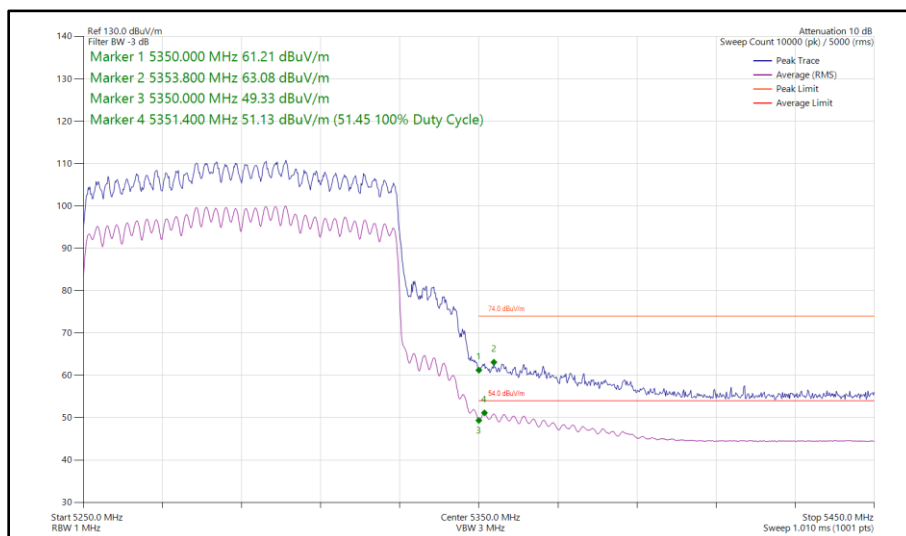
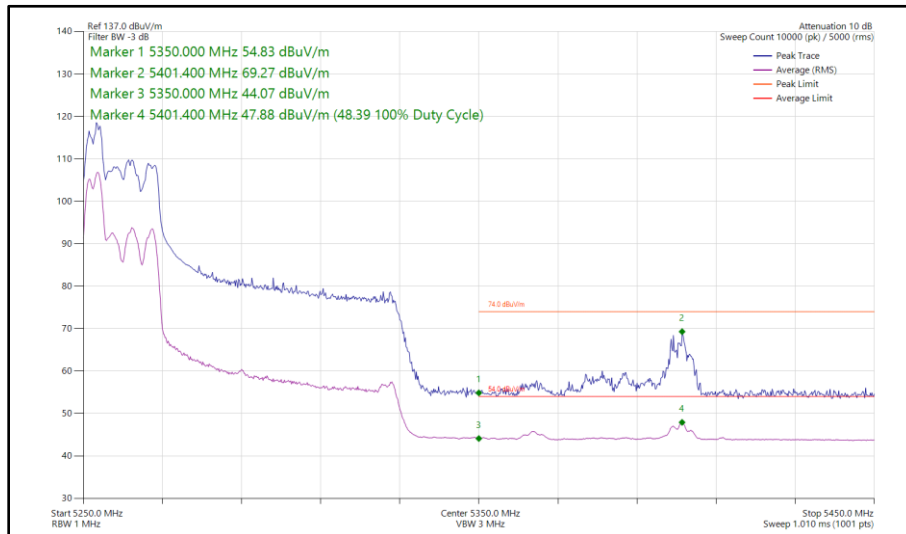


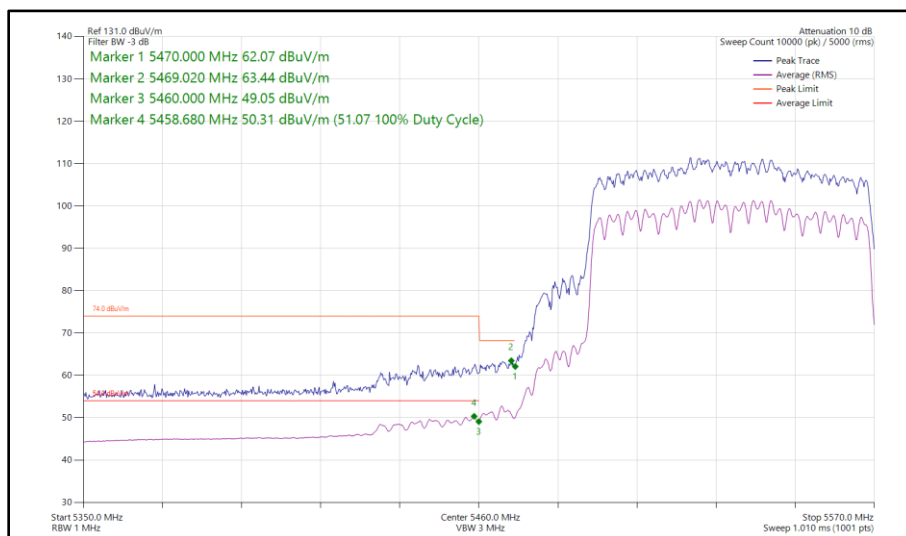
**Figure 188 - 802.11ac VHT80, CDD, Core 0 - Core 1 - 5290 MHz  
Band Edge Frequency 5350 MHz**



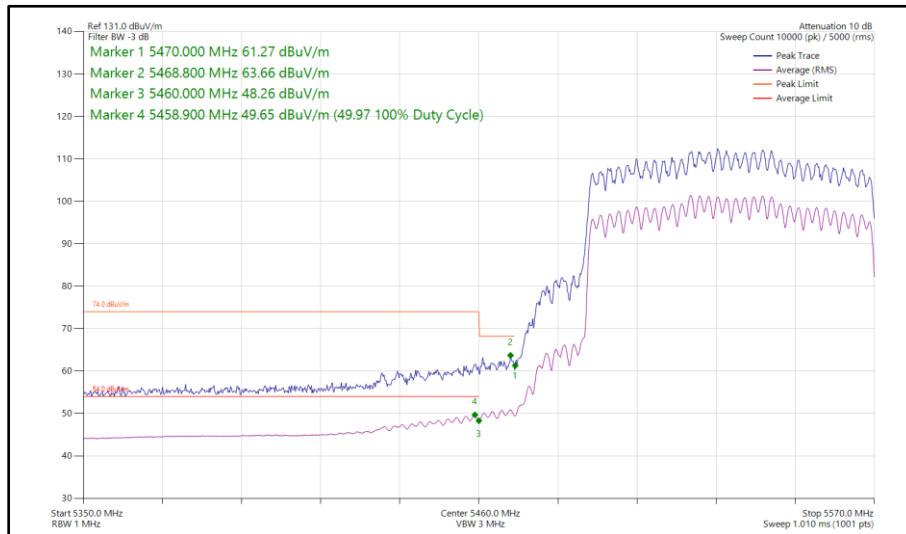
**Figure 189 - 802.11ax HE80, SU, CDD, Core 0 - Core 1 - 5290 MHz  
Band Edge Frequency 5350 MHz**



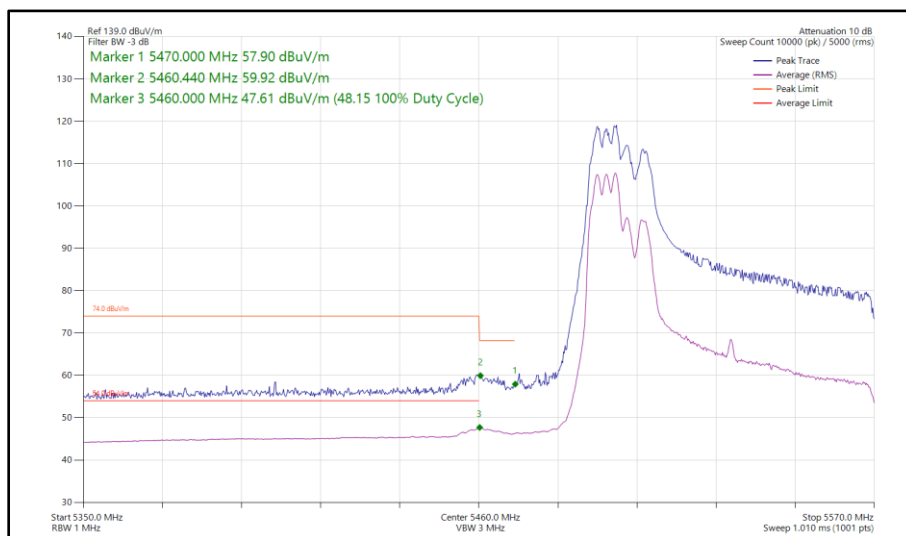
**Figure 190 - 802.11ax HE80, RU 52-37, CDD, Core 0 - Core 1 - 5290 MHz  
Band Edge Frequency 5350 MHz**



**Figure 191 - 802.11ac VHT80, CDD, Core 0 - Core 1 - 5530 MHz  
Band Edge Frequency 5460 MHz**



**Figure 192 - 802.11ax HE80, SU, CDD, Core 0 - Core 1 - 5530 MHz  
Band Edge Frequency 5460 MHz**



**Figure 193 - 802.11ax HE80, RU 106-53, CDD, Core 0 - Core 1 - 5530 MHz  
Band Edge Frequency 5460 MHz**



80 MHz Bandwidth - Core 0 - Core 1 (SDM)

| Mode           | Data Rate/MCS | Resource Size | Resource Index | TX Frequency (MHz) | Band Edge Frequency (MHz) | Peak Level (dBμV/m) | Average Level (dBμV/m) |
|----------------|---------------|---------------|----------------|--------------------|---------------------------|---------------------|------------------------|
| 802.11ac VHT80 | MCS 4x2       | -             | -              | 5210               | 5150                      | 62.68               | 51.42                  |
| 802.11ax HE80  | MCS 4x2       | SU            | -              | 5210               | 5150                      | 63.36               | 51.33                  |
| 802.11ax HE80  | MCS 11x2      | 106           | 53             | 5210               | 5150                      | 57.01               | 45.16                  |
| 802.11ac VHT80 | MCS 8x2       | -             | -              | 5290               | 5350                      | 62.74               | 51.42                  |
| 802.11ax HE80  | MCS 2x2       | SU            | -              | 5290               | 5350                      | 63.26               | 51.50                  |
| 802.11ax HE80  | MCS 11x2      | 52            | 37             | 5290               | 5350                      | 68.37               | 48.88                  |
| 802.11ac VHT80 | MCS 4x2       | -             | -              | 5530               | 5460                      | 63.67               | 49.83                  |
| 802.11ax HE80  | MCS 4x2       | SU            | -              | 5530               | 5460                      | 63.58               | 50.13                  |
| 802.11ax HE80  | MCS 11x2      | 106           | 53             | 5530               | 5460                      | 60.19               | 48.00                  |

Table 20 - SDM Restricted Band Edge Results

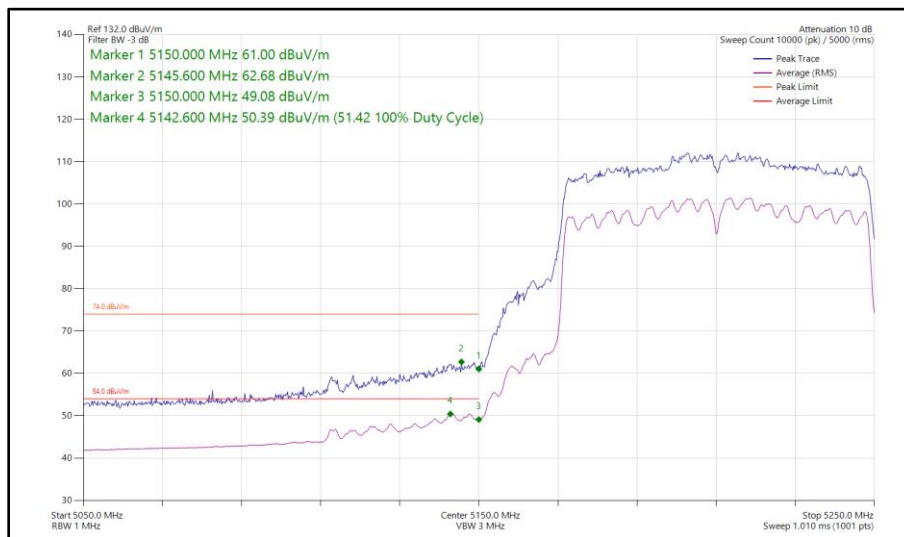


Figure 194 - 802.11ac VHT80, SDM, Core 0 - Core 1 - 5210 MHz  
 Band Edge Frequency 5150 MHz

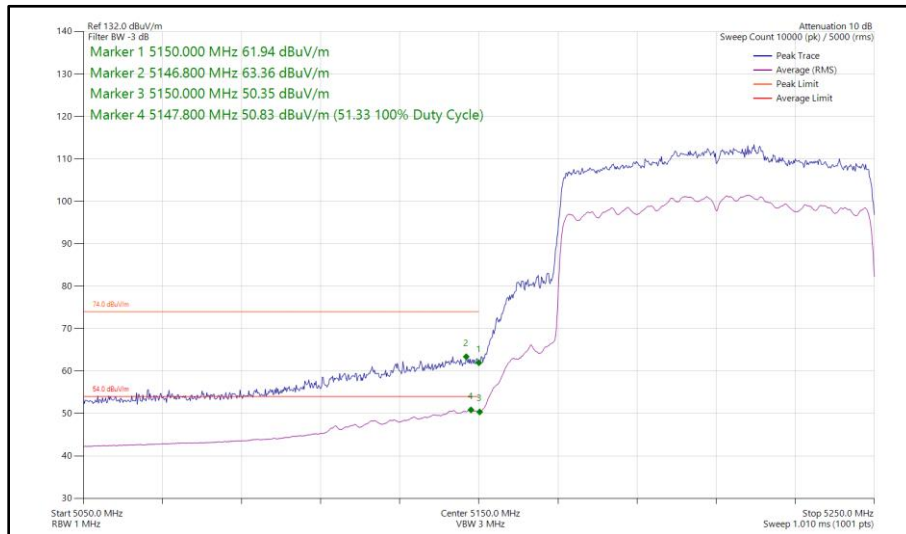


Figure 195 - 802.11ax HE80, SU, SDM, Core 0 - Core 1 - 5210 MHz  
Band Edge Frequency 5150 MHz

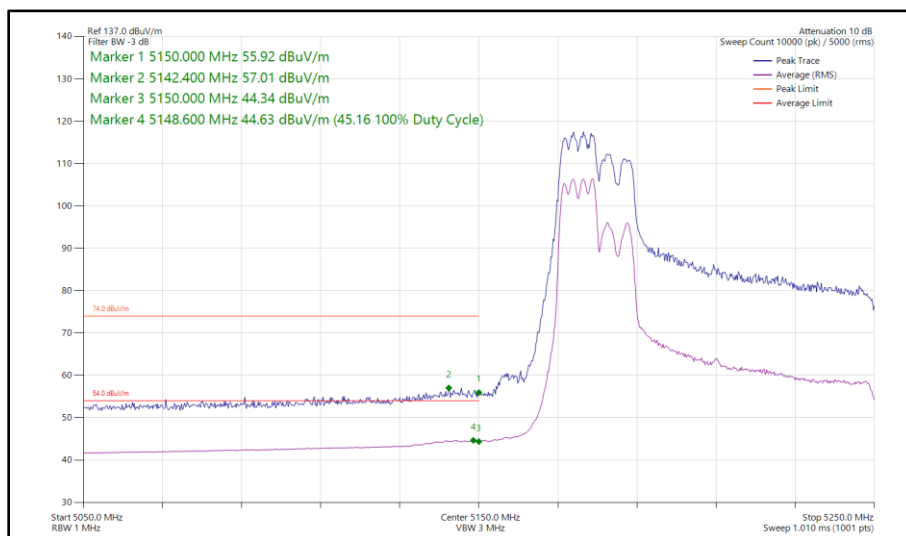
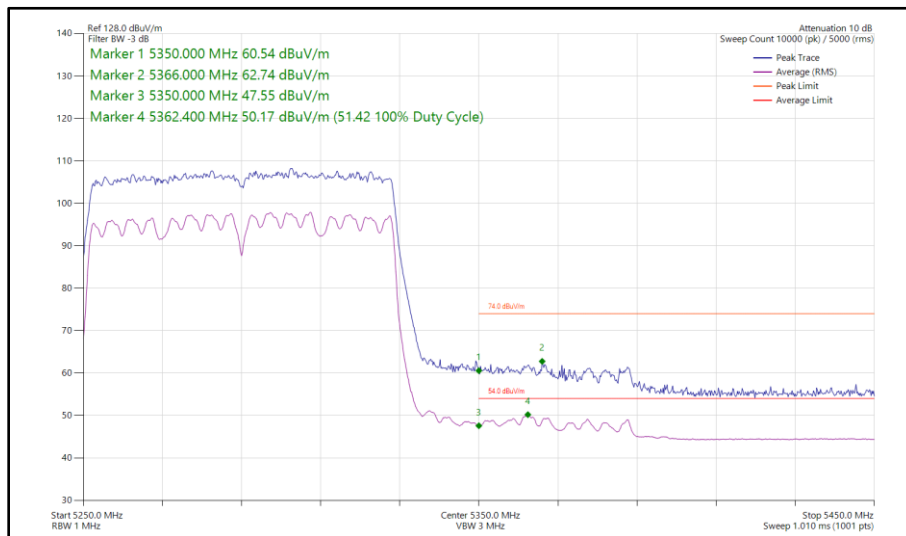
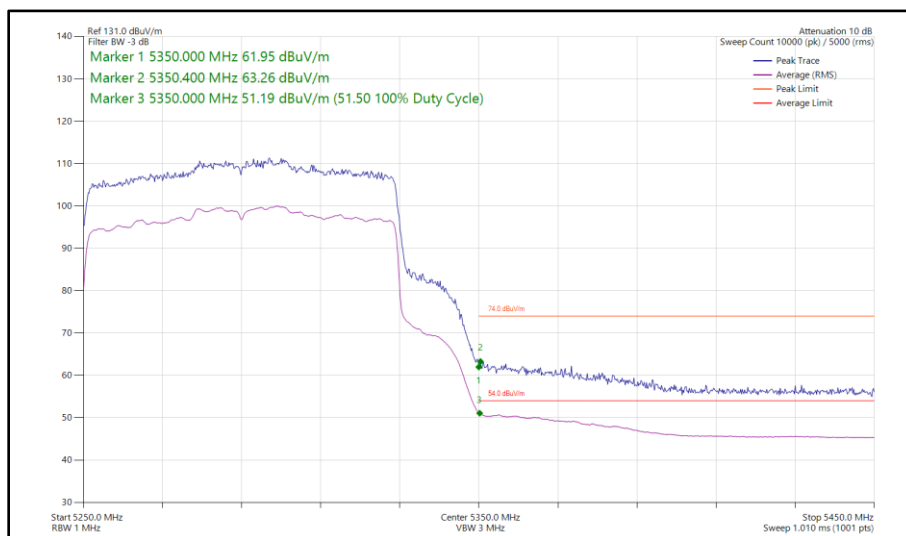


Figure 196 - 802.11ax HE80, RU 106-53, SDM, Core 0 - Core 1 - 5210 MHz  
Band Edge Frequency 5150 MHz



**Figure 197 - 802.11ac VHT80, SDM, Core 0 - Core 1 - 5290 MHz  
Band Edge Frequency 5350 MHz**



**Figure 198 - 802.11ax HE80, SU, SDM, Core 0 - Core 1 - 5290 MHz  
Band Edge Frequency 5350 MHz**

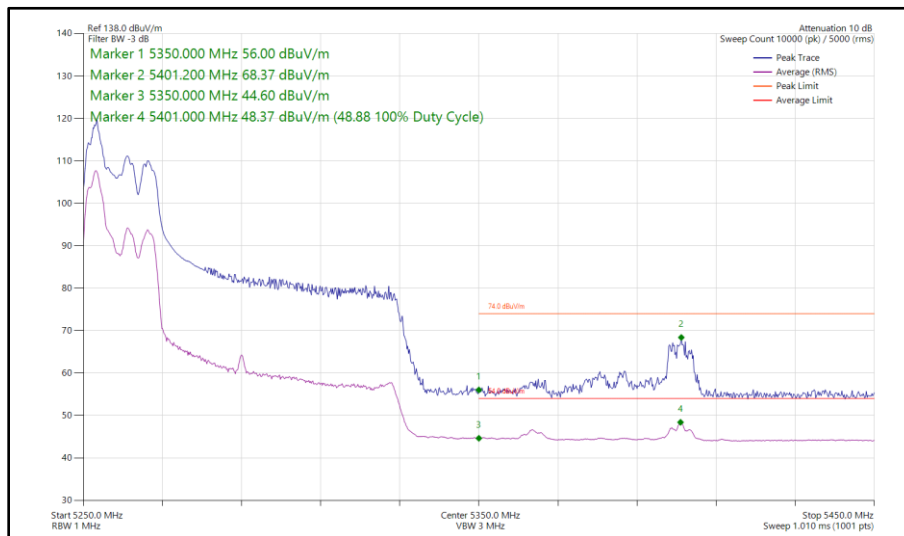


Figure 199 - 802.11ax HE80, RU 52-37, SDM, Core 0 - Core 1 - 5290 MHz  
Band Edge Frequency 5350 MHz

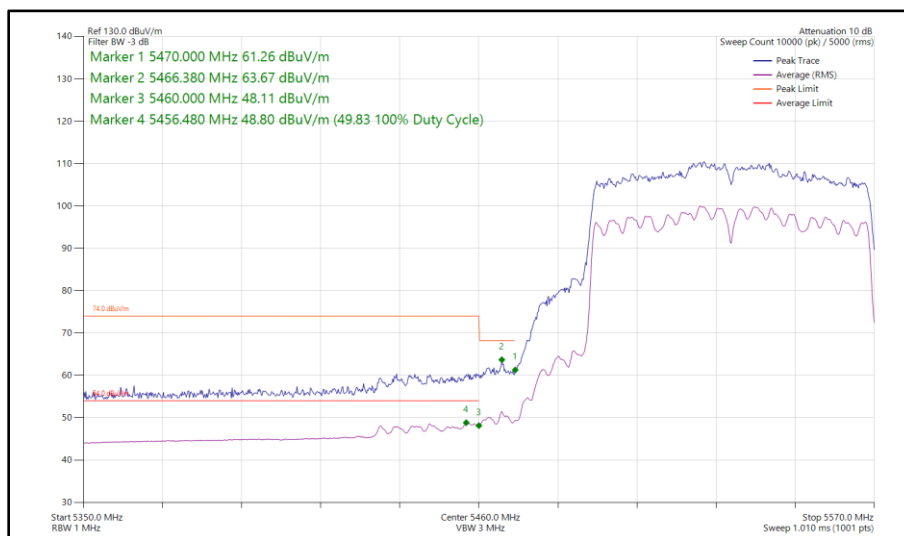
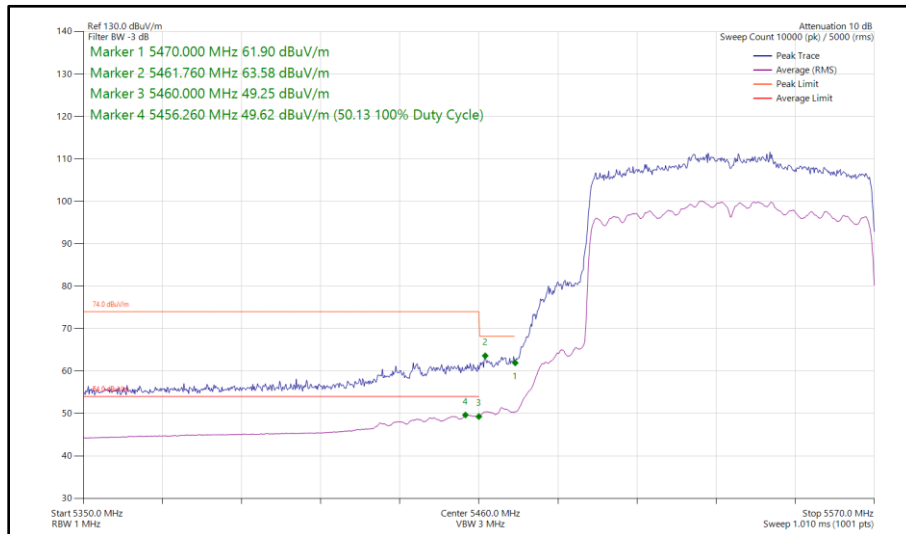
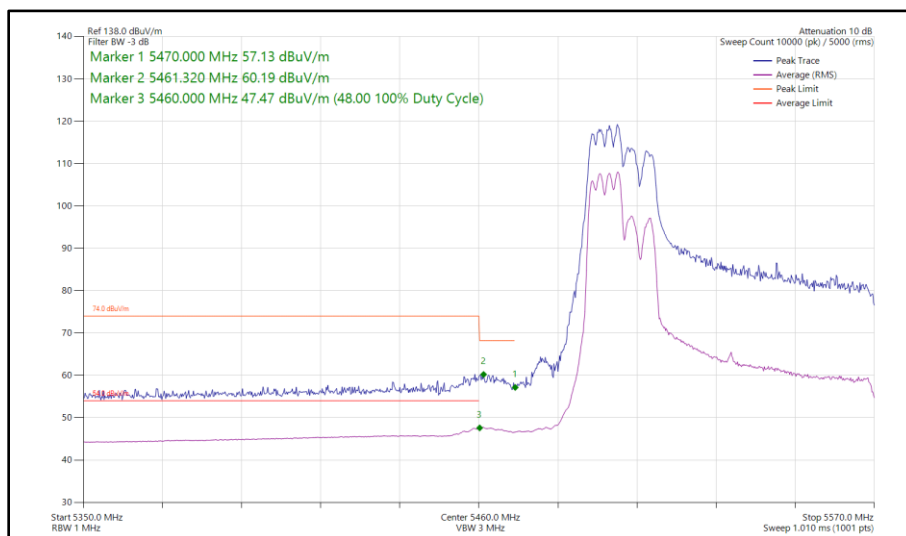


Figure 200 - 802.11ac VHT80, SDM, Core 0 - Core 1 - 5530 MHz  
Band Edge Frequency 5460 MHz



**Figure 201 - 802.11ax HE80, SU, SDM, Core 0 - Core 1 - 5530 MHz  
Band Edge Frequency 5460 MHz**



**Figure 202 - 802.11ax HE80, RU 106-53, SDM, Core 0 - Core 1 - 5530 MHz  
Band Edge Frequency 5460 MHz**





80 MHz Bandwidth - Core 0 - Core 1 (TxBF)

| Mode           | Data Rate/MCS | Resource Size | Resource Index | TX Frequency (MHz) | Band Edge Frequency (MHz) | Peak Level (dBμV/m) | Average Level (dBμV/m) |
|----------------|---------------|---------------|----------------|--------------------|---------------------------|---------------------|------------------------|
| 802.11ac VHT80 | MCS 8x1       | -             | -              | 5210               | 5150                      | 69.38               | 48.25                  |
| 802.11ac VHT80 | MCS 2x1       | -             | -              | 5290               | 5350                      | 65.85               | 51.45                  |
| 802.11ac VHT80 | MCS 8x1       | -             | -              | 5530               | 5460                      | 63.46               | 48.16                  |

Table 21 - TxBF Restricted Band Edge Results

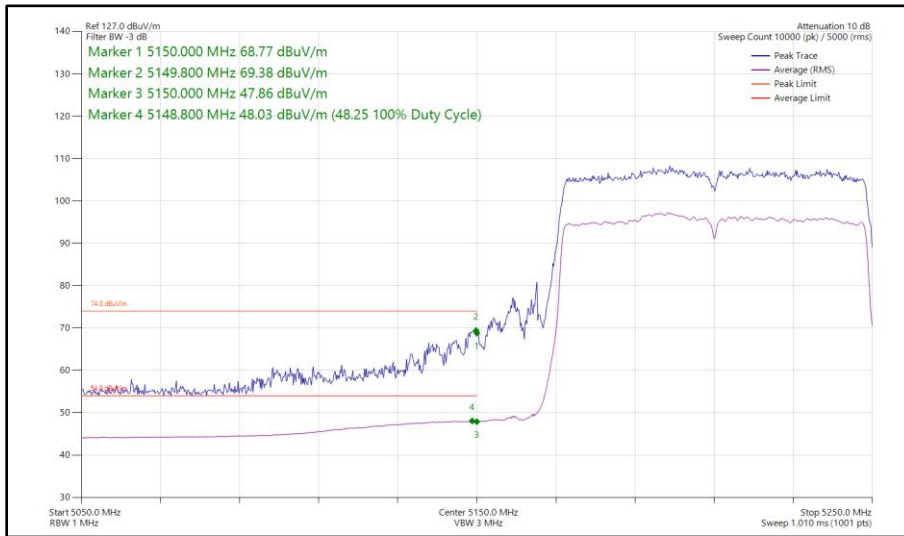


Figure 203 - 802.11ac VHT80, TxBF, Core 0 - Core 1 - 5210 MHz  
 Band Edge Frequency 5150 MHz

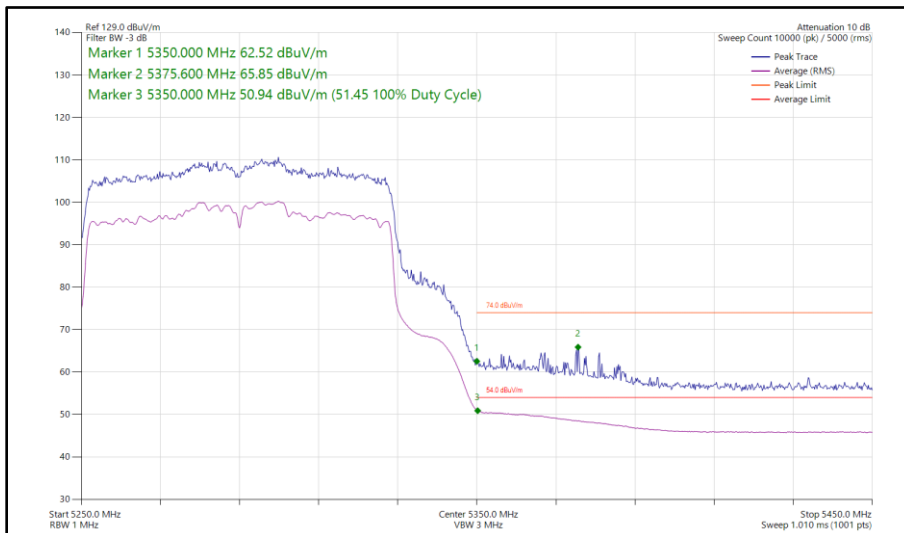
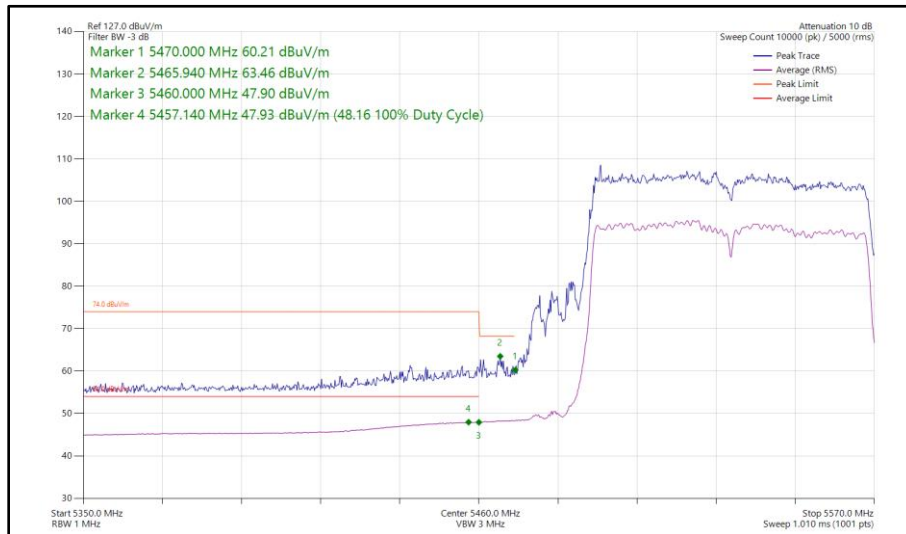


Figure 204 - 802.11ac VHT80, TxBF, Core 0 - Core 1 - 5290 MHz  
 Band Edge Frequency 5350 MHz



**Figure 205 - 802.11ac VHT80, TxBF, Core 0 - Core 1 - 5530 MHz  
Band Edge Frequency 5460 MHz**



160 MHz Bandwidth - Core 0 (SISO)

| Mode            | Data Rate/MCS | Resource Size | Resource Index | TX Frequency (MHz) | Band Edge Frequency (MHz) | Peak Level (dBμV/m) | Average Level (dBμV/m) |
|-----------------|---------------|---------------|----------------|--------------------|---------------------------|---------------------|------------------------|
| 802.11ac VHT160 | MCS 4x1       | -             | -              | 5250               | 5150                      | 64.03               | 51.48                  |
| 802.11ax HE160  | MCS 2x1       | SU            | -              | 5250               | 5150                      | 62.62               | 50.94                  |
| 802.11ax HE160  | MCS 11x1      | 106           | 53P            | 5250               | 5150                      | 54.91               | 43.14                  |
| 802.11ac VHT160 | MCS 7x1       | -             | -              | 5250               | 5350                      | 63.65               | 51.32                  |
| 802.11ax HE160  | MCS 2x1       | SU            | -              | 5250               | 5350                      | 63.16               | 51.42                  |
| 802.11ax HE160  | MCS 11x1      | 106           | 60S            | 5250               | 5350                      | 58.74               | 45.67                  |
| 802.11ac VHT160 | MCS 4x1       | -             | -              | 5570               | 5460                      | 61.43               | 51.30                  |
| 802.11ax HE160  | MCS 2x1       | SU            | -              | 5570               | 5460                      | 63.04               | 51.43                  |
| 802.11ax HE160  | MCS 11x1      | 106           | 53P            | 5570               | 5460                      | 55.74               | 45.44                  |

Table 22 - SISO Restricted Band Edge Results

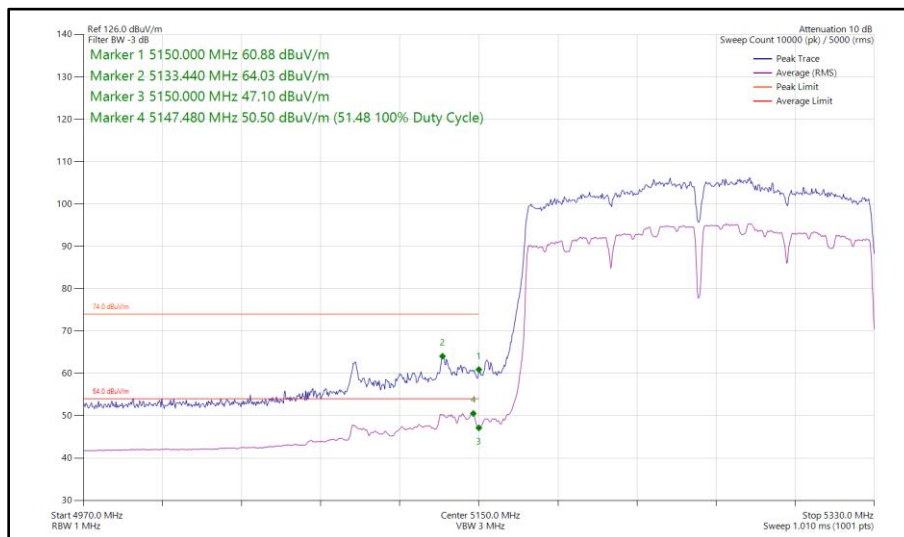
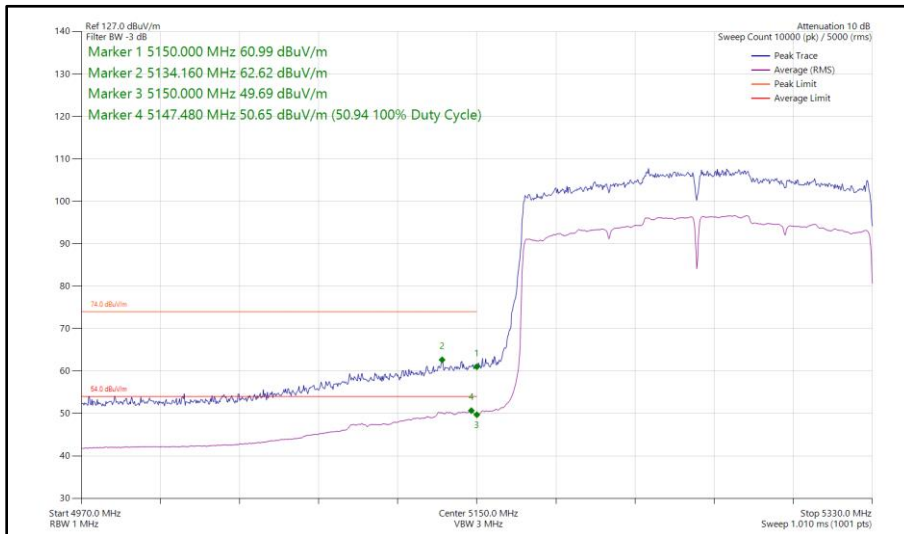
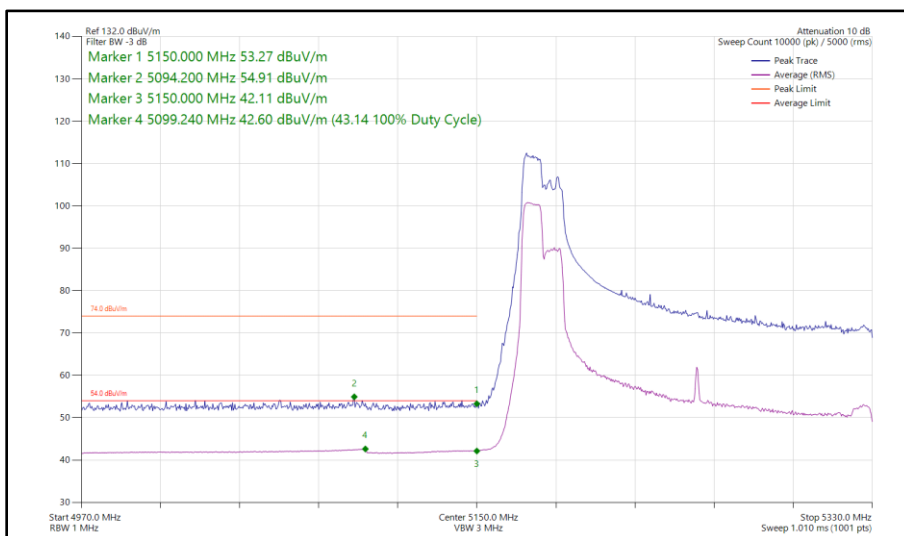


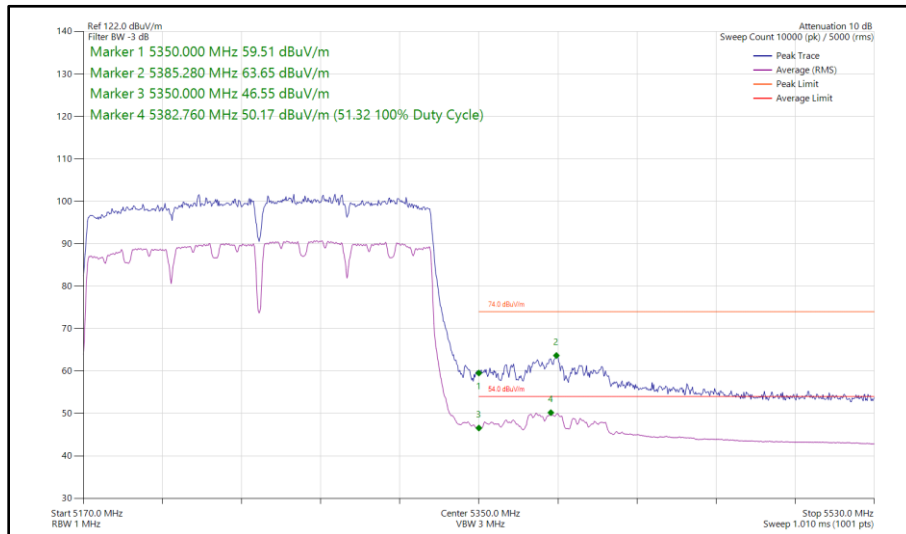
Figure 206 - 802.11ac VHT160, SISO, Core 0 - 5250 MHz  
 Band Edge Frequency 5150 MHz



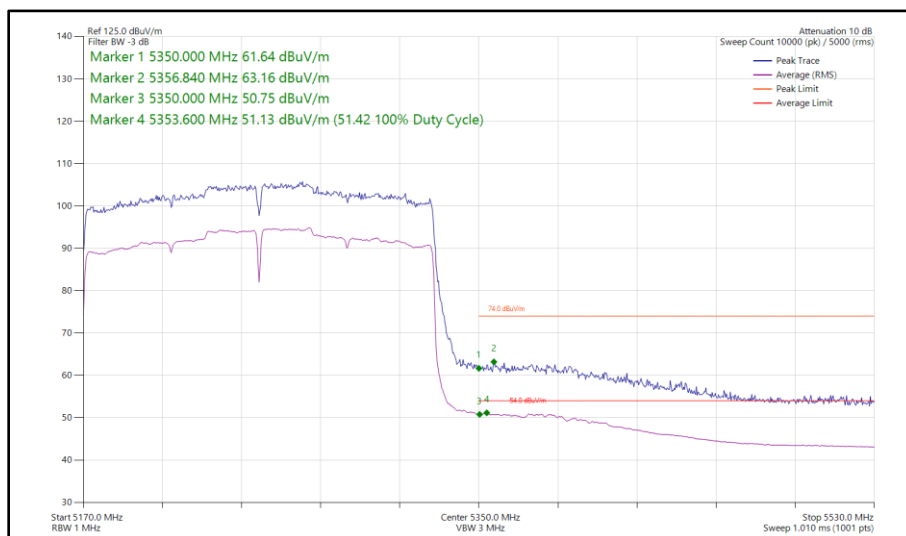
**Figure 207 - 802.11ax HE160, SU, SISO, Core 0 - 5250 MHz  
Band Edge Frequency 5150 MHz**



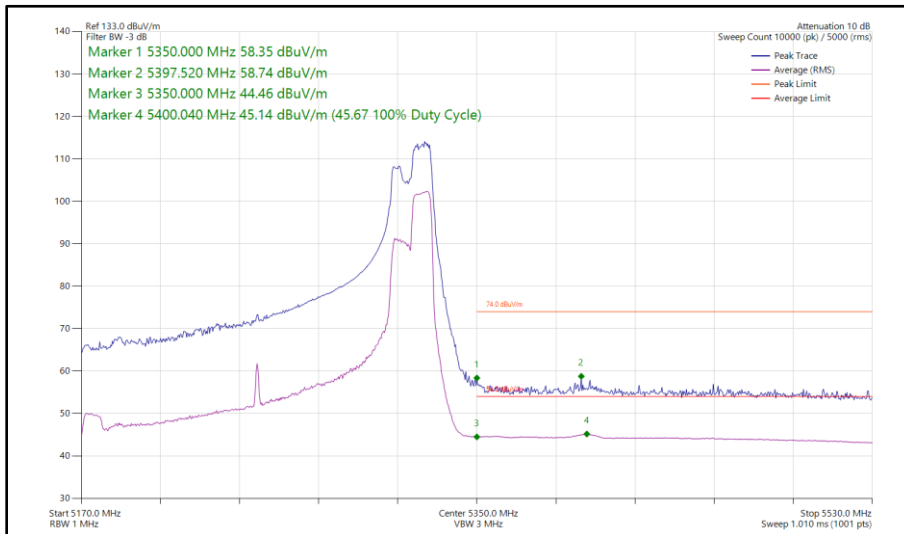
**Figure 208 - 802.11ax HE160, RU 106-53P, SISO, Core 0 - 5250 MHz  
Band Edge Frequency 5150 MHz**



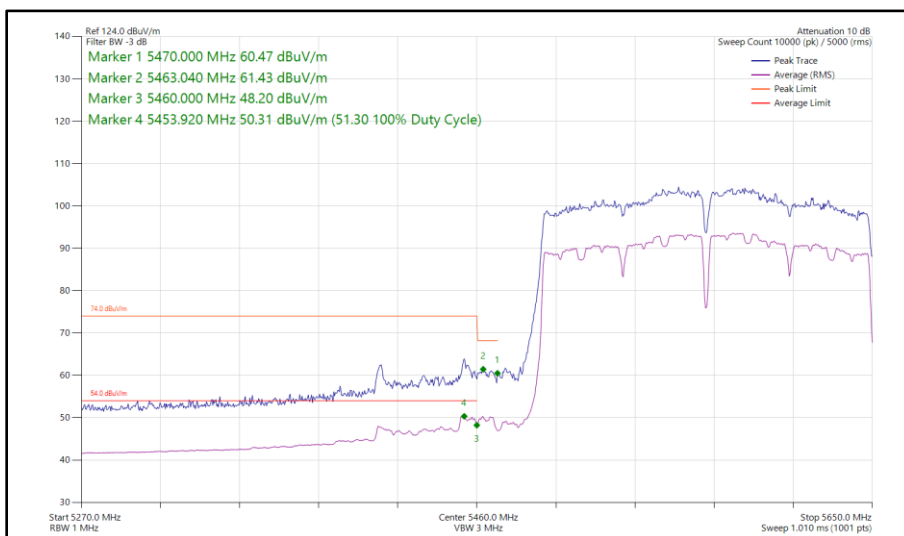
**Figure 209 - 802.11ac VHT160, SISO, Core 0 - 5250 MHz  
Band Edge Frequency 5350 MHz**



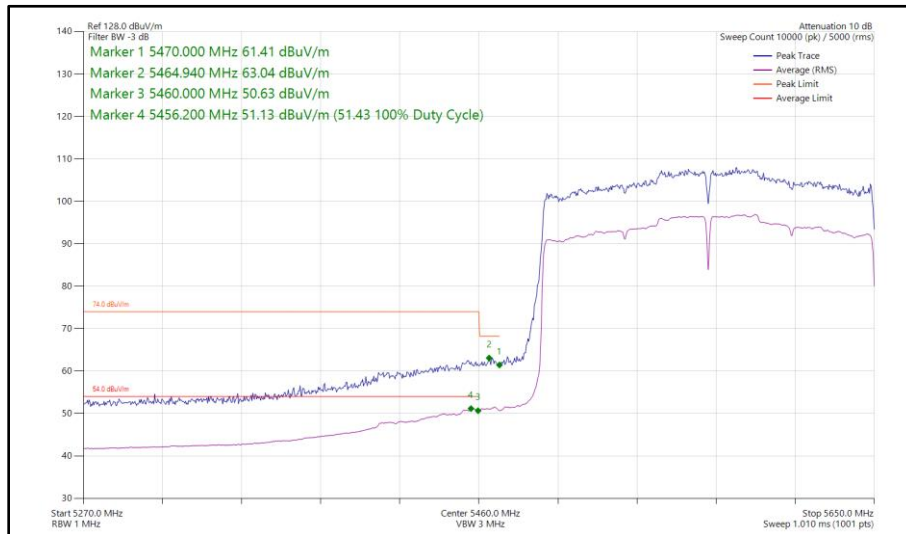
**Figure 210 - 802.11ax HE160, SU, SISO, Core 0 - 5250 MHz  
Band Edge Frequency 5350 MHz**



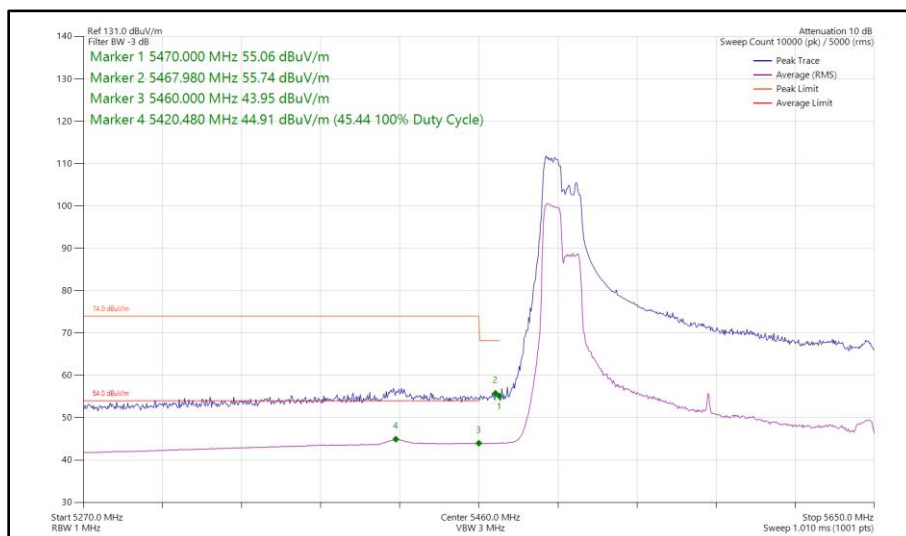
**Figure 211 - 802.11ax HE160, RU 106-60S, SISO, Core 0 - 5250 MHz  
Band Edge Frequency 5350 MHz**



**Figure 212 - 802.11ac VHT160, SISO, Core 0 - 5570 MHz  
Band Edge Frequency 5460 MHz**



**Figure 213 - 802.11ax HE160, SU, SISO, Core 0 - 5570 MHz  
Band Edge Frequency 5460 MHz**



**Figure 214 - 802.11ax HE160, RU 106-53P, SISO, Core 0 - 5570 MHz  
Band Edge Frequency 5460 MHz**



160 MHz Bandwidth - Core 1 (SISO)

| Mode            | Data Rate/MCS | Resource Size | Resource Index | TX Frequency (MHz) | Band Edge Frequency (MHz) | Peak Level (dBμV/m) | Average Level (dBμV/m) |
|-----------------|---------------|---------------|----------------|--------------------|---------------------------|---------------------|------------------------|
| 802.11ac VHT160 | MCS 7x1       | -             | -              | 5250               | 5150                      | 63.34               | 51.50                  |
| 802.11ax HE160  | MCS 2x1       | SU            | -              | 5250               | 5150                      | 62.60               | 51.20                  |
| 802.11ax HE160  | MCS 11x1      | 106           | 53P            | 5250               | 5150                      | 54.78               | 43.48                  |
| 802.11ac VHT160 | MCS 2x1       | -             | -              | 5250               | 5350                      | 62.22               | 51.49                  |
| 802.11ax HE160  | MCS 2x1       | SU            | -              | 5250               | 5350                      | 63.02               | 51.33                  |
| 802.11ax HE160  | MCS 11x1      | 106           | 53P            | 5250               | 5350                      | 60.50               | 45.53                  |
| 802.11ac VHT160 | MCS 4x1       | -             | -              | 5570               | 5460                      | 61.85               | 51.48                  |
| 802.11ax HE160  | MCS 11x1      | SU            | -              | 5570               | 5460                      | 62.05               | 51.18                  |
| 802.11ax HE160  | MCS 11x1      | 106           | 53P            | 5570               | 5460                      | 57.41               | 44.70                  |

Table 23 - SISO Restricted Band Edge Results

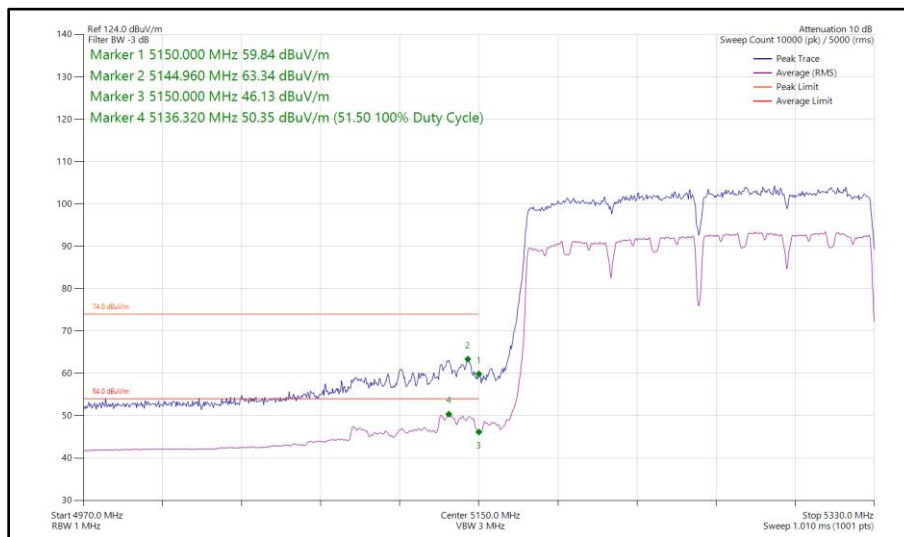
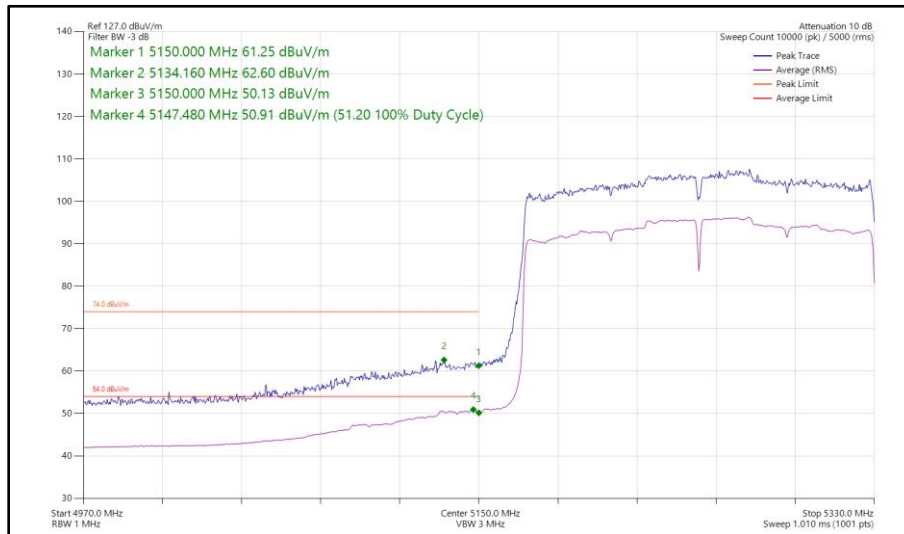
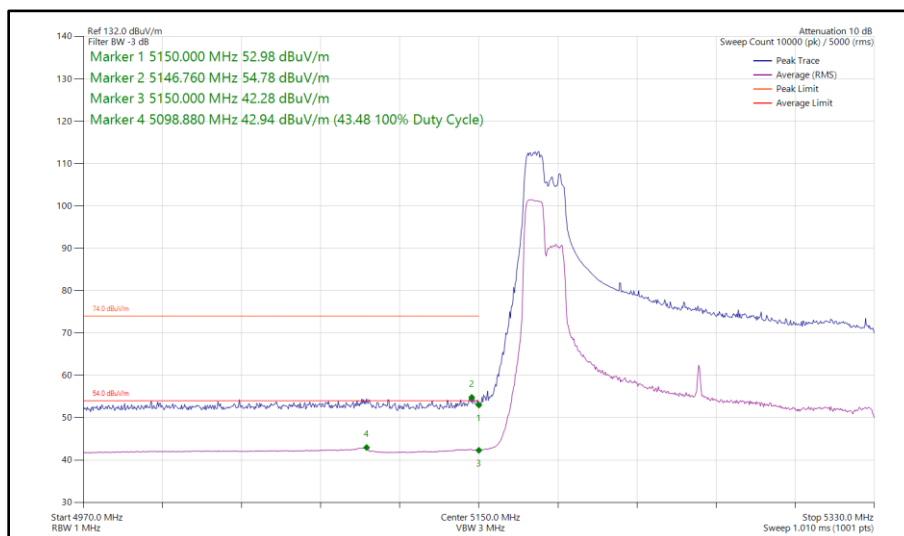


Figure 215 - 802.11ac VHT160, SISO, Core 1 - 5250 MHz Band Edge Frequency 5150 MHz

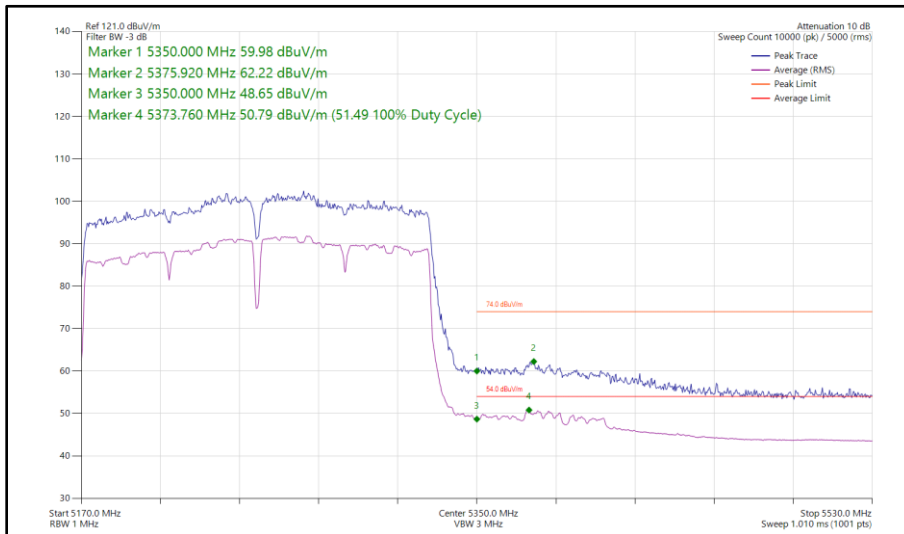




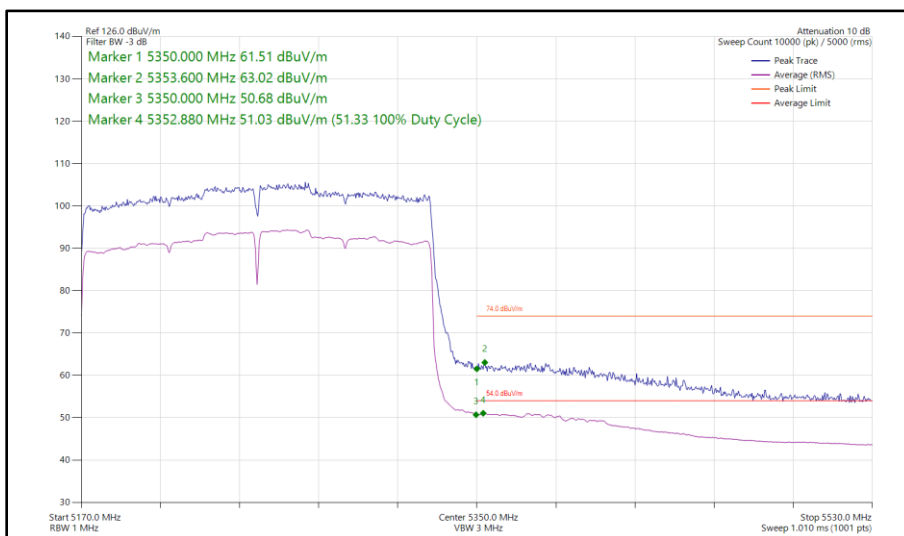
**Figure 216 - 802.11ax HE160, SU, SISO, Core 1 - 5250 MHz  
Band Edge Frequency 5150 MHz**



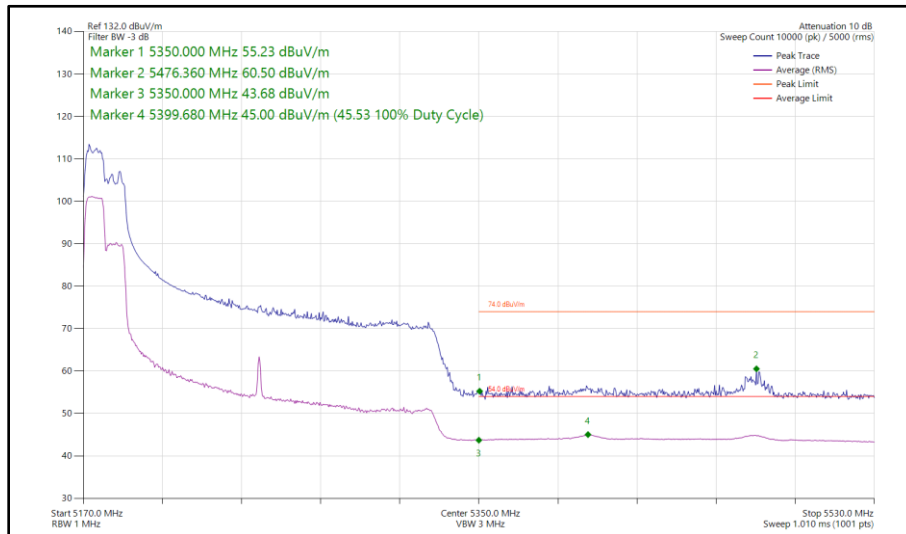
**Figure 217 - 802.11ax HE160, RU 106-53P, SISO, Core 1 - 5250 MHz  
Band Edge Frequency 5150 MHz**



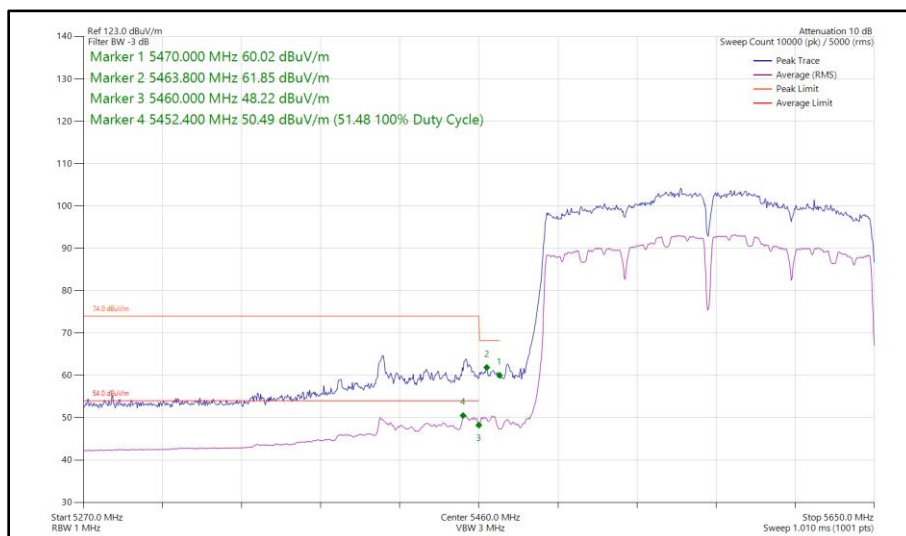
**Figure 218 - 802.11ac VHT160, SISO, Core 1 - 5250 MHz  
Band Edge Frequency 5350 MHz**



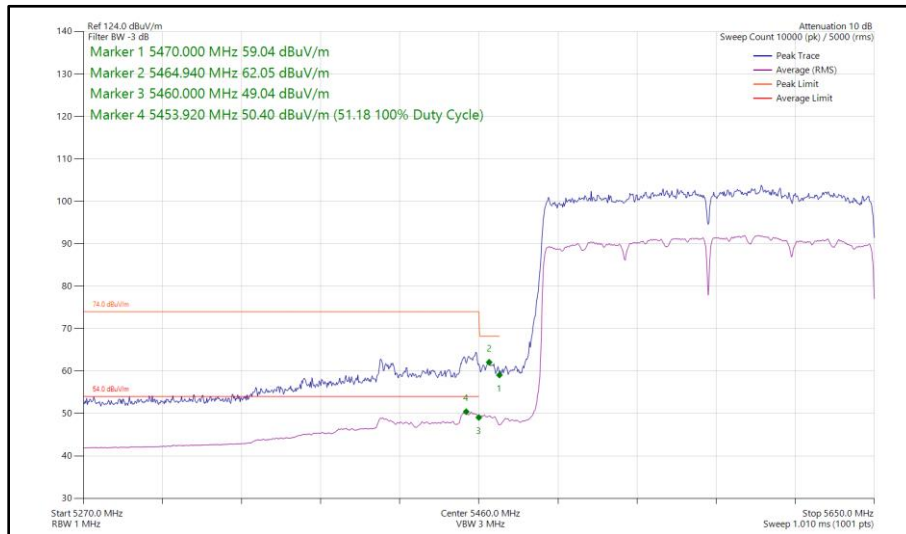
**Figure 219 - 802.11ax HE160, SU, SISO, Core 1 - 5250 MHz  
Band Edge Frequency 5350 MHz**



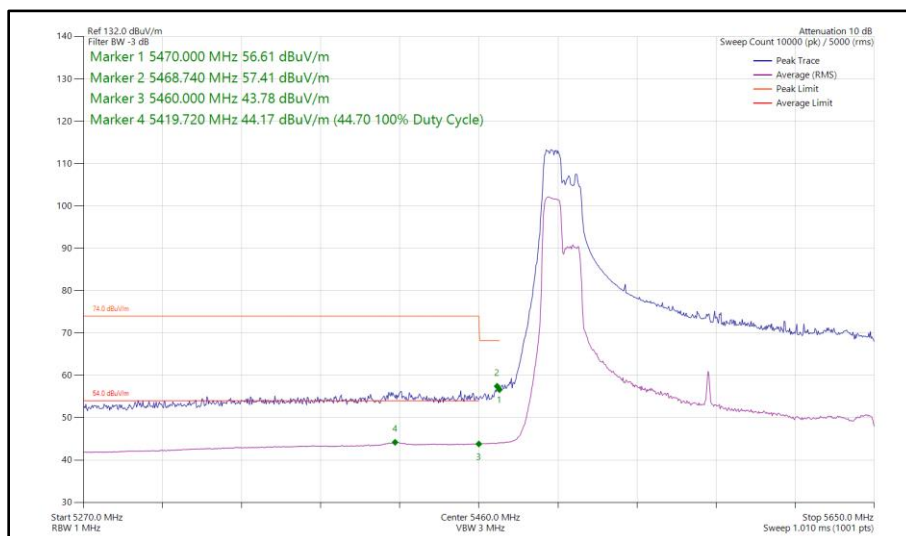
**Figure 220 - 802.11ax HE160, RU 106-53P, SISO, Core 1 - 5250 MHz  
Band Edge Frequency 5350 MHz**



**Figure 221 - 802.11ac VHT160, SISO, Core 1 - 5570 MHz  
Band Edge Frequency 5460 MHz**



**Figure 222 - 802.11ax HE160, SU, SISO, Core 1 - 5570 MHz  
Band Edge Frequency 5460 MHz**



**Figure 223 - 802.11ax HE160, RU 106-53P, SISO, Core 1 - 5570 MHz  
Band Edge Frequency 5460 MHz**



160 MHz Bandwidth - Core 0 - Core 1 (CDD)

| Mode            | Data Rate/MCS | Resource Size | Resource Index | TX Frequency (MHz) | Band Edge Frequency (MHz) | Peak Level (dBμV/m) | Average Level (dBμV/m) |
|-----------------|---------------|---------------|----------------|--------------------|---------------------------|---------------------|------------------------|
| 802.11ac VHT160 | MCS 2x1       | -             | -              | 5250               | 5150                      | 63.76               | 51.47                  |
| 802.11ax HE160  | MCS 2x1       | SU            | -              | 5250               | 5150                      | 64.42               | 51.32                  |
| 802.11ax HE160  | MCS 11x1      | 106           | 53P            | 5250               | 5150                      | 55.61               | 44.10                  |
| 802.11ac VHT160 | MCS 7x1       | -             | -              | 5250               | 5350                      | 62.60               | 51.36                  |
| 802.11ax HE160  | MCS 4x1       | SU            | -              | 5250               | 5350                      | 63.97               | 51.39                  |
| 802.11ax HE160  | MCS 11x1      | 106           | 53P            | 5250               | 5350                      | 60.57               | 46.12                  |
| 802.11ac VHT160 | MCS 4x1       | -             | -              | 5570               | 5460                      | 61.33               | 51.50                  |
| 802.11ax HE160  | MCS 11x1      | SU            | -              | 5570               | 5460                      | 63.16               | 51.12                  |
| 802.11ax HE160  | MCS 11x1      | 106           | 53P            | 5570               | 5460                      | 57.72               | 46.57                  |

Table 24 - CDD Restricted Band Edge Results

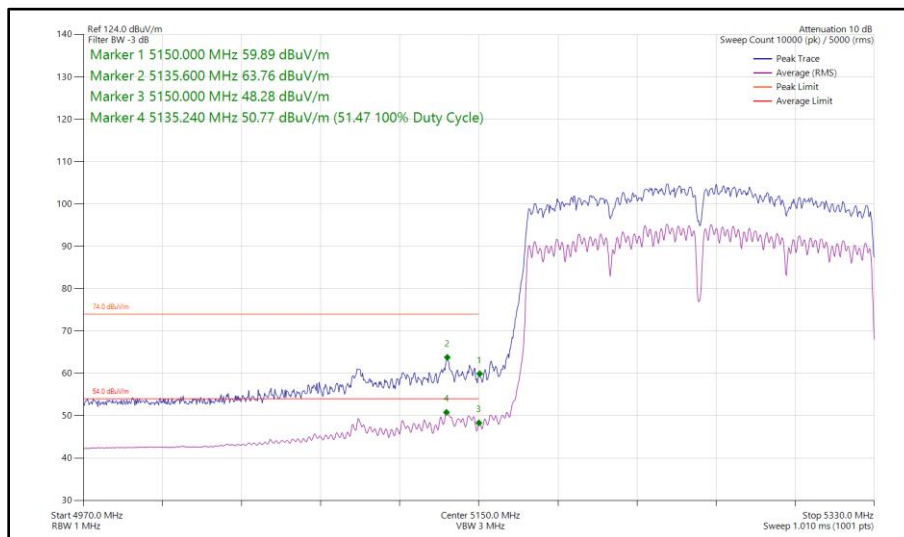
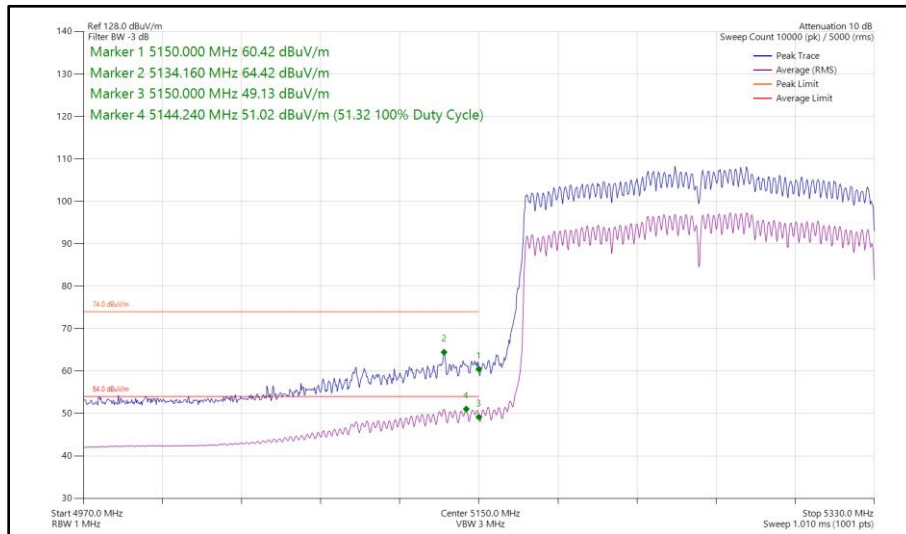
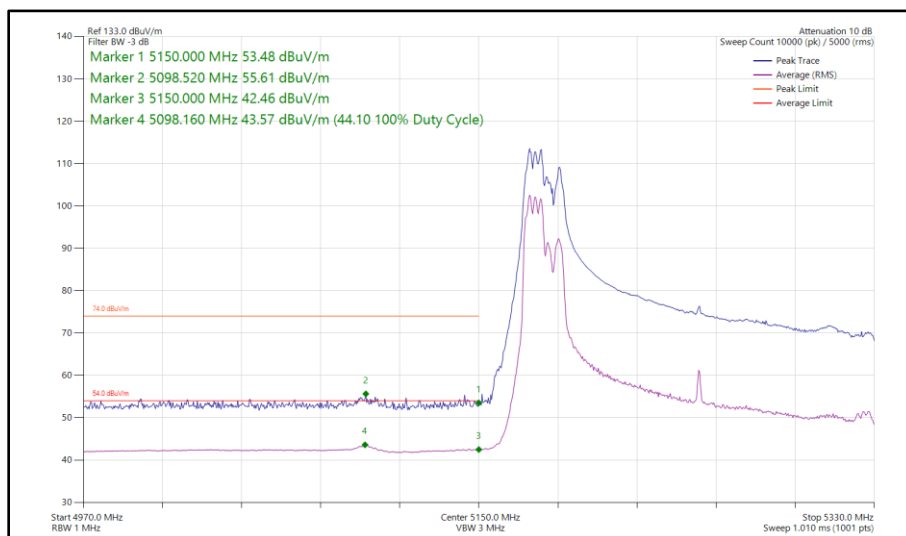


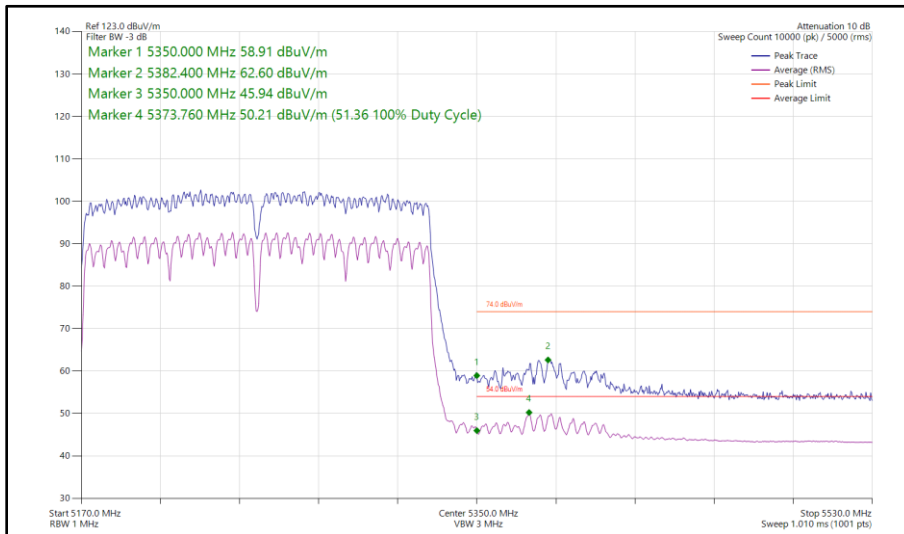
Figure 224 - 802.11ac VHT160, CDD, Core 0 - Core 1 - 5250 MHz  
 Band Edge Frequency 5150 MHz



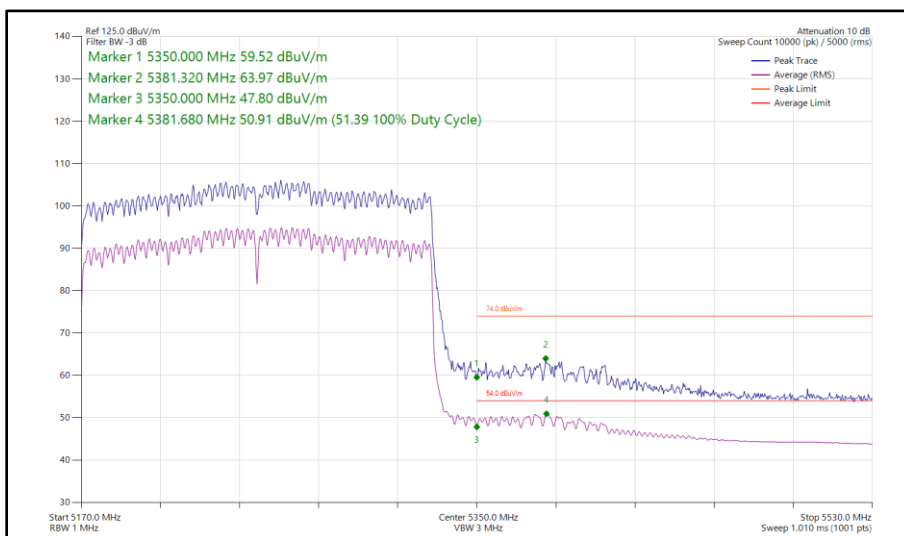
**Figure 225 - 802.11ax HE160, SU, CDD, Core 0 - Core 1 - 5250 MHz  
Band Edge Frequency 5150 MHz**



**Figure 226 - 802.11ax HE160, RU 106-53P, CDD, Core 0 - Core 1 - 5250 MHz  
Band Edge Frequency 5150 MHz**



**Figure 227 - 802.11ac VHT160, CDD, Core 0 - Core 1 - 5250 MHz  
Band Edge Frequency 5350 MHz**



**Figure 228 - 802.11ax HE160, SU, CDD, Core 0 - Core 1 - 5250 MHz  
Band Edge Frequency 5350 MHz**

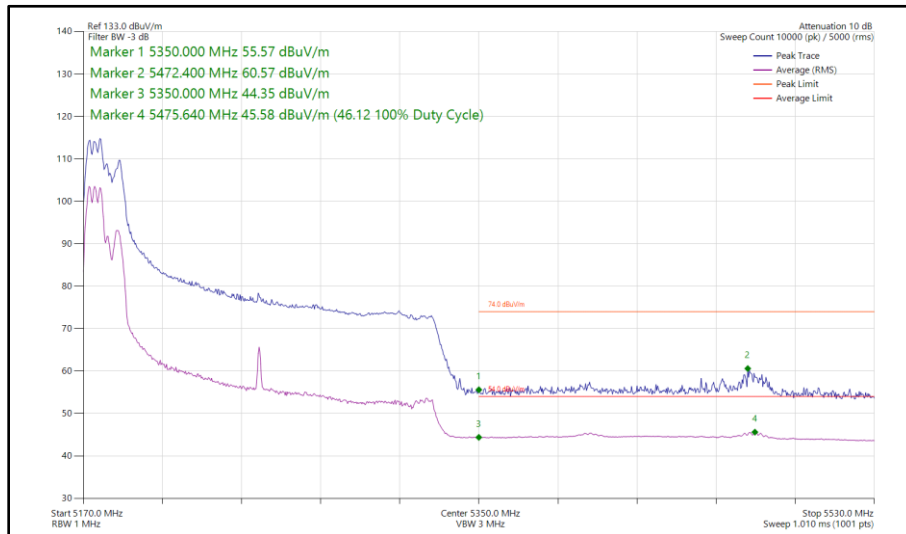


Figure 229 - 802.11ax HE160, RU 106-53P, CDD, Core 0 - Core 1 - 5250 MHz  
Band Edge Frequency 5350 MHz

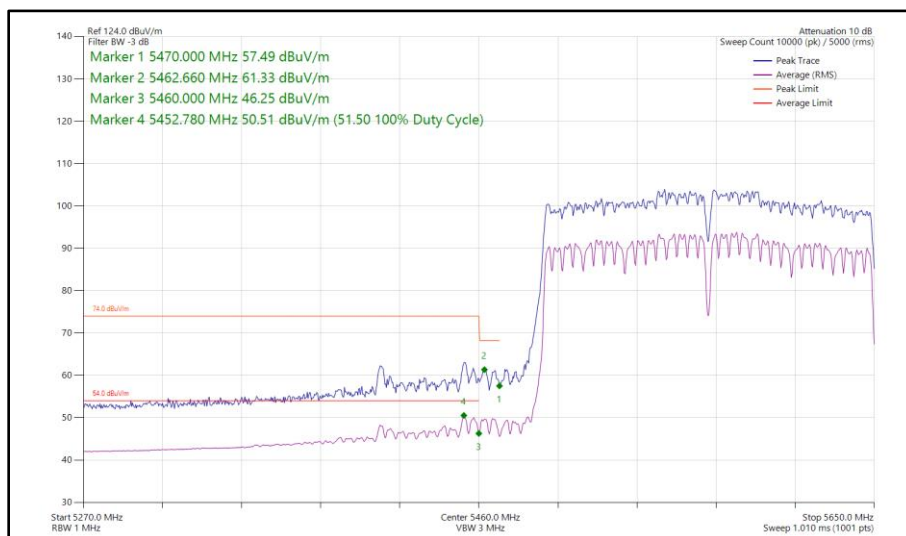
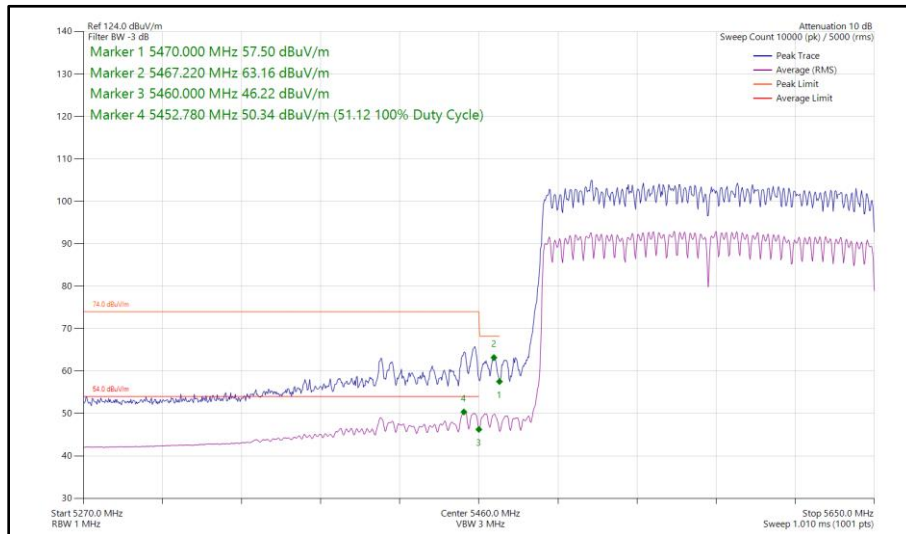
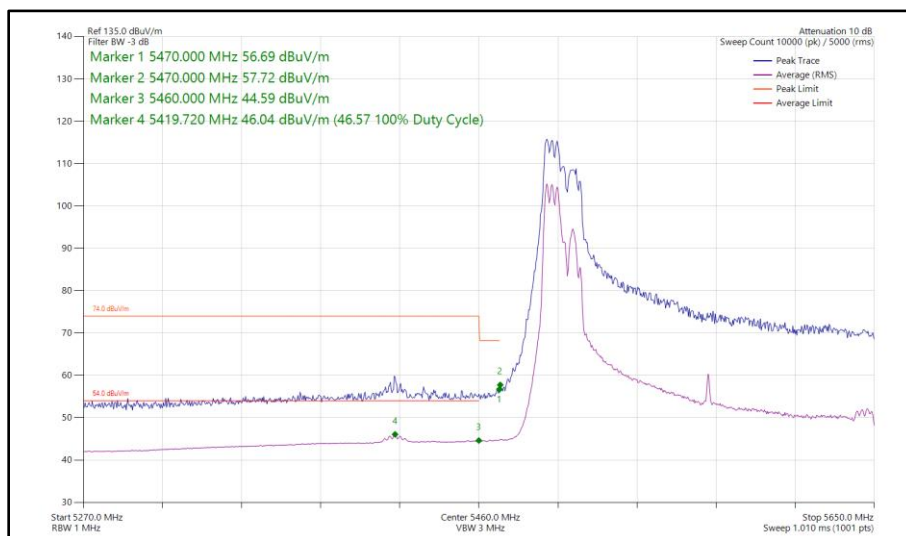


Figure 230 - 802.11ac VHT160, CDD, Core 0 - Core 1 - 5570 MHz  
Band Edge Frequency 5460 MHz





**Figure 231 - 802.11ax HE160, SU, CDD, Core 0 - Core 1 - 5570 MHz  
Band Edge Frequency 5460 MHz**



**Figure 232 - 802.11ax HE160, RU 106-53P, CDD, Core 0 - Core 1 - 5570 MHz  
Band Edge Frequency 5460 MHz**



160 MHz Bandwidth - Core 0 - Core 1 (SDM)

| Mode            | Data Rate/MCS | Resource Size | Resource Index | TX Frequency (MHz) | Band Edge Frequency (MHz) | Peak Level (dBμV/m) | Average Level (dBμV/m) |
|-----------------|---------------|---------------|----------------|--------------------|---------------------------|---------------------|------------------------|
| 802.11ac VHT160 | MCS 7x2       | -             | -              | 5250               | 5150                      | 64.06               | 51.48                  |
| 802.11ax HE160  | MCS 11x2      | SU            | -              | 5250               | 5150                      | 64.24               | 51.35                  |
| 802.11ax HE160  | MCS 11x2      | 106           | 53P            | 5250               | 5150                      | 55.97               | 43.67                  |
| 802.11ac VHT160 | MCS 7x2       | -             | -              | 5250               | 5350                      | 64.11               | 51.10                  |
| 802.11ax HE160  | MCS 11x2      | SU            | -              | 5250               | 5350                      | 64.18               | 51.20                  |
| 802.11ax HE160  | MCS 11x2      | 106           | 60S            | 5250               | 5350                      | 59.66               | 46.87                  |
| 802.11ac VHT160 | MCS 2x2       | -             | -              | 5570               | 5460                      | 60.87               | 51.07                  |
| 802.11ax HE160  | MCS 2x2       | SU            | -              | 5570               | 5460                      | 63.14               | 51.31                  |
| 802.11ax HE160  | MCS 11x2      | 106           | 53P            | 5570               | 5460                      | 56.26               | 46.06                  |

Table 25 - SDM Restricted Band Edge Results

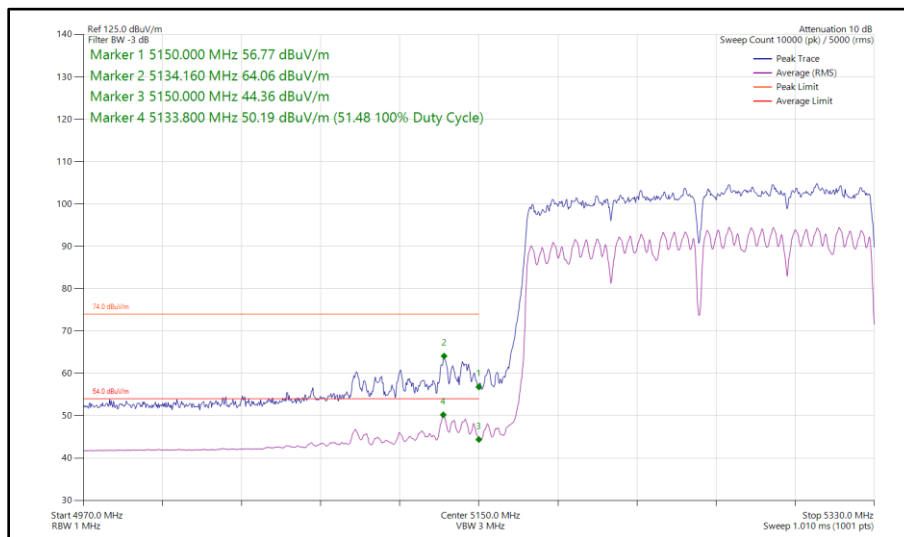
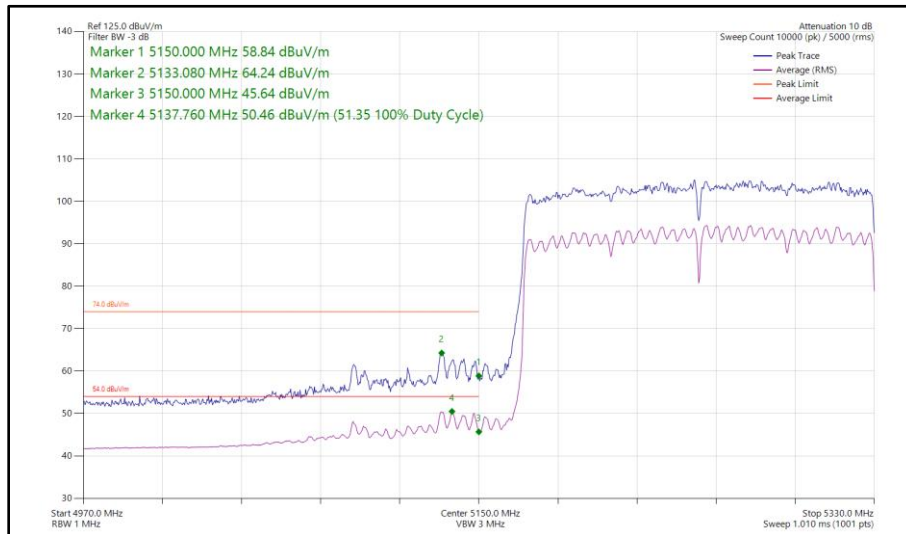
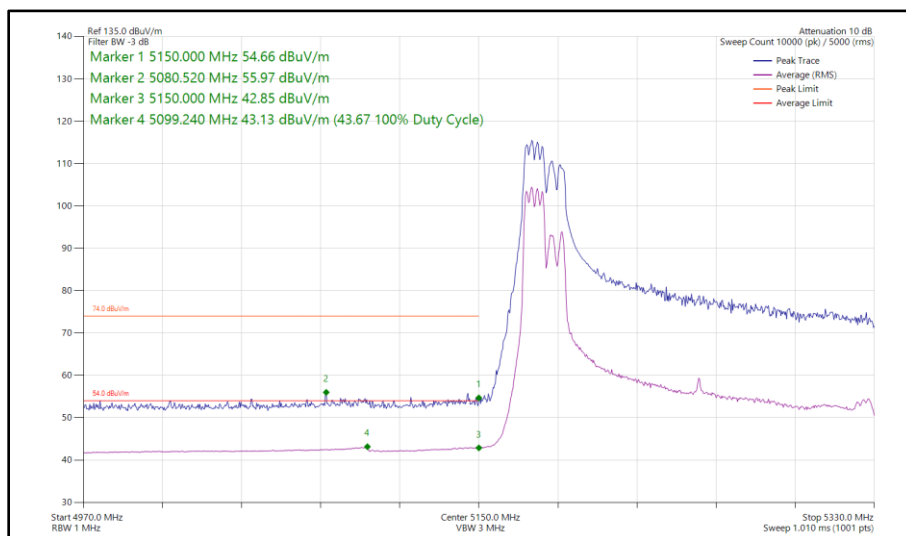


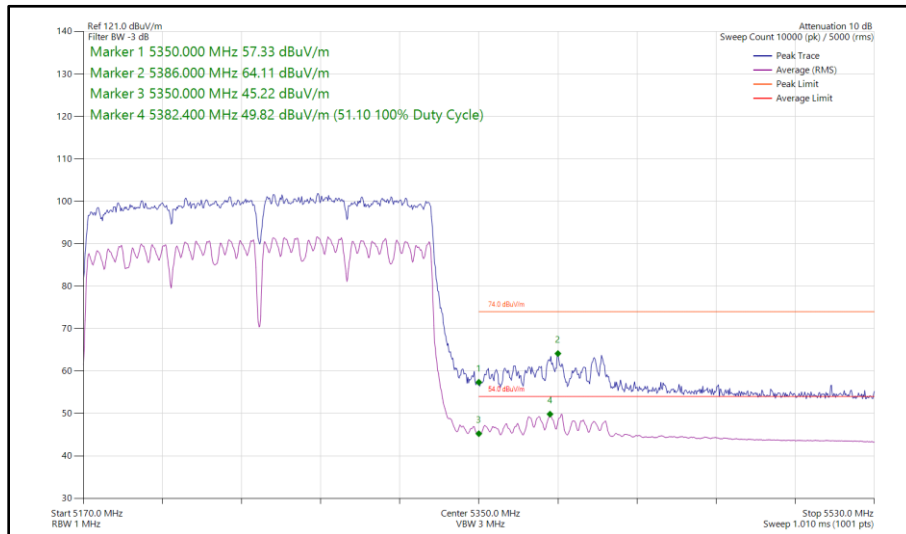
Figure 233 - 802.11ac VHT160, SDM, Core 0 - Core 1 - 5250 MHz Band Edge Frequency 5150 MHz



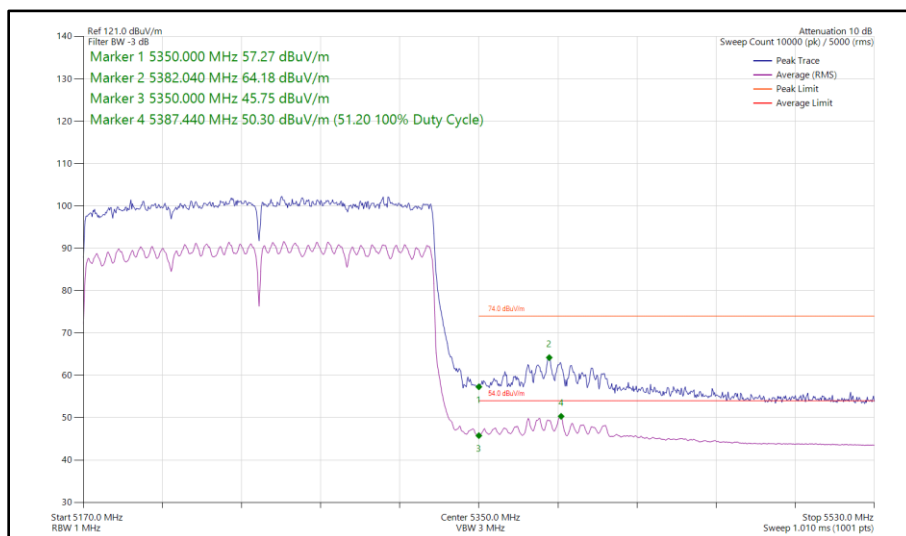
**Figure 234 - 802.11ax HE160, SU, SDM, Core 0 - Core 1 - 5250 MHz  
Band Edge Frequency 5150 MHz**



**Figure 235 - 802.11ax HE160, RU 106-53P, SDM, Core 0 - Core 1 - 5250 MHz  
Band Edge Frequency 5150 MHz**



**Figure 236 - 802.11ac VHT160, SDM, Core 0 - Core 1 - 5250 MHz  
Band Edge Frequency 5350 MHz**



**Figure 237 - 802.11ax HE160, SU, SDM, Core 0 - Core 1 - 5250 MHz  
Band Edge Frequency 5350 MHz**

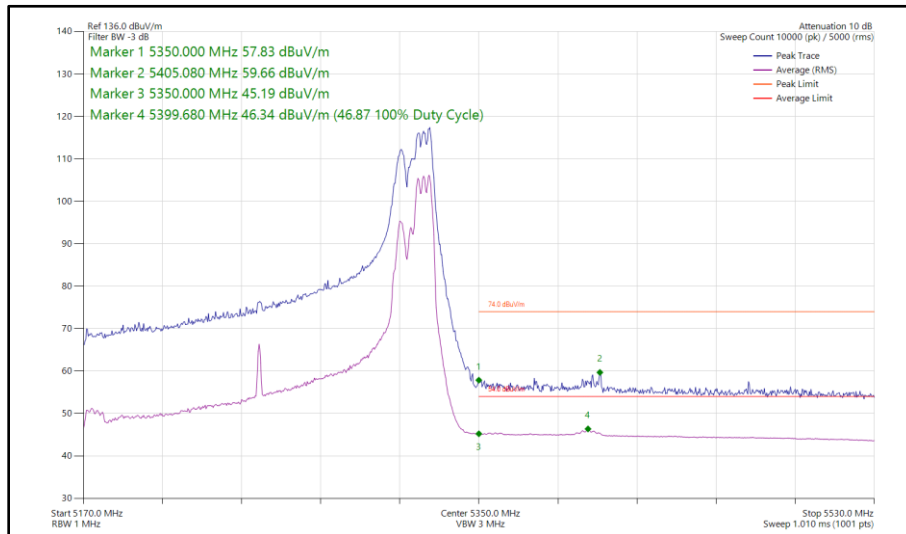


Figure 238 - 802.11ax HE160, RU 106-60S, SDM, Core 0 - Core 1 - 5250 MHz  
Band Edge Frequency 5350 MHz

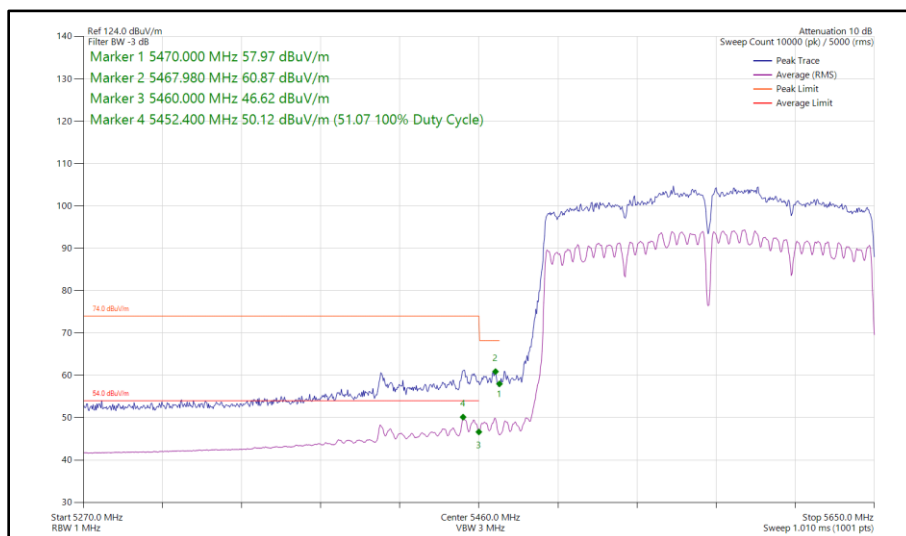
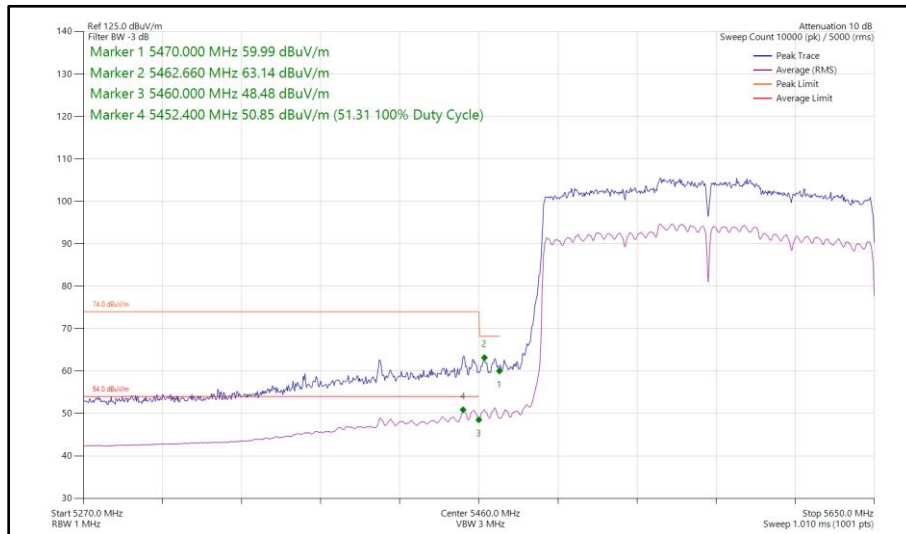
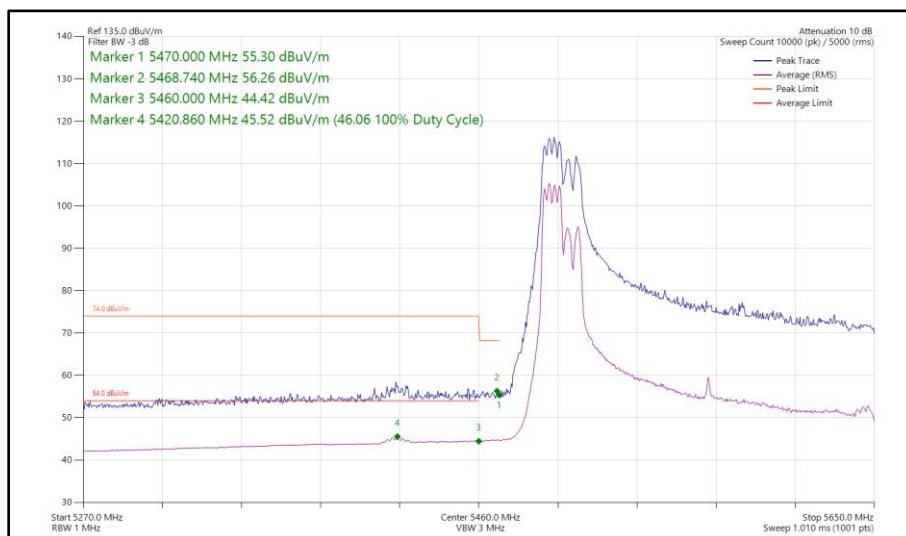


Figure 239 - 802.11ac VHT160, SDM, Core 0 - Core 1 - 5570 MHz  
Band Edge Frequency 5460 MHz



**Figure 240 - 802.11ax HE160, SU, SDM, Core 0 - Core 1 - 5570 MHz  
 Band Edge Frequency 5460 MHz**



**Figure 241 - 802.11ax HE160, RU 106-53P, SDM, Core 0 - Core 1 - 5570 MHz  
 Band Edge Frequency 5460 MHz**

FCC 47 CFR Part 15, Limit Clause 15.205

|                               | Peak (dB $\mu$ V/m) | Average (dB $\mu$ V/m) |
|-------------------------------|---------------------|------------------------|
| Restricted Bands of Operation | 74                  | 54                     |

**Table 26 - Restricted Band Edge Limit Table**



### 2.1.7 Test Location and Test Equipment Used

This test was carried out in RF Chamber 14, RF Chamber 15 and RF Chamber 16.

| Instrument                                       | Manufacturer       | Type No.             | TE No. | Calibration Period (months) | Calibration Expiry Date |
|--|--------------------|----------------------|--------|-----------------------------|-------------------------|
| Emissions Software                               | TUV SUD            | EmX V3.4.2           | 5125   | -                           | Software                |
| Cable 2.92m                                      | Junkosha           | MWX241-01000KMS      | 5413   | 12                          | 23-May-2025             |
| EMI Test Receiver                                | Rohde & Schwarz    | ESW44                | 5911   | 12                          | 11-Sep-2024             |
| Test Receiver                                    | Rohde & Schwarz    | ESW44                | 5914   | 12                          | 24-May-2025             |
| 1500W (300V 12A) AC Power Supply                 | iTech              | IT7324               | 5955   | -                           | O/P Mon                 |
| 1500W (300V 12A) AC Power Supply                 | iTech              | IT7324               | 5956   | -                           | O/P Mon                 |
| 1500W (300V 12A) AC Power Supply                 | iTech              | IT7324               | 5957   | -                           | O/P Mon                 |
| 5m Semi-Anechoic Chamber (Dual-Axis)             | Albatross Projects | RF Chamber 14        | 5958   | 36                          | 26-Apr-2025             |
| Compact Antenna Mast                             | Maturo Gmbh        | CAM4.0-P             | 5959   | -                           | TU                      |
| Mast & Turntable Controller                      | Maturo Gmbh        | FCU3.0               | 5960   | -                           | TU                      |
| Tilt Antenna Mast                                | Maturo Gmbh        | BAM4.5-P             | 5961   | -                           | TU                      |
| Turntable  | Maturo Gmbh        | TT1.5SI              | 5962   | -                           | TU                      |
| 5m Semi-Anechoic Chamber (Dual-Axis), Chamber 15 | Albatross Projects | RF Chamber 15        | 5963   | 36                          | 28-Apr-2025             |
| Compact Antenna Mast                             | Maturo Gmbh        | CAM4.0-P             | 5964   | -                           | TU                      |
| Mast & Turntable Controller                      | Maturo Gmbh        | FCU3.0               | 5966   | -                           | TU                      |
| Tilt Antenna Mast                                | Maturo Gmbh        | BAM4.5-P             | 5967   | -                           | TU                      |
| Turntable  | Maturo Gmbh        | TT1.5SI              | 5968   | -                           | TU                      |
| 3m Semi-Anechoic Chamber, Chamber16              | Albatross Projects | RF Chamber 16        | 5972   | 36                          | 24-May-2025             |
| Mast & Turntable Controller                      | Maturo Gmbh        | FCU3.0               | 5973   | -                           | TU                      |
| Tilt Antenna Mast                                | Maturo Gmbh        | BAM4.5-P             | 5974   | -                           | TU                      |
| Turntable  | Maturo Gmbh        | TT1.5SI              | 5975   | -                           | TU                      |
| Cable (SMA to SMA 1m)                            | Junkosha           | MWX221-01000AMSAMS/A | 5997   | 12                          | 14-Sep-2024             |
| Cable (N to N 1m)                                | Junkosha           | MWX221-01000NMSNMS/B | 5999   | 12                          | 20-May-2025             |
| Cable (N to N 7m)                                | Junkosha           | MWX221-07000NMSNMS/B | 6005   | 12                          | 20-May-2025             |
| Cable (SMA to SMA 1m)                            | Junkosha           | MWX221-01000AMSAMS/A | 6007   | 12                          | 20-May-2025             |
| Cable (SMA to SMA 6.5m)                          | Junkosha           | MWX221-06500AMSAMS/B | 6014   | 12                          | 24-Aug-2024*            |
| Horn Antenna (1-10 GHz)                          | Schwarzbeck        | BBHA9120B            | 6140   | 12                          | 05-May-2025             |
| Horn Antenna (1-10 GHz)                          | Schwarzbeck        | BBHA9120B            | 6141   | 12                          | 05-May-2025             |
| Horn Antenna (1-10 GHz)                          | Schwarzbeck        | BBHA9120B            | 6142   | 12                          | 05-May-2025             |



| Instrument                     | Manufacturer    | Type No.             | TE No. | Calibration Period (months) | Calibration Expiry Date |
|--------------------------------|-----------------|----------------------|--------|-----------------------------|-------------------------|
| Digital Multimeter             | Fluke           | 115                  | 6145   | 12                          | 06-Jun-2025             |
| Digital Multimeter             | Fluke           | 115                  | 6146   | 12                          | 06-Jun-2025             |
| Digital Multimeter             | Fluke           | 115                  | 6147   | 12                          | 06-Jun-2025             |
| SAC Switch Unit                | TUV SUD         | TUV_SSU_001          | 6190   | 12                          | 22-Dec-2024             |
| SAC Switch Unit                | TUV SUD         | TUV_SSU_001          | 6191   | 12                          | 18-Dec-2024             |
| EMI Test Receiver              | Rohde & Schwarz | ESW44                | 6294   | 12                          | 06-Jan-2025             |
| Humidity and Temperature Meter | R.S Components  | 1364                 | 6346   | 12                          | 06-Mar-2025             |
| Humidity & Temperature meter   | R.S Components  | 1364                 | 6348   | 12                          | 06-Mar-2025             |
| SAC Switch Unit                | TUV SUD         | TUV_SSU_004 PLC      | 6349   | 12                          | 07-May-2025             |
| Humidity and Temperature Meter | R.S Components  | 1364                 | 6486   | 12                          | 04-Jun-2025             |
| 1m Cable                       | Junkosha        | MWX241-01000AMSAMS/B | 6740   | 12                          | 01-Feb-2025             |
| 1m Cable                       | Junkosha        | MWX241-01000AMSAMS/B | 6741   | 12                          | 01-Feb-2025             |
| 6.5m Cable                     | Junkosha        | MWX221-06500AMSAMS/B | 6744   | 12                          | 01-Feb-2025             |

**Table 27**

TU - Traceability Unscheduled  
 O/P Mon - Output Monitored using calibrated equipment

\*NOTE: Only used within calibration period.





## **2.2 Emission Bandwidth**

### **2.2.1 Specification Reference**

FCC 47 CFR Part 15E, Clause 15.407 (a)

### **2.2.2 Equipment Under Test and Modification State**

A3185, S/N: GRJJT9QH7L - Modification State 0  
A3185, S/N: GHGG6N440H - Modification State 0  
A3185, S/N: LWNTX4WX76 - Modification State 0

### **2.2.3 Date of Test**

04-September-2024 to 19-September-2024

### **2.2.4 Test Method**

The test was performed in accordance with ANSI C63.10 2020 clause 12.5.1 for 6 dB bandwidth, clause 12.5.2 for 26 dB bandwidth, and clause 12.5.3 for 99% occupied bandwidth measurements.

For modes of operation using multiple cores, measurements were made on each core but only the worst-case results are reported. Worst case was considered as the narrowest results for 6 dB bandwidth and the widest result for 26 dB bandwidth and 99% occupied bandwidth.

### **2.2.5 Environmental Conditions**

|                     |                |
|---------------------|----------------|
| Ambient Temperature | 21.2 - 22.5 °C |
| Relative Humidity   | 51.8 - 58.2 %  |



2.2.6 Test Results

5 GHz WLAN

SISO

| Protocol          | 26 dB Bandwidth (MHz) |         |
|-------------------|-----------------------|---------|
|                   | Minimum               | Maximum |
| 802.11a           | 20.760                | 21.540  |
| 802.11n HT20      | 21.000                | 22.860  |
| 802.11n HT40      | 41.520                | 48.000  |
| 802.11ac VHT80    | 84.040                | 93.060  |
| 802.11ac VHT160   | 165.900               | 165.900 |
| 802.11ax HE20 SU  | 20.940                | 24.660  |
| 802.11ax HE40 SU  | 41.640                | 44.280  |
| 802.11ax HE80 SU  | 83.600                | 90.640  |
| 802.11ax HE160 SU | 165.900               | 165.900 |

Table 28 - 26 dB Bandwidth Summary Results - SISO

| Protocol         | 6 dB Bandwidth (MHz) |         |
|------------------|----------------------|---------|
|                  | Minimum              | Maximum |
| 802.11a          | 16.020               | 16.440  |
| 802.11n HT20     | 17.460               | 17.640  |
| 802.11n HT40     | 35.640               | 36.120  |
| 802.11ac VHT80   | 75.900               | 75.900  |
| 802.11ax HE20 SU | 18.960               | 19.020  |
| 802.11ax HE40 SU | 37.920               | 38.160  |
| 802.11ax HE80 SU | 77.440               | 77.440  |

Table 29 - 6 dB Bandwidth Summary Results - SISO

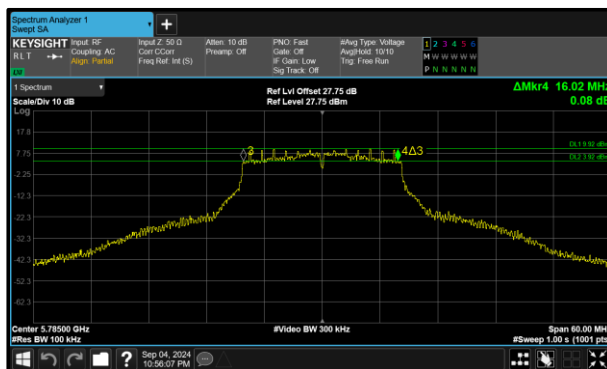


Figure 242 - 802.11a Minimum 6 dB EBW

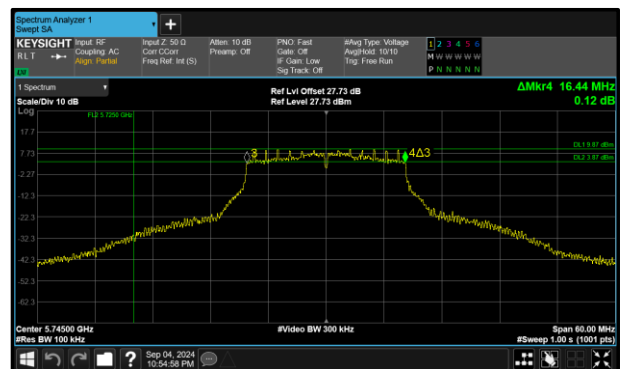


Figure 243 - 802.11a Maximum 6 dB EBW

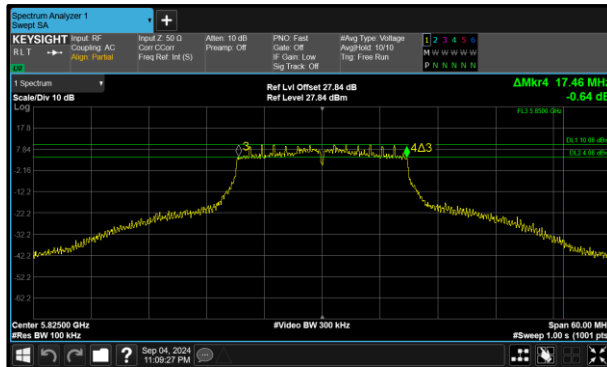


Figure 244 - 802.11n HT20 Minimum 6 dB EBW

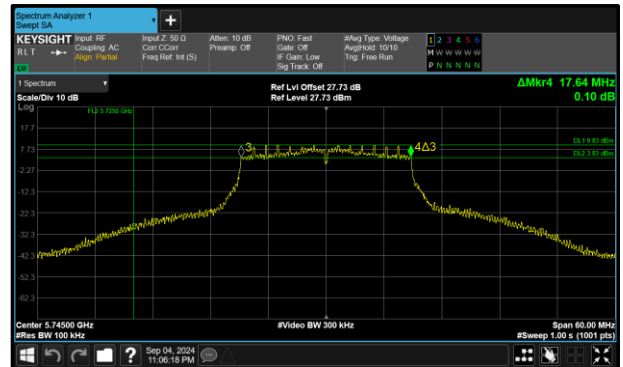


Figure 245 - 802.11n HT20 Maximum 6 dB EBW

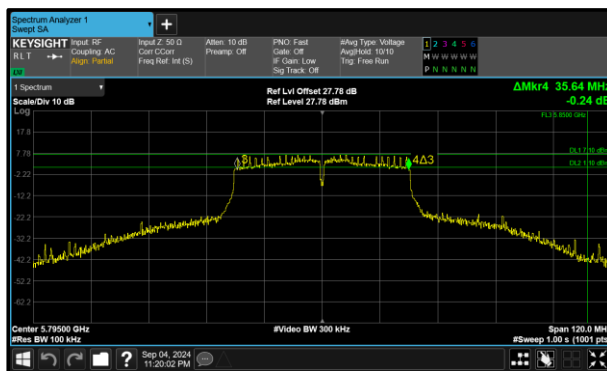


Figure 246 - 802.11n HT40 Minimum 6 dB EBW

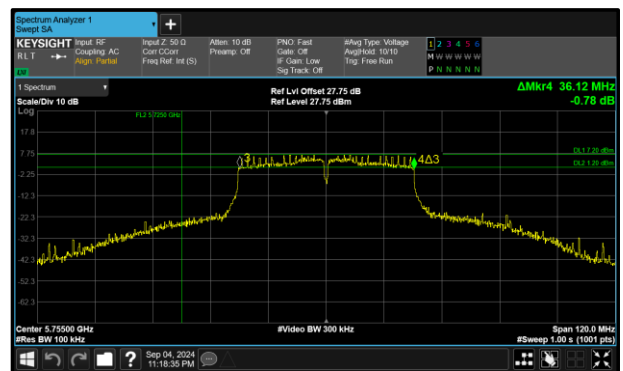


Figure 247 - 802.11n HT40 Maximum 6 dB EBW

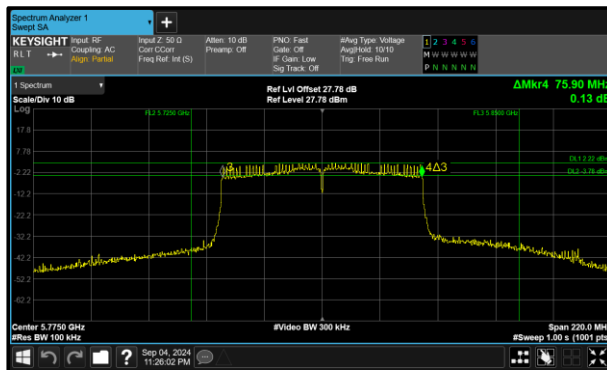


Figure 248 - 802.11ac VHT80 Minimum 6 dB EBW

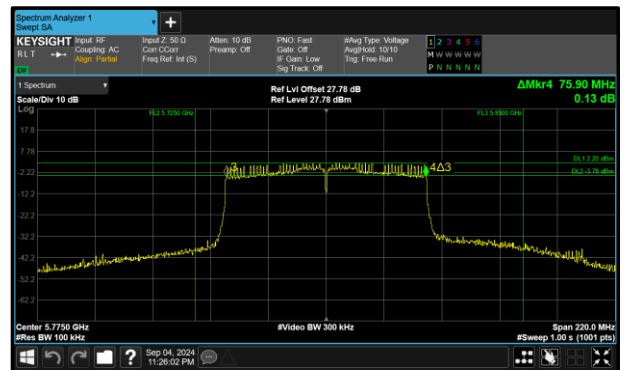


Figure 249 - 802.11ac VHT80 Maximum 6 dB EBW

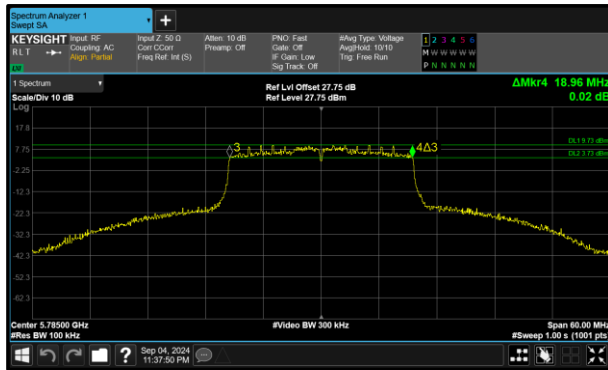


Figure 250 - 802.11ax HE20 SU Minimum 6 dB EBW

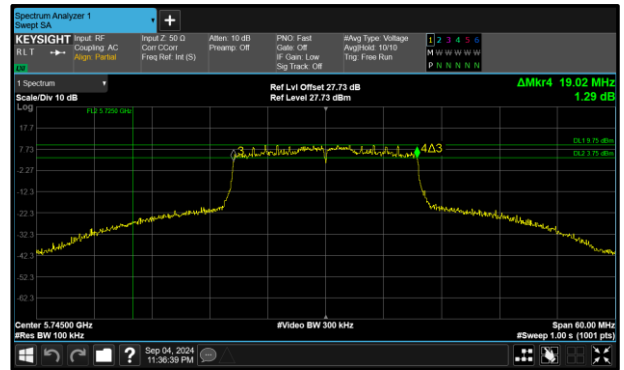


Figure 251 - 802.11ax HE20 SU Maximum 6 dB EBW

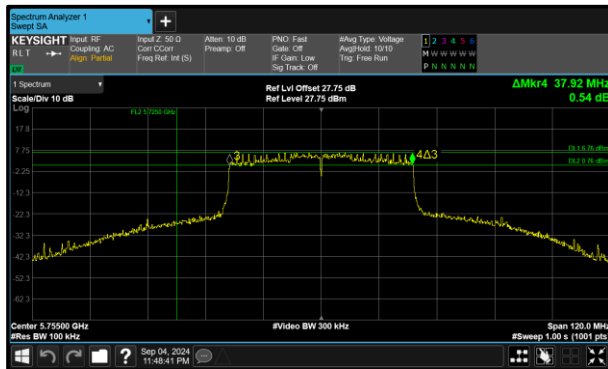


Figure 252 - 802.11ax HE40 SU Minimum 6 dB EBW

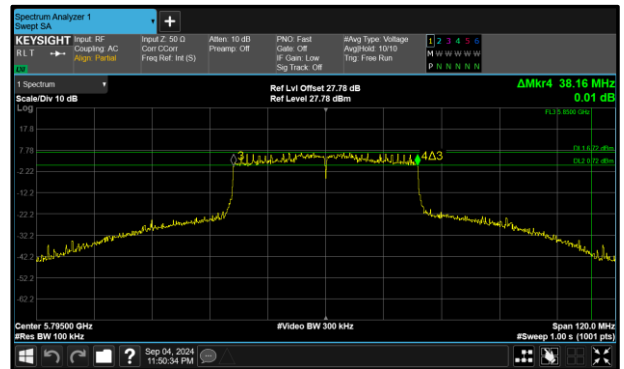


Figure 253 - 802.11ax HE40 SU Maximum 6 dB EBW

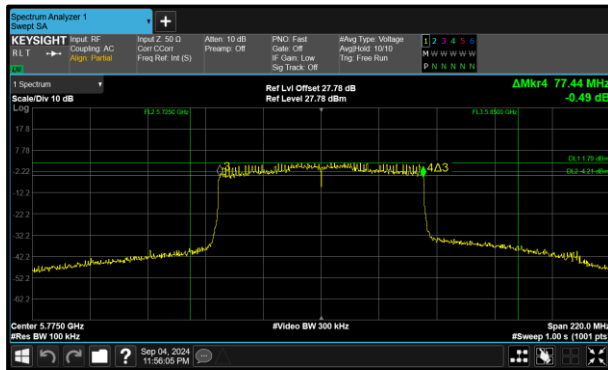


Figure 254 - 802.11ax HE80 SU Minimum 6 dB EBW

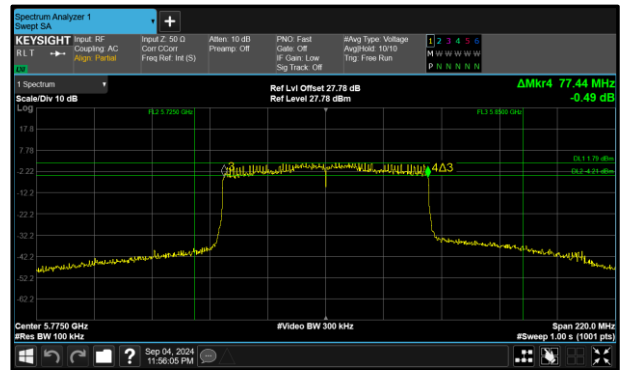


Figure 255 - 802.11ax HE80 SU Maximum 6 dB EBW



| Protocol          | 99% Bandwidth (MHz) |         |
|-------------------|---------------------|---------|
|                   | Minimum             | Maximum |
| 802.11a           | 16.500              | 16.620  |
| 802.11n HT20      | 17.640              | 17.820  |
| 802.11n HT40      | 36.360              | 36.720  |
| 802.11ac VHT80    | 75.460              | 75.900  |
| 802.11ac VHT160   | 154.140             | 154.140 |
| 802.11ax HE20 SU  | 18.900              | 19.020  |
| 802.11ax HE40 SU  | 37.800              | 37.920  |
| 802.11ax HE80 SU  | 76.780              | 77.000  |
| 802.11ax HE160 SU | 155.820             | 155.820 |

Table 30 - 99% Bandwidth Summary Results - SISO

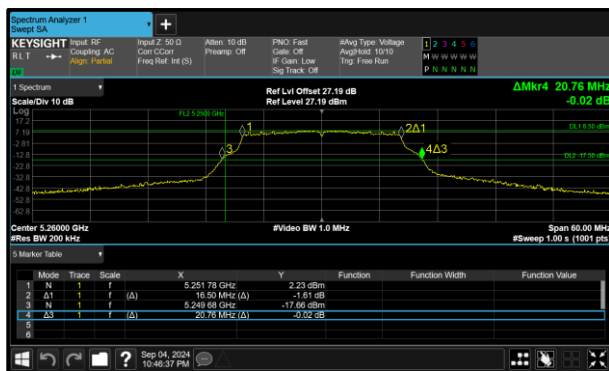


Figure 256 - 802.11a Minimum 99% OBW

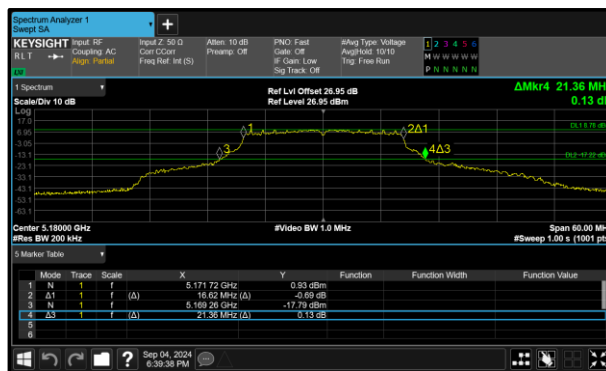


Figure 257 - 802.11a Maximum 99% OBW

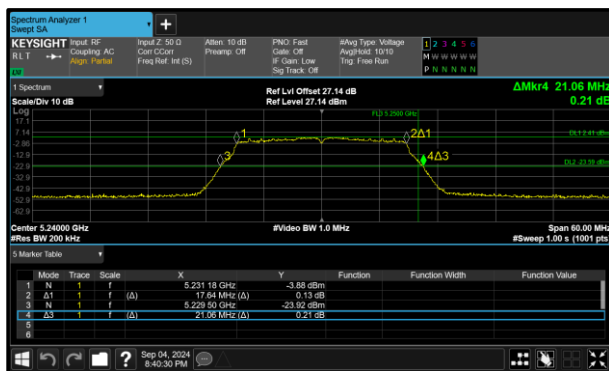


Figure 258 - 802.11n HT20 Minimum 99% OBW



Figure 259 - 802.11n HT20 Maximum 99% OBW