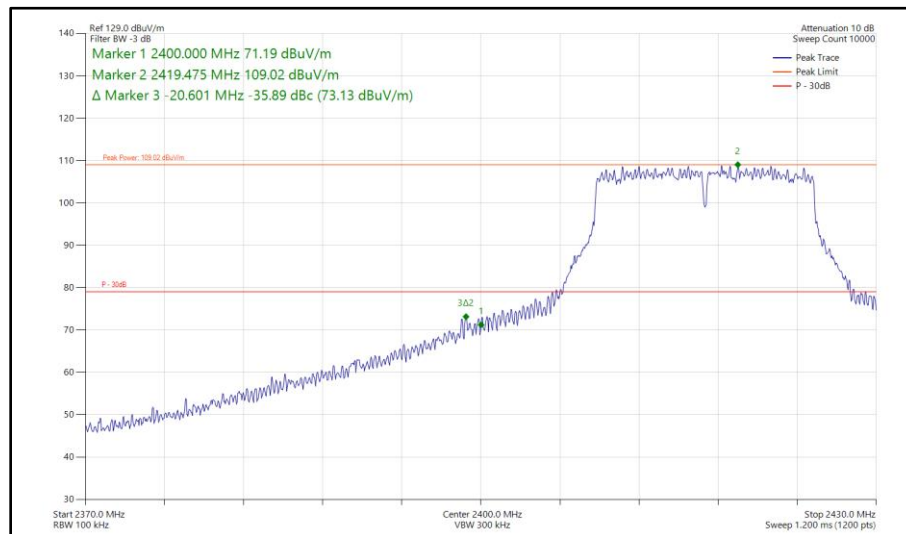
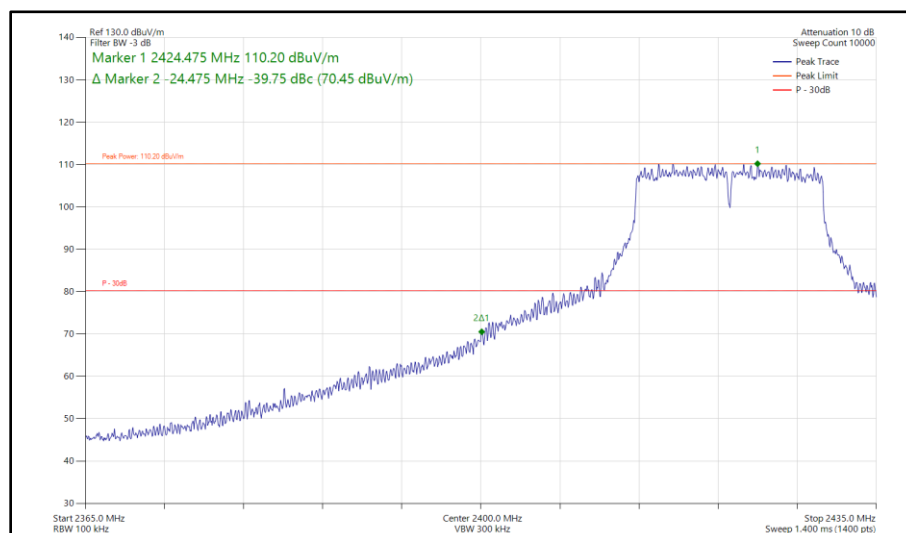
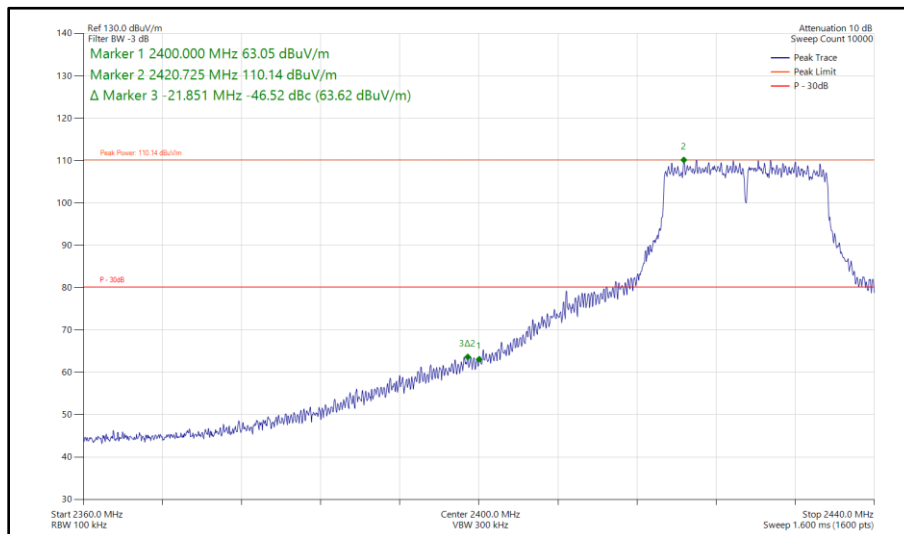




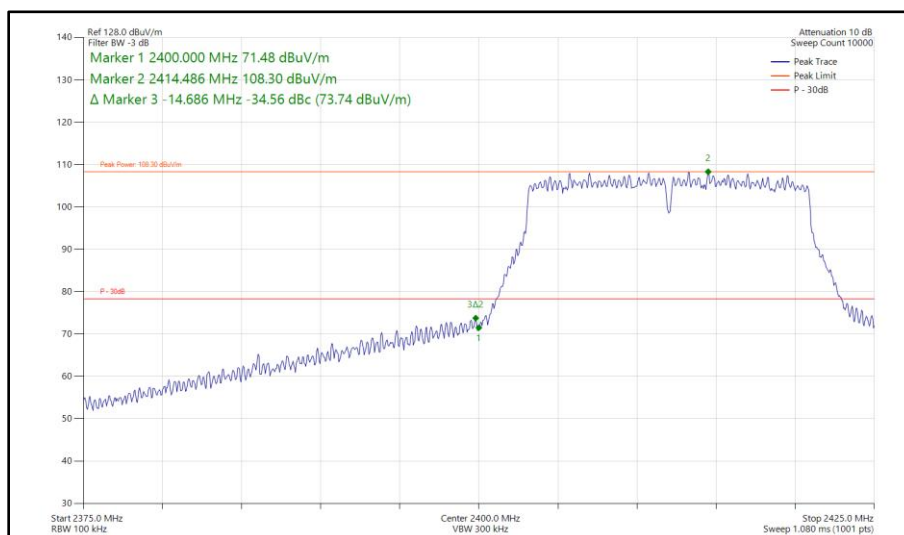
**Figure 131 - 802.11g, SISO, Core 0 - 2417 MHz  
Band Edge Frequency 2400 MHz**



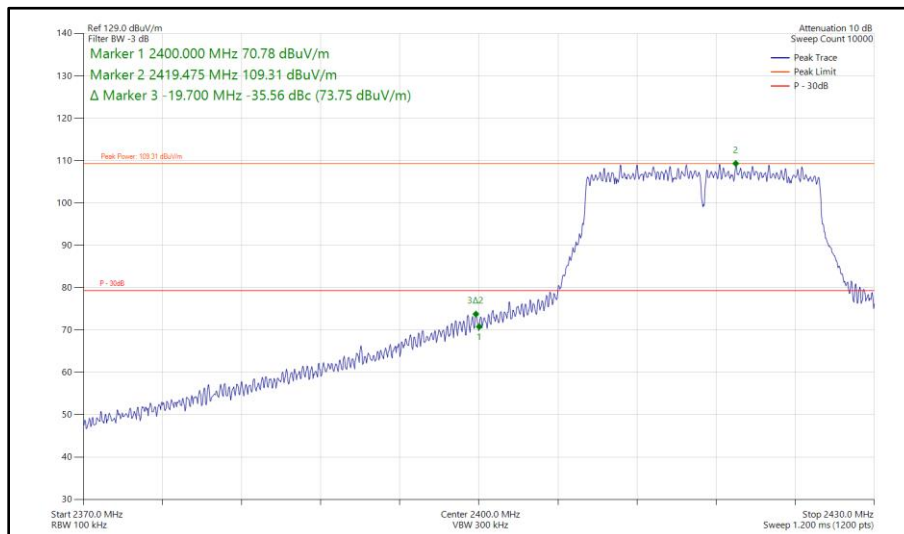
**Figure 132 - 802.11g, SISO, Core 0 - 2422 MHz  
Band Edge Frequency 2400 MHz**



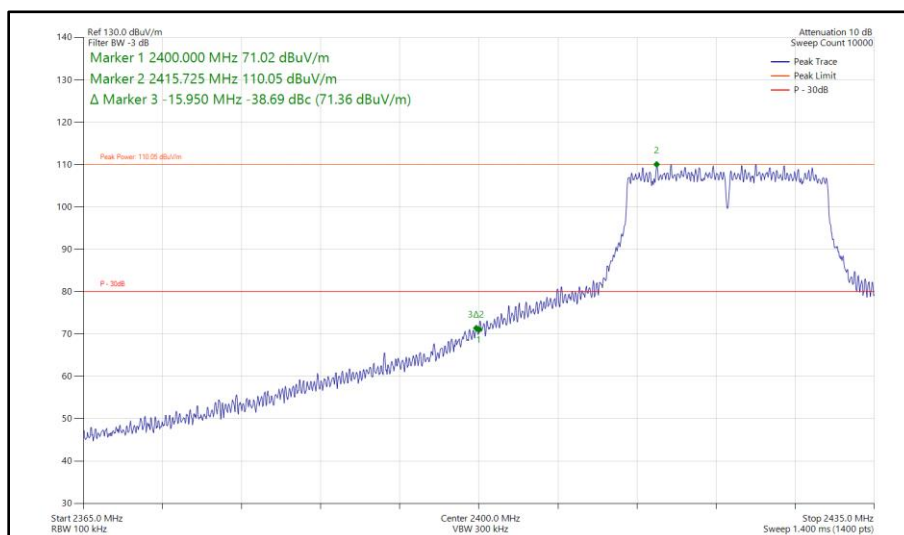
**Figure 133 - 802.11g, SISO, Core 0 - 2427 MHz  
Band Edge Frequency 2400 MHz**



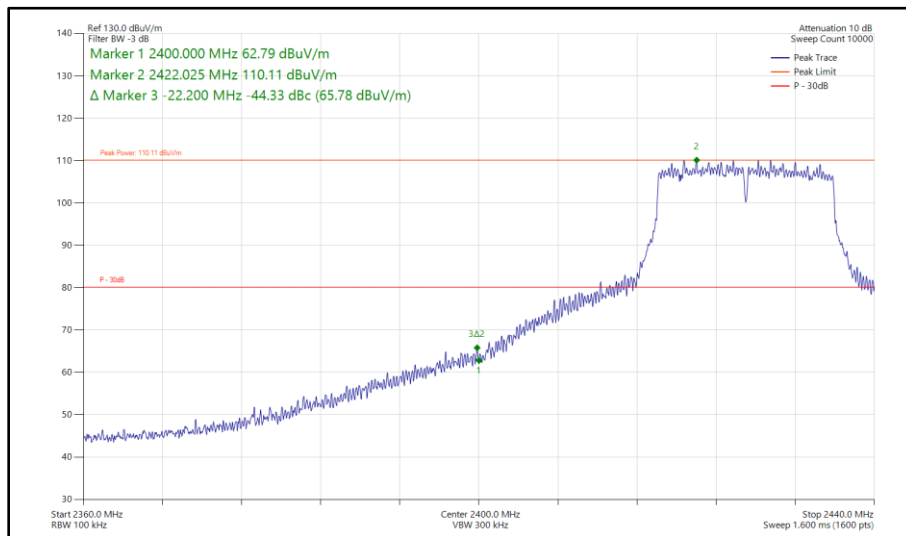
**Figure 134 - 802.11n HT20, SISO, Core 0 - 2412 MHz  
Band Edge Frequency 2400 MHz**



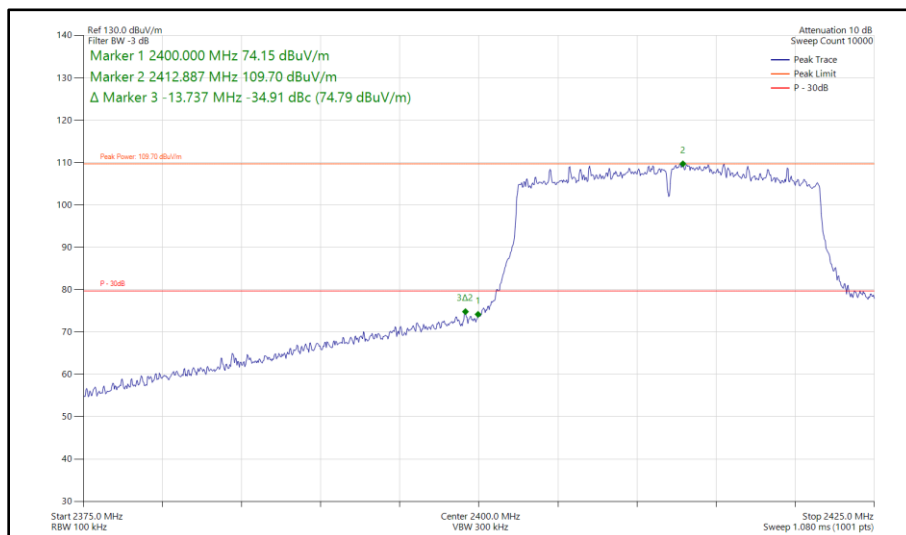
**Figure 135 - 802.11n HT20, SISO, Core 0 - 2417 MHz  
Band Edge Frequency 2400 MHz**



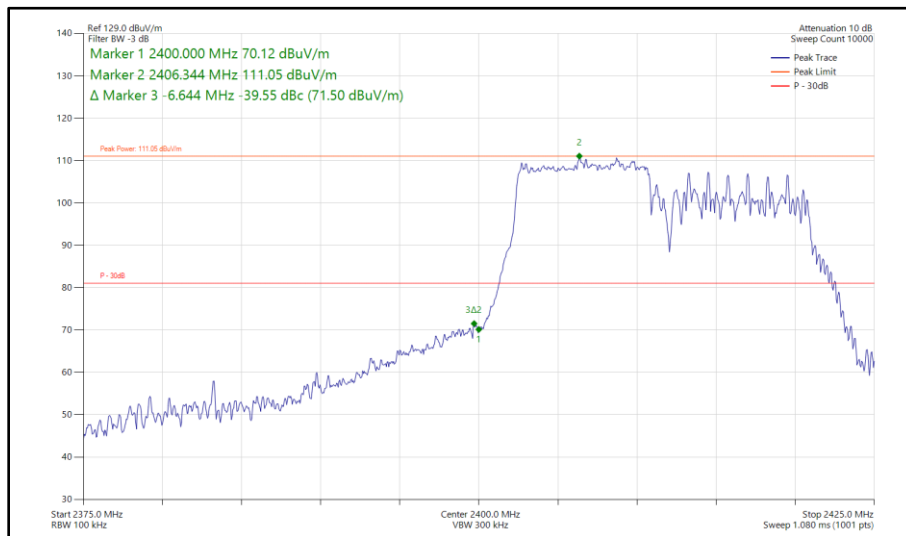
**Figure 136 - 802.11n HT20, SISO, Core 0 - 2422 MHz  
Band Edge Frequency 2400 MHz**



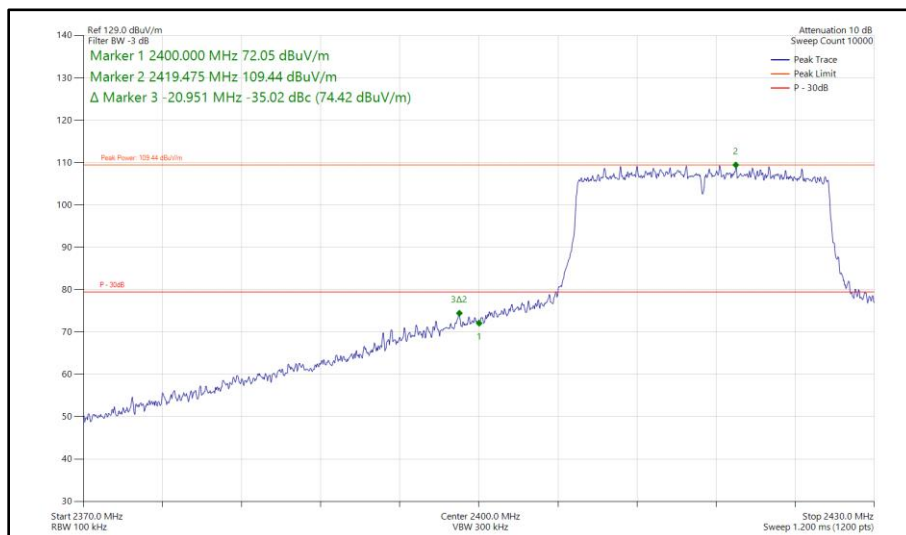
**Figure 137 - 802.11n HT20, SISO, Core 0 - 2427 MHz  
Band Edge Frequency 2400 MHz**



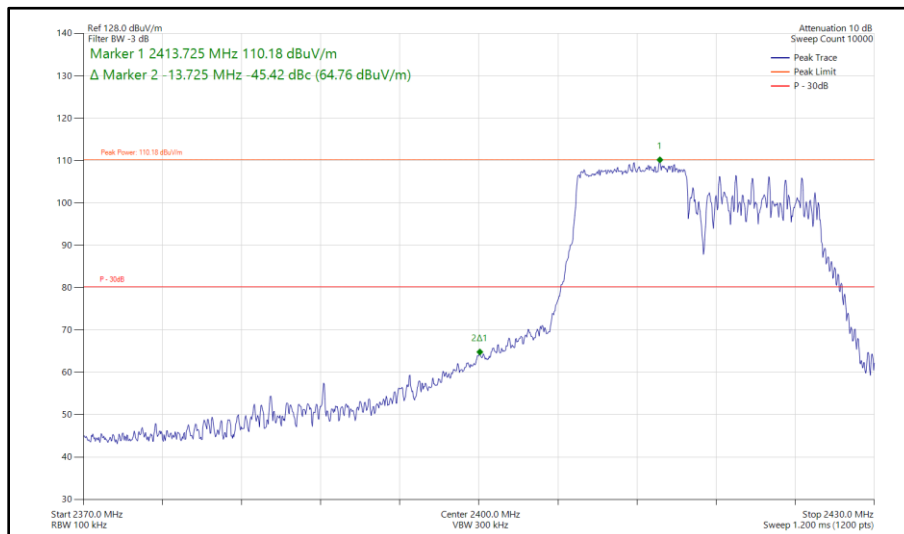
**Figure 138 - 802.11ax HE20, SU, SISO, Core 0 - 2412 MHz  
Band Edge Frequency 2400 MHz**



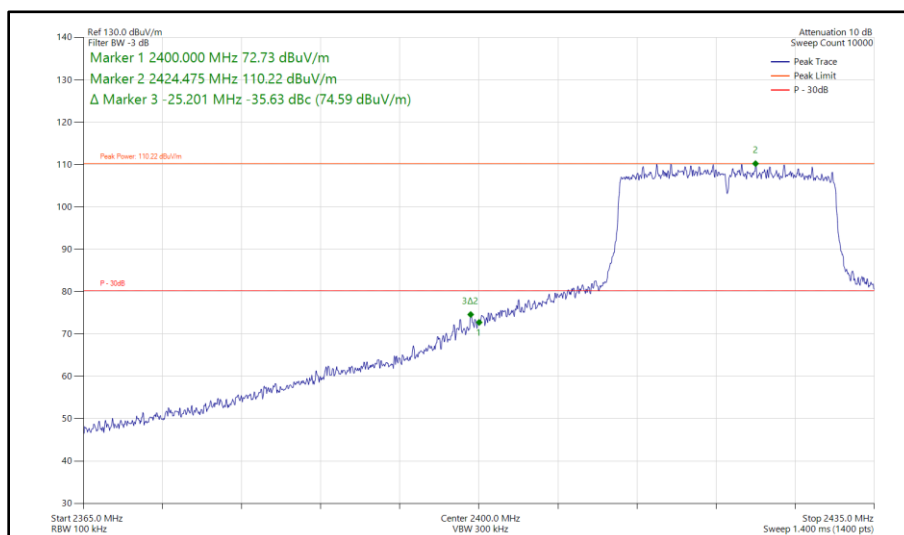
**Figure 139 - 802.11ax HE20, RU 106-53, SISO, Core 0 - 2412 MHz  
Band Edge Frequency 2400 MHz**



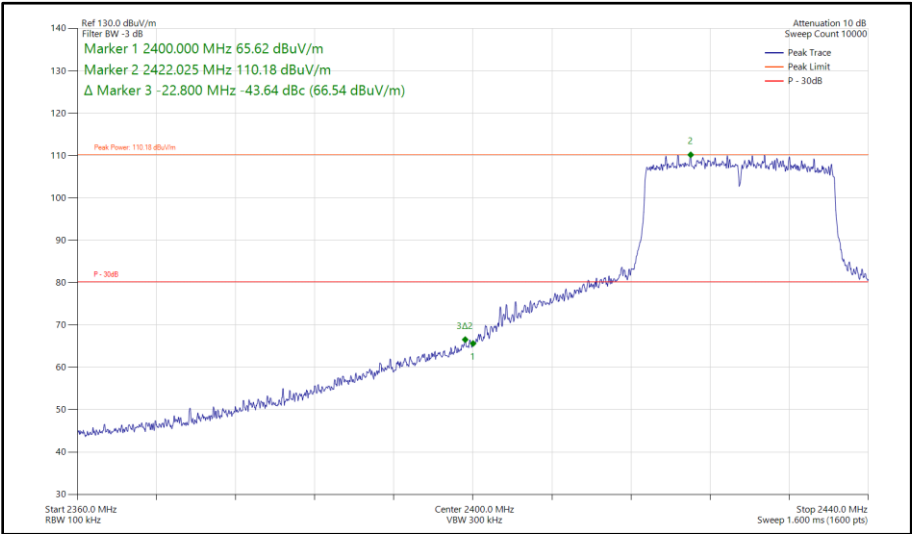
**Figure 140 - 802.11ax HE20, SU, SISO, Core 0 - 2417 MHz  
Band Edge Frequency 2400 MHz**



**Figure 141 - 802.11ax HE20, RU 106-53, SISO, Core 0 - 2417 MHz  
Band Edge Frequency 2400 MHz**



**Figure 142 - 802.11ax HE20, SU, SISO, Core 0 - 2422 MHz  
Band Edge Frequency 2400 MHz**

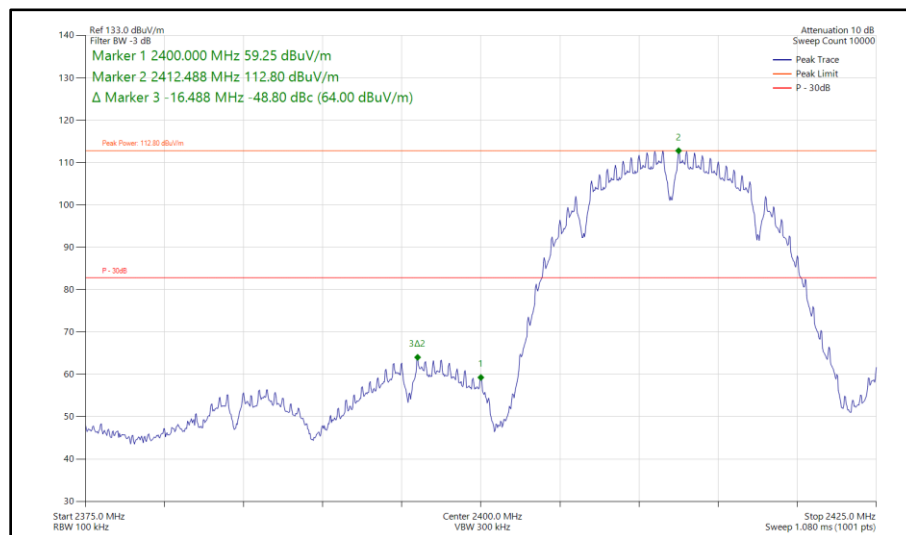


**Figure 143 - 802.11ax HE20, SU, SISO, Core 0 - 2427 MHz  
Band Edge Frequency 2400 MHz**

20 MHz Bandwidth - Core 1 (SISO)

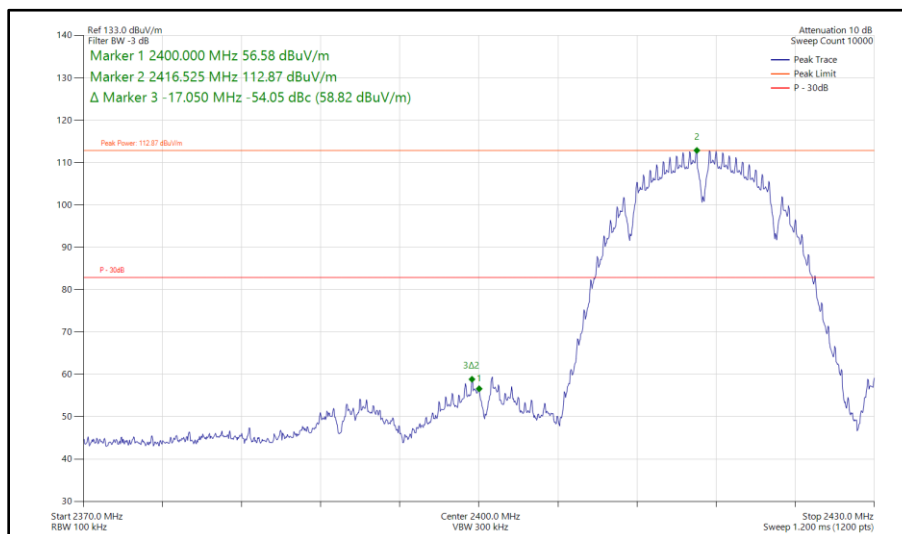
| Mode          | Data Rate/<br>MCS | Resource<br>Size | Resource<br>Index | TX Frequency<br>(MHz) | Band Edge<br>Frequency<br>(MHz) | Level (dBc) |
|---------------|-------------------|------------------|-------------------|-----------------------|---------------------------------|-------------|
| 802.11b       | 1 Mbps            | -                | -                 | 2412                  | 2400                            | -48.80      |
| 802.11b       | 1 Mbps            | -                | -                 | 2417                  | 2400                            | -54.05      |
| 802.11g       | 54 Mbps           | -                | -                 | 2412                  | 2400                            | -34.53      |
| 802.11g       | 54 Mbps           | -                | -                 | 2417                  | 2400                            | -35.84      |
| 802.11g       | 54 Mbps           | -                | -                 | 2422                  | 2400                            | -39.34      |
| 802.11g       | 54 Mbps           | -                | -                 | 2427                  | 2400                            | -48.02      |
| 802.11n HT20  | MCS 7             | -                | -                 | 2412                  | 2400                            | -35.07      |
| 802.11n HT20  | MCS 7             | -                | -                 | 2417                  | 2400                            | -35.04      |
| 802.11n HT20  | MCS 7             | -                | -                 | 2422                  | 2400                            | -37.69      |
| 802.11n HT20  | MCS 7             | -                | -                 | 2427                  | 2400                            | -45.97      |
| 802.11ax HE20 | MCS 4x1           | SU               | -                 | 2412                  | 2400                            | -34.95      |
| 802.11ax HE20 | MCS 9x1           | 106              | 53                | 2412                  | 2400                            | -40.23      |
| 802.11ax HE20 | MCS 9x1           | SU               | -                 | 2417                  | 2400                            | -34.94      |
| 802.11ax HE20 | MCS 9x1           | 106              | 53                | 2417                  | 2400                            | -48.36      |
| 802.11ax HE20 | MCS 9x1           | SU               | -                 | 2422                  | 2400                            | -36.14      |
| 802.11ax HE20 | MCS 9x1           | SU               | -                 | 2427                  | 2400                            | -45.02      |

**Table 57 - SISO Authorised Band Edge Results**

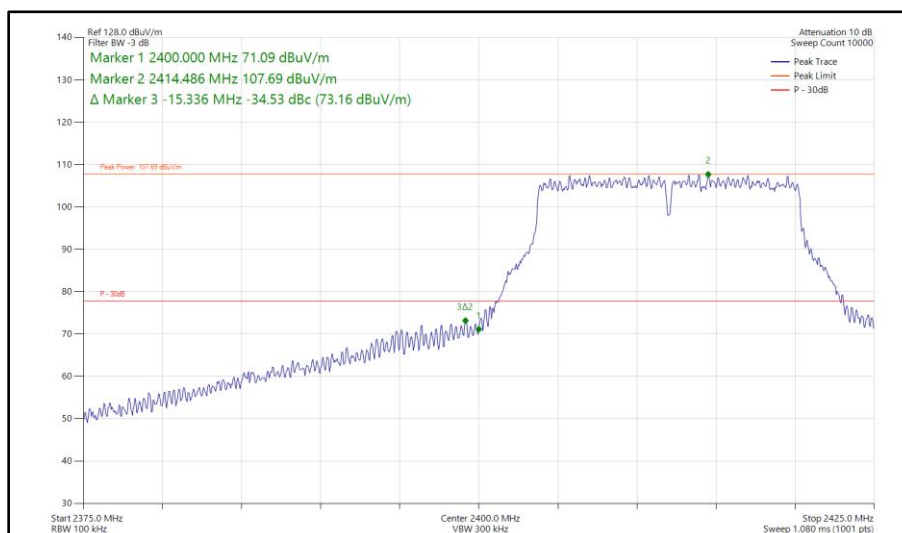


**Figure 144 - 802.11b, SISO, Core 1 - 2412 MHz  
Band Edge Frequency 2400 MHz**

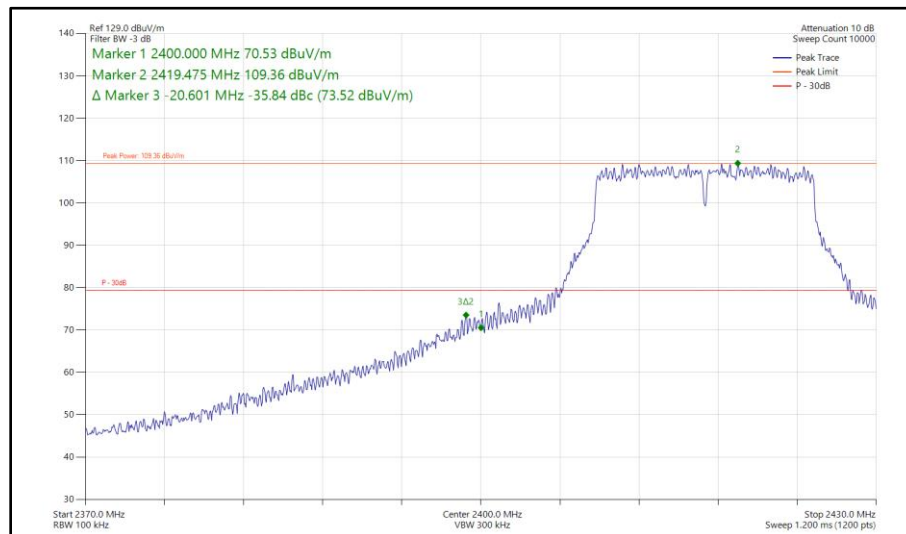




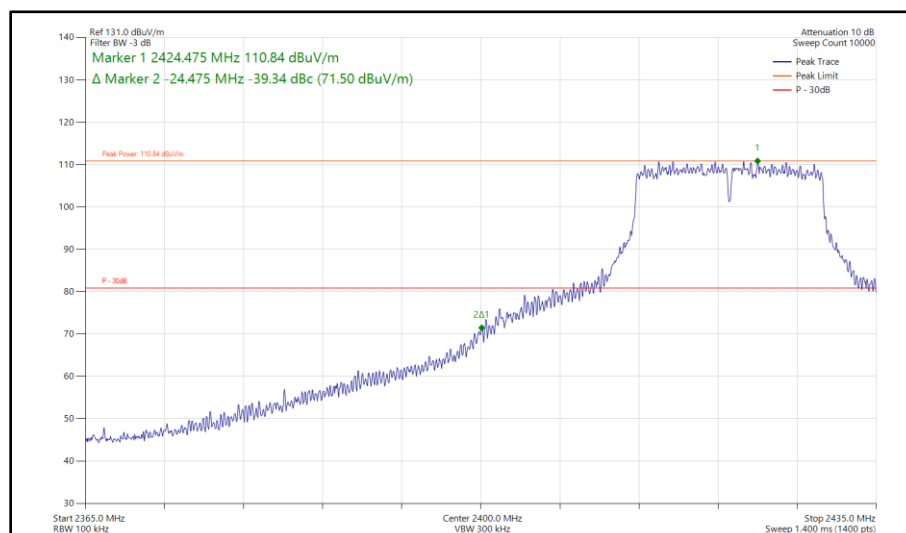
**Figure 145 - 802.11b, SISO, Core 1 - 2417 MHz  
Band Edge Frequency 2400 MHz**



**Figure 146 - 802.11g, SISO, Core 1 - 2412 MHz  
Band Edge Frequency 2400 MHz**



**Figure 147 - 802.11g, SISO, Core 1 - 2417 MHz  
Band Edge Frequency 2400 MHz**



**Figure 148 - 802.11g, SISO, Core 1 - 2422 MHz  
Band Edge Frequency 2400 MHz**

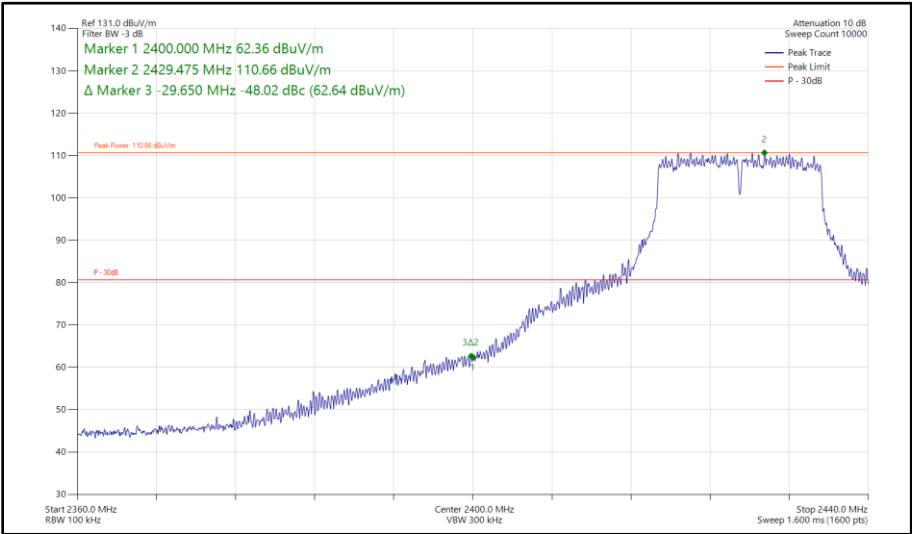


Figure 149 - 802.11g, SISO, Core 1 - 2427 MHz  
Band Edge Frequency 2400 MHz

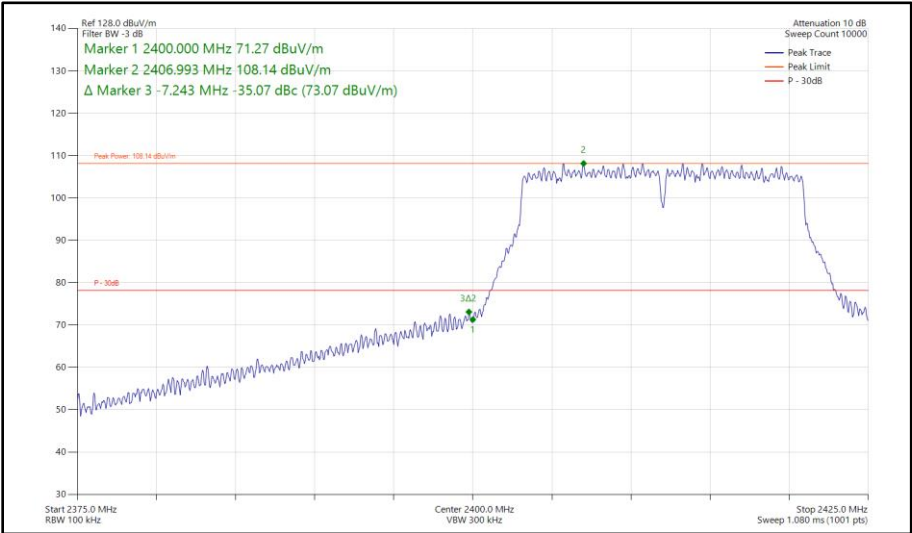


Figure 150 - 802.11n HT20, SISO, Core 1 - 2412 MHz  
Band Edge Frequency 2400 MHz

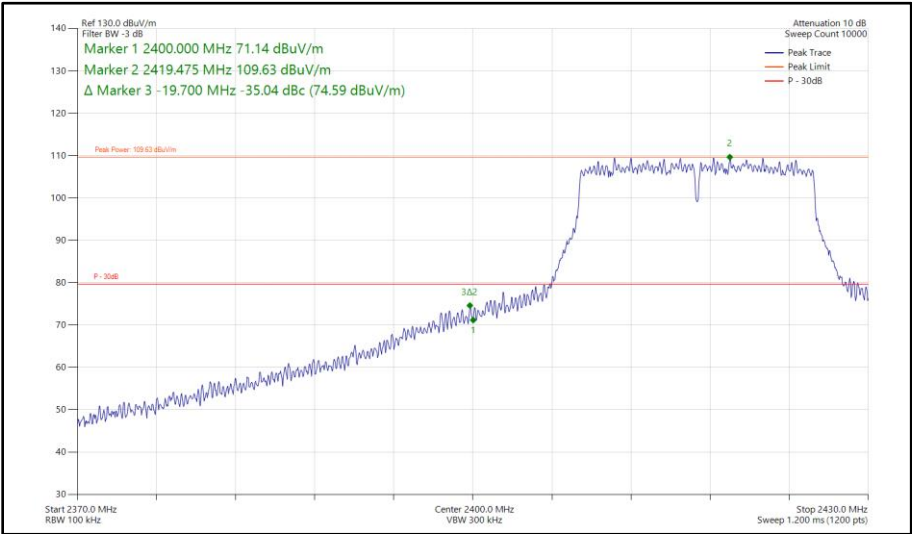


Figure 151 - 802.11n HT20, SISO, Core 1 - 2417 MHz  
Band Edge Frequency 2400 MHz

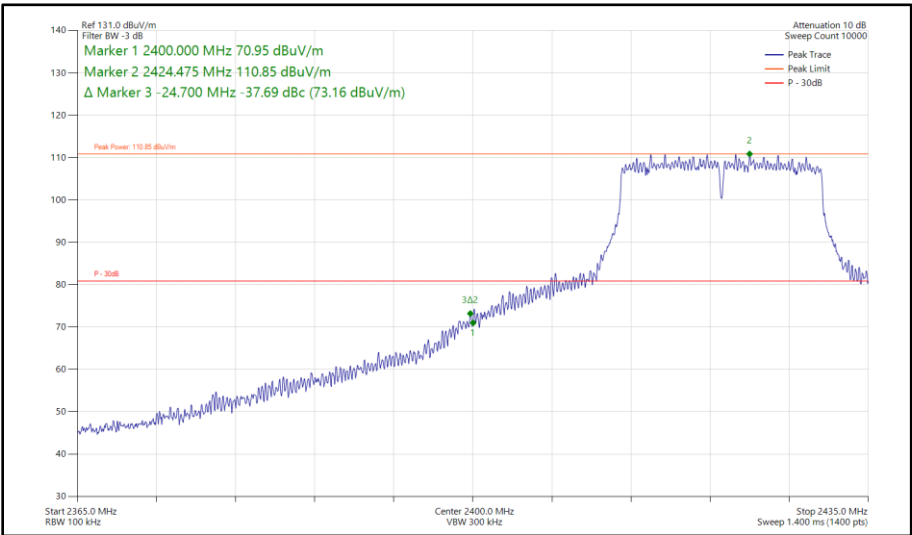


Figure 152 - 802.11n HT20, SISO, Core 1 - 2422 MHz  
Band Edge Frequency 2400 MHz

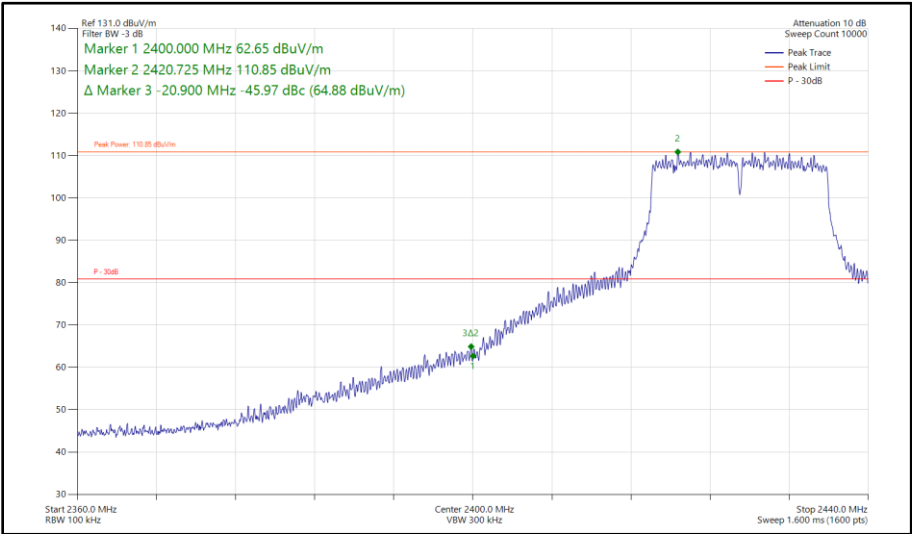


Figure 153 - 802.11n HT20, SISO, Core 1 - 2427 MHz  
Band Edge Frequency 2400 MHz

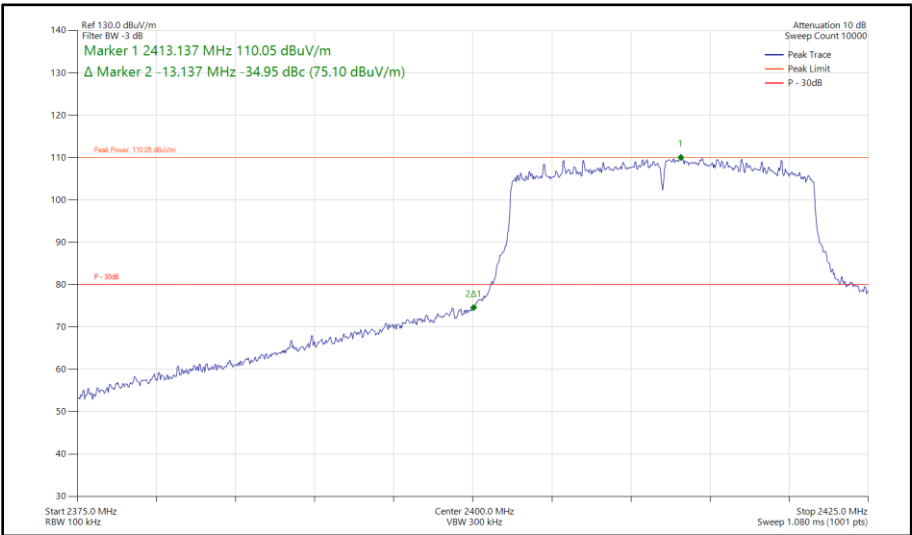
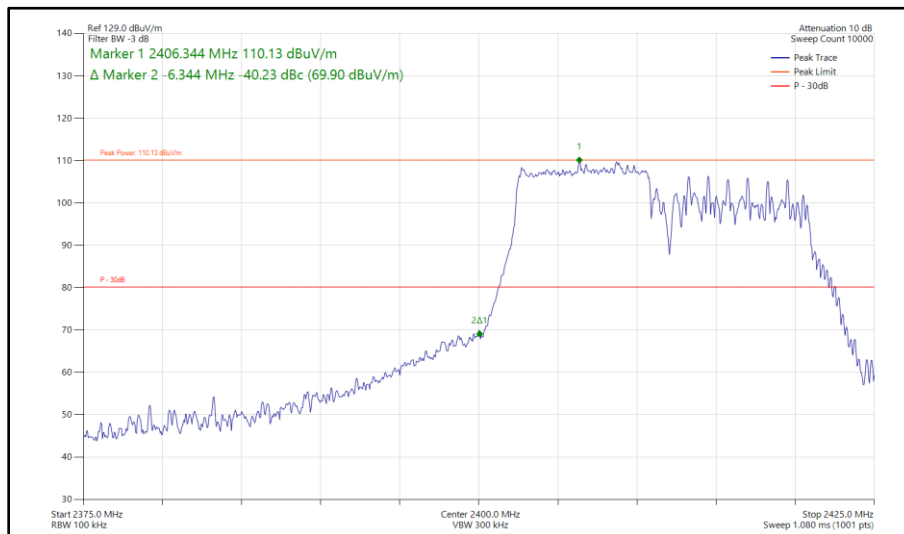
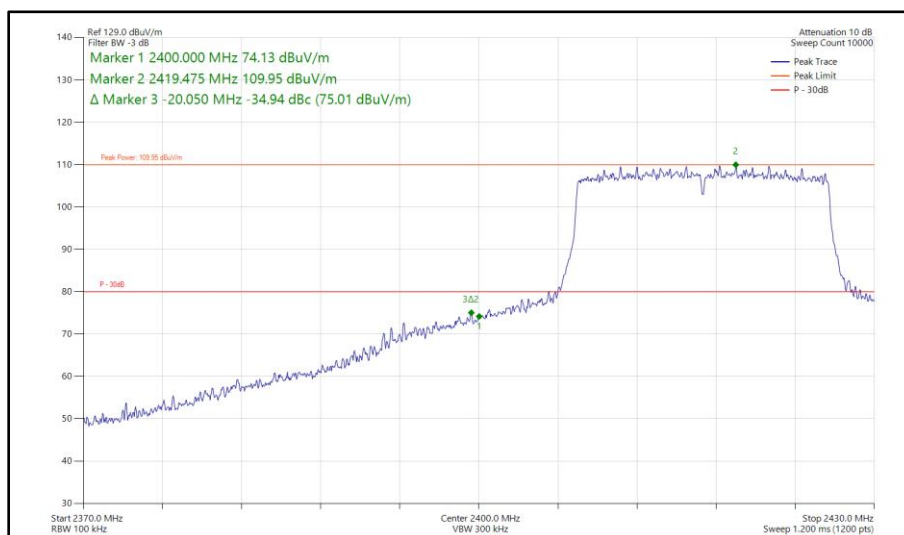


Figure 154 - 802.11ax HE20, SU, SISO, Core 1 - 2412 MHz  
Band Edge Frequency 2400 MHz



**Figure 155 - 802.11ax HE20, RU 106-53, SISO, Core 1 - 2412 MHz  
Band Edge Frequency 2400 MHz**



**Figure 156 - 802.11ax HE20, SU, SISO, Core 1 - 2417 MHz  
Band Edge Frequency 2400 MHz**

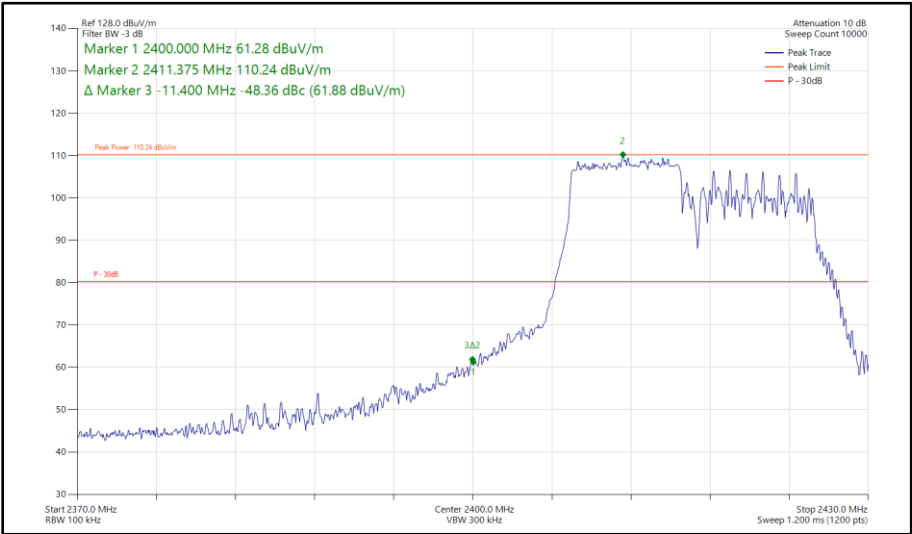


Figure 157 - 802.11ax HE20, RU 106-53, SISO, Core 1 - 2417 MHz  
Band Edge Frequency 2400 MHz

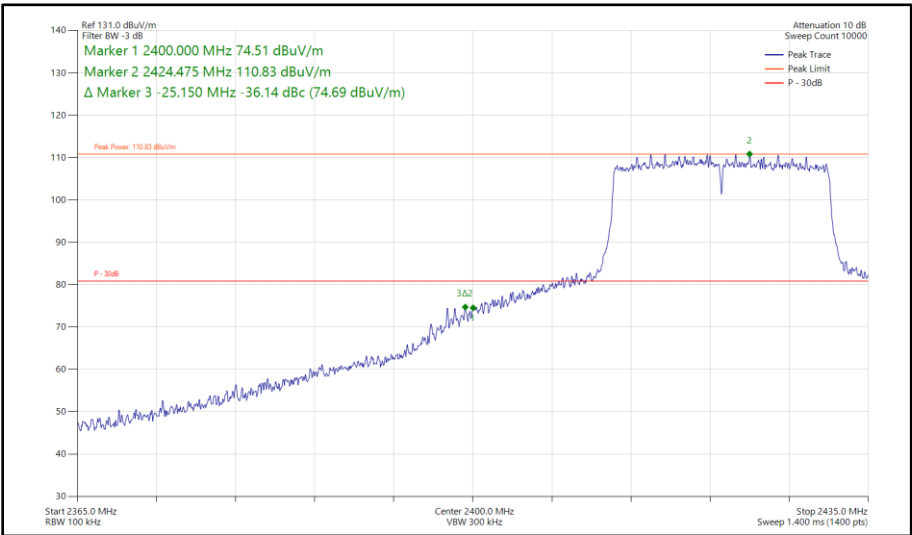
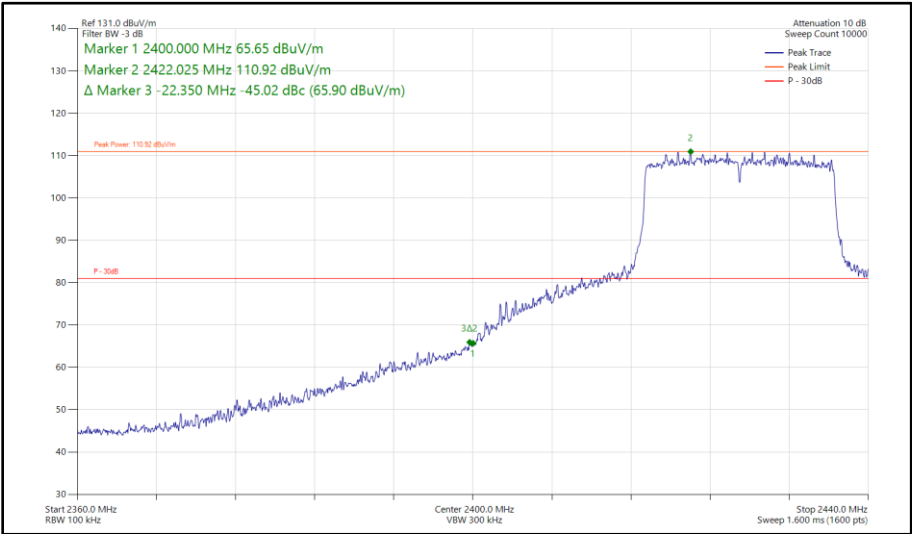


Figure 158 - 802.11ax HE20, SU, SISO, Core 1 - 2422 MHz  
Band Edge Frequency 2400 MHz



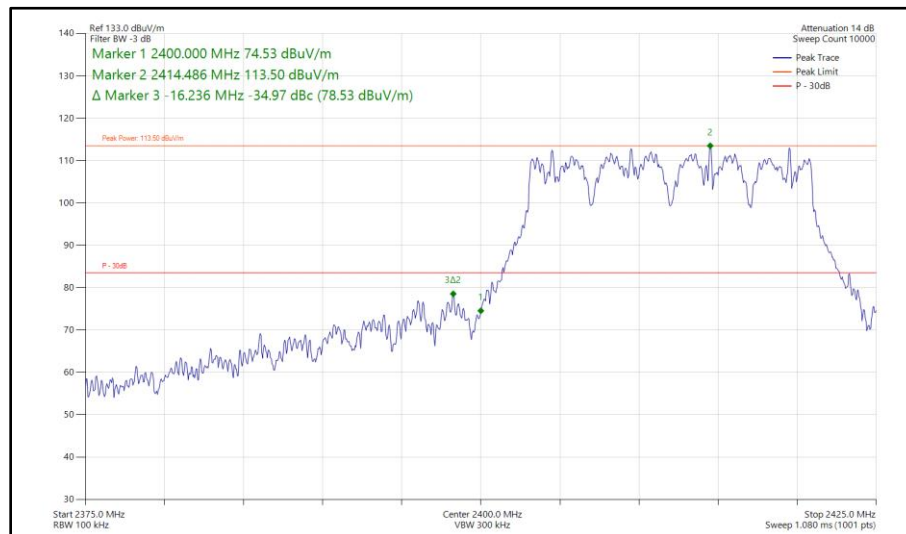
**Figure 159 - 802.11ax HE20, SU, SISO, Core 1 - 2427 MHz  
Band Edge Frequency 2400 MHz**



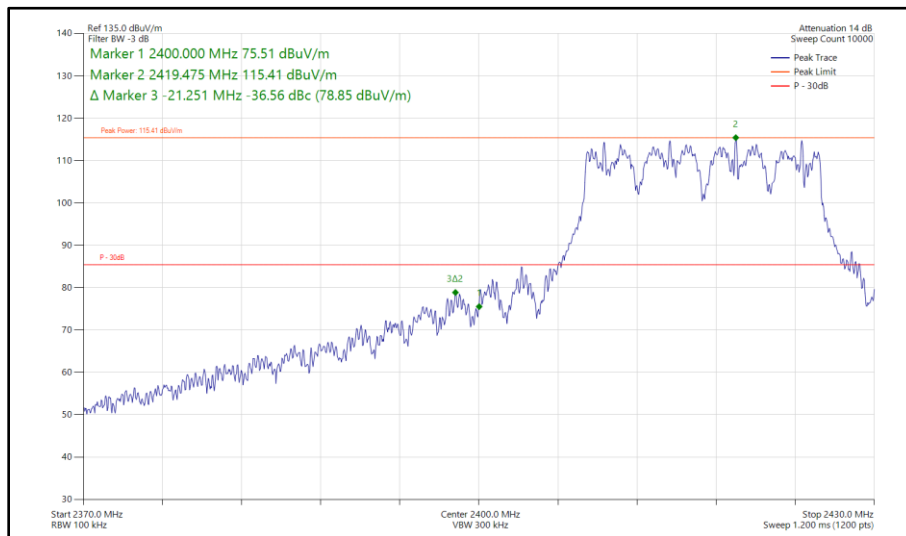
20 MHz Bandwidth - Core 0 - Core 1 (CDD)

| Mode          | Data Rate/<br>MCS | Resource<br>Size | Resource<br>Index | TX Frequency<br>(MHz) | Band Edge<br>Frequency<br>(MHz) | Level (dBc) |
|---------------|-------------------|------------------|-------------------|-----------------------|---------------------------------|-------------|
| 802.11n HT20  | MCS 7             | -                | -                 | 2412                  | 2400                            | -34.97      |
| 802.11n HT20  | MCS 7             | -                | -                 | 2417                  | 2400                            | -36.56      |
| 802.11n HT20  | MCS 7             | -                | -                 | 2422                  | 2400                            | -39.71      |
| 802.11n HT20  | MCS 7             | -                | -                 | 2427                  | 2400                            | -46.49      |
| 802.11n HT20  | MCS 7             | -                | -                 | 2432                  | 2400                            | -49.42      |
| 802.11ax HE20 | MCS 9x1           | SU               | -                 | 2412                  | 2400                            | -34.71      |
| 802.11ax HE20 | MCS 9x1           | 106              | 53                | 2412                  | 2400                            | -39.59      |
| 802.11ax HE20 | MCS 9x1           | SU               | -                 | 2417                  | 2400                            | -35.84      |
| 802.11ax HE20 | MCS 9x1           | 106              | 53                | 2417                  | 2400                            | -47.71      |
| 802.11ax HE20 | MCS 9x1           | SU               | -                 | 2422                  | 2400                            | -36.52      |
| 802.11ax HE20 | MCS 9x1           | 106              | 53                | 2422                  | 2400                            | -52.81      |
| 802.11ax HE20 | MCS 9x1           | SU               | -                 | 2427                  | 2400                            | -44.29      |
| 802.11ax HE20 | MCS 9x1           | SU               | -                 | 2432                  | 2400                            | -48.16      |

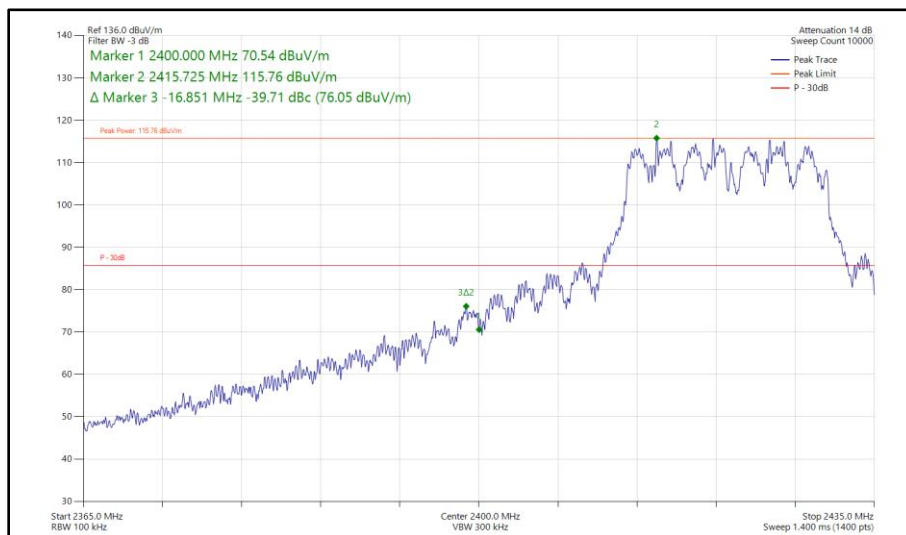
**Table 58 - CDD Authorised Band Edge Results**



**Figure 160 - 802.11n HT20, CDD, Core 0 - Core 1 - 2412 MHz  
Band Edge Frequency 2400 MHz**



**Figure 161 - 802.11n HT20, CDD, Core 0 - Core 1 - 2417 MHz  
Band Edge Frequency 2400 MHz**



**Figure 162 - 802.11n HT20, CDD, Core 0 - Core 1 - 2422 MHz  
Band Edge Frequency 2400 MHz**

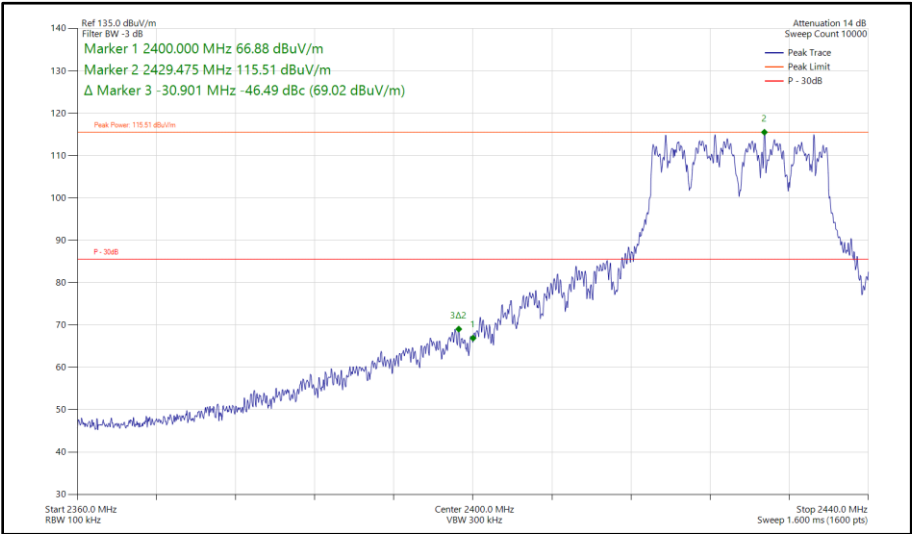


Figure 163 - 802.11n HT20, CDD, Core 0 - Core 1 - 2427 MHz  
Band Edge Frequency 2400 MHz

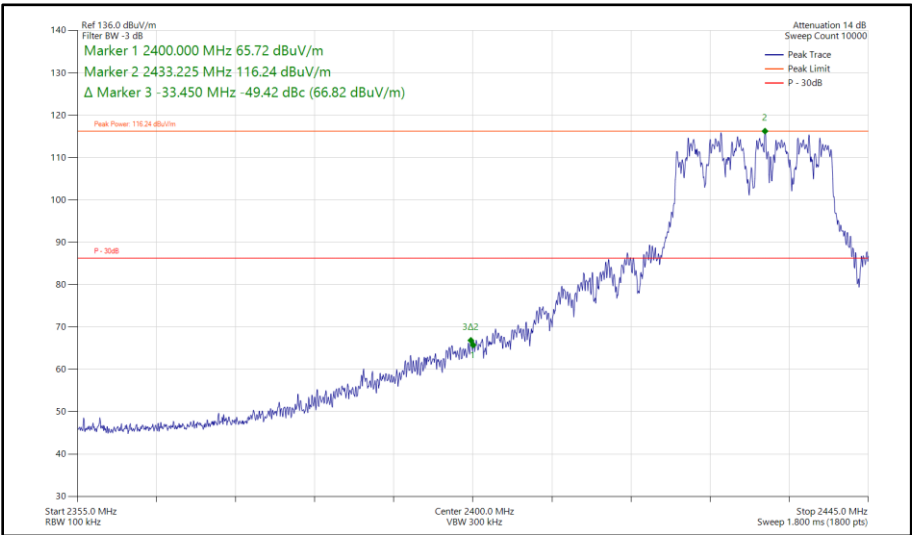


Figure 164 - 802.11n HT20, CDD, Core 0 - Core 1 - 2432 MHz  
Band Edge Frequency 2400 MHz

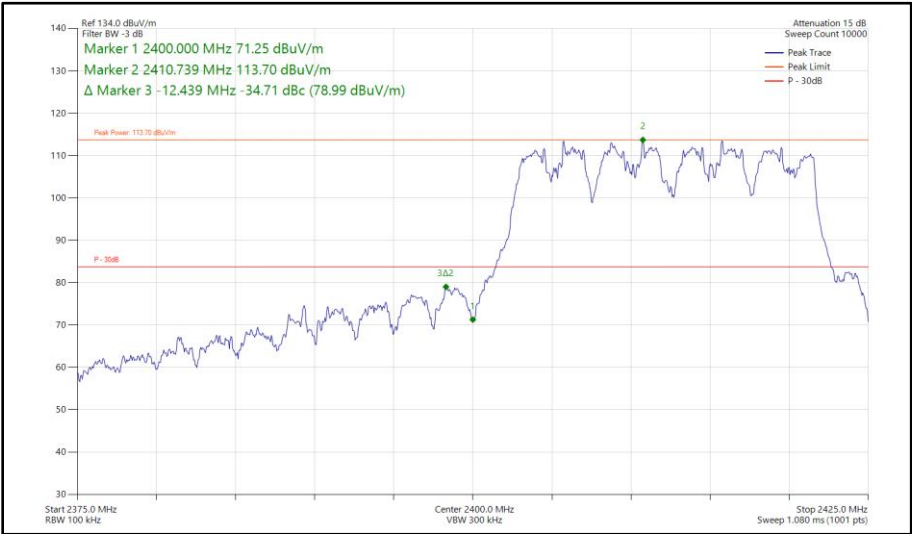


Figure 165 - 802.11ax HE20, SU, CDD, Core 0 - Core 1 - 2412 MHz  
Band Edge Frequency 2400 MHz

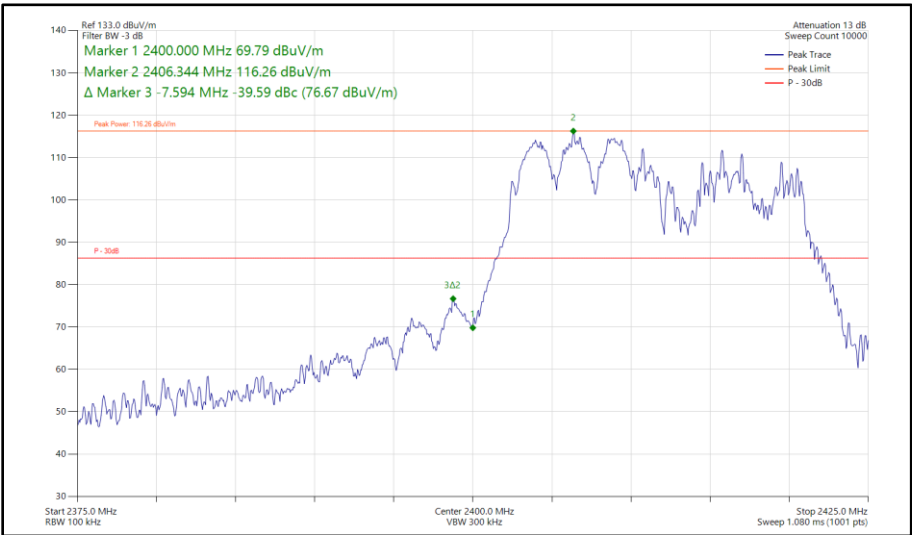
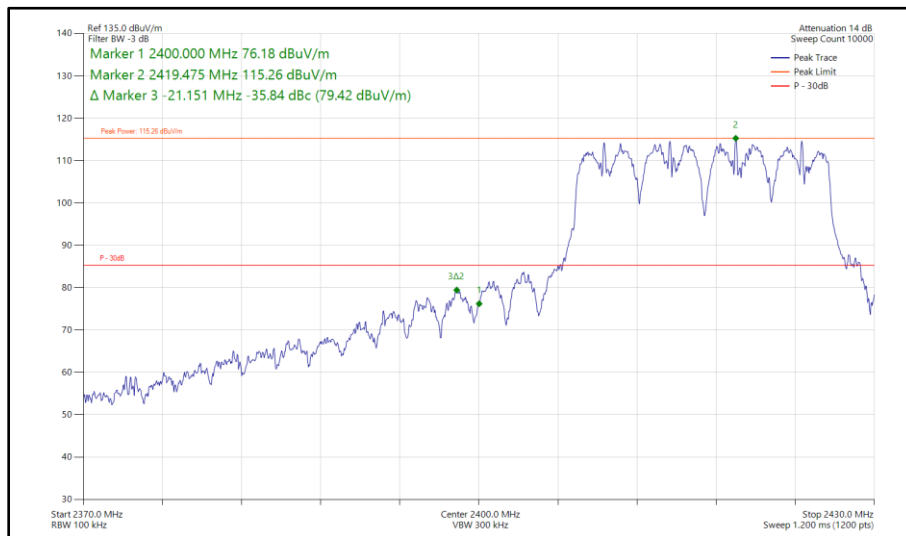
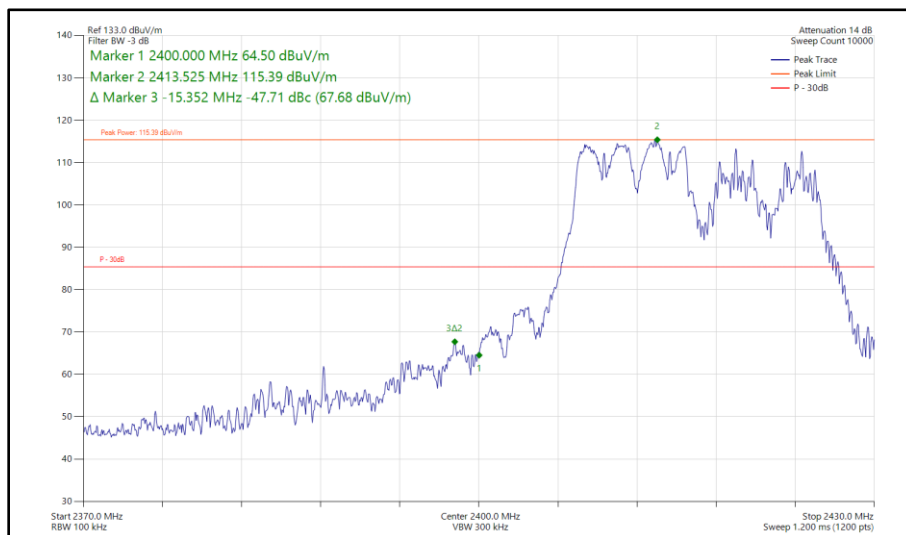


Figure 166 - 802.11ax HE20, RU 106-53, CDD, Core 0 - Core 1 - 2412 MHz  
Band Edge Frequency 2400 MHz



**Figure 167 - 802.11ax HE20, SU, CDD, Core 0 - Core 1 - 2417 MHz  
Band Edge Frequency 2400 MHz**



**Figure 168 - 802.11ax HE20, RU 106-53, CDD, Core 0 - Core 1 - 2417 MHz  
Band Edge Frequency 2400 MHz**

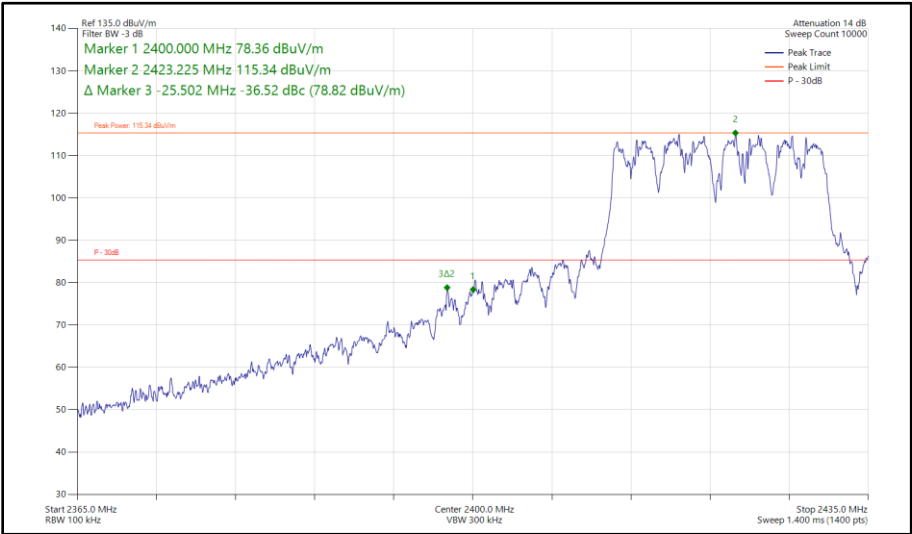


Figure 169 - 802.11ax HE20, SU, CDD, Core 0 - Core 1 - 2422 MHz  
Band Edge Frequency 2400 MHz

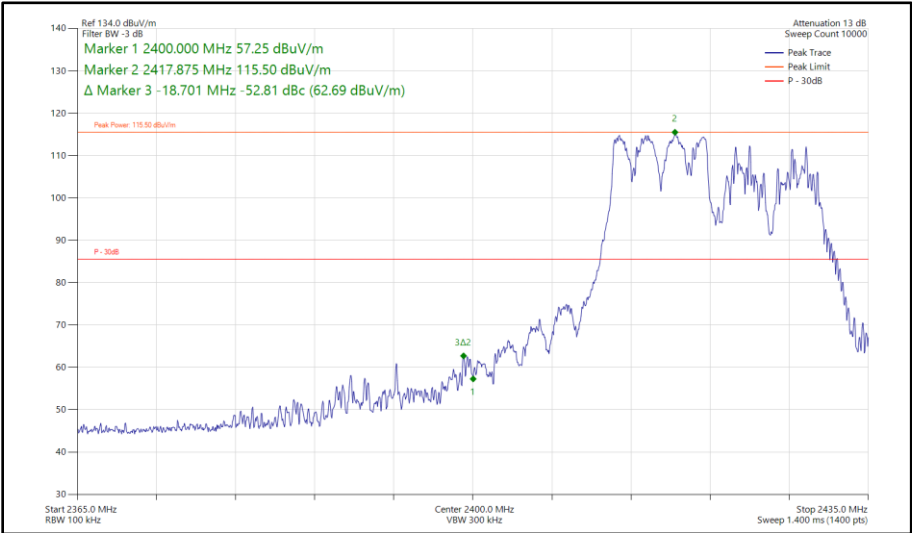


Figure 170 - 802.11ax HE20, RU 106-53, CDD, Core 0 - Core 1 - 2422 MHz  
Band Edge Frequency 2400 MHz

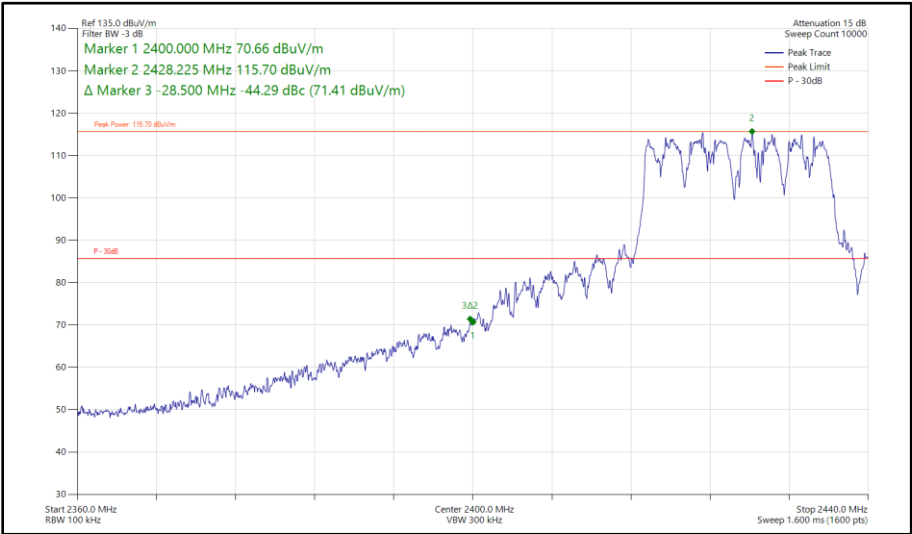


Figure 171 - 802.11ax HE20, SU, CDD, Core 0 - Core 1 - 2427 MHz  
Band Edge Frequency 2400 MHz

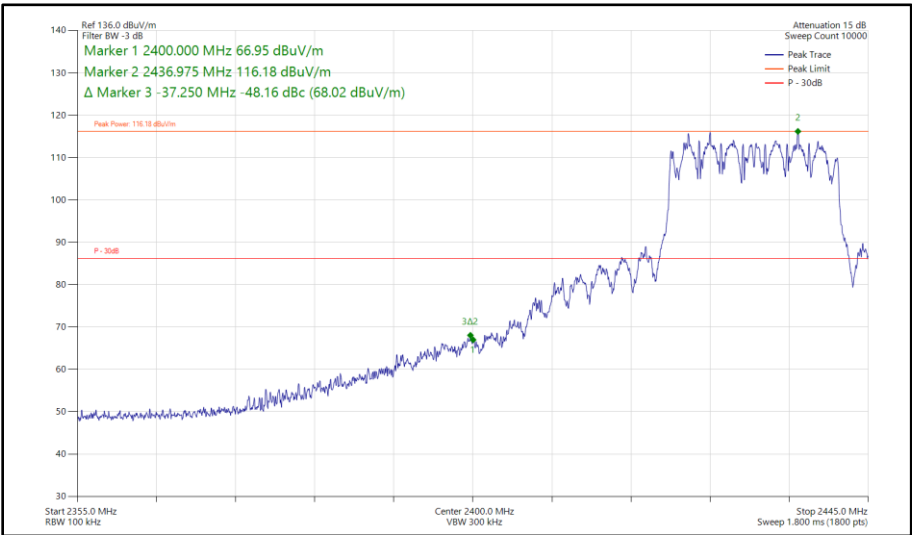


Figure 172 - 802.11ax HE20, SU, CDD, Core 0 - Core 1 - 2432 MHz  
Band Edge Frequency 2400 MHz



FCC 47 CFR Part 15, Limit Clause 15.247 (d)

20 dB below the fundamental measured in a 100 kHz bandwidth using a peak detector. If the transmitter complies with the conducted power limits, based on the use of RMS averaging over a time interval, the attenuation required shall be 30 dB below the fundamental instead of 20 dB.

ISED RSS-247, Limit Clause 5.5

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated device is operating, the RF power that is produced shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided that the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of root-mean-square averaging over a time interval, as permitted under Section 5.4(4), the attenuation required shall be 30 dB instead of 20 dB. Attenuation below the general field strength limits specified in RSS-Gen is not required.

## 2.4.7 Test Location and Test Equipment Used

This test was carried out in RF Chamber 14 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                | 5912   | 12                          | 07-Aug-2025             |
| 1500W (300V 12A) AC Power Supply     | iTech              | IT7324               | 5955   | -                           | 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                      |
| 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 | 6007   | 12                          | 20-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             |
| Digital Multimeter                   | Fluke              | 115                  | 6146   | 12                          | 06-Jun-2025             |
| Digital Multimeter                   | Fluke              | 115                  | 6147   | 12                          | 06-Jun-2025             |
| Humidity & Temperature meter         | R.S Components     | 1364                 | 6149   | 12                          | 12-Aug-2025             |





| Instrument            | Manufacturer    | Type No.             | TE No. | Calibration Period (months) | Calibration Expiry Date |
|-----------------------|-----------------|----------------------|--------|-----------------------------|-------------------------|
| SAC Switch Unit       | TUV SUD         | TUV_SSU_001          | 6190   | 12                          | 22-Dec-2024             |
| USB Spectrum Analyser | Signal Hound    | SA124B               | 6296   | -                           | TU                      |
| EMC Test Receiver     | Rohde & Schwarz | ESW44                | 6333   | 12                          | 16-Feb-2025             |
| SAC Switch Unit       | TUV SUD         | TUV_SSU_004 PLC      | 6349   | 12                          | 07-May-2025             |
| USB Spectrum Analyser | Signal Hound    | SA124B               | 6383   | -                           | TU                      |
| 1m Cable              | Junkosha        | MWX241-01000AMSAMS/B | 6741   | 12                          | 01-Feb-2025             |
| 8M SMA Cable          | Junkosha        | MWX221-08000AMSAMS/B | 6833   | 12                          | 14-Aug-2025             |
| 8M SMA Cable          | Junkosha        | MWX221-08000AMSAMS/B | 6834   | 12                          | 14-Aug-2025             |
| Handheld Hygrometer   | Fluke           | 971                  | 6838   | 12                          | 27-Aug-2025             |
| Cable Assembly        | SpecTech        | PE300-60             | 6857   | -                           | TU                      |
| Cable Assembly        | SpecTech        | PE300-60             | 6858   | -                           | TU                      |

**Table 59**

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



## **2.5 Spurious Radiated Emissions**

### **2.5.1 Specification Reference**

FCC 47 CFR Part 15C, Clause 15.209 and 15.247 (d)  
ISED RSS-247, Clause 3.3 and 5.5  
ISED RSS-GEN, Clause 6.13 and 8.9

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

A3241, S/N: DT7LYX5QXT - Modification State 0  
A3241, S/N: K2K9N270NG - Modification State 0

### **2.5.3 Date of Test**

30-September-2024 to 15-October-2024

### **2.5.4 Test Method**

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

Ports on the EUT were terminated with loads as described in ANSI C63.10 clause 6.2.3.

In the 30 MHz to 1 GHz range pre-scans were only performed on the mid channel (2442 MHz) only.

For frequencies > 1 GHz, plots for average measurements were taken in accordance with ANSI C63.10, clause 11.12.2.5.2.

The plots shown are the characterisation of the EUT. The limits on the plots represent the most stringent case for restricted bands, (74/54 dBuV/m) when compared to 20 dBc outside restricted bands. The limits shown have been used as a threshold to determine where further measurements are necessary. Where results are within 10 dB 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 dBμV/m to μV/m:  
 $10^{(\text{Field Strength in dB}\mu\text{V/m}/20)}$

Above 18 GHz, the measurement distance was reduced to 1 m. The limit line was increased by  $20 \cdot \text{LOG}(3/1) = 9.54$  dB.

At a measurement distance of 1 meter the limit line was increased by  $20 \cdot \text{LOG}(3/1) = 9.54$  dB.

Where formal measurements have been necessary, the results have been presented in the emissions table.

### 2.5.5 Example Test Setup Diagram

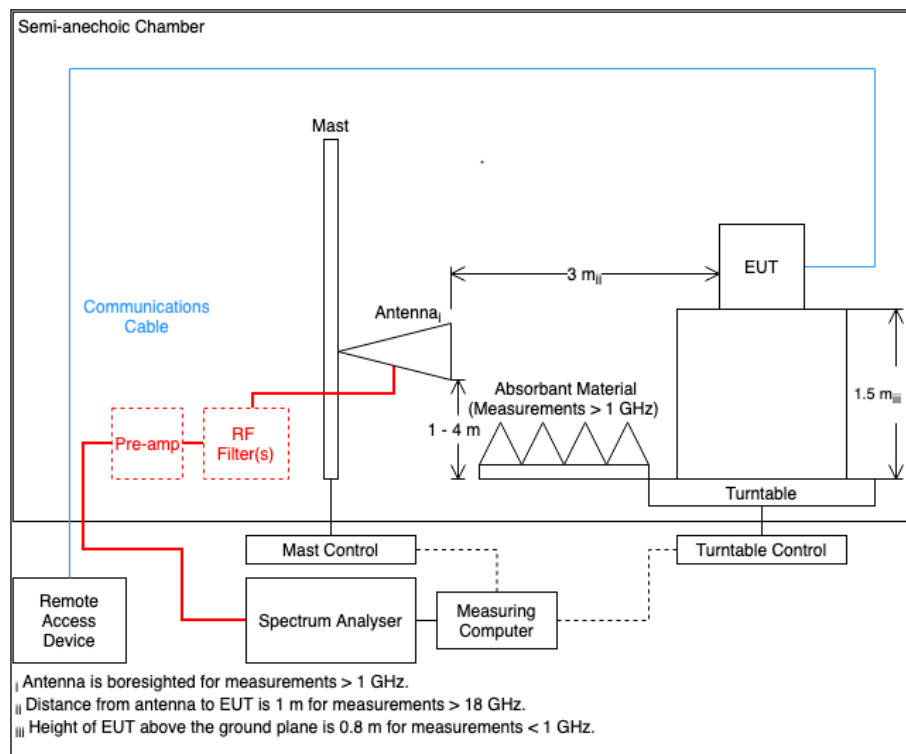


Figure 173

### 2.5.6 Environmental Conditions

|                     |                |
|---------------------|----------------|
| Ambient Temperature | 22.3 - 23.7 °C |
| Relative Humidity   | 44.8 - 51.1 %  |

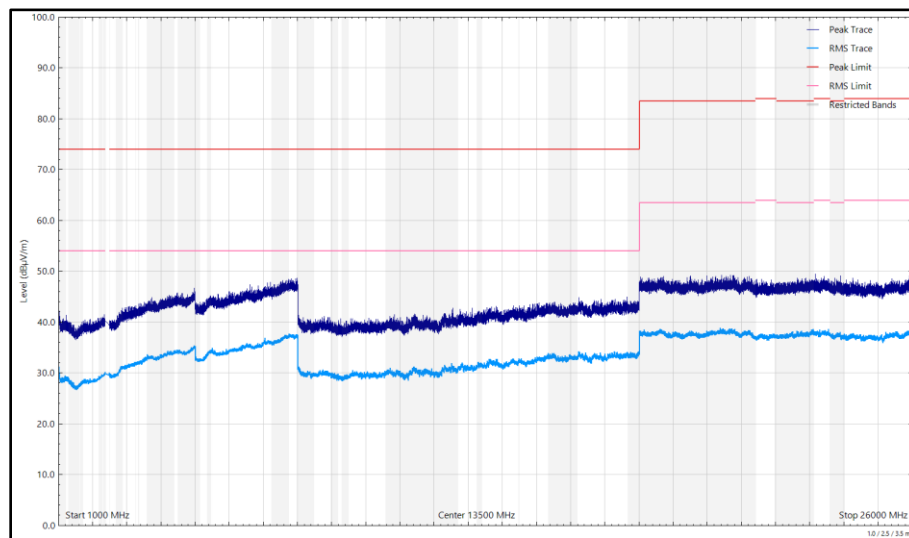
## 2.5.7 Test Results

### 2.4 GHz WLAN

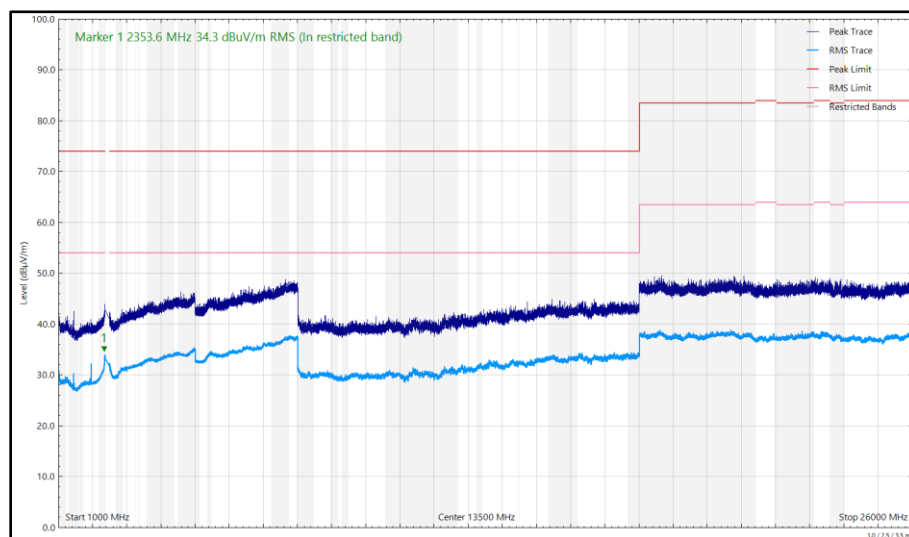
| Frequency (MHz) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------|----------------|-------------|----------|-----------|-------------|--------------|
| 2353.570        | 34.29          | 54.00          | -19.71      | RMS      | 354       | 312         | Vertical     |

**Table 60 - 2412 MHz (CH1), 802.11b, Core 0, 1 GHz to 26 GHz**

No other emissions found within 10 dB of the limit.



**Figure 174 - 2412 MHz (CH1), 802.11b, Core 0, 1 GHz to 26 GHz, Horizontal**

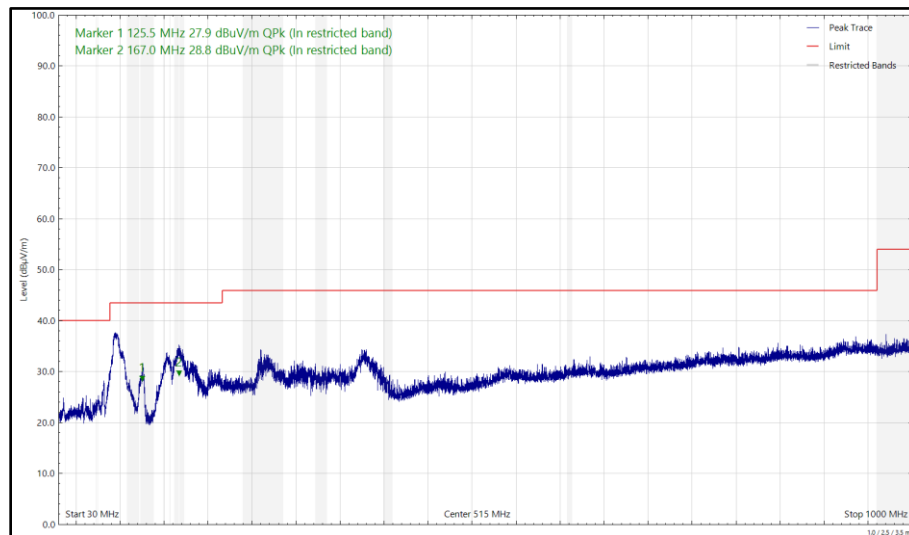


**Figure 175 - 2412 MHz (CH1), 802.11b, Core 0, 1 GHz to 26 GHz, Vertical**

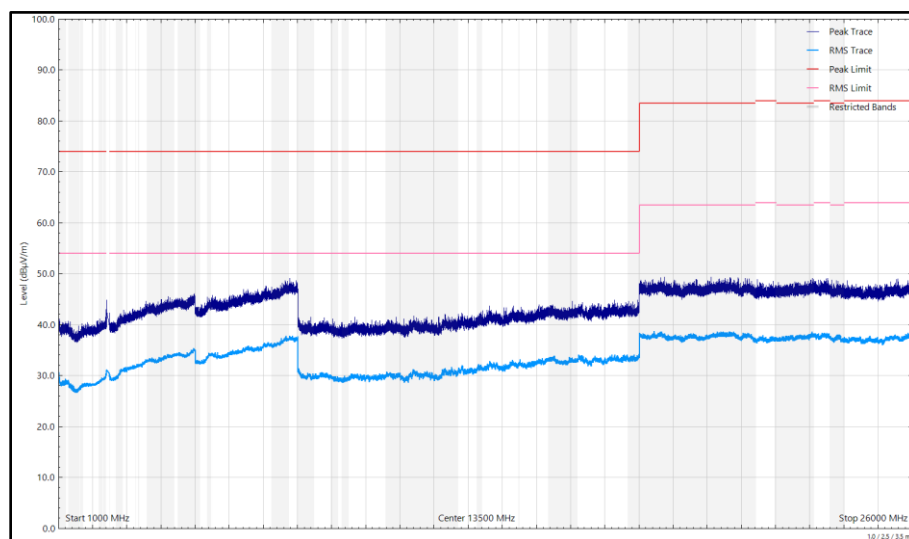
| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------------|----------------------|-------------|----------|-----------|-------------|--------------|
| 125.360         | 34.58                | 43.50                | -8.92       | Q-Peak   | 102       | 100         | Vertical     |
| 125.546         | 27.86                | 43.50                | -15.64      | Q-Peak   | 231       | 260         | Horizontal   |
| 167.047         | 28.83                | 43.50                | -14.67      | Q-Peak   | 200       | 243         | Horizontal   |
| 2389.816        | 34.77                | 54.00                | -19.23      | RMS      | 353       | 384         | Vertical     |
| 2399.820        | 58.55                | 74.00                | -15.45      | Peak     | 354       | 352         | Vertical     |
| 2483.841        | 36.19                | 54.00                | -17.81      | RMS      | 353       | 373         | Vertical     |
| 2483.921        | 57.28                | 74.00                | -16.72      | Peak     | 351       | 362         | Vertical     |

**Table 61 - 2442 MHz (CH7), 802.11b, Core 0, 30 MHz to 26 GHz**

No other emissions found within 10 dB of the limit.



**Figure 176 - 2442 MHz (CH7), 802.11b, Core 0, 30 MHz to 1 GHz, Horizontal (Peak)**



**Figure 177 - 2442 MHz (CH7), 802.11b, Core 0, 1 GHz to 26 GHz, Horizontal**

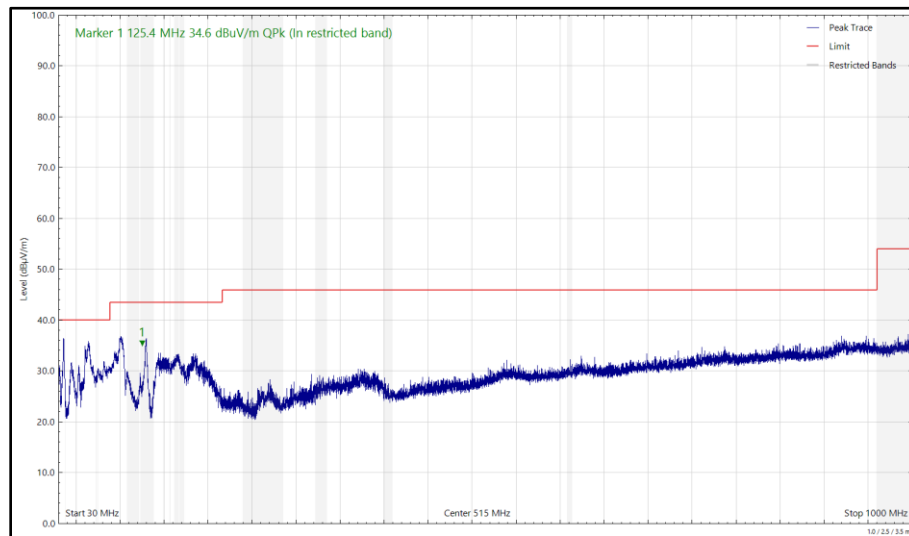


Figure 178 - 2442 MHz (CH7), 802.11b, Core 0, 30 MHz to 1 GHz, Vertical (Peak)

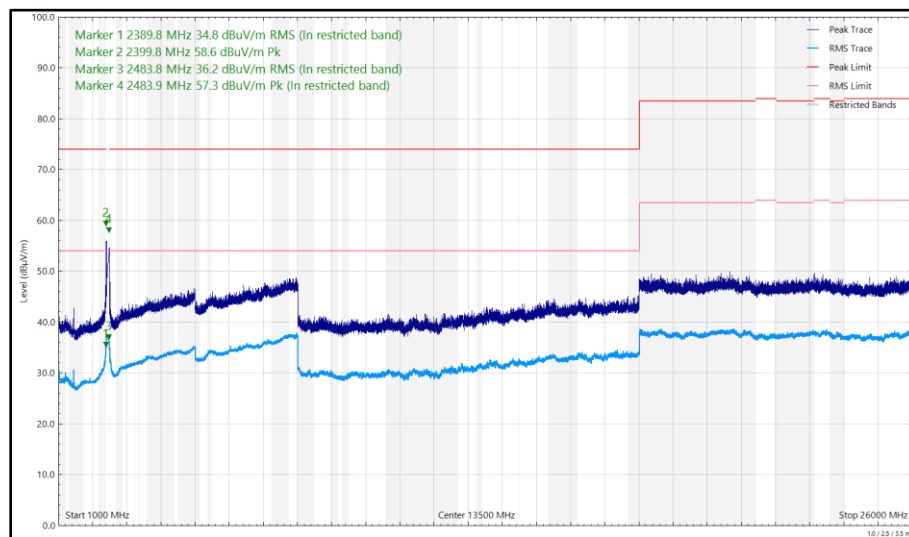


Figure 179 - 2442 MHz (CH7), 802.11b, Core 0, 1 GHz to 26 GHz, Vertical



| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------|----------------|-------------|----------|-----------|-------------|--------------|
| *               |                |                |             |          |           |             |              |

Table 62 - 2472 MHz (CH13), 802.11b, Core 0, 1 GHz to 26 GHz

\*No emissions found within 10 dB of the limit.

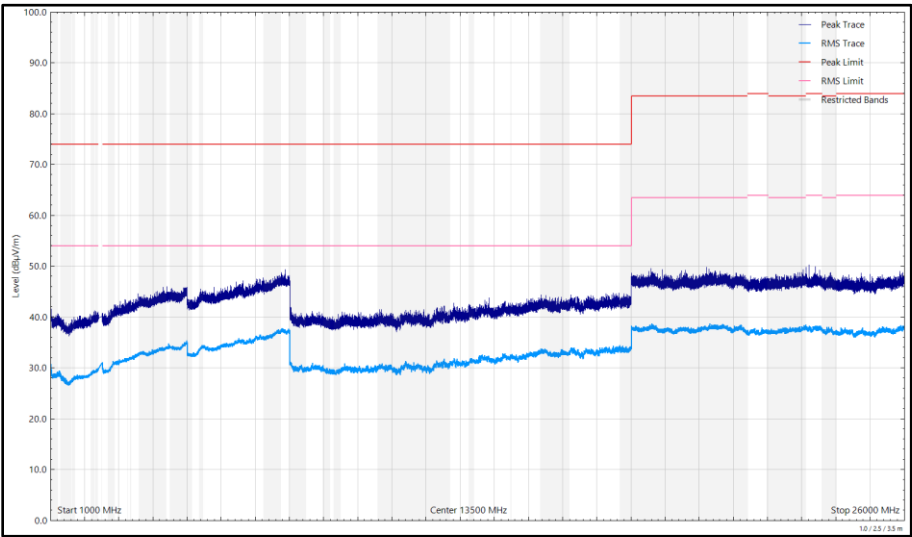


Figure 180 - 2472 MHz (CH13), 802.11b, Core 0, 1 GHz to 26 GHz, Horizontal

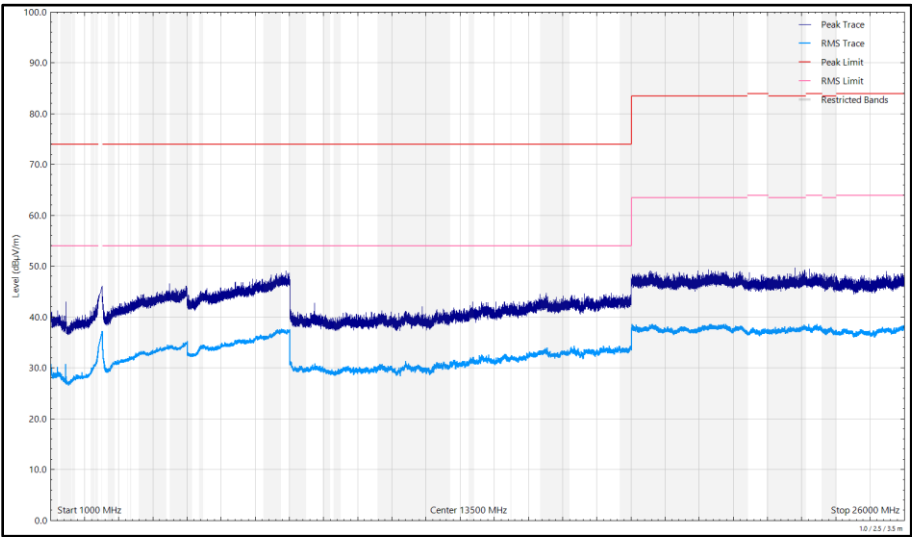
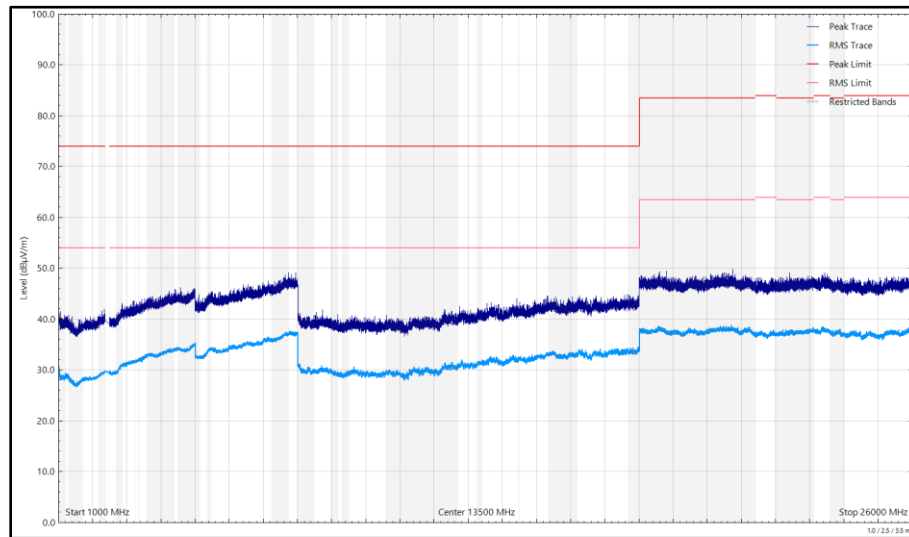


Figure 181 - 2472 MHz (CH13), 802.11b, Core 0, 1 GHz to 26 GHz, Vertical

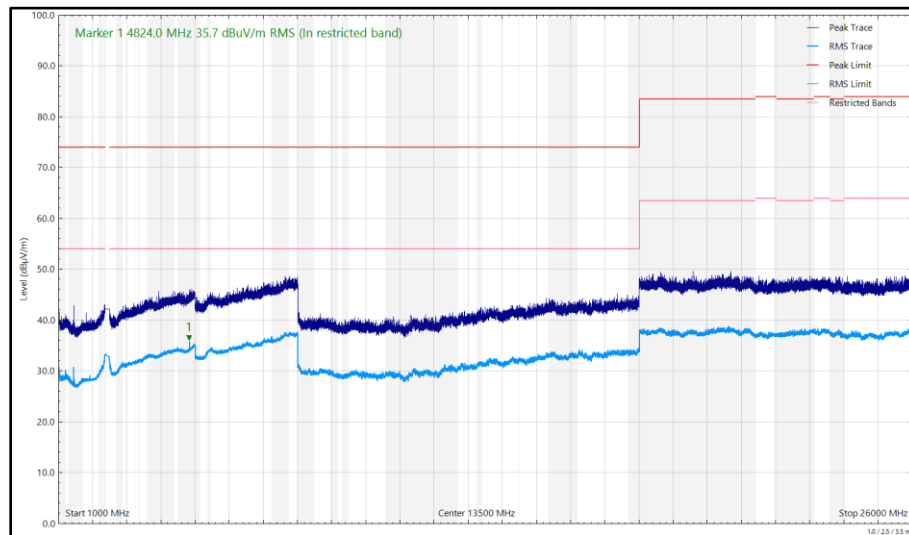
| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------------|----------------------|-------------|----------|-----------|-------------|--------------|
| 4823.973        | 35.68                | 54.00                | -18.32      | RMS      | 329       | 356         | Vertical     |

**Table 63 - 2412 MHz (CH1), 802.11b, Core 1, 1 GHz to 26 GHz**

No other emissions found within 10 dB of the limit.



**Figure 182 - 2412 MHz (CH1), 802.11b, Core 1, 1 GHz to 26 GHz, Horizontal**



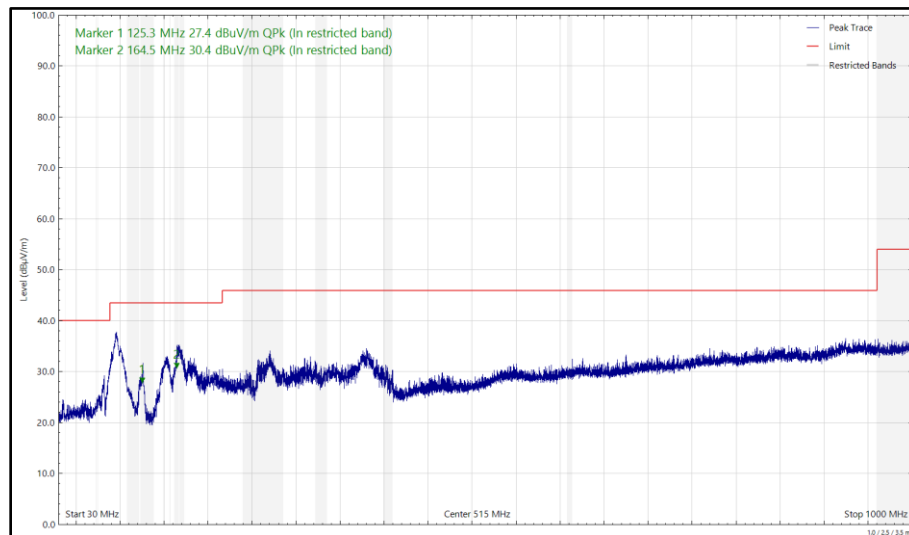
**Figure 183 - 2412 MHz (CH1), 802.11b, Core 1, 1 GHz to 26 GHz, Vertical**



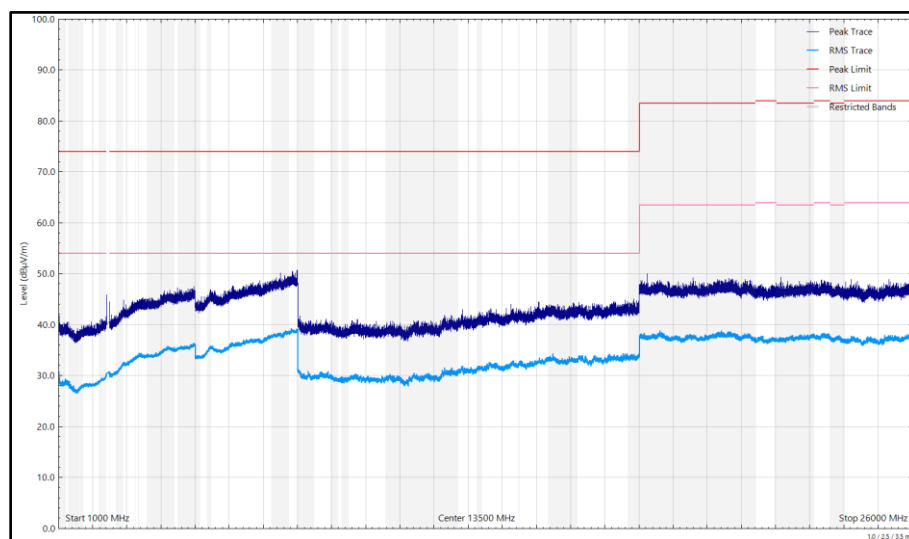
| Frequency (MHz) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------|----------------|-------------|----------|-----------|-------------|--------------|
| 125.296         | 27.43          | 43.50          | -16.07      | Q-Peak   | 234       | 271         | Horizontal   |
| 125.536         | 34.73          | 43.50          | -8.77       | Q-Peak   | 114       | 100         | Vertical     |
| 164.456         | 30.36          | 43.50          | -13.14      | Q-Peak   | 359       | 259         | Horizontal   |
| 2389.886        | 34.78          | 54.00          | -19.22      | RMS      | 2         | 297         | Vertical     |
| 2483.658        | 34.61          | 54.00          | -19.39      | RMS      | 19        | 373         | Vertical     |
| 2484.502        | 56.24          | 74.00          | -17.76      | Peak     | 23        | 358         | Vertical     |
| 4883.863        | 33.76          | 54.00          | -20.24      | RMS      | 156       | 277         | Vertical     |

**Table 64 - 2442 MHz (CH7), 802.11b, Core 1, 30 MHz to 26 GHz**

No other emissions found within 10 dB of the limit.



**Figure 184 - 2442 MHz (CH7), 802.11b, Core 1, 30 MHz to 1 GHz, Horizontal (Peak)**



**Figure 185 - 2442 MHz (CH7), 802.11b, Core 1, 1 GHz to 26 GHz, Horizontal**

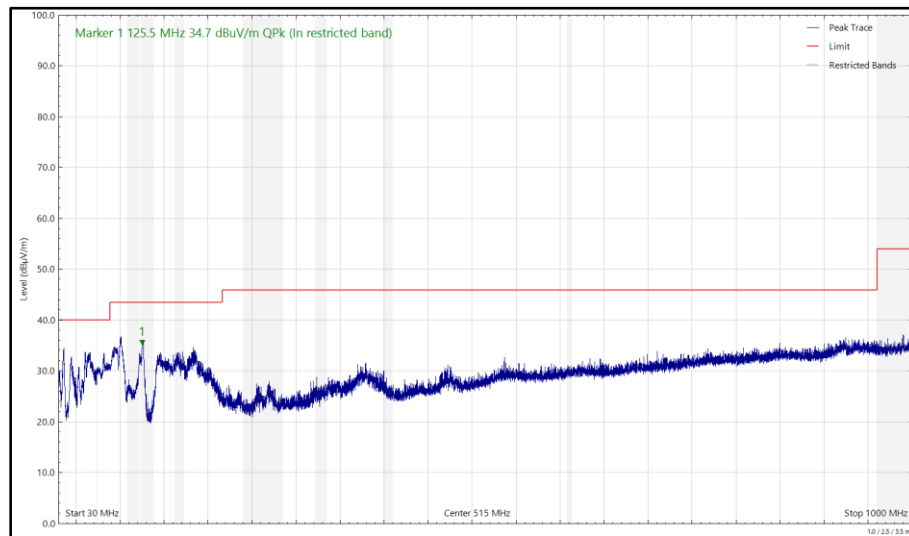


Figure 186 - 2442 MHz (CH7), 802.11b, Core 1, 30 MHz to 1 GHz, Vertical (Peak)

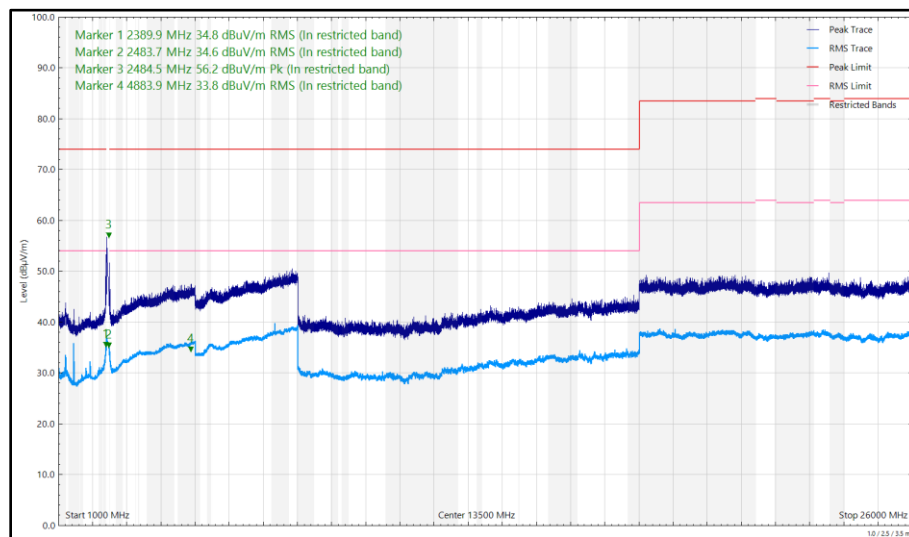
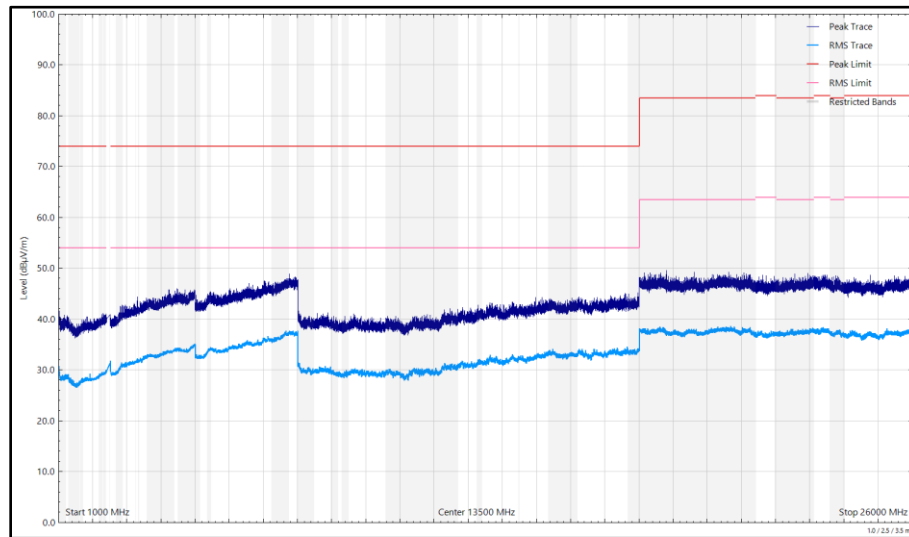


Figure 187 - 2442 MHz (CH7), 802.11b, Core 1, 1 GHz to 26 GHz, Vertical

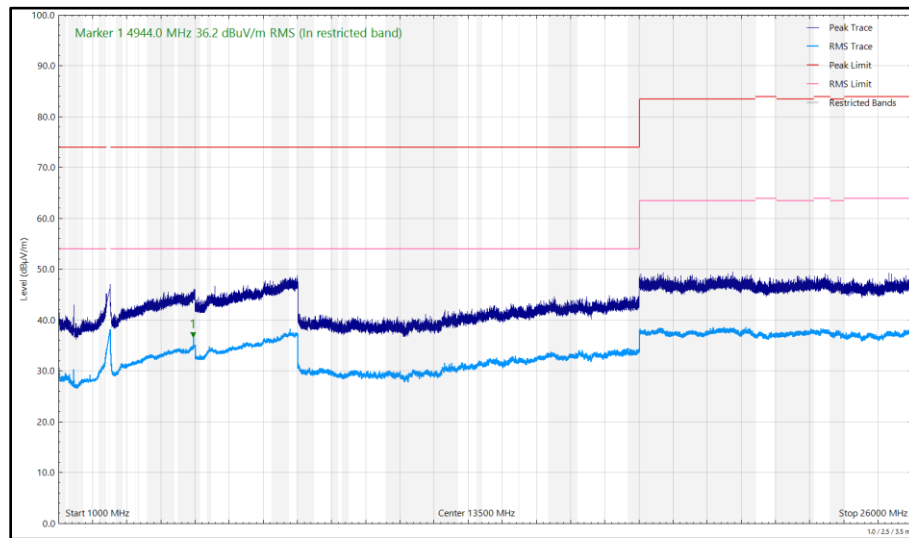
| Frequency (MHz) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------|----------------|-------------|----------|-----------|-------------|--------------|
| 4944.038        | 36.20          | 54.00          | -17.80      | RMS      | 324       | 377         | Vertical     |

**Table 65 - 2472 MHz (CH13), 802.11b, Core 1, 1 GHz to 26 GHz**

No other emissions found within 10 dB of the limit.



**Figure 188 - 2472 MHz (CH13), 802.11b, Core 1, 1 GHz to 26 GHz, Horizontal**



**Figure 189 - 2472 MHz (CH13), 802.11b, Core 1, 1 GHz to 26 GHz, Vertical**



| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------|----------------|-------------|----------|-----------|-------------|--------------|
| 2354.816        | 38.27          | 54.00          | -15.73      | RMS      | 359       | 365         | Vertical     |
| 2484.709        | 34.73          | 54.00          | -19.27      | RMS      | 346       | 342         | Vertical     |

Table 66 - 2412 MHz (CH1), 802.11g, Core 0, 1 GHz to 26 GHz

No other emissions found within 10 dB of the limit.

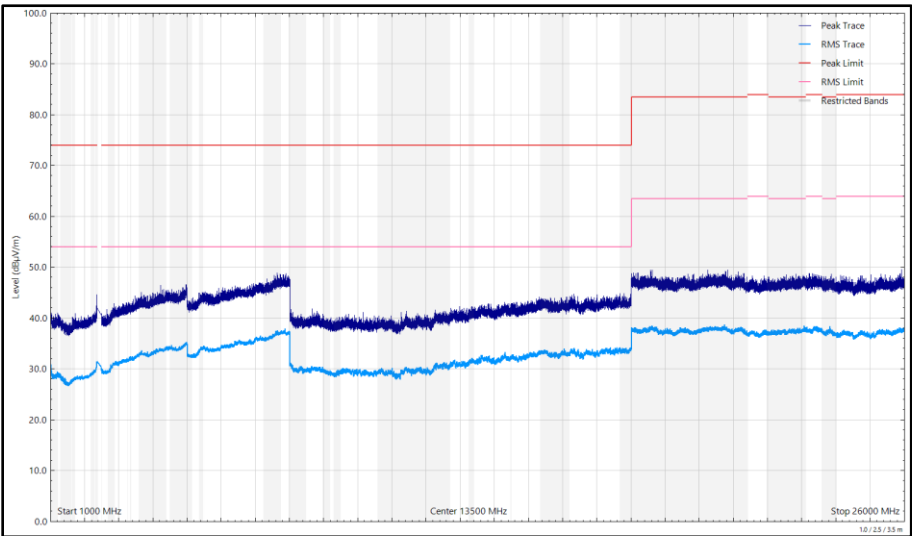


Figure 190 - 2412 MHz (CH1), 802.11g, Core 0, 1 GHz to 26 GHz, Horizontal

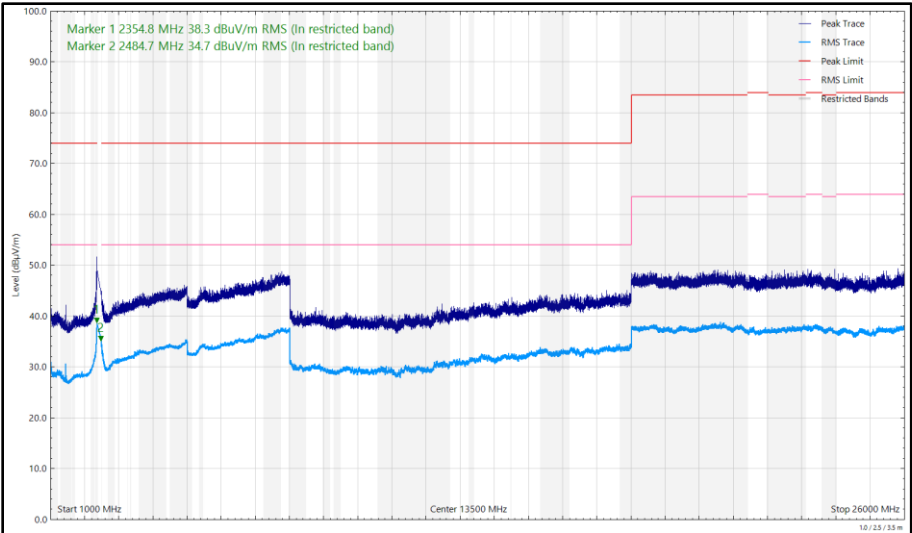
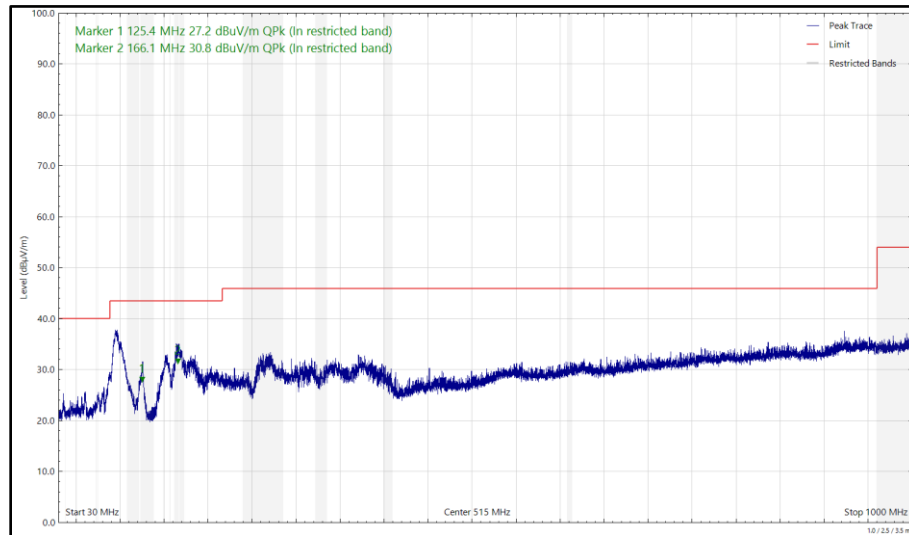


Figure 191 - 2412 MHz (CH1), 802.11g, Core 0, 1 GHz to 26 GHz, Vertical

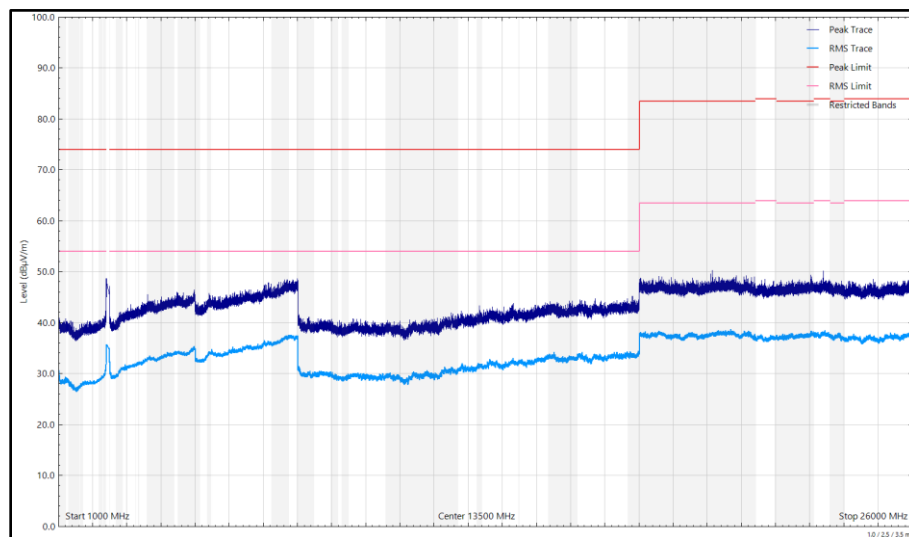
| Frequency (MHz) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------|----------------|-------------|----------|-----------|-------------|--------------|
| 125.312         | 35.47          | 43.50          | -8.03       | Q-Peak   | 107       | 100         | Vertical     |
| 125.389         | 27.23          | 43.50          | -16.27      | Q-Peak   | 236       | 255         | Horizontal   |
| 166.124         | 30.82          | 43.50          | -12.68      | Q-Peak   | 206       | 249         | Horizontal   |
| 2389.961        | 40.33          | 54.00          | -13.67      | RMS      | 353       | 347         | Vertical     |
| 2398.430        | 61.13          | 74.00          | -12.87      | Peak     | 355       | 339         | Vertical     |
| 2483.505        | 59.56          | 74.00          | -14.44      | Peak     | 354       | 355         | Vertical     |
| 2483.759        | 43.02          | 54.00          | -10.98      | RMS      | 358       | 379         | Vertical     |

**Table 67 - 2442 MHz (CH7), 802.11g, Core 0, 30 MHz to 26 GHz**

No other emissions found within 10 dB of the limit.



**Figure 192 - 2442 MHz (CH7), 802.11g, Core 0, 30 MHz to 1 GHz, Horizontal (Peak)**



**Figure 193 - 2442 MHz (CH7), 802.11g, Core 0, 1 GHz to 26 GHz, Horizontal**

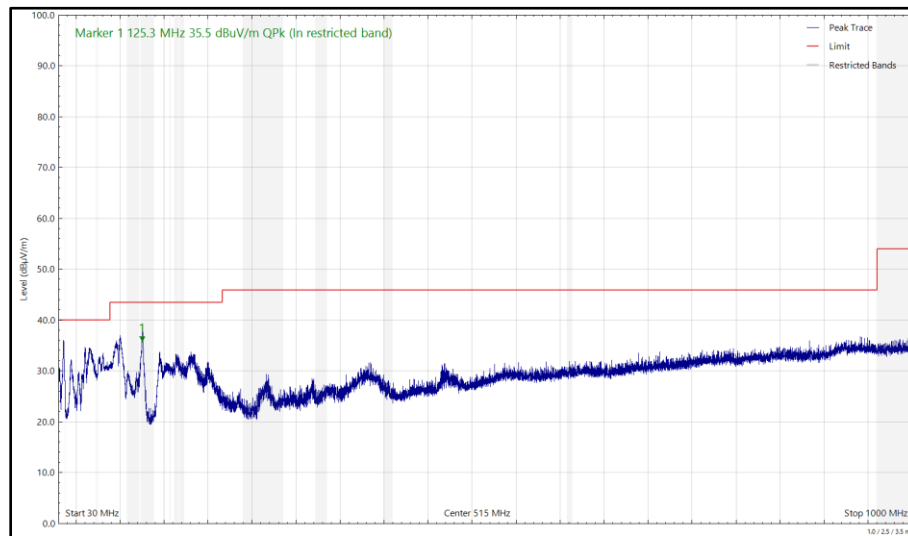


Figure 194 - 2442 MHz (CH7), 802.11g, Core 0, 30 MHz to 1 GHz, Vertical (Peak)

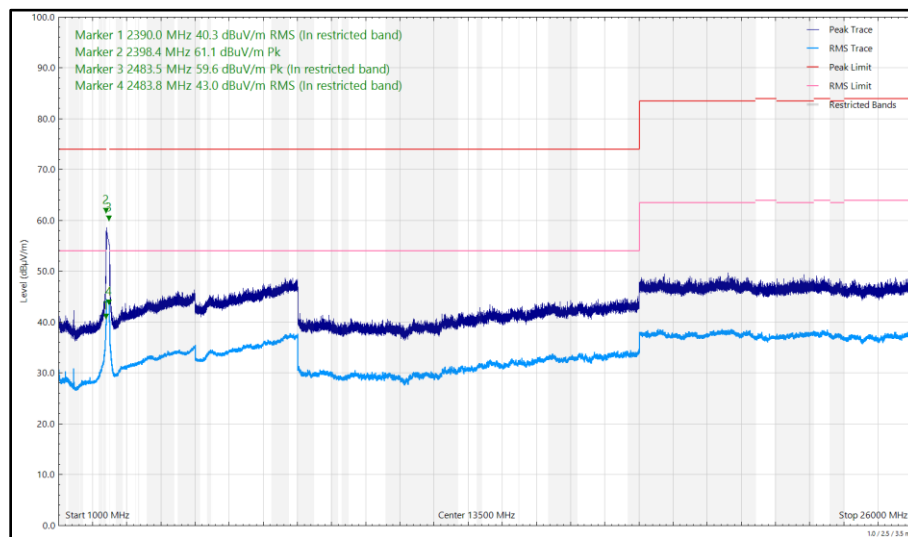
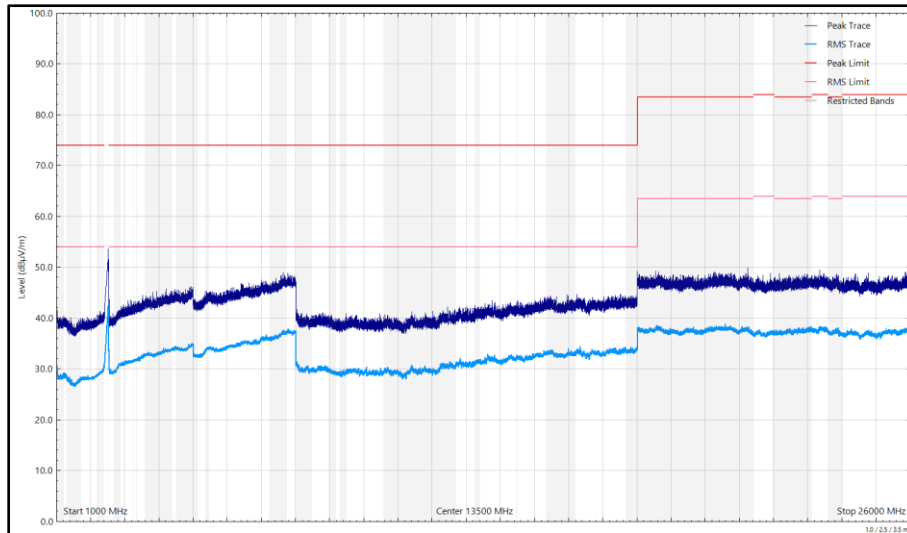


Figure 195 - 2442 MHz (CH7), 802.11g, Core 0, 1 GHz to 26 GHz, Vertical

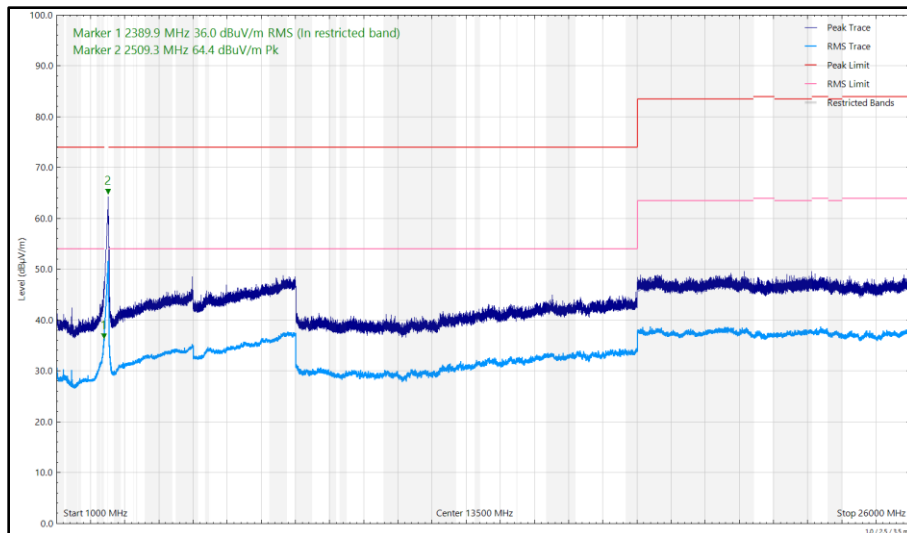
| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------------|----------------------|-------------|----------|-----------|-------------|--------------|
| 2389.922        | 36.02                | 54.00                | -17.98      | RMS      | 351       | 314         | Vertical     |
| 2509.318        | 64.41                | 74.00                | -9.59       | Peak     | 5         | 391         | Vertical     |

**Table 68 - 2472 MHz (CH13), 802.11g, Core 0, 1 GHz to 26 GHz**

No other emissions found within 10 dB of the limit.



**Figure 196 - 2472 MHz (CH13), 802.11g, Core 0, 1 GHz to 26 GHz, Horizontal**

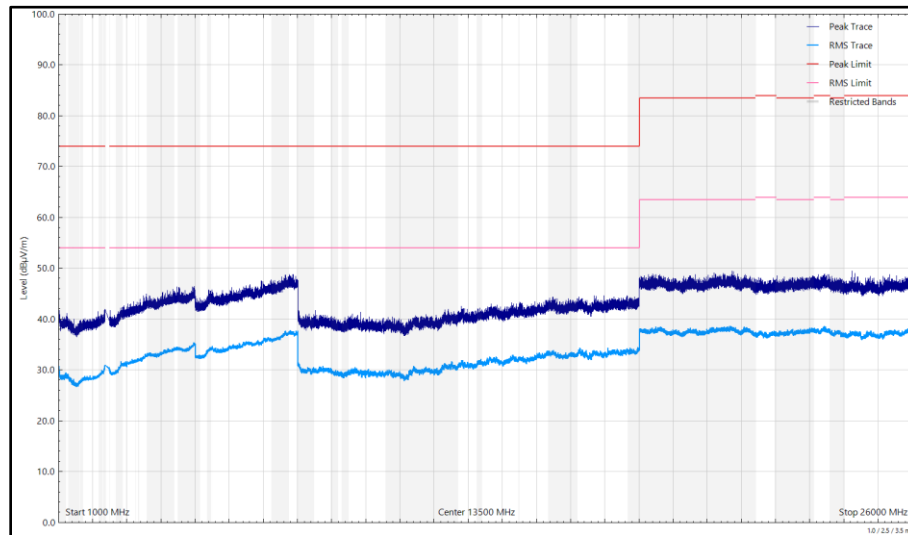


**Figure 197 - 2472 MHz (CH13), 802.11g, Core 0, 1 GHz to 26 GHz, Vertical**

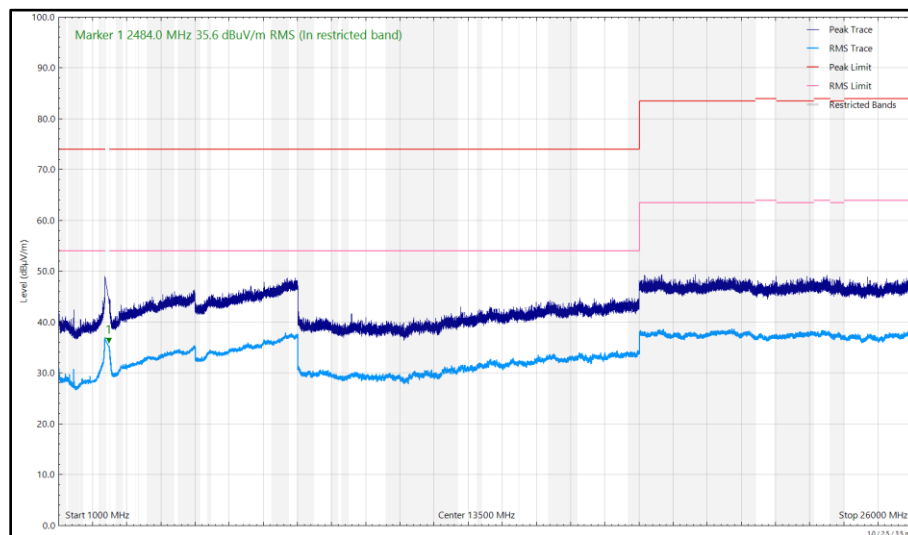
| Frequency (MHz) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------|----------------|-------------|----------|-----------|-------------|--------------|
| 2483.983        | 35.57          | 54.00          | -18.43      | RMS      | 359       | 361         | Vertical     |

**Table 69 - 2412 MHz (CH1), 802.11g, Core 1, 1 GHz to 26 GHz**

No other emissions found within 10 dB of the limit.



**Figure 198 - 2412 MHz (CH1), 802.11g, Core 1, 1 GHz to 26 GHz, Horizontal**



**Figure 199 - 2412 MHz (CH1), 802.11g, Core 1, 1 GHz to 26 GHz, Vertical**