



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

| Mode          | Data Rate/<br>MCS | Resource<br>Size | Resource<br>Index | TX<br>Frequency<br>(MHz) | Band Edge<br>Frequency<br>(MHz) | Peak Level<br>(dBμV/m) | Average<br>Level<br>(dBμV/m) |
|---------------|-------------------|------------------|-------------------|--------------------------|---------------------------------|------------------------|------------------------------|
| 802.11ax HE80 | MCS 4x2           | SU               | -                 | 5985                     | 5925                            | 79.80                  | 65.62                        |
| 802.11ax HE80 | MCS 11x2          | 106              | 53                | 5985                     | 5925                            | 61.09                  | 48.99                        |
| 802.11ax HE80 | MCS 11x2          | SU               | -                 | 6065                     | 5925                            | 72.79                  | 59.10                        |
| 802.11ax HE80 | MCS 11x2          | SU               | -                 | 6945                     | 7125                            | 63.67                  | 50.52                        |
| 802.11ax HE80 | MCS 4x2           | SU               | -                 | 7025                     | 7125                            | 79.29                  | 65.54                        |
| 802.11ax HE80 | MCS 11x2          | 106              | 53                | 7025                     | 7125                            | 64.99                  | 49.92                        |

Table 586 - SDM Authorised Band Edge Results

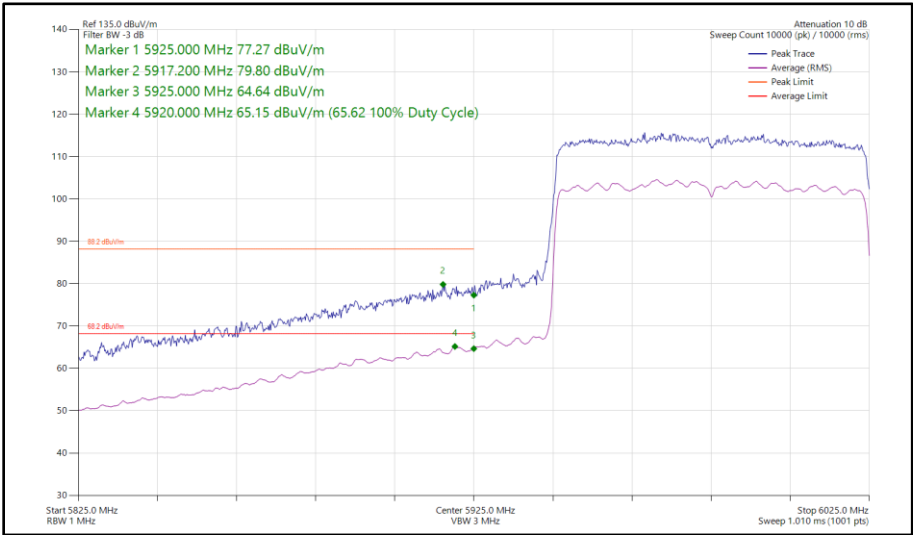


Figure 244 - 802.11ax HE80, SU, SDM, Core 0 - Core 1 - 5985 MHz  
Band Edge Frequency 5925 MHz

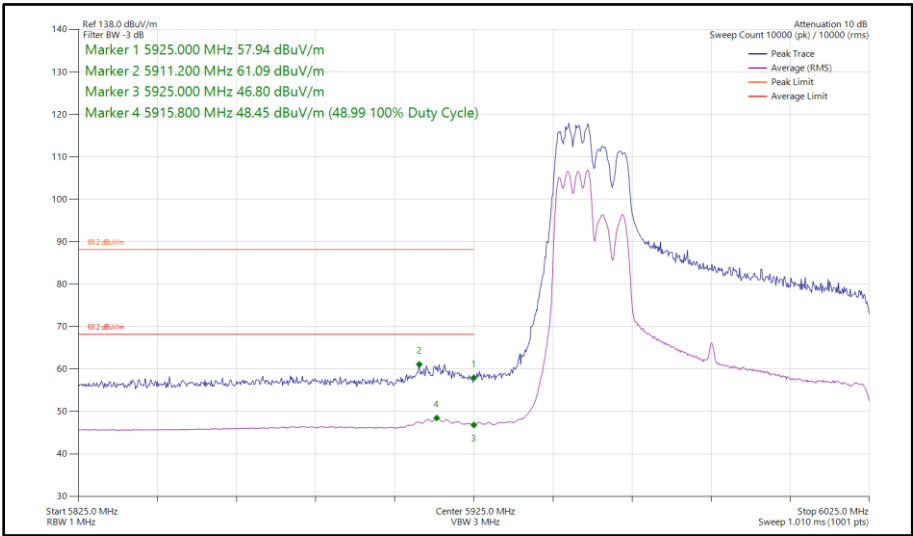




Figure 245 - 802.11ax HE80, RU 106-53, SDM, Core 0 - Core 1 - 5985 MHz  
Band Edge Frequency 5925 MHz

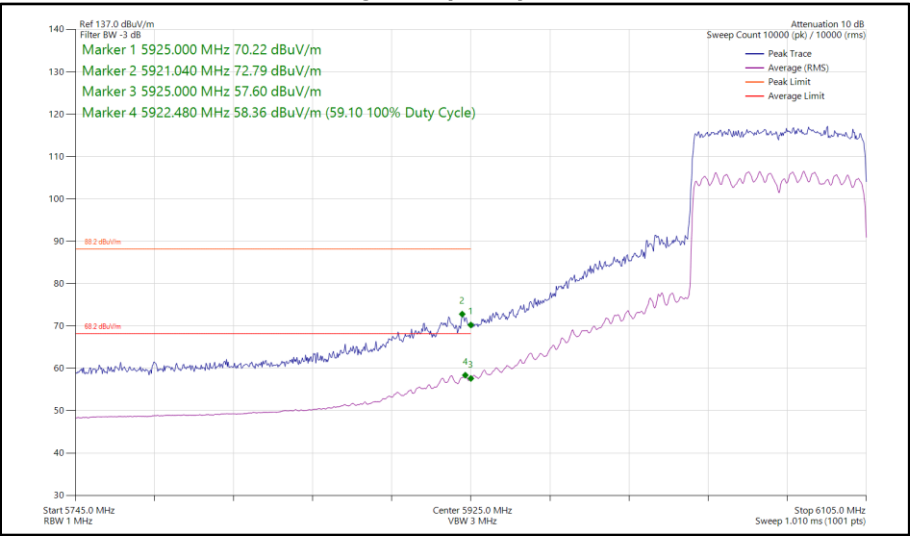


Figure 246 - 802.11ax HE80, SU, SDM, Core 0 - Core 1 - 6065 MHz  
Band Edge Frequency 5925 MHz

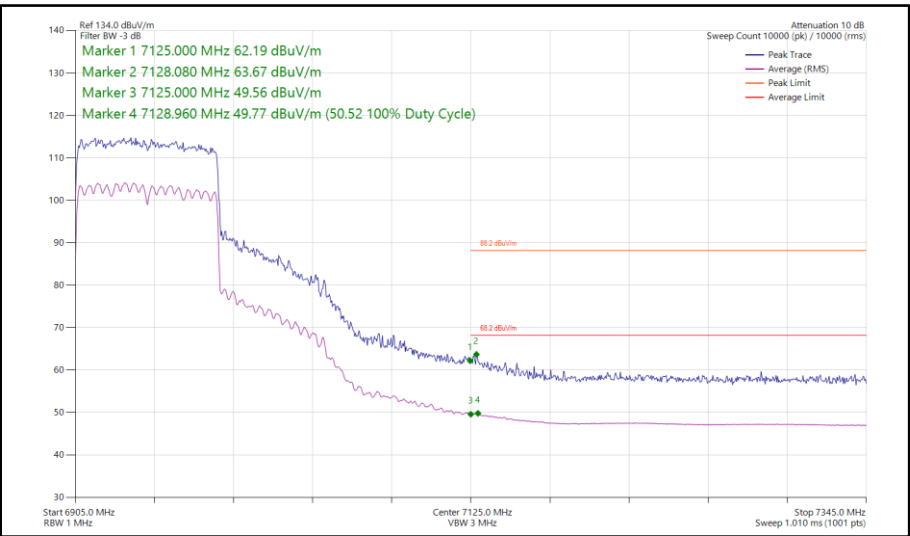


Figure 247 - 802.11ax HE80, SU, SDM, Core 0 - Core 1 - 6945 MHz  
Band Edge Frequency 7125 MHz

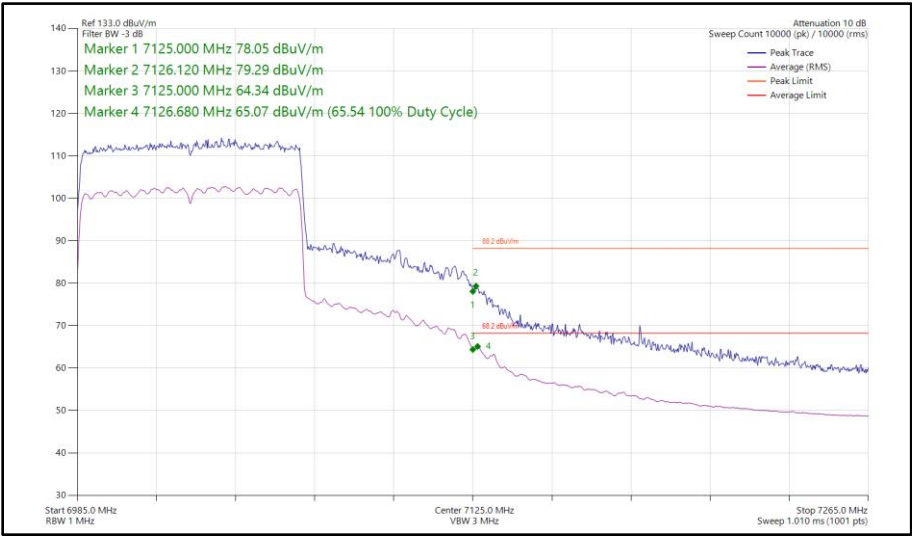


Figure 248 - 802.11ax HE80, SU, SDM, Core 0 - Core 1 - 7025 MHz  
Band Edge Frequency 7125 MHz

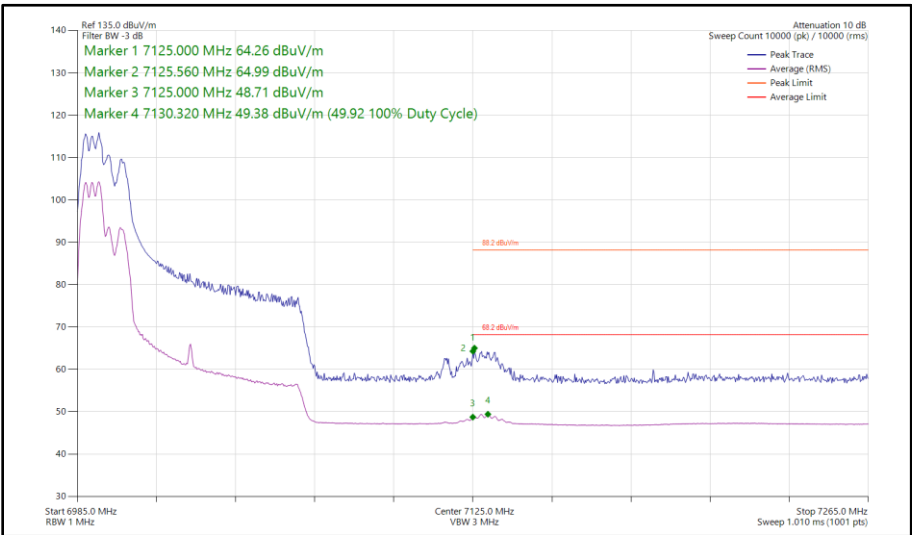


Figure 249 - 802.11ax HE80, RU 106-53, SDM, Core 0 - Core 1 - 7025 MHz  
Band Edge Frequency 7125 MHz



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

| Mode          | Data Rate/<br>MCS | Resource<br>Size | Resource<br>Index | TX<br>Frequency<br>(MHz) | Band Edge<br>Frequency<br>(MHz) | Peak Level<br>(dBμV/m) | Average<br>Level<br>(dBμV/m) |
|---------------|-------------------|------------------|-------------------|--------------------------|---------------------------------|------------------------|------------------------------|
| 802.11ax HE80 | MCS 2x1           | SU               | -                 | 5985                     | 5925                            | 78.83                  | 65.23                        |
| 802.11ax HE80 | MCS 11x1          | SU               | -                 | 6065                     | 5925                            | 70.31                  | 51.82                        |
| 802.11ax HE80 | MCS 11x1          | SU               | -                 | 6945                     | 7125                            | 61.23                  | 47.66                        |
| 802.11ax HE80 | MCS 4x1           | SU               | -                 | 7025                     | 7125                            | 83.16                  | 65.57                        |

Table 587 - TxBF Authorised Band Edge Results

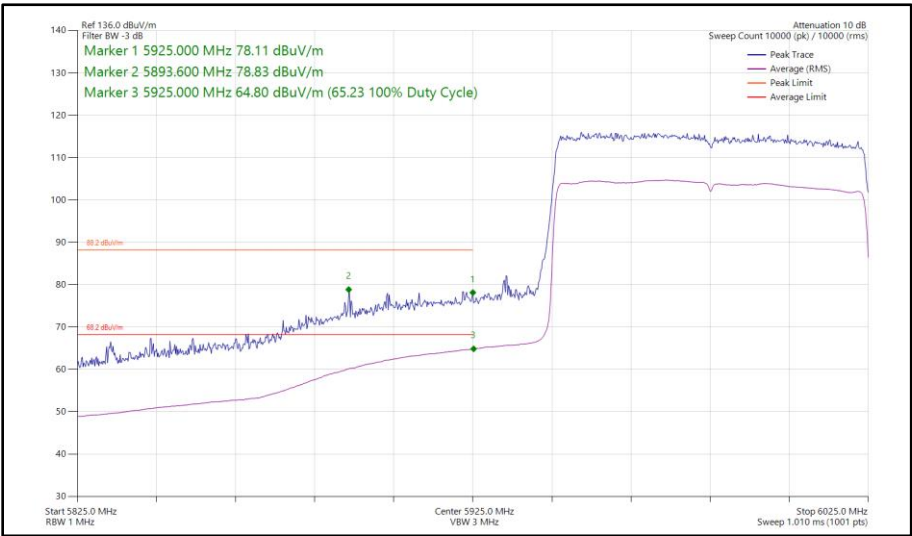


Figure 250 - 802.11ax HE80, SU, TxBF, Core 0 - Core 1 - 5985 MHz  
Band Edge Frequency 5925 MHz

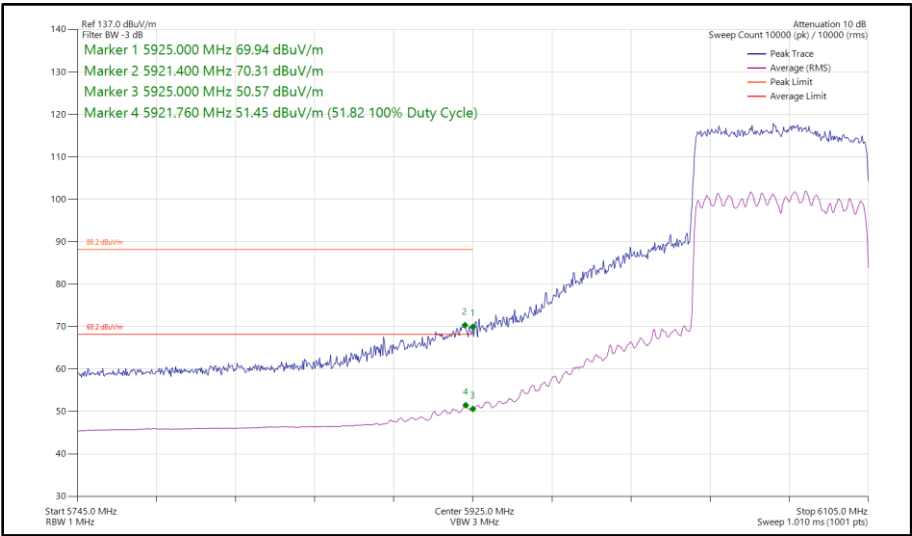


Figure 251 - 802.11ax HE80, SU, TxBF, Core 0 - Core 1 - 6065 MHz  
Band Edge Frequency 5925 MHz

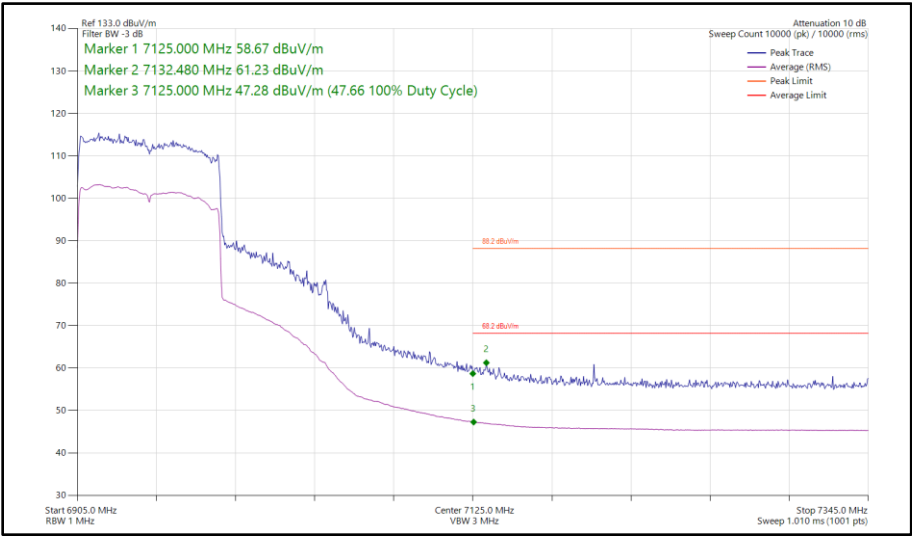


Figure 252 - 802.11ax HE80, SU, TxBF, Core 0 - Core 1 - 6945 MHz  
Band Edge Frequency 7125 MHz

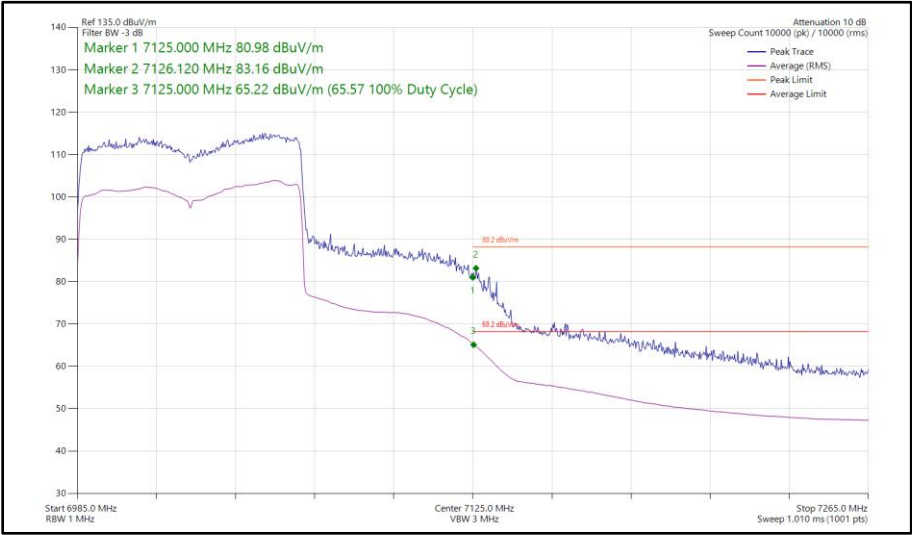


Figure 253 - 802.11ax HE80, SU, TxBF, Core 0 - Core 1 - 7025 MHz  
Band Edge Frequency 7125 MHz



160 MHz Bandwidth - Core 0 (SISO)

| Mode           | Data Rate/<br>MCS | Resource<br>Size | Resource<br>Index | TX<br>Frequency<br>(MHz) | Band Edge<br>Frequency<br>(MHz) | Peak Level<br>(dBμV/m) | Average<br>Level<br>(dBμV/m) |
|----------------|-------------------|------------------|-------------------|--------------------------|---------------------------------|------------------------|------------------------------|
| 802.11ax HE160 | MCS 11x1          | SU               | -                 | 6025                     | 5925                            | 79.90                  | 65.60                        |
| 802.11ax HE160 | MCS 11x1          | 26               | 0P                | 6025                     | 5925                            | 62.76                  | 48.35                        |
| 802.11ax HE160 | MCS 11x1          | SU               | -                 | 6185                     | 5925                            | 68.48                  | 55.78                        |
| 802.11ax HE160 | MCS 11x1          | SU               | -                 | 6825                     | 7125                            | 66.56                  | 53.31                        |
| 802.11ax HE160 | MCS 4x1           | SU               | -                 | 6985                     | 7125                            | 78.24                  | 65.17                        |
| 802.11ax HE160 | MCS 11x1          | 106              | 60S               | 6985                     | 7125                            | 60.16                  | 48.58                        |

Table 588 - SISO Authorised Band Edge Results

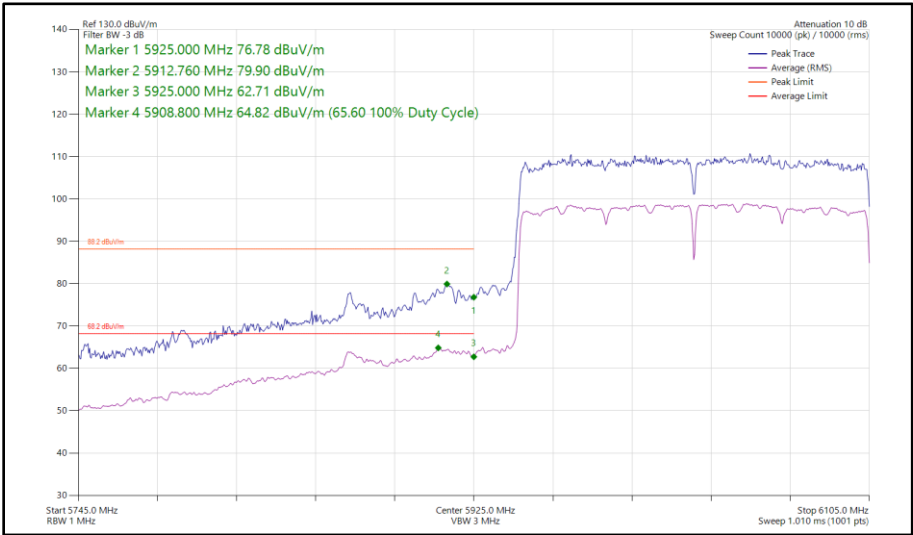


Figure 254 - 802.11ax HE160, SU, SISO, Core 0 - 6025 MHz  
Band Edge Frequency 5925 MHz

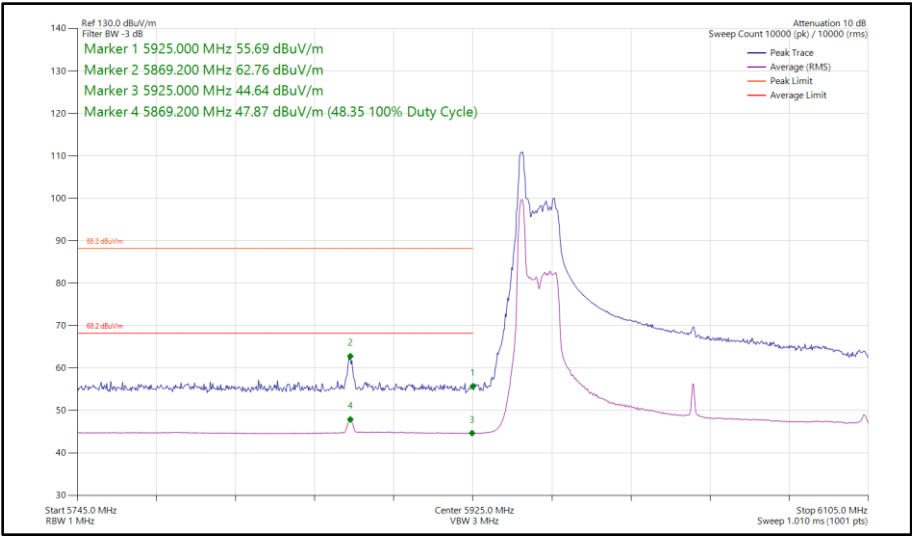


Figure 255 - 802.11ax HE160, RU 26-0P, SISO, Core 0 - 6025 MHz  
Band Edge Frequency 5925 MHz

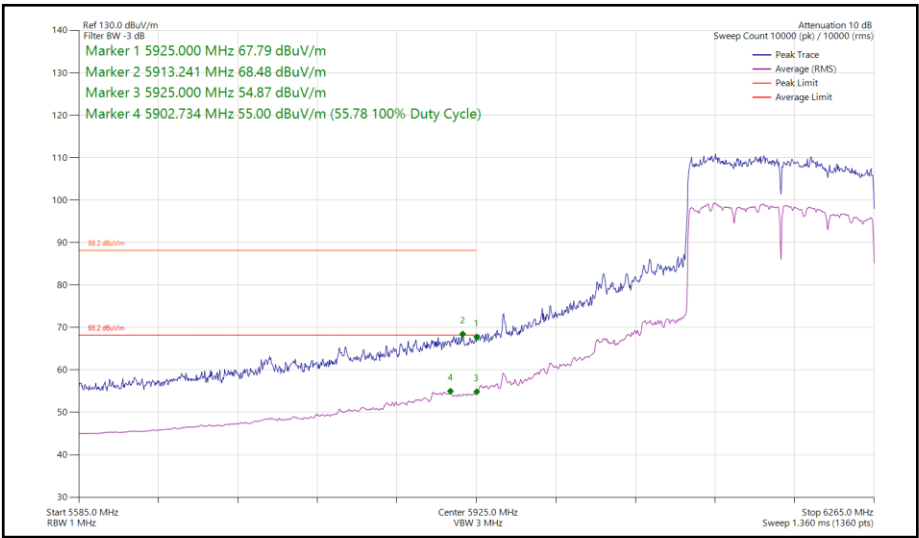


Figure 256 - 802.11ax HE160, SU, SISO, Core 0 - 6185 MHz  
Band Edge Frequency 5925 MHz

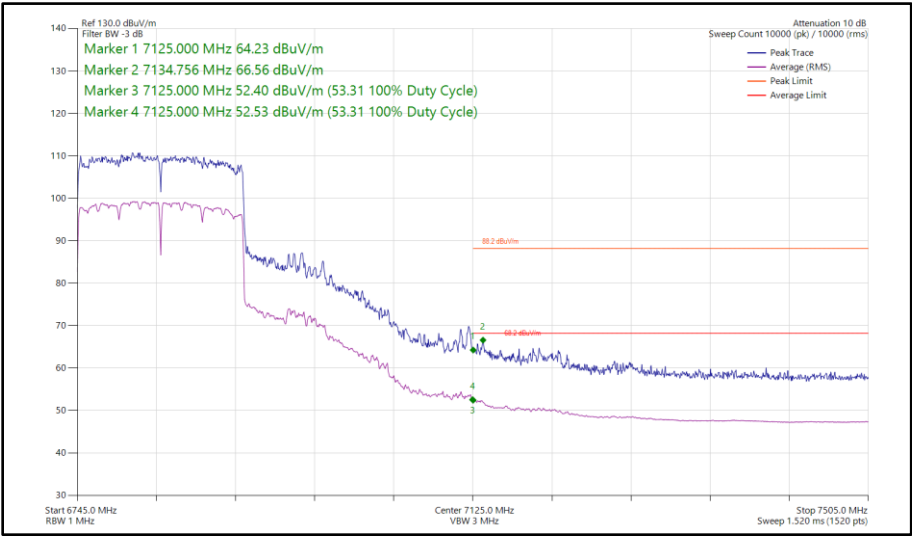


Figure 257 - 802.11ax HE160, SU, SISO, Core 0 - 6825 MHz  
Band Edge Frequency 7125 MHz

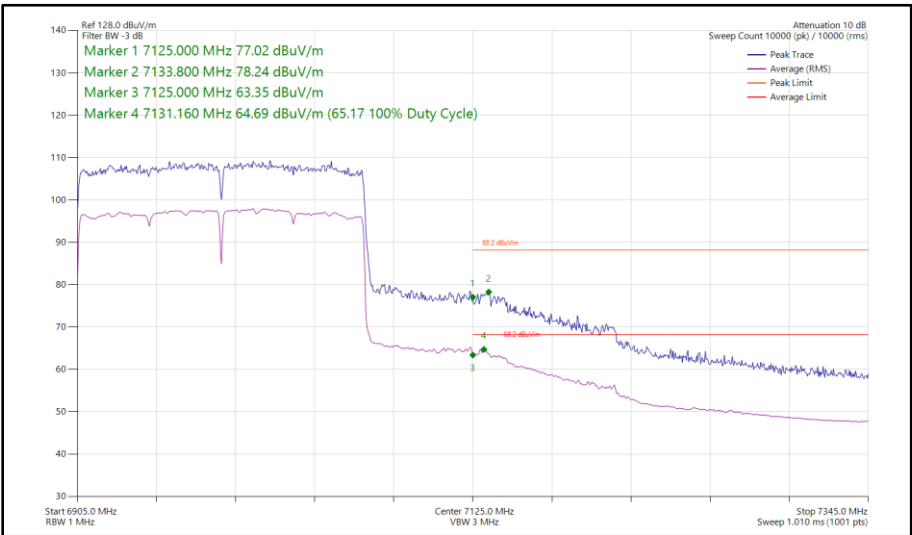


Figure 258 - 802.11ax HE160, SU, SISO, Core 0 - 6985 MHz  
Band Edge Frequency 7125 MHz



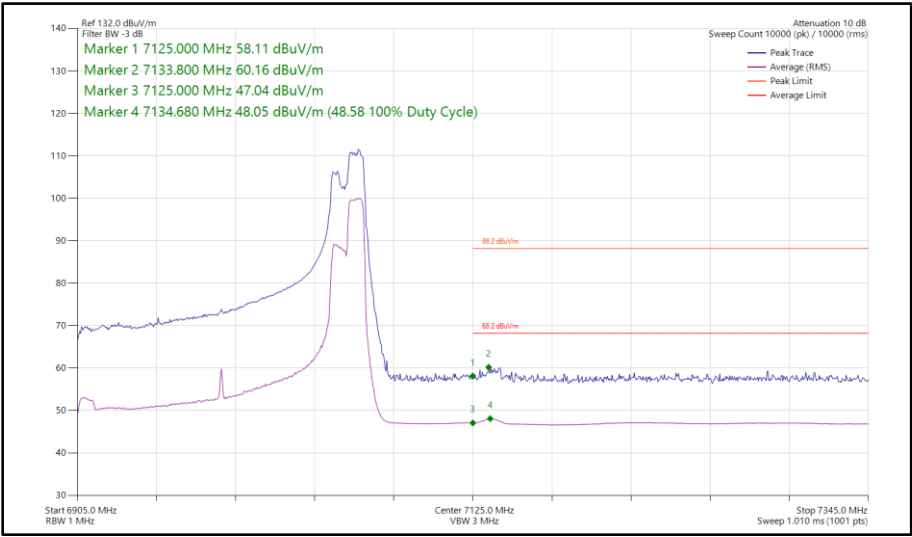


Figure 259 - 802.11ax HE160, RU 106-60S, SISO, Core 0 - 6985 MHz  
Band Edge Frequency 7125 MHz



160 MHz Bandwidth - Core 1 (SISO)

| Mode           | Data Rate/<br>MCS | Resource<br>Size | Resource<br>Index | TX<br>Frequency<br>(MHz) | Band Edge<br>Frequency<br>(MHz) | Peak Level<br>(dBμV/m) | Average<br>Level<br>(dBμV/m) |
|----------------|-------------------|------------------|-------------------|--------------------------|---------------------------------|------------------------|------------------------------|
| 802.11ax HE160 | MCS 2x1           | SU               | -                 | 6025                     | 5925                            | 77.51                  | 65.51                        |
| 802.11ax HE160 | MCS 11x1          | 106              | 60S               | 6025                     | 5925                            | 59.19                  | 45.81                        |
| 802.11ax HE160 | MCS 11x1          | SU               | -                 | 6185                     | 5925                            | 68.71                  | 55.43                        |
| 802.11ax HE160 | MCS 11x1          | SU               | -                 | 6825                     | 7125                            | 68.72                  | 55.32                        |
| 802.11ax HE160 | MCS 4x1           | SU               | -                 | 6985                     | 7125                            | 78.56                  | 65.46                        |
| 802.11ax HE160 | MCS 11x1          | 52               | 37P               | 6985                     | 7125                            | 61.38                  | 48.27                        |

Table 589 - SISO Authorised Band Edge Results

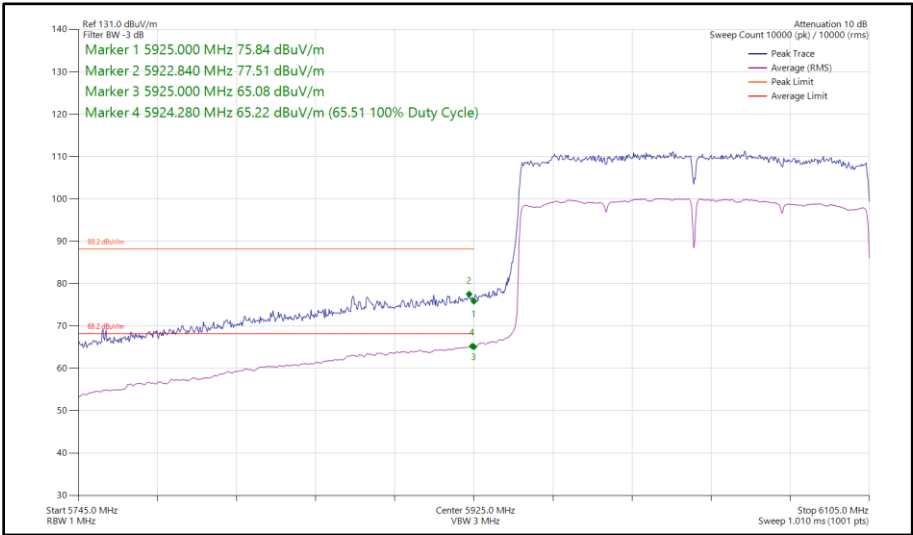


Figure 260 - 802.11ax HE160, SU, SISO, Core 1 - 6025 MHz  
Band Edge Frequency 5925 MHz

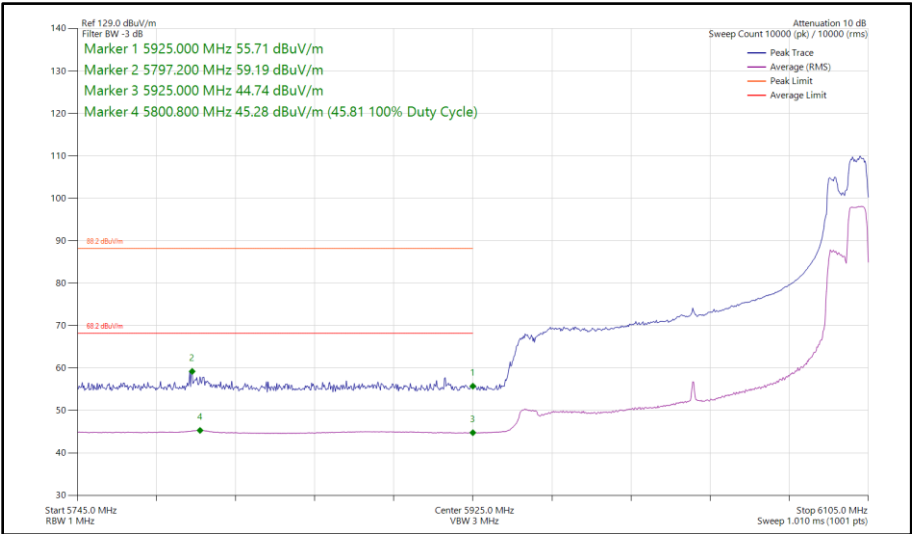


Figure 261 - 802.11ax HE160, RU 106-60S, SISO, Core 1 - 6025 MHz  
Band Edge Frequency 5925 MHz

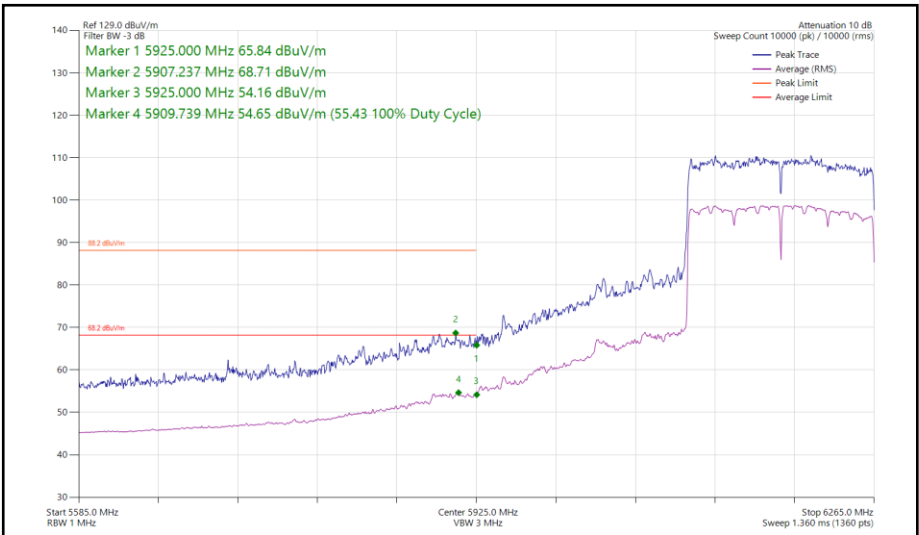


Figure 262 - 802.11ax HE160, SU, SISO, Core 1 - 6185 MHz  
Band Edge Frequency 5925 MHz

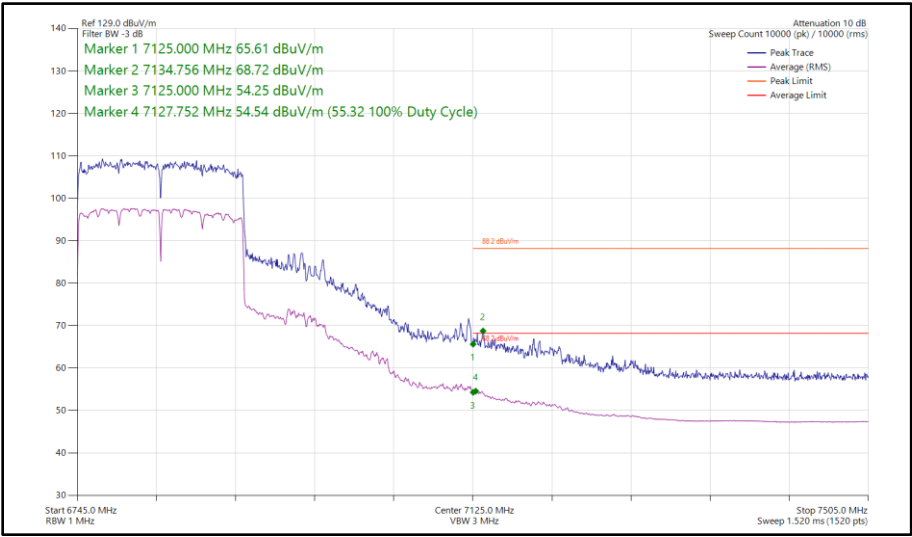


Figure 263 - 802.11ax HE160, SU, SISO, Core 1 - 6825 MHz  
Band Edge Frequency 7125 MHz

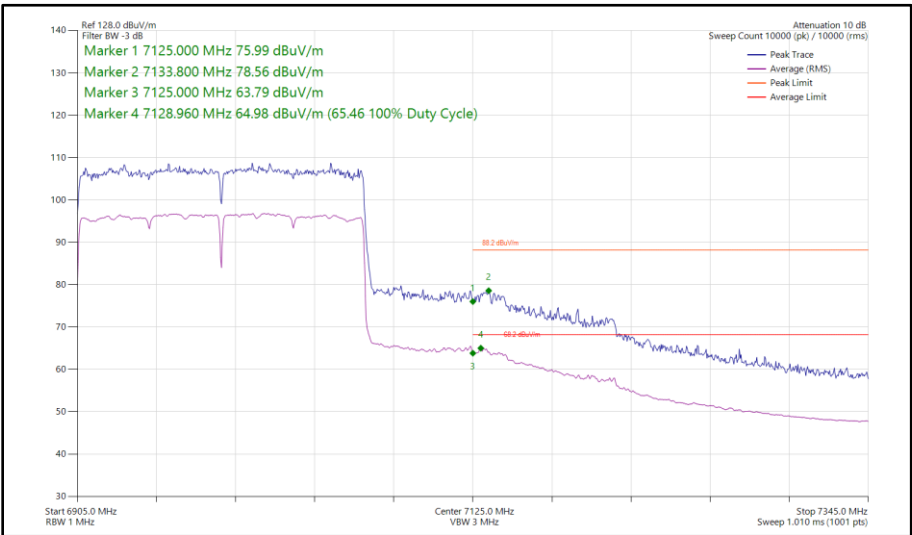


Figure 264 - 802.11ax HE160, SU, SISO, Core 1 - 6985 MHz  
Band Edge Frequency 7125 MHz

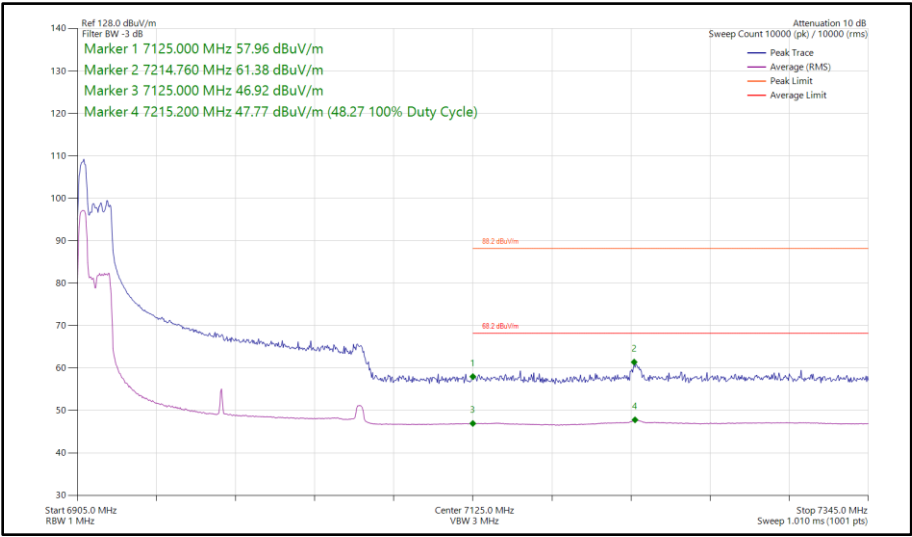


Figure 265 - 802.11ax HE160, RU 52-37P, SISO, Core 1 - 6985 MHz  
Band Edge Frequency 7125 MHz



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

| Mode           | Data Rate/<br>MCS | Resource<br>Size | Resource<br>Index | TX<br>Frequency<br>(MHz) | Band Edge<br>Frequency<br>(MHz) | Peak Level<br>(dBμV/m) | Average<br>Level<br>(dBμV/m) |
|----------------|-------------------|------------------|-------------------|--------------------------|---------------------------------|------------------------|------------------------------|
| 802.11ax HE160 | MCS 4x1           | SU               | -                 | 6025                     | 5925                            | 78.82                  | 65.62                        |
| 802.11ax HE160 | MCS 11x1          | 106              | 53P               | 6025                     | 5925                            | 62.43                  | 49.25                        |
| 802.11ax HE160 | MCS 11x1          | SU               | -                 | 6185                     | 5925                            | 72.09                  | 59.57                        |
| 802.11ax HE160 | MCS 11x1          | SU               | -                 | 6825                     | 7125                            | 67.62                  | 54.63                        |
| 802.11ax HE160 | MCS 2x1           | SU               | -                 | 6985                     | 7125                            | 77.52                  | 65.64                        |
| 802.11ax HE160 | MCS 11x1          | 52               | 52S               | 6985                     | 7125                            | 60.11                  | 48.60                        |

Table 590 - CDD Authorised Band Edge Results

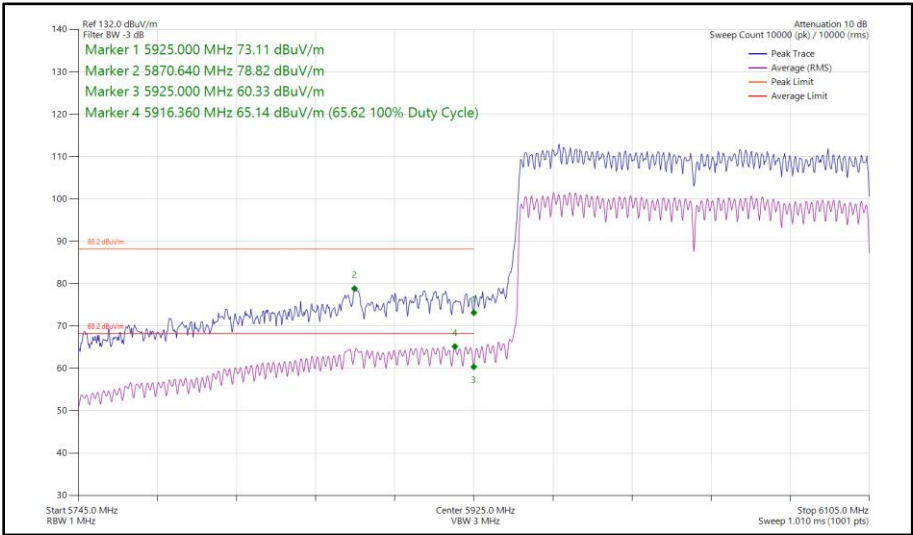


Figure 266 - 802.11ax HE160, SU, CDD, Core 0 - Core 1 - 6025 MHz  
Band Edge Frequency 5925 MHz

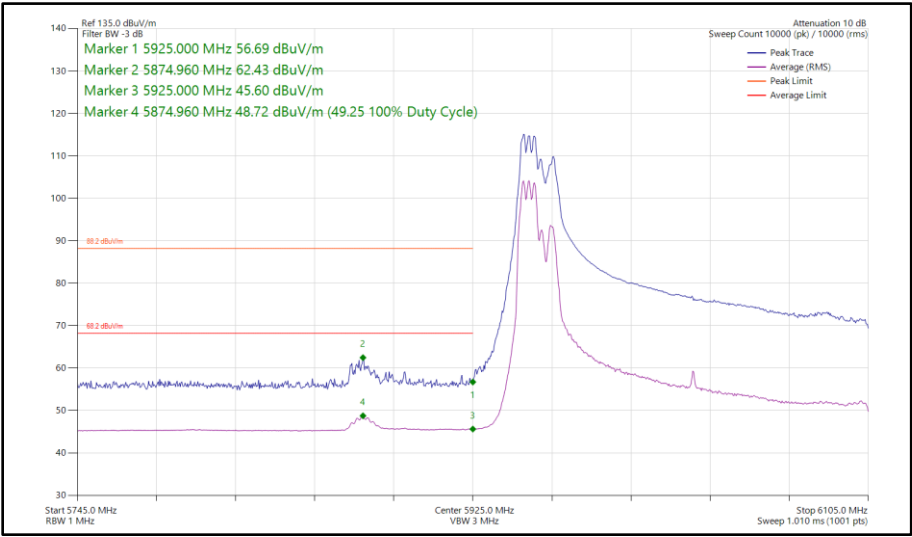


Figure 267 - 802.11ax HE160, RU 106-53P, CDD, Core 0 - Core 1 - 6025 MHz  
Band Edge Frequency 5925 MHz

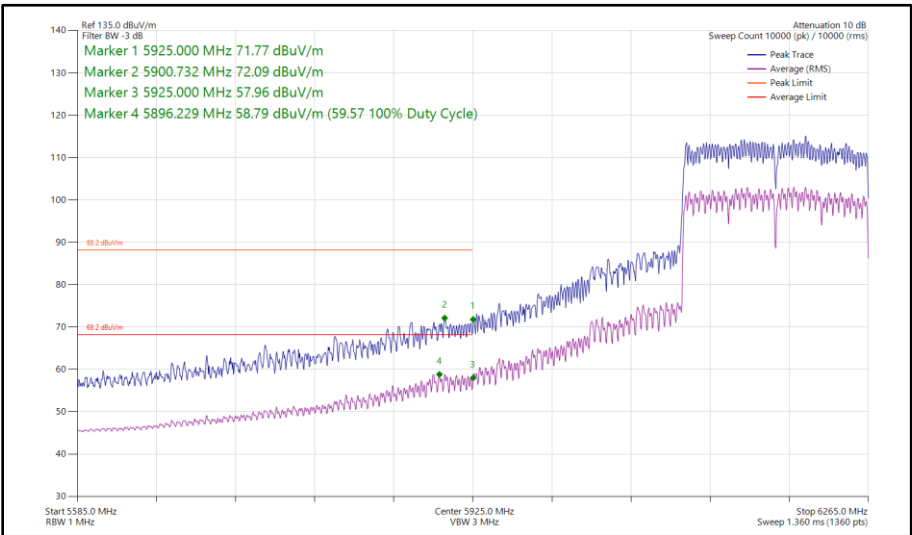


Figure 268 - 802.11ax HE160, SU, CDD, Core 0 - Core 1 - 6185 MHz  
Band Edge Frequency 5925 MHz

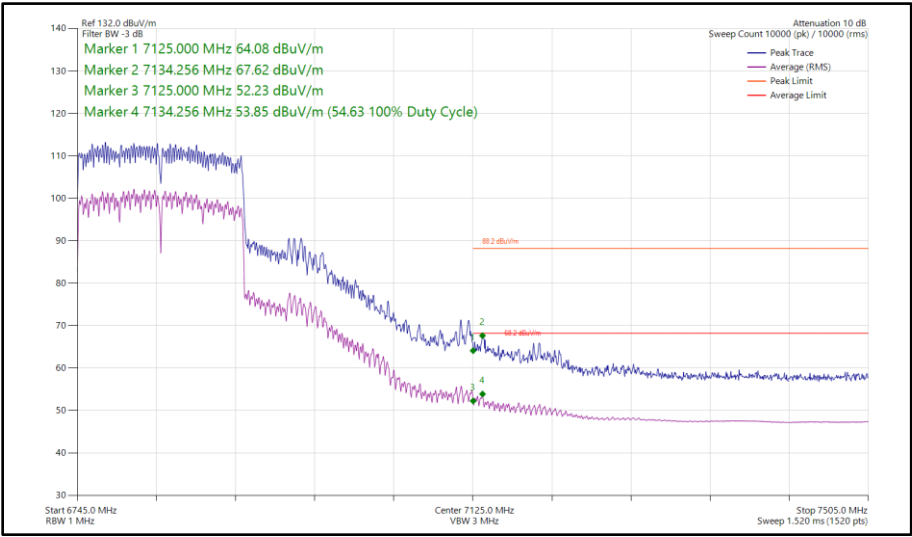


Figure 269 - 802.11ax HE160, SU, CDD, Core 0 - Core 1 - 6825 MHz  
Band Edge Frequency 7125 MHz



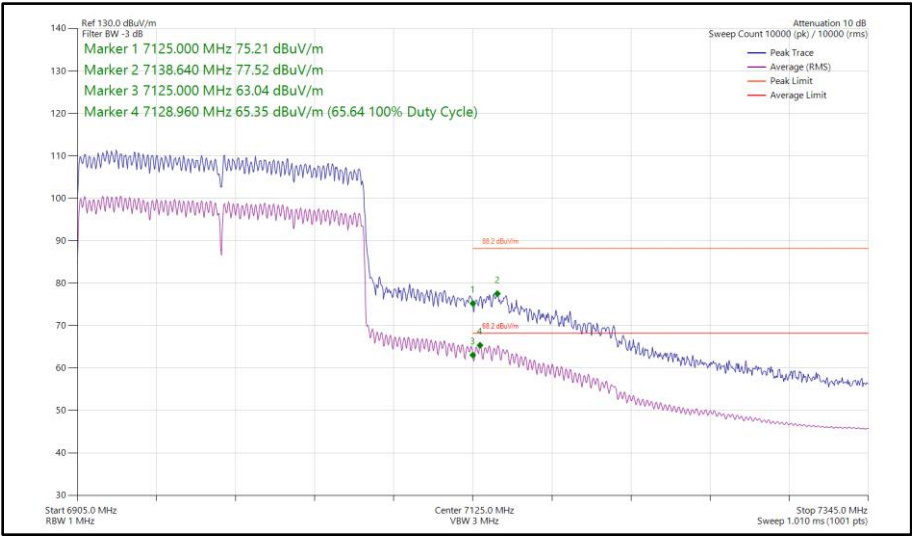


Figure 270 - 802.11ax HE160, SU, CDD, Core 0 - Core 1 - 6985 MHz  
Band Edge Frequency 7125 MHz

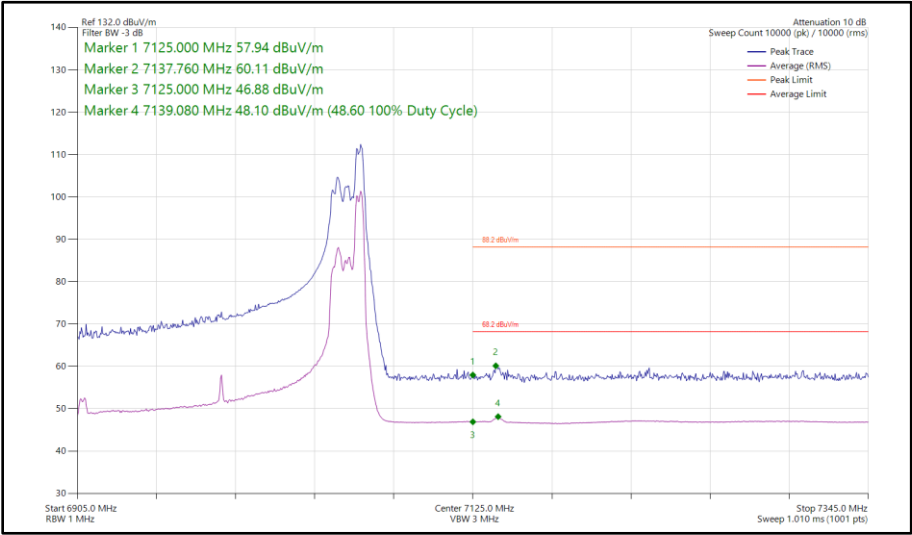


Figure 271 - 802.11ax HE160, RU 52-52S, CDD, Core 0 - Core 1 - 6985 MHz  
Band Edge Frequency 7125 MHz



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

| Mode           | Data Rate/<br>MCS | Resource<br>Size | Resource<br>Index | TX<br>Frequency<br>(MHz) | Band Edge<br>Frequency<br>(MHz) | Peak Level<br>(dBμV/m) | Average<br>Level<br>(dBμV/m) |
|----------------|-------------------|------------------|-------------------|--------------------------|---------------------------------|------------------------|------------------------------|
| 802.11ax HE160 | MCS 2x2           | SU               | -                 | 6025                     | 5925                            | 76.10                  | 65.33                        |
| 802.11ax HE160 | MCS 11x2          | 106              | 53P               | 6025                     | 5925                            | 63.49                  | 49.28                        |
| 802.11ax HE160 | MCS 11x2          | SU               | -                 | 6185                     | 5925                            | 73.44                  | 60.15                        |
| 802.11ax HE160 | MCS 11x2          | SU               | -                 | 6825                     | 7125                            | 65.65                  | 53.62                        |
| 802.11ax HE160 | MCS 4x2           | SU               | -                 | 6985                     | 7125                            | 78.40                  | 65.36                        |
| 802.11ax HE160 | MCS 11x2          | 106              | 60S               | 6985                     | 7125                            | 59.39                  | 48.51                        |

Table 591 - SDM Authorised Band Edge Results

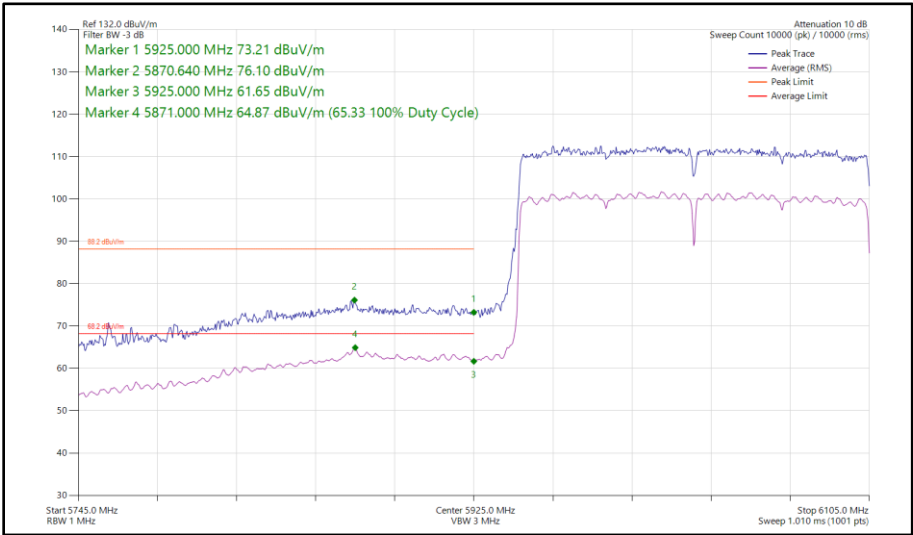


Figure 272 - 802.11ax HE160, SU, SDM, Core 0 - Core 1 - 6025 MHz  
Band Edge Frequency 5925 MHz

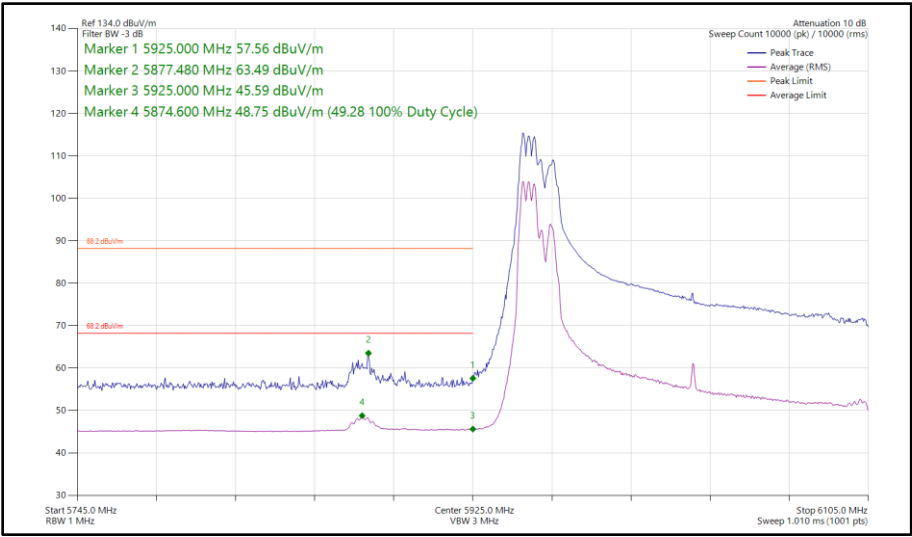


Figure 273 - 802.11ax HE160, RU 106-53P, SDM, Core 0 - Core 1 - 6025 MHz  
Band Edge Frequency 5925 MHz

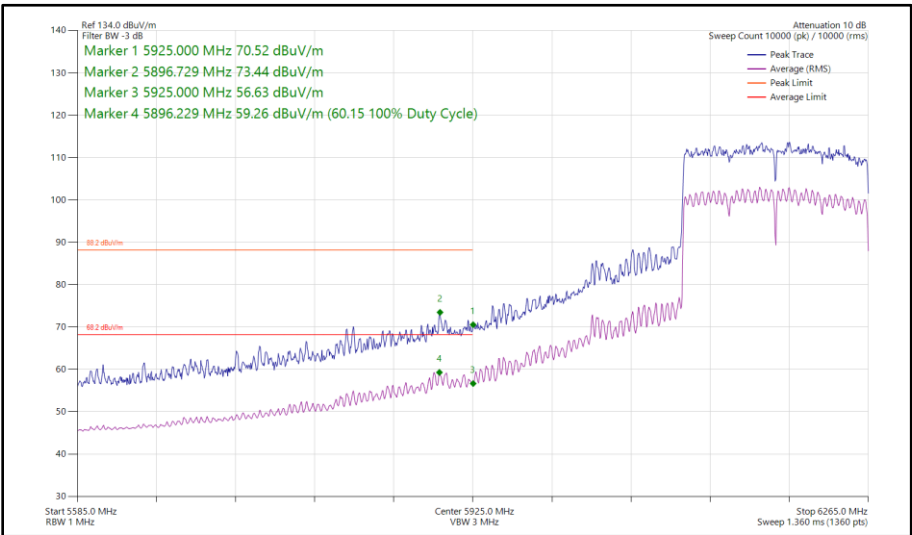


Figure 274 - 802.11ax HE160, SU, SDM, Core 0 - Core 1 - 6185 MHz  
Band Edge Frequency 5925 MHz

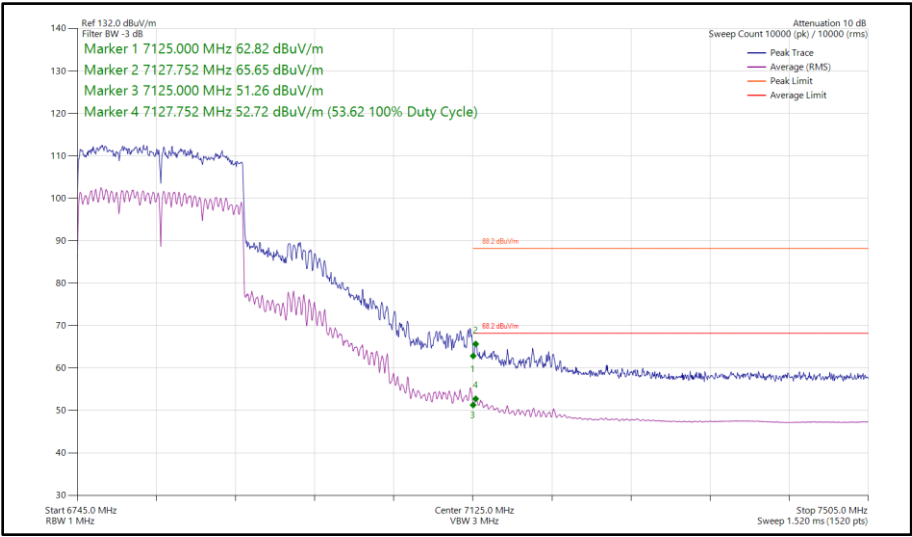
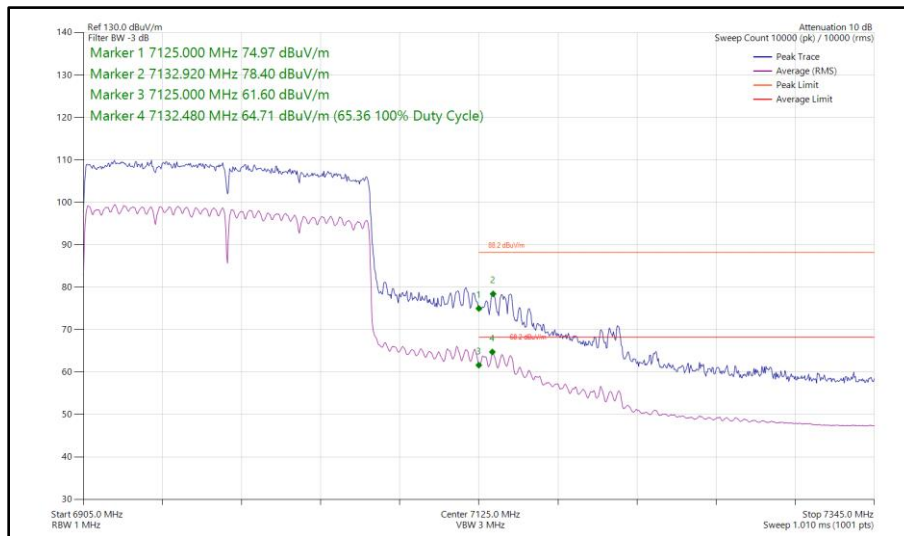
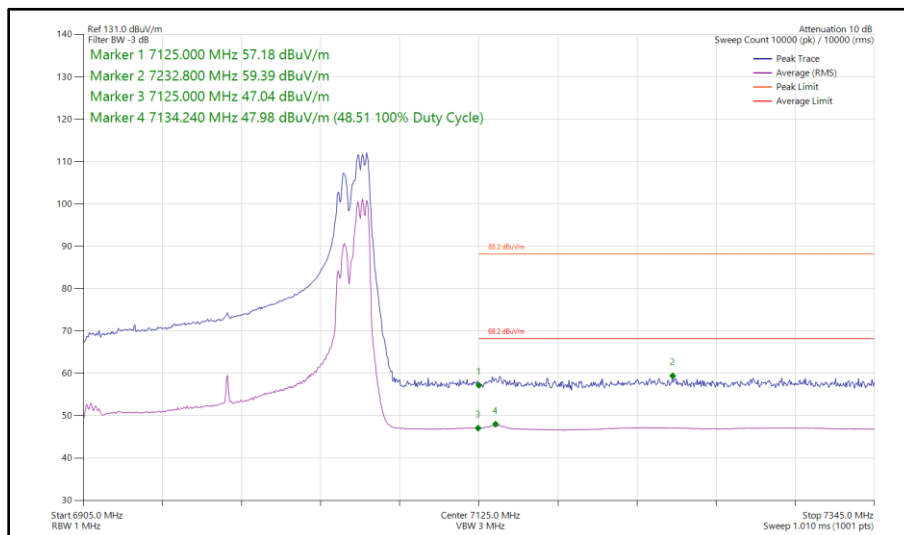


Figure 275 - 802.11ax HE160, SU, SDM, Core 0 - Core 1 - 6825 MHz  
Band Edge Frequency 7125 MHz



**Figure 276 - 802.11ax HE160, SU, SDM, Core 0 - Core 1 - 6985 MHz  
Band Edge Frequency 7125 MHz**



**Figure 277 - 802.11ax HE160, RU 106-60S, SDM, Core 0 - Core 1 - 6985 MHz  
Band Edge Frequency 7125 MHz**

FCC 47 CFR Part 15E, Limit Clause 15.407(b)(1)(2)(3)(4)

For transmitters operating within the 5.925–7.125 GHz band: Any emissions outside of the 5.925–7.125 GHz band must not exceed an e.i.r.p. of -27 dBm.

ISED RSS-248, Limit Clause 4.6.2(a)

Any emissions outside of the 5925-7125 MHz band shall not exceed -27 dBm/MHz e.i.r.p.



## 2.6.7 Test Location and Test Equipment Used

This test was carried out in RF Chamber 16 and RF Chamber 17.

| Instrument                          | Manufacturer       | Type No.             | TE No. | Calibration Period (months) | Calibration Expiry Date |
|-------------------------------------|--------------------|----------------------|--------|-----------------------------|-------------------------|
| Power Supply Unit                   | Hewlett Packard    | 6253A                | 441    | -                           | O/P Mon                 |
| Cable (18 GHz)                      | Rosenberger        | LU7-071-1000         | 5102   | 12                          | 21-Nov-2024             |
| Emissions Software                  | TUV SUD            | EmX V3.2.0           | 5125   | -                           | Software                |
| Test Receiver                       | Rohde & Schwarz    | ESW44                | 5379   | 12                          | 12-Dec-2024             |
| 1500W (300V 12A) AC Power Supply    | iTech              | IT7324               | 5957   | -                           | O/P Mon                 |
| 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                      |
| Horn Antenna (1-10 GHz)             | Schwarzbeck        | BBHA9120B            | 6140   | 12                          | 05-May-2025             |
| Horn Antenna (1-10 GHz)             | Schwarzbeck        | BBHA9120B            | 6142   | 12                          | 05-May-2025             |
| SAC Switch Unit                     | TUV SUD            | TUV_SSU_001          | 6144   | 12                          | 11-Dec-2024             |
| Digital Multimeter                  | Fluke              | 115                  | 6146   | 12                          | 15-Jun-2024*            |
| Digital Multimeter                  | Fluke              | 115                  | 6146   | 12                          | 06-Jun-2025*            |
| Humidity & Temperature meter        | R.S Components     | 1364                 | 6148   | 12                          | 21-Jul-2024             |
| EMI Test Receiver                   | Rohde & Schwarz    | ESW44                | 6294   | 12                          | 06-Jan-2025             |
| Cable (SMA to SMA 1m)               | Junkosha           | MWX221-01000AMSAMS/A | 6315   | 12                          | 04-Feb-2025             |
| Cable (SMA to SMA 8m)               | Junkosha           | MWX221-08000AMSAMS/B | 6319   | 12                          | 04-Feb-2025             |
| Horn Antenna (1–8 GHz)              | Schwarzbeck        | BBHA 9120 B          | 6457   | 12                          | 05-May-2025             |
| AC Power Supply                     | iTech              | IT7324               | 6657   | -                           | O/P Mon                 |
| 3m Semi-Anechoic Chamber            | Albatross Projects | RF Chamber 17        | 6658   | 36                          | 28-Jan-2026             |
| Mast and Turntable Controller       | Maturo Gmbh        | FCU3.0               | 6659   | -                           | TU                      |
| Tilt Antenna Mast                   | Maturo Gmbh        | BAM4.5-P             | 6660   | -                           | TU                      |
| Turntable                           | Maturo Gmbh        | TT1.5SI              | 6661   | -                           | TU                      |
| 10dB attenuator                     | RF-Lambda          | RFS5G08B10SMF        | 6732   | 12                          | 07-Jan-2025             |
| 8m Cable                            | Junkosha           | MWX221-08000AMSAMS/B | 6748   | 12                          | 01-Feb-2025             |
| Preamplifier                        | Hewlett Packard    | HP8449B              | 6762   | 12                          | 28-Feb-2025             |

**Table 592**

\*Equipment was only employed during its calibration period.

TU - Traceability Unscheduled

O/P Mon - Output Monitored using calibrated equipment



## **2.7 Spurious Radiated Emissions**

### **2.7.1 Specification Reference**

FCC 47 CFR Part 15E, Clause 15.209 and 15.407 (b)  
ISED RSS-248, Clause 4.6  
ISED RSS-GEN, Clause 6.13 and 8.9

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

A3112, S/N: D2XW4JQFNK - Modification State 0

### **2.7.3 Date of Test**

17-June-2024 to 23-June-2024

### **2.7.4 Test Method**

Testing was performed in accordance with ANSI C63.10, clause 6.3, 6.5 and 6.6.

Tests were performed in HE20 CDD in 2TX MIMO mode, with measurements undertaken from 30 MHz to 40 GHz on channels 45 (6175 MHz), 105 (6475 MHz), 149 (6695 MHz), and 209 (6995 MHz).

For the purpose of this testing, spurious emissions were limited to 1 GHz to 40 GHz on all other test channels.

All testing was performed using the lowest data rate/modulation scheme for the applicable mode.

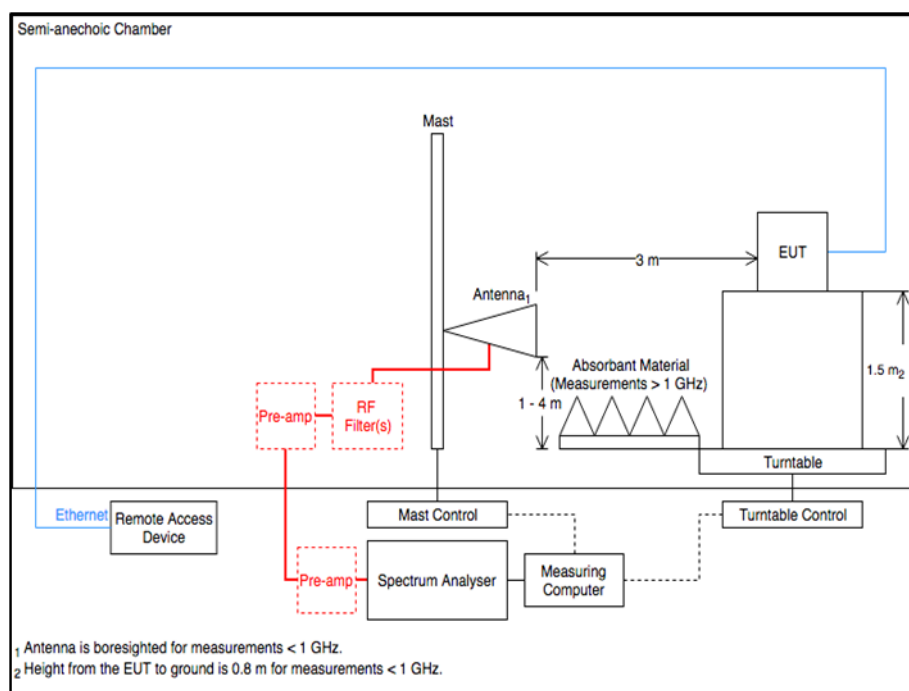
Plots for average measurements were taken in accordance with ANSI C63.10, clause 12.7.7.2 with max-hold trace to characterize the EUT. Where emissions were detected, final average measurements were taken in accordance with ANSI C63.10, clause 12.7.7.2 using an average trace.

The plots shown are the characterization of the EUT. The limits on the plots represent the most stringent case for restricted bands, (54/74 dBuV/m @ 3 m and 64/84 dBuV/m @ 1m) when compared to -27 dBm/MHz RMS EIRP and -7dBm/MHz Peak EIRP outside restricted bands. The limits shown have been used as a threshold to determine where further measurements are necessary. Where results are within 10dB of the limits shown on the plots, further investigation was carried out and reported in results tables.

The following conversion can be applied to convert from dBuV/m to uV/m:  
 $10^{(\text{Field Strength in dBuV/m}/20)}$ .

EIRP was converted to field strength at 3m using the following formula:  
Field Strength (dBuV/m at 3 m) = EIRP (dBm) + 95.2 dB.

## 2.7.5 Example Test Setup Diagram



**Figure 278 - Radiated Emissions Test Setup Diagram**

## 2.7.6 Environmental Conditions

|                     |                |
|---------------------|----------------|
| Ambient Temperature | 20.9 - 22.2 °C |
| Relative Humidity   | 41.9 - 45.5 %  |





2.7.7 Test Results

6 GHz WLAN

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------|----------------|-------------|----------|-----------|-------------|--------------|
| 4206.521        | 32.37          | 54.00          | -21.63      | RMS      | 77        | 314         | Vertical     |
| 5457.210        | 40.19          | 54.00          | -13.81      | RMS      | 1         | 330         | Vertical     |
| 5457.591        | 35.99          | 54.00          | -18.01      | RMS      | 257       | 378         | Horizontal   |
| 5904.974        | 51.48          | 68.20          | -16.72      | RMS      | 352       | 279         | Vertical     |

Table 593 - 5955 MHz (CH1), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz

No other emissions found within 10 dB of the limit.

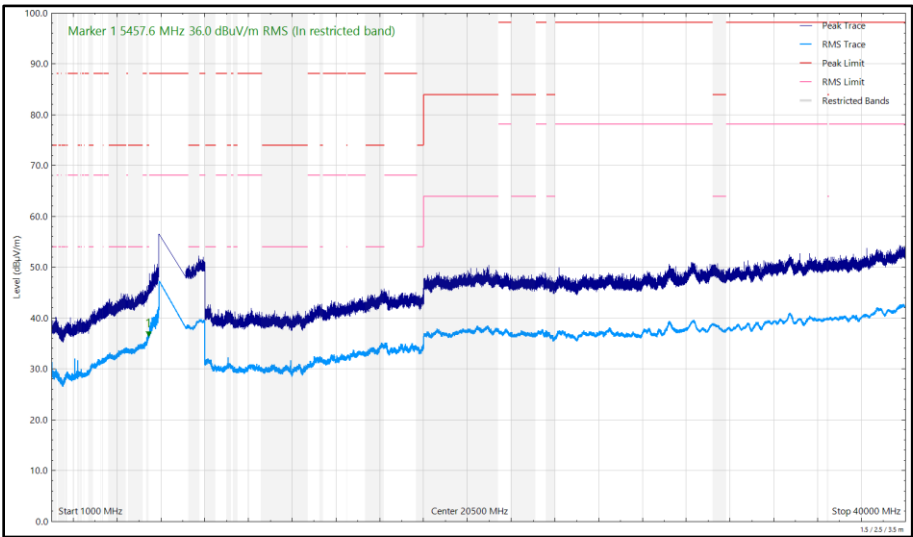


Figure 279 - 5955 MHz (CH1), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

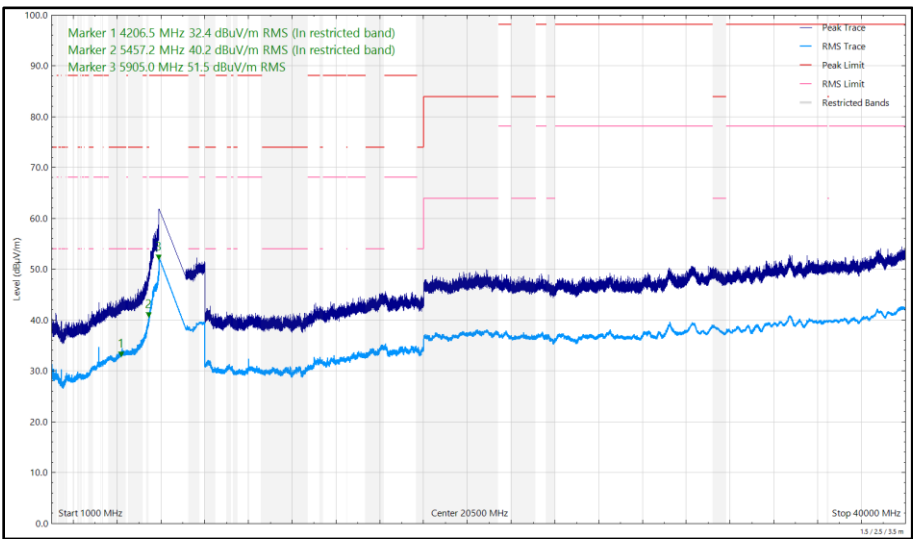


Figure 280 - 5955 MHz (CH1), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical



| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------|----------------|-------------|----------|-----------|-------------|--------------|
| 281.840         | 20.56          | 46.00          | -25.44      | Q-Peak   | 0         | 378         | Horizontal   |
| 4196.622        | 32.41          | 54.00          | -21.59      | RMS      | 192       | 279         | Vertical     |
| 5459.012        | 38.61          | 54.00          | -15.39      | RMS      | 0         | 304         | Vertical     |
| 5459.589        | 35.25          | 54.00          | -18.75      | RMS      | 100       | 213         | Horizontal   |
| 5904.909        | 48.12          | 68.20          | -20.08      | RMS      | 355       | 259         | Vertical     |
| 8233.325        | 38.39          | 54.00          | -15.61      | RMS      | 44        | 103         | Vertical     |
| 8233.340        | 36.11          | 54.00          | -17.89      | RMS      | 81        | 325         | Horizontal   |

Table 594 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 40 GHz

No other emissions found within 10 dB of the limit.

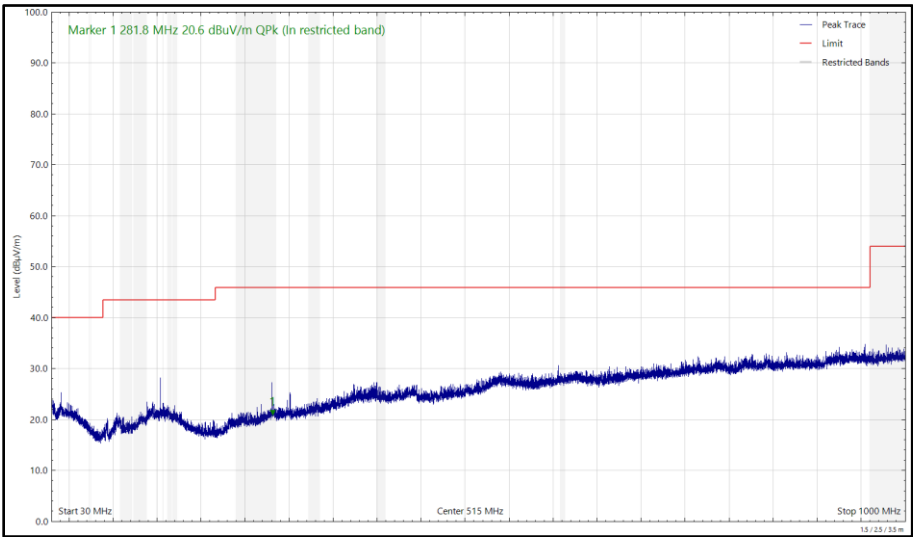


Figure 281 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

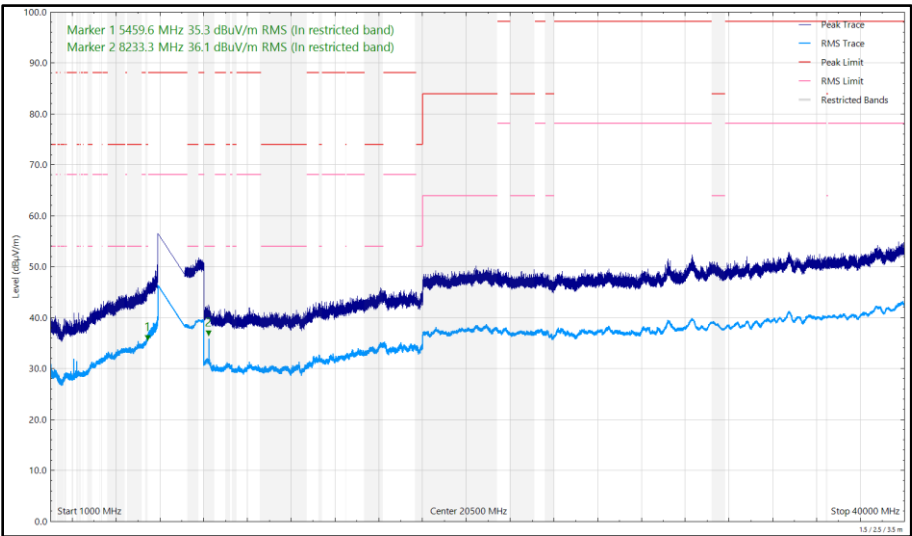


Figure 282 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

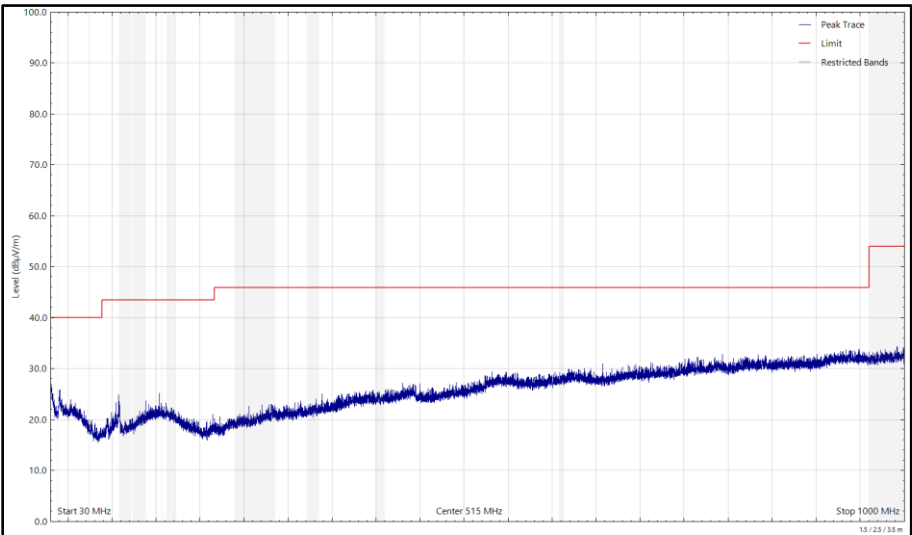


Figure 283 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

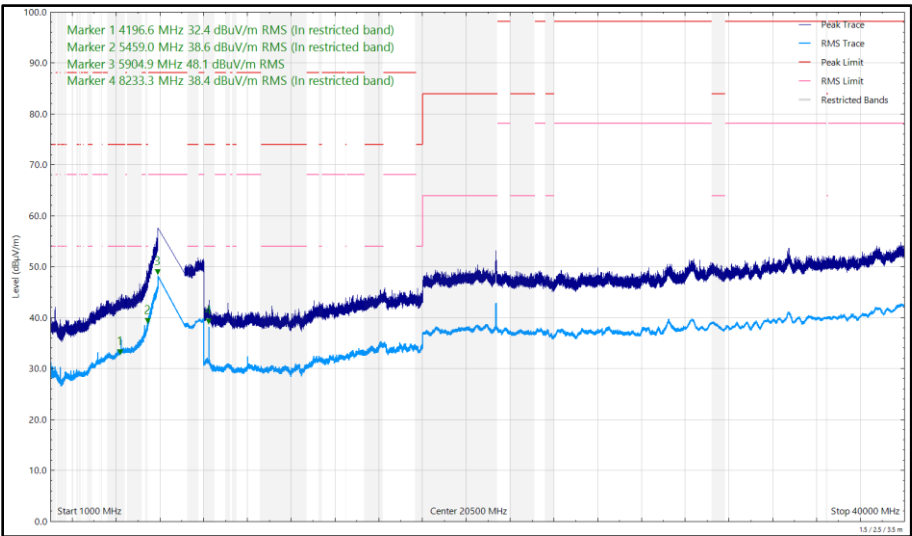


Figure 284 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical



| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------|----------------|-------------|----------|-----------|-------------|--------------|
| 4205.521        | 32.37          | 54.00          | -21.63      | RMS      | 346       | 385         | Vertical     |
| 5457.991        | 37.38          | 54.00          | -16.62      | RMS      | 357       | 242         | Vertical     |

Table 595 - 6415 MHz (CH93), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz

No other emissions found within 10 dB of the limit.

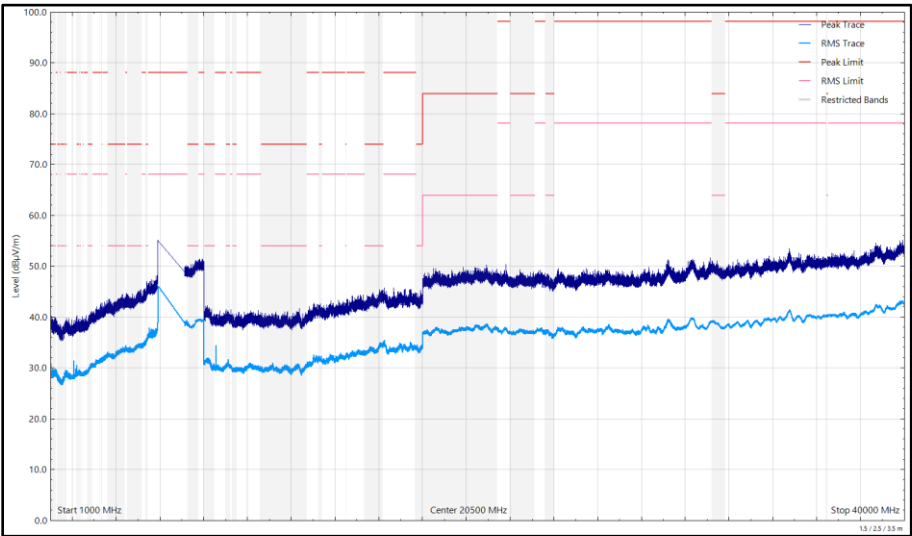


Figure 285 - 6415 MHz (CH93), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

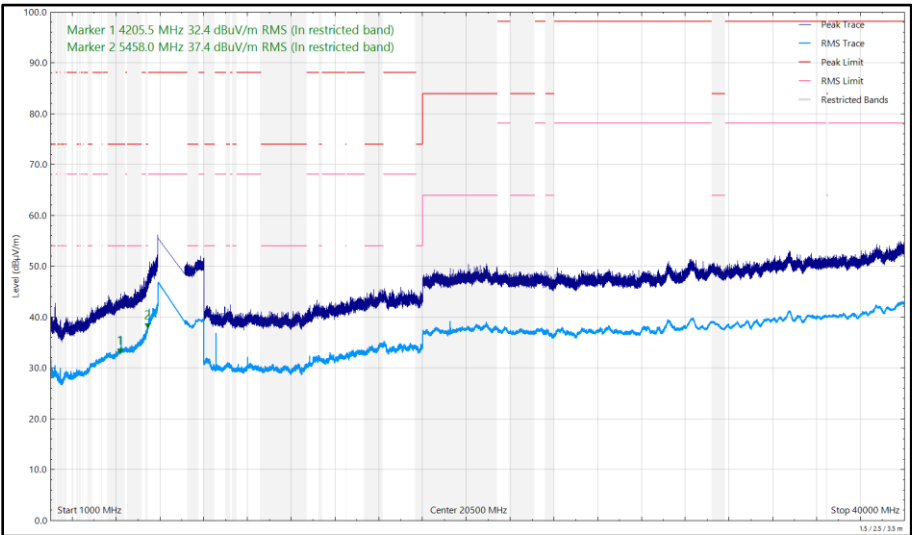


Figure 286 - 6415 MHz (CH93), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical



| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------|----------------|-------------|----------|-----------|-------------|--------------|
| 4236.338        | 32.42          | 54.00          | -21.58      | RMS      | 64        | 246         | Vertical     |
| 5454.473        | 37.37          | 54.00          | -16.63      | RMS      | 360       | 297         | Vertical     |

Table 596 - 6435 MHz (CH97), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz

No other emissions found within 10 dB of the limit.

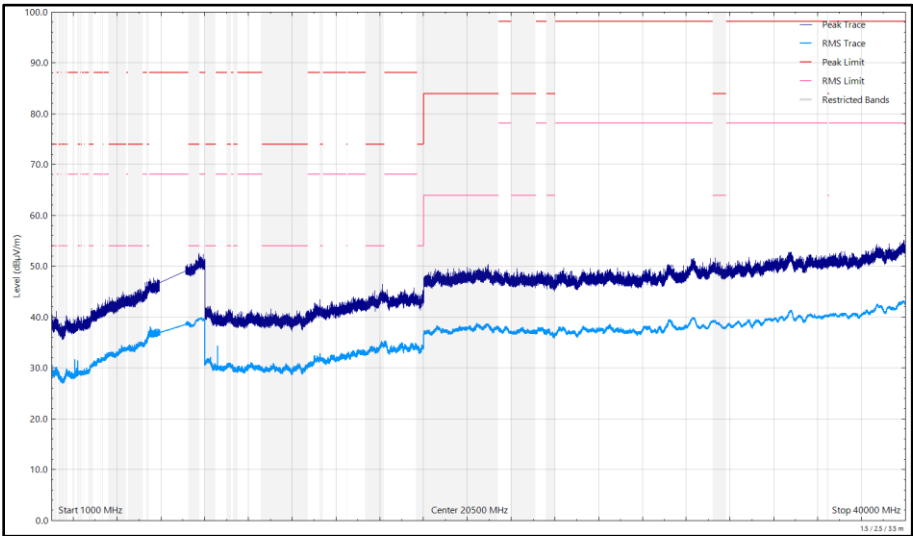


Figure 287 - 6435 MHz (CH97), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

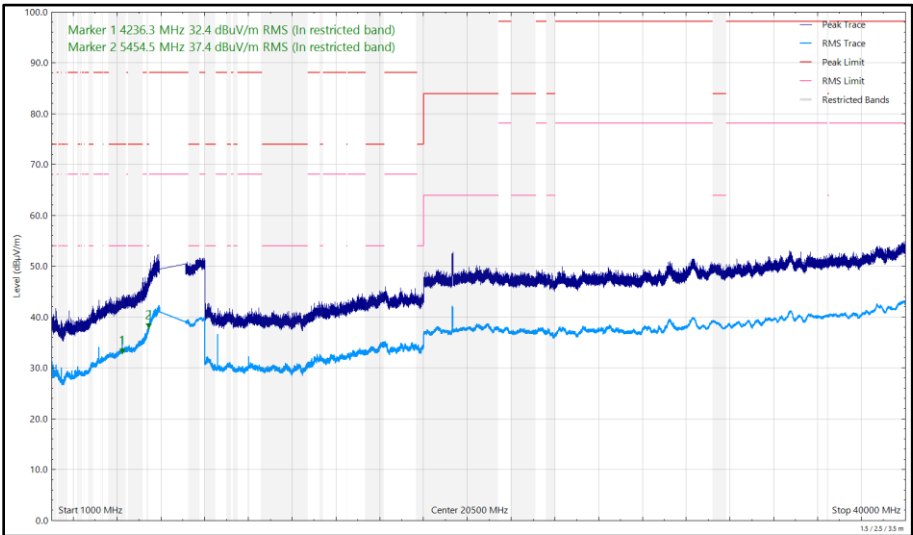


Figure 288 - 6435 MHz (CH97), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical



| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------|----------------|-------------|----------|-----------|-------------|--------------|
| 277.262         | 20.30          | 46.00          | -25.70      | Q-Peak   | 341       | 336         | Horizontal   |
| 4228.163        | 32.52          | 54.00          | -21.48      | RMS      | 4         | 248         | Vertical     |
| 4248.076        | 32.59          | 54.00          | -21.41      | RMS      | 0         | 162         | Horizontal   |
| 5459.147        | 37.72          | 54.00          | -16.28      | RMS      | 360       | 241         | Vertical     |

Table 597 - 6475 MHz (CH105), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 40 GHz

No other emissions found within 10 dB of the limit.

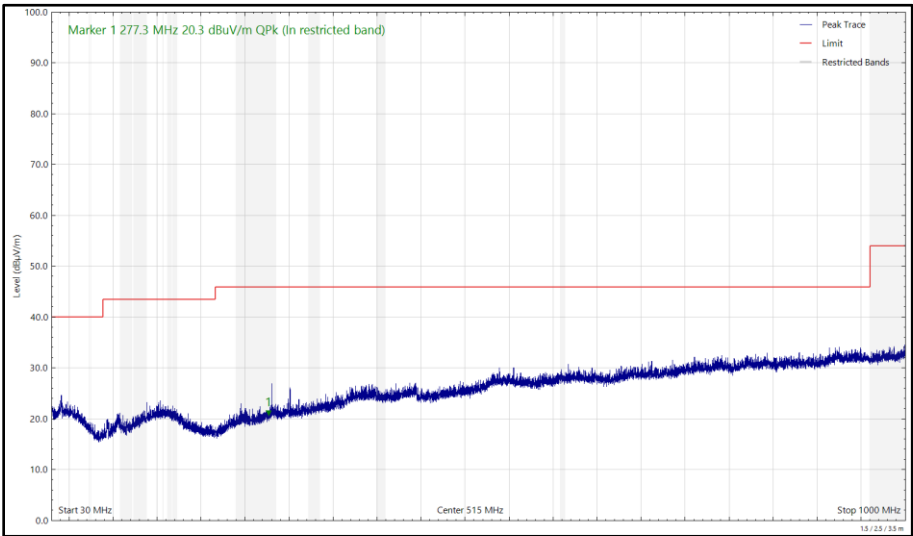


Figure 289 - 6475 MHz (CH105), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

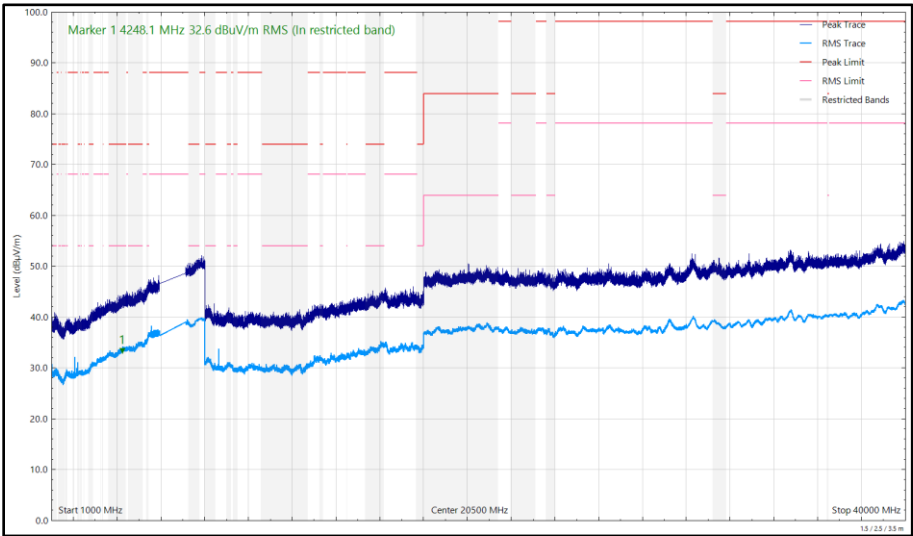


Figure 290 - 6475 MHz (CH105), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

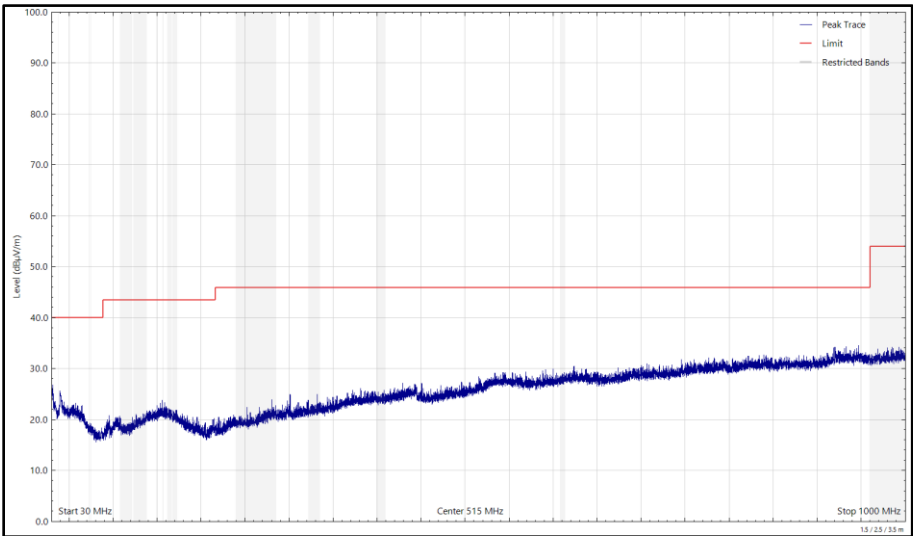


Figure 291 - 6475 MHz (CH105), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

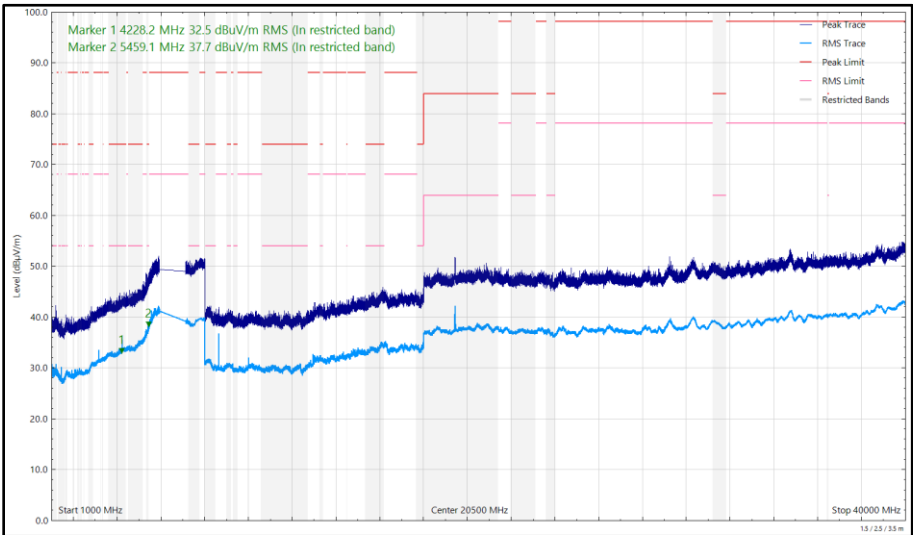


Figure 292 - 6475 MHz (CH105), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical





| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------|----------------|-------------|----------|-----------|-------------|--------------|
| 5458.463        | 37.44          | 54.00          | -16.56      | RMS      | 360       | 272         | Vertical     |

Table 598 - 6515 MHz (CH113), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz

No other emissions found within 10 dB of the limit.

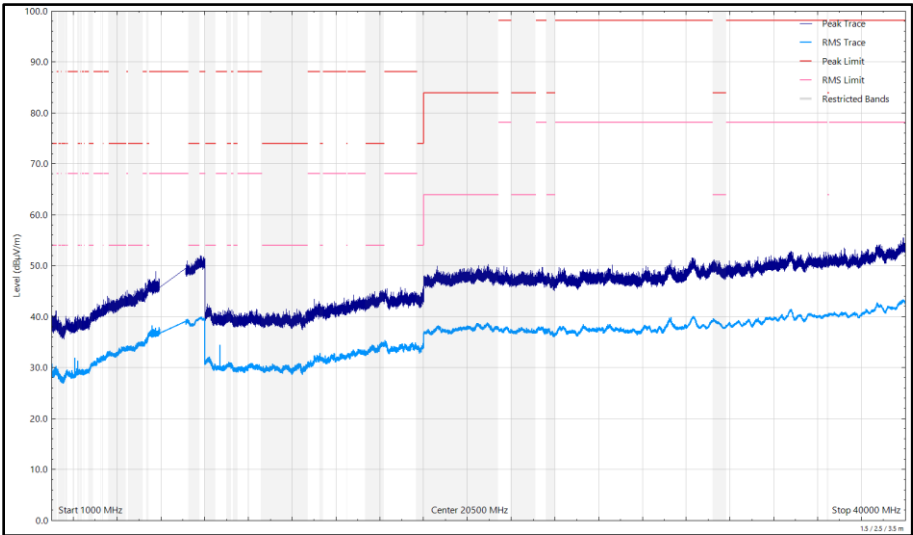


Figure 293 - 6515 MHz (CH113), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

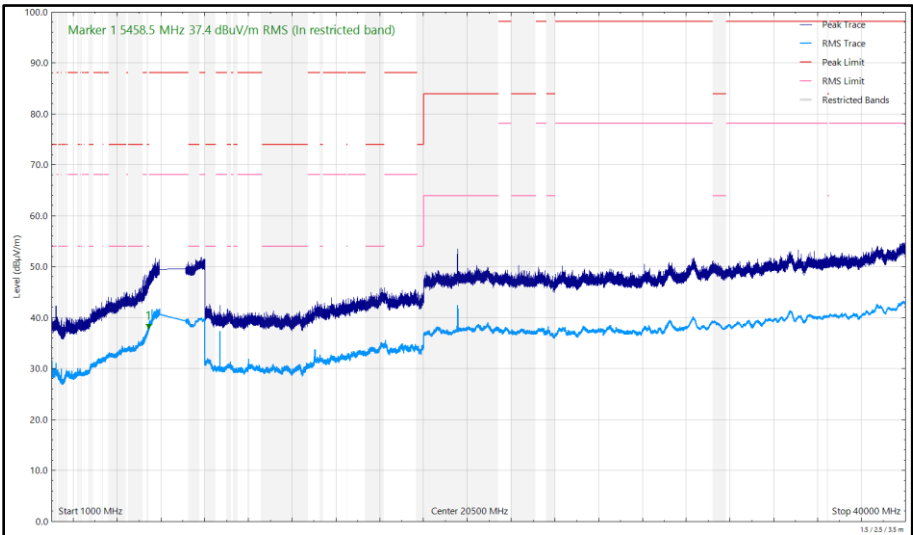


Figure 294 - 6515 MHz (CH113), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical



| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------|----------------|-------------|----------|-----------|-------------|--------------|
| 4211.905        | 33.71          | 54.00          | -20.29      | RMS      | 325       | 399         | Vertical     |
| 5459.285        | 37.20          | 54.00          | -16.80      | RMS      | 356       | 277         | Vertical     |

Table 599 - 6535 MHz (CH117), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz

No other emissions found within 10 dB of the limit.

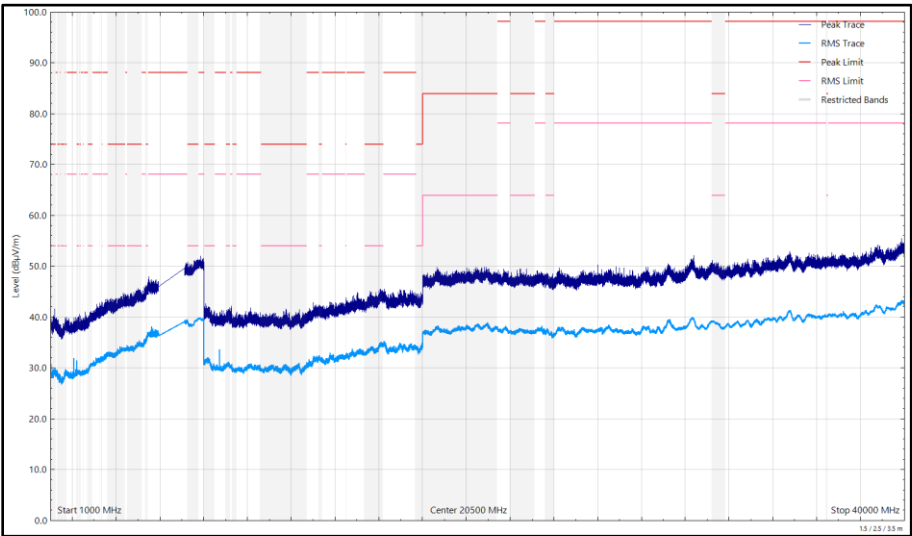


Figure 295 - 6535 MHz (CH117), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

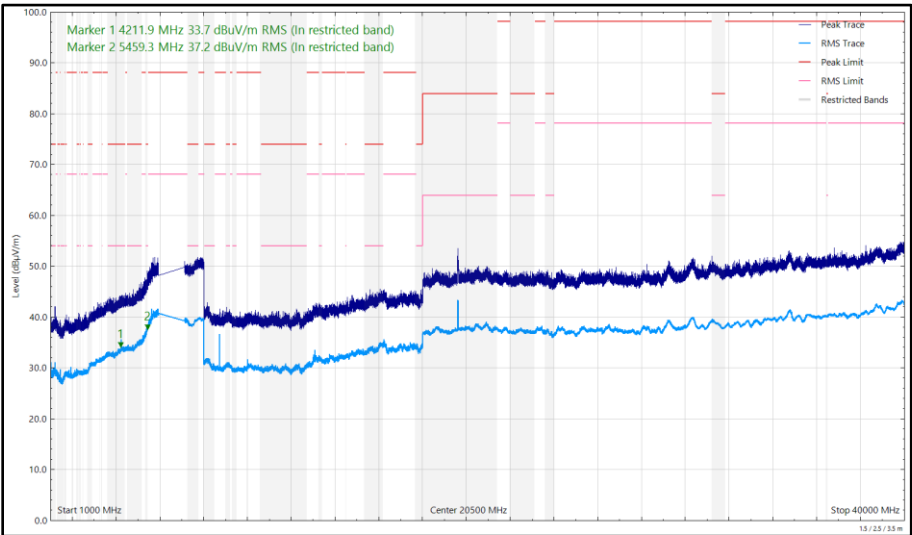


Figure 296 - 6535 MHz (CH117), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical



| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------|----------------|-------------|----------|-----------|-------------|--------------|
| 275.583         | 20.18          | 46.00          | -25.82      | Q-Peak   | 221       | 388         | Horizontal   |
| 5459.926        | 36.93          | 54.00          | -17.07      | RMS      | 352       | 320         | Vertical     |

Table 600 - 6695 MHz (CH149), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 40 GHz

No other emissions found within 10 dB of the limit.

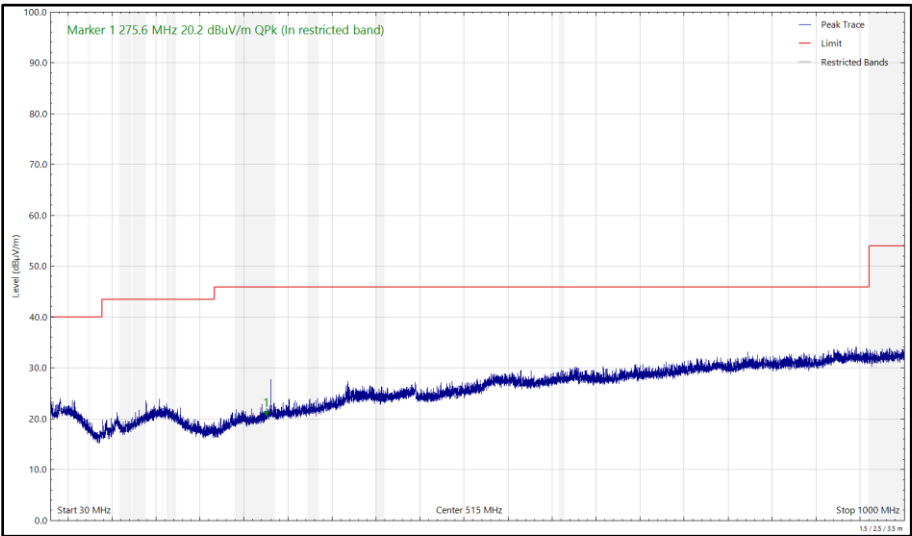


Figure 297 - 6695 MHz (CH149), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

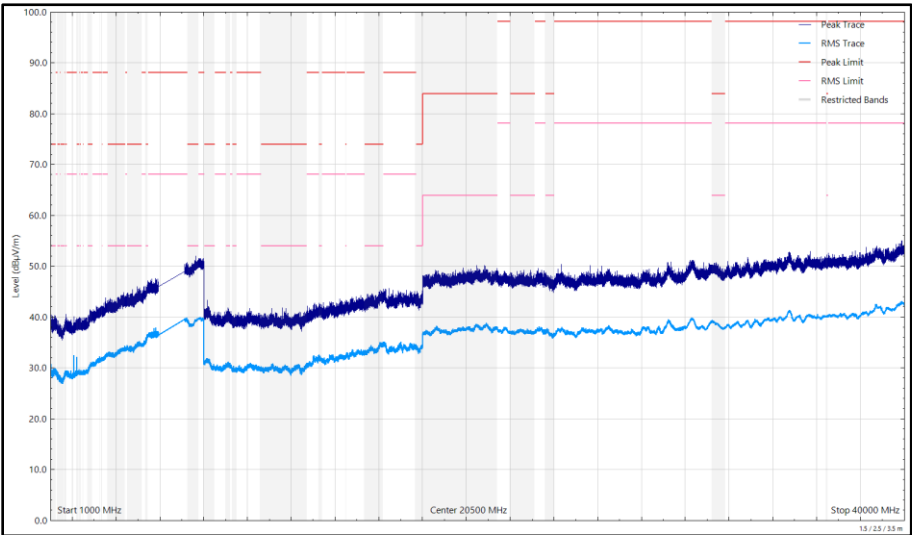


Figure 298 - 6695 MHz (CH149), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

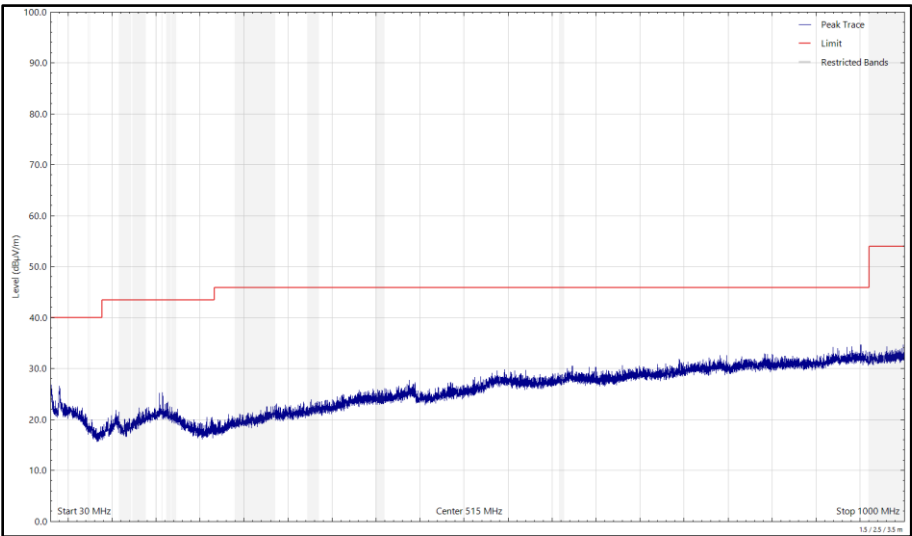


Figure 299 - 6695 MHz (CH149), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

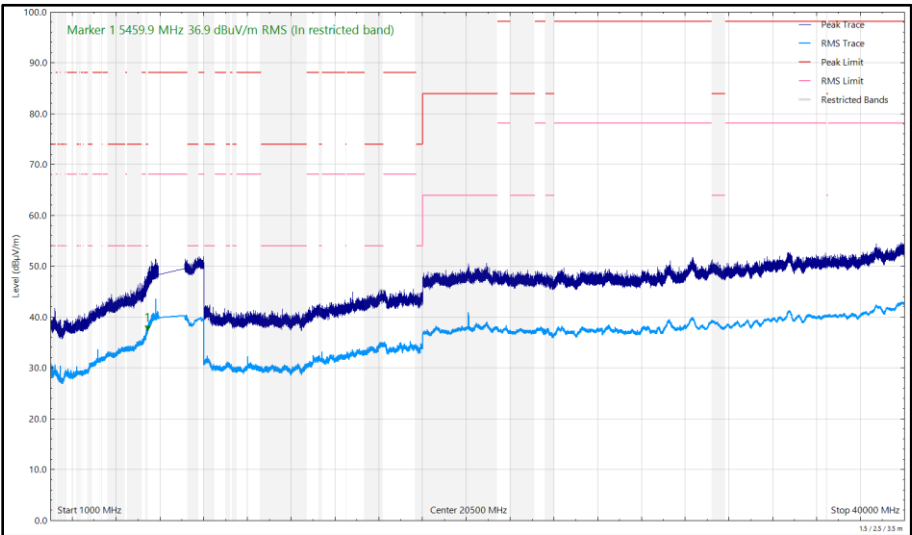


Figure 300 - 6695 MHz (CH149), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical



| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------|----------------|-------------|----------|-----------|-------------|--------------|
| 4236.528        | 32.36          | 54.00          | -21.64      | RMS      | 193       | 104         | Vertical     |
| 5459.289        | 36.53          | 54.00          | -17.47      | RMS      | 355       | 341         | Vertical     |
| 7258.181        | 40.86          | 54.00          | -13.14      | RMS      | 54        | 280         | Vertical     |
| 7261.979        | 38.75          | 54.00          | -15.25      | RMS      | 112       | 339         | Horizontal   |

Table 601 - 6855 MHz (CH181), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz

No other emissions found within 10 dB of the limit.

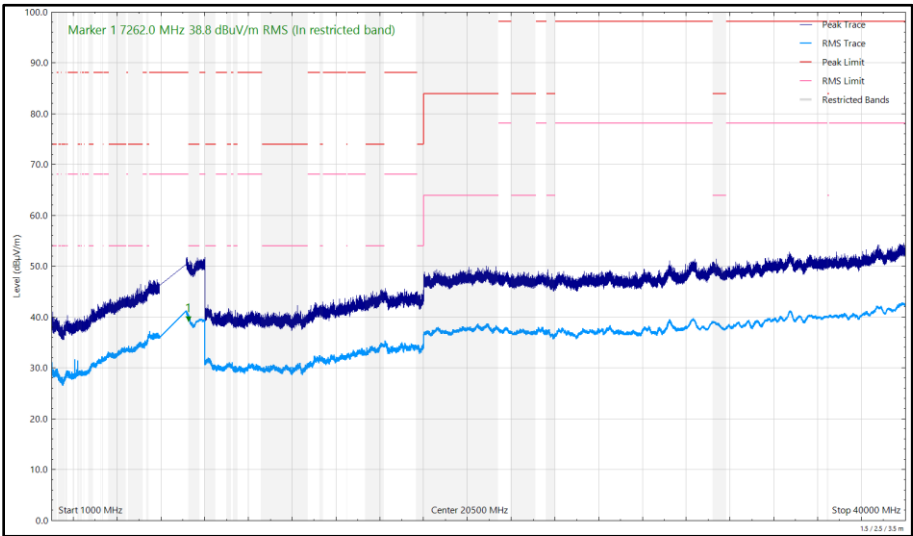


Figure 301 - 6855 MHz (CH181), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

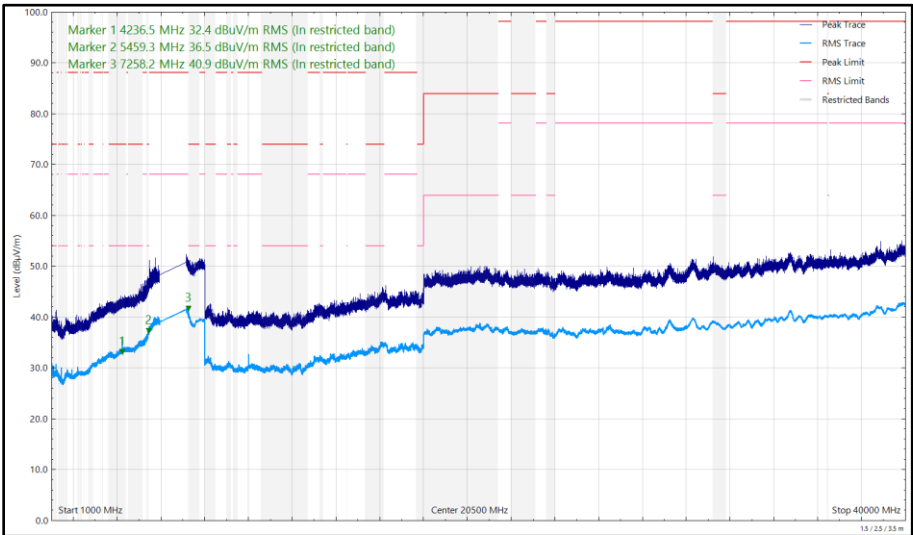


Figure 302 - 6855 MHz (CH181), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical