,(MCS0)_2TX(Port2&Port3) | 172.92M          | 156.922M        | 157MD1D  | 168.96M          | 156.922M        |

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 2-N dB<br>(Hz) | Port 2-OBW<br>(Hz) | Port 3-N dB<br>(Hz) | Port 3-OBW<br>(Hz) |
|----------------------------------------------|--------|---------------|---------------------|--------------------|---------------------|--------------------|
| 802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)  | -      | -             | -                   | -                  | -                   | -                  |
| 5955MHz                                      | Pass   | Inf           | 22M                 | 19.015M            | 22.55M              | 19.065M            |
| 6195MHz                                      | Pass   | Inf           | 23.045M             | 19.09M             | 21.945M             | 19.04M             |
| 6415MHz                                      | Pass   | Inf           | 22.165M             | 19.015M            | 21.285M             | 19.09M             |
| 6535MHz                                      | Pass   | Inf           | 22.55M              | 19.04M             | 22.165M             | 19.065M            |
| 6695MHz                                      | Pass   | Inf           | 21.34M              | 19.04M             | 22.385M             | 19.015M            |
| 6855MHz                                      | Pass   | Inf           | 22.77M              | 19.065M            | 22M                 | 19.04M             |
| 802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)  | -      | -             | -                   | -                  | -                   | -                  |
| 5965MHz                                      | Pass   | Inf           | 42.9M               | 37.981M            | 43.78M              | 38.081M            |
| 6205MHz                                      | Pass   | Inf           | 42.57M              | 38.031M            | 42.79M              | 38.081M            |
| 6405MHz                                      | Pass   | Inf           | 44.11M              | 38.031M            | 43.12M              | 37.981M            |
| 6565MHz                                      | Pass   | Inf           | 43.34M              | 37.981M            | 44M                 | 38.031M            |
| 6685MHz                                      | Pass   | Inf           | 43.56M              | 38.031M            | 44.44M              | 37.981M            |
| 6845MHz                                      | Pass   | Inf           | 43.67M              | 38.031M            | 42.79M              | 38.081M            |
| 802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)  | -      | -             | -                   | -                  | -                   | -                  |
| 5985MHz                                      | Pass   | Inf           | 87.12M              | 77.561M            | 87.78M              | 77.661M            |
| 6225MHz                                      | Pass   | Inf           | 88.44M              | 77.761M            | 89.76M              | 77.761M            |
| 6385MHz                                      | Pass   | Inf           | 90.42M              | 77.661M            | 86.9M               | 77.661M            |
| 6625MHz                                      | Pass   | Inf           | 87.12M              | 77.661M            | 85.14M              | 77.761M            |
| 6705MHz                                      | Pass   | Inf           | 88.44M              | 77.761M            | 84.04M              | 77.661M            |
| 6785MHz                                      | Pass   | Inf           | 89.54M              | 77.861M            | 88.22M              | 77.661M            |
| 802.11be EHT160_Nss1,(MCS0)_2TX(Port2&Port3) | -      | -             | -                   | -                  | -                   | -                  |
| 6025MHz                                      | Pass   | Inf           | 169.4M              | 156.722M           | 166.32M             | 156.722M           |
| 6185MHz                                      | Pass   | Inf           | 172.92M             | 156.922M           | 169.84M             | 157.121M           |
| 6345MHz                                      | Pass   | Inf           | 167.2M              | 156.922M           | 168.96M             | 156.922M           |
| 6665MHz                                      | Pass   | Inf           | 172.92M             | 156.922M           | 168.96M             | 156.922M           |

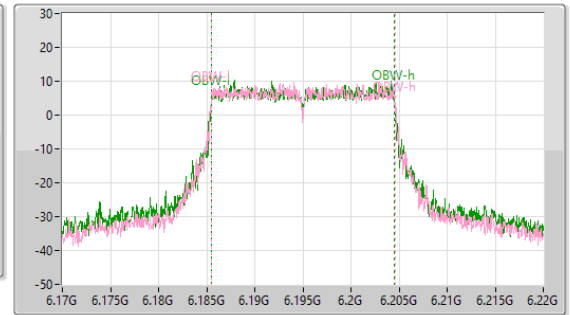
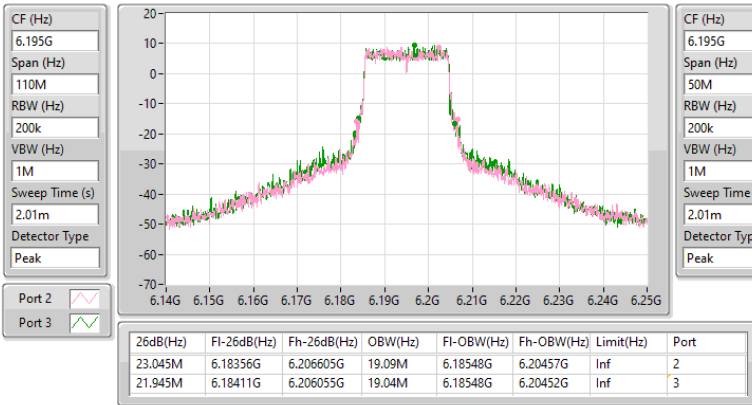
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band  
Port X-OBW = Port X 99% occupied bandwidth

5.925-6.425GHz\_802.11be EHT20\_Nss1,(MCS0)\_2TX(Port2&Port3)

EBW

6195MHz

18/06/2025

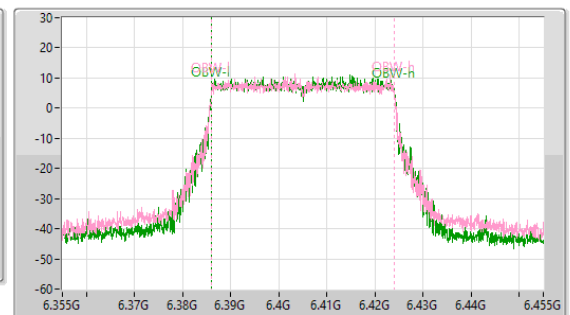
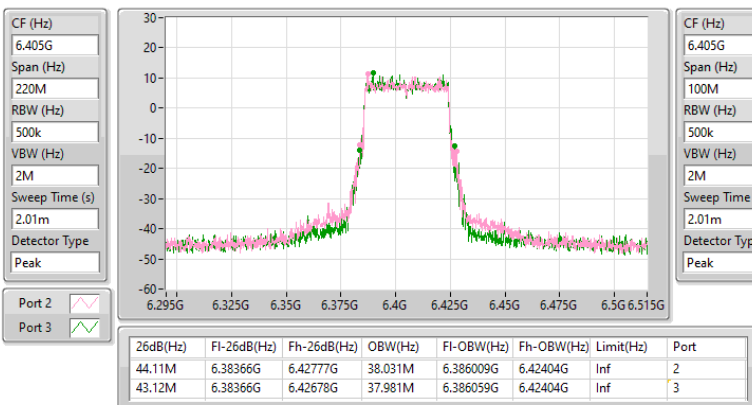


5.925-6.425GHz\_802.11be EHT40\_Nss1,(MCS0)\_2TX(Port2&Port3)

EBW

6405MHz

18/06/2025

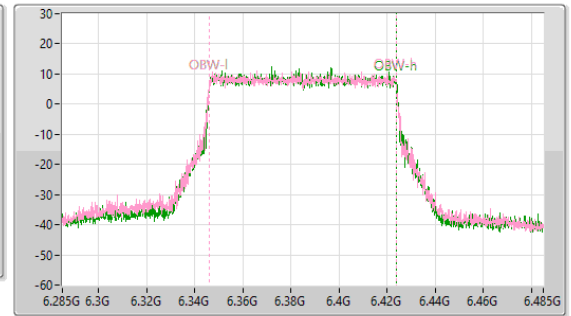
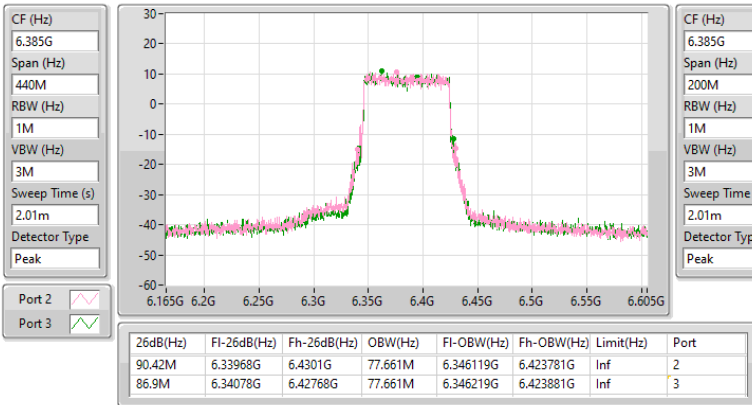


5.925-6.425GHz\_802.11be EHT80\_Nss1,(MCS0)\_2TX(Port2&Port3)

EBW

6385MHz

18/06/2025

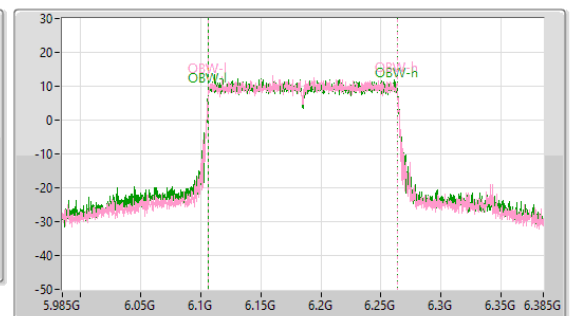
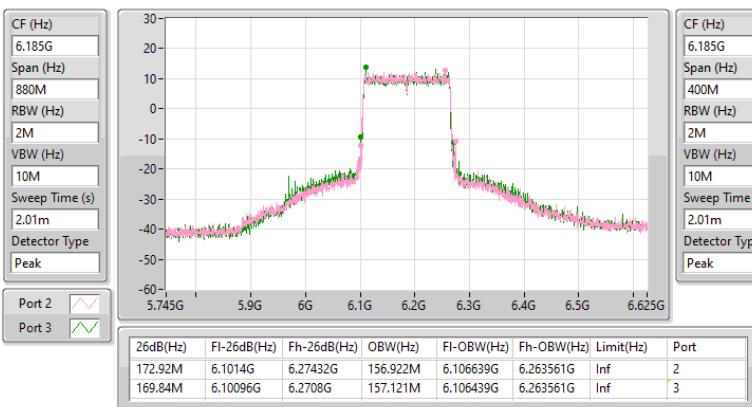


5.925-6.425GHz\_802.11be EHT160\_Nss1,(MCS0)\_2TX(Port2&Port3)

EBW

6185MHz

18/06/2025

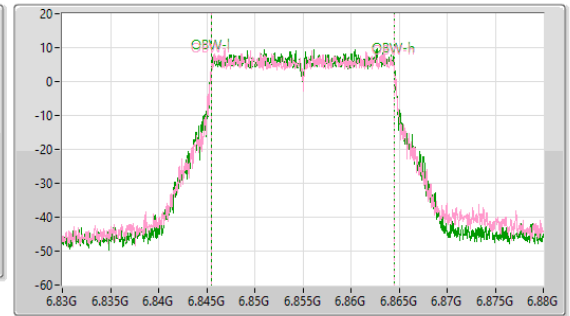
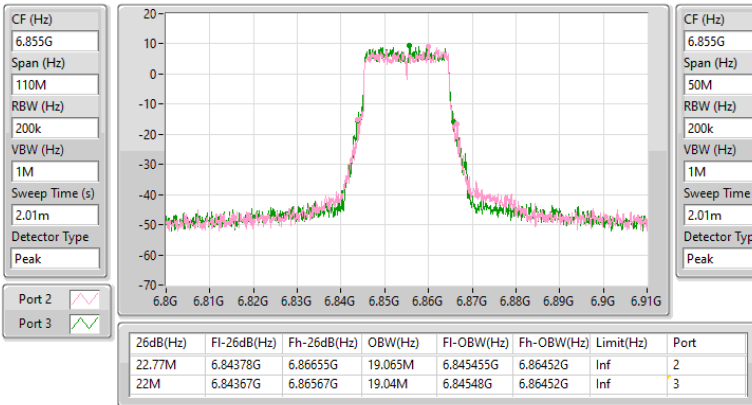


6.525-6.875GHz\_802.11be EHT20\_Nss1,(MCS0)\_2TX(Port2&Port3)

EBW

6855MHz

18/06/2025

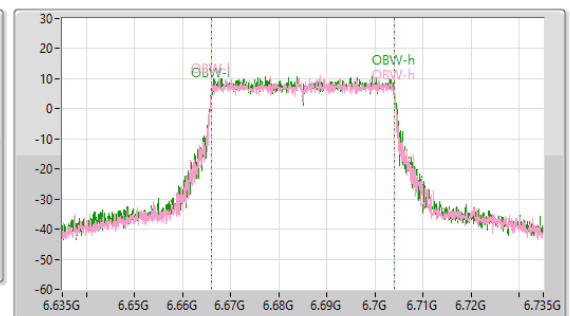
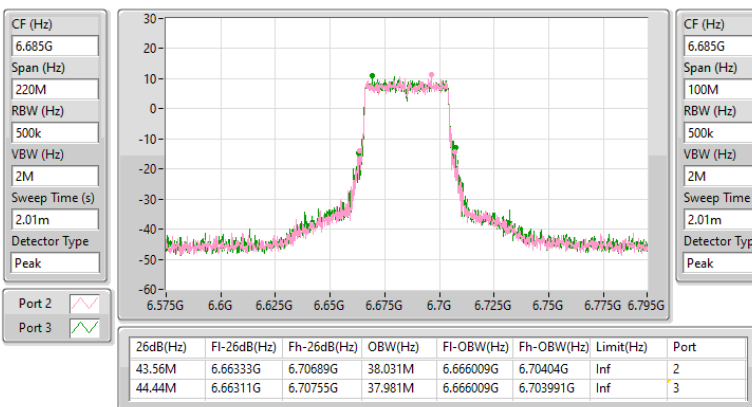


6.525-6.875GHz\_802.11be EHT40\_Nss1,(MCS0)\_2TX(Port2&Port3)

EBW

6685MHz

18/06/2025

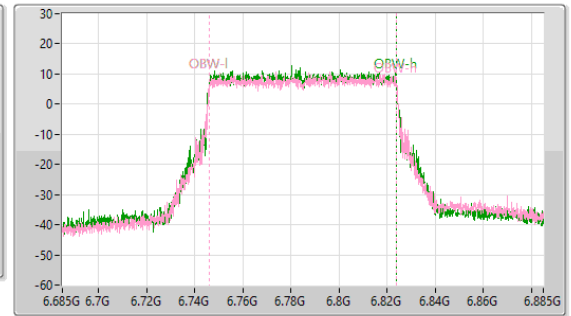
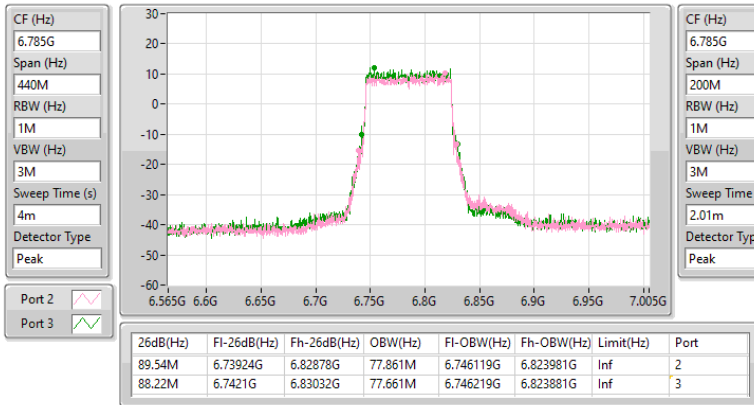


6.525-6.875GHz\_802.11be EHT80\_Nss1,(MCS0)\_2TX(Port2&Port3)

EBW

6785MHz

18/06/2025

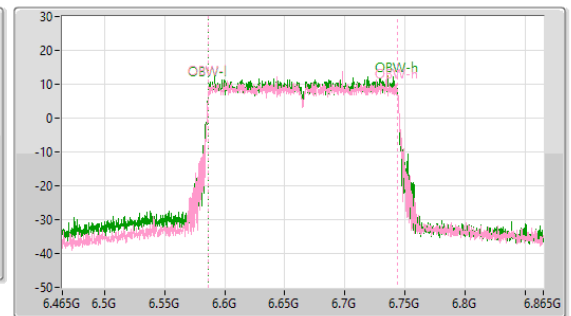
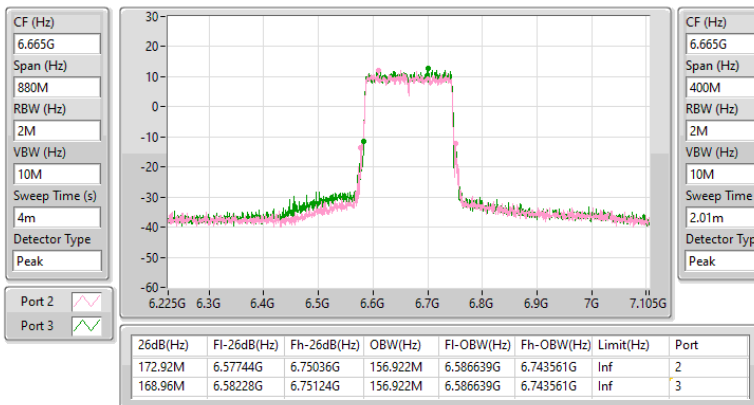


6.525-6.875GHz\_802.11be EHT160\_Nss1,(MCS0)\_2TX(Port2&Port3)

EBW

6665MHz

18/06/2025





**Summary**

| Mode                            | Max-N dB<br>(Hz) | Max-OBW<br>(Hz) | ITU-Code | Min-N dB<br>(Hz) | Min-OBW<br>(Hz) |
|---------------------------------|------------------|-----------------|----------|------------------|-----------------|
| 5.925-6.425GHz                  | -                | -               | -        | -                | -               |
| 802.11be EHT20_Nss1,(MCS0)_4TX  | 23.375M          | 19.115M         | 19M1D1D  | 21.285M          | 19.015M         |
| 802.11be EHT40_Nss1,(MCS0)_4TX  | 43.45M           | 38.231M         | 38M2D1D  | 42.13M           | 37.881M         |
| 802.11be EHT80_Nss1,(MCS0)_4TX  | 90.2M            | 77.861M         | 77M9D1D  | 85.58M           | 77.461M         |
| 802.11be EHT160_Nss1,(MCS0)_4TX | 172.48M          | 157.321M        | 157MD1D  | 165.44M          | 156.522M        |
| 6.525-6.875GHz                  | -                | -               | -        | -                | -               |
| 802.11be EHT20_Nss1,(MCS0)_4TX  | 23.65M           | 19.09M          | 19M1D1D  | 20.955M          | 19.015M         |
| 802.11be EHT40_Nss1,(MCS0)_4TX  | 44.44M           | 38.181M         | 38M2D1D  | 41.91M           | 37.931M         |
| 802.11be EHT80_Nss1,(MCS0)_4TX  | 91.96M           | 77.861M         | 77M9D1D  | 84.48M           | 77.561M         |
| 802.11be EHT160_Nss1,(MCS0)_4TX | 172.04M          | 157.321M        | 157MD1D  | 168.52M          | 156.522M        |

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

**Result**

| Mode                            | Result | Limit (Hz) | Port 1-N dB (Hz) | Port 1-OBW (Hz) | Port 2-N dB (Hz) | Port 2-OBW (Hz) | Port 3-N dB (Hz) | Port 3-OBW (Hz) | Port 4-N dB (Hz) | Port 4-OBW (Hz) |
|---------------------------------|--------|------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|
| 802.11be EHT20_Nss1,(MCS0)_4TX  | -      | -          | -                | -               | -                | -               | -                | -               | -                | -               |
| 5955MHz                         | Pass   | Inf        | 22.33M           | 19.04M          | 22.275M          | 19.115M         | 22.88M           | 19.065M         | 23.375M          | 19.065M         |
| 6195MHz                         | Pass   | Inf        | 22.11M           | 19.04M          | 22.44M           | 19.04M          | 22.88M           | 19.04M          | 22.165M          | 19.04M          |
| 6415MHz                         | Pass   | Inf        | 21.945M          | 19.015M         | 22.495M          | 19.09M          | 22.165M          | 19.015M         | 21.285M          | 19.065M         |
| 6535MHz                         | Pass   | Inf        | 22.11M           | 19.04M          | 21.395M          | 19.065M         | 20.955M          | 19.015M         | 21.835M          | 19.065M         |
| 6695MHz                         | Pass   | Inf        | 21.725M          | 19.065M         | 23.65M           | 19.015M         | 22.275M          | 19.065M         | 21.945M          | 19.065M         |
| 6855MHz                         | Pass   | Inf        | 22.495M          | 19.015M         | 21.56M           | 19.04M          | 21.89M           | 19.065M         | 21.945M          | 19.09M          |
| 802.11be EHT40_Nss1,(MCS0)_4TX  | -      | -          | -                | -               | -                | -               | -                | -               | -                | -               |
| 5965MHz                         | Pass   | Inf        | 42.35M           | 38.231M         | 42.9M            | 38.031M         | 43.23M           | 37.931M         | 42.46M           | 37.981M         |
| 6205MHz                         | Pass   | Inf        | 42.9M            | 38.031M         | 42.68M           | 37.931M         | 43.45M           | 38.031M         | 43.45M           | 37.931M         |
| 6405MHz                         | Pass   | Inf        | 43.34M           | 37.881M         | 42.13M           | 37.931M         | 42.46M           | 38.031M         | 42.57M           | 37.981M         |
| 6565MHz                         | Pass   | Inf        | 42.46M           | 37.981M         | 42.46M           | 37.931M         | 42.9M            | 38.031M         | 42.35M           | 37.931M         |
| 6685MHz                         | Pass   | Inf        | 42.24M           | 38.181M         | 42.57M           | 37.981M         | 42.68M           | 37.981M         | 44.44M           | 37.931M         |
| 6845MHz                         | Pass   | Inf        | 42.9M            | 37.931M         | 42.24M           | 37.981M         | 43.23M           | 38.031M         | 41.91M           | 38.031M         |
| 802.11be EHT80_Nss1,(MCS0)_4TX  | -      | -          | -                | -               | -                | -               | -                | -               | -                | -               |
| 5985MHz                         | Pass   | Inf        | 86.46M           | 77.661M         | 86.9M            | 77.461M         | 90.2M            | 77.661M         | 87.78M           | 77.561M         |
| 6225MHz                         | Pass   | Inf        | 86.24M           | 77.661M         | 89.98M           | 77.661M         | 86.24M           | 77.761M         | 88.44M           | 77.561M         |
| 6385MHz                         | Pass   | Inf        | 85.58M           | 77.861M         | 89.98M           | 77.561M         | 89.98M           | 77.761M         | 88.66M           | 77.661M         |
| 6625MHz                         | Pass   | Inf        | 84.48M           | 77.561M         | 84.92M           | 77.561M         | 85.8M            | 77.561M         | 88.44M           | 77.661M         |
| 6705MHz                         | Pass   | Inf        | 87.12M           | 77.761M         | 86.24M           | 77.761M         | 91.96M           | 77.661M         | 88.44M           | 77.761M         |
| 6785MHz                         | Pass   | Inf        | 85.58M           | 77.661M         | 87.78M           | 77.561M         | 88.88M           | 77.861M         | 87.78M           | 77.661M         |
| 802.11be EHT160_Nss1,(MCS0)_4TX | -      | -          | -                | -               | -                | -               | -                | -               | -                | -               |
| 6025MHz                         | Pass   | Inf        | 171.16M          | 156.722M        | 168.52M          | 156.522M        | 167.64M          | 156.922M        | 166.76M          | 156.522M        |
| 6185MHz                         | Pass   | Inf        | 165.44M          | 156.922M        | 171.6M           | 156.922M        | 170.28M          | 157.121M        | 169.84M          | 157.121M        |
| 6345MHz                         | Pass   | Inf        | 169.4M           | 157.321M        | 172.48M          | 156.922M        | 171.6M           | 156.722M        | 172.48M          | 156.922M        |
| 6665MHz                         | Pass   | Inf        | 172.04M          | 157.121M        | 169.4M           | 156.522M        | 168.52M          | 157.321M        | 169.84M          | 156.722M        |

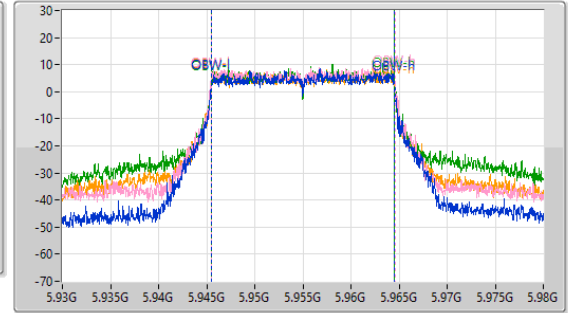
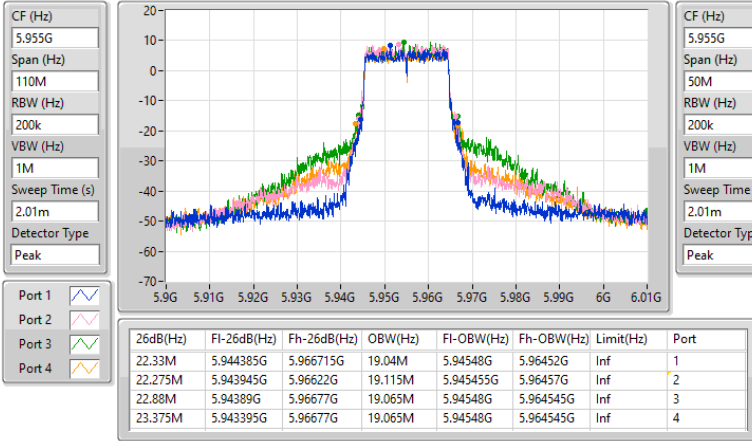
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band  
Port X-OBW = Port X 99% occupied bandwidth

5.925-6.425GHz\_802.11be EHT20\_Nss1,(MCS0)\_4TX

EBW

5955MHz

18/06/2025

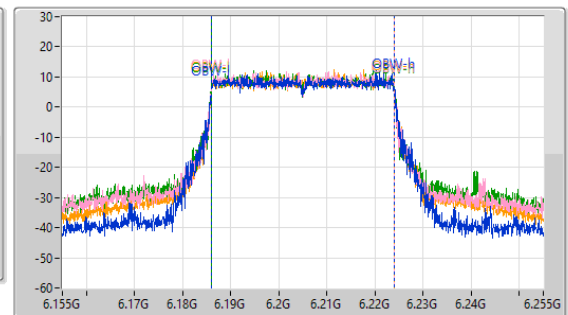
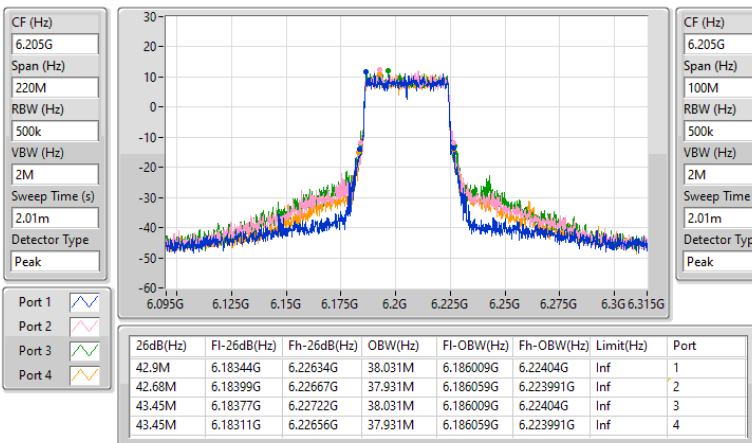


5.925-6.425GHz\_802.11be EHT40\_Nss1,(MCS0)\_4TX

EBW

6205MHz

18/06/2025

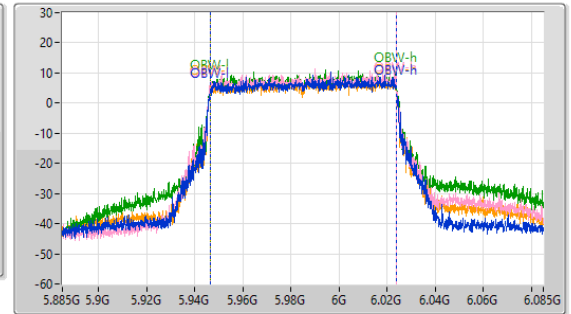
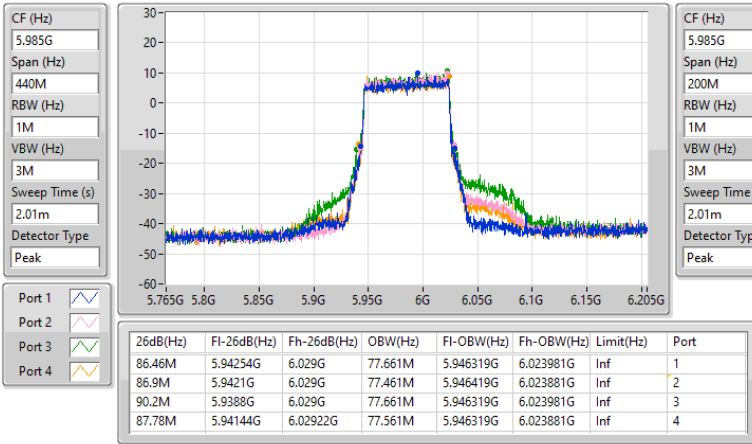


5.925-6.425GHz\_802.11be EHT80\_Nss1,(MCS0)\_4TX

EBW

5985MHz

18/06/2025

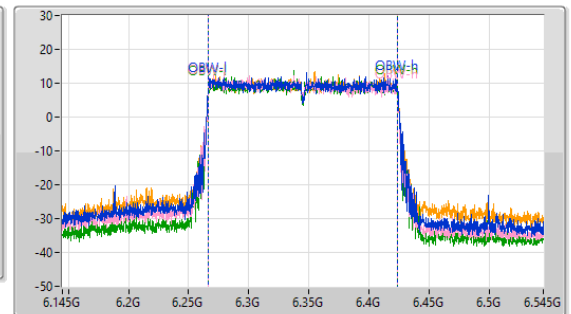
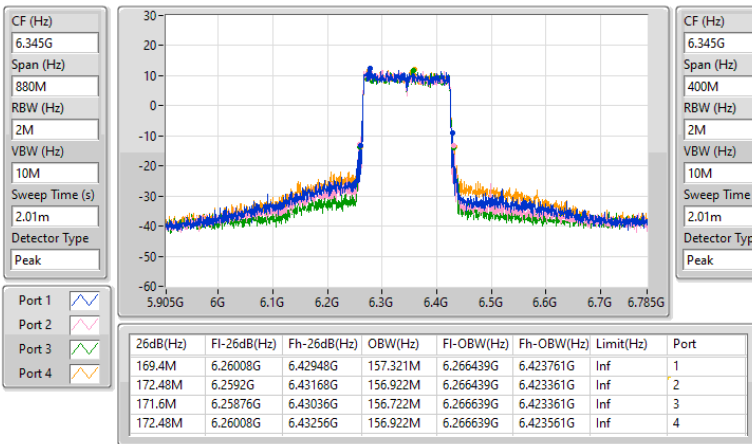


5.925-6.425GHz\_802.11be EHT160\_Nss1,(MCS0)\_4TX

EBW

6345MHz

18/06/2025

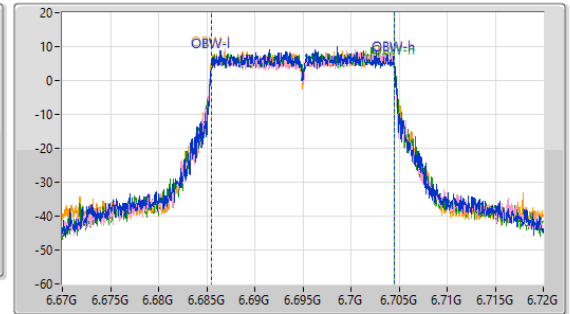
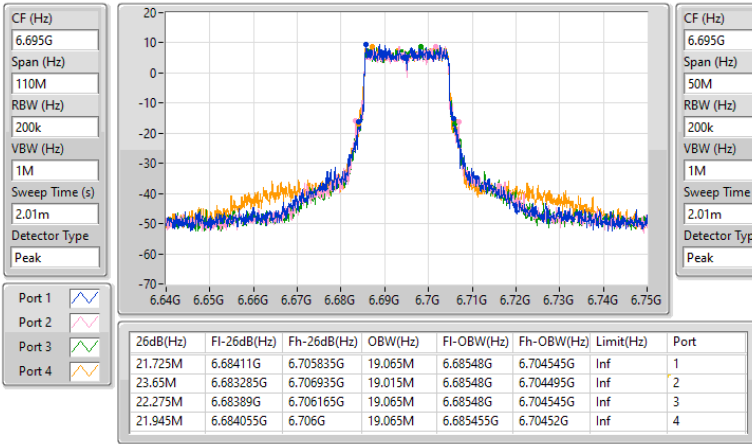


6.525-6.875GHz\_802.11be EHT20\_Nss1,(MCS0)\_4TX

EBW

6695MHz

18/06/2025

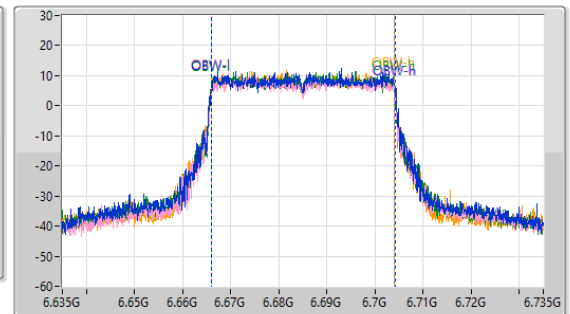
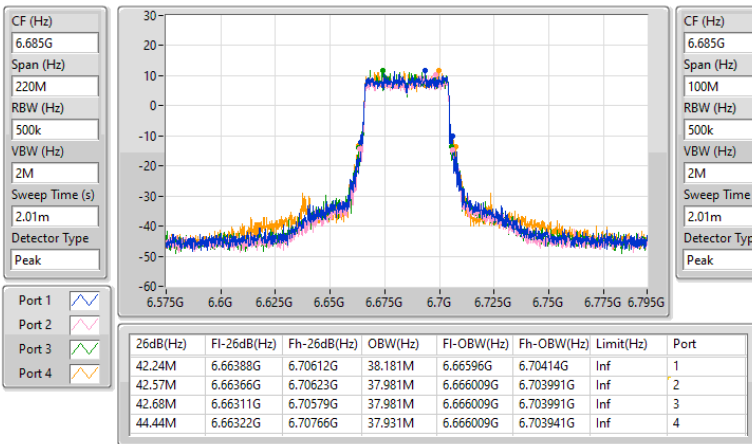


6.525-6.875GHz\_802.11be EHT40\_Nss1,(MCS0)\_4TX

EBW

6685MHz

18/06/2025

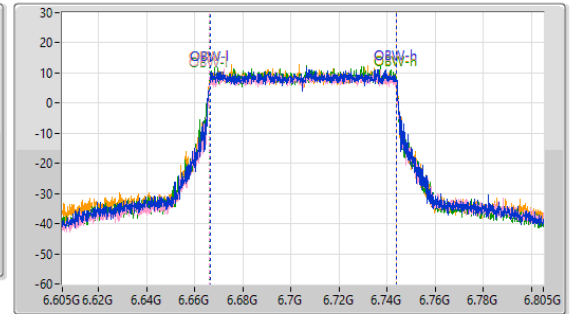
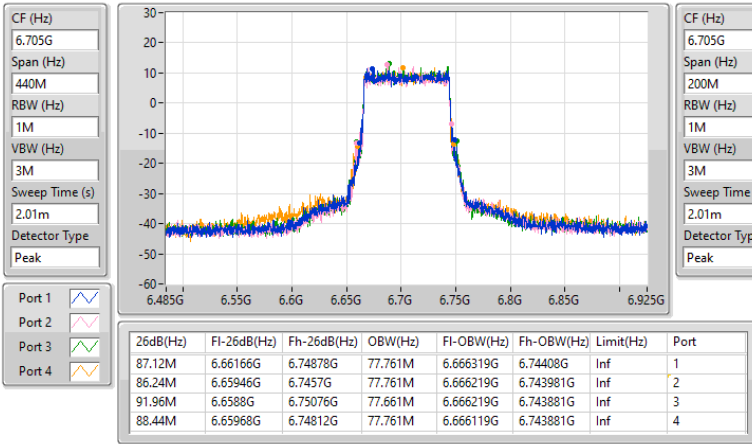


6.525-6.875GHz\_802.11be EHT80\_Nss1,(MCS0)\_4TX

EBW

6705MHz

18/06/2025

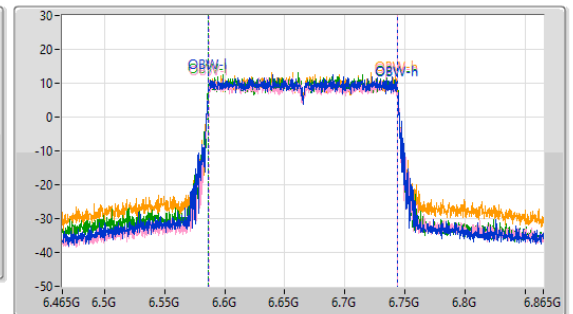
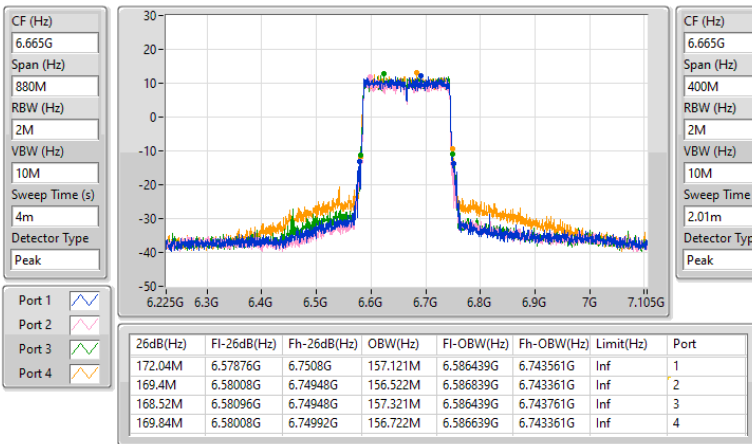


6.525-6.875GHz\_802.11be EHT160\_Nss1,(MCS0)\_4TX

EBW

6665MHz

18/06/2025



**Summary**

| Mode                           | Max-N dB<br>(Hz) | Max-OBW<br>(Hz) | ITU-Code | Min-N dB<br>(Hz) | Min-OBW<br>(Hz) |
|--------------------------------|------------------|-----------------|----------|------------------|-----------------|
| 5.925-6.425GHz                 | -                | -               | -        | -                | -               |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | 29.425M          | 19.065M         | 19M1D1D  | 21.34M           | 18.891M         |
| 6.525-6.875GHz                 | -                | -               | -        | -                | -               |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | 38.17M           | 24.163M         | 24M2D1D  | 24.2M            | 18.966M         |

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) |
|--------------------------------|--------|---------------|---------------------|--------------------|
| 802.11ax HEW20_Nss1,(MCS0)_1TX | -      | -             | -                   | -                  |
| 5955MHz                        | Pass   | Inf           | 22.385M             | 18.891M            |
| 6195MHz                        | Pass   | Inf           | 29.425M             | 19.065M            |
| 6415MHz                        | Pass   | Inf           | 21.34M              | 18.941M            |
| 6535MHz                        | Pass   | Inf           | 24.2M               | 18.966M            |
| 6695MHz                        | Pass   | Inf           | 38.17M              | 24.163M            |
| 6855MHz                        | Pass   | Inf           | 36.685M             | 22.589M            |

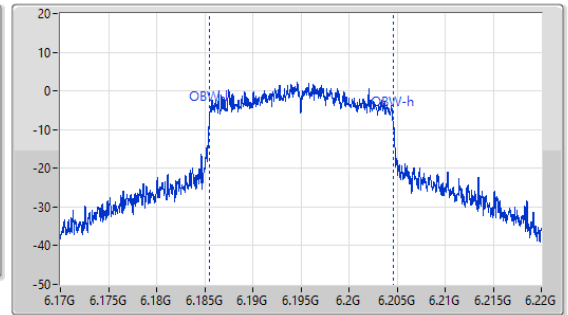
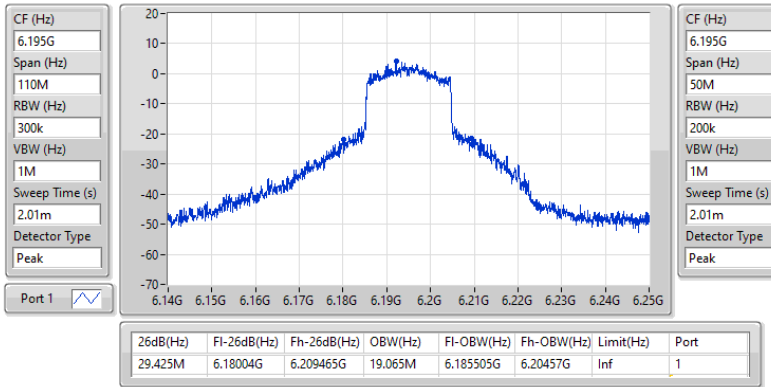
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band  
Port X-OBW = Port X 99% occupied bandwidth

5.925-6.425GHz\_802.11ax HEW20\_Nss1,(MCS0)\_1TX

EBW

6195MHz

19/06/2025

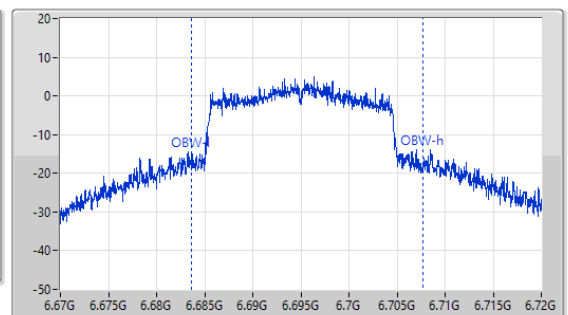
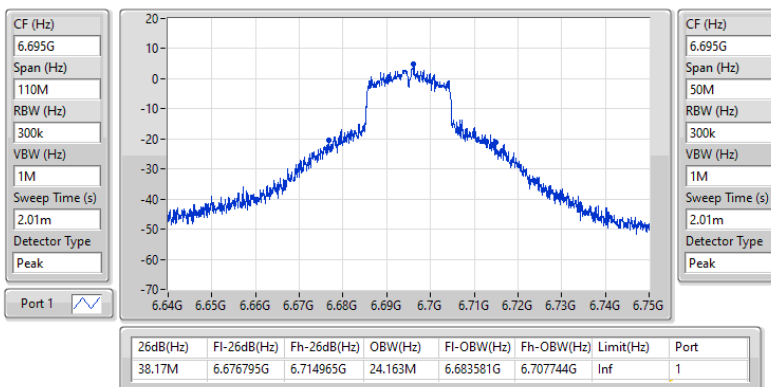


6.525-6.875GHz\_802.11ax HEW20\_Nss1,(MCS0)\_1TX

EBW

6695MHz

19/06/2025



**Summary**

| Mode                           | Max-N dB<br>(Hz) | Max-OBW<br>(Hz) | ITU-Code | Min-N dB<br>(Hz) | Min-OBW<br>(Hz) |
|--------------------------------|------------------|-----------------|----------|------------------|-----------------|
| 5.925-6.425GHz                 | -                | -               | -        | -                | -               |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | 29.425M          | 19.065M         | 19M1D1D  | 21.34M           | 18.891M         |
| 6.525-6.875GHz                 | -                | -               | -        | -                | -               |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | 38.17M           | 24.163M         | 24M2D1D  | 24.2M            | 18.966M         |

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) |
|--------------------------------|--------|---------------|---------------------|--------------------|
| 802.11ax HEW20_Nss1,(MCS0)_1TX | -      | -             | -                   | -                  |
| 5955MHz                        | Pass   | Inf           | 22.385M             | 18.891M            |
| 6195MHz                        | Pass   | Inf           | 29.425M             | 19.065M            |
| 6415MHz                        | Pass   | Inf           | 21.34M              | 18.941M            |
| 6535MHz                        | Pass   | Inf           | 24.2M               | 18.966M            |
| 6695MHz                        | Pass   | Inf           | 38.17M              | 24.163M            |
| 6855MHz                        | Pass   | Inf           | 36.685M             | 22.589M            |

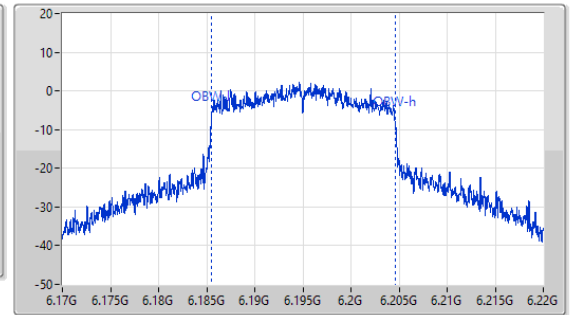
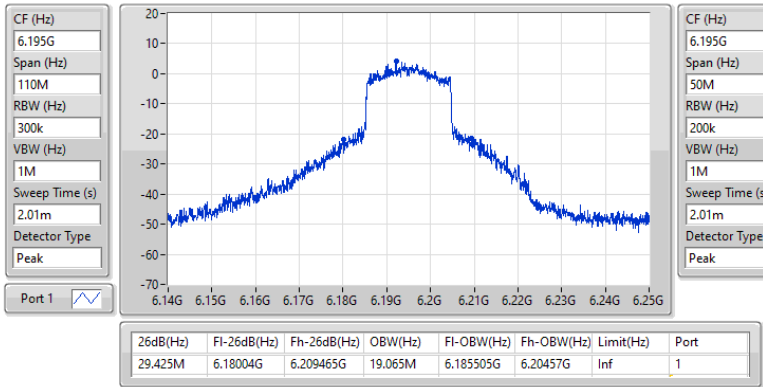
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band  
Port X-OBW = Port X 99% occupied bandwidth

5.925-6.425GHz\_802.11ax HEW20\_Nss1,(MCS0)\_1TX

EBW

6195MHz

19/06/2025

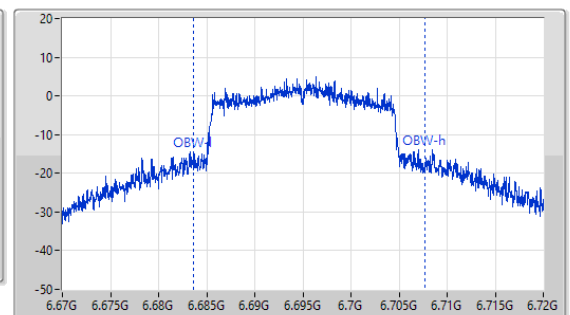
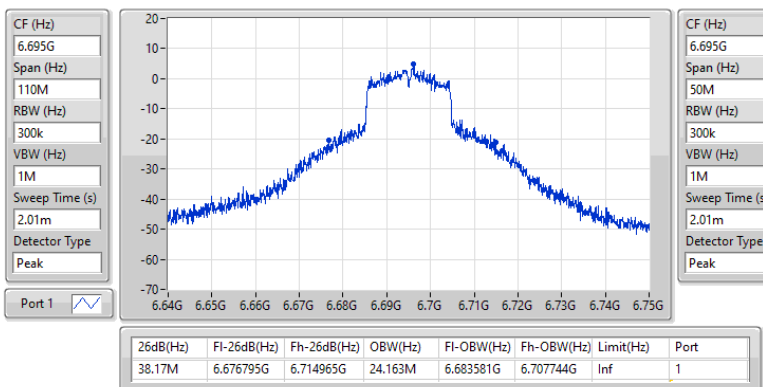


6.525-6.875GHz\_802.11ax HEW20\_Nss1,(MCS0)\_1TX

EBW

6695MHz

19/06/2025





**Average Power\_Non-Beamforming\_  
Radio 3\_Directional Patch\_1T1S\_Full RU**

**Appendix C.1**

**Summary**

| Mode                                   | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|----------------------------------------|----------------------|--------------------|---------------|-------------|
| 5.925-6.425GHz                         | -                    | -                  | -             | -           |
| 802.11be EHT20_Nss1,(MCS0)_1TX(Port3)  | 19.82                | 0.09594            | 25.82         | 0.38194     |
| 802.11be EHT40_Nss1,(MCS0)_1TX(Port3)  | 19.86                | 0.09683            | 25.86         | 0.38548     |
| 802.11be EHT80_Nss1,(MCS0)_1TX(Port3)  | 19.51                | 0.08933            | 25.51         | 0.35563     |
| 802.11be EHT160_Nss1,(MCS0)_1TX(Port3) | 19.97                | 0.09931            | 25.97         | 0.39537     |
| 6.525-6.875GHz                         | -                    | -                  | -             | -           |
| 802.11be EHT20_Nss1,(MCS0)_1TX(Port3)  | 19.59                | 0.09099            | 25.59         | 0.36224     |
| 802.11be EHT40_Nss1,(MCS0)_1TX(Port3)  | 19.58                | 0.09078            | 25.58         | 0.36141     |
| 802.11be EHT80_Nss1,(MCS0)_1TX(Port3)  | 19.69                | 0.09311            | 25.69         | 0.37068     |
| 802.11be EHT160_Nss1,(MCS0)_1TX(Port3) | 19.70                | 0.09333            | 25.70         | 0.37154     |



# Average Power\_Non-Beamforming\_ Radio 3\_Directional Patch\_1T1S\_Full RU

## Appendix C.1

### Result

| Mode                                   | Result | DG<br>(dBi) | Port 3<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|----------------------------------------|--------|-------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11be EHT20_Nss1,(MCS0)_1TX(Port3)  | -      | -           | -               | -                    | -                    | -             | -                   |
| 5955MHz                                | Pass   | 6.00        | 19.62           | 19.62                | Inf                  | 25.62         | 36.00               |
| 6195MHz                                | Pass   | 6.00        | 19.82           | 19.82                | Inf                  | 25.82         | 36.00               |
| 6415MHz                                | Pass   | 6.00        | 18.93           | 18.93                | Inf                  | 24.93         | 36.00               |
| 6535MHz                                | Pass   | 6.00        | 19.05           | 19.05                | Inf                  | 25.05         | 36.00               |
| 6695MHz                                | Pass   | 6.00        | 19.42           | 19.42                | Inf                  | 25.42         | 36.00               |
| 6855MHz                                | Pass   | 6.00        | 19.59           | 19.59                | Inf                  | 25.59         | 36.00               |
| 802.11be EHT40_Nss1,(MCS0)_1TX(Port3)  | -      | -           | -               | -                    | -                    | -             | -                   |
| 5965MHz                                | Pass   | 6.00        | 19.35           | 19.35                | Inf                  | 25.35         | 36.00               |
| 6205MHz                                | Pass   | 6.00        | 19.86           | 19.86                | Inf                  | 25.86         | 36.00               |
| 6405MHz                                | Pass   | 6.00        | 18.87           | 18.87                | Inf                  | 24.87         | 36.00               |
| 6565MHz                                | Pass   | 6.00        | 19.33           | 19.33                | Inf                  | 25.33         | 36.00               |
| 6685MHz                                | Pass   | 6.00        | 19.25           | 19.25                | Inf                  | 25.25         | 36.00               |
| 6845MHz                                | Pass   | 6.00        | 19.58           | 19.58                | Inf                  | 25.58         | 36.00               |
| 802.11be EHT80_Nss1,(MCS0)_1TX(Port3)  | -      | -           | -               | -                    | -                    | -             | -                   |
| 5985MHz                                | Pass   | 6.00        | 19.34           | 19.34                | Inf                  | 25.34         | 36.00               |
| 6225MHz                                | Pass   | 6.00        | 19.51           | 19.51                | Inf                  | 25.51         | 36.00               |
| 6385MHz                                | Pass   | 6.00        | 19.09           | 19.09                | Inf                  | 25.09         | 36.00               |
| 6625MHz                                | Pass   | 6.00        | 19.42           | 19.42                | Inf                  | 25.42         | 36.00               |
| 6705MHz                                | Pass   | 6.00        | 19.36           | 19.36                | Inf                  | 25.36         | 36.00               |
| 6785MHz                                | Pass   | 6.00        | 19.69           | 19.69                | Inf                  | 25.69         | 36.00               |
| 802.11be EHT160_Nss1,(MCS0)_1TX(Port3) | -      | -           | -               | -                    | -                    | -             | -                   |
| 6025MHz                                | Pass   | 6.00        | 19.95           | 19.95                | Inf                  | 25.95         | 36.00               |
| 6185MHz                                | Pass   | 6.00        | 19.97           | 19.97                | Inf                  | 25.97         | 36.00               |
| 6345MHz                                | Pass   | 6.00        | 19.19           | 19.19                | Inf                  | 25.19         | 36.00               |
| 6665MHz                                | Pass   | 6.00        | 19.70           | 19.70                | Inf                  | 25.70         | 36.00               |

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



**Average Power\_Non-Beamforming\_  
Radio 3\_Directional Patch\_2T1S\_Full RU**

**Appendix C.2**

**Summary**

| Mode                                         | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|----------------------------------------------|----------------------|--------------------|---------------|-------------|
| 5.925-6.425GHz                               | -                    | -                  | -             | -           |
| 802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)  | 22.90                | 0.19498            | 28.90         | 0.77625     |
| 802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)  | 22.83                | 0.19187            | 28.83         | 0.76384     |
| 802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)  | 22.58                | 0.18113            | 28.58         | 0.72111     |
| 802.11be EHT160_Nss1,(MCS0)_2TX(Port2&Port3) | 23.09                | 0.20370            | 29.09         | 0.81096     |
| 6.525-6.875GHz                               | -                    | -                  | -             | -           |
| 802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)  | 22.47                | 0.17660            | 28.47         | 0.70307     |
| 802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)  | 22.38                | 0.17298            | 28.38         | 0.68865     |
| 802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)  | 22.32                | 0.17061            | 28.32         | 0.67920     |
| 802.11be EHT160_Nss1,(MCS0)_2TX(Port2&Port3) | 22.45                | 0.17579            | 28.45         | 0.69984     |



## Average Power\_Non-Beamforming\_ Radio 3\_Directional Patch\_2T1S\_Full RU

## Appendix C.2

### Result

| Mode                                         | Result | DG<br>(dBi) | Port 2<br>(dBm) | Port 3<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|----------------------------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)  | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5955MHz                                      | Pass   | 6.00        | 19.70           | 19.63           | 22.68                | Inf                  | 28.68         | 36.00               |
| 6195MHz                                      | Pass   | 6.00        | 19.81           | 19.97           | 22.90                | Inf                  | 28.90         | 36.00               |
| 6415MHz                                      | Pass   | 6.00        | 18.88           | 19.04           | 21.97                | Inf                  | 27.97         | 36.00               |
| 6535MHz                                      | Pass   | 6.00        | 18.94           | 19.00           | 21.98                | Inf                  | 27.98         | 36.00               |
| 6695MHz                                      | Pass   | 6.00        | 19.04           | 19.51           | 22.29                | Inf                  | 28.29         | 36.00               |
| 6855MHz                                      | Pass   | 6.00        | 19.32           | 19.59           | 22.47                | Inf                  | 28.47         | 36.00               |
| 802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)  | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5965MHz                                      | Pass   | 6.00        | 18.78           | 18.86           | 21.83                | Inf                  | 27.83         | 36.00               |
| 6205MHz                                      | Pass   | 6.00        | 19.90           | 19.74           | 22.83                | Inf                  | 28.83         | 36.00               |
| 6405MHz                                      | Pass   | 6.00        | 18.81           | 18.99           | 21.91                | Inf                  | 27.91         | 36.00               |
| 6565MHz                                      | Pass   | 6.00        | 18.95           | 19.20           | 22.09                | Inf                  | 28.09         | 36.00               |
| 6685MHz                                      | Pass   | 6.00        | 18.78           | 19.38           | 22.10                | Inf                  | 28.10         | 36.00               |
| 6845MHz                                      | Pass   | 6.00        | 19.17           | 19.56           | 22.38                | Inf                  | 28.38         | 36.00               |
| 802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)  | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5985MHz                                      | Pass   | 6.00        | 18.33           | 18.52           | 21.44                | Inf                  | 27.44         | 36.00               |
| 6225MHz                                      | Pass   | 6.00        | 19.62           | 19.51           | 22.58                | Inf                  | 28.58         | 36.00               |
| 6385MHz                                      | Pass   | 6.00        | 19.07           | 19.11           | 22.10                | Inf                  | 28.10         | 36.00               |
| 6625MHz                                      | Pass   | 6.00        | 18.99           | 19.48           | 22.25                | Inf                  | 28.25         | 36.00               |
| 6705MHz                                      | Pass   | 6.00        | 18.87           | 19.43           | 22.17                | Inf                  | 28.17         | 36.00               |
| 6785MHz                                      | Pass   | 6.00        | 18.83           | 19.75           | 22.32                | Inf                  | 28.32         | 36.00               |
| 802.11be EHT160_Nss1,(MCS0)_2TX(Port2&Port3) | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 6025MHz                                      | Pass   | 6.00        | 18.84           | 19.12           | 21.99                | Inf                  | 27.99         | 36.00               |
| 6185MHz                                      | Pass   | 6.00        | 20.13           | 20.03           | 23.09                | Inf                  | 29.09         | 36.00               |
| 6345MHz                                      | Pass   | 6.00        | 19.54           | 19.32           | 22.44                | Inf                  | 28.44         | 36.00               |
| 6665MHz                                      | Pass   | 6.00        | 19.13           | 19.73           | 22.45                | Inf                  | 28.45         | 36.00               |

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



**Average Power\_Non-Beamforming\_  
Radio 3\_Directional Patch\_4T1S\_Full RU**

**Appendix C.3**

**Summary**

| Mode                            | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|---------------------------------|----------------------|--------------------|---------------|-------------|
| 5.925-6.425GHz                  | -                    | -                  | -             | -           |
| 802.11be EHT20_Nss1,(MCS0)_4TX  | 24.23                | 0.26485            | 30.23         | 1.05439     |
| 802.11be EHT40_Nss1,(MCS0)_4TX  | 25.72                | 0.37325            | 31.72         | 1.48594     |
| 802.11be EHT80_Nss1,(MCS0)_4TX  | 25.58                | 0.36141            | 31.58         | 1.43880     |
| 802.11be EHT160_Nss1,(MCS0)_4TX | 26.01                | 0.39902            | 32.01         | 1.58855     |
| 6.525-6.875GHz                  | -                    | -                  | -             | -           |
| 802.11be EHT20_Nss1,(MCS0)_4TX  | 24.27                | 0.26730            | 30.27         | 1.06414     |
| 802.11be EHT40_Nss1,(MCS0)_4TX  | 25.47                | 0.35237            | 31.47         | 1.40281     |
| 802.11be EHT80_Nss1,(MCS0)_4TX  | 25.57                | 0.36058            | 31.57         | 1.43549     |
| 802.11be EHT160_Nss1,(MCS0)_4TX | 25.70                | 0.37154            | 31.70         | 1.47911     |



# **Average Power\_Non-Beamforming\_ Radio 3\_Directional Patch\_4T1S\_Full RU**

## **Appendix C.3**

### **Result**

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Port 3<br>(dBm) | Port 4<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|---------------------------------|--------|-------------|-----------------|-----------------|-----------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11be EHT20_Nss1,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -             | -                   |
| 5955MHz                         | Pass   | 6.00        | 17.18           | 18.25           | 18.26           | 17.08           | 23.75                | Inf                  | 29.75         | 36.00               |
| 6195MHz                         | Pass   | 6.00        | 18.06           | 18.19           | 18.15           | 18.44           | 24.23                | Inf                  | 30.23         | 36.00               |
| 6415MHz                         | Pass   | 6.00        | 18.62           | 17.88           | 17.92           | 18.15           | 24.17                | Inf                  | 30.17         | 36.00               |
| 6535MHz                         | Pass   | 6.00        | 18.43           | 18.00           | 17.83           | 18.69           | 24.27                | Inf                  | 30.27         | 36.00               |
| 6695MHz                         | Pass   | 6.00        | 17.78           | 17.62           | 18.01           | 18.10           | 23.90                | Inf                  | 29.90         | 36.00               |
| 6855MHz                         | Pass   | 6.00        | 17.71           | 18.36           | 18.67           | 18.20           | 24.27                | Inf                  | 30.27         | 36.00               |
| 802.11be EHT40_Nss1,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -             | -                   |
| 5965MHz                         | Pass   | 6.00        | 16.94           | 17.65           | 18.02           | 16.60           | 23.36                | Inf                  | 29.36         | 36.00               |
| 6205MHz                         | Pass   | 6.00        | 19.47           | 19.87           | 19.84           | 19.61           | 25.72                | Inf                  | 31.72         | 36.00               |
| 6405MHz                         | Pass   | 6.00        | 19.23           | 18.86           | 18.92           | 19.05           | 25.04                | Inf                  | 31.04         | 36.00               |
| 6565MHz                         | Pass   | 6.00        | 19.56           | 18.97           | 19.36           | 19.86           | 25.47                | Inf                  | 31.47         | 36.00               |
| 6685MHz                         | Pass   | 6.00        | 19.51           | 18.80           | 19.35           | 19.49           | 25.32                | Inf                  | 31.32         | 36.00               |
| 6845MHz                         | Pass   | 6.00        | 18.71           | 19.22           | 19.57           | 19.69           | 25.33                | Inf                  | 31.33         | 36.00               |
| 802.11be EHT80_Nss1,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -             | -                   |
| 5985MHz                         | Pass   | 6.00        | 16.69           | 17.34           | 17.60           | 16.31           | 23.04                | Inf                  | 29.04         | 36.00               |
| 6225MHz                         | Pass   | 6.00        | 19.33           | 19.74           | 19.64           | 19.52           | 25.58                | Inf                  | 31.58         | 36.00               |
| 6385MHz                         | Pass   | 6.00        | 19.51           | 19.17           | 19.20           | 19.25           | 25.31                | Inf                  | 31.31         | 36.00               |
| 6625MHz                         | Pass   | 6.00        | 19.60           | 19.04           | 19.60           | 19.93           | 25.57                | Inf                  | 31.57         | 36.00               |
| 6705MHz                         | Pass   | 6.00        | 19.46           | 18.91           | 19.55           | 19.49           | 25.38                | Inf                  | 31.38         | 36.00               |
| 6785MHz                         | Pass   | 6.00        | 19.03           | 18.78           | 19.78           | 19.35           | 25.27                | Inf                  | 31.27         | 36.00               |
| 802.11be EHT160_Nss1,(MCS0)_4TX | -      | -           | -               | -               | -               | -               | -                    | -                    | -             | -                   |
| 6025MHz                         | Pass   | 6.00        | 17.63           | 18.23           | 18.55           | 17.64           | 24.05                | Inf                  | 30.05         | 36.00               |
| 6185MHz                         | Pass   | 6.00        | 19.55           | 20.27           | 20.05           | 20.06           | 26.01                | Inf                  | 32.01         | 36.00               |
| 6345MHz                         | Pass   | 6.00        | 19.72           | 19.61           | 19.30           | 19.66           | 25.60                | Inf                  | 31.60         | 36.00               |
| 6665MHz                         | Pass   | 6.00        | 19.88           | 19.09           | 19.78           | 19.91           | 25.70                | Inf                  | 31.70         | 36.00               |

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



**Average Power\_Non-Beamforming\_  
Radio 3\_Omnidirectional\_1T1S\_Full RU**

**Appendix C.4**

**Summary**

| Mode                                   | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|----------------------------------------|----------------------|--------------------|---------------|-------------|
| 5.925-6.425GHz                         | -                    | -                  | -             | -           |
| 802.11be EHT20_Nss1,(MCS0)_1TX(Port3)  | 19.82                | 0.09594            | 23.82         | 0.24099     |
| 802.11be EHT40_Nss1,(MCS0)_1TX(Port3)  | 19.86                | 0.09683            | 23.86         | 0.24322     |
| 802.11be EHT80_Nss1,(MCS0)_1TX(Port3)  | 19.88                | 0.09727            | 23.88         | 0.24434     |
| 802.11be EHT160_Nss1,(MCS0)_1TX(Port3) | 19.97                | 0.09931            | 23.97         | 0.24946     |
| 6.525-6.875GHz                         | -                    | -                  | -             | -           |
| 802.11be EHT20_Nss1,(MCS0)_1TX(Port3)  | 19.59                | 0.09099            | 23.59         | 0.22856     |
| 802.11be EHT40_Nss1,(MCS0)_1TX(Port3)  | 19.58                | 0.09078            | 23.58         | 0.22803     |
| 802.11be EHT80_Nss1,(MCS0)_1TX(Port3)  | 19.69                | 0.09311            | 23.69         | 0.23388     |
| 802.11be EHT160_Nss1,(MCS0)_1TX(Port3) | 19.70                | 0.09333            | 23.70         | 0.23442     |



# Average Power\_Non-Beamforming\_ Radio 3\_Omnidirectional\_1T1S\_Full RU

## Appendix C.4

### Result

| Mode                                   | Result | DG<br>(dBi) | Port 3<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|----------------------------------------|--------|-------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11be EHT20_Nss1,(MCS0)_1TX(Port3)  | -      | -           | -               | -                    | -                    | -             | -                   |
| 5955MHz                                | Pass   | 4.00        | 19.62           | 19.62                | Inf                  | 23.62         | 36.00               |
| 6195MHz                                | Pass   | 4.00        | 19.82           | 19.82                | Inf                  | 23.82         | 36.00               |
| 6415MHz                                | Pass   | 4.00        | 18.93           | 18.93                | Inf                  | 22.93         | 36.00               |
| 6535MHz                                | Pass   | 4.00        | 19.05           | 19.05                | Inf                  | 23.05         | 36.00               |
| 6695MHz                                | Pass   | 4.00        | 19.42           | 19.42                | Inf                  | 23.42         | 36.00               |
| 6855MHz                                | Pass   | 4.00        | 19.59           | 19.59                | Inf                  | 23.59         | 36.00               |
| 802.11be EHT40_Nss1,(MCS0)_1TX(Port3)  | -      | -           | -               | -                    | -                    | -             | -                   |
| 5965MHz                                | Pass   | 4.00        | 19.86           | 19.86                | Inf                  | 23.86         | 36.00               |
| 6205MHz                                | Pass   | 4.00        | 19.86           | 19.86                | Inf                  | 23.86         | 36.00               |
| 6405MHz                                | Pass   | 4.00        | 18.87           | 18.87                | Inf                  | 22.87         | 36.00               |
| 6565MHz                                | Pass   | 4.00        | 19.33           | 19.33                | Inf                  | 23.33         | 36.00               |
| 6685MHz                                | Pass   | 4.00        | 19.25           | 19.25                | Inf                  | 23.25         | 36.00               |
| 6845MHz                                | Pass   | 4.00        | 19.58           | 19.58                | Inf                  | 23.58         | 36.00               |
| 802.11be EHT80_Nss1,(MCS0)_1TX(Port3)  | -      | -           | -               | -                    | -                    | -             | -                   |
| 5985MHz                                | Pass   | 4.00        | 19.88           | 19.88                | Inf                  | 23.88         | 36.00               |
| 6225MHz                                | Pass   | 4.00        | 19.51           | 19.51                | Inf                  | 23.51         | 36.00               |
| 6385MHz                                | Pass   | 4.00        | 19.09           | 19.09                | Inf                  | 23.09         | 36.00               |
| 6625MHz                                | Pass   | 4.00        | 19.42           | 19.42                | Inf                  | 23.42         | 36.00               |
| 6705MHz                                | Pass   | 4.00        | 19.36           | 19.36                | Inf                  | 23.36         | 36.00               |
| 6785MHz                                | Pass   | 4.00        | 19.69           | 19.69                | Inf                  | 23.69         | 36.00               |
| 802.11be EHT160_Nss1,(MCS0)_1TX(Port3) | -      | -           | -               | -                    | -                    | -             | -                   |
| 6025MHz                                | Pass   | 4.00        | 19.95           | 19.95                | Inf                  | 23.95         | 36.00               |
| 6185MHz                                | Pass   | 4.00        | 19.97           | 19.97                | Inf                  | 23.97         | 36.00               |
| 6345MHz                                | Pass   | 4.00        | 19.19           | 19.19                | Inf                  | 23.19         | 36.00               |
| 6665MHz                                | Pass   | 4.00        | 19.70           | 19.70                | Inf                  | 23.70         | 36.00               |

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



**Average Power\_Non-Beamforming\_  
Radio 3\_Omnidirectional\_2T1S\_Full RU**

**Appendix C.5**

**Summary**

| Mode                                         | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|----------------------------------------------|----------------------|--------------------|---------------|-------------|
| 5.925-6.425GHz                               | -                    | -                  | -             | -           |
| 802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)  | 22.90                | 0.19498            | 26.90         | 0.48978     |
| 802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)  | 22.83                | 0.19187            | 26.83         | 0.48195     |
| 802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)  | 22.58                | 0.18113            | 26.58         | 0.45499     |
| 802.11be EHT160_Nss1,(MCS0)_2TX(Port2&Port3) | 23.09                | 0.20370            | 27.09         | 0.51168     |
| 6.525-6.875GHz                               | -                    | -                  | -             | -           |
| 802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)  | 22.47                | 0.17660            | 26.47         | 0.44361     |
| 802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)  | 22.38                | 0.17298            | 26.38         | 0.43451     |
| 802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)  | 22.32                | 0.17061            | 26.32         | 0.42855     |
| 802.11be EHT160_Nss1,(MCS0)_2TX(Port2&Port3) | 22.45                | 0.17579            | 26.45         | 0.44157     |



# **Average Power\_Non-Beamforming\_ Radio 3\_Omnidirectional\_2T1S\_Full RU**

## **Appendix C.5**

### **Result**

| Mode                                         | Result | DG<br>(dBi) | Port 2<br>(dBm) | Port 3<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|----------------------------------------------|--------|-------------|-----------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)  | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5955MHz                                      | Pass   | 4.00        | 19.70           | 19.63           | 22.68                | Inf                  | 26.68         | 36.00               |
| 6195MHz                                      | Pass   | 4.00        | 19.81           | 19.97           | 22.90                | Inf                  | 26.90         | 36.00               |
| 6415MHz                                      | Pass   | 4.00        | 18.88           | 19.04           | 21.97                | Inf                  | 25.97         | 36.00               |
| 6535MHz                                      | Pass   | 4.00        | 18.94           | 19.00           | 21.98                | Inf                  | 25.98         | 36.00               |
| 6695MHz                                      | Pass   | 4.00        | 19.04           | 19.51           | 22.29                | Inf                  | 26.29         | 36.00               |
| 6855MHz                                      | Pass   | 4.00        | 19.32           | 19.59           | 22.47                | Inf                  | 26.47         | 36.00               |
| 802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)  | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5965MHz                                      | Pass   | 4.00        | 19.34           | 19.37           | 22.37                | Inf                  | 26.37         | 36.00               |
| 6205MHz                                      | Pass   | 4.00        | 19.90           | 19.74           | 22.83                | Inf                  | 26.83         | 36.00               |
| 6405MHz                                      | Pass   | 4.00        | 18.81           | 18.99           | 21.91                | Inf                  | 25.91         | 36.00               |
| 6565MHz                                      | Pass   | 4.00        | 18.95           | 19.20           | 22.09                | Inf                  | 26.09         | 36.00               |
| 6685MHz                                      | Pass   | 4.00        | 18.78           | 19.38           | 22.10                | Inf                  | 26.10         | 36.00               |
| 6845MHz                                      | Pass   | 4.00        | 19.17           | 19.56           | 22.38                | Inf                  | 26.38         | 36.00               |
| 802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)  | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 5985MHz                                      | Pass   | 4.00        | 18.95           | 19.11           | 22.04                | Inf                  | 26.04         | 36.00               |
| 6225MHz                                      | Pass   | 4.00        | 19.62           | 19.51           | 22.58                | Inf                  | 26.58         | 36.00               |
| 6385MHz                                      | Pass   | 4.00        | 19.07           | 19.11           | 22.10                | Inf                  | 26.10         | 36.00               |
| 6625MHz                                      | Pass   | 4.00        | 18.99           | 19.48           | 22.25                | Inf                  | 26.25         | 36.00               |
| 6705MHz                                      | Pass   | 4.00        | 18.87           | 19.43           | 22.17                | Inf                  | 26.17         | 36.00               |
| 6785MHz                                      | Pass   | 4.00        | 18.83           | 19.75           | 22.32                | Inf                  | 26.32         | 36.00               |
| 802.11be EHT160_Nss1,(MCS0)_2TX(Port2&Port3) | -      | -           | -               | -               | -                    | -                    | -             | -                   |
| 6025MHz                                      | Pass   | 4.00        | 19.42           | 19.64           | 22.54                | Inf                  | 26.54         | 36.00               |
| 6185MHz                                      | Pass   | 4.00        | 20.13           | 20.03           | 23.09                | Inf                  | 27.09         | 36.00               |
| 6345MHz                                      | Pass   | 4.00        | 19.54           | 19.32           | 22.44                | Inf                  | 26.44         | 36.00               |
| 6665MHz                                      | Pass   | 4.00        | 19.13           | 19.73           | 22.45                | Inf                  | 26.45         | 36.00               |

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



**Average Power\_Non-Beamforming\_  
Radio 3\_Omnidirectional\_4T1S\_Full RU**

**Appendix C.6**

**Summary**

| Mode                            | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|---------------------------------|----------------------|--------------------|---------------|-------------|
| 5.925-6.425GHz                  | -                    | -                  | -             | -           |
| 802.11be EHT20_Nss1,(MCS0)_4TX  | 25.84                | 0.38371            | 29.84         | 0.96383     |
| 802.11be EHT40_Nss1,(MCS0)_4TX  | 25.72                | 0.37325            | 29.72         | 0.93756     |
| 802.11be EHT80_Nss1,(MCS0)_4TX  | 25.58                | 0.36141            | 29.58         | 0.90782     |
| 802.11be EHT160_Nss1,(MCS0)_4TX | 26.01                | 0.39902            | 30.01         | 1.00231     |
| 6.525-6.875GHz                  | -                    | -                  | -             | -           |
| 802.11be EHT20_Nss1,(MCS0)_4TX  | 25.47                | 0.35237            | 29.47         | 0.88512     |
| 802.11be EHT40_Nss1,(MCS0)_4TX  | 25.47                | 0.35237            | 29.47         | 0.88512     |
| 802.11be EHT80_Nss1,(MCS0)_4TX  | 25.57                | 0.36058            | 29.57         | 0.90573     |
| 802.11be EHT160_Nss1,(MCS0)_4TX | 25.70                | 0.37154            | 29.70         | 0.93325     |



# Average Power\_Non-Beamforming\_ Radio 3\_Omnidirectional\_4T1S\_Full RU

## Appendix C.6

### Result

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Port 3<br>(dBm) | Port 4<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|---------------------------------|--------|-------------|-----------------|-----------------|-----------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11be EHT20_Nss1,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -             | -                   |
| 5955MHz                         | Pass   | 4.00        | 18.15           | 19.44           | 19.10           | 18.23           | 24.79                | Inf                  | 28.79         | 36.00               |
| 6195MHz                         | Pass   | 4.00        | 19.45           | 19.86           | 20.03           | 19.91           | 25.84                | Inf                  | 29.84         | 36.00               |
| 6415MHz                         | Pass   | 4.00        | 19.44           | 19.00           | 19.04           | 19.16           | 25.18                | Inf                  | 29.18         | 36.00               |
| 6535MHz                         | Pass   | 4.00        | 19.55           | 19.15           | 18.96           | 19.76           | 25.39                | Inf                  | 29.39         | 36.00               |
| 6695MHz                         | Pass   | 4.00        | 19.61           | 19.16           | 19.48           | 19.53           | 25.47                | Inf                  | 29.47         | 36.00               |
| 6855MHz                         | Pass   | 4.00        | 18.80           | 19.34           | 19.69           | 19.47           | 25.36                | Inf                  | 29.36         | 36.00               |
| 802.11be EHT40_Nss1,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -             | -                   |
| 5965MHz                         | Pass   | 4.00        | 17.45           | 18.21           | 18.55           | 17.09           | 23.88                | Inf                  | 27.88         | 36.00               |
| 6205MHz                         | Pass   | 4.00        | 19.47           | 19.87           | 19.84           | 19.61           | 25.72                | Inf                  | 29.72         | 36.00               |
| 6405MHz                         | Pass   | 4.00        | 19.23           | 18.86           | 18.92           | 19.05           | 25.04                | Inf                  | 29.04         | 36.00               |
| 6565MHz                         | Pass   | 4.00        | 19.56           | 18.97           | 19.36           | 19.86           | 25.47                | Inf                  | 29.47         | 36.00               |
| 6685MHz                         | Pass   | 4.00        | 19.51           | 18.80           | 19.35           | 19.49           | 25.32                | Inf                  | 29.32         | 36.00               |
| 6845MHz                         | Pass   | 4.00        | 18.71           | 19.22           | 19.57           | 19.69           | 25.33                | Inf                  | 29.33         | 36.00               |
| 802.11be EHT80_Nss1,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -             | -                   |
| 5985MHz                         | Pass   | 4.00        | 17.11           | 17.94           | 18.29           | 16.81           | 23.60                | Inf                  | 27.60         | 36.00               |
| 6225MHz                         | Pass   | 4.00        | 19.33           | 19.74           | 19.64           | 19.52           | 25.58                | Inf                  | 29.58         | 36.00               |
| 6385MHz                         | Pass   | 4.00        | 19.51           | 19.17           | 19.20           | 19.25           | 25.31                | Inf                  | 29.31         | 36.00               |
| 6625MHz                         | Pass   | 4.00        | 19.60           | 19.04           | 19.60           | 19.93           | 25.57                | Inf                  | 29.57         | 36.00               |
| 6705MHz                         | Pass   | 4.00        | 19.46           | 18.91           | 19.55           | 19.49           | 25.38                | Inf                  | 29.38         | 36.00               |
| 6785MHz                         | Pass   | 4.00        | 19.03           | 18.78           | 19.78           | 19.35           | 25.27                | Inf                  | 29.27         | 36.00               |
| 802.11be EHT160_Nss1,(MCS0)_4TX | -      | -           | -               | -               | -               | -               | -                    | -                    | -             | -                   |
| 6025MHz                         | Pass   | 4.00        | 18.26           | 18.93           | 19.20           | 18.30           | 24.71                | Inf                  | 28.71         | 36.00               |
| 6185MHz                         | Pass   | 4.00        | 19.55           | 20.27           | 20.05           | 20.06           | 26.01                | Inf                  | 30.01         | 36.00               |
| 6345MHz                         | Pass   | 4.00        | 19.72           | 19.61           | 19.30           | 19.66           | 25.60                | Inf                  | 29.60         | 36.00               |
| 6665MHz                         | Pass   | 4.00        | 19.88           | 19.09           | 19.78           | 19.91           | 25.70                | Inf                  | 29.70         | 36.00               |

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



**Summary**

| Mode                           | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|--------------------------------|----------------------|--------------------|---------------|-------------|
| 5.925-6.425GHz                 | -                    | -                  | -             | -           |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | 12.65                | 0.01841            | 18.65         | 0.07328     |
| 6.525-6.875GHz                 | -                    | -                  | -             | -           |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | 12.80                | 0.01905            | 18.80         | 0.07586     |



# Average Power\_Non-Beamforming\_ Scan Radio\_Directional Patch

## Appendix C.7

### Result

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|--------------------------------|--------|-------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11ax HEW20_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5955MHz                        | Pass   | 6.00        | 12.61           | 12.61                | Inf                  | 18.61         | 36.00               |
| 6195MHz                        | Pass   | 6.00        | 12.65           | 12.65                | Inf                  | 18.65         | 36.00               |
| 6415MHz                        | Pass   | 6.00        | 12.16           | 12.16                | Inf                  | 18.16         | 36.00               |
| 6535MHz                        | Pass   | 6.00        | 12.80           | 12.80                | Inf                  | 18.80         | 36.00               |
| 6695MHz                        | Pass   | 6.00        | 12.72           | 12.72                | Inf                  | 18.72         | 36.00               |
| 6855MHz                        | Pass   | 6.00        | 12.25           | 12.25                | Inf                  | 18.25         | 36.00               |

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



## Average Power\_Non-Beamforming\_ Scan Radio\_Omnidirectional

## Appendix C.8

### Summary

| Mode                           | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|--------------------------------|----------------------|--------------------|---------------|-------------|
| 5.925-6.425GHz                 | -                    | -                  | -             | -           |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | 12.65                | 0.01841            | 16.65         | 0.04624     |
| 6.525-6.875GHz                 | -                    | -                  | -             | -           |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | 12.80                | 0.01905            | 16.80         | 0.04786     |



## Average Power\_Non-Beamforming\_ Scan Radio\_Omnidirectional

## Appendix C.8

### Result

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|--------------------------------|--------|-------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11ax HEW20_Nss1,(MCS0)_1TX | -      | -           | -               | -                    | -                    | -             | -                   |
| 5955MHz                        | Pass   | 4.00        | 12.61           | 12.61                | Inf                  | 16.61         | 36.00               |
| 6195MHz                        | Pass   | 4.00        | 12.65           | 12.65                | Inf                  | 16.65         | 36.00               |
| 6415MHz                        | Pass   | 4.00        | 12.16           | 12.16                | Inf                  | 16.16         | 36.00               |
| 6535MHz                        | Pass   | 4.00        | 12.80           | 12.80                | Inf                  | 16.80         | 36.00               |
| 6695MHz                        | Pass   | 4.00        | 12.72           | 12.72                | Inf                  | 16.72         | 36.00               |
| 6855MHz                        | Pass   | 4.00        | 12.25           | 12.25                | Inf                  | 16.25         | 36.00               |

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

**Summary**

| Mode                               | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|------------------------------------|----------------------|--------------------|---------------|-------------|
| 5.925-6.425GHz                     | -                    | -                  | -             | -           |
| 802.11be EHT20-BF_Nss1,(MCS0)_4TX  | 23.12                | 0.20512            | 35.14         | 3.26588     |
| 802.11be EHT40-BF_Nss1,(MCS0)_4TX  | 23.41                | 0.21928            | 35.43         | 3.49140     |
| 802.11be EHT80-BF_Nss1,(MCS0)_4TX  | 23.44                | 0.22080            | 35.46         | 3.51560     |
| 802.11be EHT160-BF_Nss1,(MCS0)_4TX | 23.44                | 0.22080            | 35.46         | 3.51560     |
| 6.525-6.875GHz                     | -                    | -                  | -             | -           |
| 802.11be EHT20-BF_Nss1,(MCS0)_4TX  | 23.28                | 0.21281            | 35.30         | 3.38844     |
| 802.11be EHT40-BF_Nss1,(MCS0)_4TX  | 23.33                | 0.21528            | 35.35         | 3.42768     |
| 802.11be EHT80-BF_Nss1,(MCS0)_4TX  | 23.45                | 0.22131            | 35.47         | 3.52371     |
| 802.11be EHT160-BF_Nss1,(MCS0)_4TX | 23.07                | 0.20277            | 35.09         | 3.22849     |

## Result

| Mode                               | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Port 3<br>(dBm) | Port 4<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|------------------------------------|--------|-------------|-----------------|-----------------|-----------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11be EHT20-BF_Nss1,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -             | -                   |
| 5955MHz                            | Pass   | 12.02       | 16.56           | 17.60           | 17.64           | 16.44           | 23.12                | Inf                  | 35.14         | 36.00               |
| 6195MHz                            | Pass   | 12.02       | 16.96           | 17.09           | 17.03           | 17.29           | 23.11                | Inf                  | 35.13         | 36.00               |
| 6415MHz                            | Pass   | 12.02       | 17.52           | 16.75           | 16.80           | 17.04           | 23.06                | Inf                  | 35.08         | 36.00               |
| 6535MHz                            | Pass   | 12.02       | 17.28           | 16.87           | 16.72           | 17.56           | 23.14                | Inf                  | 35.16         | 36.00               |
| 6695MHz                            | Pass   | 12.02       | 17.18           | 16.97           | 17.41           | 17.47           | 23.28                | Inf                  | 35.30         | 36.00               |
| 6855MHz                            | Pass   | 12.02       | 16.57           | 17.24           | 17.57           | 17.05           | 23.14                | Inf                  | 35.16         | 36.00               |
| 802.11be EHT40-BF_Nss1,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -             | -                   |
| 5965MHz                            | Pass   | 12.02       | 16.94           | 17.65           | 18.02           | 16.60           | 23.36                | Inf                  | 35.38         | 36.00               |
| 6205MHz                            | Pass   | 12.02       | 16.86           | 17.22           | 17.22           | 17.01           | 23.10                | Inf                  | 35.12         | 36.00               |
| 6405MHz                            | Pass   | 12.02       | 17.59           | 17.23           | 17.28           | 17.45           | 23.41                | Inf                  | 35.43         | 36.00               |
| 6565MHz                            | Pass   | 12.02       | 17.42           | 16.86           | 17.22           | 17.71           | 23.33                | Inf                  | 35.35         | 36.00               |
| 6685MHz                            | Pass   | 12.02       | 17.39           | 16.69           | 17.25           | 17.34           | 23.20                | Inf                  | 35.22         | 36.00               |
| 6845MHz                            | Pass   | 12.02       | 16.61           | 17.10           | 17.46           | 17.54           | 23.21                | Inf                  | 35.23         | 36.00               |
| 802.11be EHT80-BF_Nss1,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -             | -                   |
| 5985MHz                            | Pass   | 12.02       | 16.69           | 17.34           | 17.60           | 16.31           | 23.04                | Inf                  | 35.06         | 36.00               |
| 6225MHz                            | Pass   | 12.02       | 17.19           | 17.61           | 17.49           | 17.37           | 23.44                | Inf                  | 35.46         | 36.00               |
| 6385MHz                            | Pass   | 12.02       | 17.41           | 17.03           | 17.10           | 17.12           | 23.19                | Inf                  | 35.21         | 36.00               |
| 6625MHz                            | Pass   | 12.02       | 17.45           | 16.93           | 17.48           | 17.81           | 23.45                | Inf                  | 35.47         | 36.00               |
| 6705MHz                            | Pass   | 12.02       | 17.31           | 16.79           | 17.42           | 17.35           | 23.25                | Inf                  | 35.27         | 36.00               |
| 6785MHz                            | Pass   | 12.02       | 16.92           | 16.68           | 17.63           | 17.22           | 23.15                | Inf                  | 35.17         | 36.00               |
| 802.11be EHT160-BF_Nss1,(MCS0)_4TX | -      | -           | -               | -               | -               | -               | -                    | -                    | -             | -                   |
| 6025MHz                            | Pass   | 12.02       | 17.00           | 17.63           | 17.94           | 17.03           | 23.44                | Inf                  | 35.46         | 36.00               |
| 6185MHz                            | Pass   | 12.02       | 16.92           | 17.65           | 17.42           | 17.43           | 23.38                | Inf                  | 35.40         | 36.00               |
| 6345MHz                            | Pass   | 12.02       | 17.07           | 16.99           | 16.67           | 17.03           | 22.96                | Inf                  | 34.98         | 36.00               |
| 6665MHz                            | Pass   | 12.02       | 17.26           | 16.44           | 17.16           | 17.27           | 23.07                | Inf                  | 35.09         | 36.00               |

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

**Summary**

| Mode                               | Total Power<br>(dBm) | Total Power<br>(W) | EIRP<br>(dBm) | EIRP<br>(W) |
|------------------------------------|----------------------|--------------------|---------------|-------------|
| 5.925-6.425GHz                     | -                    | -                  | -             | -           |
| 802.11be EHT20-BF_Nss1,(MCS0)_4TX  | 25.21                | 0.33189            | 35.23         | 3.33426     |
| 802.11be EHT40-BF_Nss1,(MCS0)_4TX  | 25.10                | 0.32359            | 35.12         | 3.25087     |
| 802.11be EHT80-BF_Nss1,(MCS0)_4TX  | 25.31                | 0.33963            | 35.33         | 3.41193     |
| 802.11be EHT160-BF_Nss1,(MCS0)_4TX | 25.38                | 0.34514            | 35.40         | 3.46737     |
| 6.525-6.875GHz                     | -                    | -                  | -             | -           |
| 802.11be EHT20-BF_Nss1,(MCS0)_4TX  | 25.47                | 0.35237            | 35.49         | 3.53997     |
| 802.11be EHT40-BF_Nss1,(MCS0)_4TX  | 25.47                | 0.35237            | 35.49         | 3.53997     |
| 802.11be EHT80-BF_Nss1,(MCS0)_4TX  | 25.42                | 0.34834            | 35.44         | 3.49945     |
| 802.11be EHT160-BF_Nss1,(MCS0)_4TX | 25.07                | 0.32137            | 35.09         | 3.22849     |



**Result**

| Mode                               | Result | DG<br>(dBi) | Port 1<br>(dBm) | Port 2<br>(dBm) | Port 3<br>(dBm) | Port 4<br>(dBm) | Total Power<br>(dBm) | Power Limit<br>(dBm) | EIRP<br>(dBm) | EIRP Limit<br>(dBm) |
|------------------------------------|--------|-------------|-----------------|-----------------|-----------------|-----------------|----------------------|----------------------|---------------|---------------------|
| 802.11be EHT20-BF_Nss1,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -             | -                   |
| 5955MHz                            | Pass   | 10.02       | 18.15           | 19.44           | 19.10           | 18.23           | 24.79                | Inf                  | 34.81         | 36.00               |
| 6195MHz                            | Pass   | 10.02       | 18.85           | 19.22           | 19.39           | 19.29           | 25.21                | Inf                  | 35.23         | 36.00               |
| 6415MHz                            | Pass   | 10.02       | 19.44           | 19.00           | 19.04           | 19.16           | 25.18                | Inf                  | 35.20         | 36.00               |
| 6535MHz                            | Pass   | 10.02       | 19.55           | 19.15           | 18.96           | 19.76           | 25.39                | Inf                  | 35.41         | 36.00               |
| 6695MHz                            | Pass   | 10.02       | 19.61           | 19.16           | 19.48           | 19.53           | 25.47                | Inf                  | 35.49         | 36.00               |
| 6855MHz                            | Pass   | 10.02       | 18.80           | 19.34           | 19.69           | 19.47           | 25.36                | Inf                  | 35.38         | 36.00               |
| 802.11be EHT40-BF_Nss1,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -             | -                   |
| 5965MHz                            | Pass   | 10.02       | 17.45           | 18.21           | 18.55           | 17.09           | 23.88                | Inf                  | 33.90         | 36.00               |
| 6205MHz                            | Pass   | 10.02       | 18.82           | 19.27           | 19.20           | 19.00           | 25.10                | Inf                  | 35.12         | 36.00               |
| 6405MHz                            | Pass   | 10.02       | 19.23           | 18.86           | 18.92           | 19.05           | 25.04                | Inf                  | 35.06         | 36.00               |
| 6565MHz                            | Pass   | 10.02       | 19.56           | 18.97           | 19.36           | 19.86           | 25.47                | Inf                  | 35.49         | 36.00               |
| 6685MHz                            | Pass   | 10.02       | 19.51           | 18.80           | 19.35           | 19.49           | 25.32                | Inf                  | 35.34         | 36.00               |
| 6845MHz                            | Pass   | 10.02       | 18.71           | 19.22           | 19.57           | 19.69           | 25.33                | Inf                  | 35.35         | 36.00               |
| 802.11be EHT80-BF_Nss1,(MCS0)_4TX  | -      | -           | -               | -               | -               | -               | -                    | -                    | -             | -                   |
| 5985MHz                            | Pass   | 10.02       | 17.11           | 17.94           | 18.29           | 16.81           | 23.60                | Inf                  | 33.62         | 36.00               |
| 6225MHz                            | Pass   | 10.02       | 18.68           | 19.10           | 19.04           | 18.90           | 24.95                | Inf                  | 34.97         | 36.00               |
| 6385MHz                            | Pass   | 10.02       | 19.51           | 19.17           | 19.20           | 19.25           | 25.31                | Inf                  | 35.33         | 36.00               |
| 6625MHz                            | Pass   | 10.02       | 19.46           | 18.90           | 19.43           | 19.78           | 25.42                | Inf                  | 35.44         | 36.00               |
| 6705MHz                            | Pass   | 10.02       | 19.46           | 18.91           | 19.55           | 19.49           | 25.38                | Inf                  | 35.40         | 36.00               |
| 6785MHz                            | Pass   | 10.02       | 19.03           | 18.78           | 19.78           | 19.35           | 25.27                | Inf                  | 35.29         | 36.00               |
| 802.11be EHT160-BF_Nss1,(MCS0)_4TX | -      | -           | -               | -               | -               | -               | -                    | -                    | -             | -                   |
| 6025MHz                            | Pass   | 10.02       | 18.26           | 18.93           | 19.20           | 18.30           | 24.71                | Inf                  | 34.73         | 36.00               |
| 6185MHz                            | Pass   | 10.02       | 18.90           | 19.65           | 19.42           | 19.44           | 25.38                | Inf                  | 35.40         | 36.00               |
| 6345MHz                            | Pass   | 10.02       | 19.08           | 19.01           | 18.70           | 19.01           | 24.97                | Inf                  | 34.99         | 36.00               |
| 6665MHz                            | Pass   | 10.02       | 19.27           | 18.45           | 19.18           | 19.26           | 25.07                | Inf                  | 35.09         | 36.00               |

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



**PSD\_Non-Beamforming\_  
Radio 3\_Directional Patch\_1T1S\_Full RU**

**Appendix D.1**

**Summary**

| Mode                                   | PD<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) |
|----------------------------------------|-----------------|----------------------|
| 5.925-6.425GHz                         | -               | -                    |
| 802.11be EHT20_Nss1,(MCS0)_1TX(Port3)  | 6.40            | 12.40                |
| 802.11be EHT40_Nss1,(MCS0)_1TX(Port3)  | 3.40            | 9.40                 |
| 802.11be EHT80_Nss1,(MCS0)_1TX(Port3)  | 0.00            | 6.00                 |
| 802.11be EHT160_Nss1,(MCS0)_1TX(Port3) | -1.58           | 4.42                 |
| 6.525-6.875GHz                         | -               | -                    |
| 802.11be EHT20_Nss1,(MCS0)_1TX(Port3)  | 6.11            | 12.11                |
| 802.11be EHT40_Nss1,(MCS0)_1TX(Port3)  | 2.93            | 8.93                 |
| 802.11be EHT80_Nss1,(MCS0)_1TX(Port3)  | 0.05            | 6.05                 |
| 802.11be EHT160_Nss1,(MCS0)_1TX(Port3) | -2.62           | 3.38                 |

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



**PSD\_Non-Beamforming\_  
Radio 3\_Directional Patch\_1T1S\_Full RU**

**Appendix D.1**

**Result**

| Mode                                   | Result | DG<br>(dBi) | Port 3<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) | EIRP PD Limit<br>(dBm/RBW) |
|----------------------------------------|--------|-------------|---------------------|-----------------|-----------------------|----------------------|----------------------------|
| 802.11be EHT20_Nss1,(MCS0)_1TX(Port3)  | -      | -           | -                   | -               | -                     | -                    | -                          |
| 5955MHz                                | Pass   | 6.00        | 6.26                | 6.26            | Inf                   | 12.26                | 23.00                      |
| 6195MHz                                | Pass   | 6.00        | 6.40                | 6.40            | Inf                   | 12.40                | 23.00                      |
| 6415MHz                                | Pass   | 6.00        | 5.54                | 5.54            | Inf                   | 11.54                | 23.00                      |
| 6535MHz                                | Pass   | 6.00        | 5.50                | 5.50            | Inf                   | 11.50                | 23.00                      |
| 6695MHz                                | Pass   | 6.00        | 6.01                | 6.01            | Inf                   | 12.01                | 23.00                      |
| 6855MHz                                | Pass   | 6.00        | 6.11                | 6.11            | Inf                   | 12.11                | 23.00                      |
| 802.11be EHT40_Nss1,(MCS0)_1TX(Port3)  | -      | -           | -                   | -               | -                     | -                    | -                          |
| 5965MHz                                | Pass   | 6.00        | 3.04                | 3.04            | Inf                   | 9.04                 | 23.00                      |
| 6205MHz                                | Pass   | 6.00        | 3.40                | 3.40            | Inf                   | 9.40                 | 23.00                      |
| 6405MHz                                | Pass   | 6.00        | 2.37                | 2.37            | Inf                   | 8.37                 | 23.00                      |
| 6565MHz                                | Pass   | 6.00        | 2.75                | 2.75            | Inf                   | 8.75                 | 23.00                      |
| 6685MHz                                | Pass   | 6.00        | 2.79                | 2.79            | Inf                   | 8.79                 | 23.00                      |
| 6845MHz                                | Pass   | 6.00        | 2.93                | 2.93            | Inf                   | 8.93                 | 23.00                      |
| 802.11be EHT80_Nss1,(MCS0)_1TX(Port3)  | -      | -           | -                   | -               | -                     | -                    | -                          |
| 5985MHz                                | Pass   | 6.00        | -0.00               | 0.00            | Inf                   | 6.00                 | 23.00                      |
| 6225MHz                                | Pass   | 6.00        | -0.12               | -0.12           | Inf                   | 5.88                 | 23.00                      |
| 6385MHz                                | Pass   | 6.00        | -0.48               | -0.48           | Inf                   | 5.52                 | 23.00                      |
| 6625MHz                                | Pass   | 6.00        | -0.36               | -0.36           | Inf                   | 5.64                 | 23.00                      |
| 6705MHz                                | Pass   | 6.00        | -0.11               | -0.11           | Inf                   | 5.89                 | 23.00                      |
| 6785MHz                                | Pass   | 6.00        | 0.05                | 0.05            | Inf                   | 6.05                 | 23.00                      |
| 802.11be EHT160_Nss1,(MCS0)_1TX(Port3) | -      | -           | -                   | -               | -                     | -                    | -                          |
| 6025MHz                                | Pass   | 6.00        | -1.58               | -1.58           | Inf                   | 4.42                 | 23.00                      |
| 6185MHz                                | Pass   | 6.00        | -2.50               | -2.50           | Inf                   | 3.50                 | 23.00                      |
| 6345MHz                                | Pass   | 6.00        | -3.33               | -3.33           | Inf                   | 2.67                 | 23.00                      |
| 6665MHz                                | Pass   | 6.00        | -2.62               | -2.62           | Inf                   | 3.38                 | 23.00                      |

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.



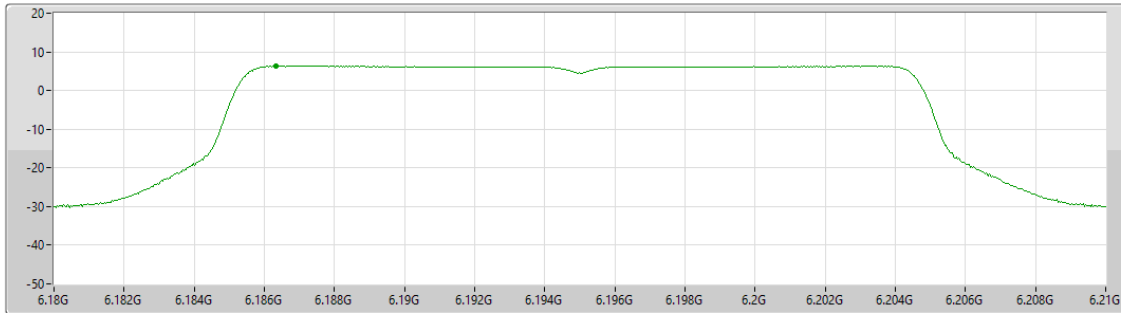
5.925-6.425GHz\_802.11be EHT20\_Nss1,(MCS0)\_1TX(Port3)

PSD

6195MHz

18/06/2025

CF (Hz)  
6.195G  
Span (Hz)  
30M  
RBW (Hz)  
1M  
VBW (Hz)  
3M  
Sweep Time (s)  
54.744  
Detector Type  
RMS



Port 3

| Sum       | PD        | Port 1    | Port 2    | Port 3    |
|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 6.40      | 6.40      | -         | -         | 6.40      |

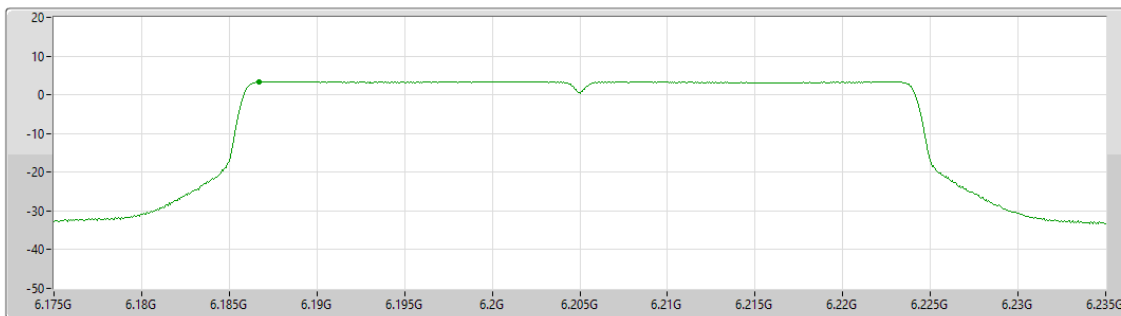
5.925-6.425GHz\_802.11be EHT40\_Nss1,(MCS0)\_1TX(Port3)

PSD

6205MHz

18/06/2025

CF (Hz)  
6.205G  
Span (Hz)  
60M  
RBW (Hz)  
1M  
VBW (Hz)  
3M  
Sweep Time (s)  
54.744  
Detector Type  
RMS



Port 3

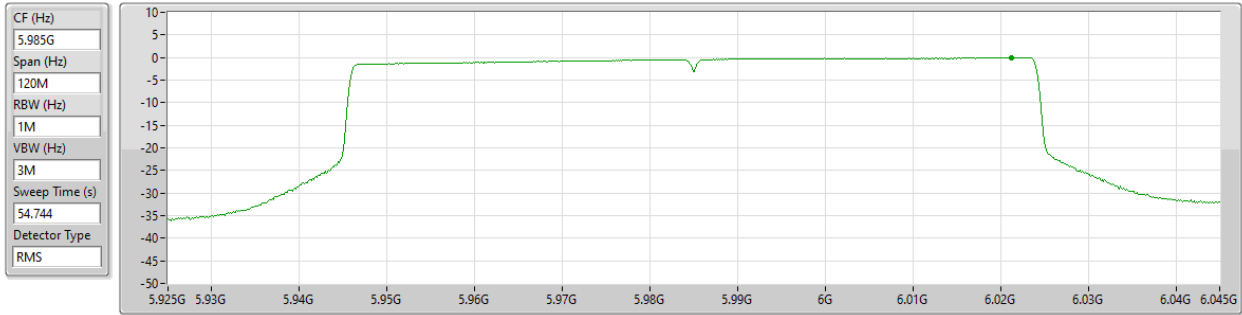
| Sum       | PD        | Port 1    | Port 2    | Port 3    |
|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 3.40      | 3.40      | -         | -         | 3.40      |

5.925-6.425GHz\_802.11be EHT80\_Nss1,(MCS0)\_1TX(Port3)

PSD

5985MHz

19/06/2025



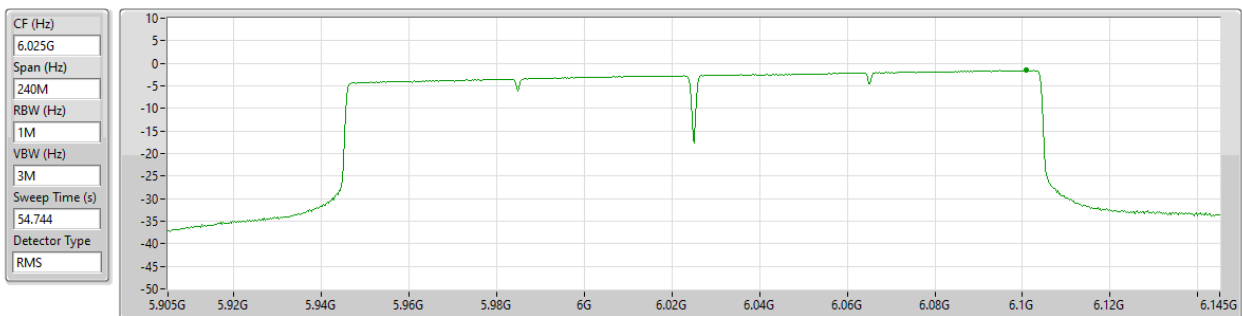
| Sum       | PD        | Port 1    | Port 2    | Port 3    |
|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 0.00      | 0.00      | -         | -         | -0.00     |

5.925-6.425GHz\_802.11be EHT160\_Nss1,(MCS0)\_1TX(Port3)

PSD

6025MHz

18/06/2025



| Sum       | PD        | Port 1    | Port 2    | Port 3    |
|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -1.58     | -1.58     | -         | -         | -1.58     |

6.525-6.875GHz\_802.11be EHT20\_Nss1,(MCS0)\_1TX(Port3)

PSD

6855MHz

18/06/2025

CF (Hz)  
6.855G

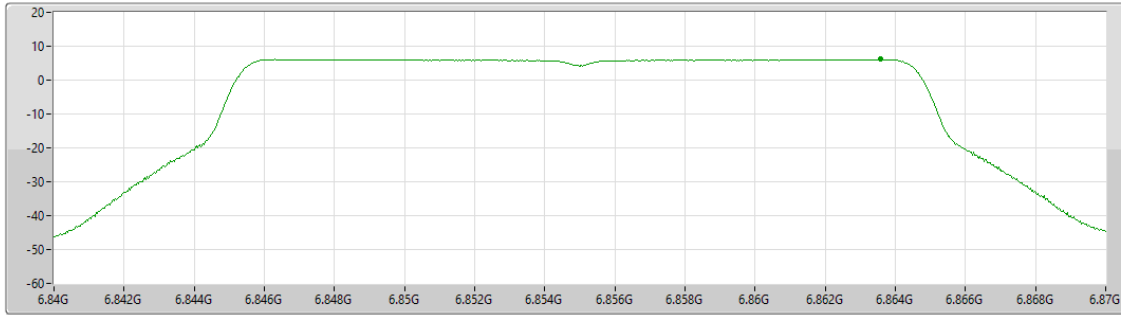
Span (Hz)  
30M

RBW (Hz)  
1M

VBW (Hz)  
3M

Sweep Time (s)  
54.744

Detector Type  
RMS



Port 3 

| Sum       | PD        | Port 1    | Port 2    | Port 3    |
|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 6.11      | 6.11      | -         | -         | 6.11      |

6.525-6.875GHz\_802.11be EHT40\_Nss1,(MCS0)\_1TX(Port3)

PSD

6845MHz

18/06/2025

CF (Hz)  
6.845G

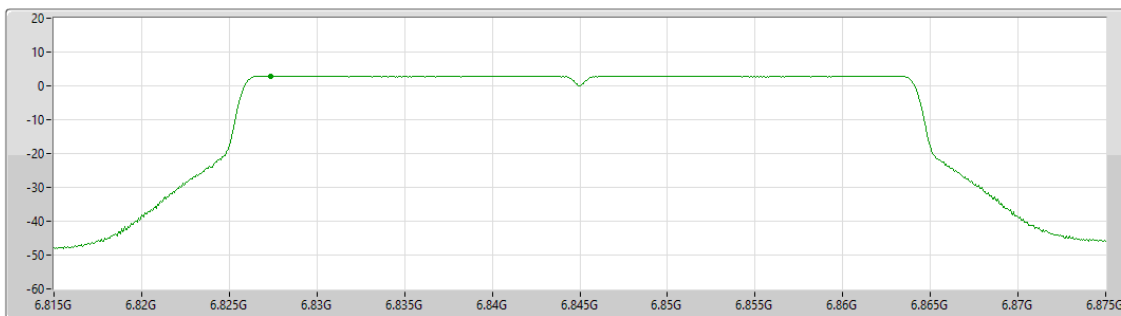
Span (Hz)  
60M

RBW (Hz)  
1M

VBW (Hz)  
3M

Sweep Time (s)  
54.744

Detector Type  
RMS



Port 3 

| Sum       | PD        | Port 1    | Port 2    | Port 3    |
|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 2.93      | 2.93      | -         | -         | 2.93      |

6.525-6.875GHz\_802.11be EHT80\_Nss1,(MCS0)\_1TX(Port3)

PSD

6785MHz

18/06/2025

CF (Hz)  
6.785G

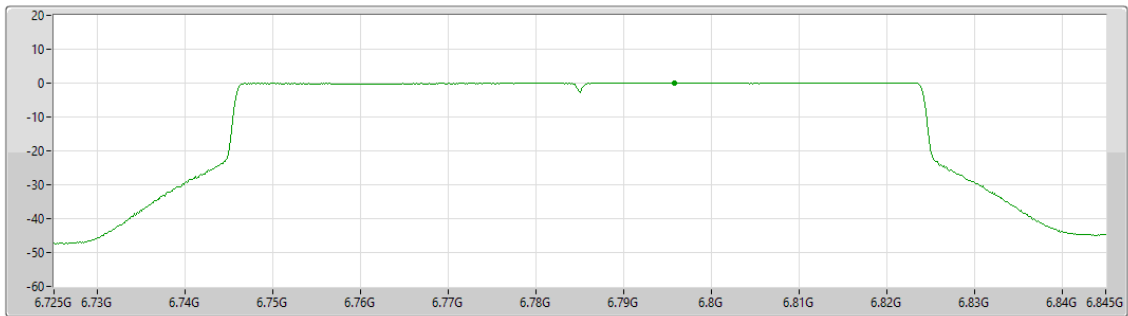
Span (Hz)  
120M

RBW (Hz)  
1M

VBW (Hz)  
3M

Sweep Time (s)  
54.744

Detector Type  
RMS



Port 3 

| Sum       | PD        | Port 1    | Port 2    | Port 3    |
|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 0.05      | 0.05      | -         | -         | 0.05      |

6.525-6.875GHz\_802.11be EHT160\_Nss1,(MCS0)\_1TX(Port3)

PSD

6665MHz

18/06/2025

CF (Hz)  
6.665G

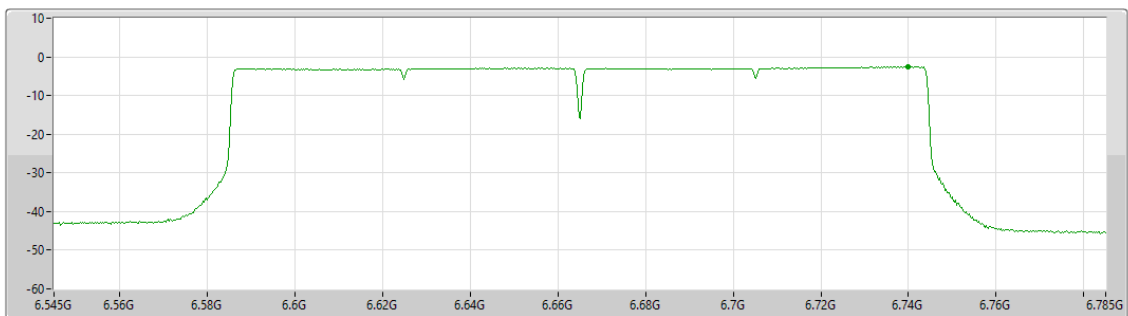
Span (Hz)  
240M

RBW (Hz)  
1M

VBW (Hz)  
3M

Sweep Time (s)  
54.744

Detector Type  
RMS



Port 3 

| Sum       | PD        | Port 1    | Port 2    | Port 3    |
|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -2.62     | -2.62     | -         | -         | -2.62     |



**PSD\_Non-Beamforming\_  
Radio 3\_Directional Patch\_2T1S\_Full RU**

**Appendix D.2**

**Summary**

| Mode                                         | PD<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) |
|----------------------------------------------|-----------------|----------------------|
| 5.925-6.425GHz                               | -               | -                    |
| 802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)  | 9.60            | 18.61                |
| 802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)  | 6.62            | 15.63                |
| 802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)  | 3.15            | 12.16                |
| 802.11be EHT160_Nss1,(MCS0)_2TX(Port2&Port3) | 0.83            | 9.84                 |
| 6.525-6.875GHz                               | -               | -                    |
| 802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)  | 9.24            | 18.25                |
| 802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)  | 6.12            | 15.13                |
| 802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)  | 2.90            | 11.91                |
| 802.11be EHT160_Nss1,(MCS0)_2TX(Port2&Port3) | 0.07            | 9.08                 |

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



**PSD\_Non-Beamforming\_  
Radio 3\_Directional Patch\_2T1S\_Full RU**

**Appendix D.2**

**Result**

| Mode                                         | Result | DG<br>(dBi) | Port 2<br>(dBm/RBW) | Port 3<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) | EIRP PD Limit<br>(dBm/RBW) |
|----------------------------------------------|--------|-------------|---------------------|---------------------|-----------------|-----------------------|----------------------|----------------------------|
| 802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)  | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5955MHz                                      | Pass   | 9.01        | 6.61                | 6.54                | 9.56            | Inf                   | 18.57                | 23.00                      |
| 6195MHz                                      | Pass   | 9.01        | 6.53                | 6.71                | 9.60            | Inf                   | 18.61                | 23.00                      |
| 6415MHz                                      | Pass   | 9.01        | 5.62                | 5.83                | 8.71            | Inf                   | 17.72                | 23.00                      |
| 6535MHz                                      | Pass   | 9.01        | 5.67                | 5.85                | 8.75            | Inf                   | 17.76                | 23.00                      |
| 6695MHz                                      | Pass   | 9.01        | 5.80                | 6.41                | 9.11            | Inf                   | 18.12                | 23.00                      |
| 6855MHz                                      | Pass   | 9.01        | 6.15                | 6.37                | 9.24            | Inf                   | 18.25                | 23.00                      |
| 802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)  | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5965MHz                                      | Pass   | 9.01        | 2.44                | 2.45                | 5.43            | Inf                   | 14.44                | 23.00                      |
| 6205MHz                                      | Pass   | 9.01        | 3.67                | 3.55                | 6.62            | Inf                   | 15.63                | 23.00                      |
| 6405MHz                                      | Pass   | 9.01        | 2.71                | 2.68                | 5.67            | Inf                   | 14.68                | 23.00                      |
| 6565MHz                                      | Pass   | 9.01        | 2.72                | 3.01                | 5.87            | Inf                   | 14.88                | 23.00                      |
| 6685MHz                                      | Pass   | 9.01        | 2.49                | 3.10                | 5.78            | Inf                   | 14.79                | 23.00                      |
| 6845MHz                                      | Pass   | 9.01        | 3.05                | 3.31                | 6.12            | Inf                   | 15.13                | 23.00                      |
| 802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)  | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5985MHz                                      | Pass   | 9.01        | -1.07               | -0.97               | 1.96            | Inf                   | 10.97                | 23.00                      |
| 6225MHz                                      | Pass   | 9.01        | 0.31                | 0.07                | 3.15            | Inf                   | 12.16                | 23.00                      |
| 6385MHz                                      | Pass   | 9.01        | -0.02               | -0.26               | 2.85            | Inf                   | 11.86                | 23.00                      |
| 6625MHz                                      | Pass   | 9.01        | -0.42               | 0.08                | 2.79            | Inf                   | 11.80                | 23.00                      |
| 6705MHz                                      | Pass   | 9.01        | -0.59               | 0.26                | 2.82            | Inf                   | 11.83                | 23.00                      |
| 6785MHz                                      | Pass   | 9.01        | -0.54               | 0.35                | 2.90            | Inf                   | 11.91                | 23.00                      |
| 802.11be EHT160_Nss1,(MCS0)_2TX(Port2&Port3) | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 6025MHz                                      | Pass   | 9.01        | -2.97               | -2.70               | 0.15            | Inf                   | 9.16                 | 23.00                      |
| 6185MHz                                      | Pass   | 9.01        | -2.10               | -2.25               | 0.83            | Inf                   | 9.84                 | 23.00                      |
| 6345MHz                                      | Pass   | 9.01        | -2.10               | -2.98               | 0.46            | Inf                   | 9.47                 | 23.00                      |
| 6665MHz                                      | Pass   | 9.01        | -3.15               | -2.40               | 0.07            | Inf                   | 9.08                 | 23.00                      |

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.

5.925-6.425GHz\_802.11be EHT20\_Nss1,(MCS0)\_2TX(Port2&Port3)

PSD

6195MHz

18/06/2025

CF (Hz)  
6.195G

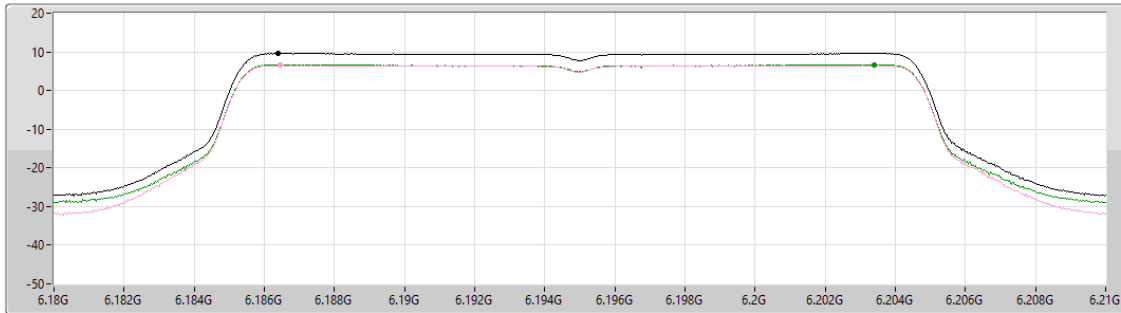
Span (Hz)  
30M

RBW (Hz)  
1M

VBW (Hz)  
3M

Sweep Time (s)  
54.744

Detector Type  
RMS



Sum ☒

Port 2 ☒

Port 3 ☒

| Sum       | PD        | Port 1    | Port 2    | Port 3    |
|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 9.60      | 9.60      | -         | 6.53      | 6.71      |

5.925-6.425GHz\_802.11be EHT40\_Nss1,(MCS0)\_2TX(Port2&Port3)

PSD

6205MHz

18/06/2025

CF (Hz)  
6.205G

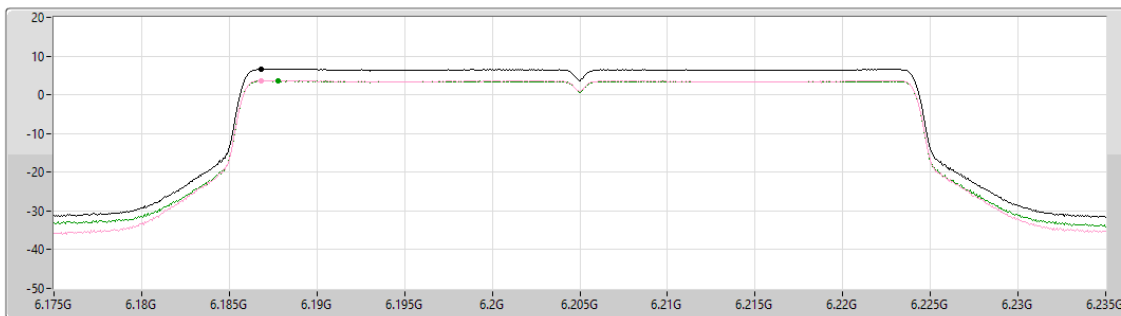
Span (Hz)  
60M

RBW (Hz)  
1M

VBW (Hz)  
3M

Sweep Time (s)  
54.744

Detector Type  
RMS



Sum ☒

Port 2 ☒

Port 3 ☒

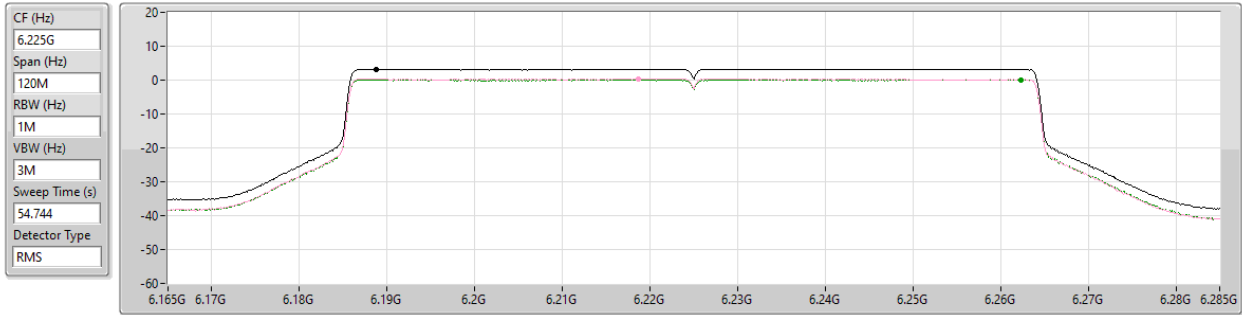
| Sum       | PD        | Port 1    | Port 2    | Port 3    |
|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 6.62      | 6.62      | -         | 3.67      | 3.55      |

5.925-6.425GHz\_802.11be EHT80\_Nss1,(MCS0)\_2TX(Port2&Port3)

PSD

6225MHz

18/06/2025



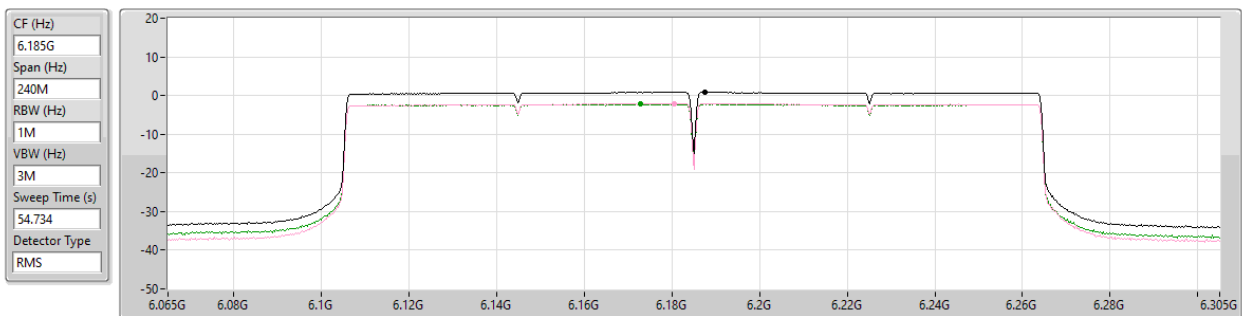
| Sum      | PD       | Port 1   | Port 2   | Port 3   |
|----------|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 3.15     | 3.15     | -        | 0.31     | 0.07     |

5.925-6.425GHz\_802.11be EHT160\_Nss1,(MCS0)\_2TX(Port2&Port3)

PSD

6185MHz

18/06/2025



| Sum      | PD       | Port 1   | Port 2   | Port 3   |
|----------|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 0.83     | 0.83     | -        | -2.10    | -2.25    |

6.525-6.875GHz\_802.11be EHT20\_Nss1,(MCS0)\_2TX(Port2&Port3)

PSD

6855MHz

18/06/2025

CF (Hz)  
6.855G

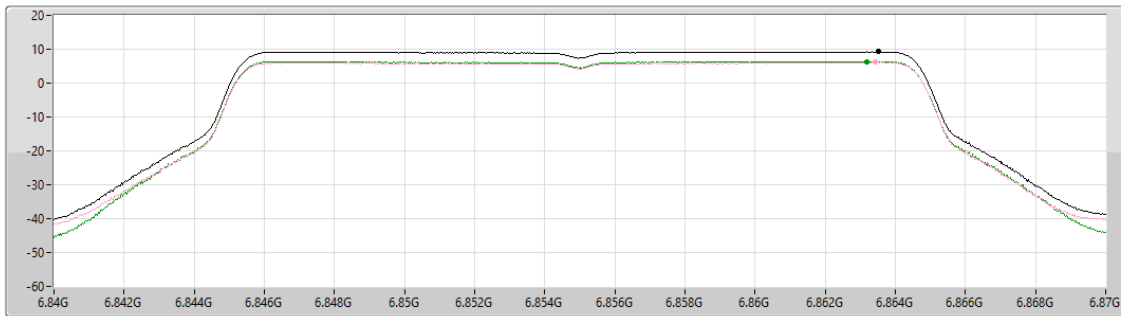
Span (Hz)  
30M

RBW (Hz)  
1M

VBW (Hz)  
3M

Sweep Time (s)  
54.744

Detector Type  
RMS



Sum ☒

Port 2 ☒

Port 3 ☒

| Sum       | PD        | Port 1    | Port 2    | Port 3    |
|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 9.24      | 9.24      | -         | 6.15      | 6.37      |

6.525-6.875GHz\_802.11be EHT40\_Nss1,(MCS0)\_2TX(Port2&Port3)

PSD

6845MHz

18/06/2025

CF (Hz)  
6.845G

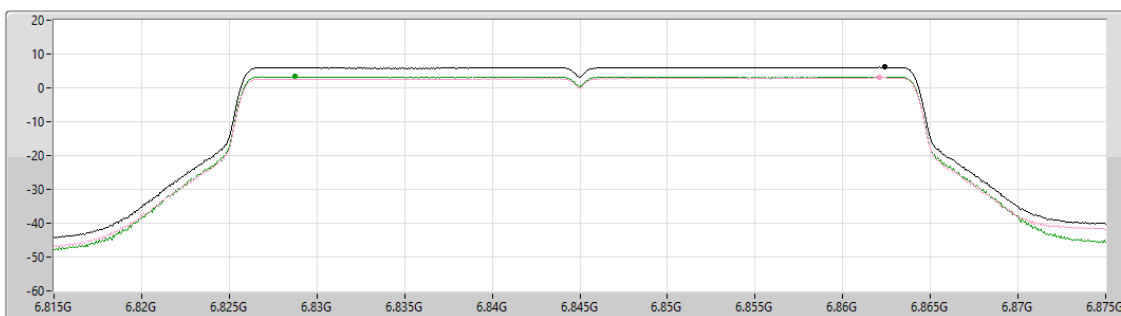
Span (Hz)  
60M

RBW (Hz)  
1M

VBW (Hz)  
3M

Sweep Time (s)  
54.744

Detector Type  
RMS



Sum ☒

Port 2 ☒

Port 3 ☒

| Sum       | PD        | Port 1    | Port 2    | Port 3    |
|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 6.12      | 6.12      | -         | 3.05      | 3.31      |

6.525-6.875GHz\_802.11be EHT80\_Nss1,(MCS0)\_2TX(Port2&Port3)

PSD

6785MHz

18/06/2025

CF (Hz)  
6.785G

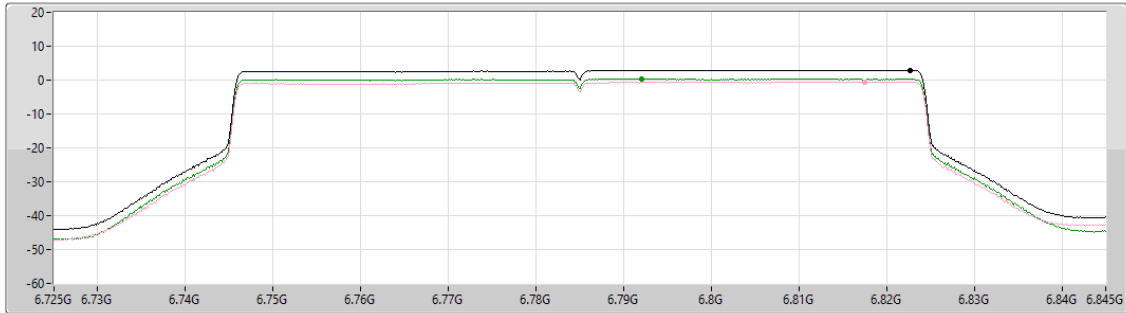
Span (Hz)  
120M

RBW (Hz)  
1M

VBW (Hz)  
3M

Sweep Time (s)  
54.744

Detector Type  
RMS



Sum ☒

Port 2 ☒

Port 3 ☒

| Sum       | PD        | Port 1    | Port 2    | Port 3    |
|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 2.90      | 2.90      | -         | -0.54     | 0.35      |

6.525-6.875GHz\_802.11be EHT160\_Nss1,(MCS0)\_2TX(Port2&Port3)

PSD

6665MHz

18/06/2025

CF (Hz)  
6.665G

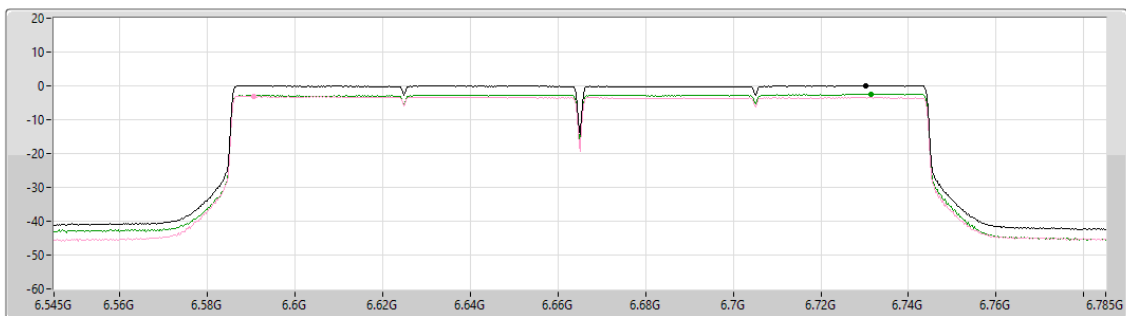
Span (Hz)  
240M

RBW (Hz)  
1M

VBW (Hz)  
3M

Sweep Time (s)  
54.734

Detector Type  
RMS



Sum ☒

Port 2 ☒

Port 3 ☒

| Sum       | PD        | Port 1    | Port 2    | Port 3    |
|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 0.07      | 0.07      | -         | -3.15     | -2.40     |



**PSD\_Non-Beamforming\_  
Radio 3\_Directional Patch\_4T1S\_Full RU**

**Appendix D.3**

**Summary**

| Mode                            | PD<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) |
|---------------------------------|-----------------|----------------------|
| 5.925-6.425GHz                  | -               | -                    |
| 802.11be EHT20_Nss1,(MCS0)_4TX  | 10.73           | 22.75                |
| 802.11be EHT40_Nss1,(MCS0)_4TX  | 9.55            | 21.57                |
| 802.11be EHT80_Nss1,(MCS0)_4TX  | 6.26            | 18.28                |
| 802.11be EHT160_Nss1,(MCS0)_4TX | 3.90            | 15.92                |
| 6.525-6.875GHz                  | -               | -                    |
| 802.11be EHT20_Nss1,(MCS0)_4TX  | 10.92           | 22.94                |
| 802.11be EHT40_Nss1,(MCS0)_4TX  | 9.37            | 21.39                |
| 802.11be EHT80_Nss1,(MCS0)_4TX  | 6.33            | 18.35                |
| 802.11be EHT160_Nss1,(MCS0)_4TX | 3.46            | 15.48                |

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



**PSD\_Non-Beamforming\_  
Radio 3\_Directional Patch\_4T1S\_Full RU**

**Appendix D.3**

**Result**

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) | Port 3<br>(dBm/RBW) | Port 4<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) | EIRP PD Limit<br>(dBm/RBW) |
|---------------------------------|--------|-------------|---------------------|---------------------|---------------------|---------------------|-----------------|-----------------------|----------------------|----------------------------|
| 802.11be EHT20_Nss1,(MCS0)_4TX  | -      | -           | -                   | -                   | -                   | -                   | -               | -                     | -                    | -                          |
| 5955MHz                         | Pass   | 12.02       | 3.64                | 5.20                | 5.08                | 3.69                | 10.45           | Inf                   | 22.47                | 23.00                      |
| 6195MHz                         | Pass   | 12.02       | 4.64                | 4.80                | 4.76                | 5.14                | 10.73           | Inf                   | 22.75                | 23.00                      |
| 6415MHz                         | Pass   | 12.02       | 5.05                | 4.69                | 4.51                | 4.96                | 10.71           | Inf                   | 22.73                | 23.00                      |
| 6535MHz                         | Pass   | 12.02       | 5.05                | 4.90                | 4.56                | 5.66                | 10.92           | Inf                   | 22.94                | 23.00                      |
| 6695MHz                         | Pass   | 12.02       | 4.49                | 4.63                | 4.63                | 4.82                | 10.56           | Inf                   | 22.58                | 23.00                      |
| 6855MHz                         | Pass   | 12.02       | 4.18                | 5.00                | 5.49                | 4.97                | 10.88           | Inf                   | 22.90                | 23.00                      |
| 802.11be EHT40_Nss1,(MCS0)_4TX  | -      | -           | -                   | -                   | -                   | -                   | -               | -                     | -                    | -                          |
| 5965MHz                         | Pass   | 12.02       | 0.82                | 1.48                | 1.82                | 0.06                | 7.04            | Inf                   | 19.06                | 23.00                      |
| 6205MHz                         | Pass   | 12.02       | 3.36                | 3.98                | 3.68                | 3.63                | 9.55            | Inf                   | 21.57                | 23.00                      |
| 6405MHz                         | Pass   | 12.02       | 3.11                | 2.74                | 2.96                | 2.85                | 8.83            | Inf                   | 20.85                | 23.00                      |
| 6565MHz                         | Pass   | 12.02       | 3.64                | 2.91                | 3.73                | 3.77                | 9.37            | Inf                   | 21.39                | 23.00                      |
| 6685MHz                         | Pass   | 12.02       | 3.43                | 2.73                | 3.35                | 3.56                | 9.18            | Inf                   | 21.20                | 23.00                      |
| 6845MHz                         | Pass   | 12.02       | 2.50                | 3.07                | 3.52                | 3.39                | 9.06            | Inf                   | 21.08                | 23.00                      |
| 802.11be EHT80_Nss1,(MCS0)_4TX  | -      | -           | -                   | -                   | -                   | -                   | -               | -                     | -                    | -                          |
| 5985MHz                         | Pass   | 12.02       | -2.63               | -1.61               | -1.64               | -3.08               | 3.74            | Inf                   | 15.76                | 23.00                      |
| 6225MHz                         | Pass   | 12.02       | 0.06                | 0.67                | 0.42                | 0.52                | 6.26            | Inf                   | 18.28                | 23.00                      |
| 6385MHz                         | Pass   | 12.02       | 0.33                | -0.04               | 0.08                | -0.01               | 5.92            | Inf                   | 17.94                | 23.00                      |
| 6625MHz                         | Pass   | 12.02       | 0.55                | 0.08                | 0.48                | 0.79                | 6.33            | Inf                   | 18.35                | 23.00                      |
| 6705MHz                         | Pass   | 12.02       | 0.39                | -0.17               | 0.60                | 0.35                | 6.14            | Inf                   | 18.16                | 23.00                      |
| 6785MHz                         | Pass   | 12.02       | -0.24               | -0.36               | 0.66                | 0.26                | 5.95            | Inf                   | 17.97                | 23.00                      |
| 802.11be EHT160_Nss1,(MCS0)_4TX | -      | -           | -                   | -                   | -                   | -                   | -               | -                     | -                    | -                          |
| 6025MHz                         | Pass   | 12.02       | -4.08               | -3.16               | -2.98               | -4.42               | 2.19            | Inf                   | 14.21                | 23.00                      |
| 6185MHz                         | Pass   | 12.02       | -2.52               | -1.62               | -2.11               | -1.39               | 3.90            | Inf                   | 15.92                | 23.00                      |
| 6345MHz                         | Pass   | 12.02       | -2.02               | -1.99               | -2.71               | -2.43               | 3.64            | Inf                   | 15.66                | 23.00                      |
| 6665MHz                         | Pass   | 12.02       | -2.22               | -2.82               | -2.01               | -2.14               | 3.46            | Inf                   | 15.48                | 23.00                      |

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;

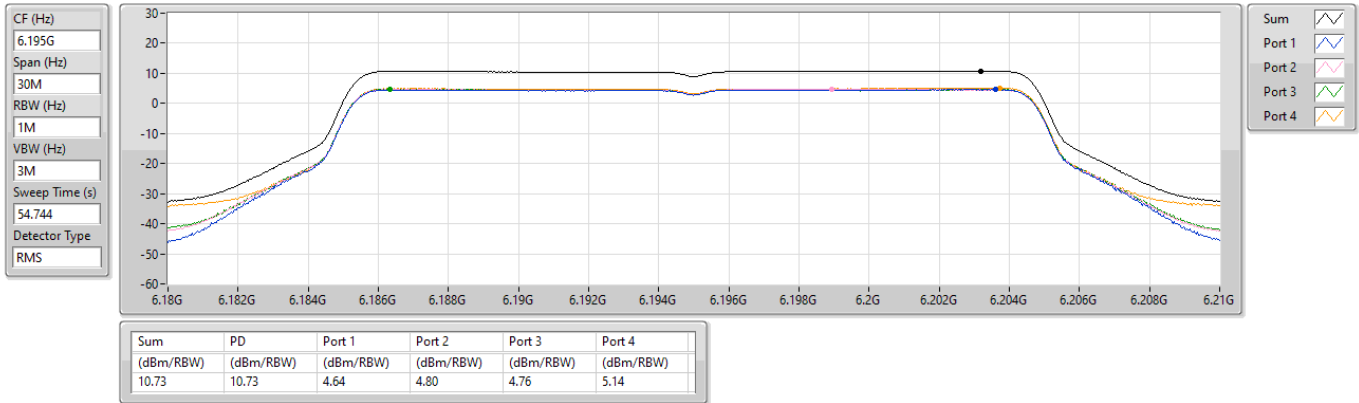
Inf = There's no restriction for the limit.

5.925-6.425GHz\_802.11be EHT20\_Nss1,(MCS0)\_4TX

PSD

6195MHz

19/06/2025

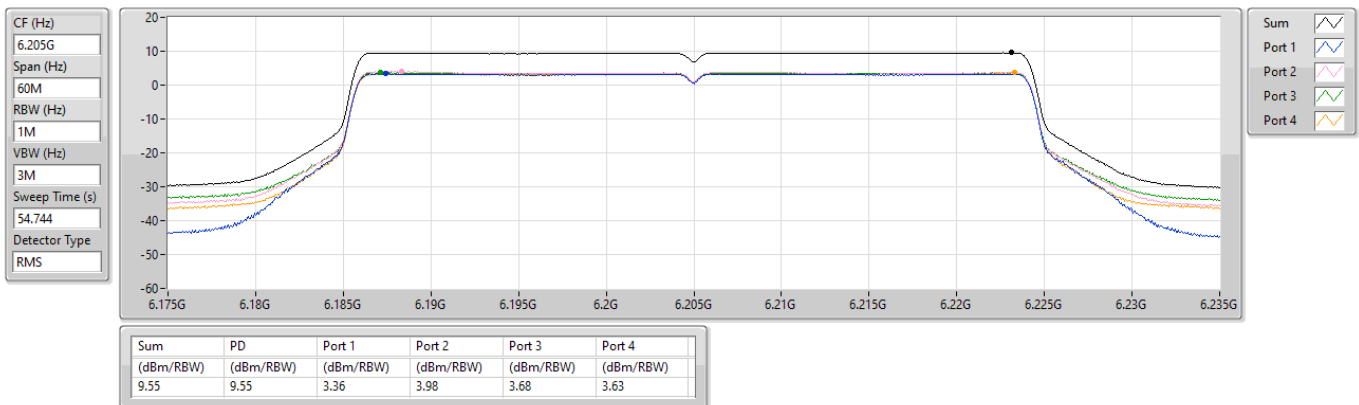


5.925-6.425GHz\_802.11be EHT40\_Nss1,(MCS0)\_4TX

PSD

6205MHz

18/06/2025



5.925-6.425GHz\_802.11be EHT80\_Nss1,(MCS0)\_4TX

PSD

6225MHz

18/06/2025

CF (Hz)  
6.225G

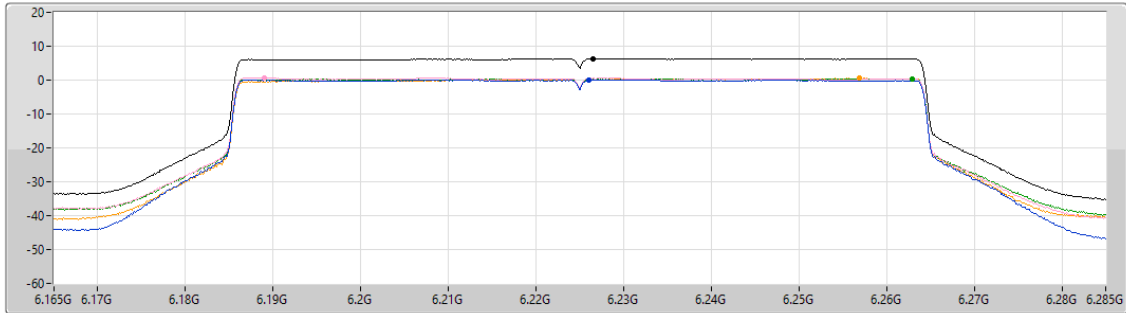
Span (Hz)  
120M

RBW (Hz)  
1M

VBW (Hz)  
3M

Sweep Time (s)  
54.744

Detector Type  
RMS



Sum

Port 1

Port 2

Port 3

Port 4

| Sum      | PD       | Port 1   | Port 2   | Port 3   | Port 4   |
|----------|----------|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 6.26     | 6.26     | 0.06     | 0.67     | 0.42     | 0.52     |

5.925-6.425GHz\_802.11be EHT160\_Nss1,(MCS0)\_4TX

PSD

6185MHz

18/06/2025

CF (Hz)  
6.185G

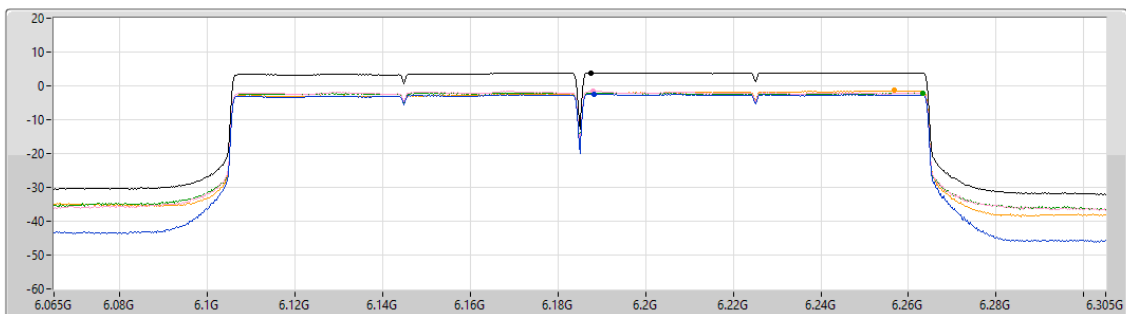
Span (Hz)  
240M

RBW (Hz)  
1M

VBW (Hz)  
3M

Sweep Time (s)  
54.744

Detector Type  
RMS



Sum

Port 1

Port 2

Port 3

Port 4

| Sum      | PD       | Port 1   | Port 2   | Port 3   | Port 4   |
|----------|----------|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 3.90     | 3.90     | -2.52    | -1.62    | -2.11    | -1.39    |

6.525-6.875GHz\_802.11be EHT20\_Nss1,(MCS0)\_4TX

PSD

6535MHz

19/06/2025

CF (Hz)  
6.535G

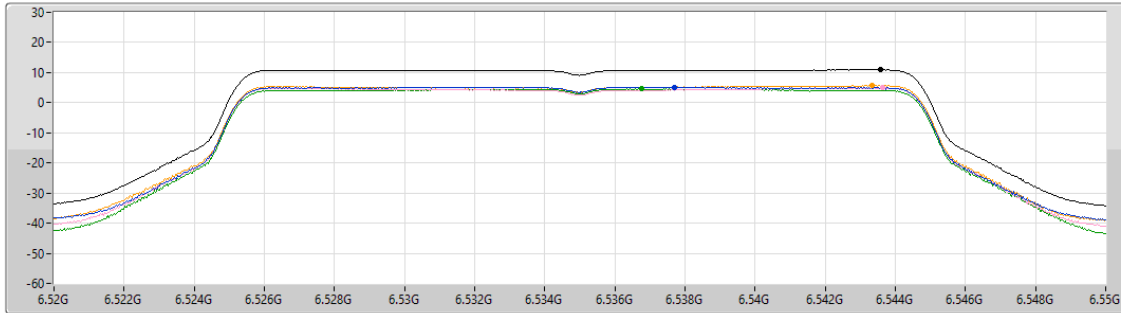
Span (Hz)  
30M

RBW (Hz)  
1M

VBW (Hz)  
3M

Sweep Time (s)  
54.744

Detector Type  
RMS



Sum

Port 1

Port 2

Port 3

Port 4

| Sum       | PD        | Port 1    | Port 2    | Port 3    | Port 4    |
|-----------|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 10.92     | 10.92     | 5.05      | 4.90      | 4.56      | 5.66      |

6.525-6.875GHz\_802.11be EHT40\_Nss1,(MCS0)\_4TX

PSD

6565MHz

18/06/2025

CF (Hz)  
6.565G

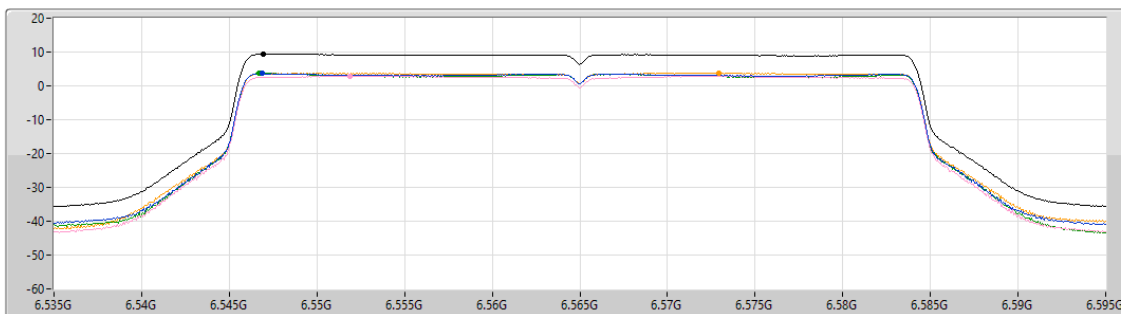
Span (Hz)  
60M

RBW (Hz)  
1M

VBW (Hz)  
3M

Sweep Time (s)  
54.744

Detector Type  
RMS



Sum

Port 1

Port 2

Port 3

Port 4

| Sum       | PD        | Port 1    | Port 2    | Port 3    | Port 4    |
|-----------|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 9.37      | 9.37      | 3.64      | 2.91      | 3.73      | 3.77      |

6.525-6.875GHz\_802.11be EHT80\_Nss1,(MCS0)\_4TX

PSD

6625MHz

18/06/2025

CF (Hz)  
6.625G

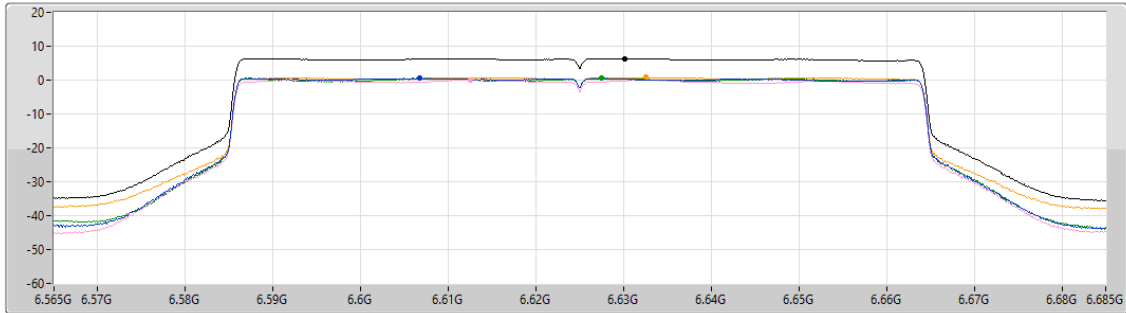
Span (Hz)  
120M

RBW (Hz)  
1M

VBW (Hz)  
3M

Sweep Time (s)  
54.744

Detector Type  
RMS



Sum 

Port 1 

Port 2 

Port 3 

Port 4 

| Sum      | PD       | Port 1   | Port 2   | Port 3   | Port 4   |
|----------|----------|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 6.33     | 6.33     | 0.55     | 0.08     | 0.48     | 0.79     |

6.525-6.875GHz\_802.11be EHT160\_Nss1,(MCS0)\_4TX

PSD

6665MHz

18/06/2025

CF (Hz)  
6.665G

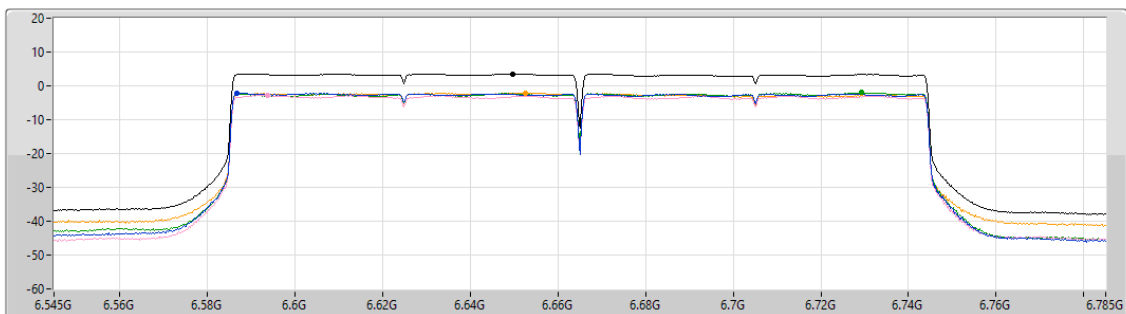
Span (Hz)  
240M

RBW (Hz)  
1M

VBW (Hz)  
3M

Sweep Time (s)  
54.744

Detector Type  
RMS



Sum 

Port 1 

Port 2 

Port 3 

Port 4 

| Sum      | PD       | Port 1   | Port 2   | Port 3   | Port 4   |
|----------|----------|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 3.46     | 3.46     | -2.22    | -2.82    | -2.01    | -2.14    |



**PSD\_Non-Beamforming\_  
Radio 3\_Omnidirectional\_1T1S\_Full RU**

**Appendix D.4**

**Summary**

| Mode                                   | PD<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) |
|----------------------------------------|-----------------|----------------------|
| 5.925-6.425GHz                         | -               | -                    |
| 802.11be EHT20_Nss1,(MCS0)_1TX(Port3)  | 6.40            | 10.40                |
| 802.11be EHT40_Nss1,(MCS0)_1TX(Port3)  | 3.74            | 7.74                 |
| 802.11be EHT80_Nss1,(MCS0)_1TX(Port3)  | 0.66            | 4.66                 |
| 802.11be EHT160_Nss1,(MCS0)_1TX(Port3) | -1.58           | 2.42                 |
| 6.525-6.875GHz                         | -               | -                    |
| 802.11be EHT20_Nss1,(MCS0)_1TX(Port3)  | 6.11            | 10.11                |
| 802.11be EHT40_Nss1,(MCS0)_1TX(Port3)  | 2.93            | 6.93                 |
| 802.11be EHT80_Nss1,(MCS0)_1TX(Port3)  | 0.05            | 4.05                 |
| 802.11be EHT160_Nss1,(MCS0)_1TX(Port3) | -2.62           | 1.38                 |

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



**PSD\_Non-Beamforming\_  
Radio 3\_Omnidirectional\_1T1S\_Full RU**

**Appendix D.4**

**Result**

| Mode                                   | Result | DG<br>(dBi) | Port 3<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) | EIRP PD Limit<br>(dBm/RBW) |
|----------------------------------------|--------|-------------|---------------------|-----------------|-----------------------|----------------------|----------------------------|
| 802.11be EHT20_Nss1,(MCS0)_1TX(Port3)  | -      | -           | -                   | -               | -                     | -                    | -                          |
| 5955MHz                                | Pass   | 4.00        | 6.26                | 6.26            | Inf                   | 10.26                | 23.00                      |
| 6195MHz                                | Pass   | 4.00        | 6.40                | 6.40            | Inf                   | 10.40                | 23.00                      |
| 6415MHz                                | Pass   | 4.00        | 5.54                | 5.54            | Inf                   | 9.54                 | 23.00                      |
| 6535MHz                                | Pass   | 4.00        | 5.50                | 5.50            | Inf                   | 9.50                 | 23.00                      |
| 6695MHz                                | Pass   | 4.00        | 6.01                | 6.01            | Inf                   | 10.01                | 23.00                      |
| 6855MHz                                | Pass   | 4.00        | 6.11                | 6.11            | Inf                   | 10.11                | 23.00                      |
| 802.11be EHT40_Nss1,(MCS0)_1TX(Port3)  | -      | -           | -                   | -               | -                     | -                    | -                          |
| 5965MHz                                | Pass   | 4.00        | 3.74                | 3.74            | Inf                   | 7.74                 | 23.00                      |
| 6205MHz                                | Pass   | 4.00        | 3.40                | 3.40            | Inf                   | 7.40                 | 23.00                      |
| 6405MHz                                | Pass   | 4.00        | 2.37                | 2.37            | Inf                   | 6.37                 | 23.00                      |
| 6565MHz                                | Pass   | 4.00        | 2.75                | 2.75            | Inf                   | 6.75                 | 23.00                      |
| 6685MHz                                | Pass   | 4.00        | 2.79                | 2.79            | Inf                   | 6.79                 | 23.00                      |
| 6845MHz                                | Pass   | 4.00        | 2.93                | 2.93            | Inf                   | 6.93                 | 23.00                      |
| 802.11be EHT80_Nss1,(MCS0)_1TX(Port3)  | -      | -           | -                   | -               | -                     | -                    | -                          |
| 5985MHz                                | Pass   | 4.00        | 0.66                | 0.66            | Inf                   | 4.66                 | 23.00                      |
| 6225MHz                                | Pass   | 4.00        | -0.12               | -0.12           | Inf                   | 3.88                 | 23.00                      |
| 6385MHz                                | Pass   | 4.00        | -0.48               | -0.48           | Inf                   | 3.52                 | 23.00                      |
| 6625MHz                                | Pass   | 4.00        | -0.36               | -0.36           | Inf                   | 3.64                 | 23.00                      |
| 6705MHz                                | Pass   | 4.00        | -0.11               | -0.11           | Inf                   | 3.89                 | 23.00                      |
| 6785MHz                                | Pass   | 4.00        | 0.05                | 0.05            | Inf                   | 4.05                 | 23.00                      |
| 802.11be EHT160_Nss1,(MCS0)_1TX(Port3) | -      | -           | -                   | -               | -                     | -                    | -                          |
| 6025MHz                                | Pass   | 4.00        | -1.58               | -1.58           | Inf                   | 2.42                 | 23.00                      |
| 6185MHz                                | Pass   | 4.00        | -2.50               | -2.50           | Inf                   | 1.50                 | 23.00                      |
| 6345MHz                                | Pass   | 4.00        | -3.33               | -3.33           | Inf                   | 0.67                 | 23.00                      |
| 6665MHz                                | Pass   | 4.00        | -2.62               | -2.62           | Inf                   | 1.38                 | 23.00                      |

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.

5.925-6.425GHz\_802.11be EHT20\_Nss1,(MCS0)\_1TX(Port3)

PSD

6195MHz

18/06/2025

CF (Hz)  
6.195G

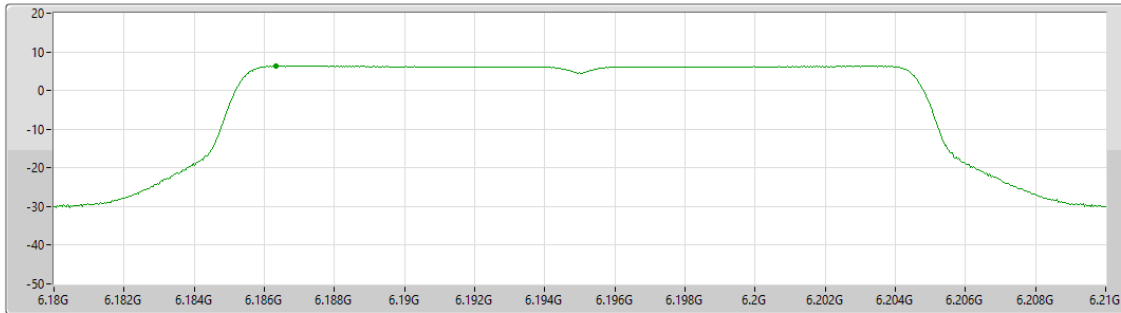
Span (Hz)  
30M

RBW (Hz)  
1M

VBW (Hz)  
3M

Sweep Time (s)  
54.744

Detector Type  
RMS



Port 3 

| Sum       | PD        | Port 1    | Port 2    | Port 3    |
|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 6.40      | 6.40      | -         | -         | 6.40      |

5.925-6.425GHz\_802.11be EHT40\_Nss1,(MCS0)\_1TX(Port3)

PSD

5965MHz

18/06/2025

CF (Hz)  
5.965G

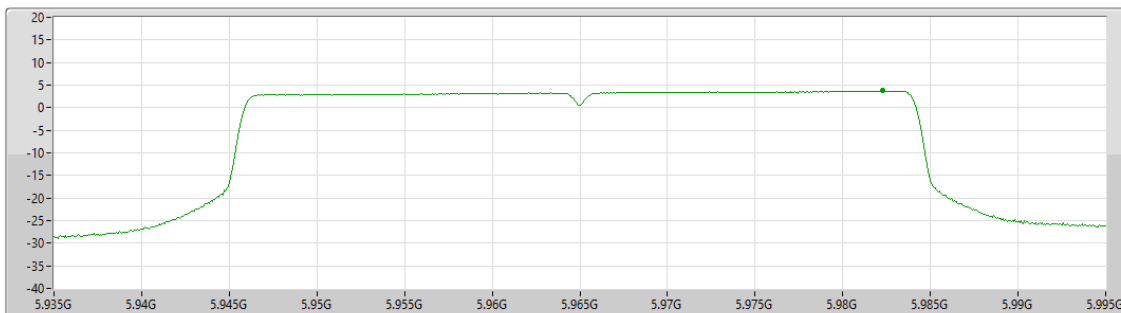
Span (Hz)  
60M

RBW (Hz)  
1M

VBW (Hz)  
3M

Sweep Time (s)  
54.744

Detector Type  
RMS



Port 3 

| Sum       | PD        | Port 1    | Port 2    | Port 3    |
|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 3.74      | 3.74      | -         | -         | 3.74      |



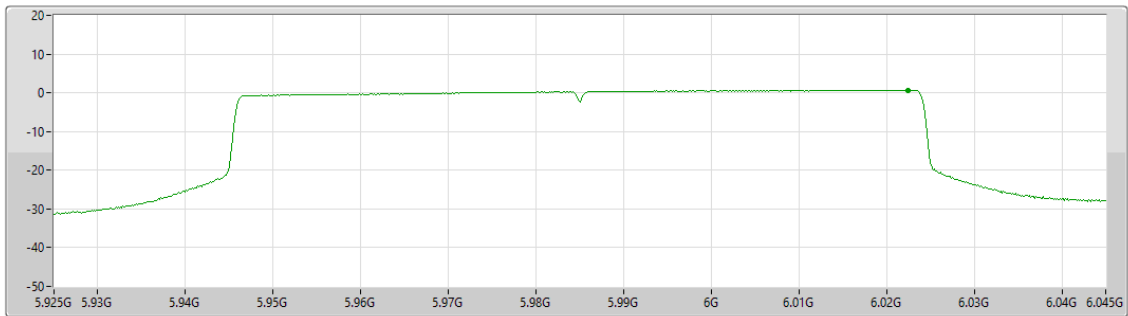
5.925-6.425GHz\_802.11be EHT80\_Nss1,(MCS0)\_1TX(Port3)

PSD

5985MHz

18/06/2025

CF (Hz)  
5.985G  
Span (Hz)  
120M  
RBW (Hz)  
1M  
VBW (Hz)  
3M  
Sweep Time (s)  
54.744  
Detector Type  
RMS



Port 3

| Sum       | PD        | Port 1    | Port 2    | Port 3    |
|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 0.66      | 0.66      | -         | -         | 0.66      |

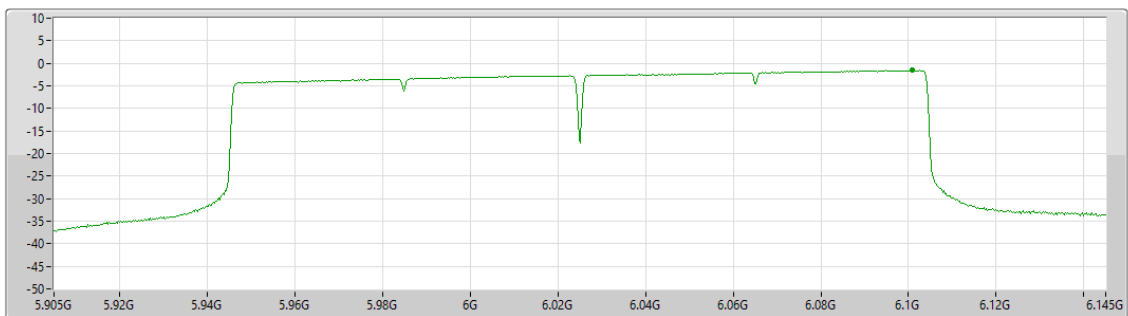
5.925-6.425GHz\_802.11be EHT160\_Nss1,(MCS0)\_1TX(Port3)

PSD

6025MHz

18/06/2025

CF (Hz)  
6.025G  
Span (Hz)  
240M  
RBW (Hz)  
1M  
VBW (Hz)  
3M  
Sweep Time (s)  
54.744  
Detector Type  
RMS



Port 3

| Sum       | PD        | Port 1    | Port 2    | Port 3    |
|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -1.58     | -1.58     | -         | -         | -1.58     |

6.525-6.875GHz\_802.11be EHT20\_Nss1,(MCS0)\_1TX(Port3)

PSD

6855MHz

18/06/2025

CF (Hz)  
6.855G

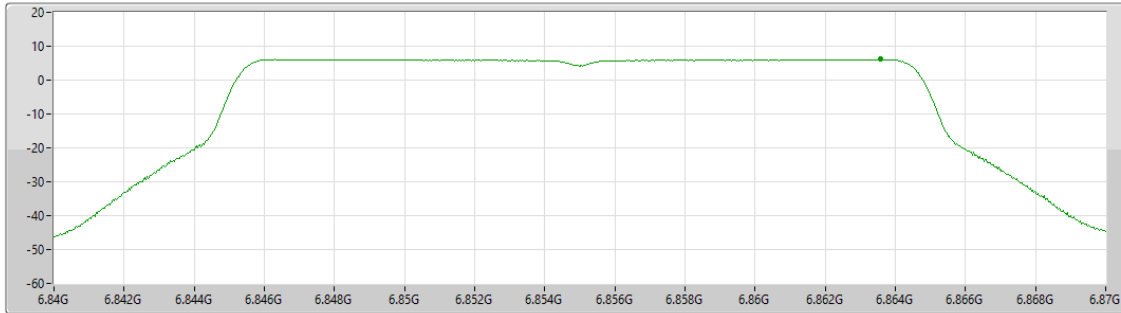
Span (Hz)  
30M

RBW (Hz)  
1M

VBW (Hz)  
3M

Sweep Time (s)  
54.744

Detector Type  
RMS



Port 3 

| Sum       | PD        | Port 1    | Port 2    | Port 3    |
|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 6.11      | 6.11      | -         | -         | 6.11      |

6.525-6.875GHz\_802.11be EHT40\_Nss1,(MCS0)\_1TX(Port3)

PSD

6845MHz

18/06/2025

CF (Hz)  
6.845G

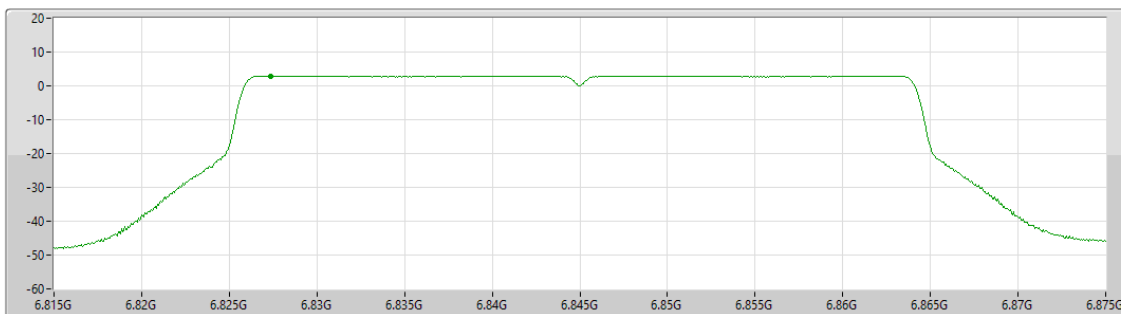
Span (Hz)  
60M

RBW (Hz)  
1M

VBW (Hz)  
3M

Sweep Time (s)  
54.744

Detector Type  
RMS



Port 3 

| Sum       | PD        | Port 1    | Port 2    | Port 3    |
|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 2.93      | 2.93      | -         | -         | 2.93      |

6.525-6.875GHz\_802.11be EHT80\_Nss1,(MCS0)\_1TX(Port3)

PSD

6785MHz

18/06/2025

CF (Hz)  
6.785G

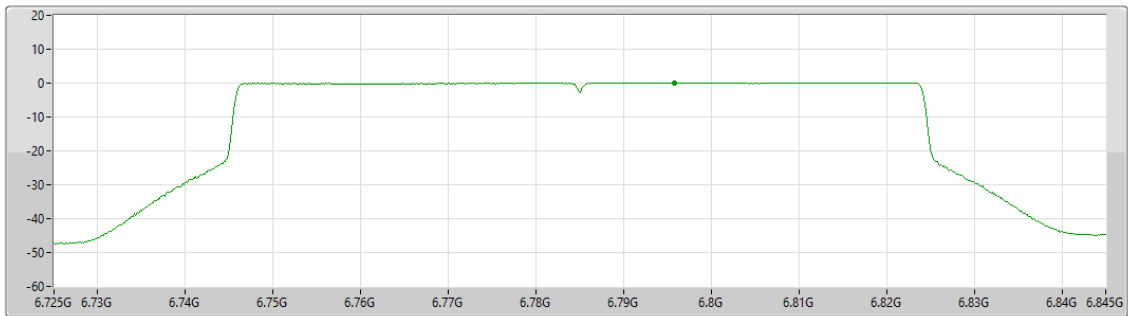
Span (Hz)  
120M

RBW (Hz)  
1M

VBW (Hz)  
3M

Sweep Time (s)  
54.744

Detector Type  
RMS



Port 3 

| Sum       | PD        | Port 1    | Port 2    | Port 3    |
|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 0.05      | 0.05      | -         | -         | 0.05      |

6.525-6.875GHz\_802.11be EHT160\_Nss1,(MCS0)\_1TX(Port3)

PSD

6665MHz

18/06/2025

CF (Hz)  
6.665G

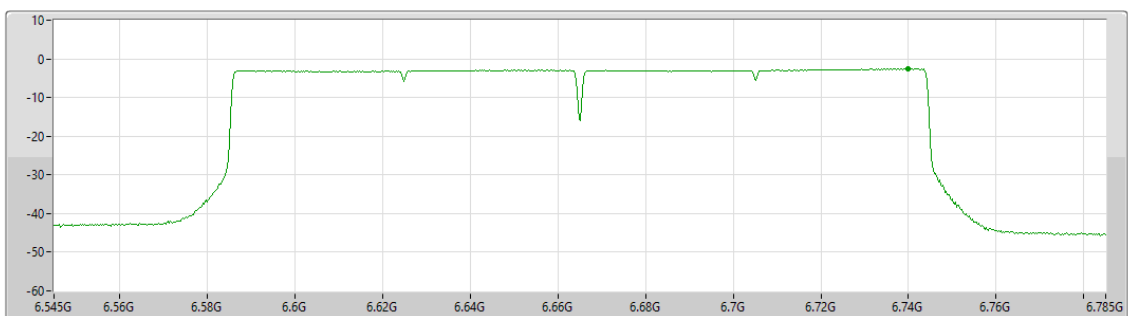
Span (Hz)  
240M

RBW (Hz)  
1M

VBW (Hz)  
3M

Sweep Time (s)  
54.744

Detector Type  
RMS



Port 3 

| Sum       | PD        | Port 1    | Port 2    | Port 3    |
|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -2.62     | -2.62     | -         | -         | -2.62     |



**PSD\_Non-Beamforming\_  
Radio 3\_Omnidirectional\_2T1S\_Full RU**

**Appendix D.5**

**Summary**

| Mode                                         | PD<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) |
|----------------------------------------------|-----------------|----------------------|
| 5.925-6.425GHz                               | -               | -                    |
| 802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)  | 9.60            | 16.61                |
| 802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)  | 6.62            | 13.63                |
| 802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)  | 3.15            | 10.16                |
| 802.11be EHT160_Nss1,(MCS0)_2TX(Port2&Port3) | 1.14            | 8.15                 |
| 6.525-6.875GHz                               | -               | -                    |
| 802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)  | 9.24            | 16.25                |
| 802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)  | 6.12            | 13.13                |
| 802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)  | 2.90            | 9.91                 |
| 802.11be EHT160_Nss1,(MCS0)_2TX(Port2&Port3) | 0.07            | 7.08                 |

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



**PSD\_Non-Beamforming\_  
Radio 3\_Omnidirectional\_2T1S\_Full RU**

**Appendix D.5**

**Result**

| Mode                                         | Result | DG<br>(dBi) | Port 2<br>(dBm/RBW) | Port 3<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) | EIRP PD Limit<br>(dBm/RBW) |
|----------------------------------------------|--------|-------------|---------------------|---------------------|-----------------|-----------------------|----------------------|----------------------------|
| 802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)  | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5955MHz                                      | Pass   | 7.01        | 6.61                | 6.54                | 9.56            | Inf                   | 16.57                | 23.00                      |
| 6195MHz                                      | Pass   | 7.01        | 6.53                | 6.71                | 9.60            | Inf                   | 16.61                | 23.00                      |
| 6415MHz                                      | Pass   | 7.01        | 5.62                | 5.83                | 8.71            | Inf                   | 15.72                | 23.00                      |
| 6535MHz                                      | Pass   | 7.01        | 5.67                | 5.85                | 8.75            | Inf                   | 15.76                | 23.00                      |
| 6695MHz                                      | Pass   | 7.01        | 5.80                | 6.41                | 9.11            | Inf                   | 16.12                | 23.00                      |
| 6855MHz                                      | Pass   | 7.01        | 6.15                | 6.37                | 9.24            | Inf                   | 16.25                | 23.00                      |
| 802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)  | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5965MHz                                      | Pass   | 7.01        | 3.28                | 3.35                | 6.32            | Inf                   | 13.33                | 23.00                      |
| 6205MHz                                      | Pass   | 7.01        | 3.67                | 3.55                | 6.62            | Inf                   | 13.63                | 23.00                      |
| 6405MHz                                      | Pass   | 7.01        | 2.71                | 2.68                | 5.67            | Inf                   | 12.68                | 23.00                      |
| 6565MHz                                      | Pass   | 7.01        | 2.72                | 3.01                | 5.87            | Inf                   | 12.88                | 23.00                      |
| 6685MHz                                      | Pass   | 7.01        | 2.49                | 3.10                | 5.78            | Inf                   | 12.79                | 23.00                      |
| 6845MHz                                      | Pass   | 7.01        | 3.05                | 3.31                | 6.12            | Inf                   | 13.13                | 23.00                      |
| 802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)  | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5985MHz                                      | Pass   | 7.01        | 0.08                | 0.02                | 3.03            | Inf                   | 10.04                | 23.00                      |
| 6225MHz                                      | Pass   | 7.01        | 0.31                | 0.07                | 3.15            | Inf                   | 10.16                | 23.00                      |
| 6385MHz                                      | Pass   | 7.01        | -0.02               | -0.26               | 2.85            | Inf                   | 9.86                 | 23.00                      |
| 6625MHz                                      | Pass   | 7.01        | -0.42               | 0.08                | 2.79            | Inf                   | 9.80                 | 23.00                      |
| 6705MHz                                      | Pass   | 7.01        | -0.59               | 0.26                | 2.82            | Inf                   | 9.83                 | 23.00                      |
| 6785MHz                                      | Pass   | 7.01        | -0.54               | 0.35                | 2.90            | Inf                   | 9.91                 | 23.00                      |
| 802.11be EHT160_Nss1,(MCS0)_2TX(Port2&Port3) | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 6025MHz                                      | Pass   | 7.01        | -1.93               | -1.79               | 1.14            | Inf                   | 8.15                 | 23.00                      |
| 6185MHz                                      | Pass   | 7.01        | -2.10               | -2.25               | 0.83            | Inf                   | 7.84                 | 23.00                      |
| 6345MHz                                      | Pass   | 7.01        | -2.10               | -2.98               | 0.46            | Inf                   | 7.47                 | 23.00                      |
| 6665MHz                                      | Pass   | 7.01        | -3.15               | -2.40               | 0.07            | Inf                   | 7.08                 | 23.00                      |

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.

5.925-6.425GHz\_802.11be EHT20\_Nss1,(MCS0)\_2TX(Port2&Port3)

PSD

6195MHz

18/06/2025

CF (Hz)  
6.195G

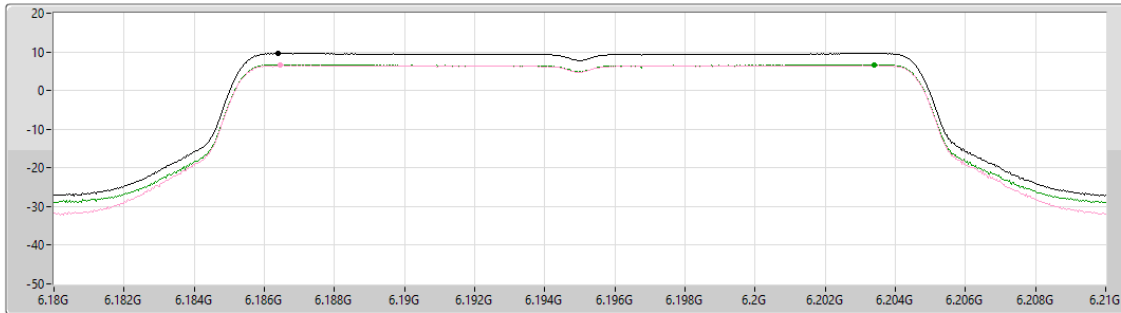
Span (Hz)  
30M

RBW (Hz)  
1M

VBW (Hz)  
3M

Sweep Time (s)  
54.744

Detector Type  
RMS



Sum ☒

Port 2 ☒

Port 3 ☒

| Sum      | PD       | Port 1   | Port 2   | Port 3   |
|----------|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 9.60     | 9.60     | -        | 6.53     | 6.71     |

5.925-6.425GHz\_802.11be EHT40\_Nss1,(MCS0)\_2TX(Port2&Port3)

PSD

6205MHz

18/06/2025

CF (Hz)  
6.205G

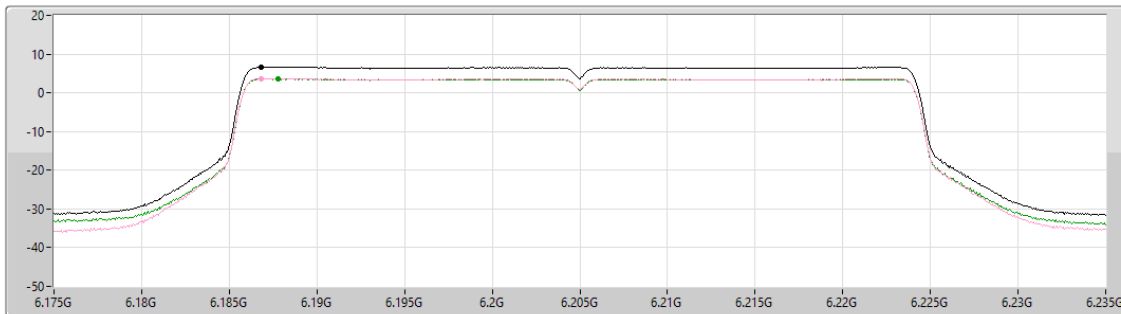
Span (Hz)  
60M

RBW (Hz)  
1M

VBW (Hz)  
3M

Sweep Time (s)  
54.744

Detector Type  
RMS



Sum ☒

Port 2 ☒

Port 3 ☒

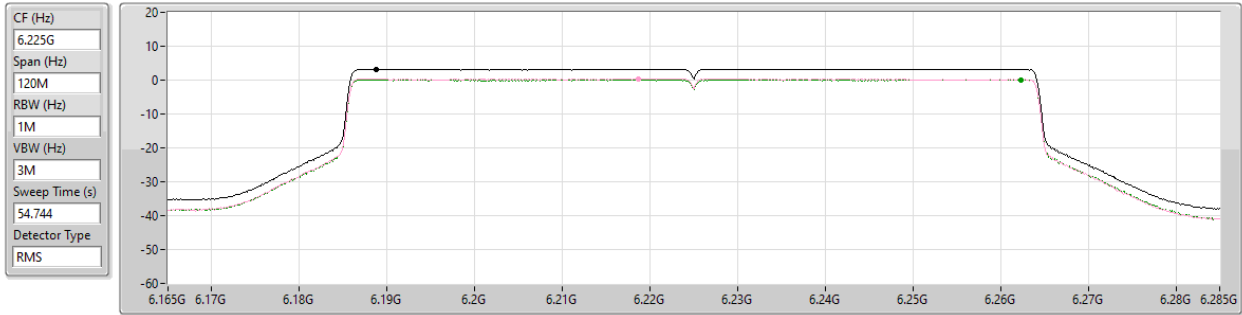
| Sum      | PD       | Port 1   | Port 2   | Port 3   |
|----------|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 6.62     | 6.62     | -        | 3.67     | 3.55     |

5.925-6.425GHz\_802.11be EHT80\_Nss1,(MCS0)\_2TX(Port2&Port3)

PSD

6225MHz

18/06/2025



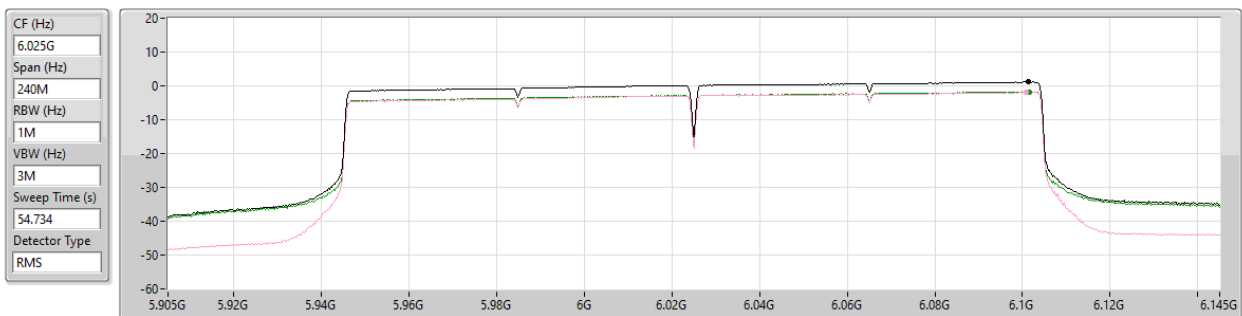
| Sum       | PD        | Port 1    | Port 2    | Port 3    |
|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 3.15      | 3.15      | -         | 0.31      | 0.07      |

5.925-6.425GHz\_802.11be EHT160\_Nss1,(MCS0)\_2TX(Port2&Port3)

PSD

6025MHz

18/06/2025



| Sum       | PD        | Port 1    | Port 2    | Port 3    |
|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 1.14      | 1.14      | -         | -1.93     | -1.79     |

6.525-6.875GHz\_802.11be EHT20\_Nss1,(MCS0)\_2TX(Port2&Port3)

PSD

6855MHz

18/06/2025

CF (Hz)  
6.855G

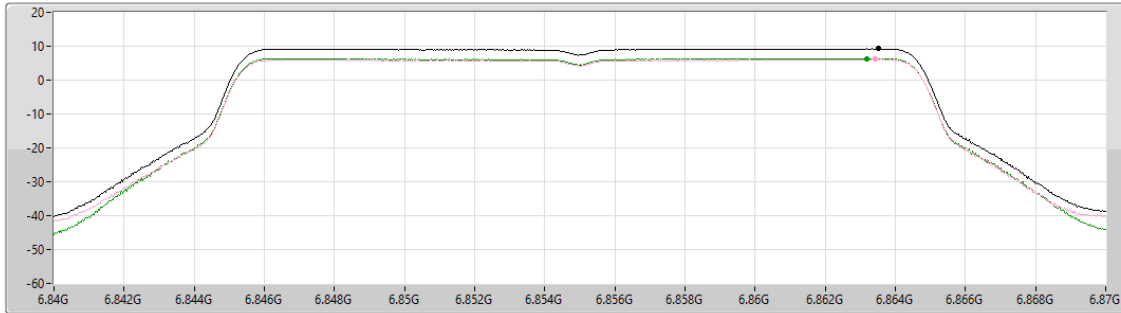
Span (Hz)  
30M

RBW (Hz)  
1M

VBW (Hz)  
3M

Sweep Time (s)  
54.744

Detector Type  
RMS



Sum 

Port 2 

Port 3 

| Sum      | PD       | Port 1   | Port 2   | Port 3   |
|----------|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 9.24     | 9.24     | -        | 6.15     | 6.37     |

6.525-6.875GHz\_802.11be EHT40\_Nss1,(MCS0)\_2TX(Port2&Port3)

PSD

6845MHz

18/06/2025

CF (Hz)  
6.845G

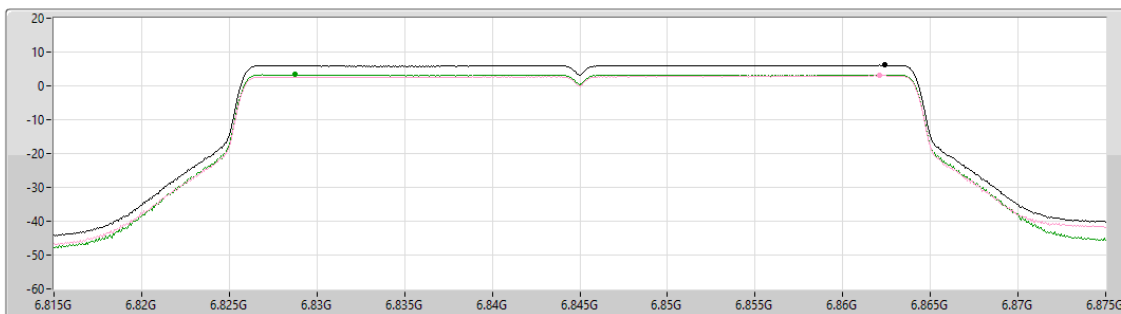
Span (Hz)  
60M

RBW (Hz)  
1M

VBW (Hz)  
3M

Sweep Time (s)  
54.744

Detector Type  
RMS



Sum 

Port 2 

Port 3 

| Sum      | PD       | Port 1   | Port 2   | Port 3   |
|----------|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 6.12     | 6.12     | -        | 3.05     | 3.31     |

6.525-6.875GHz\_802.11be EHT80\_Nss1,(MCS0)\_2TX(Port2&Port3)

PSD

6785MHz

18/06/2025

CF (Hz)  
6.785G

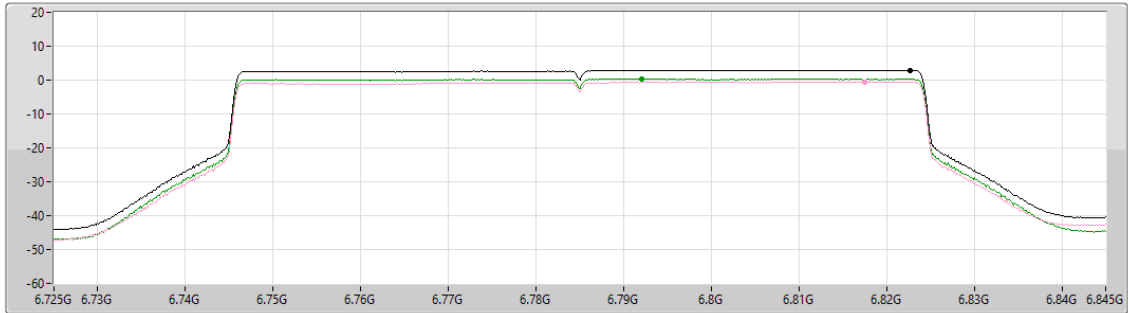
Span (Hz)  
120M

RBW (Hz)  
1M

VBW (Hz)  
3M

Sweep Time (s)  
54.744

Detector Type  
RMS



Sum ☒

Port 2 ☒

Port 3 ☒

| Sum       | PD        | Port 1    | Port 2    | Port 3    |
|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 2.90      | 2.90      | -         | -0.54     | 0.35      |

6.525-6.875GHz\_802.11be EHT160\_Nss1,(MCS0)\_2TX(Port2&Port3)

PSD

6665MHz

18/06/2025

CF (Hz)  
6.665G

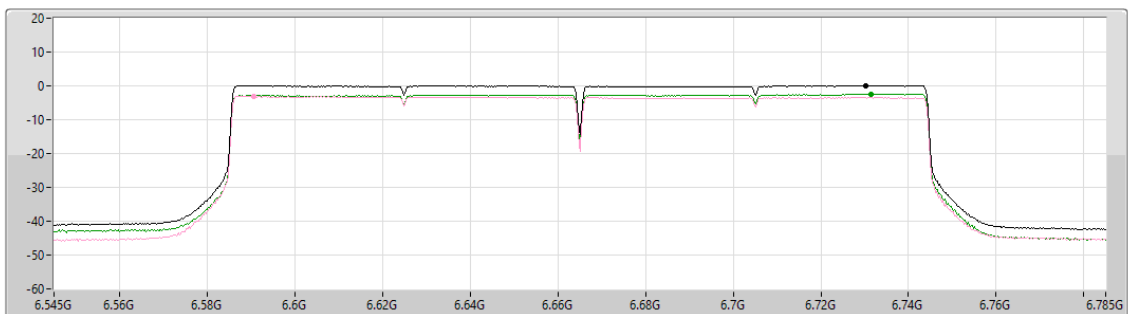
Span (Hz)  
240M

RBW (Hz)  
1M

VBW (Hz)  
3M

Sweep Time (s)  
54.734

Detector Type  
RMS



Sum ☒

Port 2 ☒

Port 3 ☒

| Sum       | PD        | Port 1    | Port 2    | Port 3    |
|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 0.07      | 0.07      | -         | -3.15     | -2.40     |



**PSD\_Non-Beamforming\_  
Radio 3\_Omnidirectional\_4T1S\_Full RU**

**Appendix D.6**

**Summary**

| Mode                            | PD<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) |
|---------------------------------|-----------------|----------------------|
| 5.925-6.425GHz                  | -               | -                    |
| 802.11be EHT20_Nss1,(MCS0)_4TX  | 12.61           | 22.63                |
| 802.11be EHT40_Nss1,(MCS0)_4TX  | 9.55            | 19.57                |
| 802.11be EHT80_Nss1,(MCS0)_4TX  | 6.26            | 16.28                |
| 802.11be EHT160_Nss1,(MCS0)_4TX | 3.90            | 13.92                |
| 6.525-6.875GHz                  | -               | -                    |
| 802.11be EHT20_Nss1,(MCS0)_4TX  | 12.39           | 22.41                |
| 802.11be EHT40_Nss1,(MCS0)_4TX  | 9.37            | 19.39                |
| 802.11be EHT80_Nss1,(MCS0)_4TX  | 6.33            | 16.35                |
| 802.11be EHT160_Nss1,(MCS0)_4TX | 3.46            | 13.48                |

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



**PSD\_Non-Beamforming\_  
Radio 3\_Omnidirectional\_4T1S\_Full RU**

**Appendix D.6**

**Result**

| Mode                            | Result | DG<br>(dBi) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) | Port 3<br>(dBm/RBW) | Port 4<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) | EIRP PD Limit<br>(dBm/RBW) |
|---------------------------------|--------|-------------|---------------------|---------------------|---------------------|---------------------|-----------------|-----------------------|----------------------|----------------------------|
| 802.11be EHT20_Nss1,(MCS0)_4TX  | -      | -           | -                   | -                   | -                   | -                   | -               | -                     | -                    | -                          |
| 5955MHz                         | Pass   | 10.02       | 4.96                | 6.65                | 6.23                | 5.11                | 11.80           | Inf                   | 21.82                | 23.00                      |
| 6195MHz                         | Pass   | 10.02       | 6.34                | 6.77                | 6.72                | 6.96                | 12.61           | Inf                   | 22.63                | 23.00                      |
| 6415MHz                         | Pass   | 10.02       | 6.13                | 6.02                | 6.06                | 6.21                | 12.00           | Inf                   | 22.02                | 23.00                      |
| 6535MHz                         | Pass   | 10.02       | 6.43                | 6.20                | 5.95                | 6.95                | 12.25           | Inf                   | 22.27                | 23.00                      |
| 6695MHz                         | Pass   | 10.02       | 6.36                | 6.43                | 6.55                | 6.52                | 12.39           | Inf                   | 22.41                | 23.00                      |
| 6855MHz                         | Pass   | 10.02       | 5.52                | 6.22                | 6.62                | 6.44                | 12.15           | Inf                   | 22.17                | 23.00                      |
| 802.11be EHT40_Nss1,(MCS0)_4TX  | -      | -           | -                   | -                   | -                   | -                   | -               | -                     | -                    | -                          |
| 5965MHz                         | Pass   | 10.02       | 1.43                | 2.25                | 2.49                | 0.69                | 7.72            | Inf                   | 17.74                | 23.00                      |
| 6205MHz                         | Pass   | 10.02       | 3.36                | 3.98                | 3.68                | 3.63                | 9.55            | Inf                   | 19.57                | 23.00                      |
| 6405MHz                         | Pass   | 10.02       | 3.11                | 2.74                | 2.96                | 2.85                | 8.83            | Inf                   | 18.85                | 23.00                      |
| 6565MHz                         | Pass   | 10.02       | 3.64                | 2.91                | 3.73                | 3.77                | 9.37            | Inf                   | 19.39                | 23.00                      |
| 6685MHz                         | Pass   | 10.02       | 3.43                | 2.73                | 3.35                | 3.56                | 9.18            | Inf                   | 19.20                | 23.00                      |
| 6845MHz                         | Pass   | 10.02       | 2.50                | 3.07                | 3.52                | 3.39                | 9.06            | Inf                   | 19.08                | 23.00                      |
| 802.11be EHT80_Nss1,(MCS0)_4TX  | -      | -           | -                   | -                   | -                   | -                   | -               | -                     | -                    | -                          |
| 5985MHz                         | Pass   | 10.02       | -1.92               | -0.79               | -0.72               | -2.34               | 4.54            | Inf                   | 14.56                | 23.00                      |
| 6225MHz                         | Pass   | 10.02       | 0.06                | 0.67                | 0.42                | 0.52                | 6.26            | Inf                   | 16.28                | 23.00                      |
| 6385MHz                         | Pass   | 10.02       | 0.33                | -0.04               | 0.08                | -0.01               | 5.92            | Inf                   | 15.94                | 23.00                      |
| 6625MHz                         | Pass   | 10.02       | 0.55                | 0.08                | 0.48                | 0.79                | 6.33            | Inf                   | 16.35                | 23.00                      |
| 6705MHz                         | Pass   | 10.02       | 0.39                | -0.17               | 0.60                | 0.35                | 6.14            | Inf                   | 16.16                | 23.00                      |
| 6785MHz                         | Pass   | 10.02       | -0.24               | -0.36               | 0.66                | 0.26                | 5.95            | Inf                   | 15.97                | 23.00                      |
| 802.11be EHT160_Nss1,(MCS0)_4TX | -      | -           | -                   | -                   | -                   | -                   | -               | -                     | -                    | -                          |
| 6025MHz                         | Pass   | 10.02       | -3.34               | -2.37               | -2.26               | -3.52               | 2.97            | Inf                   | 12.99                | 23.00                      |
| 6185MHz                         | Pass   | 10.02       | -2.52               | -1.62               | -2.11               | -1.39               | 3.90            | Inf                   | 13.92                | 23.00                      |
| 6345MHz                         | Pass   | 10.02       | -2.02               | -1.99               | -2.71               | -2.43               | 3.64            | Inf                   | 13.66                | 23.00                      |
| 6665MHz                         | Pass   | 10.02       | -2.22               | -2.82               | -2.01               | -2.14               | 3.46            | Inf                   | 13.48                | 23.00                      |

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;

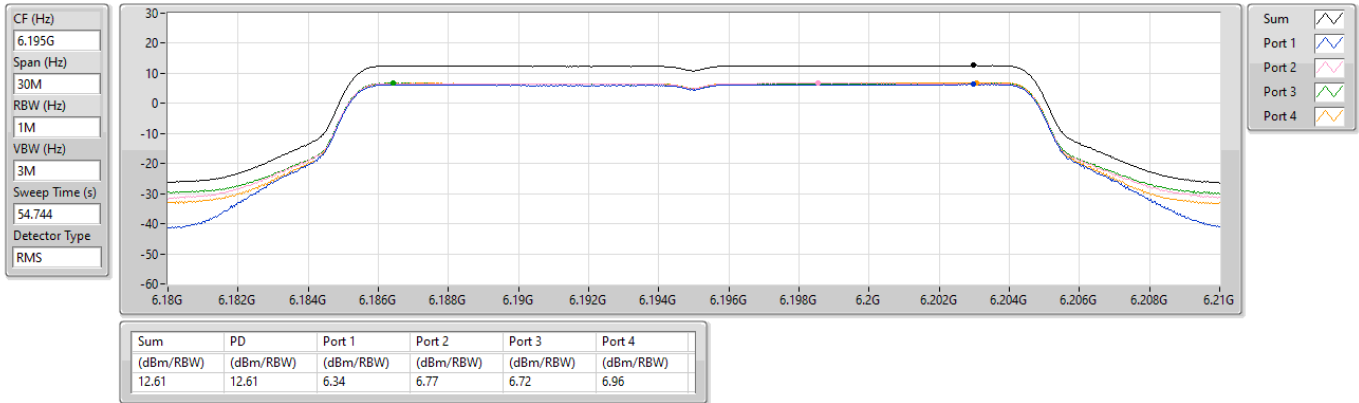
Inf = There's no restriction for the limit.

5.925-6.425GHz\_802.11be EHT20\_Nss1,(MCS0)\_4TX

PSD

6195MHz

18/06/2025

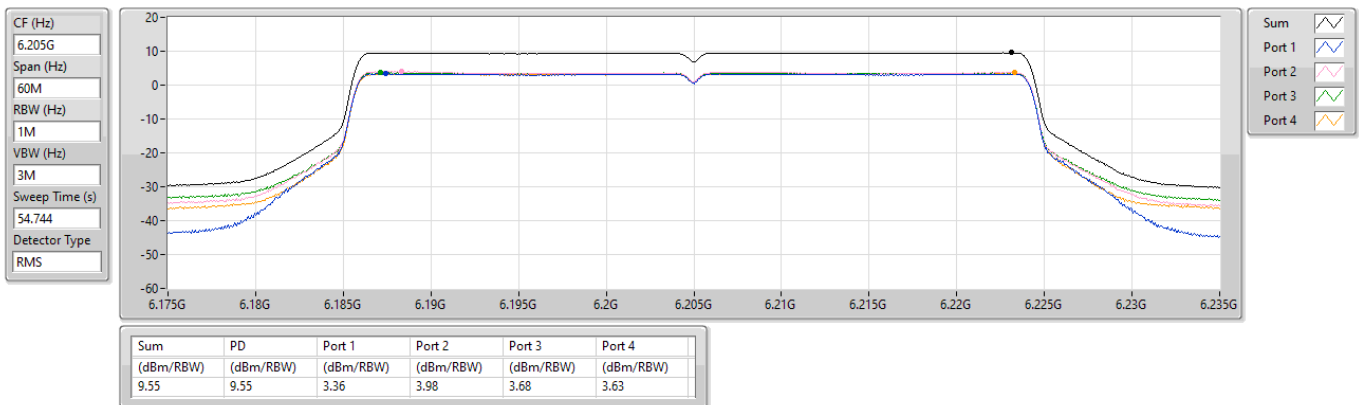


5.925-6.425GHz\_802.11be EHT40\_Nss1,(MCS0)\_4TX

PSD

6205MHz

18/06/2025



5.925-6.425GHz\_802.11be EHT80\_Nss1,(MCS0)\_4TX

PSD

6225MHz

18/06/2025

CF (Hz)  
6.225G

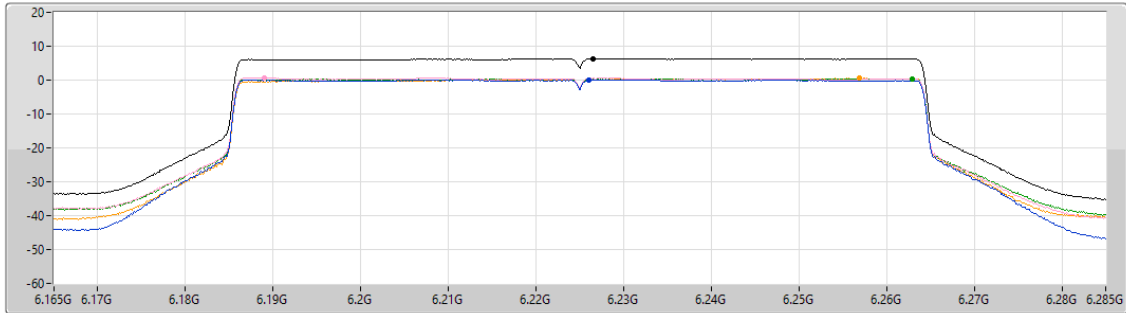
Span (Hz)  
120M

RBW (Hz)  
1M

VBW (Hz)  
3M

Sweep Time (s)  
54.744

Detector Type  
RMS



Sum

Port 1

Port 2

Port 3

Port 4

| Sum       | PD        | Port 1    | Port 2    | Port 3    | Port 4    |
|-----------|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 6.26      | 6.26      | 0.06      | 0.67      | 0.42      | 0.52      |

5.925-6.425GHz\_802.11be EHT160\_Nss1,(MCS0)\_4TX

PSD

6185MHz

18/06/2025

CF (Hz)  
6.185G

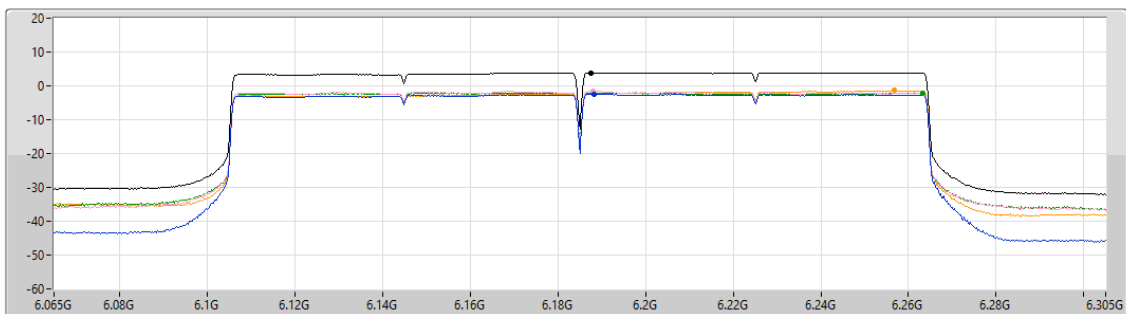
Span (Hz)  
240M

RBW (Hz)  
1M

VBW (Hz)  
3M

Sweep Time (s)  
54.744

Detector Type  
RMS



Sum

Port 1

Port 2

Port 3

Port 4

| Sum       | PD        | Port 1    | Port 2    | Port 3    | Port 4    |
|-----------|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 3.90      | 3.90      | -2.52     | -1.62     | -2.11     | -1.39     |

6.525-6.875GHz\_802.11be EHT20\_Nss1,(MCS0)\_4TX

PSD

6695MHz

18/06/2025

CF (Hz)  
6.695G

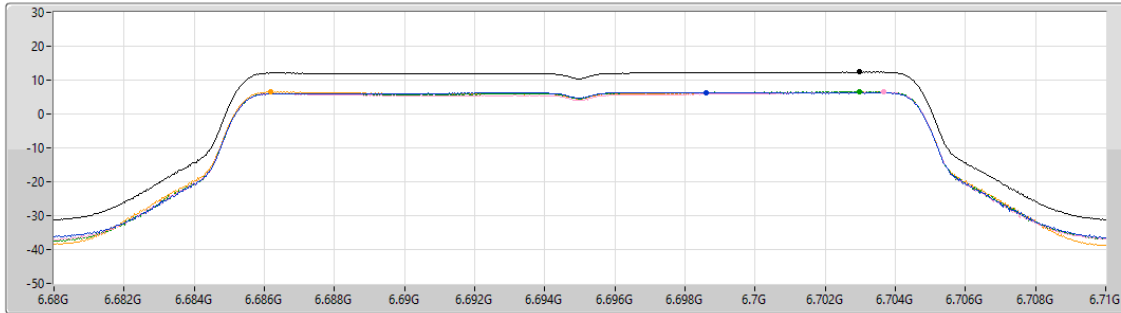
Span (Hz)  
30M

RBW (Hz)  
1M

VBW (Hz)  
3M

Sweep Time (s)  
54.744

Detector Type  
RMS



| Sum       | PD        | Port 1    | Port 2    | Port 3    | Port 4    |
|-----------|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 12.39     | 12.39     | 6.36      | 6.43      | 6.55      | 6.52      |

6.525-6.875GHz\_802.11be EHT40\_Nss1,(MCS0)\_4TX

PSD

6565MHz

18/06/2025

CF (Hz)  
6.565G

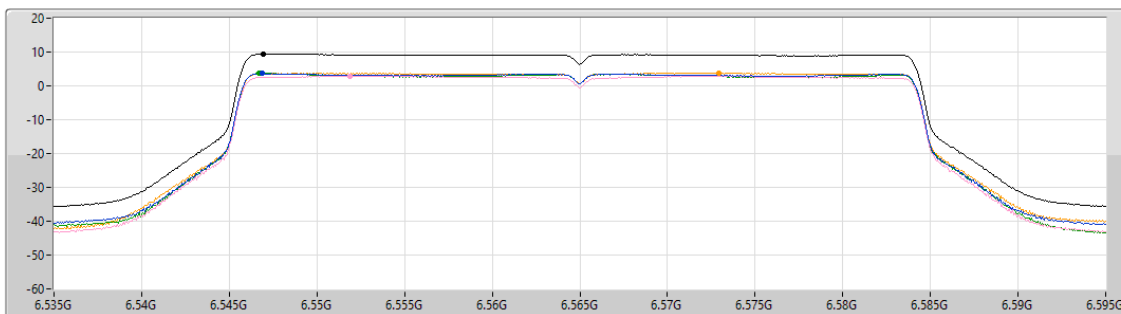
Span (Hz)  
60M

RBW (Hz)  
1M

VBW (Hz)  
3M

Sweep Time (s)  
54.744

Detector Type  
RMS



| Sum       | PD        | Port 1    | Port 2    | Port 3    | Port 4    |
|-----------|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 9.37      | 9.37      | 3.64      | 2.91      | 3.73      | 3.77      |

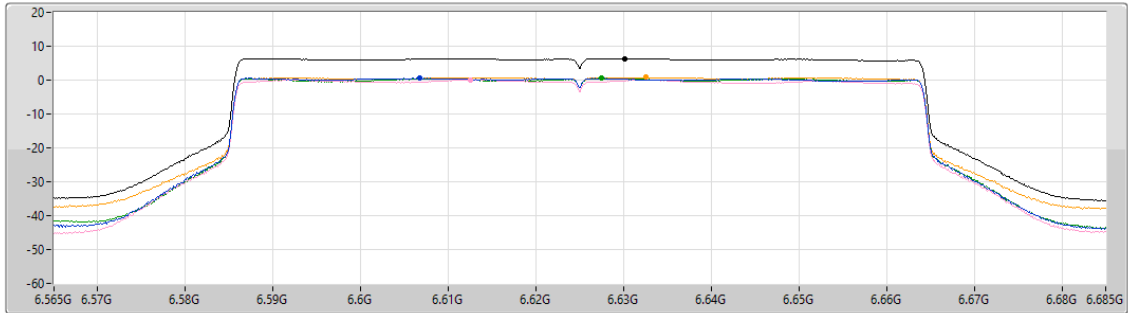
6.525-6.875GHz\_802.11be EHT80\_Nss1,(MCS0)\_4TX

PSD

6625MHz

18/06/2025

CF (Hz)  
6.625G  
Span (Hz)  
120M  
RBW (Hz)  
1M  
VBW (Hz)  
3M  
Sweep Time (s)  
54.744  
Detector Type  
RMS



Sum  
Port 1  
Port 2  
Port 3  
Port 4

| Sum       | PD        | Port 1    | Port 2    | Port 3    | Port 4    |
|-----------|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 6.33      | 6.33      | 0.55      | 0.08      | 0.48      | 0.79      |

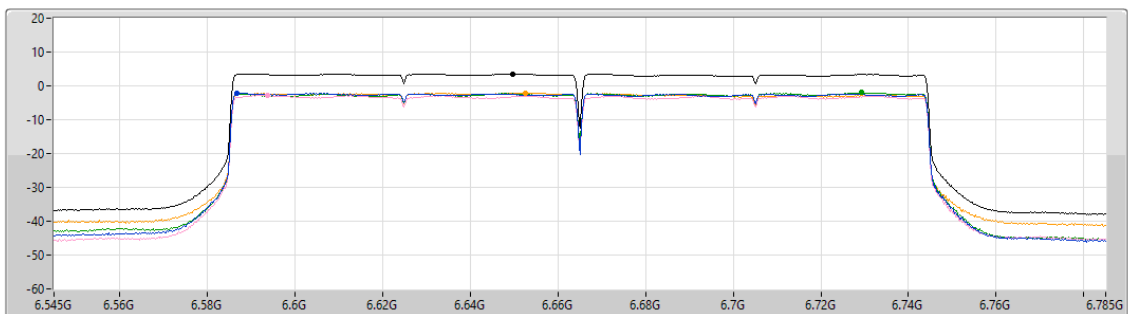
6.525-6.875GHz\_802.11be EHT160\_Nss1,(MCS0)\_4TX

PSD

6665MHz

18/06/2025

CF (Hz)  
6.665G  
Span (Hz)  
240M  
RBW (Hz)  
1M  
VBW (Hz)  
3M  
Sweep Time (s)  
54.744  
Detector Type  
RMS



Sum  
Port 1  
Port 2  
Port 3  
Port 4

| Sum       | PD        | Port 1    | Port 2    | Port 3    | Port 4    |
|-----------|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 3.46      | 3.46      | -2.22     | -2.82     | -2.01     | -2.14     |



**PSD\_Non-Beamforming\_  
Radio 3\_Directional Patch\_1T1S\_Multi-RU**

**Appendix D.7**

**Summary**

| Mode                                                     | PD<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) |
|----------------------------------------------------------|-----------------|----------------------|
| 5.925-6.425GHz                                           | -               | -                    |
| 802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_1TX(Port3)  | -0.13           | 5.87                 |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_1TX(Port3) | -1.73           | 4.27                 |
| 6.525-6.875GHz                                           | -               | -                    |
| 802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_1TX(Port3)  | 0.00            | 6.00                 |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_1TX(Port3) | -2.78           | 3.22                 |

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

**Result**

| Mode                                                       | Result | DG<br>(dBi) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) | EIRP PD Limit<br>(dBm/RBW) | Port 3<br>(dBm/RBW) |
|------------------------------------------------------------|--------|-------------|-----------------|-----------------------|----------------------|----------------------------|---------------------|
| 802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX(Port3)    | -      | -           | -               | -                     | -                    | -                          | -                   |
| 5985MHz                                                    | Pass   | 6.00        | -0.24           | Inf                   | 5.76                 | 23.00                      | -0.24               |
| 802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_1TX(Port3)    | -      | -           | -               | -                     | -                    | -                          | -                   |
| 5985MHz                                                    | Pass   | 6.00        | -0.35           | Inf                   | 5.65                 | 23.00                      | -0.35               |
| 802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX(Port3)    | -      | -           | -               | -                     | -                    | -                          | -                   |
| 6225MHz                                                    | Pass   | 6.00        | -0.39           | Inf                   | 5.61                 | 23.00                      | -0.39               |
| 802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_1TX(Port3)    | -      | -           | -               | -                     | -                    | -                          | -                   |
| 6225MHz                                                    | Pass   | 6.00        | -0.13           | Inf                   | 5.87                 | 23.00                      | -0.13               |
| 802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX(Port3)    | -      | -           | -               | -                     | -                    | -                          | -                   |
| 6385MHz                                                    | Pass   | 6.00        | -0.84           | Inf                   | 5.16                 | 23.00                      | -0.84               |
| 802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_1TX(Port3)    | -      | -           | -               | -                     | -                    | -                          | -                   |
| 6385MHz                                                    | Pass   | 6.00        | -1.06           | Inf                   | 4.94                 | 23.00                      | -1.06               |
| 802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX(Port3)    | -      | -           | -               | -                     | -                    | -                          | -                   |
| 6625MHz                                                    | Pass   | 6.00        | -0.64           | Inf                   | 5.36                 | 23.00                      | -0.64               |
| 802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_1TX(Port3)    | -      | -           | -               | -                     | -                    | -                          | -                   |
| 6625MHz                                                    | Pass   | 6.00        | -0.91           | Inf                   | 5.09                 | 23.00                      | -0.91               |
| 802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX(Port3)    | -      | -           | -               | -                     | -                    | -                          | -                   |
| 6705MHz                                                    | Pass   | 6.00        | -0.28           | Inf                   | 5.72                 | 23.00                      | -0.28               |
| 802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_1TX(Port3)    | -      | -           | -               | -                     | -                    | -                          | -                   |
| 6705MHz                                                    | Pass   | 6.00        | -0.43           | Inf                   | 5.57                 | 23.00                      | -0.43               |
| 802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX(Port3)    | -      | -           | -               | -                     | -                    | -                          | -                   |
| 6785MHz                                                    | Pass   | 6.00        | -0.20           | Inf                   | 5.80                 | 23.00                      | -0.20               |
| 802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_1TX(Port3)    | -      | -           | -               | -                     | -                    | -                          | -                   |
| 6785MHz                                                    | Pass   | 6.00        | 0.00            | Inf                   | 6.00                 | 23.00                      | -0.00               |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_1TX(Port3)   | -      | -           | -               | -                     | -                    | -                          | -                   |
| 6025MHz                                                    | Pass   | 6.00        | -1.73           | Inf                   | 4.27                 | 23.00                      | -1.73               |
| 802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_1TX(Port3) | -      | -           | -               | -                     | -                    | -                          | -                   |
| 6025MHz                                                    | Pass   | 6.00        | -1.75           | Inf                   | 4.25                 | 23.00                      | -1.75               |
| 802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_1TX(Port3)   | -      | -           | -               | -                     | -                    | -                          | -                   |
| 6025MHz                                                    | Pass   | 6.00        | -2.00           | Inf                   | 4.00                 | 23.00                      | -2.00               |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_1TX(Port3)   | -      | -           | -               | -                     | -                    | -                          | -                   |
| 6185MHz                                                    | Pass   | 6.00        | -2.62           | Inf                   | 3.38                 | 23.00                      | -2.62               |
| 802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_1TX(Port3) | -      | -           | -               | -                     | -                    | -                          | -                   |
| 6185MHz                                                    | Pass   | 6.00        | -2.84           | Inf                   | 3.16                 | 23.00                      | -2.84               |
| 802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_1TX(Port3)   | -      | -           | -               | -                     | -                    | -                          | -                   |
| 6185MHz                                                    | Pass   | 6.00        | -2.74           | Inf                   | 3.26                 | 23.00                      | -2.74               |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_1TX(Port3)   | -      | -           | -               | -                     | -                    | -                          | -                   |
| 6345MHz                                                    | Pass   | 6.00        | -3.76           | Inf                   | 2.24                 | 23.00                      | -3.76               |
| 802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_1TX(Port3) | -      | -           | -               | -                     | -                    | -                          | -                   |
| 6345MHz                                                    | Pass   | 6.00        | -3.43           | Inf                   | 2.57                 | 23.00                      | -3.43               |
| 802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_1TX(Port3)   | -      | -           | -               | -                     | -                    | -                          | -                   |
| 6345MHz                                                    | Pass   | 6.00        | -3.40           | Inf                   | 2.60                 | 23.00                      | -3.40               |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_1TX(Port3)   | -      | -           | -               | -                     | -                    | -                          | -                   |
| 6665MHz                                                    | Pass   | 6.00        | -2.78           | Inf                   | 3.22                 | 23.00                      | -2.78               |
| 802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_1TX(Port3) | -      | -           | -               | -                     | -                    | -                          | -                   |
| 6665MHz                                                    | Pass   | 6.00        | -2.82           | Inf                   | 3.18                 | 23.00                      | -2.82               |
| 802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_1TX(Port3)   | -      | -           | -               | -                     | -                    | -                          | -                   |
| 6665MHz                                                    | Pass   | 6.00        | -2.87           | Inf                   | 3.13                 | 23.00                      | -2.87               |

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.

5.925-6.425GHz\_802.11be EHT80\_Nss1,(MCS0),RU242+RU242 MRU 1\_1TX(Port3)

PSD

6225MHz

26/06/2025

CF (Hz)  
6.225G

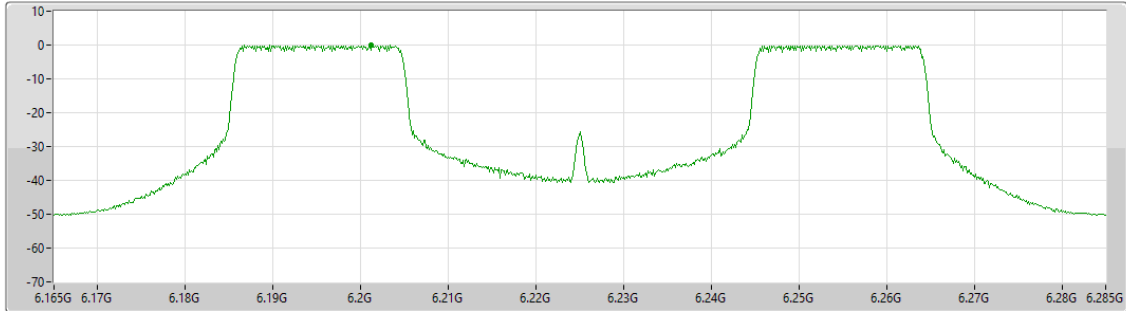
Span (Hz)  
120M

RBW (Hz)  
1M

VBW (Hz)  
3M

Sweep Time (s)  
28.342

Detector Type  
RMS



Port 3 

| Sum          | PD           | Port 1       | Port 2       | Port 3       |
|--------------|--------------|--------------|--------------|--------------|
| (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) |
| -0.13        | -0.13        | -            | -            | -0.13        |

5.925-6.425GHz\_802.11be EHT160\_Nss1,(MCS0),RU996+RU484 MRU 2\_1TX(Port3)

PSD

6025MHz

26/06/2025

CF (Hz)  
6.025G

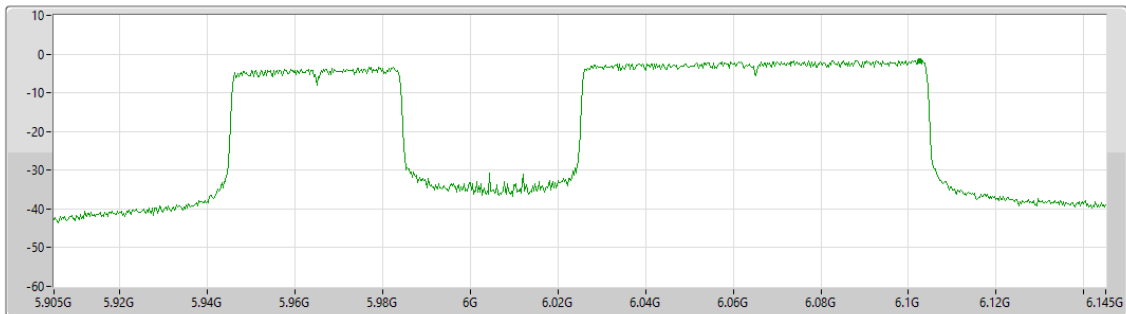
Span (Hz)  
240M

RBW (Hz)  
1M

VBW (Hz)  
3M

Sweep Time (s)  
15.641

Detector Type  
RMS



Port 3 

| Sum          | PD           | Port 1       | Port 2       | Port 3       |
|--------------|--------------|--------------|--------------|--------------|
| (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) |
| -1.73        | -1.73        | -            | -            | -1.73        |



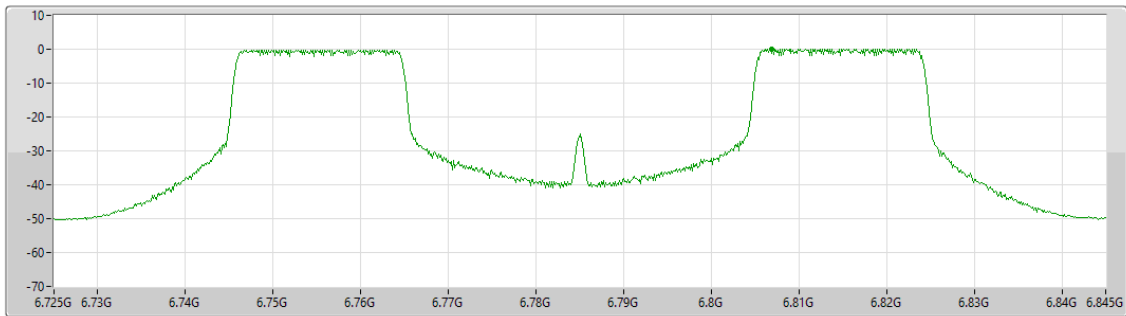
6.525-6.875GHz\_802.11be EHT80\_Nss1,(MCS0),RU242+RU242 MRU 1\_1TX(Port3)

PSD

6785MHz

26/06/2025

CF (Hz)  
6.785G  
Span (Hz)  
120M  
RBW (Hz)  
1M  
VBW (Hz)  
3M  
Sweep Time (s)  
28.342  
Detector Type  
RMS



Port 3

| Sum      | PD       | Port 1   | Port 2   | Port 3   |
|----------|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 0.00     | 0.00     | -        | -        | -0.00    |

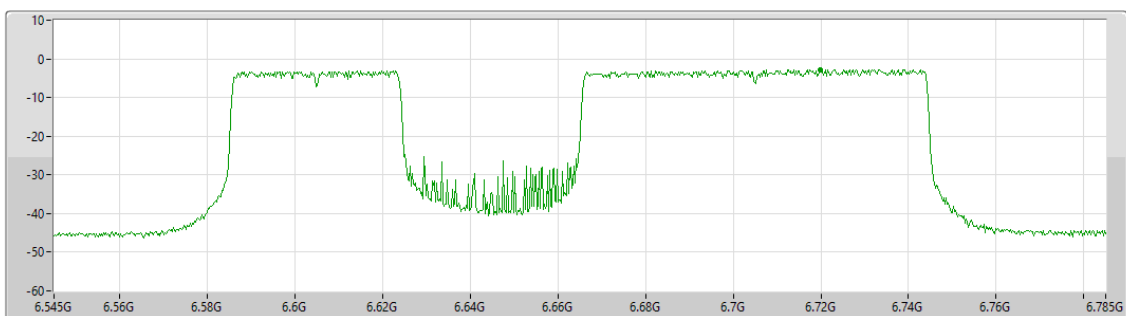
6.525-6.875GHz\_802.11be EHT160\_Nss1,(MCS0),RU996+RU484 MRU 2\_1TX(Port3)

PSD

6665MHz

27/06/2025

CF (Hz)  
6.665G  
Span (Hz)  
240M  
RBW (Hz)  
1M  
VBW (Hz)  
3M  
Sweep Time (s)  
15.641  
Detector Type  
RMS



Port 3

| Sum      | PD       | Port 1   | Port 2   | Port 3   |
|----------|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -2.78    | -2.78    | -        | -        | -2.78    |



**PSD\_Non-Beamforming\_  
Radio 3\_Directional Patch\_2T1S\_Multi-RU**

**Appendix D.8**

**Summary**

| Mode                                                           | PD<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) |
|----------------------------------------------------------------|-----------------|----------------------|
| 5.925-6.425GHz                                                 | -               | -                    |
| 802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX(Port2&Port3)  | 1.92            | 10.93                |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX(Port2&Port3) | -0.01           | 9.00                 |

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



**PSD\_Non-Beamforming\_  
Radio 3\_Directional Patch\_2T1S\_Multi-RU**

**Appendix D.8**

**Result**

| Mode                                                           | Result | DG<br>(dBi) | Port 2<br>(dBm/RBW) | Port 3<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) | EIRP PD Limit<br>(dBm/RBW) |
|----------------------------------------------------------------|--------|-------------|---------------------|---------------------|-----------------|-----------------------|----------------------|----------------------------|
| 802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX(Port2&Port3)  | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5985MHz                                                        | Pass   | 9.01        | -1.01               | -1.12               | 1.92            | Inf                   | 10.93                | 23.00                      |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX(Port2&Port3) | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 6025MHz                                                        | Pass   | 9.01        | -2.89               | -2.75               | -0.01           | Inf                   | 9.00                 | 23.00                      |

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.

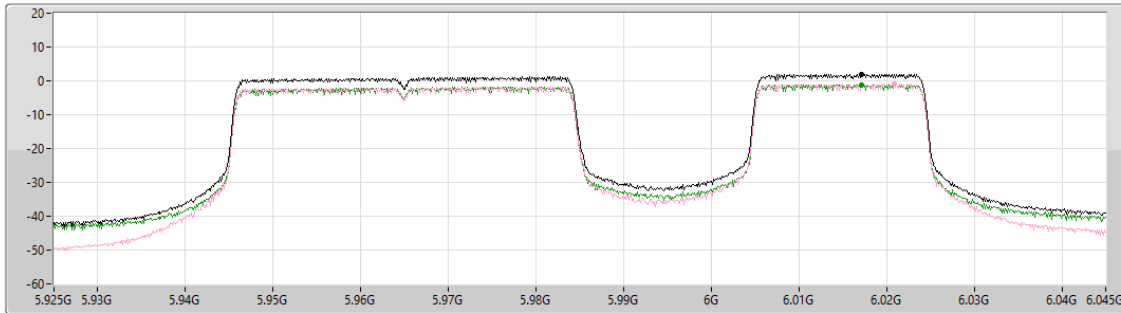
5.925-6.425GHz\_802.11be EHT80\_Nss1,(MCS0),RU484+RU242 MRU 3\_2TX(Port2&Port3)

PSD

5985MHz

27/06/2025

CF (Hz)  
5.985G  
Span (Hz)  
120M  
RBW (Hz)  
1M  
VBW (Hz)  
3M  
Sweep Time (s)  
28.342  
Detector Type  
RMS



Sum ☒  
Port 2 ☒  
Port 3 ☒

| Sum          | PD           | Port 1       | Port 2       | Port 3       |
|--------------|--------------|--------------|--------------|--------------|
| (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) |
| 1.92         | 1.92         | -            | -1.01        | -1.12        |

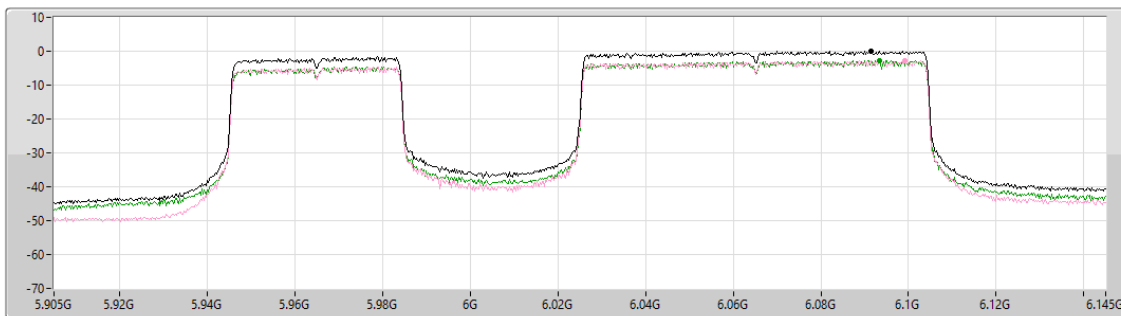
5.925-6.425GHz\_802.11be EHT160\_Nss1,(MCS0),RU996+RU484 MRU 2\_2TX(Port2&Port3)

PSD

6025MHz

27/06/2025

CF (Hz)  
6.025G  
Span (Hz)  
240M  
RBW (Hz)  
1M  
VBW (Hz)  
3M  
Sweep Time (s)  
15.078  
Detector Type  
RMS



Sum ☒  
Port 2 ☒  
Port 3 ☒

| Sum          | PD           | Port 1       | Port 2       | Port 3       |
|--------------|--------------|--------------|--------------|--------------|
| (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) |
| -0.01        | -0.01        | -            | -2.89        | -2.75        |



**PSD\_Non-Beamforming\_  
Radio 3\_Directional Patch\_4T1S\_Multi-RU**

**Appendix D.9**

**Summary**

| Mode                                              | PD<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) |
|---------------------------------------------------|-----------------|----------------------|
| 5.925-6.425GHz                                    | -               | -                    |
| 802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX  | 3.62            | 15.64                |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX | 1.77            | 13.79                |

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



**PSD\_Non-Beamforming\_  
Radio 3\_Directional Patch\_4T1S\_Multi-RU**

**Appendix D.9**

**Result**

| Mode                                              | Result | DG<br>(dBi) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) | EIRP PD Limit<br>(dBm/RBW) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) | Port 3<br>(dBm/RBW) | Port 4<br>(dBm/RBW) |
|---------------------------------------------------|--------|-------------|-----------------|-----------------------|----------------------|----------------------------|---------------------|---------------------|---------------------|---------------------|
| 802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX  | -      | -           | -               | -                     | -                    | -                          | -                   | -                   | -                   | -                   |
| 5985MHz                                           | Pass   | 12.02       | 3.62            | Inf                   | 15.64                | 23.00                      | -2.63               | -1.70               | -1.81               | -3.19               |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX | -      | -           | -               | -                     | -                    | -                          | -                   | -                   | -                   | -                   |
| 6025MHz                                           | Pass   | 12.02       | 1.77            | Inf                   | 13.79                | 23.00                      | -4.40               | -3.54               | -3.45               | -4.51               |

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.

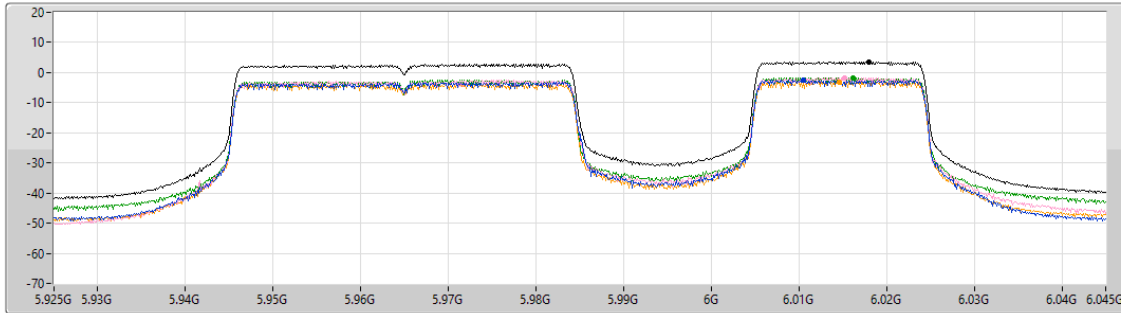
5.925-6.425GHz\_802.11be EHT80\_Nss1,(MCS0),RU484+RU242 MRU 3\_4TX

PSD

5985MHz

27/06/2025

CF (Hz)  
5.985G  
Span (Hz)  
120M  
RBW (Hz)  
1M  
VBW (Hz)  
3M  
Sweep Time (s)  
19.715  
Detector Type  
RMS



Sum  
Port 1  
Port 2  
Port 3  
Port 4

| Sum      | PD       | Port 1   | Port 2   | Port 3   | Port 4   |
|----------|----------|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 3.62     | 3.62     | -2.63    | -1.70    | -1.81    | -3.19    |

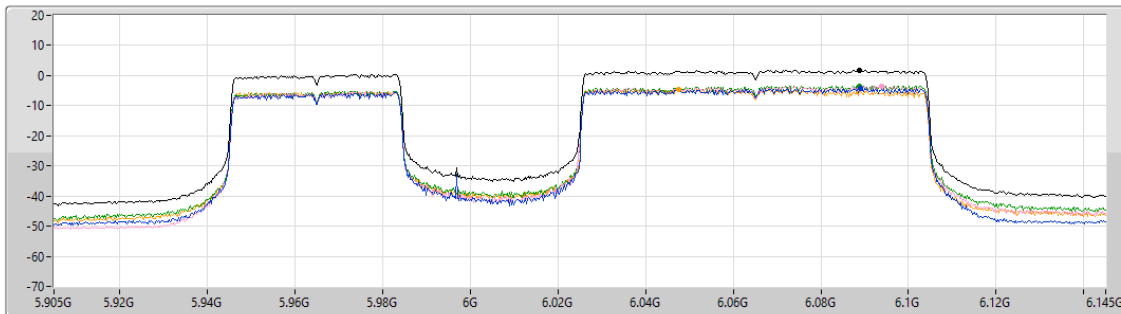
5.925-6.425GHz\_802.11be EHT160\_Nss1,(MCS0),RU996+RU484 MRU 2\_4TX

PSD

6025MHz

27/06/2025

CF (Hz)  
6.025G  
Span (Hz)  
240M  
RBW (Hz)  
1M  
VBW (Hz)  
3M  
Sweep Time (s)  
15.444  
Detector Type  
RMS



Sum  
Port 1  
Port 2  
Port 3  
Port 4

| Sum      | PD       | Port 1   | Port 2   | Port 3   | Port 4   |
|----------|----------|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 1.77     | 1.77     | -4.40    | -3.54    | -3.45    | -4.51    |



**PSD\_Non-Beamforming\_  
Radio 3\_Omnidirectional\_1T1S\_Multi-RU**

**Appendix D.10**

**Summary**

| Mode                                                     | PD<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) |
|----------------------------------------------------------|-----------------|----------------------|
| 5.925-6.425GHz                                           | -               | -                    |
| 802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX(Port3)  | 0.63            | 4.63                 |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_1TX(Port3) | -1.73           | 2.27                 |

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



**PSD\_Non-Beamforming\_  
Radio 3\_Omnidirectional\_1T1S\_Multi-RU**

**Appendix D.10**

**Result**

| Mode                                                     | Result | DG<br>(dBi) | Port 3<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) | EIRP PD Limit<br>(dBm/RBW) |
|----------------------------------------------------------|--------|-------------|---------------------|-----------------|-----------------------|----------------------|----------------------------|
| 802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX(Port3)  | -      | -           | -                   | -               | -                     | -                    | -                          |
| 5985MHz                                                  | Pass   | 4.00        | 0.63                | 0.63            | Inf                   | 4.63                 | 23.00                      |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_1TX(Port3) | -      | -           | -                   | -               | -                     | -                    | -                          |
| 6025MHz                                                  | Pass   | 4.00        | -1.73               | -1.73           | Inf                   | 2.27                 | 23.00                      |

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.

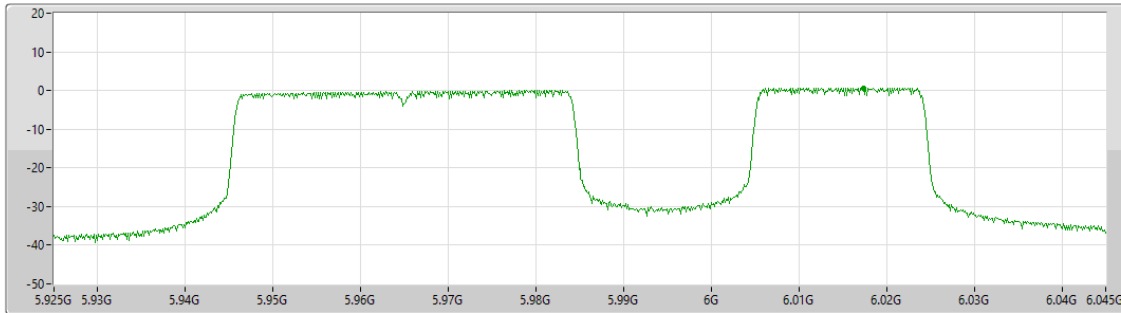
5.925-6.425GHz\_802.11be EHT80\_Nss1,(MCS0),RU484+RU242 MRU 3\_1TX(Port3)

PSD

5985MHz

26/06/2025

CF (Hz)  
5.985G  
Span (Hz)  
120M  
RBW (Hz)  
1M  
VBW (Hz)  
3M  
Sweep Time (s)  
19.725  
Detector Type  
RMS



Port 3 

| Sum       | PD        | Port 1    | Port 2    | Port 3    |
|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 0.63      | 0.63      | -         | -         | 0.63      |

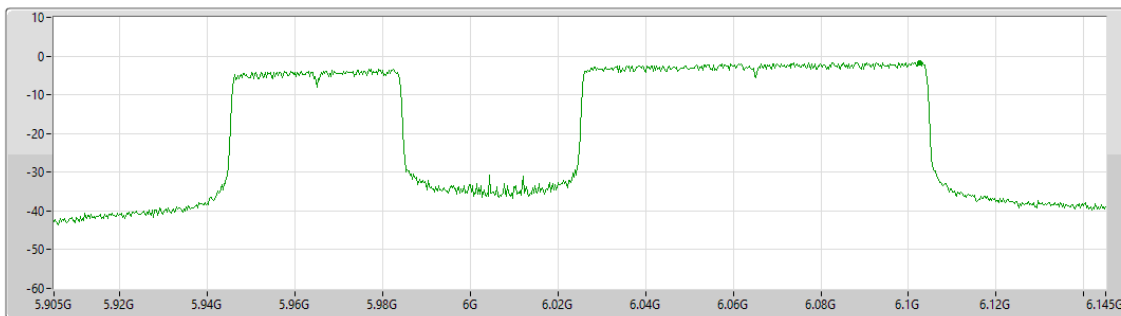
5.925-6.425GHz\_802.11be EHT160\_Nss1,(MCS0),RU996+RU484 MRU 2\_1TX(Port3)

PSD

6025MHz

26/06/2025

CF (Hz)  
6.025G  
Span (Hz)  
240M  
RBW (Hz)  
1M  
VBW (Hz)  
3M  
Sweep Time (s)  
15.641  
Detector Type  
RMS



Port 3 

| Sum       | PD        | Port 1    | Port 2    | Port 3    |
|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -1.73     | -1.73     | -         | -         | -1.73     |



**PSD\_Non-Beamforming\_  
Radio 3\_Omnidirectional\_2T1S\_Multi-RU**

**Appendix D.11**

**Summary**

| Mode                                                           | PD<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) |
|----------------------------------------------------------------|-----------------|----------------------|
| 5.925-6.425GHz                                                 | -               | -                    |
| 802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX(Port2&Port3)  | 2.78            | 9.79                 |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX(Port2&Port3) | 0.97            | 7.98                 |

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



**PSD\_Non-Beamforming\_  
Radio 3\_Omnidirectional\_2T1S\_Multi-RU**

**Appendix D.11**

**Result**

| Mode                                                           | Result | DG<br>(dBi) | Port 2<br>(dBm/RBW) | Port 3<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) | EIRP PD Limit<br>(dBm/RBW) |
|----------------------------------------------------------------|--------|-------------|---------------------|---------------------|-----------------|-----------------------|----------------------|----------------------------|
| 802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX(Port2&Port3)  | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5985MHz                                                        | Pass   | 7.01        | -0.22               | -0.08               | 2.78            | Inf                   | 9.79                 | 23.00                      |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX(Port2&Port3) | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 6025MHz                                                        | Pass   | 7.01        | -2.20               | -1.80               | 0.97            | Inf                   | 7.98                 | 23.00                      |

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.



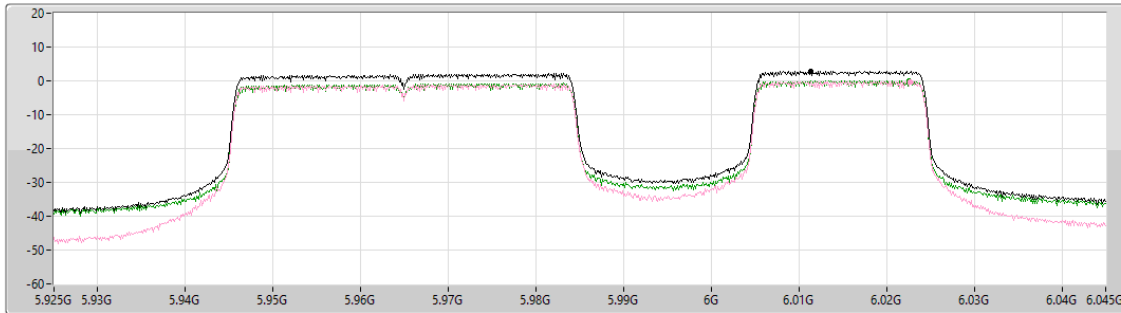
5.925-6.425GHz\_802.11be EHT80\_Nss1,(MCS0),RU484+RU242 MRU 3\_2TX(Port2&Port3)

PSD

5985MHz

26/06/2025

CF (Hz)  
5.985G  
Span (Hz)  
120M  
RBW (Hz)  
1M  
VBW (Hz)  
3M  
Sweep Time (s)  
28.342  
Detector Type  
RMS



| Sum       | PD        | Port 1    | Port 2    | Port 3    |
|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 2.78      | 2.78      | -         | -0.22     | -0.08     |

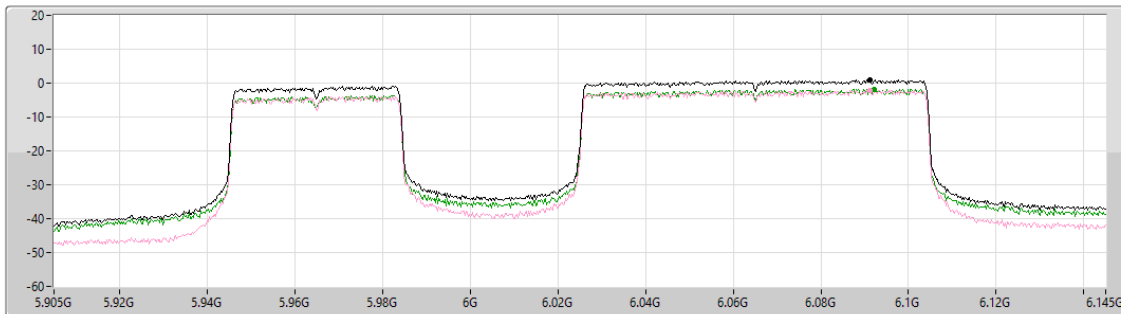
5.925-6.425GHz\_802.11be EHT160\_Nss1,(MCS0),RU996+RU484 MRU 2\_2TX(Port2&Port3)

PSD

6025MHz

26/06/2025

CF (Hz)  
6.025G  
Span (Hz)  
240M  
RBW (Hz)  
1M  
VBW (Hz)  
3M  
Sweep Time (s)  
15.078  
Detector Type  
RMS



| Sum       | PD        | Port 1    | Port 2    | Port 3    |
|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 0.97      | 0.97      | -         | -2.20     | -1.80     |



# PSD\_Non-Beamforming\_ Radio 3\_Omnidirectional\_4T1S\_Multi-RU

## Appendix D.12

### Summary

| Mode                                              | PD<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) |
|---------------------------------------------------|-----------------|----------------------|
| 5.925-6.425GHz                                    | -               | -                    |
| 802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX  | 4.41            | 14.43                |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX | 2.70            | 12.72                |

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



**PSD\_Non-Beamforming\_  
Radio 3\_Omnidirectional\_4T1S\_Multi-RU**

**Appendix D.12**

**Result**

| Mode                                              | Result | DG<br>(dBi) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) | Port 3<br>(dBm/RBW) | Port 4<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) | EIRP PD Limit<br>(dBm/RBW) |
|---------------------------------------------------|--------|-------------|---------------------|---------------------|---------------------|---------------------|-----------------|-----------------------|----------------------|----------------------------|
| 802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX  | -      | -           | -                   | -                   | -                   | -                   | -               | -                     | -                    | -                          |
| 5985MHz                                           | Pass   | 10.02       | -1.71               | -0.90               | -0.98               | -2.39               | 4.41            | Inf                   | 14.43                | 23.00                      |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX | -      | -           | -                   | -                   | -                   | -                   | -               | -                     | -                    | -                          |
| 6025MHz                                           | Pass   | 10.02       | -3.48               | -2.50               | -2.47               | -3.39               | 2.70            | Inf                   | 12.72                | 23.00                      |

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.

5.925-6.425GHz\_802.11be EHT80\_Nss1,(MCS0),RU484+RU242 MRU 3\_4TX

PSD

5985MHz

26/06/2025

CF (Hz)  
5.985G

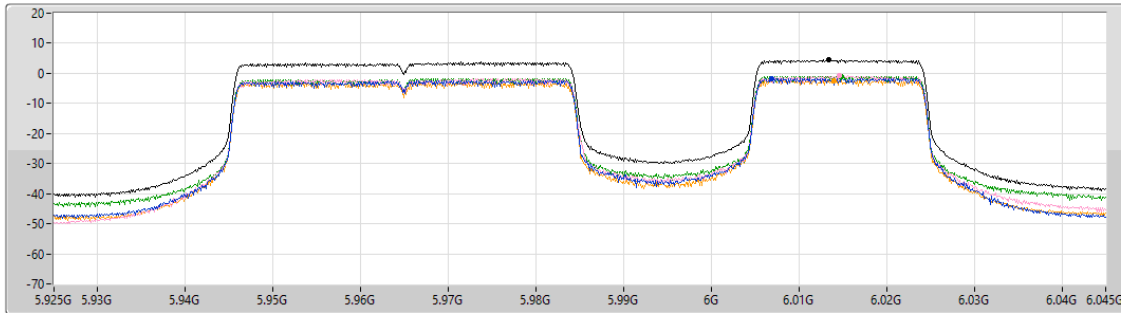
Span (Hz)  
120M

RBW (Hz)  
1M

VBW (Hz)  
3M

Sweep Time (s)  
19.715

Detector Type  
RMS



Sum ☒

Port 1 ☐

Port 2 ☐

Port 3 ☐

Port 4 ☐

| Sum      | PD       | Port 1   | Port 2   | Port 3   | Port 4   |
|----------|----------|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 4.41     | 4.41     | -1.71    | -0.90    | -0.98    | -2.39    |

5.925-6.425GHz\_802.11be EHT160\_Nss1,(MCS0),RU996+RU484 MRU 2\_4TX

PSD

6025MHz

26/06/2025

CF (Hz)  
6.025G

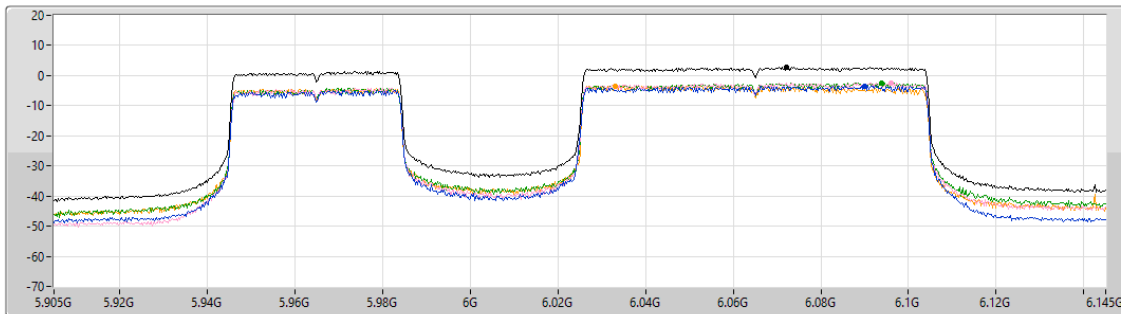
Span (Hz)  
240M

RBW (Hz)  
1M

VBW (Hz)  
3M

Sweep Time (s)  
15.444

Detector Type  
RMS



Sum ☒

Port 1 ☐

Port 2 ☐

Port 3 ☐

Port 4 ☐

| Sum      | PD       | Port 1   | Port 2   | Port 3   | Port 4   |
|----------|----------|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 2.70     | 2.70     | -3.48    | -2.50    | -2.47    | -3.39    |



**Summary**

| Mode                                                          | PD<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) |
|---------------------------------------------------------------|-----------------|----------------------|
| 5.925-6.425GHz                                                | -               | -                    |
| 802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX(Port3)        | -0.10           | 5.90                 |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_1TX(Port3) | -1.83           | 4.17                 |

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



**PSD\_Non-Beamforming\_  
Radio 3\_Directional Patch\_1T1S\_Channel Puncturing**

**Appendix D.13**

**Result**

| Mode                                                          | Result | DG<br>(dBi) | Port 3<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) | EIRP PD Limit<br>(dBm/RBW) |
|---------------------------------------------------------------|--------|-------------|---------------------|-----------------|-----------------------|----------------------|----------------------------|
| 802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX(Port3)        | -      | -           | -                   | -               | -                     | -                    | -                          |
| 5985MHz                                                       | Pass   | 6.00        | -0.10               | -0.10           | Inf                   | 5.90                 | 23.00                      |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_1TX(Port3) | -      | -           | -                   | -               | -                     | -                    | -                          |
| 6025MHz                                                       | Pass   | 6.00        | -1.83               | -1.83           | Inf                   | 4.17                 | 23.00                      |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_1TX(Port3)       | -      | -           | -                   | -               | -                     | -                    | -                          |
| 6025MHz                                                       | Pass   | 6.00        | -1.96               | -1.96           | Inf                   | 4.04                 | 23.00                      |

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.



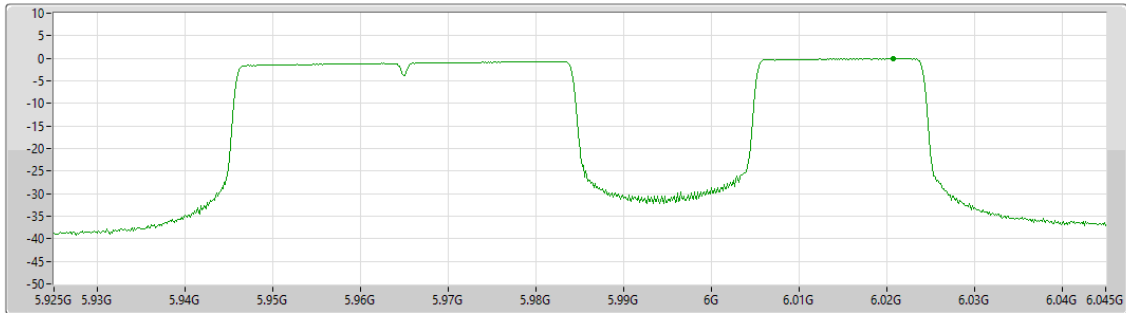
5.925-6.425GHz\_802.11be EHT80\_Nss1,(MCS0),RU484+RU242 CP 3\_1TX(Port3)

PSD

5985MHz

25/06/2025

CF (Hz)  
5.985G  
Span (Hz)  
120M  
RBW (Hz)  
1M  
VBW (Hz)  
3M  
Sweep Time (s)  
54.745  
Detector Type  
RMS



Port 3

| Sum          | PD           | Port 1       | Port 2       | Port 3       |
|--------------|--------------|--------------|--------------|--------------|
| (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) |
| -0.10        | -0.10        | -            | -            | -0.10        |

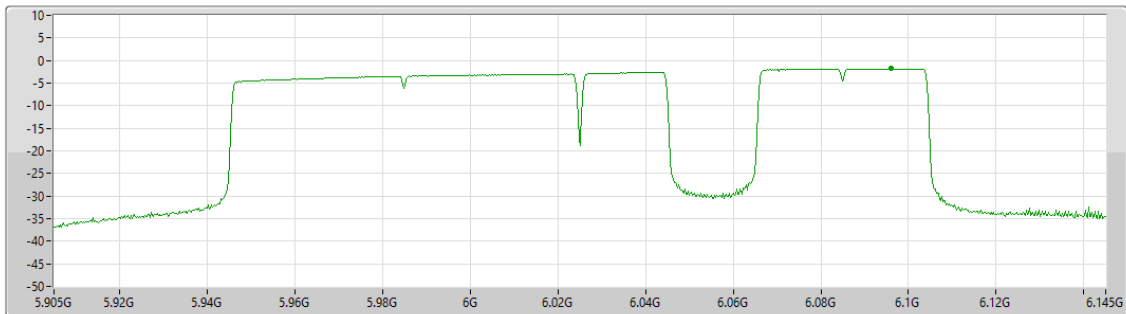
5.925-6.425GHz\_802.11be EHT160\_Nss1,(MCS0),RU996+RU484+RU242 CP 6\_1TX(Port3)

PSD

6025MHz

25/06/2025

CF (Hz)  
6.025G  
Span (Hz)  
240M  
RBW (Hz)  
1M  
VBW (Hz)  
3M  
Sweep Time (s)  
54.745  
Detector Type  
RMS



Port 3

| Sum          | PD           | Port 1       | Port 2       | Port 3       |
|--------------|--------------|--------------|--------------|--------------|
| (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) |
| -1.83        | -1.83        | -            | -            | -1.83        |



**PSD\_Non-Beamforming\_  
Radio 3\_Directional Patch\_2T1S\_Channel Puncturing**

**Appendix D.14**

**Summary**

| Mode                                                          | PD<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) |
|---------------------------------------------------------------|-----------------|----------------------|
| 5.925-6.425GHz                                                | -               | -                    |
| 802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX(Port2&Port3)  | 1.83            | 10.84                |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_2TX(Port2&Port3) | -0.27           | 8.74                 |

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



**PSD\_Non-Beamforming\_  
Radio 3\_Directional Patch\_2T1S\_Channel Puncturing**

**Appendix D.14**

**Result**

| Mode                                                                | Result | DG<br>(dBi) | Port 2<br>(dBm/RBW) | Port 3<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) | EIRP PD Limit<br>(dBm/RBW) |
|---------------------------------------------------------------------|--------|-------------|---------------------|---------------------|-----------------|-----------------------|----------------------|----------------------------|
| 802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX(Port2&Port3)        | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5985MHz                                                             | Pass   | 9.01        | -1.14               | -1.15               | 1.83            | Inf                   | 10.84                | 23.00                      |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_2TX(Port2&Port3) | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 6025MHz                                                             | Pass   | 9.01        | -3.44               | -3.44               | -0.45           | Inf                   | 8.56                 | 23.00                      |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_2TX(Port2&Port3)       | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 6025MHz                                                             | Pass   | 9.01        | -3.21               | -3.29               | -0.27           | Inf                   | 8.74                 | 23.00                      |

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.

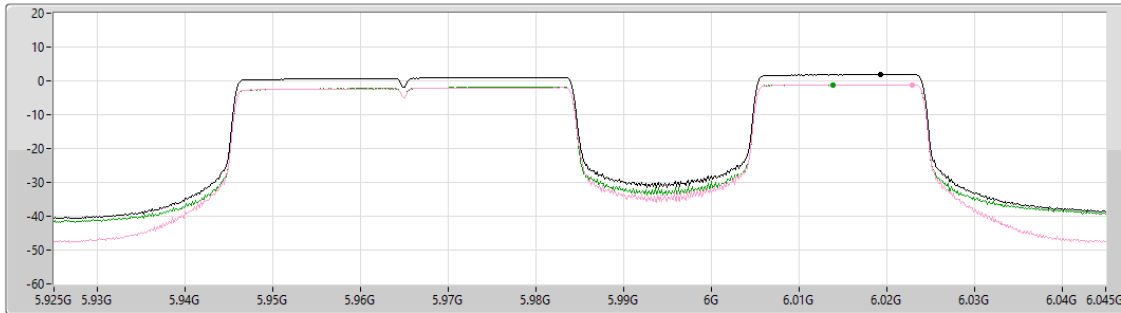
5.925-6.425GHz\_802.11be EHT80\_Nss1,(MCS0),RU484+RU242 CP 3\_2TX(Port2&Port3)

PSD

5985MHz

25/06/2025

CF (Hz)  
5.985G  
Span (Hz)  
120M  
RBW (Hz)  
1M  
VBW (Hz)  
3M  
Sweep Time (s)  
54.734  
Detector Type  
RMS



Sum  
Port 2  
Port 3

| Sum       | PD        | Port 1    | Port 2    | Port 3    |
|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 1.83      | 1.83      | -         | -1.14     | -1.15     |

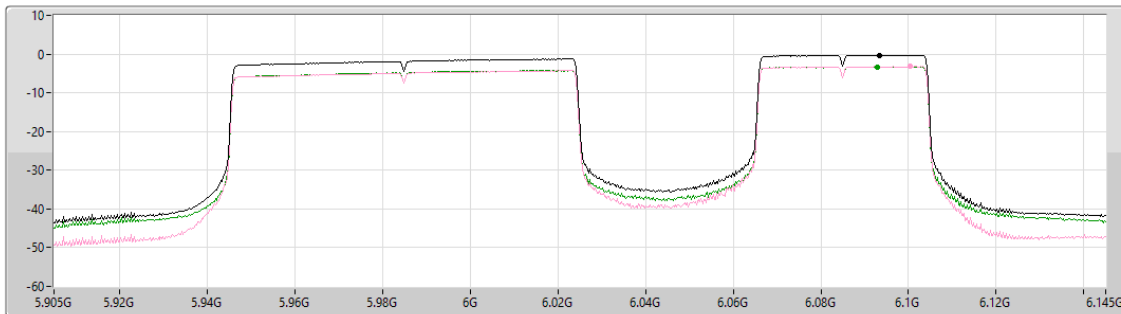
5.925-6.425GHz\_802.11be EHT160\_Nss1,(MCS0),RU996+RU484 CP 3\_2TX(Port2&Port3)

PSD

6025MHz

25/06/2025

CF (Hz)  
6.025G  
Span (Hz)  
240M  
RBW (Hz)  
1M  
VBW (Hz)  
3M  
Sweep Time (s)  
54.744  
Detector Type  
RMS



Sum  
Port 2  
Port 3

| Sum       | PD        | Port 1    | Port 2    | Port 3    |
|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -0.27     | -0.27     | -         | -3.21     | -3.29     |



**Summary**

| Mode                                             | PD<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) |
|--------------------------------------------------|-----------------|----------------------|
| 5.925-6.425GHz                                   | -               | -                    |
| 802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX  | 3.60            | 15.62                |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_4TX | 1.61            | 13.63                |

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



**PSD\_Non-Beamforming\_  
Radio 3\_Directional Patch\_4T1S\_Channel Puncturing**

**Appendix D.15**

**Result**

| Mode                                                   | Result | DG<br>(dBi) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) | Port 3<br>(dBm/RBW) | Port 4<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) | EIRP PD Limit<br>(dBm/RBW) |
|--------------------------------------------------------|--------|-------------|---------------------|---------------------|---------------------|---------------------|-----------------|-----------------------|----------------------|----------------------------|
| 802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX        | -      | -           | -                   | -                   | -                   | -                   | -               | -                     | -                    | -                          |
| 5985MHz                                                | Pass   | 12.02       | -2.43               | -1.73               | -1.97               | -3.20               | 3.60            | Inf                   | 15.62                | 23.00                      |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_4TX | -      | -           | -                   | -                   | -                   | -                   | -               | -                     | -                    | -                          |
| 6025MHz                                                | Pass   | 12.02       | -5.13               | -4.28               | -4.35               | -5.60               | 1.01            | Inf                   | 13.03                | 23.00                      |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_4TX       | -      | -           | -                   | -                   | -                   | -                   | -               | -                     | -                    | -                          |
| 6025MHz                                                | Pass   | 12.02       | -4.47               | -3.72               | -3.78               | -5.22               | 1.61            | Inf                   | 13.63                | 23.00                      |

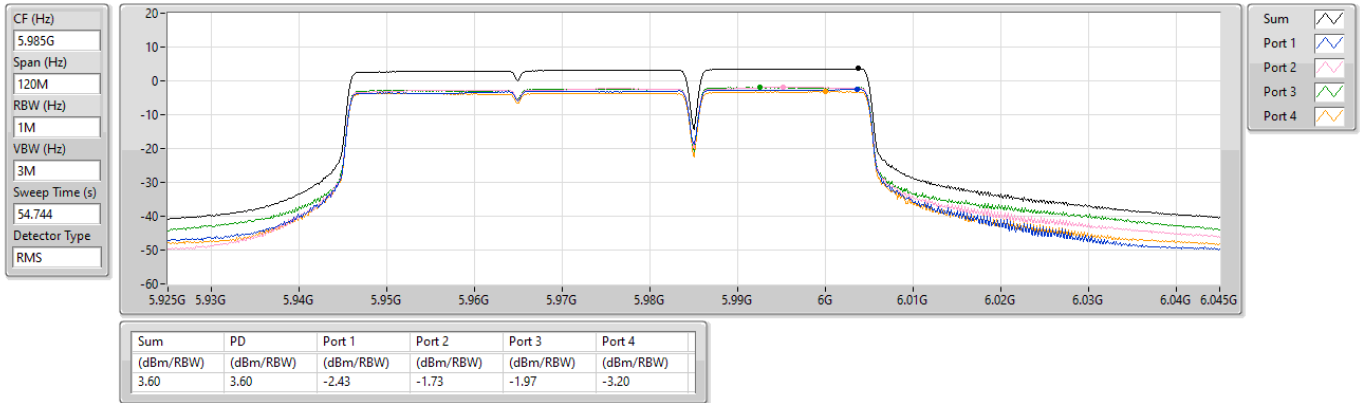
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;  
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;  
Inf = There's no restriction for the limit.

5.925-6.425GHz\_802.11be EHT80\_Nss1,(MCS0),RU484+RU242 CP 4\_4TX

PSD

5985MHz

25/06/2025

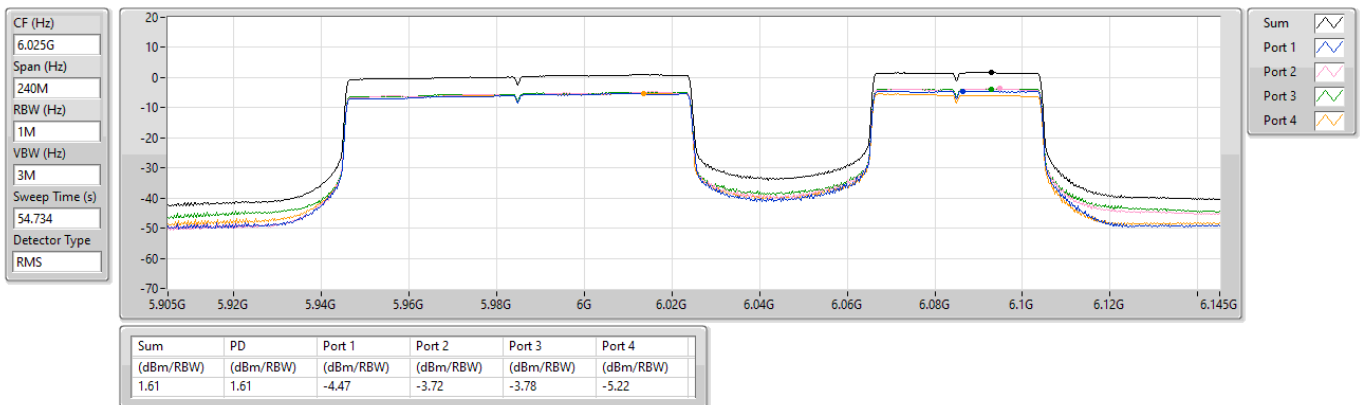


5.925-6.425GHz\_802.11be EHT160\_Nss1,(MCS0),RU996+RU484 CP 3\_4TX

PSD

6025MHz

25/06/2025





**PSD\_Non-Beamforming\_  
Radio 3\_Omnidirectional\_1T1S\_Channel Puncturing**

**Appendix D.16**

**Summary**

| Mode                                                          | PD<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) |
|---------------------------------------------------------------|-----------------|----------------------|
| 5.925-6.425GHz                                                | -               | -                    |
| 802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX(Port3)        | 0.30            | 4.30                 |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_1TX(Port3) | -1.83           | 2.17                 |

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



**PSD\_Non-Beamforming\_  
Radio 3\_Omnidirectional\_1T1S\_Channel Puncturing**

**Appendix D.16**

**Result**

| Mode                                                          | Result | DG<br>(dBi) | Port 3<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) | EIRP PD Limit<br>(dBm/RBW) |
|---------------------------------------------------------------|--------|-------------|---------------------|-----------------|-----------------------|----------------------|----------------------------|
| 802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX(Port3)        | -      | -           | -                   | -               | -                     | -                    | -                          |
| 5985MHz                                                       | Pass   | 4.00        | 0.30                | 0.30            | Inf                   | 4.30                 | 23.00                      |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_1TX(Port3) | -      | -           | -                   | -               | -                     | -                    | -                          |
| 6025MHz                                                       | Pass   | 4.00        | -1.83               | -1.83           | Inf                   | 2.17                 | 23.00                      |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_1TX(Port3)       | -      | -           | -                   | -               | -                     | -                    | -                          |
| 6025MHz                                                       | Pass   | 4.00        | -1.96               | -1.96           | Inf                   | 2.04                 | 23.00                      |

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.

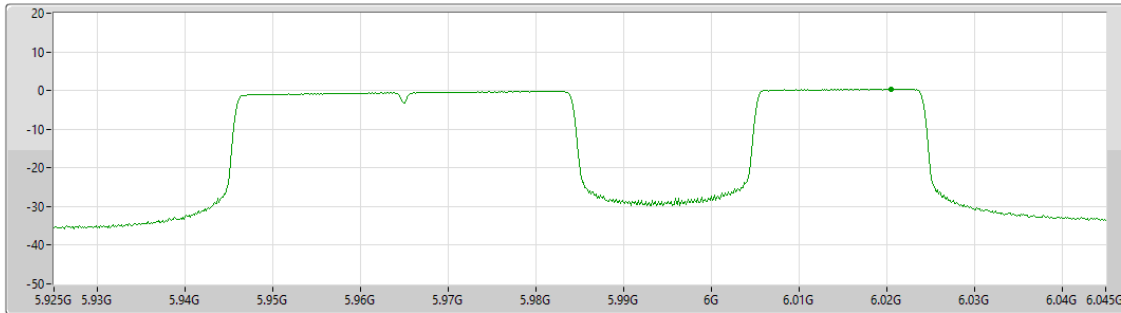
5.925-6.425GHz\_802.11be EHT80\_Nss1,(MCS0),RU484+RU242 CP 3\_1TX(Port3)

PSD

5985MHz

24/06/2025

CF (Hz)  
5.985G  
Span (Hz)  
120M  
RBW (Hz)  
1M  
VBW (Hz)  
3M  
Sweep Time (s)  
54.745  
Detector Type  
RMS



Port 3 

| Sum       | PD        | Port 1    | Port 2    | Port 3    |
|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 0.30      | 0.30      | -         | -         | 0.30      |

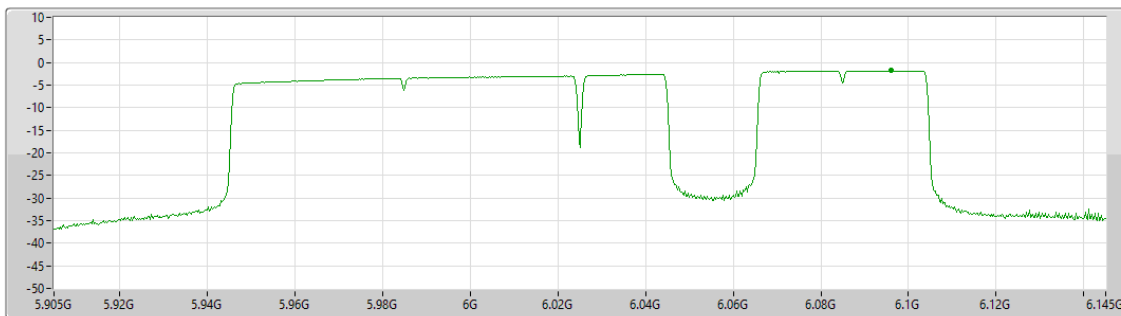
5.925-6.425GHz\_802.11be EHT160\_Nss1,(MCS0),RU996+RU484+RU242 CP 6\_1TX(Port3)

PSD

6025MHz

25/06/2025

CF (Hz)  
6.025G  
Span (Hz)  
240M  
RBW (Hz)  
1M  
VBW (Hz)  
3M  
Sweep Time (s)  
54.745  
Detector Type  
RMS



Port 3 

| Sum       | PD        | Port 1    | Port 2    | Port 3    |
|-----------|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -1.83     | -1.83     | -         | -         | -1.83     |



**Summary**

| Mode                                                          | PD<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) |
|---------------------------------------------------------------|-----------------|----------------------|
| 5.925-6.425GHz                                                | -               | -                    |
| 802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX(Port2&Port3)  | 2.87            | 9.88                 |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_2TX(Port2&Port3) | 0.87            | 7.88                 |

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



**PSD\_Non-Beamforming\_  
Radio 3\_Omnidirectional\_2T1S\_Channel Puncturing**

**Appendix D.17**

**Result**

| Mode                                                                | Result | DG<br>(dBi) | Port 2<br>(dBm/RBW) | Port 3<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) | EIRP PD Limit<br>(dBm/RBW) |
|---------------------------------------------------------------------|--------|-------------|---------------------|---------------------|-----------------|-----------------------|----------------------|----------------------------|
| 802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX(Port2&Port3)        | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 5985MHz                                                             | Pass   | 7.01        | -0.13               | -0.05               | 2.87            | Inf                   | 9.88                 | 23.00                      |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 8_2TX(Port2&Port3) | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 6025MHz                                                             | Pass   | 7.01        | -2.81               | -2.65               | 0.27            | Inf                   | 7.28                 | 23.00                      |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_2TX(Port2&Port3)       | -      | -           | -                   | -                   | -               | -                     | -                    | -                          |
| 6025MHz                                                             | Pass   | 7.01        | -2.20               | -2.06               | 0.87            | Inf                   | 7.88                 | 23.00                      |

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.

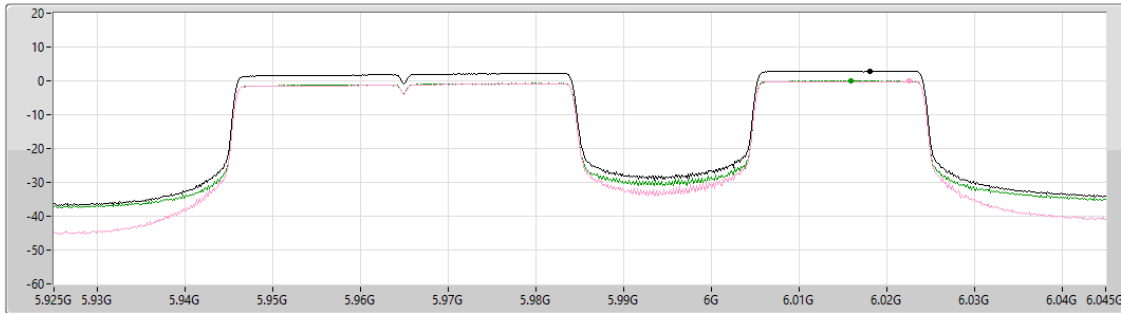
5.925-6.425GHz\_802.11be EHT80\_Nss1,(MCS0),RU484+RU242 CP 3\_2TX(Port2&Port3)

PSD

5985MHz

24/06/2025

CF (Hz)  
5.985G  
Span (Hz)  
120M  
RBW (Hz)  
1M  
VBW (Hz)  
3M  
Sweep Time (s)  
54.734  
Detector Type  
RMS



Sum  
Port 2  
Port 3

| Sum      | PD       | Port 1   | Port 2   | Port 3   |
|----------|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 2.87     | 2.87     | -        | -0.13    | -0.05    |

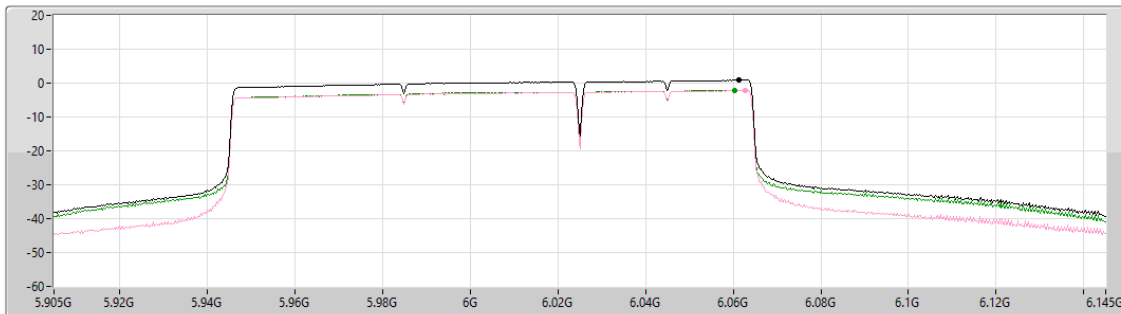
5.925-6.425GHz\_802.11be EHT160\_Nss1,(MCS0),RU996+RU484 CP 4\_2TX(Port2&Port3)

PSD

6025MHz

24/06/2025

CF (Hz)  
6.025G  
Span (Hz)  
240M  
RBW (Hz)  
1M  
VBW (Hz)  
3M  
Sweep Time (s)  
54.744  
Detector Type  
RMS



Sum  
Port 2  
Port 3

| Sum      | PD       | Port 1   | Port 2   | Port 3   |
|----------|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 0.87     | 0.87     | -        | -2.20    | -2.06    |



**Summary**

| Mode                                             | PD<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) |
|--------------------------------------------------|-----------------|----------------------|
| 5.925-6.425GHz                                   | -               | -                    |
| 802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX  | 4.44            | 14.46                |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_4TX | 1.92            | 11.94                |

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



**PSD\_Non-Beamforming\_  
Radio 3\_Omnidirectional\_4T1S\_Channel Puncturing**

**Appendix D.18**

**Result**

| Mode                                                   | Result | DG<br>(dBi) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) | Port 3<br>(dBm/RBW) | Port 4<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) | EIRP PD Limit<br>(dBm/RBW) |
|--------------------------------------------------------|--------|-------------|---------------------|---------------------|---------------------|---------------------|-----------------|-----------------------|----------------------|----------------------------|
| 802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX        | -      | -           | -                   | -                   | -                   | -                   | -               | -                     | -                    | -                          |
| 5985MHz                                                | Pass   | 10.02       | -1.83               | -0.96               | -1.04               | -2.37               | 4.44            | Inf                   | 14.46                | 23.00                      |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_4TX | -      | -           | -                   | -                   | -                   | -                   | -               | -                     | -                    | -                          |
| 6025MHz                                                | Pass   | 10.02       | -4.91               | -3.91               | -4.00               | -5.27               | 1.32            | Inf                   | 11.34                | 23.00                      |
| 802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_4TX       | -      | -           | -                   | -                   | -                   | -                   | -               | -                     | -                    | -                          |
| 6025MHz                                                | Pass   | 10.02       | -4.27               | -3.31               | -3.36               | -4.84               | 1.92            | Inf                   | 11.94                | 23.00                      |

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.

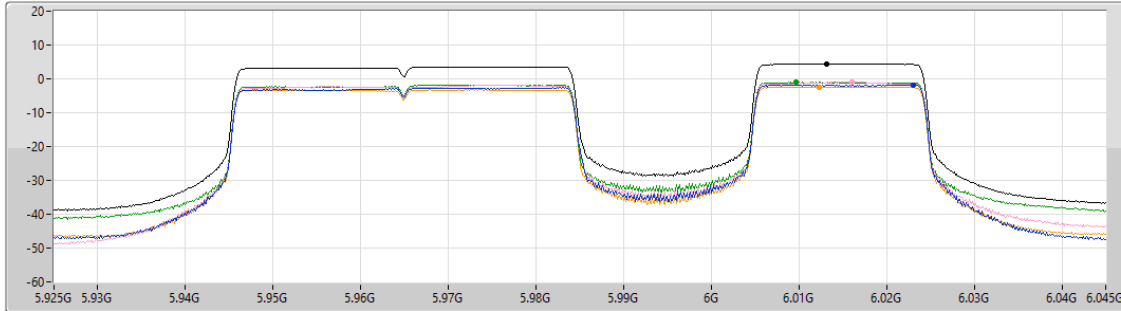
5.925-6.425GHz\_802.11be EHT80\_Nss1,(MCS0),RU484+RU242 CP 3\_4TX

PSD

5985MHz

23/06/2025

CF (Hz)  
5.985G  
Span (Hz)  
120M  
RBW (Hz)  
1M  
VBW (Hz)  
3M  
Sweep Time (s)  
54.744  
Detector Type  
RMS



Sum  
Port 1  
Port 2  
Port 3  
Port 4

| Sum      | PD       | Port 1   | Port 2   | Port 3   | Port 4   |
|----------|----------|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 4.44     | 4.44     | -1.83    | -0.96    | -1.04    | -2.37    |

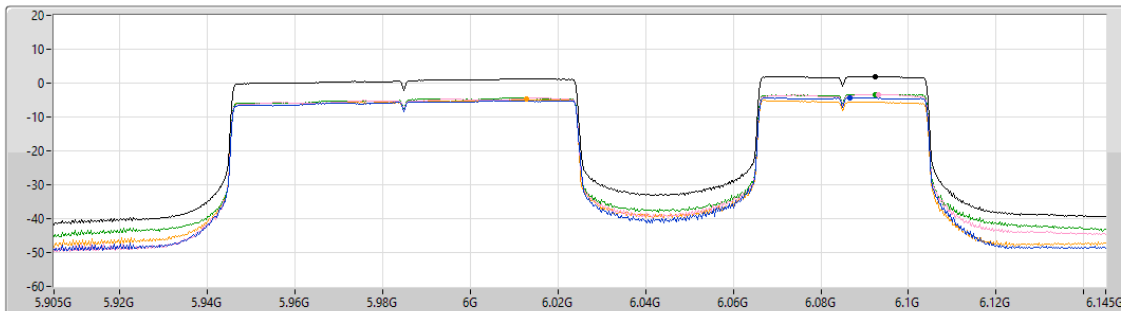
5.925-6.425GHz\_802.11be EHT160\_Nss1,(MCS0),RU996+RU484 CP 3\_4TX

PSD

6025MHz

24/06/2025

CF (Hz)  
6.025G  
Span (Hz)  
240M  
RBW (Hz)  
1M  
VBW (Hz)  
3M  
Sweep Time (s)  
54.734  
Detector Type  
RMS



Sum  
Port 1  
Port 2  
Port 3  
Port 4

| Sum      | PD       | Port 1   | Port 2   | Port 3   | Port 4   |
|----------|----------|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| 1.92     | 1.92     | -4.27    | -3.31    | -3.36    | -4.84    |



**Summary**

| Mode                           | PD<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) |
|--------------------------------|-----------------|----------------------|
| 5.925-6.425GHz                 | -               | -                    |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | 0.52            | 6.52                 |
| 6.525-6.875GHz                 | -               | -                    |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | 0.79            | 6.79                 |

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

**Result**

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) | EIRP PD Limit<br>(dBm/RBW) |
|--------------------------------|--------|-------------|---------------------|-----------------|-----------------------|----------------------|----------------------------|
| 802.11ax HEW20_Nss1,(MCS0)_1TX | -      | -           | -                   | -               | -                     | -                    | -                          |
| 5955MHz                        | Pass   | 6.00        | 0.52                | 0.52            | Inf                   | 6.52                 | 23.00                      |
| 6195MHz                        | Pass   | 6.00        | 0.46                | 0.46            | Inf                   | 6.46                 | 23.00                      |
| 6415MHz                        | Pass   | 6.00        | 0.06                | 0.06            | Inf                   | 6.06                 | 23.00                      |
| 6535MHz                        | Pass   | 6.00        | 0.79                | 0.79            | Inf                   | 6.79                 | 23.00                      |
| 6695MHz                        | Pass   | 6.00        | 0.45                | 0.45            | Inf                   | 6.45                 | 23.00                      |
| 6855MHz                        | Pass   | 6.00        | 0.00                | 0.00            | Inf                   | 6.00                 | 23.00                      |

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.

5.925-6.425GHz\_802.11ax\_HEW20\_Nss1,(MCS0)\_1TX

PSD

5955MHz

19/06/2025

CF (Hz)  
5.955G

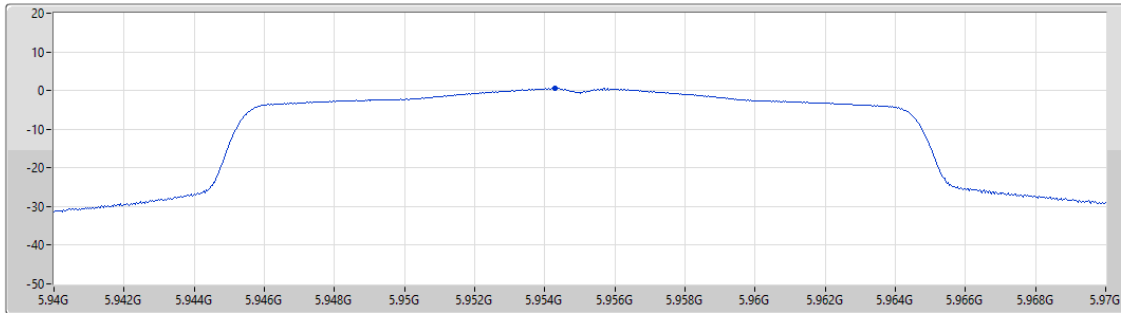
Span (Hz)  
30M

RBW (Hz)  
1M

VBW (Hz)  
3M

Sweep Time (s)  
54.673

Detector Type  
RMS



Port 1

| Sum       | PD        | Port 1    |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 0.52      | 0.52      | 0.52      |

6.525-6.875GHz\_802.11ax\_HEW20\_Nss1,(MCS0)\_1TX

PSD

6535MHz

19/06/2025

CF (Hz)  
6.535G

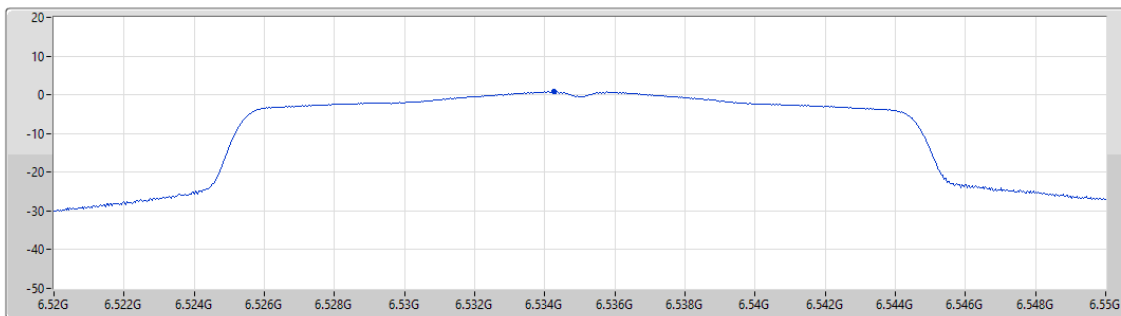
Span (Hz)  
30M

RBW (Hz)  
1M

VBW (Hz)  
3M

Sweep Time (s)  
54.673

Detector Type  
RMS



Port 1

| Sum       | PD        | Port 1    |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 0.79      | 0.79      | 0.79      |



**Summary**

| Mode                           | PD<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) |
|--------------------------------|-----------------|----------------------|
| 5.925-6.425GHz                 | -               | -                    |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | 0.52            | 4.52                 |
| 6.525-6.875GHz                 | -               | -                    |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | 0.79            | 4.79                 |

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

**Result**

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) | EIRP PD<br>(dBm/RBW) | EIRP PD Limit<br>(dBm/RBW) |
|--------------------------------|--------|-------------|---------------------|-----------------|-----------------------|----------------------|----------------------------|
| 802.11ax HEW20_Nss1,(MCS0)_1TX | -      | -           | -                   | -               | -                     | -                    | -                          |
| 5955MHz                        | Pass   | 4.00        | 0.52                | 0.52            | Inf                   | 4.52                 | 23.00                      |
| 6195MHz                        | Pass   | 4.00        | 0.46                | 0.46            | Inf                   | 4.46                 | 23.00                      |
| 6415MHz                        | Pass   | 4.00        | 0.06                | 0.06            | Inf                   | 4.06                 | 23.00                      |
| 6535MHz                        | Pass   | 4.00        | 0.79                | 0.79            | Inf                   | 4.79                 | 23.00                      |
| 6695MHz                        | Pass   | 4.00        | 0.45                | 0.45            | Inf                   | 4.45                 | 23.00                      |
| 6855MHz                        | Pass   | 4.00        | 0.00                | 0.00            | Inf                   | 4.00                 | 23.00                      |

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.

5.925-6.425GHz\_802.11ax\_HEW20\_Nss1,(MCS0)\_1TX

PSD

5955MHz

19/06/2025

CF (Hz)  
5.955G

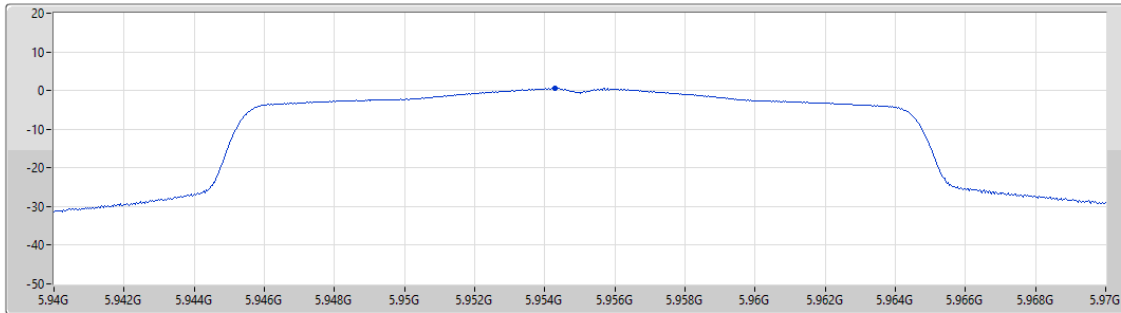
Span (Hz)  
30M

RBW (Hz)  
1M

VBW (Hz)  
3M

Sweep Time (s)  
54.673

Detector Type  
RMS



Port 1

| Sum       | PD        | Port 1    |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 0.52      | 0.52      | 0.52      |

6.525-6.875GHz\_802.11ax\_HEW20\_Nss1,(MCS0)\_1TX

PSD

6535MHz

19/06/2025

CF (Hz)  
6.535G

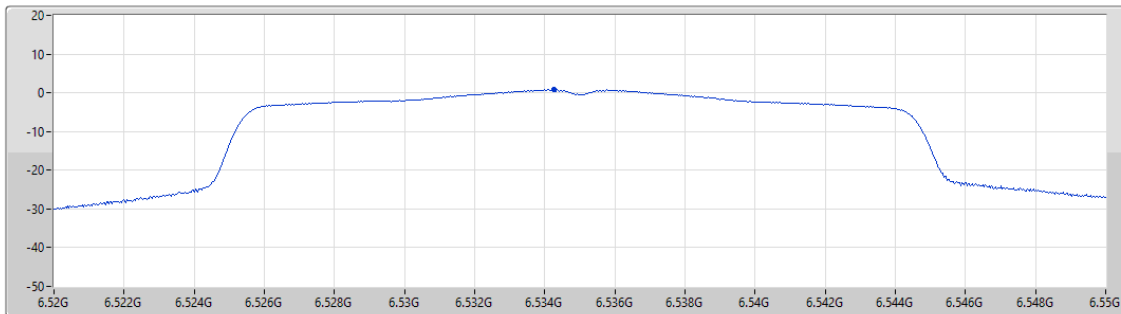
Span (Hz)  
30M

RBW (Hz)  
1M

VBW (Hz)  
3M

Sweep Time (s)  
54.673

Detector Type  
RMS



Port 1

| Sum       | PD        | Port 1    |
|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 0.79      | 0.79      | 0.79      |



**Mask\_Non-Beamforming\_  
Radio 3\_Directional Patch\_1T1S\_Full RU**

**Appendix E.1**

**Summary**

| Mode                                   | Result | Ref<br>(Hz) | Ref<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Port |
|----------------------------------------|--------|-------------|--------------|--------------|----------------|----------------|----------------|------|
| 5.925-6.425GHz                         | -      | -           | -            | -            | -              | -              | -              | -    |
| 802.11be EHT20_Nss1,(MCS0)_1TX(Port3)  | Pass   | 5.946277G   | 1.38         | 5.989875G    | -45.80         | -38.51         | -7.29          | 3    |
| 802.11be EHT40_Nss1,(MCS0)_1TX(Port3)  | Pass   | 5.974048G   | 2.28         | 6.02965G     | -43.94         | -37.72         | -6.22          | 3    |
| 802.11be EHT80_Nss1,(MCS0)_1TX(Port3)  | Pass   | 6.01769G    | 2.18         | 6.078G       | -32.50         | -27.31         | -5.19          | 3    |
| 802.11be EHT160_Nss1,(MCS0)_1TX(Port3) | Pass   | 6.09258G    | -5.91        | 6.2804G      | -51.72         | -45.81         | -5.91          | 3    |
| 6.525-6.875GHz                         | -      | -           | -            | -            | -              | -              | -              | -    |
| 802.11be EHT20_Nss1,(MCS0)_1TX(Port3)  | Pass   | 6.846377G   | 1.58         | 6.8664G      | -27.60         | -18.42         | -9.18          | 3    |
| 802.11be EHT40_Nss1,(MCS0)_1TX(Port3)  | Pass   | 6.681851G   | -6.86        | 6.6629G      | -37.67         | -26.90         | -10.77         | 3    |
| 802.11be EHT80_Nss1,(MCS0)_1TX(Port3)  | Pass   | 6.72699G    | -7.04        | 6.7485G      | -34.94         | -27.07         | -7.87          | 3    |
| 802.11be EHT160_Nss1,(MCS0)_1TX(Port3) | Pass   | 6.73838G    | -6.93        | 6.9258G      | -56.50         | -46.93         | -9.57          | 3    |



**Mask\_Non-Beamforming\_  
Radio 3\_Directional Patch\_1T1S\_Full RU**

**Appendix E.1**

**Result**

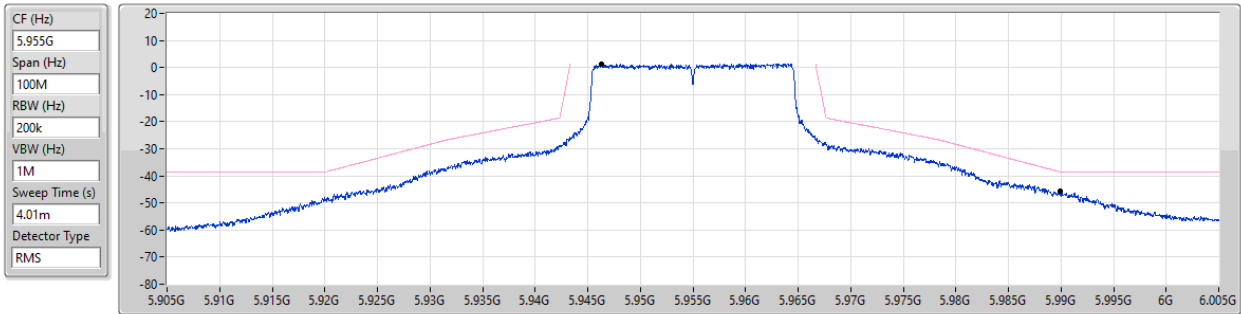
| Mode                                   | Result | Ref<br>(Hz) | Ref<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Port |
|----------------------------------------|--------|-------------|--------------|--------------|----------------|----------------|----------------|------|
| 802.11be EHT20_Nss1,(MCS0)_1TX(Port3)  | -      | -           | -            | -            | -              | -              | -              | -    |
| 5955MHz                                | Pass   | 5.946277G   | 1.38         | 5.989875G    | -45.80         | -38.51         | -7.29          | 3    |
| 6195MHz                                | Pass   | 6.186852G   | 2.25         | 6.16185G     | -45.59         | -37.75         | -7.84          | 3    |
| 6415MHz                                | Pass   | 6.408402G   | 0.70         | 6.426875G    | -31.27         | -19.38         | -11.89         | 3    |
| 6535MHz                                | Pass   | 6.525827G   | 1.42         | 6.546825G    | -30.65         | -18.69         | -11.96         | 3    |
| 6695MHz                                | Pass   | 6.702098G   | 1.19         | 6.6831G      | -30.98         | -18.82         | -12.16         | 3    |
| 6855MHz                                | Pass   | 6.846377G   | 1.58         | 6.8664G      | -27.60         | -18.42         | -9.18          | 3    |
| 802.11be EHT40_Nss1,(MCS0)_1TX(Port3)  | -      | -           | -            | -            | -              | -              | -              | -    |
| 5965MHz                                | Pass   | 5.974048G   | 2.28         | 6.02965G     | -43.94         | -37.72         | -6.22          | 3    |
| 6205MHz                                | Pass   | 6.186455G   | -6.39        | 6.14115G     | -55.52         | -46.20         | -9.32          | 3    |
| 6405MHz                                | Pass   | 6.386755G   | -7.38        | 6.38195G     | -41.52         | -27.44         | -14.08         | 3    |
| 6565MHz                                | Pass   | 6.553403G   | -6.96        | 6.54245G     | -39.42         | -27.02         | -12.40         | 3    |
| 6685MHz                                | Pass   | 6.681851G   | -6.86        | 6.6629G      | -37.67         | -26.90         | -10.77         | 3    |
| 6845MHz                                | Pass   | 6.8468G     | -6.87        | 6.86745G     | -38.45         | -26.87         | -11.58         | 3    |
| 802.11be EHT80_Nss1,(MCS0)_1TX(Port3)  | -      | -           | -            | -            | -              | -              | -              | -    |
| 5985MHz                                | Pass   | 6.01769G    | 2.18         | 6.078G       | -32.50         | -27.31         | -5.19          | 3    |
| 6225MHz                                | Pass   | 6.2347G     | -7.01        | 6.2689G      | -34.17         | -27.03         | -7.14          | 3    |
| 6385MHz                                | Pass   | 6.374G      | -7.42        | 6.3415G      | -34.94         | -27.45         | -7.49          | 3    |
| 6625MHz                                | Pass   | 6.6335G     | -7.14        | 6.6698G      | -36.84         | -27.21         | -9.63          | 3    |
| 6705MHz                                | Pass   | 6.72699G    | -7.04        | 6.7485G      | -34.94         | -27.07         | -7.87          | 3    |
| 6785MHz                                | Pass   | 6.7907G     | -6.61        | 6.74G        | -36.07         | -26.61         | -9.46          | 3    |
| 802.11be EHT160_Nss1,(MCS0)_1TX(Port3) | -      | -           | -            | -            | -              | -              | -              | -    |
| 6025MHz                                | Pass   | 6.09258G    | -5.91        | 6.2804G      | -51.72         | -45.81         | -5.91          | 3    |
| 6185MHz                                | Pass   | 6.1668G     | -6.65        | 6.4388G      | -52.55         | -46.42         | -6.13          | 3    |
| 6345MHz                                | Pass   | 6.27302G    | -7.49        | 6.0892G      | -58.39         | -47.49         | -10.90         | 3    |
| 6665MHz                                | Pass   | 6.73838G    | -6.93        | 6.9258G      | -56.50         | -46.93         | -9.57          | 3    |

5.925-6.425GHz\_802.11be EHT20\_Nss1,(MCS0)\_1TX(Port3)

**MASK**

5955MHz\_TX

19/06/2025



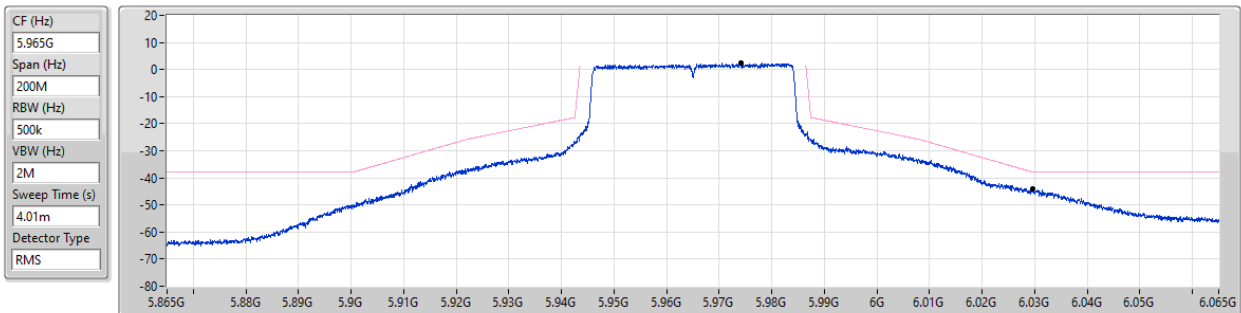
| Ref(Hz)   | Ref(dBm) | Freq(Hz)  | Level(dBm) | Limit(dBm) | Margin(dB) | Port |
|-----------|----------|-----------|------------|------------|------------|------|
| 5.946277G | 1.38     | 5.989875G | -45.80     | -38.51     | -7.29      | 3    |

5.925-6.425GHz\_802.11be EHT40\_Nss1,(MCS0)\_1TX(Port3)

**MASK**

5965MHz\_TX

19/06/2025



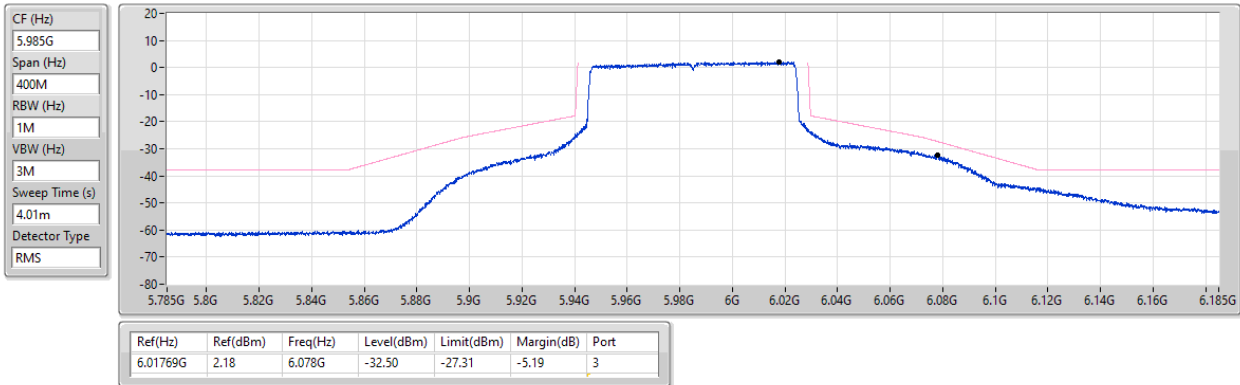
| Ref(Hz)   | Ref(dBm) | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port |
|-----------|----------|----------|------------|------------|------------|------|
| 5.974048G | 2.28     | 6.02965G | -43.94     | -37.72     | -6.22      | 3    |

5.925-6.425GHz\_802.11be EHT80\_Nss1,(MCS0)\_1TX(Port3)

**MASK**

**5985MHz\_TX**

19/06/2025

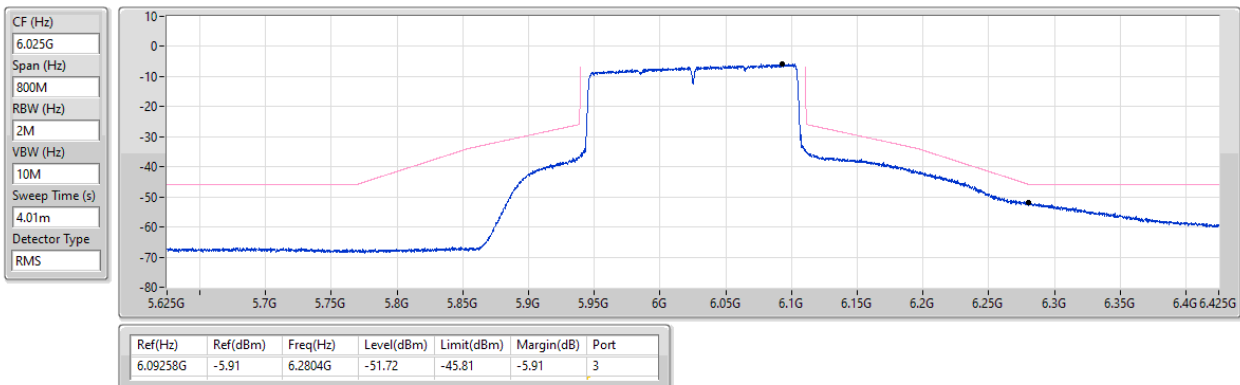


5.925-6.425GHz\_802.11be EHT160\_Nss1,(MCS0)\_1TX(Port3)

**MASK**

**6025MHz\_TX**

19/06/2025



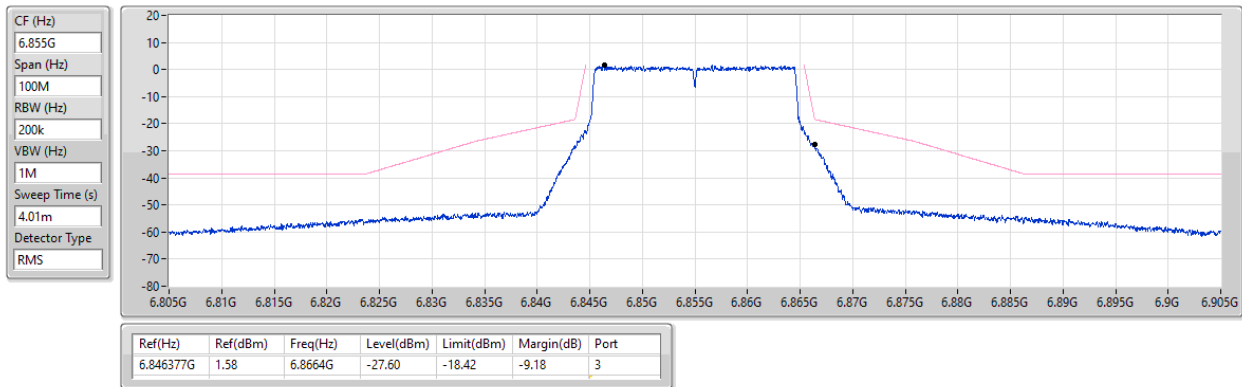


6.525-6.875GHz\_802.11be EHT20\_Nss1,(MCS0)\_1TX(Port3)

MASK

6855MHz\_TX

19/06/2025

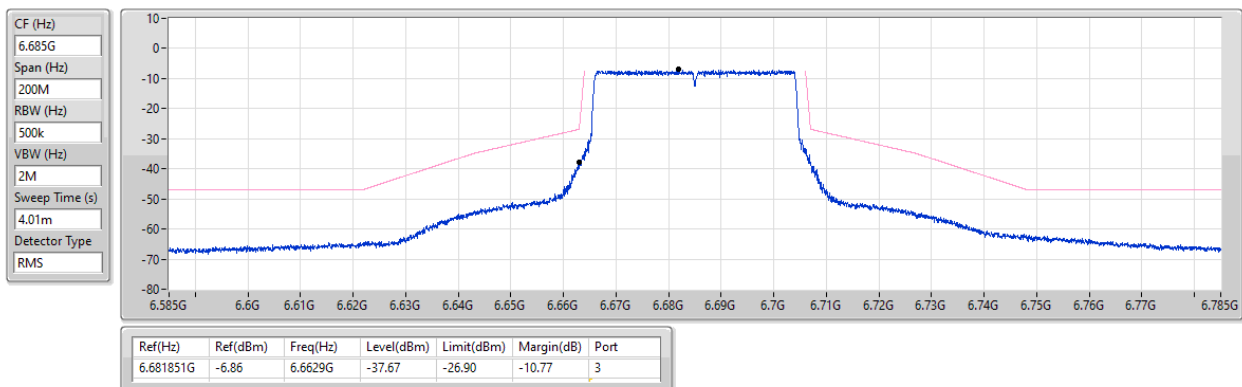


6.525-6.875GHz\_802.11be EHT40\_Nss1,(MCS0)\_1TX(Port3)

MASK

6685MHz\_TX

19/06/2025



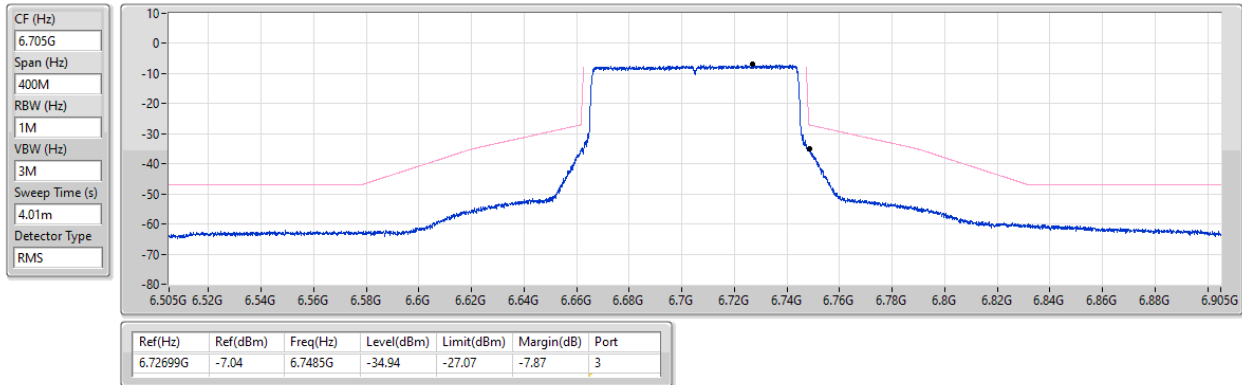


6.525-6.875GHz\_802.11be EHT80\_Nss1,(MCS0)\_1TX(Port3)

MASK

6705MHz\_TX

19/06/2025

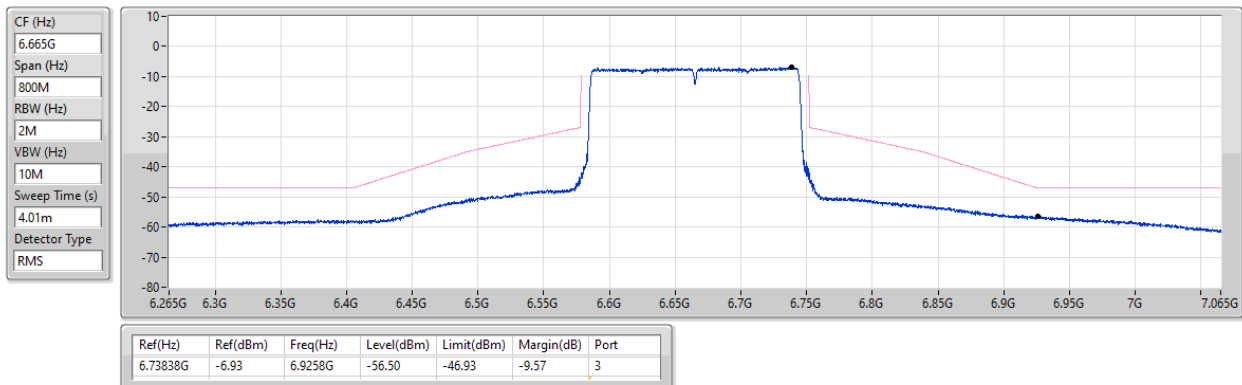


6.525-6.875GHz\_802.11be EHT160\_Nss1,(MCS0)\_1TX(Port3)

MASK

6665MHz\_TX

19/06/2025





**Mask\_Non-Beamforming\_  
Radio 3\_Directional Patch\_2T1S\_Full RU**

**Appendix E.2**

**Summary**

| Mode                                         | Result | Ref<br>(Hz) | Ref<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Port |
|----------------------------------------------|--------|-------------|--------------|--------------|----------------|----------------|----------------|------|
| 5.925-6.425GHz                               | -      | -           | -            | -            | -              | -              | -              | -    |
| 802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)  | Pass   | 5.961248G   | 1.82         | 5.988275G    | -43.69         | -37.59         | -6.10          | 3    |
| 802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)  | Pass   | 5.982546G   | 1.82         | 6.0279G      | -45.83         | -38.11         | -7.72          | 3    |
| 802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)  | Pass   | 6.01659G    | 1.05         | 6.0299G      | -25.93         | -18.99         | -6.94          | 3    |
| 802.11be EHT160_Nss1,(MCS0)_2TX(Port2&Port3) | Pass   | 6.1704G     | 2.74         | 6.4404G      | -43.28         | -37.26         | -6.02          | 3    |
| 6.525-6.875GHz                               | -      | -           | -            | -            | -              | -              | -              | -    |
| 802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)  | Pass   | 6.704273G   | 0.97         | 6.7067G      | -30.00         | -19.05         | -10.95         | 2    |
| 802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)  | Pass   | 6.848949G   | 2.72         | 6.8674G      | -29.17         | -17.28         | -11.89         | 3    |
| 802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)  | Pass   | 6.72589G    | 2.44         | 6.7481G      | -25.01         | -17.58         | -7.43          | 3    |
| 802.11be EHT160_Nss1,(MCS0)_2TX(Port2&Port3) | Pass   | 6.59502G    | 1.94         | 6.9266G      | -47.29         | -38.06         | -9.23          | 2    |



**Mask\_Non-Beamforming\_  
Radio\_3\_Directional Patch\_2T1S\_Full RU**

**Appendix E.2**

**Result**

| Mode                                         | Result | Ref<br>(Hz) | Ref<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Port |
|----------------------------------------------|--------|-------------|--------------|--------------|----------------|----------------|----------------|------|
| 802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)  | -      | -           | -            | -            | -              | -              | -              | -    |
| 5955MHz                                      | Pass   | 5.959999G   | 1.75         | 5.9873G      | -45.67         | -37.49         | -8.18          | 2    |
| 5955MHz                                      | Pass   | 5.961248G   | 1.82         | 5.988275G    | -43.69         | -37.59         | -6.10          | 3    |
| 6195MHz                                      | Pass   | 6.190751G   | 2.16         | 6.2297G      | -47.09         | -37.84         | -9.25          | 2    |
| 6195MHz                                      | Pass   | 6.203323G   | 2.06         | 6.1627G      | -44.39         | -37.26         | -7.13          | 3    |
| 6415MHz                                      | Pass   | 6.407552G   | 0.92         | 6.427075G    | -32.56         | -18.98         | -13.58         | 2    |
| 6415MHz                                      | Pass   | 6.407002G   | 1.18         | 6.426625G    | -29.21         | -18.42         | -10.79         | 3    |
| 6535MHz                                      | Pass   | 6.528852G   | 1.44         | 6.547225G    | -33.40         | -17.56         | -15.84         | 2    |
| 6535MHz                                      | Pass   | 6.539249G   | 1.27         | 6.547075G    | -32.52         | -18.63         | -13.89         | 3    |
| 6695MHz                                      | Pass   | 6.704273G   | 0.97         | 6.7067G      | -30.00         | -19.05         | -10.95         | 2    |
| 6695MHz                                      | Pass   | 6.701023G   | 1.56         | 6.7072G      | -31.83         | -18.44         | -13.39         | 3    |
| 6855MHz                                      | Pass   | 6.862373G   | 1.40         | 6.8426G      | -34.17         | -18.61         | -15.56         | 2    |
| 6855MHz                                      | Pass   | 6.860824G   | 1.72         | 6.84305G     | -30.39         | -17.28         | -13.11         | 3    |
| 802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)  | -      | -           | -            | -            | -              | -              | -              | -    |
| 5965MHz                                      | Pass   | 5.982646G   | 1.73         | 5.9423G      | -30.31         | -18.32         | -11.99         | 2    |
| 5965MHz                                      | Pass   | 5.982546G   | 1.82         | 6.0279G      | -45.83         | -38.11         | -7.72          | 3    |
| 6205MHz                                      | Pass   | 6.187754G   | 3.05         | 6.26875G     | -45.12         | -36.89         | -8.23          | 2    |
| 6205MHz                                      | Pass   | 6.189554G   | 3.17         | 6.2691G      | -45.26         | -36.78         | -8.48          | 3    |
| 6405MHz                                      | Pass   | 6.395402G   | 1.78         | 6.42815G     | -31.84         | -18.26         | -13.58         | 2    |
| 6405MHz                                      | Pass   | 6.40555G    | 2.23         | 6.38225G     | -30.91         | -17.84         | -13.07         | 3    |
| 6565MHz                                      | Pass   | 6.546505G   | 2.08         | 6.54235G     | -29.82         | -17.52         | -12.30         | 2    |
| 6565MHz                                      | Pass   | 6.546705G   | 2.37         | 6.542G       | -31.71         | -17.63         | -14.08         | 3    |
| 6685MHz                                      | Pass   | 6.700696G   | 1.94         | 6.7079G      | -31.95         | -18.11         | -13.84         | 2    |
| 6685MHz                                      | Pass   | 6.690549G   | 2.37         | 6.70825G     | -31.96         | -17.64         | -14.32         | 3    |
| 6845MHz                                      | Pass   | 6.839851G   | 2.05         | 6.82205G     | -31.11         | -17.99         | -13.12         | 2    |
| 6845MHz                                      | Pass   | 6.848949G   | 2.72         | 6.8674G      | -29.17         | -17.28         | -11.89         | 3    |
| 802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)  | -      | -           | -            | -            | -              | -              | -              | -    |
| 5985MHz                                      | Pass   | 6.01019G    | 1.09         | 6.0295G      | -27.92         | -19.00         | -8.92          | 2    |
| 5985MHz                                      | Pass   | 6.01659G    | 1.05         | 6.0299G      | -25.93         | -18.99         | -6.94          | 3    |
| 6225MHz                                      | Pass   | 6.19901G    | 2.74         | 6.092G       | -45.84         | -37.26         | -8.58          | 2    |
| 6225MHz                                      | Pass   | 6.2101G     | 2.24         | 6.3595G      | -46.73         | -37.72         | -9.01          | 3    |
| 6385MHz                                      | Pass   | 6.34971G    | 2.03         | 6.3388G      | -30.13         | -17.77         | -12.36         | 2    |
| 6385MHz                                      | Pass   | 6.35101G    | 1.98         | 6.4297G      | -27.50         | -18.07         | -9.43          | 3    |
| 6625MHz                                      | Pass   | 6.59721G    | 1.62         | 6.5803G      | -27.67         | -18.41         | -9.26          | 2    |
| 6625MHz                                      | Pass   | 6.6142G     | 2.32         | 6.6686G      | -25.83         | -17.69         | -8.14          | 3    |
| 6705MHz                                      | Pass   | 6.72G       | 1.50         | 6.7504G      | -28.38         | -18.53         | -9.85          | 2    |
| 6705MHz                                      | Pass   | 6.72589G    | 2.44         | 6.7481G      | -25.01         | -17.58         | -7.43          | 3    |
| 6785MHz                                      | Pass   | 6.81809G    | 1.52         | 6.8308G      | -29.26         | -18.49         | -10.77         | 2    |
| 6785MHz                                      | Pass   | 6.82189G    | 2.74         | 6.8302G      | -27.48         | -17.28         | -10.20         | 3    |
| 802.11be EHT160_Nss1,(MCS0)_2TX(Port2&Port3) | -      | -           | -            | -            | -              | -              | -              | -    |
| 6025MHz                                      | Pass   | 6.09418G    | 2.14         | 6.283G       | -48.17         | -37.86         | -10.31         | 2    |
| 6025MHz                                      | Pass   | 6.09398G    | 2.10         | 6.2804G      | -45.26         | -37.90         | -7.36          | 3    |
| 6185MHz                                      | Pass   | 6.193G      | 2.81         | 6.4438G      | -43.56         | -37.11         | -6.45          | 2    |
| 6185MHz                                      | Pass   | 6.1704G     | 2.74         | 6.4404G      | -43.28         | -37.26         | -6.02          | 3    |
| 6345MHz                                      | Pass   | 6.27702G    | 2.87         | 6.092G       | -45.60         | -37.13         | -8.47          | 2    |
| 6345MHz                                      | Pass   | 6.3598G     | 1.74         | 6.0662G      | -48.86         | -38.26         | -10.60         | 3    |
| 6665MHz                                      | Pass   | 6.59502G    | 1.94         | 6.9266G      | -47.29         | -38.06         | -9.23          | 2    |
| 6665MHz                                      | Pass   | 6.73658G    | 2.70         | 6.9186G      | -46.93         | -37.30         | -9.63          | 3    |

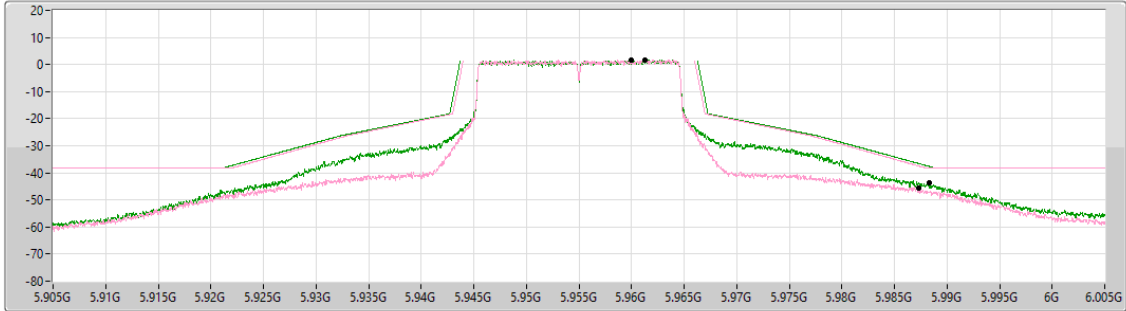
5.925-6.425GHz\_802.11be EHT20\_Nss1,(MCS0)\_2TX(Port2&Port3)

**MASK**

5955MHz\_TX

18/06/2025

CF (Hz)  
5.955G  
Span (Hz)  
100M  
RBW (Hz)  
200k  
VBW (Hz)  
1M  
Sweep Time (s)  
4.01m  
Detector Type  
RMS



| Ref(Hz)   | Ref(dBm) | Freq(Hz)  | Level(dBm) | Limit(dBm) | Margin(dB) | Port |
|-----------|----------|-----------|------------|------------|------------|------|
| 5.959999G | 1.75     | 5.9873G   | -45.67     | -37.49     | -8.18      | 2    |
| 5.961248G | 1.82     | 5.988275G | -43.69     | -37.59     | -6.10      | 3    |

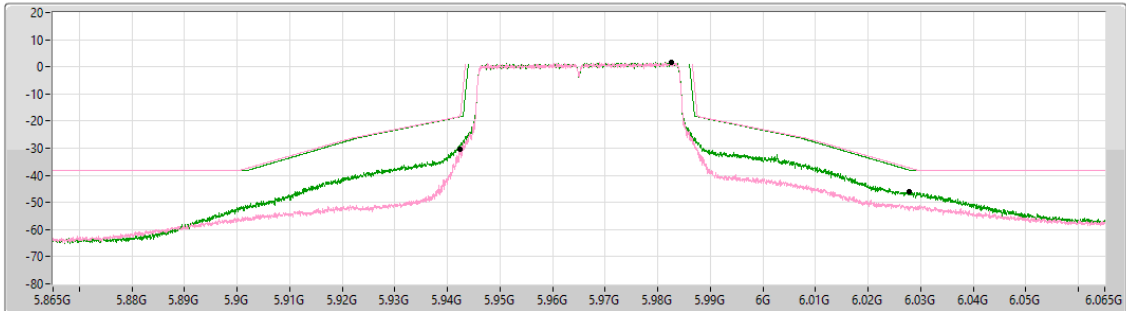
5.925-6.425GHz\_802.11be EHT40\_Nss1,(MCS0)\_2TX(Port2&Port3)

**MASK**

5965MHz\_TX

19/06/2025

CF (Hz)  
5.965G  
Span (Hz)  
200M  
RBW (Hz)  
500k  
VBW (Hz)  
2M  
Sweep Time (s)  
4.01m  
Detector Type  
RMS



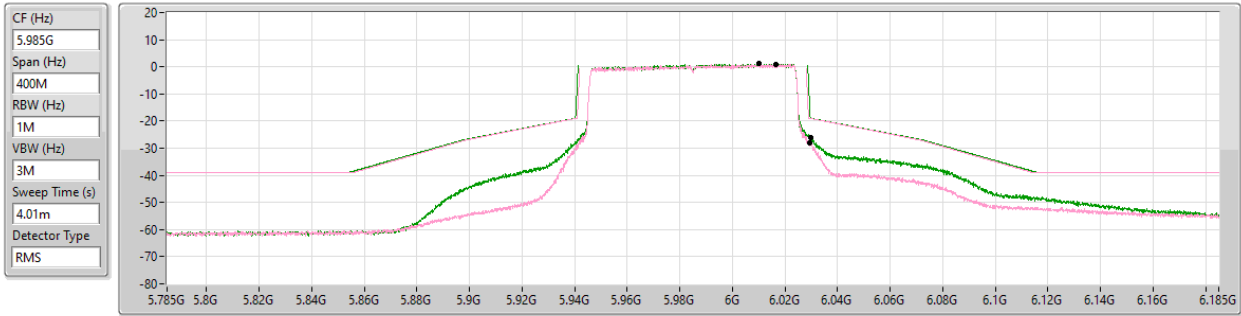
| Ref(Hz)   | Ref(dBm) | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port |
|-----------|----------|----------|------------|------------|------------|------|
| 5.982646G | 1.73     | 5.9423G  | -30.31     | -18.32     | -11.99     | 2    |
| 5.982546G | 1.82     | 6.0279G  | -45.83     | -38.11     | -7.72      | 3    |

5.925-6.425GHz\_802.11be EHT80\_Nss1,(MCS0)\_2TX(Port2&Port3)

**MASK**

5985MHz\_TX

19/06/2025



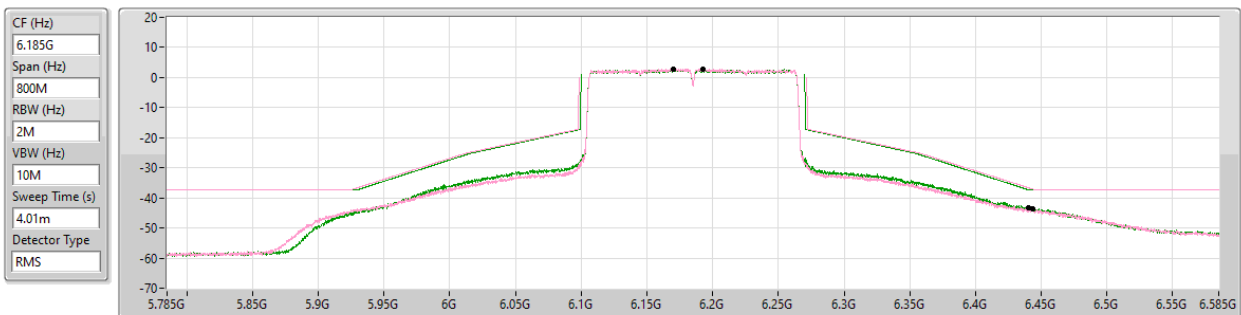
| Ref(Hz)  | Ref(dBm) | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port |
|----------|----------|----------|------------|------------|------------|------|
| 6.01019G | 1.09     | 6.0295G  | -27.92     | -19.00     | -8.92      | 2    |
| 6.01659G | 1.05     | 6.0299G  | -25.93     | -18.99     | -6.94      | 3    |

5.925-6.425GHz\_802.11be EHT160\_Nss1,(MCS0)\_2TX(Port2&Port3)

**MASK**

6185MHz\_TX

18/06/2025



| Ref(Hz) | Ref(dBm) | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port |
|---------|----------|----------|------------|------------|------------|------|
| 6.193G  | 2.81     | 6.4438G  | -43.56     | -37.11     | -6.45      | 2    |
| 6.1704G | 2.74     | 6.4404G  | -43.28     | -37.26     | -6.02      | 3    |

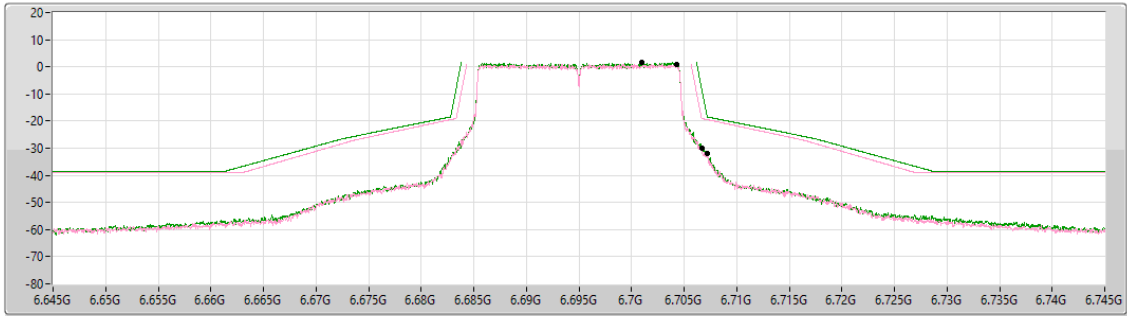
6.525-6.875GHz\_802.11be EHT20\_Nss1,(MCS0)\_2TX(Port2&Port3)

MASK

6695MHz\_TX

18/06/2025

CF (Hz)  
6.695G  
Span (Hz)  
100M  
RBW (Hz)  
200k  
VBW (Hz)  
1M  
Sweep Time (s)  
4.01m  
Detector Type  
RMS



| Ref(Hz)   | Ref(dBm) | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port |
|-----------|----------|----------|------------|------------|------------|------|
| 6.704273G | 0.97     | 6.7067G  | -30.00     | -19.05     | -10.95     | 2    |
| 6.701023G | 1.56     | 6.7072G  | -31.83     | -18.44     | -13.39     | 3    |

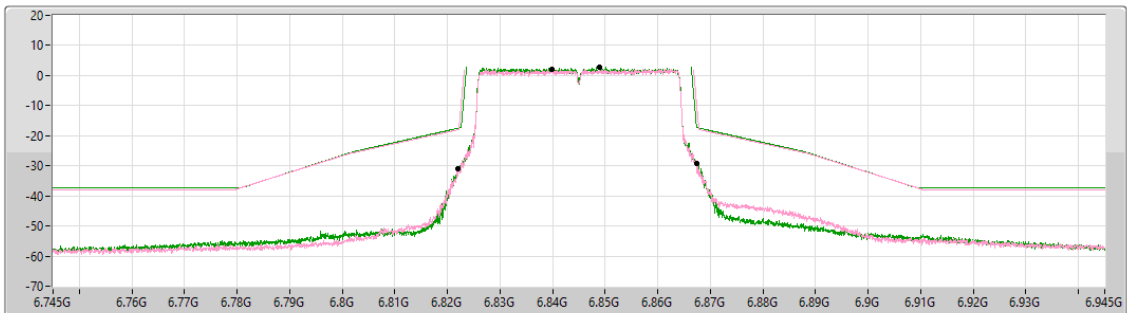
6.525-6.875GHz\_802.11be EHT40\_Nss1,(MCS0)\_2TX(Port2&Port3)

MASK

6845MHz\_TX

18/06/2025

CF (Hz)  
6.845G  
Span (Hz)  
200M  
RBW (Hz)  
500k  
VBW (Hz)  
2M  
Sweep Time (s)  
4.01m  
Detector Type  
RMS



| Ref(Hz)   | Ref(dBm) | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port |
|-----------|----------|----------|------------|------------|------------|------|
| 6.839851G | 2.05     | 6.82205G | -31.11     | -17.99     | -13.12     | 2    |
| 6.848949G | 2.72     | 6.8674G  | -29.17     | -17.28     | -11.89     | 3    |

6.525-6.875GHz\_802.11be EHT80\_Nss1,(MCS0)\_2TX(Port2&Port3)

MASK

6705MHz\_TX

18/06/2025

CF (Hz)  
6.705G

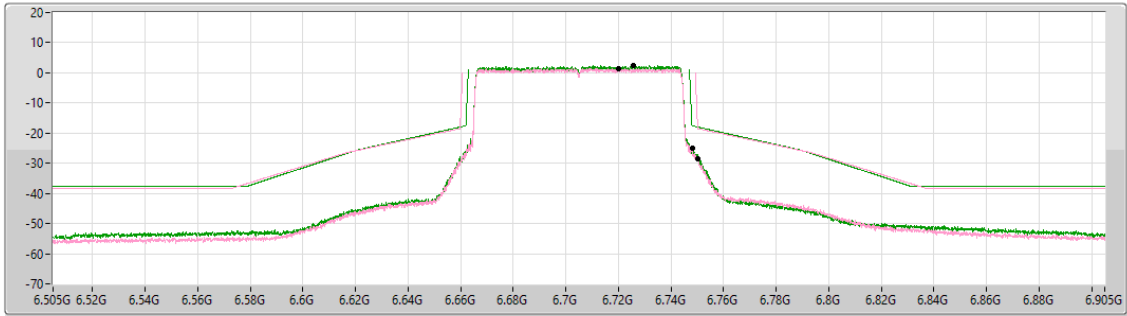
Span (Hz)  
400M

RBW (Hz)  
1M

VBW (Hz)  
3M

Sweep Time (s)  
4.01m

Detector Type  
RMS



| Ref(Hz)  | Ref(dBm) | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port |
|----------|----------|----------|------------|------------|------------|------|
| 6.72G    | 1.50     | 6.7504G  | -28.38     | -18.53     | -9.85      | 2    |
| 6.72589G | 2.44     | 6.7481G  | -25.01     | -17.58     | -7.43      | 3    |

Port 2 

Port 3 

6.525-6.875GHz\_802.11be EHT160\_Nss1,(MCS0)\_2TX(Port2&Port3)

MASK

6665MHz\_TX

18/06/2025

CF (Hz)  
6.665G

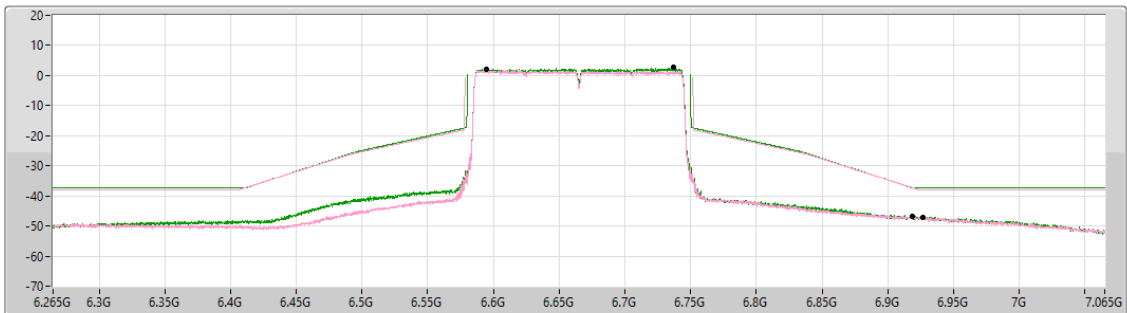
Span (Hz)  
800M

RBW (Hz)  
2M

VBW (Hz)  
10M

Sweep Time (s)  
4.01m

Detector Type  
RMS



| Ref(Hz)  | Ref(dBm) | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port |
|----------|----------|----------|------------|------------|------------|------|
| 6.59502G | 1.94     | 6.9266G  | -47.29     | -38.06     | -9.23      | 2    |
| 6.73658G | 2.70     | 6.9186G  | -46.93     | -37.30     | -9.63      | 3    |

Port 2 

Port 3 



**Mask\_Non-Beamforming\_  
Radio 3\_Directional Patch\_4T1S\_Full RU**

**Appendix E.3**

**Summary**

| Mode                            | Result | Ref<br>(Hz) | Ref<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Port |
|---------------------------------|--------|-------------|--------------|--------------|----------------|----------------|----------------|------|
| 5.925-6.425GHz                  | -      | -           | -            | -            | -              | -              | -              | -    |
| 802.11be EHT20_Nss1,(MCS0)_4TX  | Pass   | 5.963423G   | -1.00        | 5.966475G    | -29.98         | -21.00         | -8.98          | 1    |
| 802.11be EHT40_Nss1,(MCS0)_4TX  | Pass   | 6.194753G   | 3.05         | 6.13905G     | -44.70         | -36.95         | -7.75          | 3    |
| 802.11be EHT80_Nss1,(MCS0)_4TX  | Pass   | 6.01429G    | 0.49         | 6.0278G      | -25.52         | -19.51         | -6.01          | 3    |
| 802.11be EHT160_Nss1,(MCS0)_4TX | Pass   | 6.27762G    | 2.38         | 6.6032G      | -41.66         | -37.55         | -4.11          | 4    |
| 6.525-6.875GHz                  | -      | -           | -            | -            | -              | -              | -              | -    |
| 802.11be EHT20_Nss1,(MCS0)_4TX  | Pass   | 6.863098G   | 0.34         | 6.843375G    | -29.94         | -19.26         | -10.68         | 2    |
| 802.11be EHT40_Nss1,(MCS0)_4TX  | Pass   | 6.830804G   | 2.78         | 6.90855G     | -46.01         | -37.22         | -8.79          | 4    |
| 802.11be EHT80_Nss1,(MCS0)_4TX  | Pass   | 6.65389G    | 2.82         | 6.7578G      | -44.23         | -37.18         | -7.05          | 4    |
| 802.11be EHT160_Nss1,(MCS0)_4TX | Pass   | 6.6526G     | 2.93         | 6.9194G      | -41.87         | -37.02         | -4.85          | 4    |



# Mask\_Non-Beamforming\_ Radio\_3\_Directional Patch\_4T1S\_Full RU

## Appendix E.3

### Result

| Mode                           | Result | Ref<br>(Hz) | Ref<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Port |
|--------------------------------|--------|-------------|--------------|--------------|----------------|----------------|----------------|------|
| 802.11be EHT20_Nss1,(MCS0)_4TX | -      | -           | -            | -            | -              | -              | -              | -    |
| 5955MHz                        | Pass   | 5.963423G   | -1.00        | 5.966475G    | -29.98         | -21.00         | -8.98          | 1    |
| 5955MHz                        | Pass   | 5.963898G   | 0.32         | 5.9669G      | -32.34         | -19.28         | -13.06         | 2    |
| 5955MHz                        | Pass   | 5.961073G   | 0.37         | 5.98805G     | -49.73         | -39.63         | -10.10         | 3    |
| 5955MHz                        | Pass   | 5.963773G   | -0.65        | 5.96685G     | -32.68         | -20.69         | -11.99         | 4    |
| 6195MHz                        | Pass   | 6.198749G   | -0.03        | 6.183275G    | -31.23         | -20.03         | -11.20         | 1    |
| 6195MHz                        | Pass   | 6.197824G   | 0.26         | 6.20705G     | -32.93         | -19.80         | -13.13         | 2    |
| 6195MHz                        | Pass   | 6.187102G   | 0.02         | 6.2068G      | -31.07         | -20.02         | -11.05         | 3    |
| 6195MHz                        | Pass   | 6.202698G   | 0.52         | 6.206575G    | -30.09         | -19.18         | -10.91         | 4    |
| 6415MHz                        | Pass   | 6.419849G   | 0.46         | 6.427025G    | -32.53         | -19.58         | -12.95         | 1    |
| 6415MHz                        | Pass   | 6.407952G   | -0.00        | 6.402825G    | -33.82         | -20.05         | -13.77         | 2    |
| 6415MHz                        | Pass   | 6.411201G   | 0.08         | 6.4032G      | -32.40         | -19.82         | -12.58         | 3    |
| 6415MHz                        | Pass   | 6.406652G   | -0.03        | 6.4029G      | -33.42         | -20.05         | -13.37         | 4    |
| 6535MHz                        | Pass   | 6.541623G   | 0.35         | 6.547G       | -32.70         | -19.71         | -12.99         | 1    |
| 6535MHz                        | Pass   | 6.542148G   | 0.12         | 6.522725G    | -34.13         | -19.99         | -14.14         | 2    |
| 6535MHz                        | Pass   | 6.537824G   | -0.24        | 6.547425G    | -36.49         | -20.27         | -16.22         | 3    |
| 6535MHz                        | Pass   | 6.543873G   | 0.85         | 6.523G       | -31.49         | -19.26         | -12.23         | 4    |
| 6695MHz                        | Pass   | 6.699999G   | -0.13        | 6.706975G    | -33.90         | -20.15         | -13.75         | 1    |
| 6695MHz                        | Pass   | 6.704023G   | -0.31        | 6.706925G    | -32.73         | -20.31         | -12.42         | 2    |
| 6695MHz                        | Pass   | 6.701423G   | 0.05         | 6.70675G     | -30.81         | -17.65         | -13.16         | 3    |
| 6695MHz                        | Pass   | 6.687252G   | 0.05         | 6.70685G     | -32.18         | -19.65         | -12.53         | 4    |
| 6855MHz                        | Pass   | 6.861423G   | -0.14        | 6.8671G      | -34.51         | -20.18         | -14.33         | 1    |
| 6855MHz                        | Pass   | 6.863098G   | 0.34         | 6.843375G    | -29.94         | -19.26         | -10.68         | 2    |
| 6855MHz                        | Pass   | 6.858674G   | 0.61         | 6.86675G     | -30.86         | -19.39         | -11.47         | 3    |
| 6855MHz                        | Pass   | 6.845652G   | 0.09         | 6.843G       | -33.39         | -19.91         | -13.48         | 4    |
| 802.11be EHT40_Nss1,(MCS0)_4TX | -      | -           | -            | -            | -              | -              | -              | -    |
| 5965MHz                        | Pass   | 5.975497G   | -0.20        | 5.9874G      | -29.98         | -20.31         | -9.67          | 1    |
| 5965MHz                        | Pass   | 5.983495G   | 0.80         | 5.9869G      | -29.08         | -19.20         | -9.88          | 2    |
| 5965MHz                        | Pass   | 5.967949G   | 1.02         | 5.94225G     | -30.09         | -19.01         | -11.08         | 3    |
| 5965MHz                        | Pass   | 5.979396G   | -0.60        | 5.9869G      | -29.60         | -20.62         | -8.98          | 4    |
| 6205MHz                        | Pass   | 6.186855G   | 2.70         | 6.2277G      | -29.55         | -17.40         | -12.15         | 1    |
| 6205MHz                        | Pass   | 6.187354G   | 3.39         | 6.13705G     | -45.33         | -36.61         | -8.72          | 2    |
| 6205MHz                        | Pass   | 6.194753G   | 3.05         | 6.13905G     | -44.70         | -36.95         | -7.75          | 3    |
| 6205MHz                        | Pass   | 6.220546G   | 2.89         | 6.2693G      | -46.58         | -36.63         | -9.95          | 4    |
| 6405MHz                        | Pass   | 6.421696G   | 2.22         | 6.4279G      | -29.28         | -17.87         | -11.41         | 1    |
| 6405MHz                        | Pass   | 6.395852G   | 2.16         | 6.42705G     | -28.08         | -17.54         | -10.54         | 2    |
| 6405MHz                        | Pass   | 6.420696G   | 1.95         | 6.42735G     | -28.40         | -18.10         | -10.30         | 3    |
| 6405MHz                        | Pass   | 6.410249G   | 2.34         | 6.42735G     | -29.43         | -17.69         | -11.74         | 4    |
| 6565MHz                        | Pass   | 6.546955G   | 2.93         | 6.54275G     | -27.67         | -17.08         | -10.59         | 1    |
| 6565MHz                        | Pass   | 6.554203G   | 2.31         | 6.54205G     | -29.65         | -17.97         | -11.68         | 2    |
| 6565MHz                        | Pass   | 6.547104G   | 3.06         | 6.58755G     | -28.73         | -16.98         | -11.75         | 3    |
| 6565MHz                        | Pass   | 6.567299G   | 3.25         | 6.6278G      | -45.74         | -36.34         | -9.40          | 4    |
| 6685MHz                        | Pass   | 6.687349G   | 2.68         | 6.7073G      | -28.20         | -17.39         | -10.81         | 1    |
| 6685MHz                        | Pass   | 6.692348G   | 1.92         | 6.70735G     | -29.51         | -18.11         | -11.40         | 2    |
| 6685MHz                        | Pass   | 6.690849G   | 2.70         | 6.7075G      | -28.35         | -17.36         | -10.99         | 3    |
| 6685MHz                        | Pass   | 6.667504G   | 2.64         | 6.61795G     | -47.96         | -37.36         | -10.60         | 4    |
| 6845MHz                        | Pass   | 6.848899G   | 2.14         | 6.86745G     | -30.10         | -17.86         | -12.24         | 1    |
| 6845MHz                        | Pass   | 6.862746G   | 2.52         | 6.86715G     | -27.99         | -17.49         | -10.50         | 2    |
| 6845MHz                        | Pass   | 6.847949G   | 3.05         | 6.86765G     | -29.48         | -16.96         | -12.52         | 3    |
| 6845MHz                        | Pass   | 6.830804G   | 2.78         | 6.90855G     | -46.01         | -37.22         | -8.79          | 4    |
| 802.11be EHT80_Nss1,(MCS0)_4TX | -      | -           | -            | -            | -              | -              | -              | -    |
| 5985MHz                        | Pass   | 6.02319G    | -0.42        | 6.0291G      | -29.08         | -20.44         | -8.64          | 1    |
| 5985MHz                        | Pass   | 6.01539G    | 0.42         | 6.0302G      | -29.31         | -19.18         | -10.13         | 2    |
| 5985MHz                        | Pass   | 6.01429G    | 0.49         | 6.0278G      | -25.52         | -19.51         | -6.01          | 3    |
| 5985MHz                        | Pass   | 6.01909G    | -0.73        | 6.0296G      | -30.44         | -20.76         | -9.68          | 4    |



**Mask\_Non-Beamforming\_  
Radio 3\_Directional Patch\_4T1S\_Full RU**

**Appendix E.3**

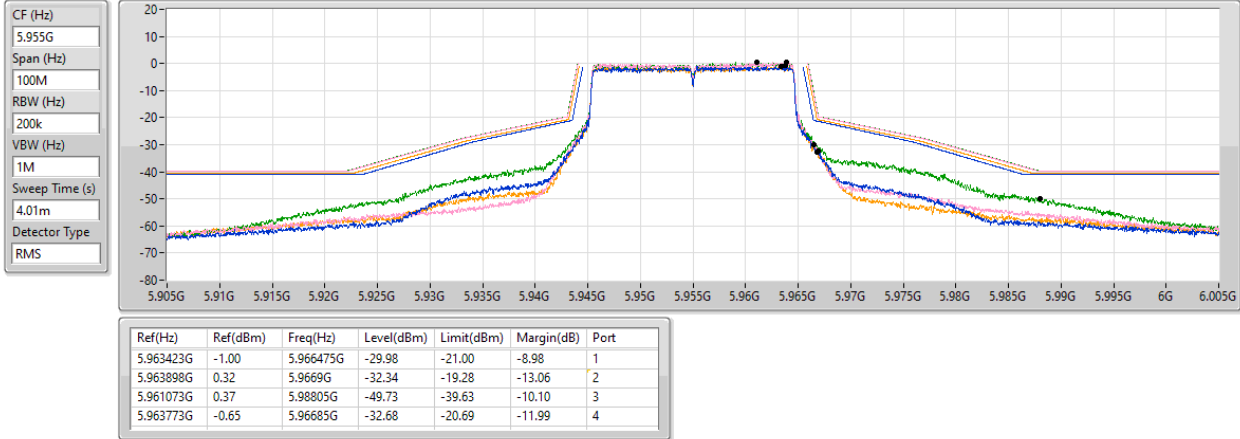
| Mode                            | Result | Ref<br>(Hz) | Ref<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Limit<br>(dBm) | Margin<br>(dB) | Port |
|---------------------------------|--------|-------------|--------------|--------------|----------------|----------------|----------------|------|
| 6225MHz                         | Pass   | 6.2065G     | 2.22         | 6.1808G      | -26.43         | -17.80         | -8.63          | 1    |
| 6225MHz                         | Pass   | 6.18751G    | 2.66         | 6.09G        | -45.98         | -37.34         | -8.64          | 2    |
| 6225MHz                         | Pass   | 6.2111G     | 2.59         | 6.1806G      | -24.93         | -17.46         | -7.47          | 3    |
| 6225MHz                         | Pass   | 6.2356G     | 2.50         | 6.0895G      | -47.35         | -37.50         | -9.85          | 4    |
| 6385MHz                         | Pass   | 6.366G      | 2.38         | 6.4288G      | -25.54         | -17.62         | -7.92          | 1    |
| 6385MHz                         | Pass   | 6.3799G     | 2.21         | 6.3388G      | -29.35         | -17.83         | -11.52         | 2    |
| 6385MHz                         | Pass   | 6.3819G     | 2.48         | 6.3388G      | -29.20         | -17.56         | -11.64         | 3    |
| 6385MHz                         | Pass   | 6.3738G     | 2.20         | 6.2523G      | -46.62         | -37.72         | -8.90          | 4    |
| 6625MHz                         | Pass   | 6.58901G    | 2.64         | 6.5812G      | -25.11         | -17.47         | -7.64          | 1    |
| 6625MHz                         | Pass   | 6.6102G     | 2.16         | 6.5811G      | -25.75         | -17.92         | -7.83          | 2    |
| 6625MHz                         | Pass   | 6.6326G     | 2.56         | 6.5807G      | -26.25         | -17.52         | -8.73          | 3    |
| 6625MHz                         | Pass   | 6.65389G    | 2.82         | 6.7578G      | -44.23         | -37.18         | -7.05          | 4    |
| 6705MHz                         | Pass   | 6.71G       | 2.41         | 6.7503G      | -26.89         | -17.73         | -9.16          | 1    |
| 6705MHz                         | Pass   | 6.67181G    | 2.01         | 6.7495G      | -27.74         | -18.06         | -9.68          | 2    |
| 6705MHz                         | Pass   | 6.72829G    | 2.88         | 6.752G       | -30.00         | -17.12         | -12.88         | 3    |
| 6705MHz                         | Pass   | 6.6916G     | 2.64         | 6.5731G      | -46.50         | -37.15         | -9.35          | 4    |
| 6785MHz                         | Pass   | 6.7906G     | 2.03         | 6.829G       | -26.75         | -18.01         | -8.74          | 1    |
| 6785MHz                         | Pass   | 6.80899G    | 2.00         | 6.8299G      | -28.48         | -18.00         | -10.48         | 2    |
| 6785MHz                         | Pass   | 6.7923G     | 2.83         | 6.8309G      | -28.14         | -17.25         | -10.89         | 3    |
| 6785MHz                         | Pass   | 6.75341G    | 2.38         | 6.8299G      | -27.70         | -17.62         | -10.08         | 4    |
| 802.11be EHT160_Nss1,(MCS0)_4TX | -      | -           | -            | -            | -              | -              | -              | -    |
| 6025MHz                         | Pass   | 6.08678G    | 0.78         | 6.289G       | -50.03         | -39.22         | -10.81         | 1    |
| 6025MHz                         | Pass   | 6.09778G    | 1.57         | 6.2818G      | -49.49         | -38.43         | -11.06         | 2    |
| 6025MHz                         | Pass   | 6.09758G    | 1.85         | 6.2852G      | -47.55         | -38.15         | -9.40          | 3    |
| 6025MHz                         | Pass   | 6.04919G    | 0.51         | 6.2754G      | -50.27         | -39.24         | -11.03         | 4    |
| 6185MHz                         | Pass   | 6.1916G     | 2.36         | 6.4354G      | -46.46         | -37.64         | -8.82          | 1    |
| 6185MHz                         | Pass   | 6.175G      | 3.15         | 5.9268G      | -43.24         | -36.85         | -6.39          | 2    |
| 6185MHz                         | Pass   | 6.179G      | 2.77         | 6.442G       | -42.83         | -37.23         | -5.60          | 3    |
| 6185MHz                         | Pass   | 6.25218G    | 3.40         | 5.9774G      | -34.91         | -29.94         | -4.97          | 4    |
| 6345MHz                         | Pass   | 6.26782G    | 2.75         | 6.0916G      | -42.92         | -37.15         | -5.77          | 1    |
| 6345MHz                         | Pass   | 6.26822G    | 2.88         | 6.075G       | -45.34         | -37.12         | -8.22          | 2    |
| 6345MHz                         | Pass   | 6.32021G    | 2.00         | 6.0876G      | -48.27         | -38.00         | -10.27         | 3    |
| 6345MHz                         | Pass   | 6.27762G    | 2.38         | 6.6032G      | -41.66         | -37.55         | -4.11          | 4    |
| 6665MHz                         | Pass   | 6.58862G    | 2.96         | 6.9354G      | -46.12         | -37.04         | -9.08          | 1    |
| 6665MHz                         | Pass   | 6.61301G    | 2.03         | 6.9248G      | -46.74         | -37.97         | -8.77          | 2    |
| 6665MHz                         | Pass   | 6.73338G    | 2.60         | 6.9162G      | -46.36         | -37.17         | -9.19          | 3    |
| 6665MHz                         | Pass   | 6.6526G     | 2.93         | 6.9194G      | -41.87         | -37.02         | -4.85          | 4    |

5.925-6.425GHz\_802.11be EHT20\_Nss1,(MCS0)\_4TX

**MASK**

5955MHz\_TX

19/06/2025

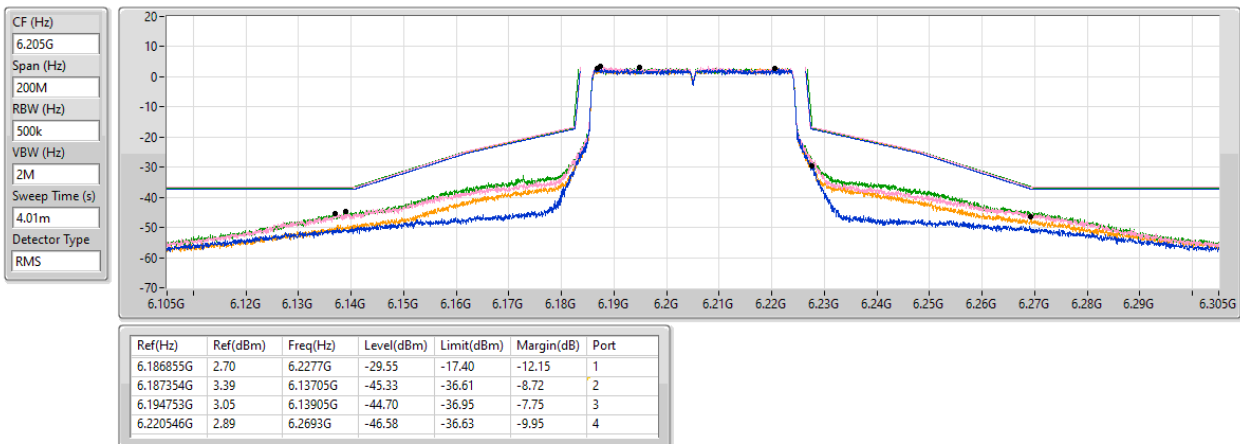


5.925-6.425GHz\_802.11be EHT40\_Nss1,(MCS0)\_4TX

**MASK**

6205MHz\_TX

18/06/2025

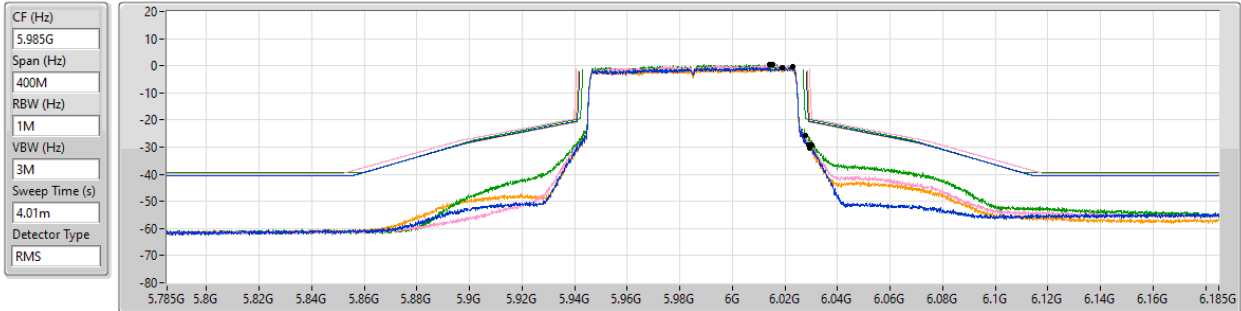


5.925-6.425GHz\_802.11be EHT80\_Nss1,(MCS0)\_4TX

**MASK**

5985MHz\_TX

19/06/2025



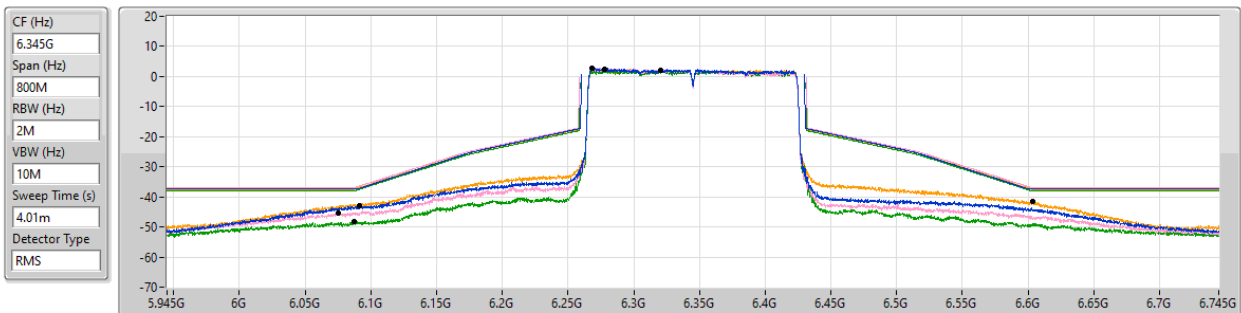
| Ref(Hz)  | Ref(dBm) | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port |
|----------|----------|----------|------------|------------|------------|------|
| 6.02319G | -0.42    | 6.0291G  | -29.08     | -20.44     | -8.64      | 1    |
| 6.01539G | 0.42     | 6.0302G  | -29.31     | -19.18     | -10.13     | 2    |
| 6.01429G | 0.49     | 6.0278G  | -25.52     | -19.51     | -6.01      | 3    |
| 6.01909G | -0.73    | 6.0296G  | -30.44     | -20.76     | -9.68      | 4    |

5.925-6.425GHz\_802.11be EHT160\_Nss1,(MCS0)\_4TX

**MASK**

6345MHz\_TX

18/06/2025



| Ref(Hz)  | Ref(dBm) | Freq(Hz) | Level(dBm) | Limit(dBm) | Margin(dB) | Port |
|----------|----------|----------|------------|------------|------------|------|
| 6.26782G | 2.75     | 6.0916G  | -42.92     | -37.15     | -5.77      | 1    |
| 6.26822G | 2.88     | 6.075G   | -45.34     | -37.12     | -8.22      | 2    |
| 6.32021G | 2.00     | 6.0876G  | -48.27     | -38.00     | -10.27     | 3    |
| 6.27762G | 2.38     | 6.6032G  | -41.66     | -37.55     | -4.11      | 4    |