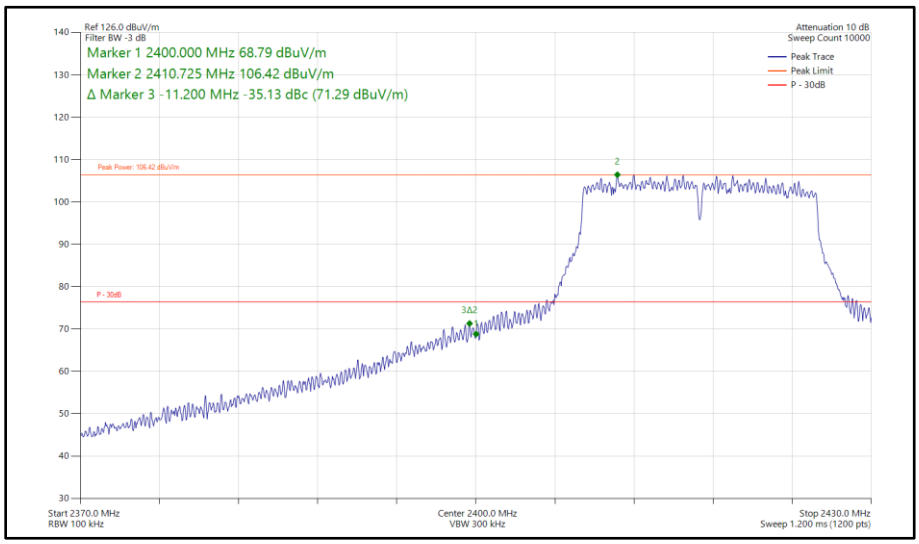


**Figure 145 - 802.11n HT20, SISO, Core 0 - 2417 MHz**
**Band Edge Frequency 2400 MHz**

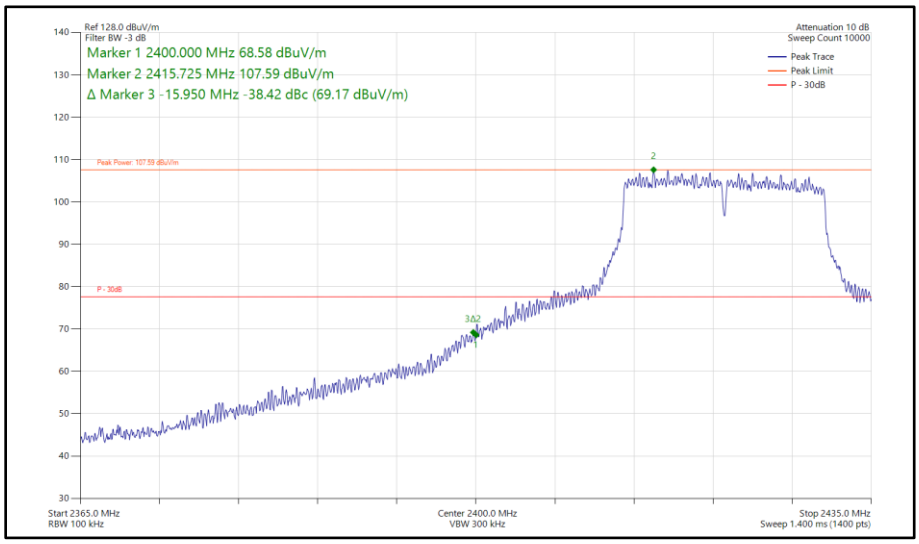


**Figure 146 - 802.11n HT20, SISO, Core 0 - 2422 MHz**
**Band Edge Frequency 2400 MHz**

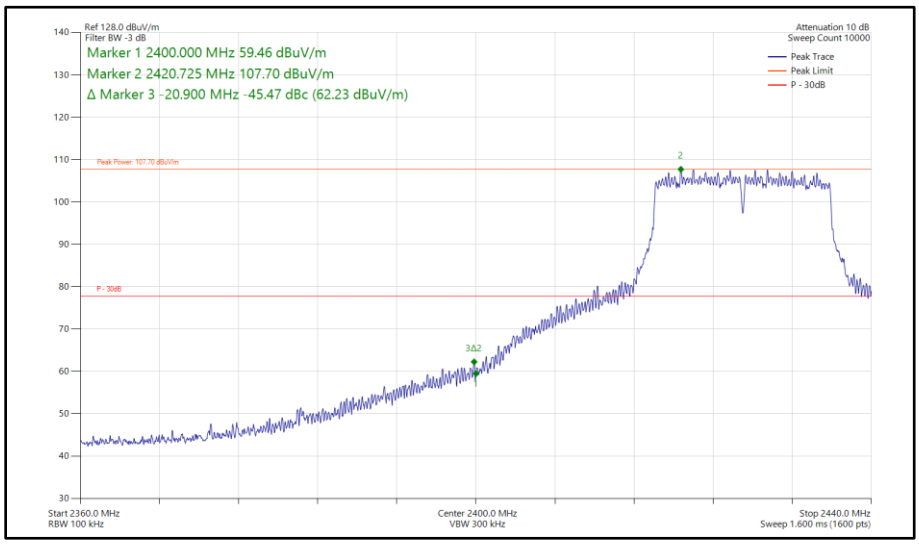


**Figure 147 - 802.11n HT20, SISO, Core 0 - 2427 MHz**
**Band Edge Frequency 2400 MHz**

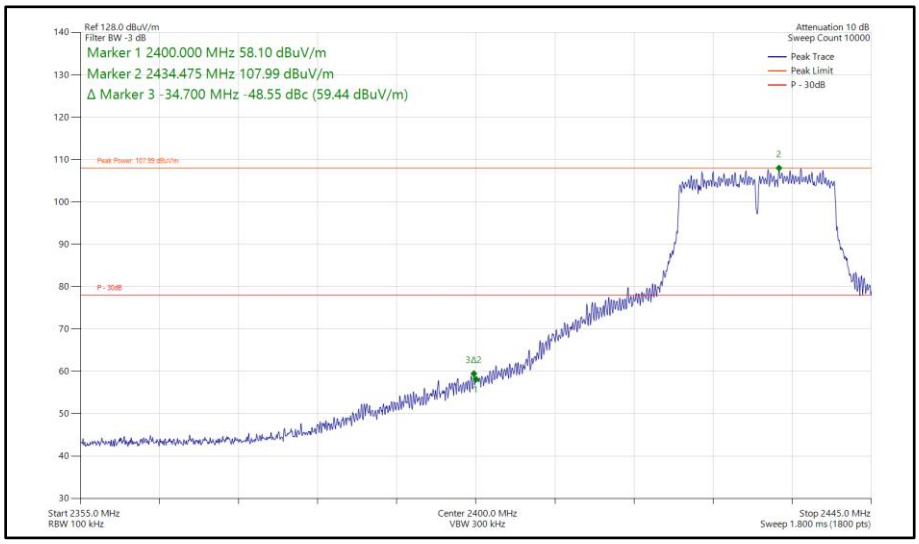


**Figure 148 - 802.11n HT20, SISO, Core 0 - 2432 MHz**
**Band Edge Frequency 2400 MHz**

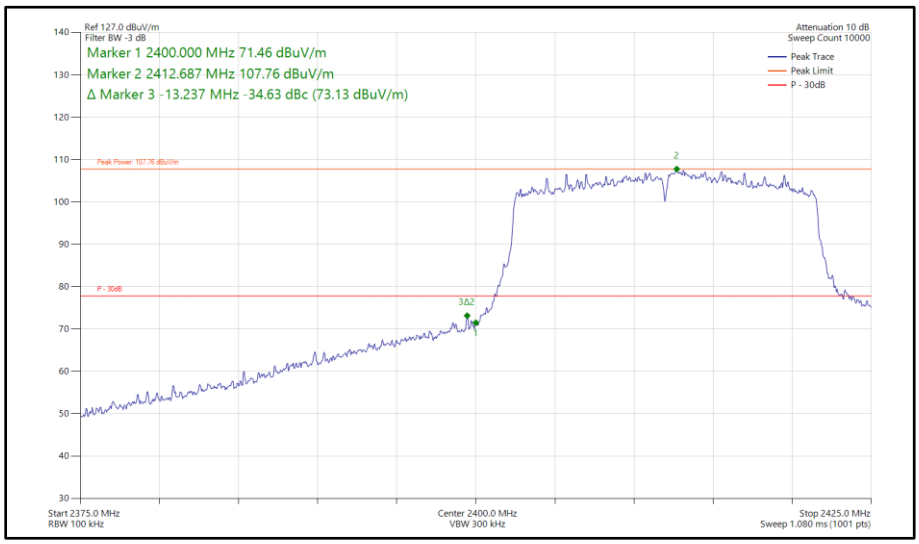


**Figure 149 - 802.11ax HE20, SU, SISO, Core 0 - 2412 MHz Band Edge Frequency 2400 MHz**

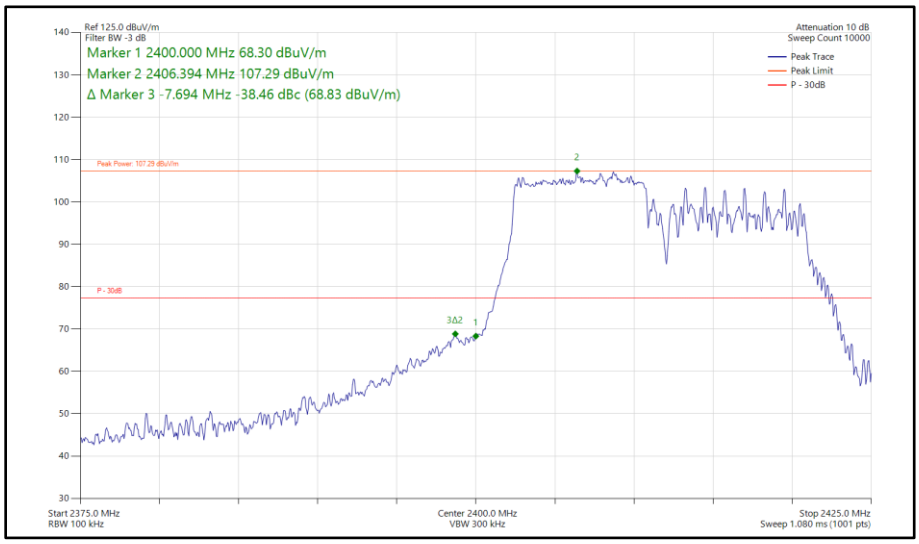


**Figure 150 - 802.11ax HE20, RU 106-53, SISO, Core 0 - 2412 MHz Band Edge Frequency 2400 MHz**

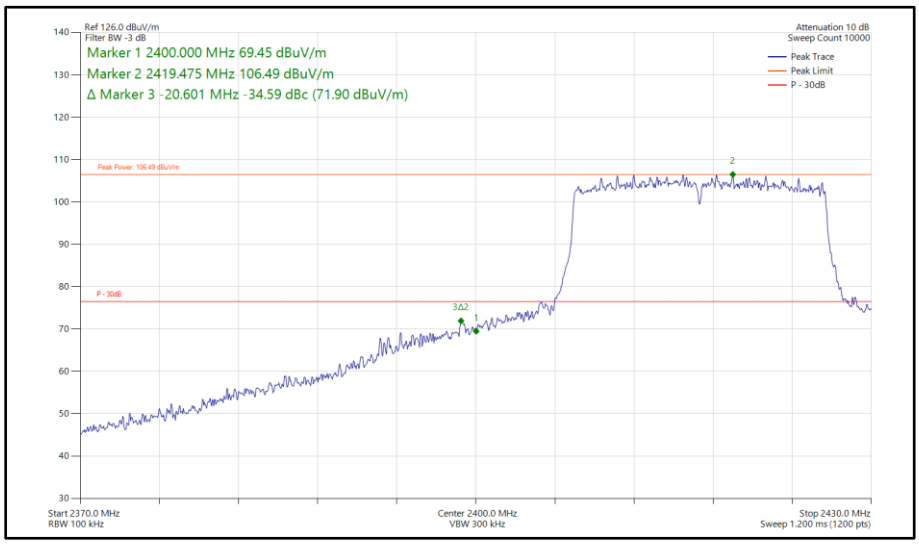


**Figure 151 - 802.11ax HE20, SU, SISO, Core 0 - 2417 MHz**
**Band Edge Frequency 2400 MHz**

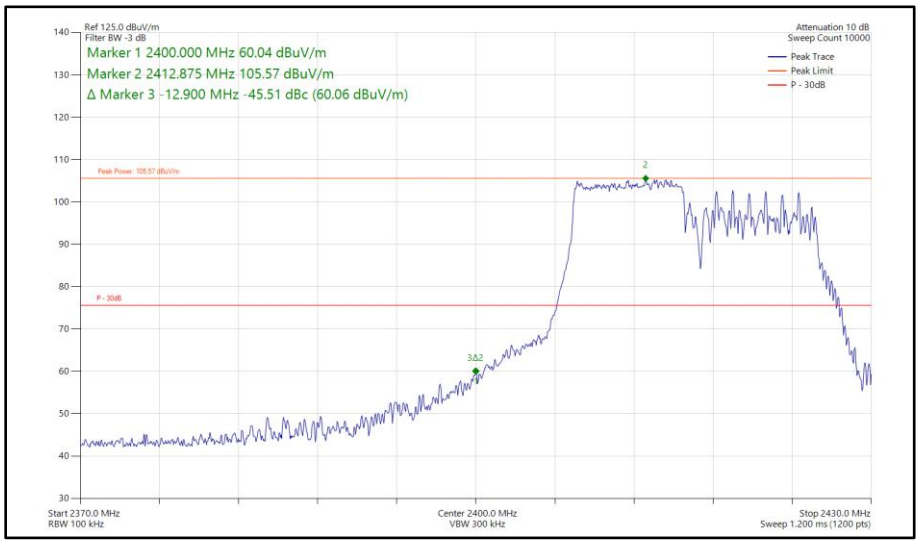


**Figure 152 - 802.11ax HE20, RU 106-53, SISO, Core 0 - 2417 MHz**
**Band Edge Frequency 2400 MHz**

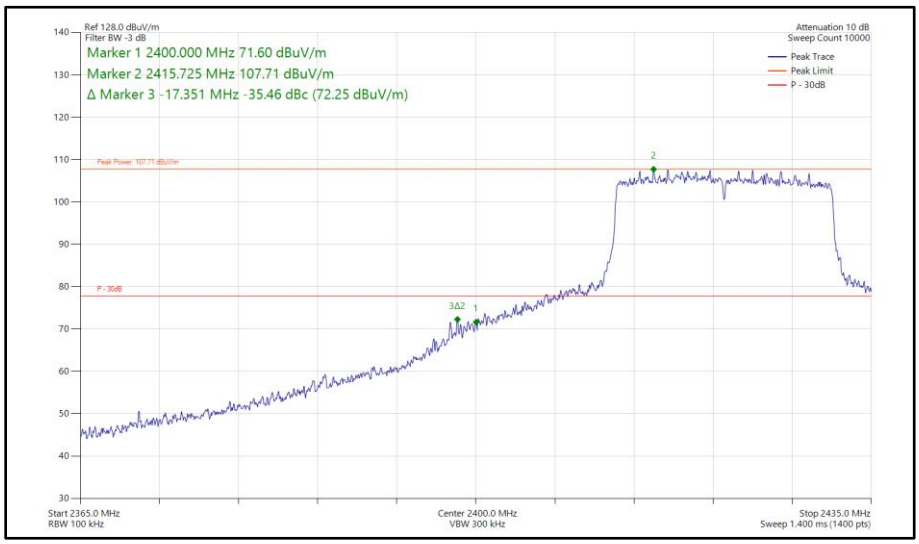


**Figure 153 - 802.11ax HE20, SU, SISO, Core 0 - 2422 MHz Band Edge Frequency 2400 MHz**

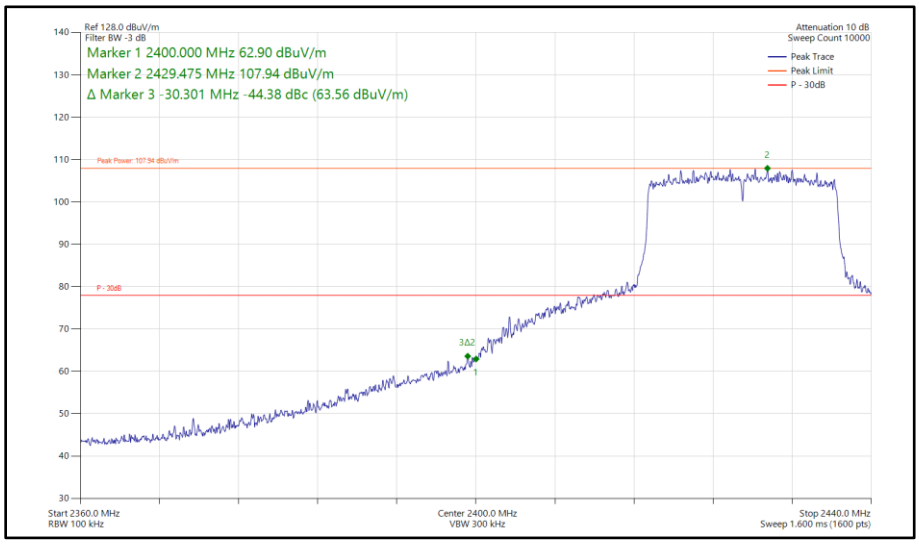


**Figure 154 - 802.11ax HE20, SU, SISO, Core 0 - 2427 MHz Band Edge Frequency 2400 MHz**

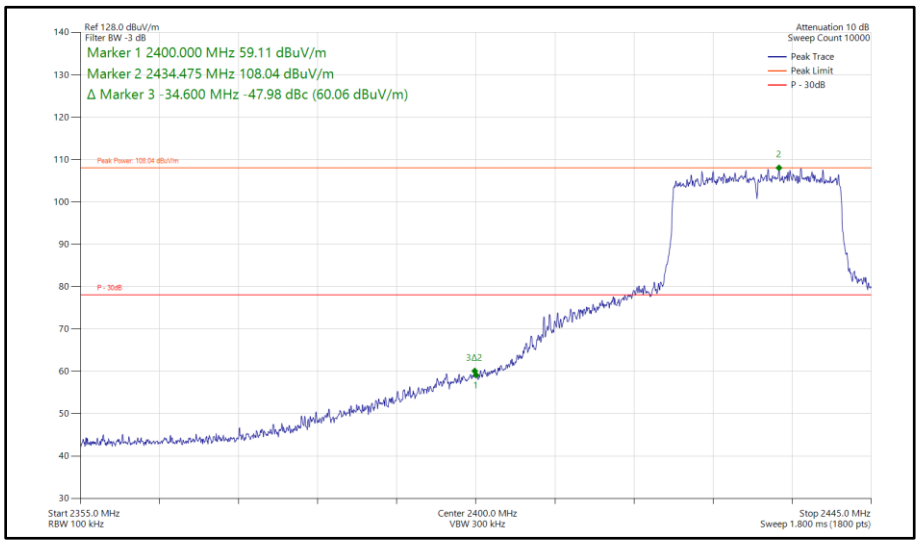


**Figure 155 - 802.11ax HE20, SU, SISO, Core 0 - 2432 MHz Band Edge Frequency 2400 MHz**

20 MHz Bandwidth - Core 1 (SISO)

| Mode | Data Rate/ MCS | Resource Size | Resource Index | TX Frequency (MHz) | Band Edge Frequency (MHz) | Level (dBc) |
|---|---|---|---|---|---|---|
| 802.11b | 1 Mbps | - | - | 2412 | 2400 | -54.22 |
| 802.11b | 1 Mbps | - | - | 2417 | 2400 | -55.63 |
| 802.11g | 54 Mbps | - | - | 2412 | 2400 | -34.69 |
| 802.11g | 54 Mbps | - | - | 2417 | 2400 | -34.85 |
| 802.11g | 54 Mbps | - | - | 2422 | 2400 | -40.14 |
| 802.11g | 54 Mbps | - | - | 2427 | 2400 | -46.63 |
| 802.11n HT20 | MCS 4 | - | - | 2412 | 2400 | -34.92 |
| 802.11n HT20 | MCS 7 | - | - | 2417 | 2400 | -34.59 |
| 802.11n HT20 | MCS 7 | - | - | 2422 | 2400 | -38.28 |
| 802.11n HT20 | MCS 7 | - | - | 2427 | 2400 | -46.12 |
| 802.11n HT20 | MCS 7 | - | - | 2432 | 2400 | -49.32 |
| 802.11ax HE20 | MCS 4x1 | SU | - | 2412 | 2400 | -34.71 |
| 802.11ax HE20 | MCS 9x1 | 106 | 53 | 2412 | 2400 | -39.46 |
| 802.11ax HE20 | MCS 9x1 | SU | - | 2417 | 2400 | -34.59 |
| 802.11ax HE20 | MCS 9x1 | 106 | 53 | 2417 | 2400 | -49.28 |
| 802.11ax HE20 | MCS 9x1 | SU | - | 2422 | 2400 | -35.32 |
| 802.11ax HE20 | MCS 9x1 | SU | - | 2427 | 2400 | -45.06 |
| 802.11ax HE20 | MCS 9x1 | SU | - | 2432 | 2400 | -47.94 |

**Table 56 - SISO Authorised Band Edge Results**

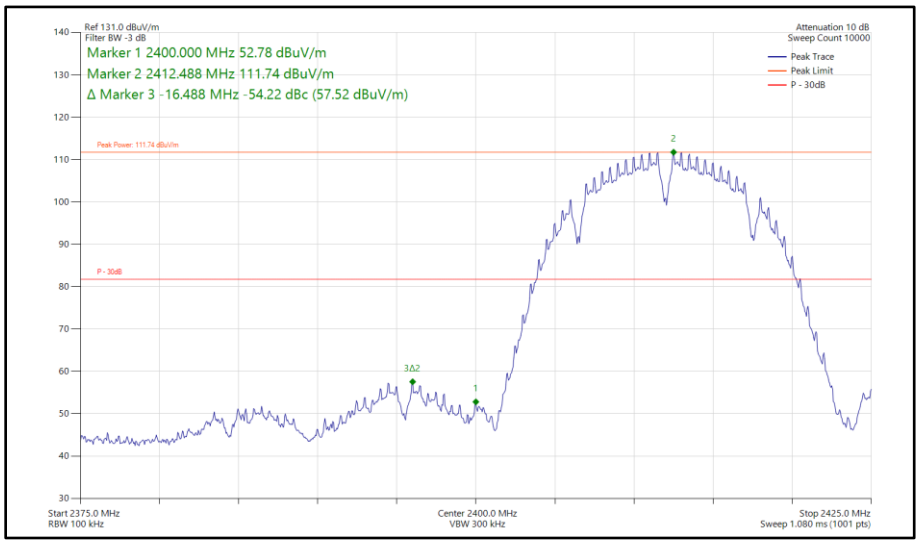


**Figure 156 - 802.11b, SISO, Core 1 - 2412 MHz Band Edge Frequency 2400 MHz**

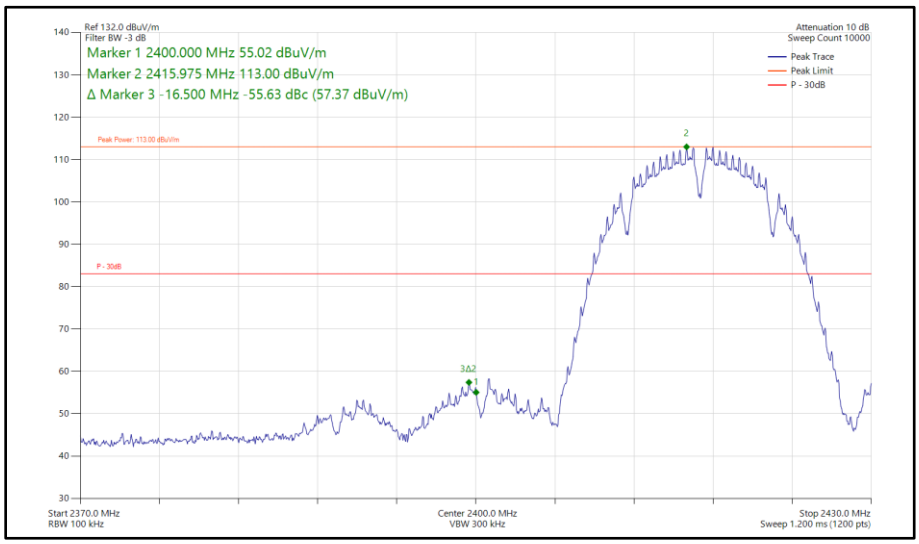


**Figure 157 - 802.11b, SISO, Core 1 - 2417 MHz**
**Band Edge Frequency 2400 MHz**

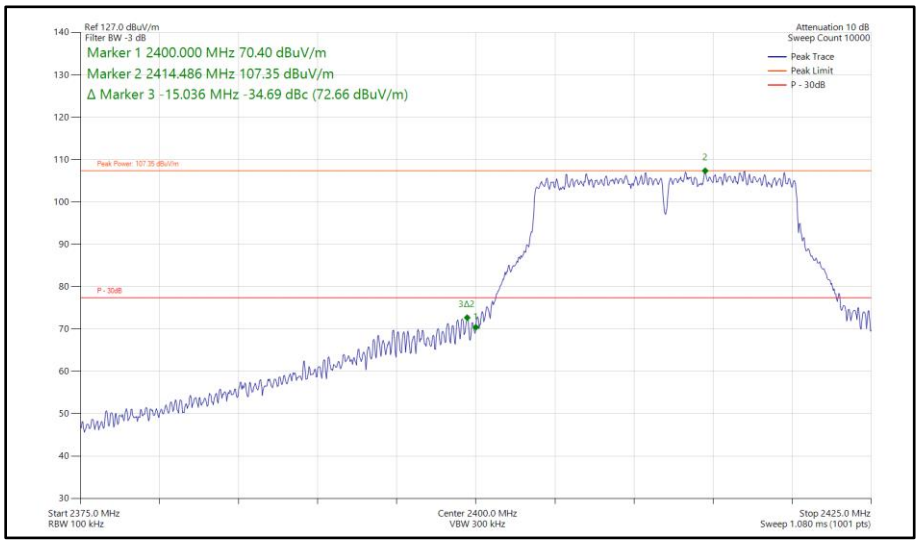


**Figure 158 - 802.11g, SISO, Core 1 - 2412 MHz**
**Band Edge Frequency 2400 MHz**

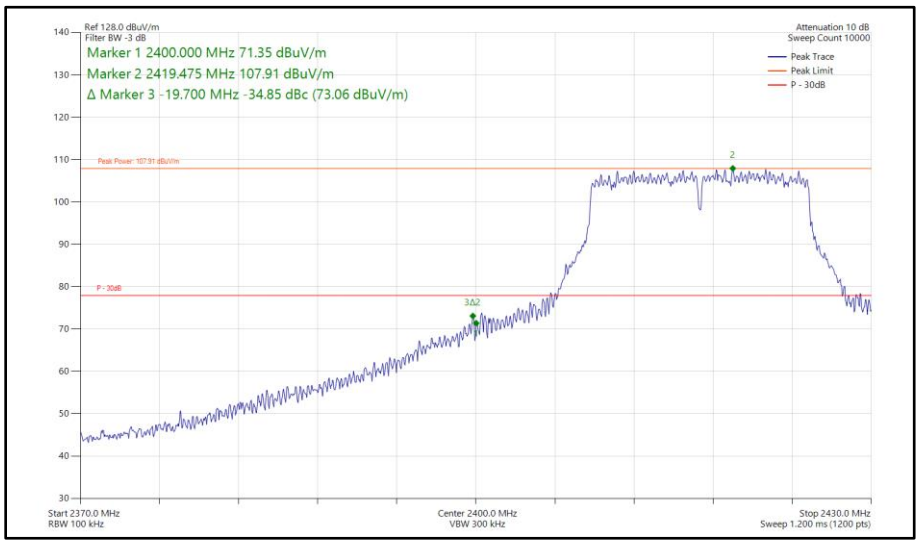


**Figure 159 - 802.11g, SISO, Core 1 - 2417 MHz**
**Band Edge Frequency 2400 MHz**

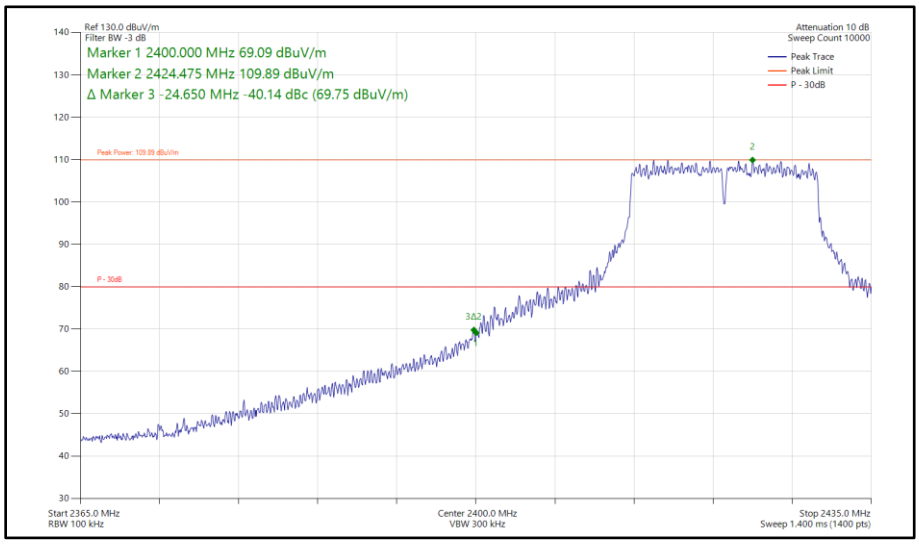


**Figure 160 - 802.11g, SISO, Core 1 - 2422 MHz**
**Band Edge Frequency 2400 MHz**

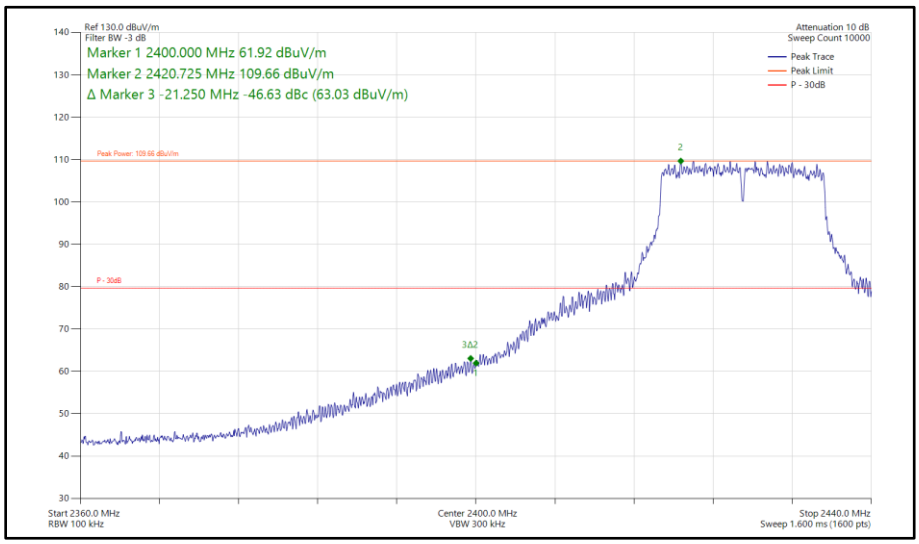


**Figure 161 - 802.11g, SISO, Core 1 - 2427 MHz**
**Band Edge Frequency 2400 MHz**

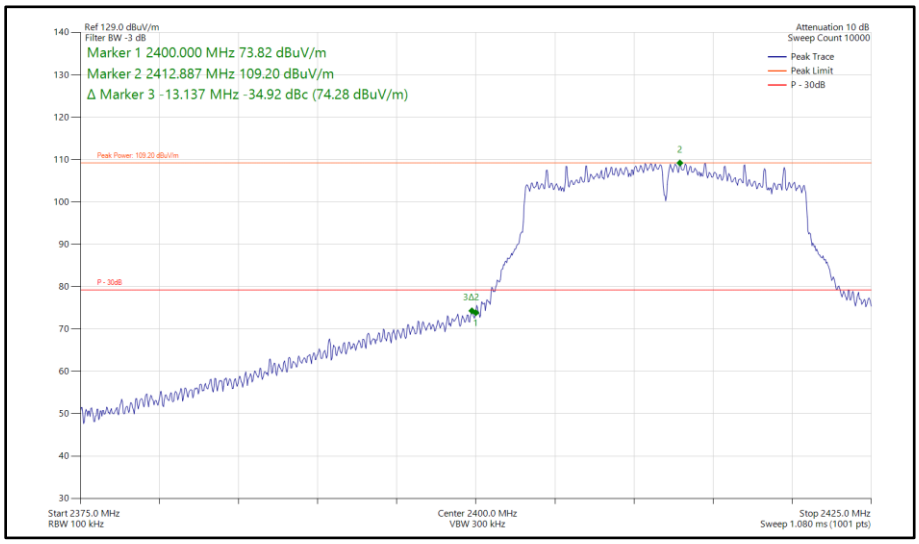


**Figure 162 - 802.11n HT20, SISO, Core 1 - 2412 MHz**
**Band Edge Frequency 2400 MHz**

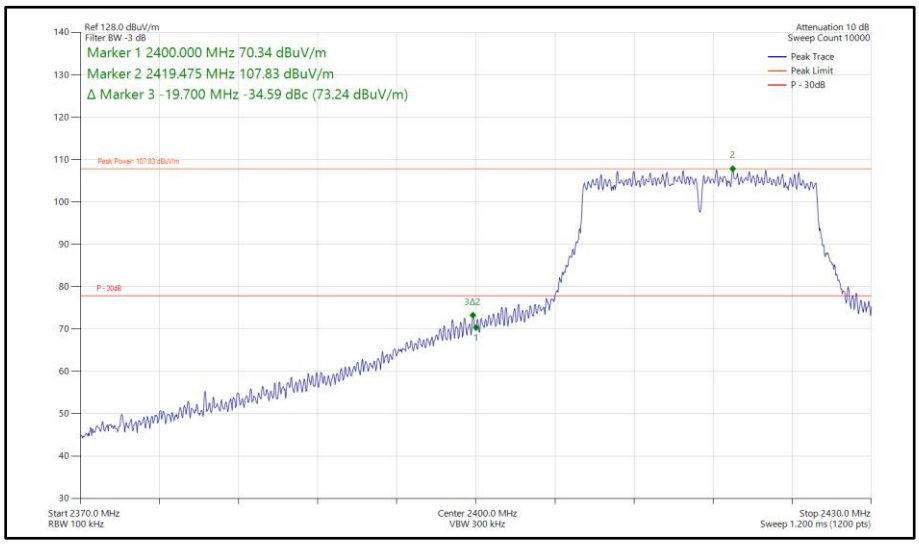


**Figure 163 - 802.11n HT20, SISO, Core 1 - 2417 MHz**
**Band Edge Frequency 2400 MHz**

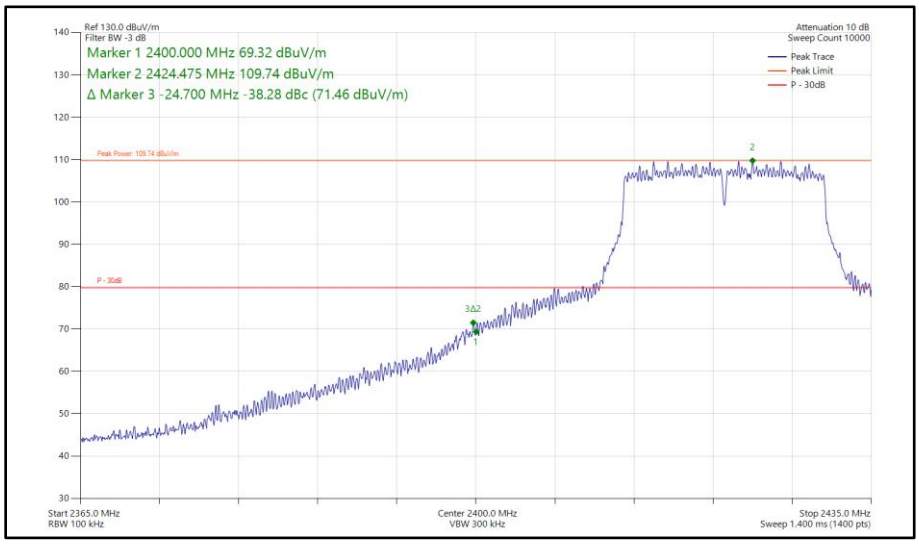


**Figure 164 - 802.11n HT20, SISO, Core 1 - 2422 MHz**
**Band Edge Frequency 2400 MHz**

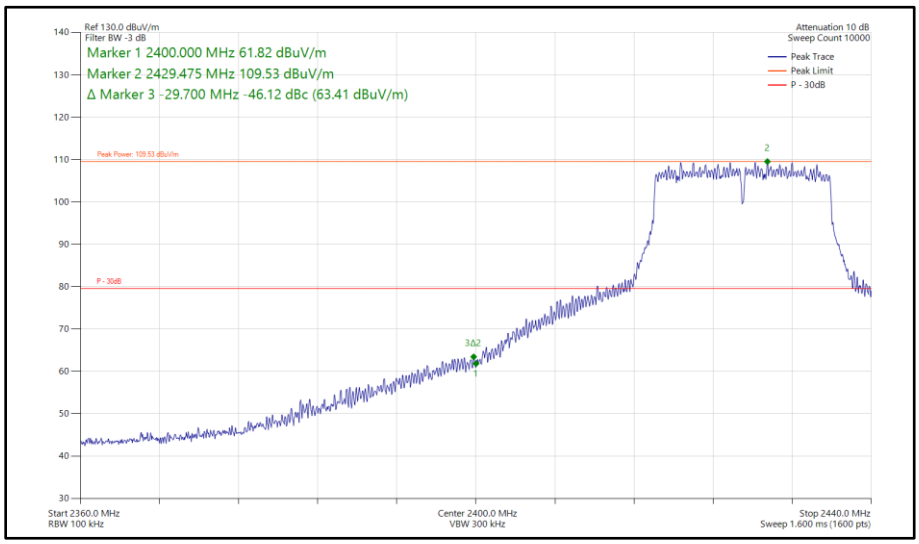


**Figure 165 - 802.11n HT20, SISO, Core 1 - 2427 MHz**
**Band Edge Frequency 2400 MHz**

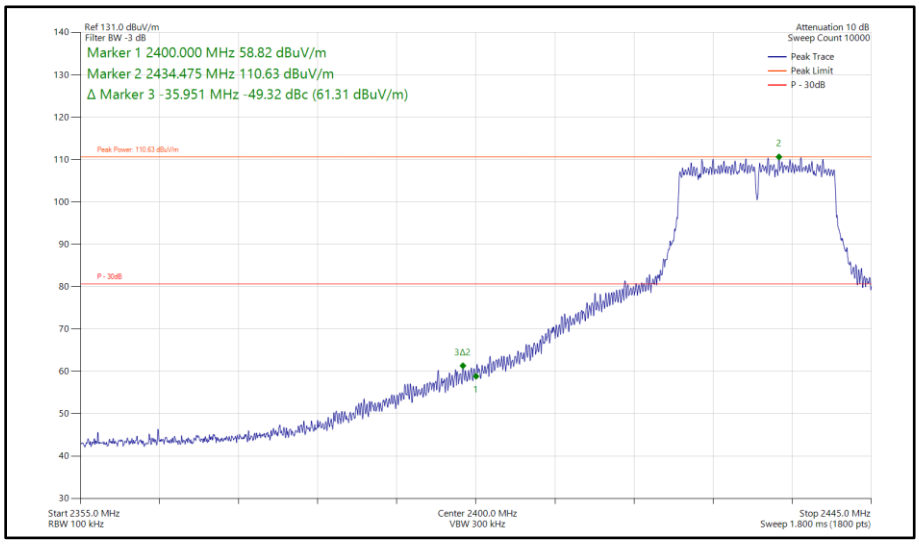


**Figure 166 - 802.11n HT20, SISO, Core 1 - 2432 MHz**
**Band Edge Frequency 2400 MHz**

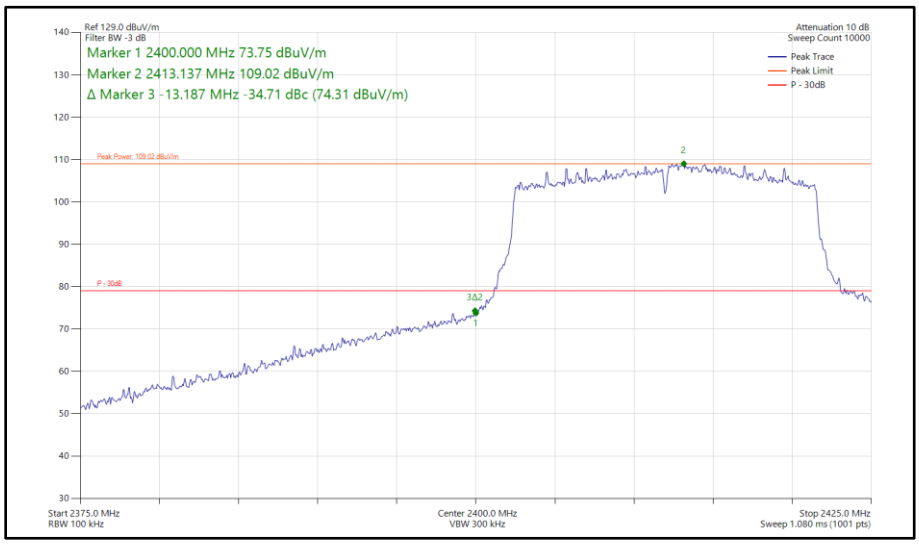


**Figure 167 - 802.11ax HE20, SU, SISO, Core 1 - 2412 MHz Band Edge Frequency 2400 MHz**

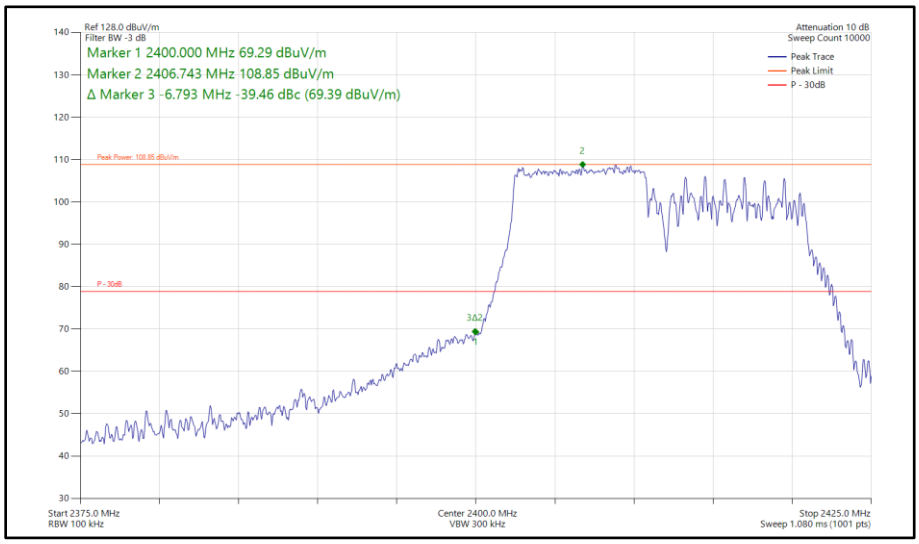


**Figure 168 - 802.11ax HE20, RU 106-53, SISO, Core 1 - 2412 MHz Band Edge Frequency 2400 MHz**

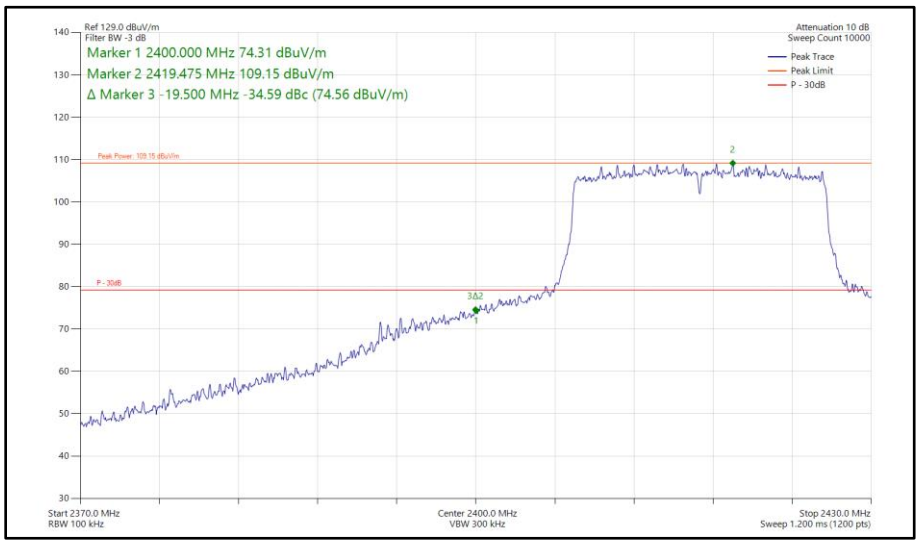


**Figure 169 - 802.11ax HE20, SU, SISO, Core 1 - 2417 MHz**
**Band Edge Frequency 2400 MHz**

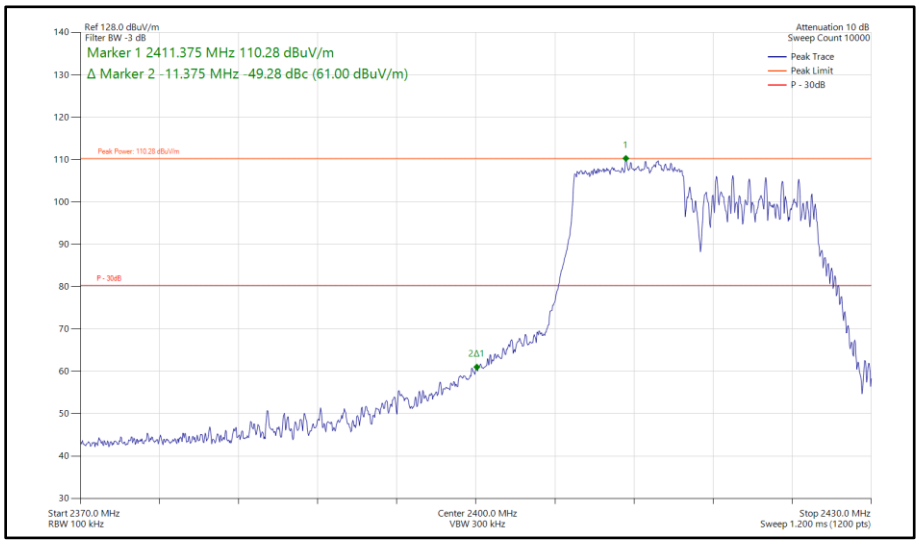


**Figure 170 - 802.11ax HE20, RU 106-53, SISO, Core 1 - 2417 MHz**
**Band Edge Frequency 2400 MHz**

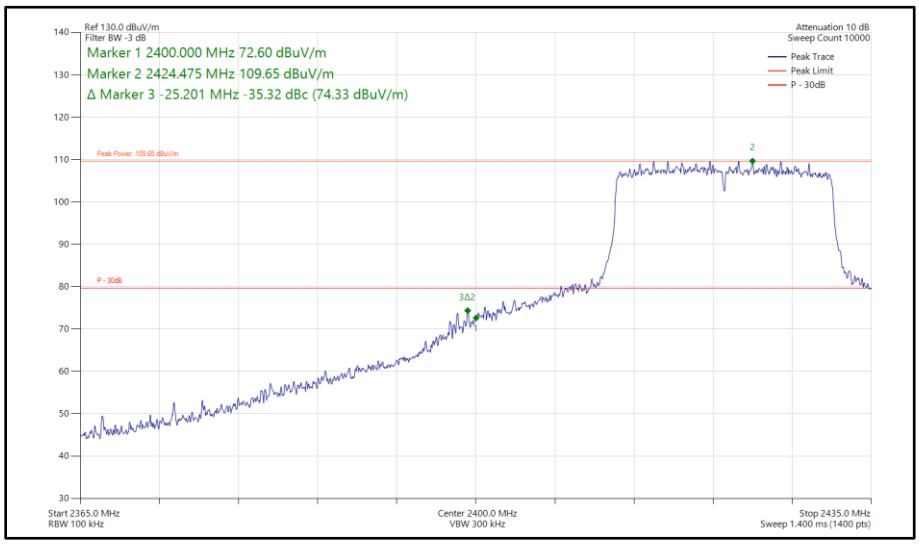


**Figure 171 - 802.11ax HE20, SU, SISO, Core 1 - 2422 MHz Band Edge Frequency 2400 MHz**

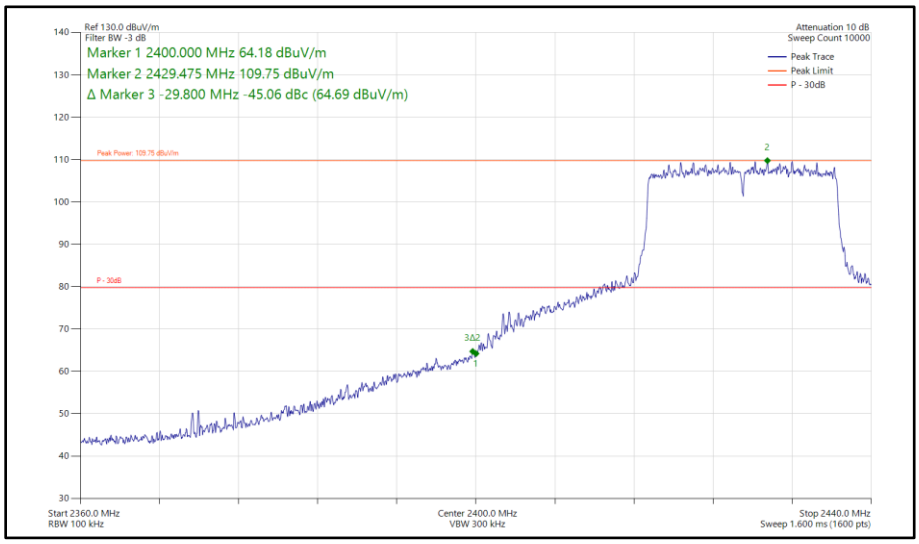


**Figure 172 - 802.11ax HE20, SU, SISO, Core 1 - 2427 MHz Band Edge Frequency 2400 MHz**

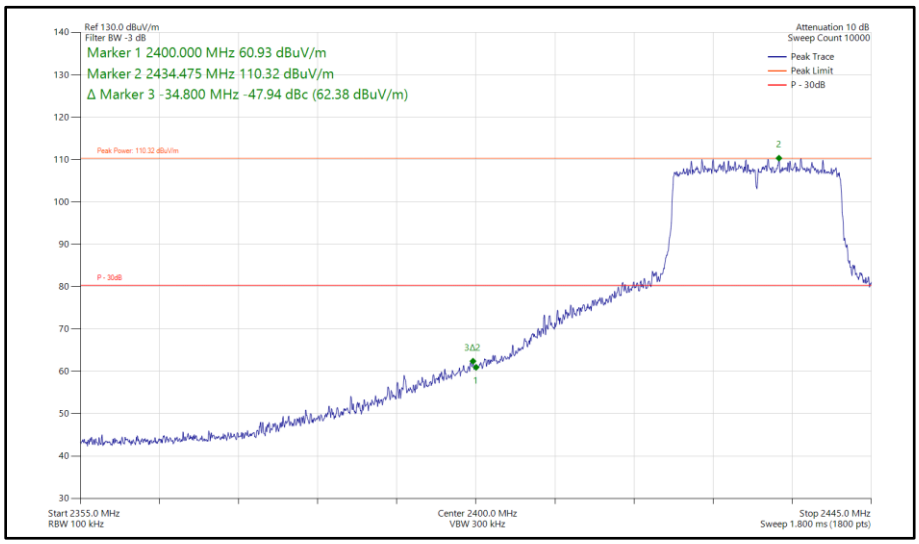


**Figure 173 - 802.11ax HE20, SU, SISO, Core 1 - 2432 MHz Band Edge Frequency 2400 MHz**

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

| Mode | Data Rate/ MCS | Resource Size | Resource Index | TX Frequency (MHz) | Band Edge Frequency (MHz) | Level (dBc) |
|---|---|---|---|---|---|---|
| 802.11n HT20 | MCS 7 | - | - | 2412 | 2400 | -34.50 |
| 802.11n HT20 | MCS 7 | - | - | 2417 | 2400 | -34.59 |
| 802.11n HT20 | MCS 7 | - | - | 2422 | 2400 | -39.13 |
| 802.11n HT20 | MCS 7 | - | - | 2427 | 2400 | -46.61 |
| 802.11n HT20 | MCS 7 | - | - | 2432 | 2400 | -49.62 |
| 802.11ax HE20 | MCS 9x1 | SU | - | 2412 | 2400 | -34.51 |
| 802.11ax HE20 | MCS 9x1 | 106 | 53 | 2412 | 2400 | -38.29 |
| 802.11ax HE20 | MCS 9x1 | SU | - | 2417 | 2400 | -34.62 |
| 802.11ax HE20 | MCS 9x1 | 106 | 53 | 2417 | 2400 | -47.35 |
| 802.11ax HE20 | MCS 9x1 | SU | - | 2422 | 2400 | -36.07 |
| 802.11ax HE20 | MCS 9x1 | 106 | 54 | 2422 | 2400 | -51.61 |
| 802.11ax HE20 | MCS 9x1 | SU | - | 2427 | 2400 | -44.22 |
| 802.11ax HE20 | MCS 9x1 | SU | - | 2432 | 2400 | -47.87 |

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

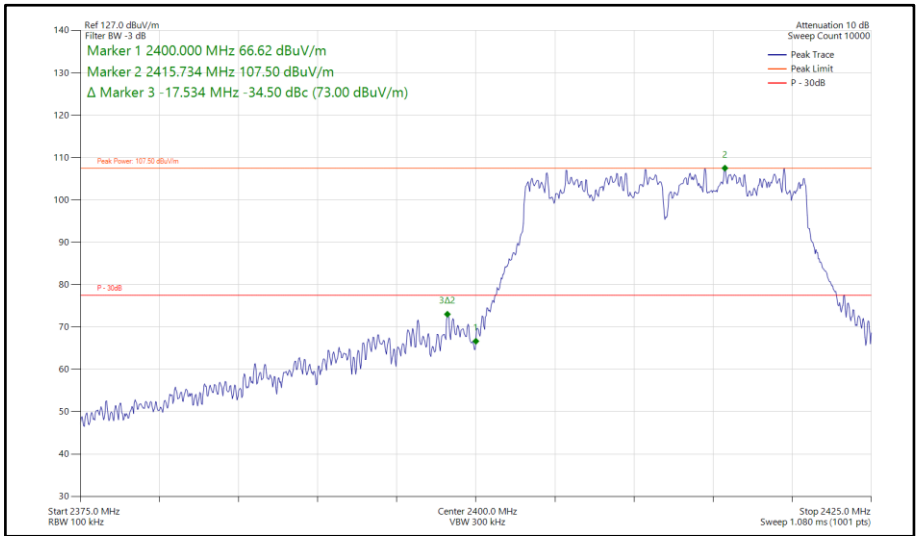


**Figure 174 - 802.11n HT20, CDD, Core 0 - Core 1 - 2412 MHz Band Edge Frequency 2400 MHz**

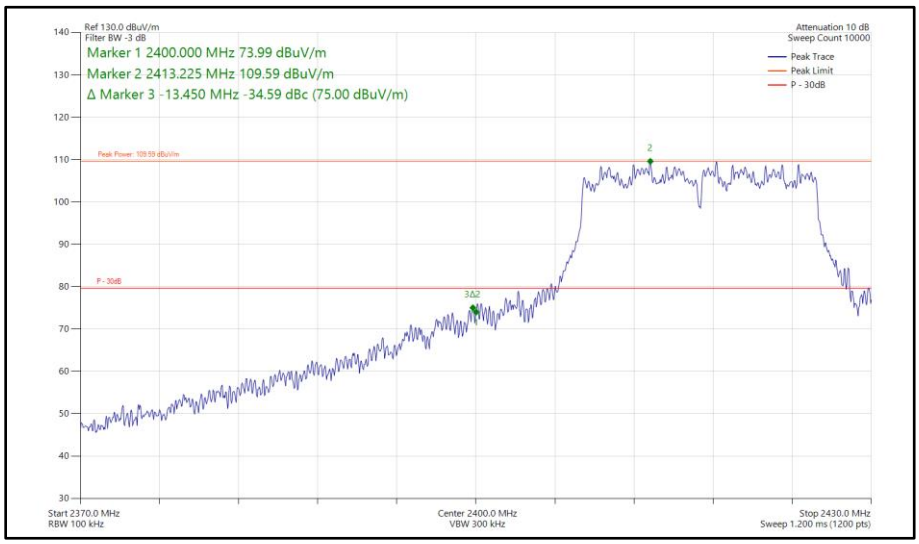


**Figure 175 - 802.11n HT20, CDD, Core 0 - Core 1 - 2417 MHz Band Edge Frequency 2400 MHz**

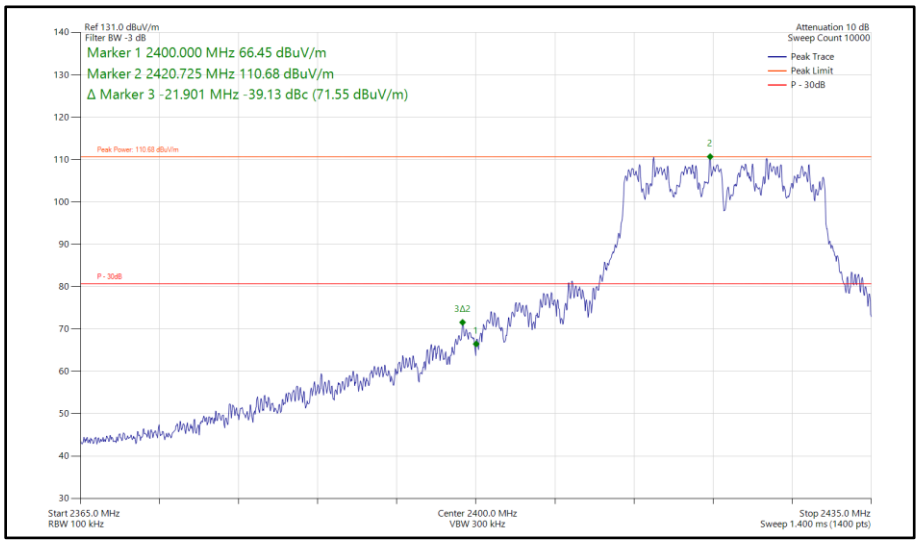


**Figure 176 - 802.11n HT20, CDD, Core 0 - Core 1 - 2422 MHz Band Edge Frequency 2400 MHz**

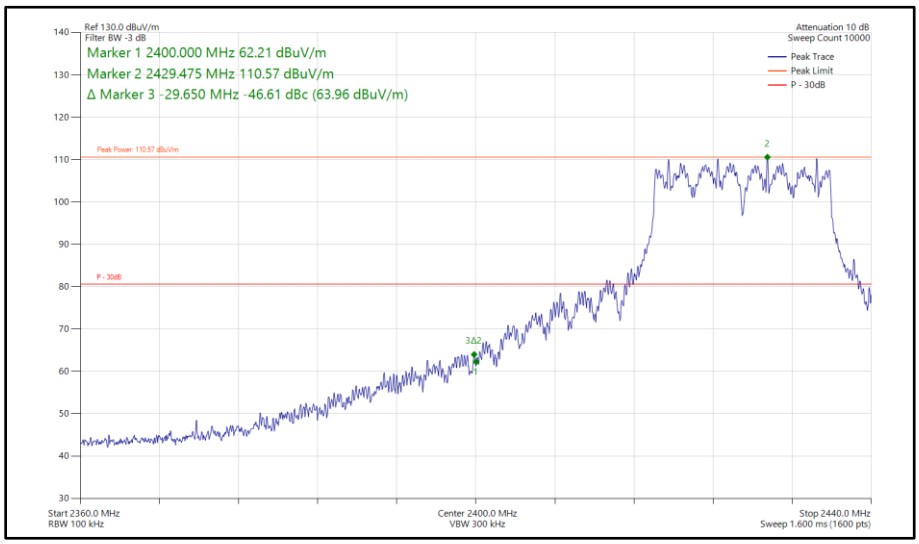


**Figure 177 - 802.11n HT20, CDD, Core 0 - Core 1 - 2427 MHz Band Edge Frequency 2400 MHz**

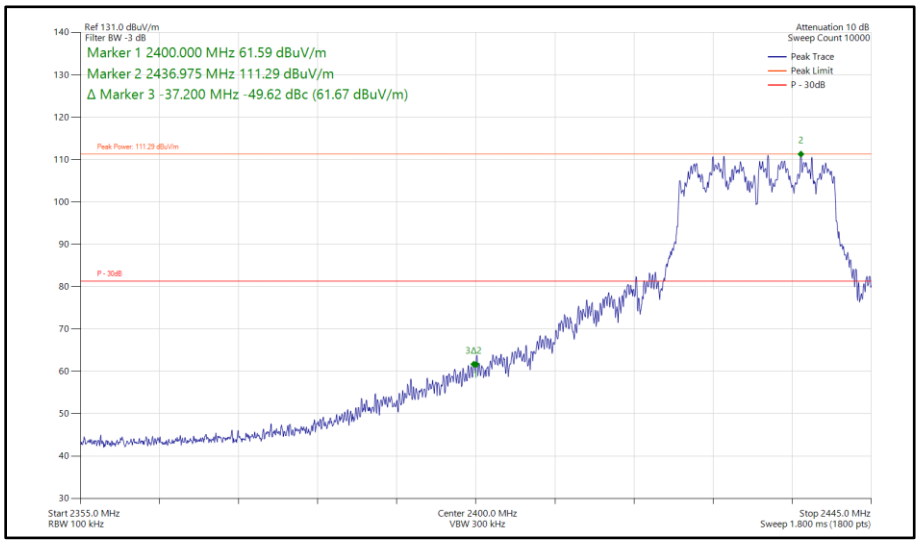


**Figure 178 - 802.11n HT20, CDD, Core 0 - Core 1 - 2432 MHz Band Edge Frequency 2400 MHz**

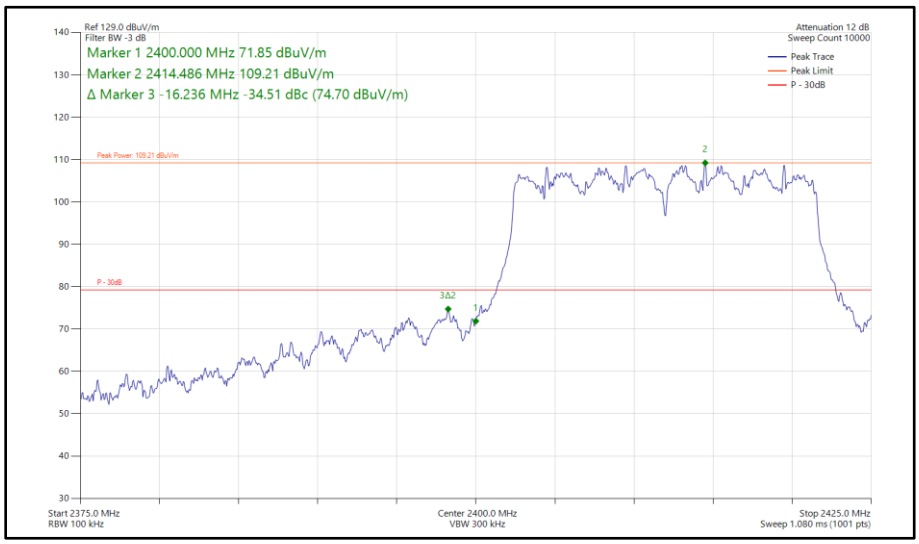


**Figure 179 - 802.11ax HE20, SU, CDD, Core 0 - Core 1 - 2412 MHz Band Edge Frequency 2400 MHz**

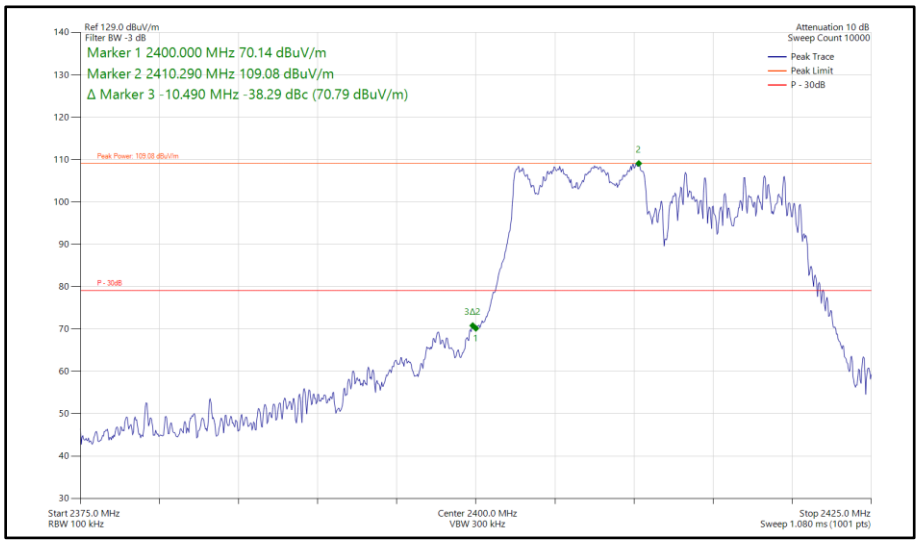


**Figure 180 - 802.11ax HE20, RU 106-53, CDD, Core 0 - Core 1 - 2412 MHz Band Edge Frequency 2400 MHz**

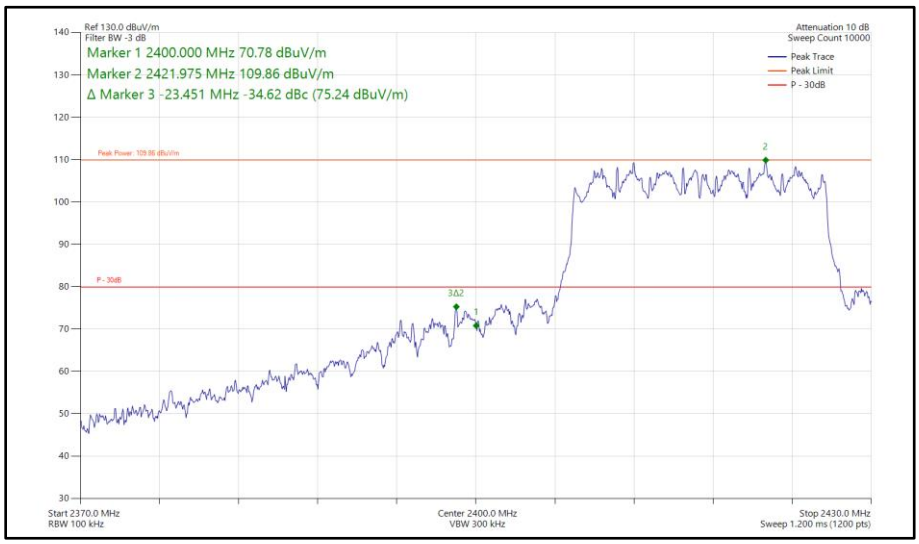


**Figure 181 - 802.11ax HE20, SU, CDD, Core 0 - Core 1 - 2417 MHz Band Edge Frequency 2400 MHz**

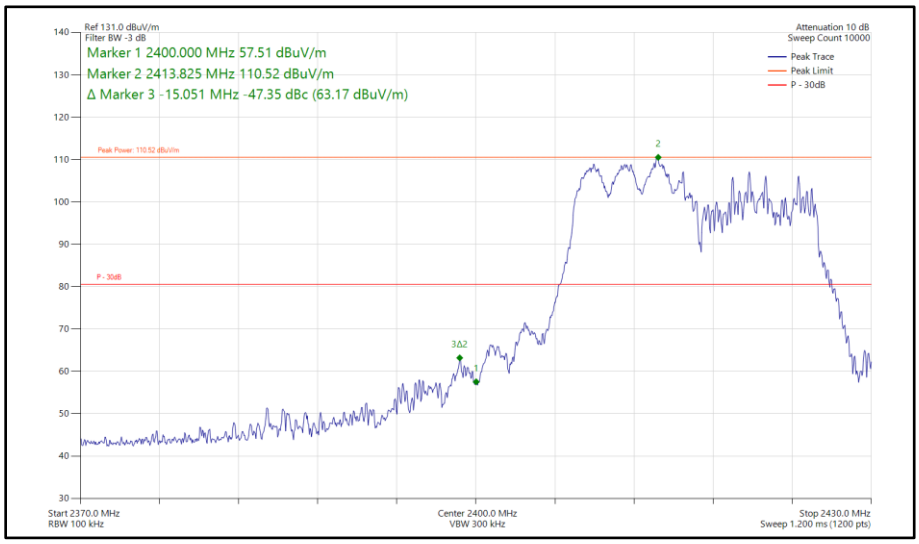


**Figure 182 - 802.11ax HE20, RU 106-53, CDD, Core 0 - Core 1 - 2417 MHz Band Edge Frequency 2400 MHz**

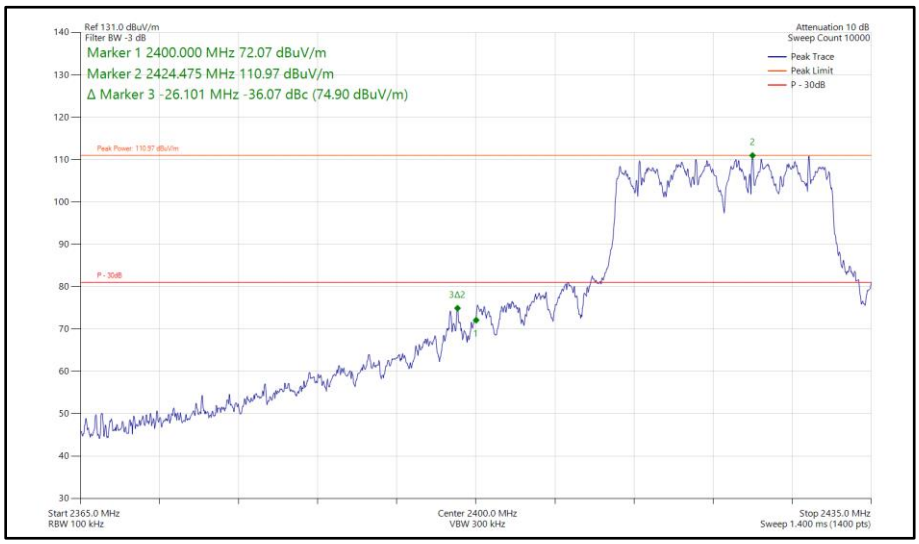


**Figure 183 - 802.11ax HE20, SU, CDD, Core 0 - Core 1 - 2422 MHz Band Edge Frequency 2400 MHz**

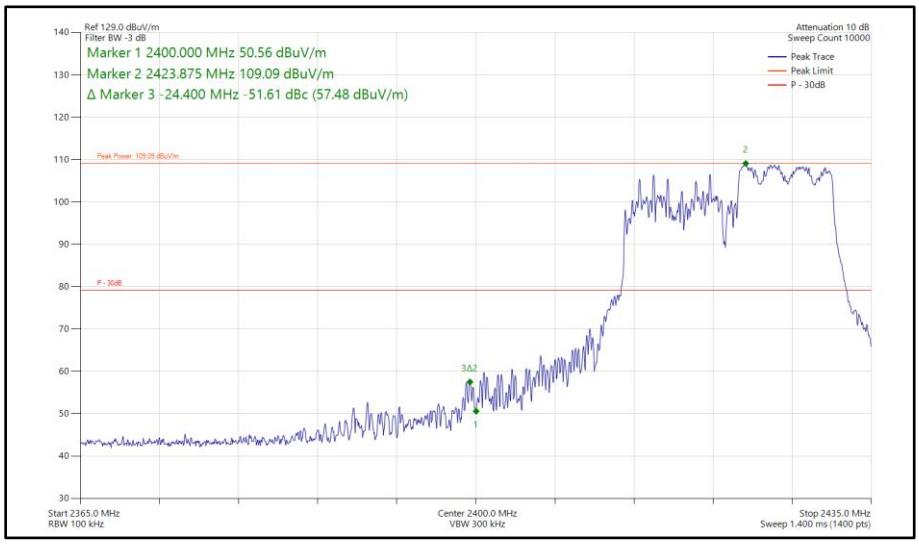


**Figure 184 - 802.11ax HE20, RU 106-54, CDD, Core 0 - Core 1 - 2422 MHz Band Edge Frequency 2400 MHz**

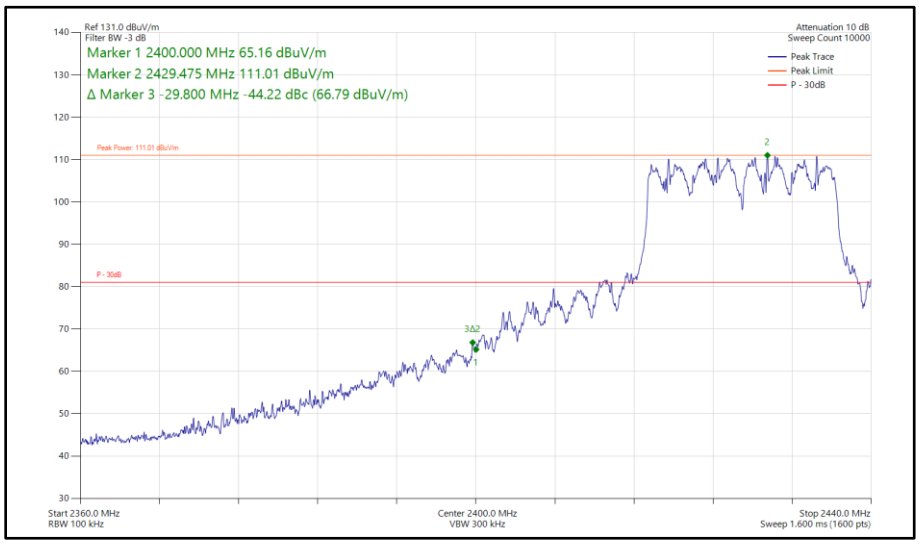


**Figure 185 - 802.11ax HE20, SU, CDD, Core 0 - Core 1 - 2427 MHz Band Edge Frequency 2400 MHz**

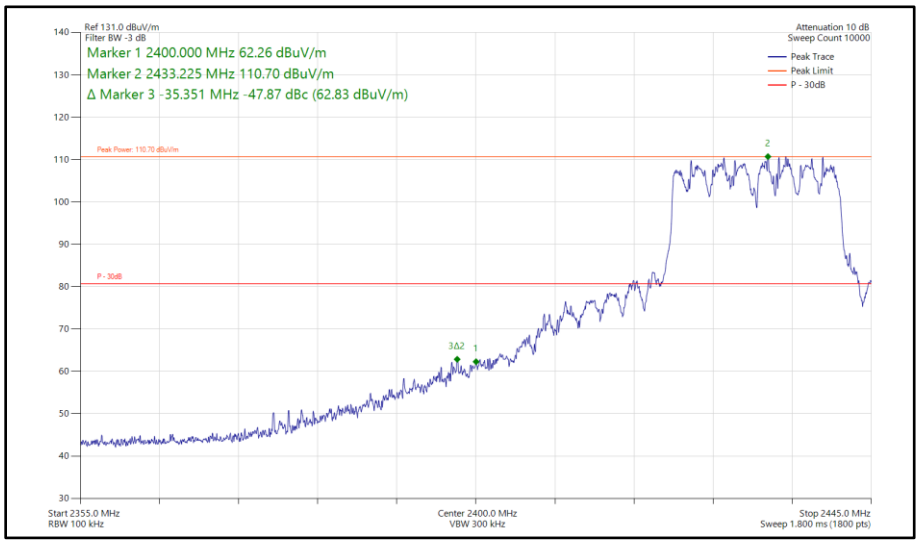


**Figure 186 - 802.11ax HE20, SU, CDD, Core 0 - Core 1 - 2432 MHz Band Edge Frequency 2400 MHz**

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 15.

| Instrument | Manufacturer | Type No. | TE No. | Calibration Period (months) | Calibration Expiry Date |
|---|---|---|---|---|---|
| Emissions Software | TUV SUD | EmX V3.2.0 | 5125 | - | Software |
| EMI Test Receiver | Rohde & Schwarz | ESW44 | 5911 | 12 | 11-Sep-2024 |
| 1500W (300V 12A) AC Power Supply | iTech | IT7324 | 5955 | - | O/P Mon |
| 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 |
| Cable (SMA to SMA 1m) | Junkosha | MWX221-01000AMSAMS/A | 5997 | 12 | 14-Sep-2024 |
| Cable (N to N 1m) | Junkosha | MWX221-01000AMSAMS/B | 6009 | 12 | 05-Jun-2024* |
| Horn Antenna (1-10 GHz) | Schwarzbeck | BBHA9120B | 6140 | 12 | 26-Aug-2024 |
| Horn Antenna (1-10 GHz) | Schwarzbeck | BBHA9120B | 6142 | 12 | 26-Aug-2024 |
| Digital Multimeter | Fluke | 115 | 6147 | 12 | 16-Jun-2024* |
| Digital Multimeter | Fluke | 115 | 6147 | 12 | 06-Jun-2024* |
| Humidity & Temperature meter | R.S Components | 1364 | 6148 | 12 | 21-Jul-2024 |
| SAC Switch Unit | TUV SUD | TUV_SSU_001 | 6191 | 12 | 18-Dec-2024 |
| 1m Cable | Junkosha | MWX241-01000AMSAMS/B | 6740 | 12 | 01-Feb-2025 |
| 6.5m Cable | Junkosha | MWX221-06500AMSAMS/B | 6744 | 12 | 01-Feb-2025 |

**Table 58**

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

*NOTE: Only used within calibration period.

## 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

A3137, S/N: FV5VYV72RL - Modification State 0
A3137, S/N: M42K4610G2 - Modification State 0

### 2.5.3 Date of Test

09-June-2024 to 18-July-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.

The EUT was placed on the non-conducting platform in a manner typical of a normal installation.

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 30 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^(Field Strength in dBµV/m/20).

Above 18 GHz, the measurement distance was reduced to 1 m. The limit line was increased by 20*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

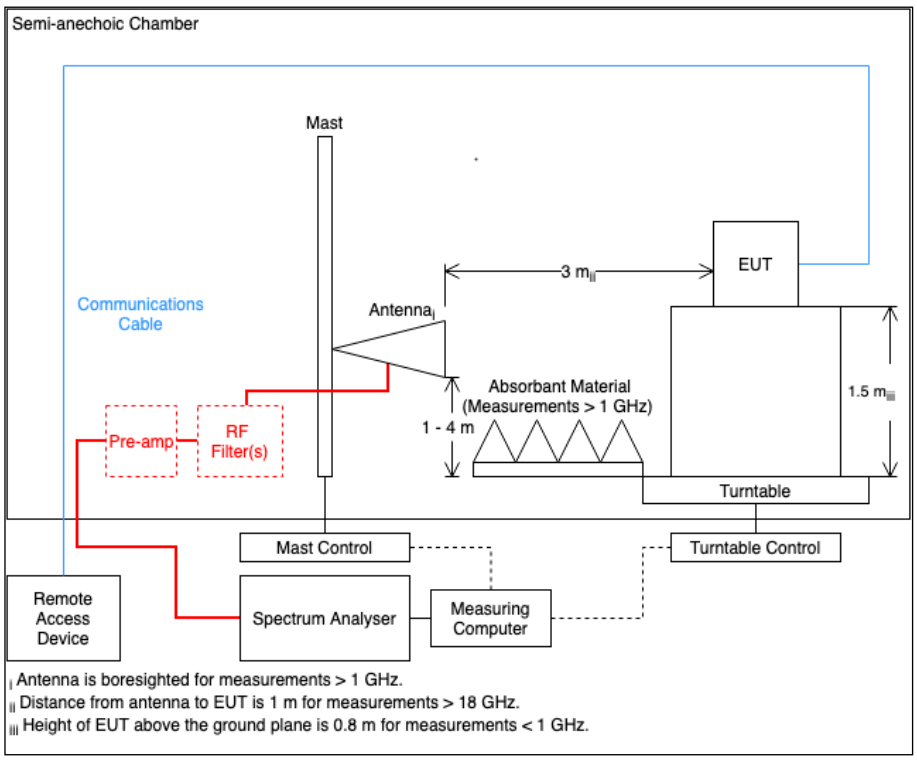


**Figure 187**

### 2.5.6 Environmental Conditions

| | |
|---|---|
| Ambient Temperature | 21.5 - 25.1 °C |
| Relative Humidity | 37.1 - 47.3 % |

### 2.5.7 Test Results

2.4 GHz WLAN

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|---|---|---|---|---|---|---|---|
| 1203.255 | 34.48 | 54.00 | -19.52 | RMS | 242 | 305 | Vertical |

**Table 59 - 2412 MHz (CH1), 802.11b, Core 0, 1 GHz to 26 GHz**

No other emissions found within 10 dB of the limit.

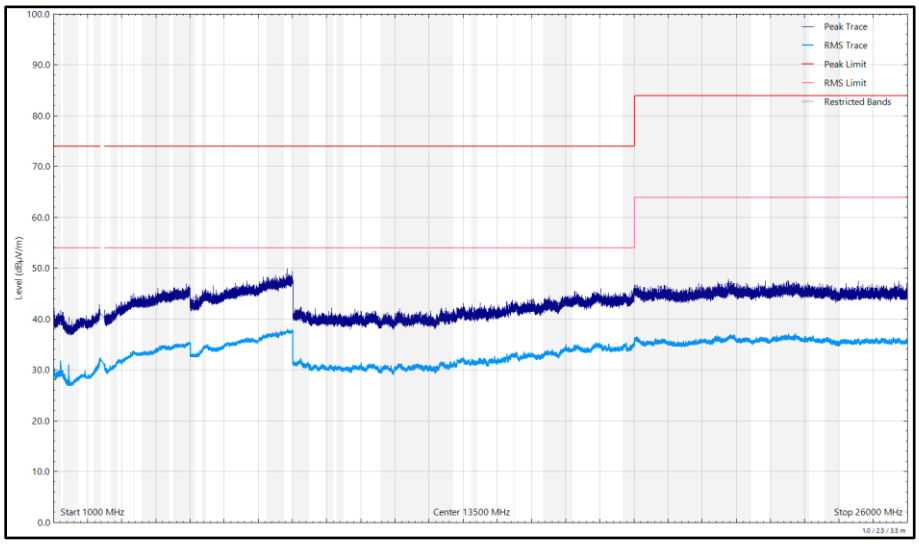


**Figure 188 - 2412 MHz (CH1), 802.11b, Core 0, 1 GHz to 26 GHz, Horizontal**

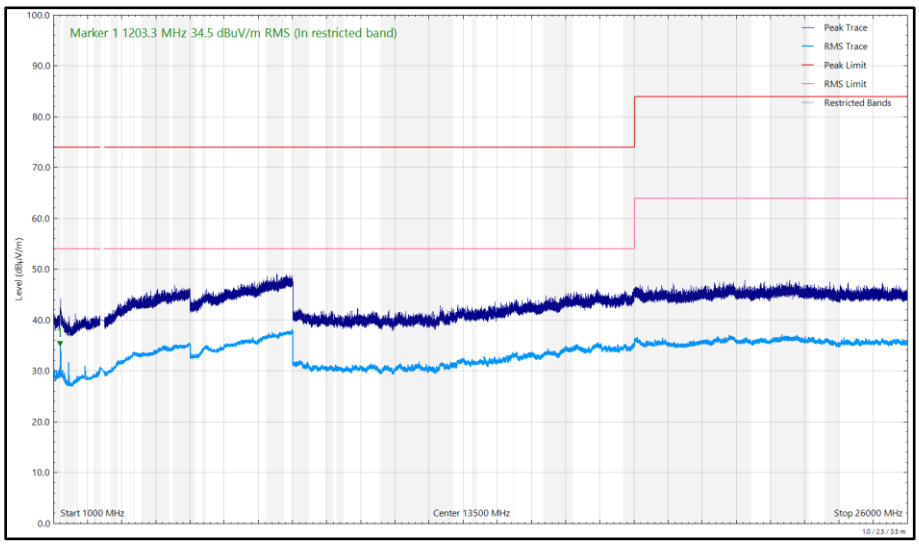


**Figure 189 - 2412 MHz (CH1), 802.11b, Core 0, 1 GHz to 26 GHz, Vertical**

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

**Table 60 - 2442 MHz (CH7), 802.11b, Core 0, 30 MHz to 26 GHz**

*No emissions found within 10 dB of the limit.

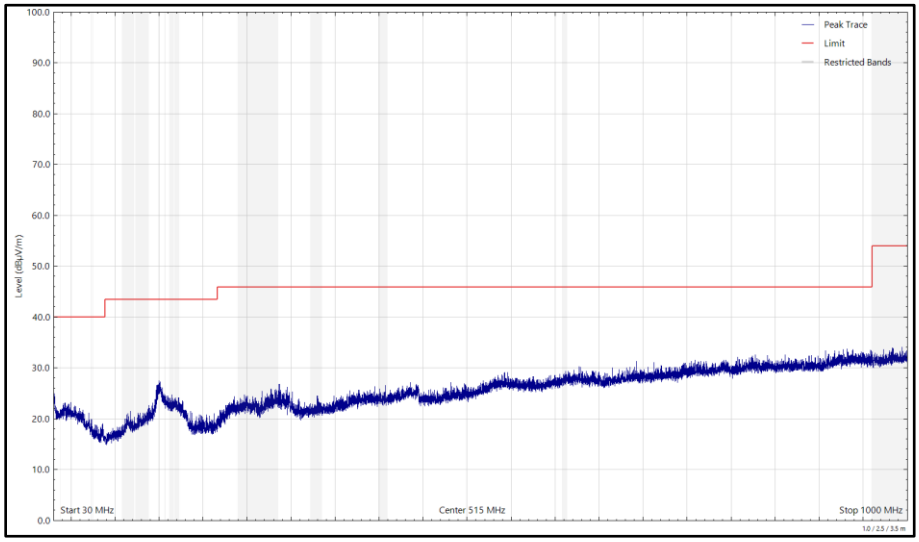


**Figure 190 - 2442 MHz (CH7), 802.11b, Core 0, 30 MHz to 1 GHz, Horizontal (Peak)**

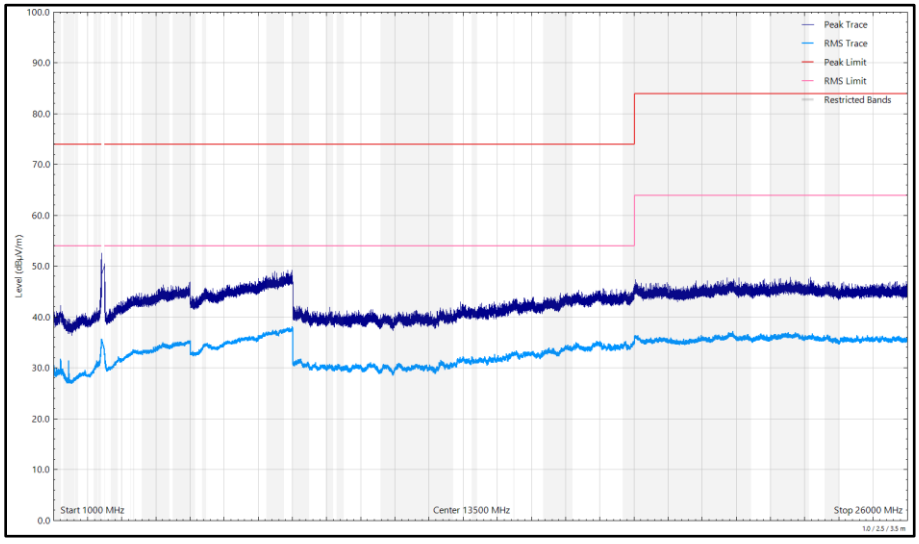


**Figure 191 - 2442 MHz (CH7), 802.11b, Core 0, 1 GHz to 26 GHz, Horizontal**

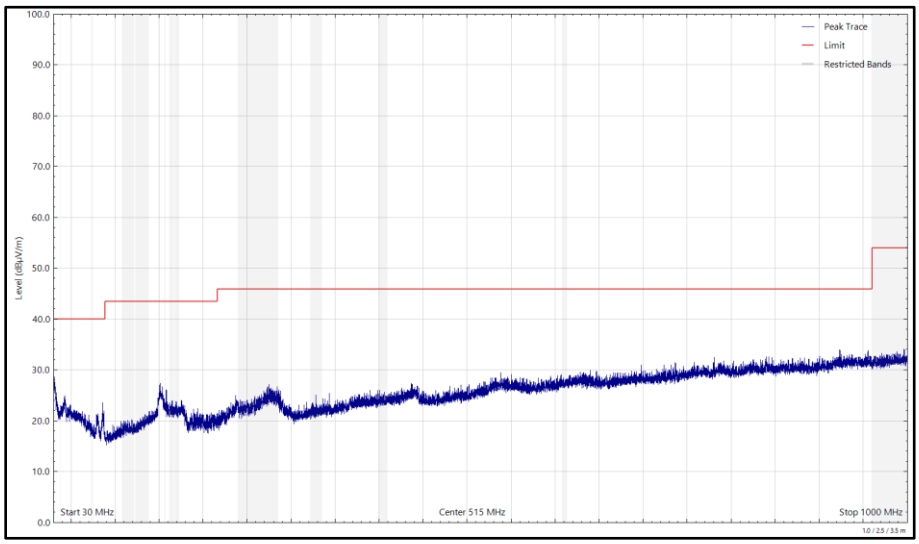


**Figure 192 - 2442 MHz (CH7), 802.11b, Core 0, 30 MHz to 1 GHz, Vertical (Peak)**

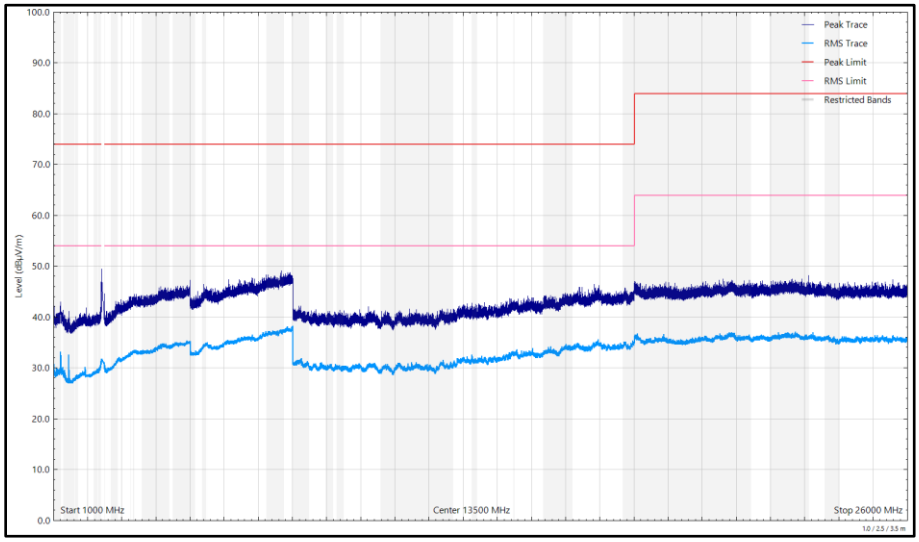


**Figure 193 - 2442 MHz (CH7), 802.11b, Core 0, 1 GHz to 26 GHz, Vertical**

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|---|---|---|---|---|---|---|---|
| 1204.030 | 34.14 | 54.00 | -19.86 | RMS | 118 | 319 | Vertical |

**Table 61 - 2472 MHz (CH13), 802.11b, Core 0, 1 GHz to 26 GHz**

No other emissions found within 10 dB of the limit.

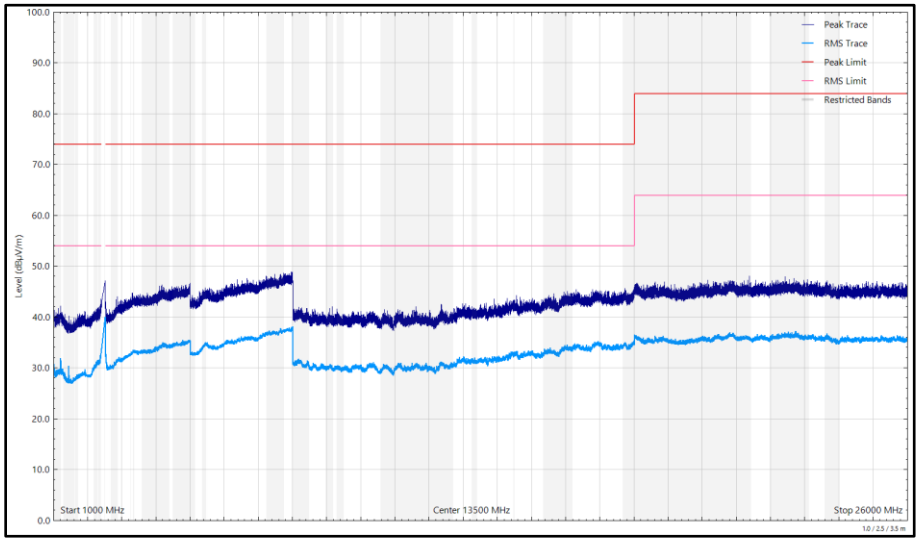


**Figure 194 - 2472 MHz (CH13), 802.11b, Core 0, 1 GHz to 26 GHz, Horizontal**

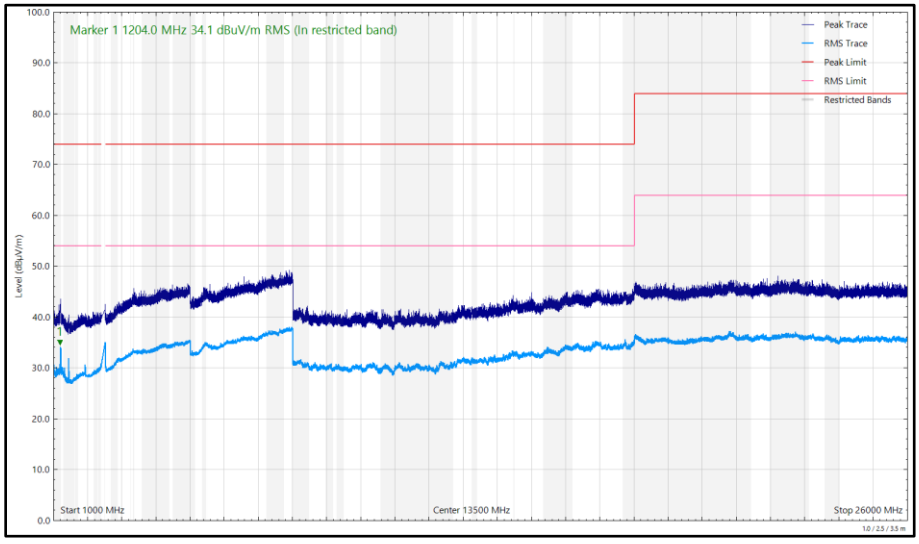


**Figure 195 - 2472 MHz (CH13), 802.11b, Core 0, 1 GHz to 26 GHz, Vertical**

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|---|---|---|---|---|---|---|---|
| 1202.550 | 34.26 | 54.00 | -19.74 | RMS | 241 | 304 | Vertical |

**Table 62 - 2412 MHz (CH1), 802.11b, Core 1, 1 GHz to 26 GHz**

No other emissions found within 10 dB of the limit.

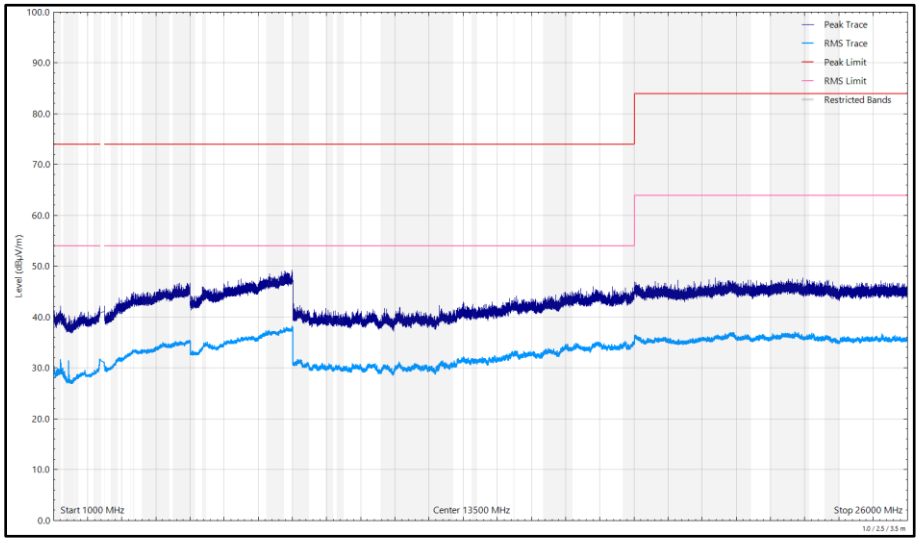


**Figure 196 - 2412 MHz (CH1), 802.11b, Core 1, 1 GHz to 26 GHz, Horizontal**

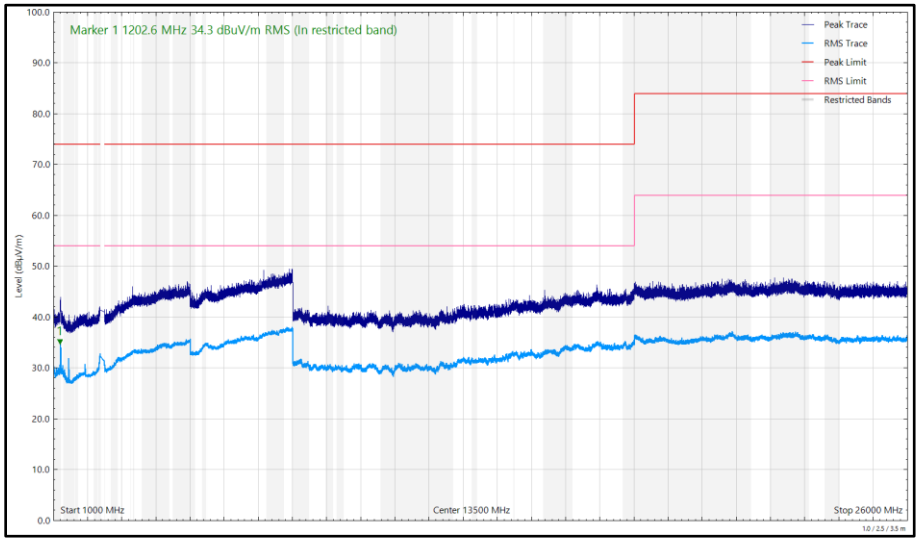


**Figure 197 - 2412 MHz (CH1), 802.11b, Core 1, 1 GHz to 26 GHz, Vertical**

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

**Table 63 - 2442 MHz (CH7), 802.11b, Core 1, 30 MHz to 26 GHz**

*No emissions found within 10 dB of the limit.

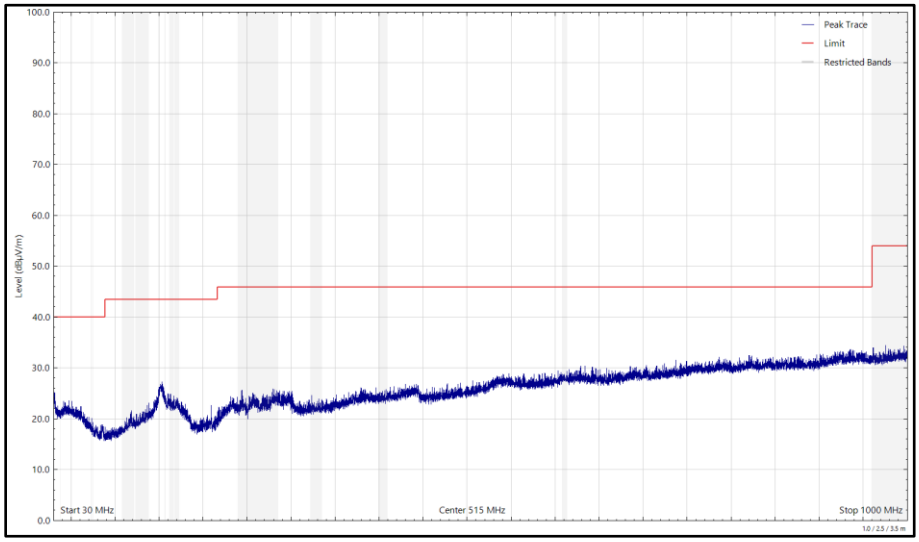


**Figure 198 - 2442 MHz (CH7), 802.11b, Core 1, 30 MHz to 1 GHz, Horizontal (Peak)**

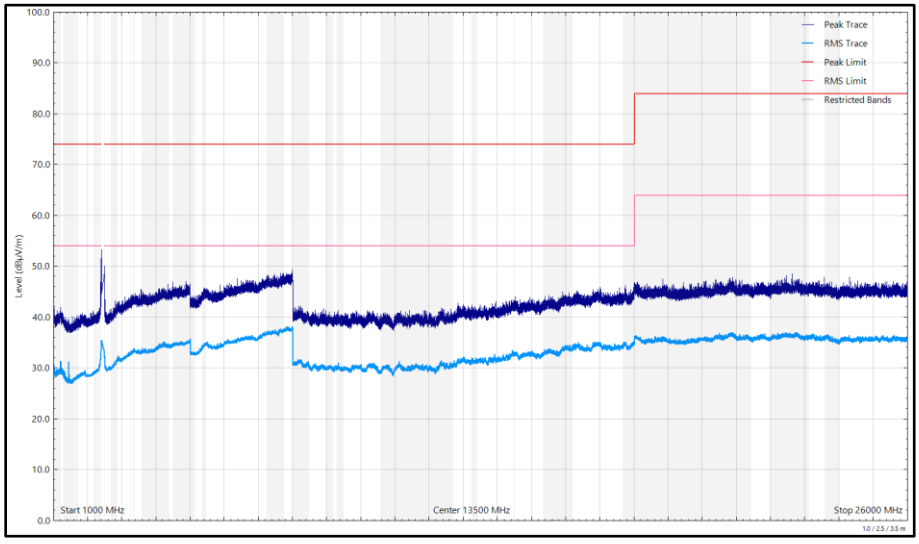


**Figure 199 - 2442 MHz (CH7), 802.11b, Core 1, 1 GHz to 26 GHz, Horizontal**

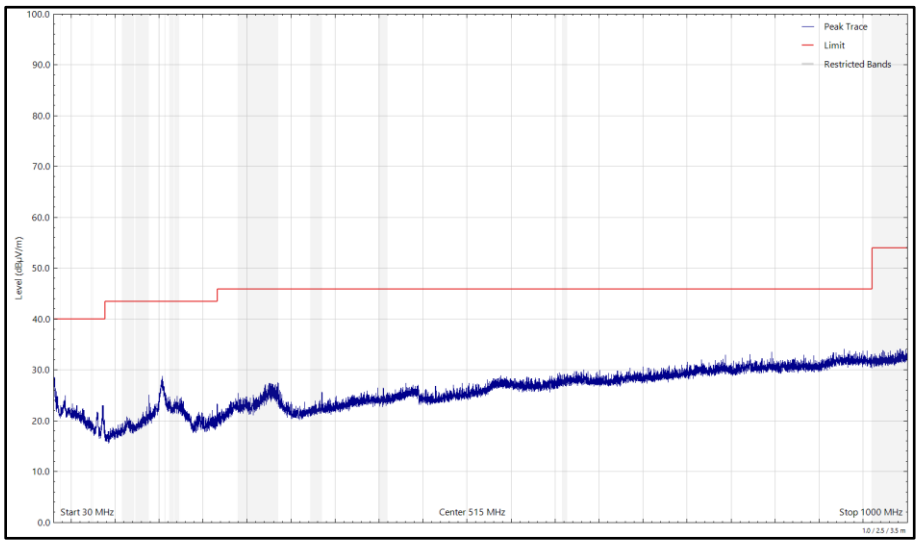


**Figure 200 - 2442 MHz (CH7), 802.11b, Core 1, 30 MHz to 1 GHz, Vertical (Peak)**

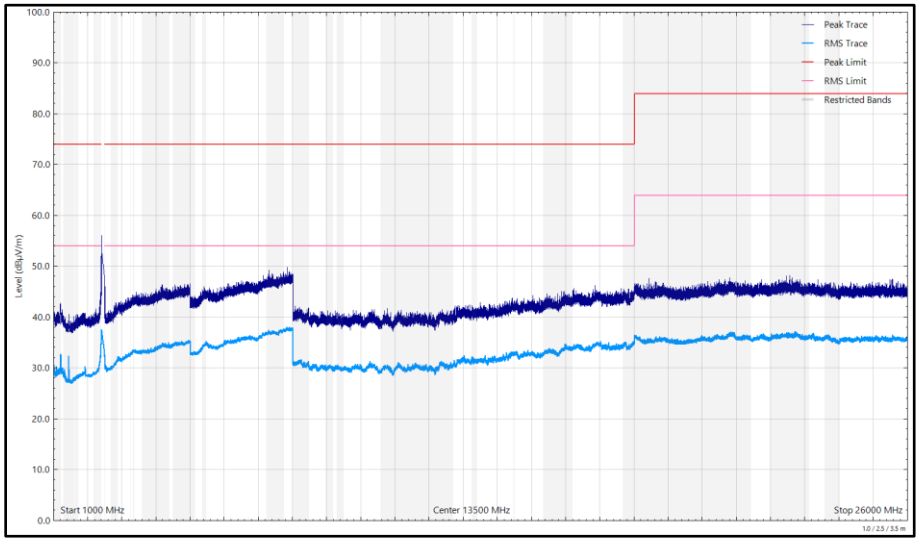


**Figure 201 - 2442 MHz (CH7), 802.11b, Core 1, 1 GHz to 26 GHz, Vertical**

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

**Table 64 - 2472 MHz (CH13), 802.11b, Core 1, 1 GHz to 26 GHz**

*No emissions found within 10 dB of the limit.

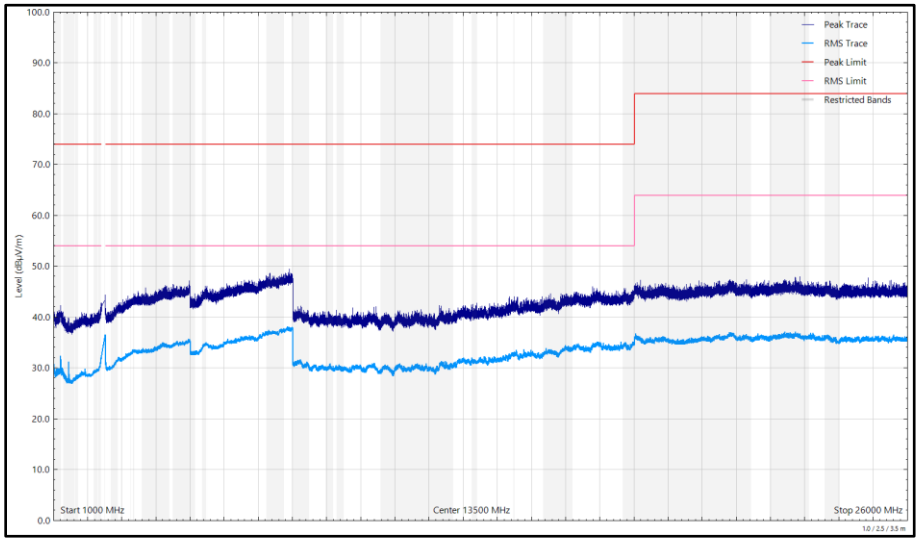


**Figure 202 - 2472 MHz (CH13), 802.11b, Core 1, 1 GHz to 26 GHz, Horizontal**

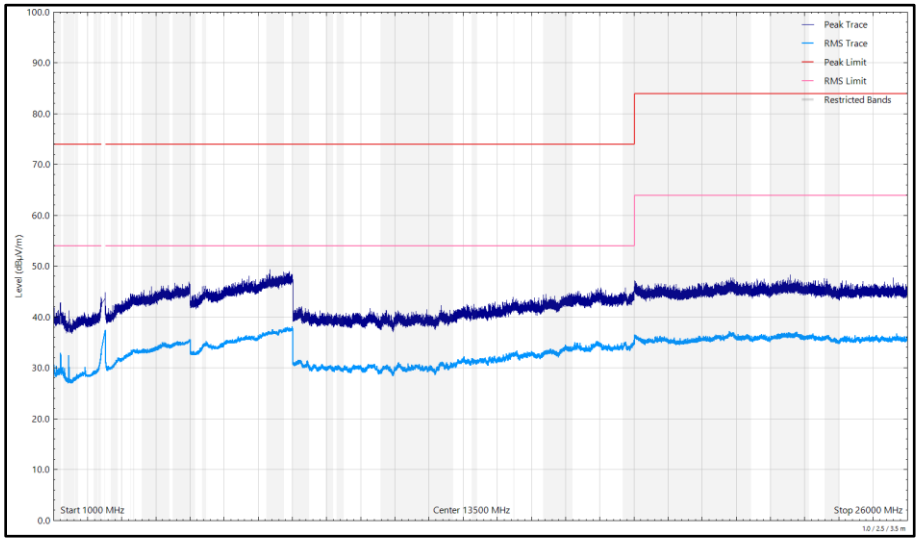


**Figure 203 - 2472 MHz (CH13), 802.11b, Core 1, 1 GHz to 26 GHz, Vertical**

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|---|---|---|---|---|---|---|---|
| 2354.986 | 36.58 | 54.00 | -17.42 | RMS | 75 | 265 | Horizontal |

**Table 65 - 2412 MHz (CH1), 802.11g, Core 0, 1 GHz to 26 GHz**

No other emissions found within 10 dB of the limit.

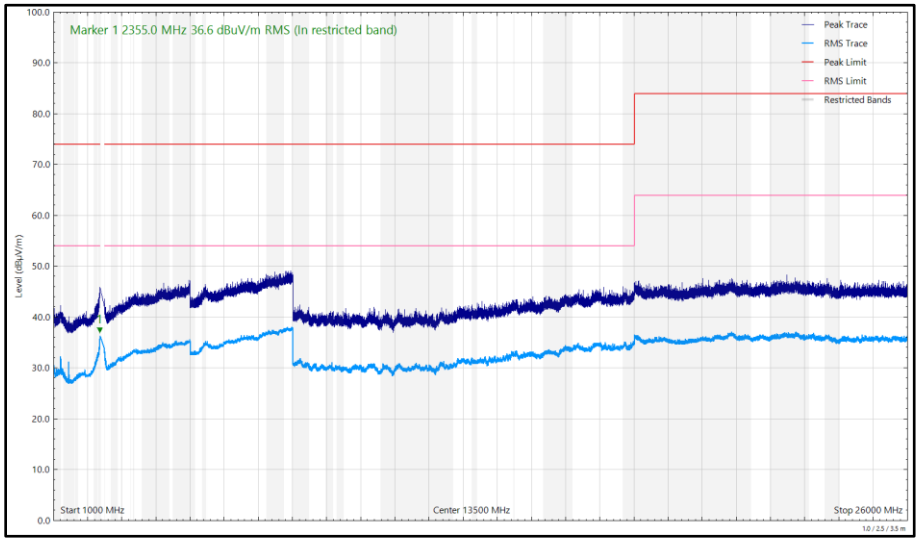


**Figure 204 - 2412 MHz (CH1), 802.11g, Core 0, 1 GHz to 26 GHz, Horizontal**

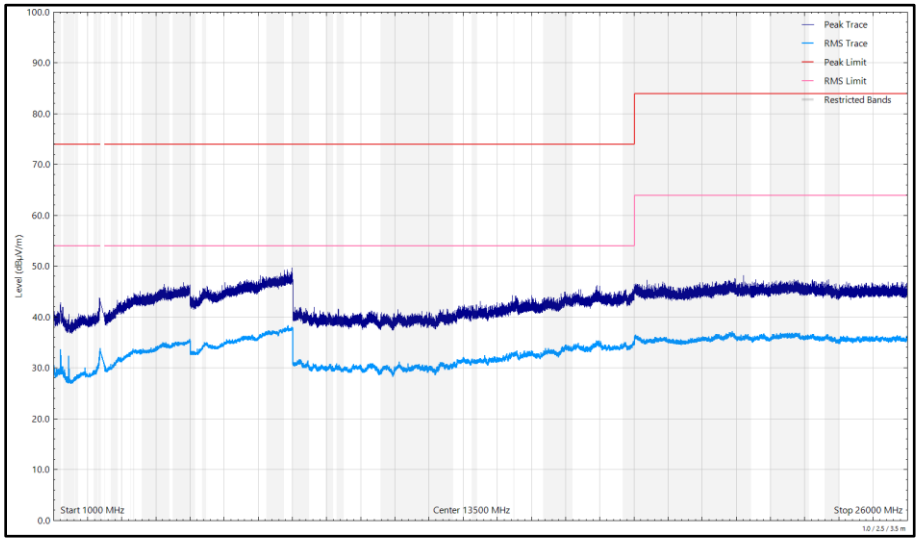


**Figure 205 - 2412 MHz (CH1), 802.11g, Core 0, 1 GHz to 26 GHz, Vertical**

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|---|---|---|---|---|---|---|---|
| 2389.771 | 38.46 | 54.00 | -15.54 | RMS | 78 | 263 | Horizontal |
| 2483.516 | 41.67 | 54.00 | -12.33 | RMS | 79 | 206 | Horizontal |
| 2483.546 | 37.17 | 54.00 | -16.83 | RMS | 71 | 176 | Vertical |
| 2483.601 | 60.34 | 74.00 | -13.66 | Peak | 72 | 188 | Horizontal |

**Table 66 - 2442 MHz (CH7), 802.11g, Core 0, 30 MHz to 26 GHz**

No other emissions found within 10 dB of the limit.

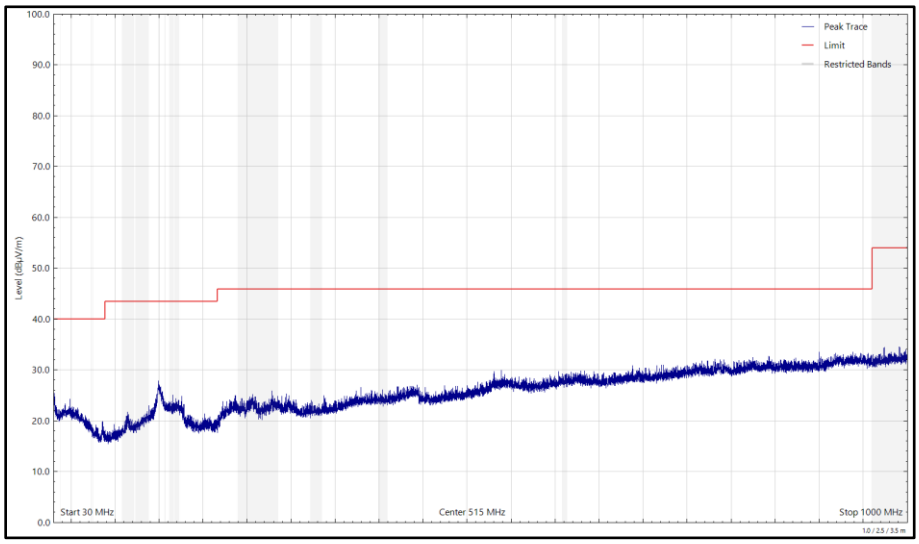


**Figure 206 - 2442 MHz (CH7), 802.11g, Core 0, 30 MHz to 1 GHz, Horizontal (Peak)**

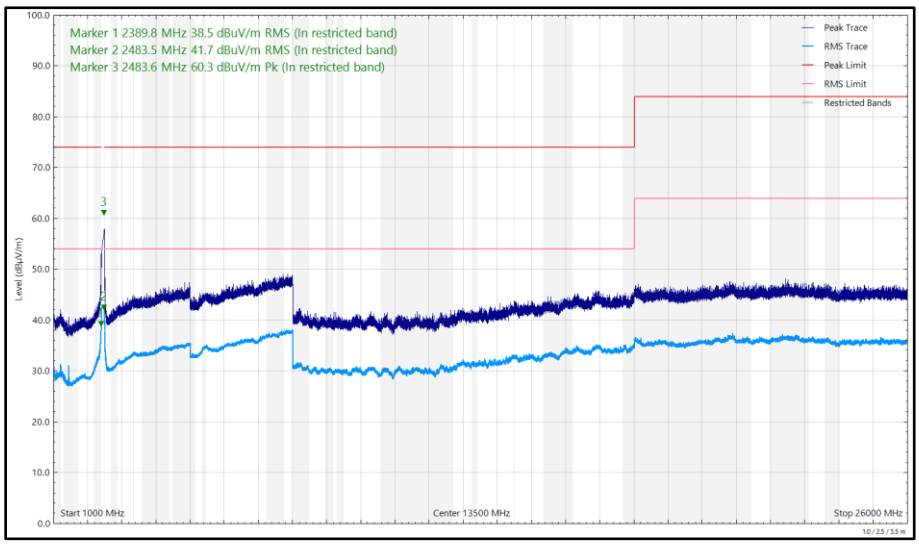


**Figure 207 - 2442 MHz (CH7), 802.11g, Core 0, 1 GHz to 26 GHz, Horizontal**

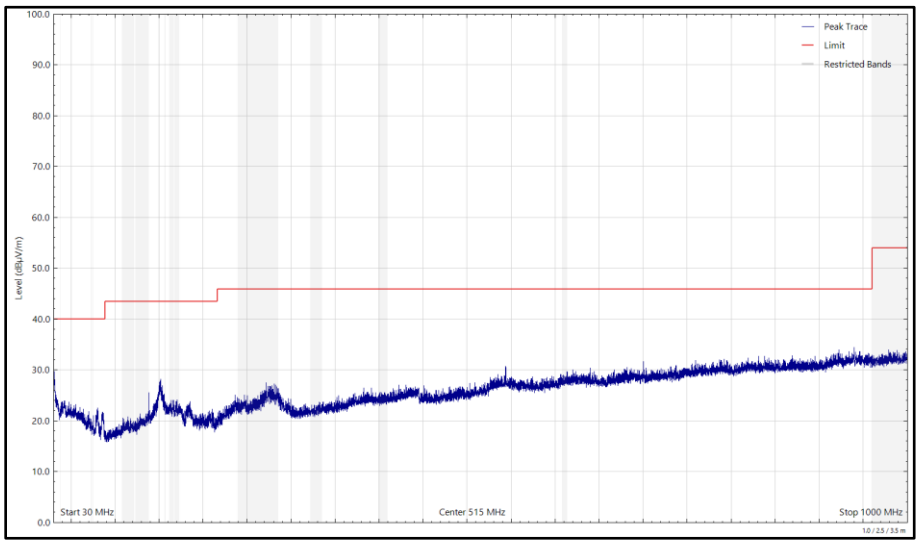


**Figure 208 - 2442 MHz (CH7), 802.11g, Core 0, 30 MHz to 1 GHz, Vertical (Peak)**

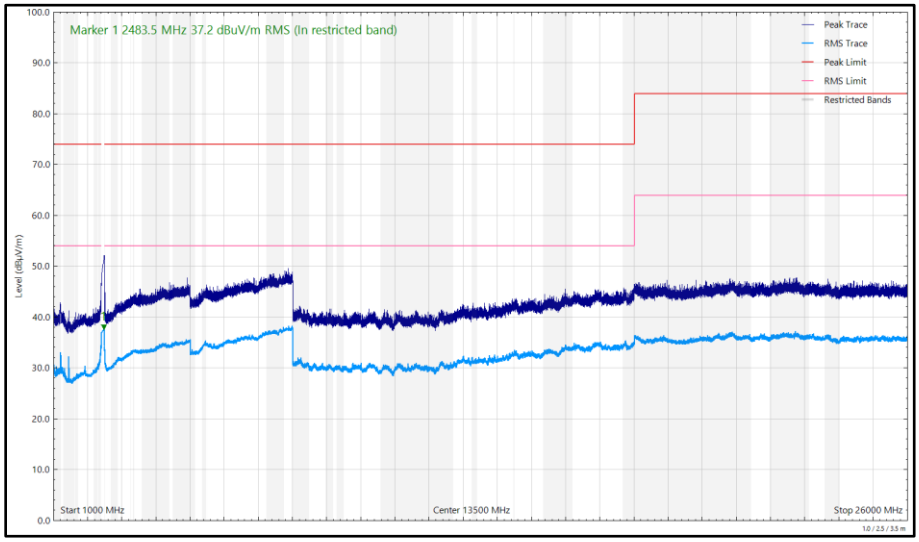


**Figure 209 - 2442 MHz (CH7), 802.11g, Core 0, 1 GHz to 26 GHz, Vertical**

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|---|---|---|---|---|---|---|---|
| 2389.664 | 36.09 | 54.00 | -17.91 | RMS | 77 | 259 | Horizontal |
| 2508.992 | 65.46 | 77.00 | -11.54 | Peak | 72 | 188 | Horizontal |

**Table 67 - 2472 MHz (CH13), 802.11g, Core 0, 1 GHz to 26 GHz**

No other emissions found within 10 dB of the limit.

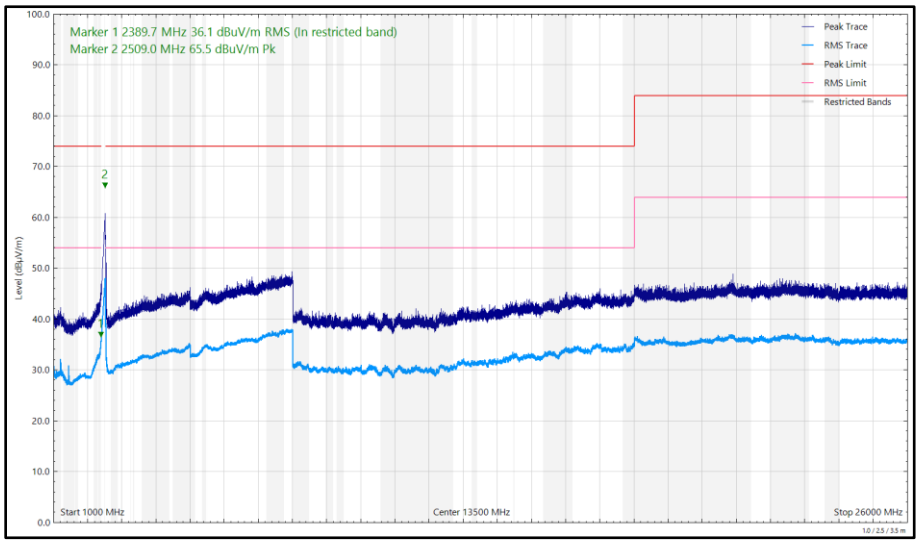


**Figure 210 - 2472 MHz (CH13), 802.11g, Core 0, 1 GHz to 26 GHz, Horizontal**

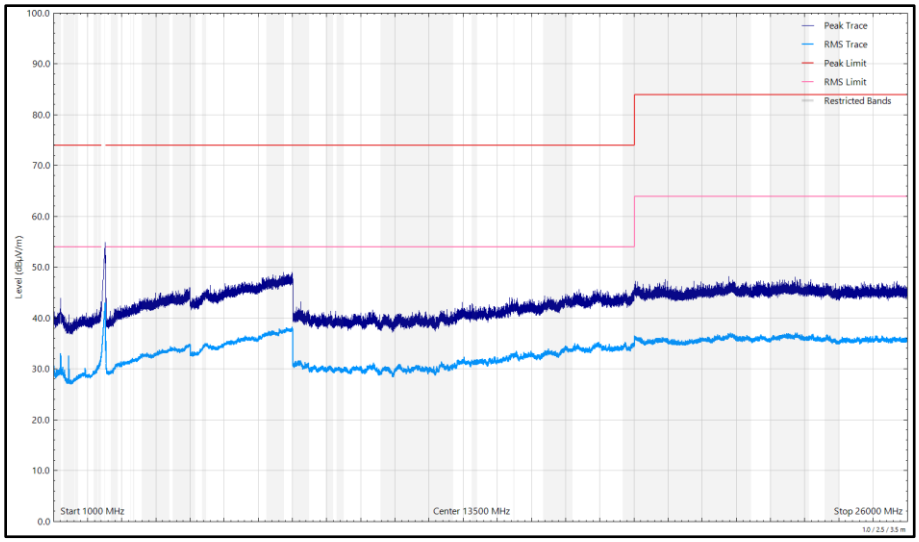


**Figure 211 - 2472 MHz (CH13), 802.11g, Core 0, 1 GHz to 26 GHz, Vertical**

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|---|---|---|---|---|---|---|---|
| 2354.819 | 36.30 | 54.00 | -17.70 | RMS | 179 | 184 | Vertical |
| 2354.986 | 34.71 | 54.00 | -19.29 | RMS | 249 | 136 | Horizontal |

**Table 68 - 2412 MHz (CH1), 802.11g, Core 1, 1 GHz to 26 GHz**

No other emissions found within 10 dB of the limit.

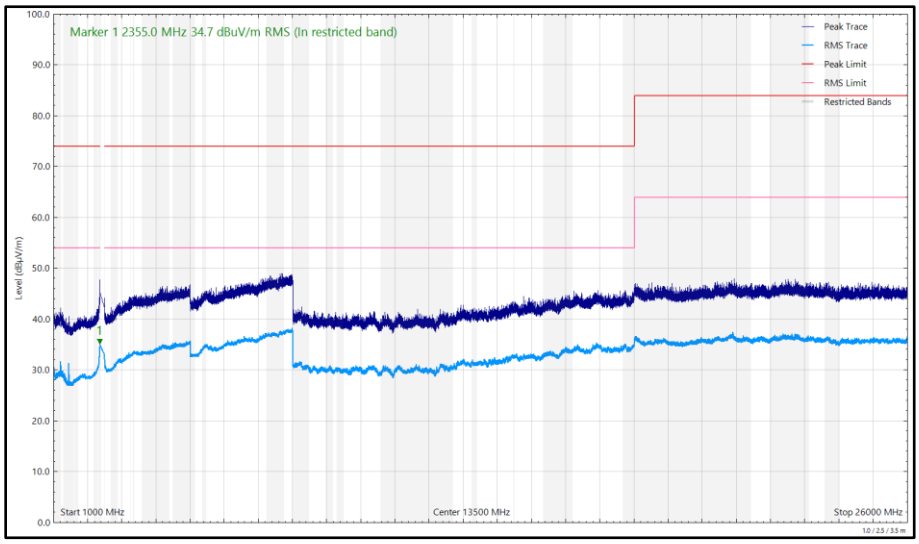


**Figure 212 - 2412 MHz (CH1), 802.11g, Core 1, 1 GHz to 26 GHz, Horizontal**

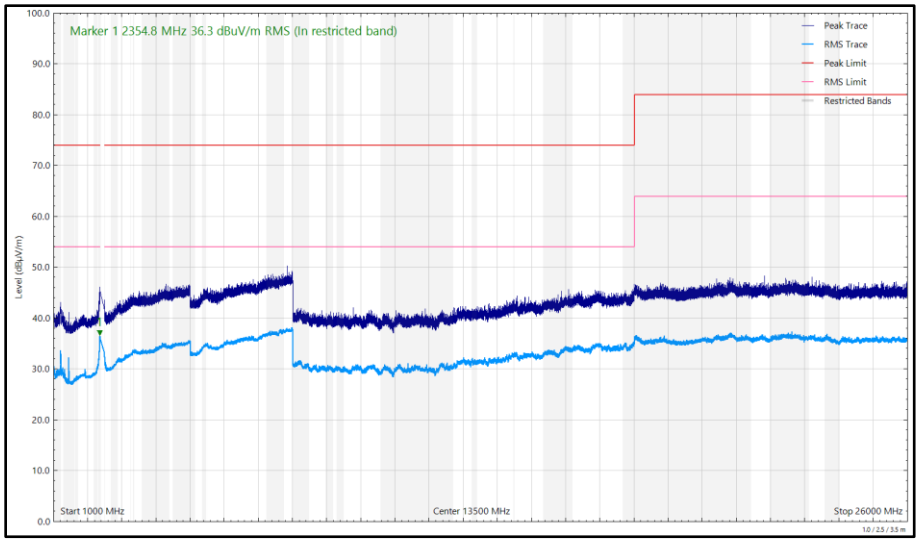


**Figure 213 - 2412 MHz (CH1), 802.11g, Core 1, 1 GHz to 26 GHz, Vertical**

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|---|---|---|---|---|---|---|---|
| 2389.862 | 38.26 | 54.00 | -15.74 | RMS | 234 | 245 | Horizontal |
| 2389.983 | 39.69 | 54.00 | -14.31 | RMS | 182 | 170 | Vertical |
| 2483.589 | 38.60 | 54.00 | -15.40 | RMS | 242 | 179 | Horizontal |
| 2483.669 | 39.43 | 54.00 | -14.57 | RMS | 184 | 100 | Vertical |

**Table 69 - 2442 MHz (CH7), 802.11g, Core 1, 30 MHz to 26 GHz**

No other emissions found within 10 dB of the limit.

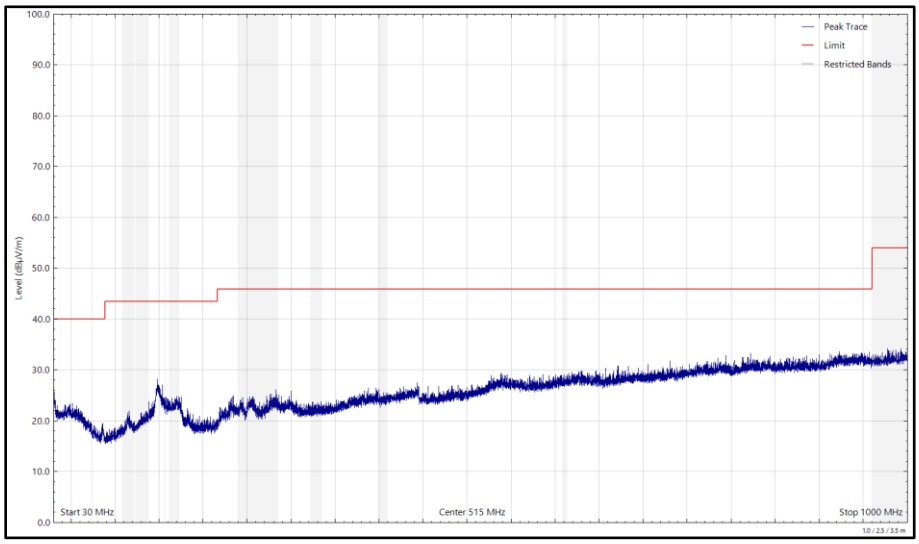


**Figure 214 - 2442 MHz (CH7), 802.11g, Core 1, 30 MHz to 1 GHz, Horizontal (Peak)**

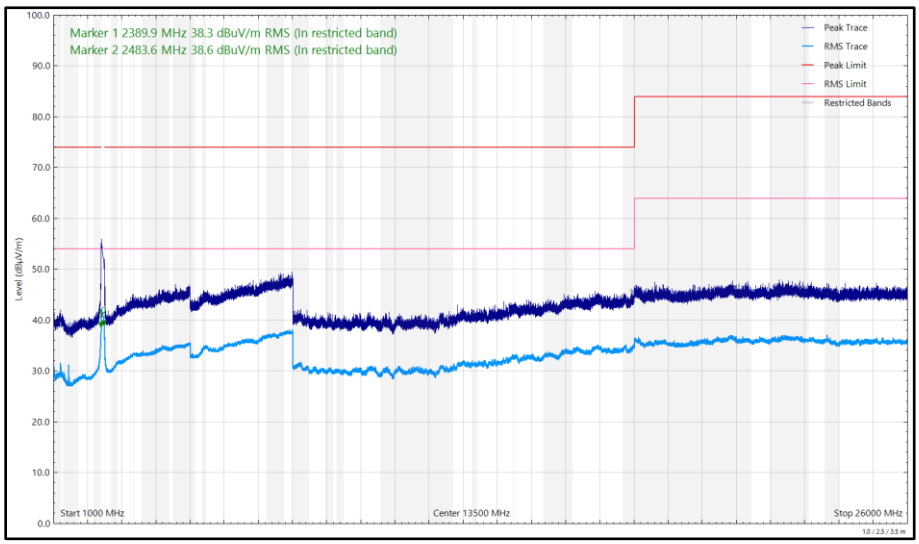


**Figure 215 - 2442 MHz (CH7), 802.11g, Core 1, 1 GHz to 26 GHz, Horizontal**

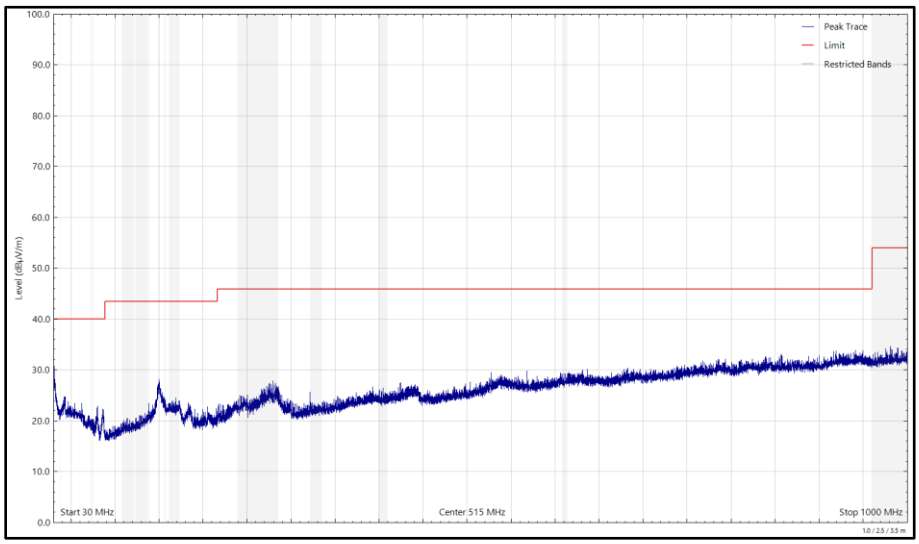


**Figure 216 - 2442 MHz (CH7), 802.11g, Core 1, 30 MHz to 1 GHz, Vertical (Peak)**

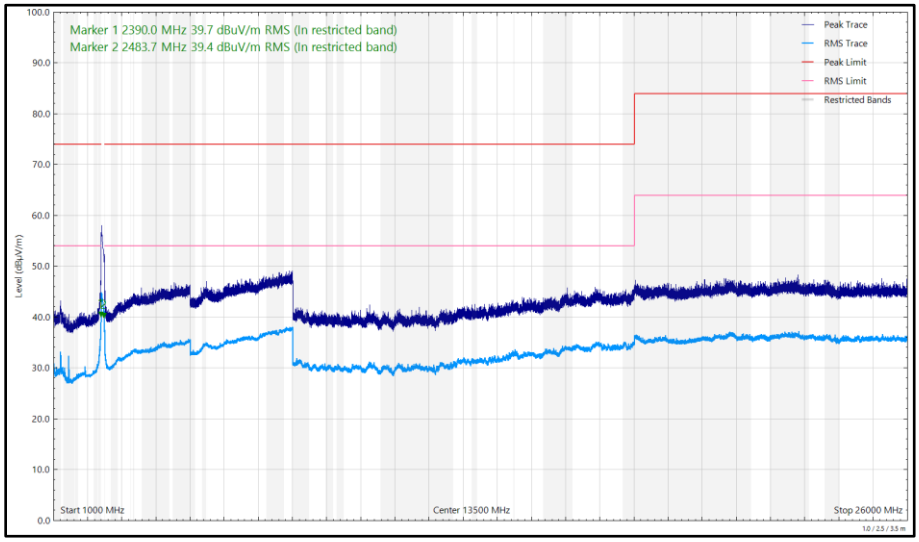


**Figure 217 - 2442 MHz (CH7), 802.11g, Core 1, 1 GHz to 26 GHz, Vertical**

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|---|---|---|---|---|---|---|---|
| 2389.109 | 35.67 | 54.00 | -18.33 | RMS | 123 | 112 | Horizontal |
| 2389.624 | 35.45 | 54.00 | -18.55 | RMS | 175 | 180 | Vertical |

**Table 70 - 2472 MHz (CH13), 802.11g, Core 1, 1 GHz to 26 GHz**

No other emissions found within 10 dB of the limit.

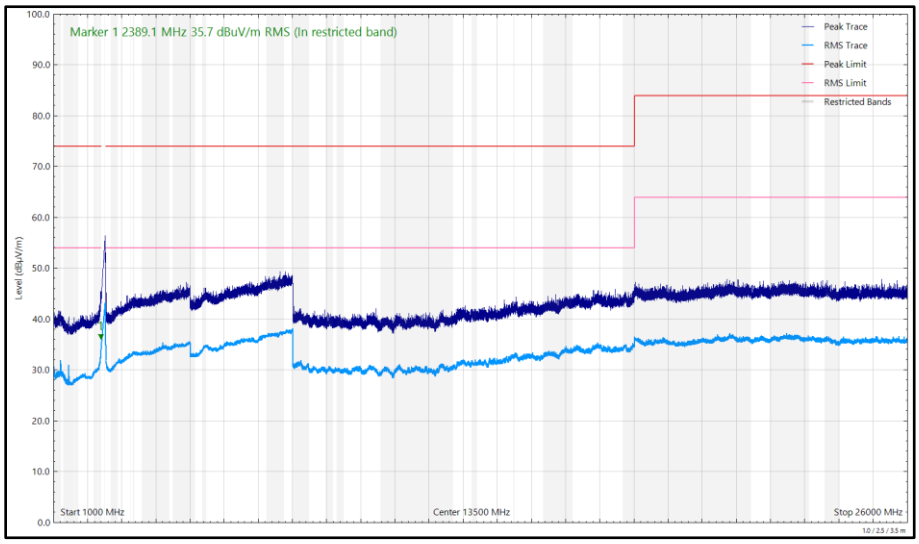


**Figure 218 - 2472 MHz (CH13), 802.11g, Core 1, 1 GHz to 26 GHz, Horizontal**

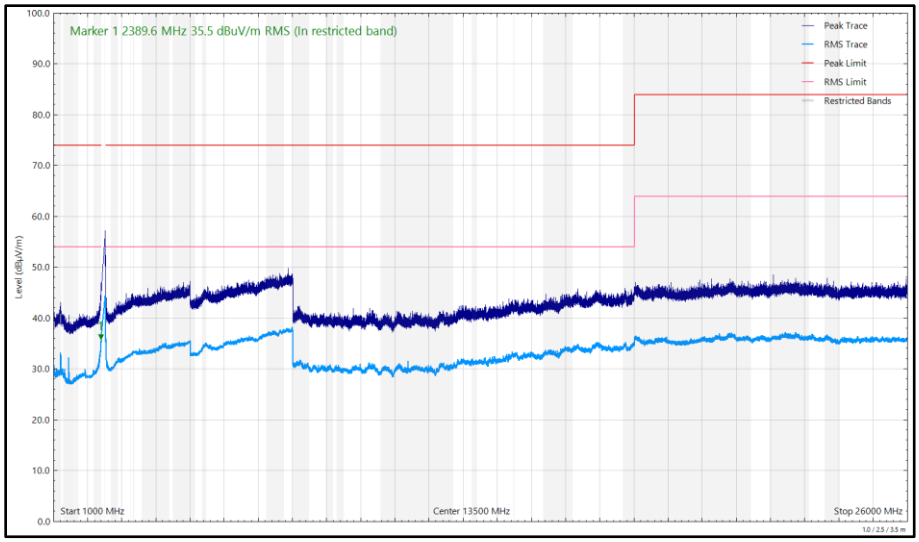


**Figure 219 - 2472 MHz (CH13), 802.11g, Core 1, 1 GHz to 26 GHz, Vertical**

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|---|---|---|---|---|---|---|---|
| 2354.854 | 36.62 | 54.00 | -17.38 | RMS | 178 | 189 | Vertical |
| 2354.981 | 36.66 | 54.00 | -17.34 | RMS | 75 | 232 | Horizontal |

**Table 71 - 2412 MHz (CH1), HT20, CDD, Core 0 + Core 1, 1 GHz to 26 GHz**

No other emissions found within 10 dB of the limit.

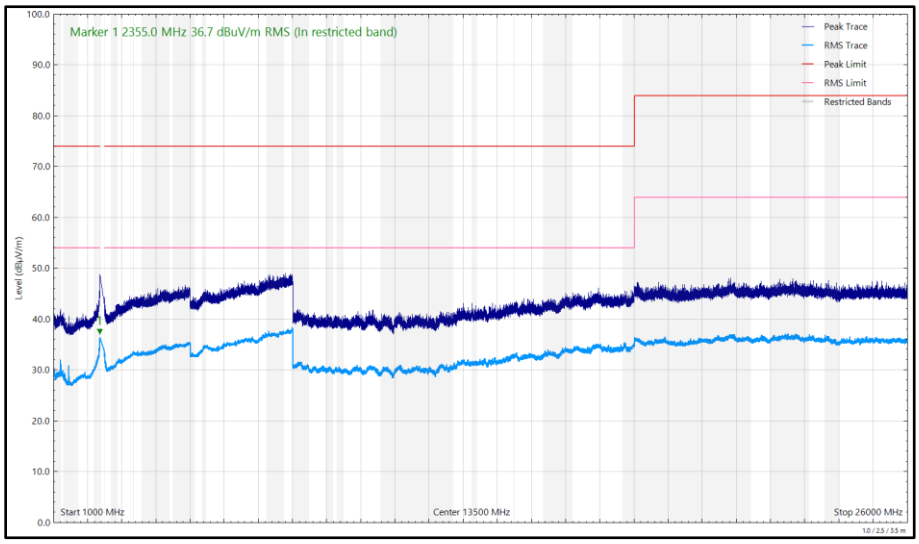


**Figure 220 - 2412 MHz (CH1), HT20, CDD, Core 0 + Core 1, 1 GHz to 26 GHz, Horizontal**

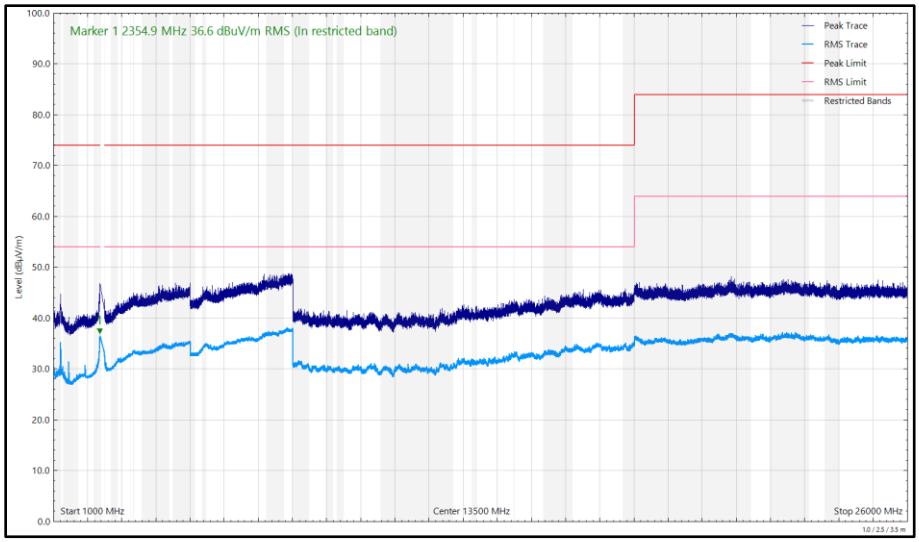


**Figure 221 - 2412 MHz (CH1), HT20, CDD, Core 0 + Core 1, 1 GHz to 26 GHz, Vertical**