

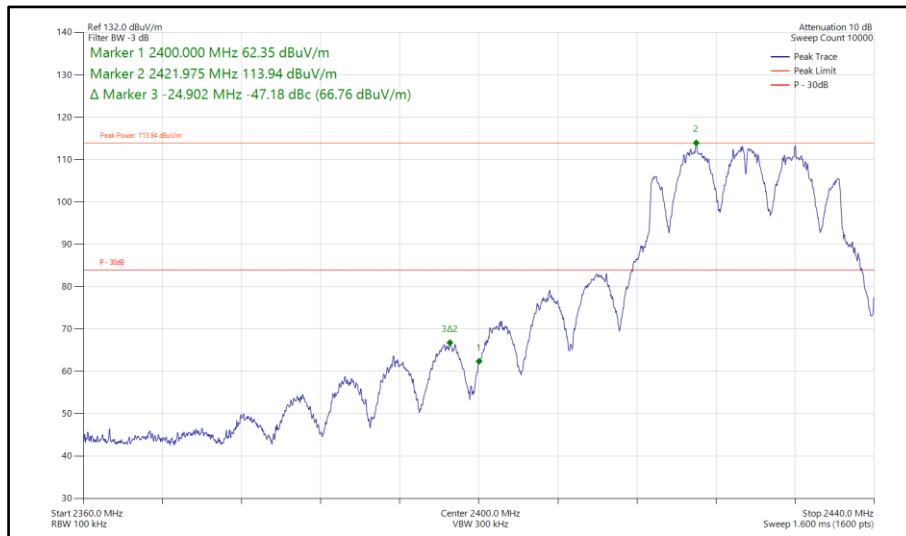


**Figure 349 - 802.11ax HE20, SU, CDD, Core 0-1 - 2427 MHz  
Band Edge Frequency 2400 MHz**

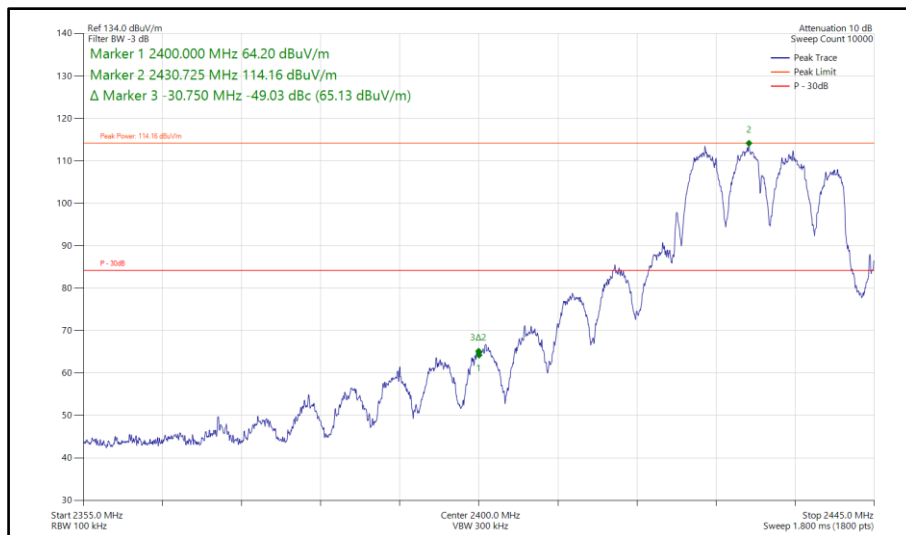


**Figure 350 - 802.11ax HE20, SU, CDD, Core 0-1 - 2432 MHz  
Band Edge Frequency 2400 MHz**

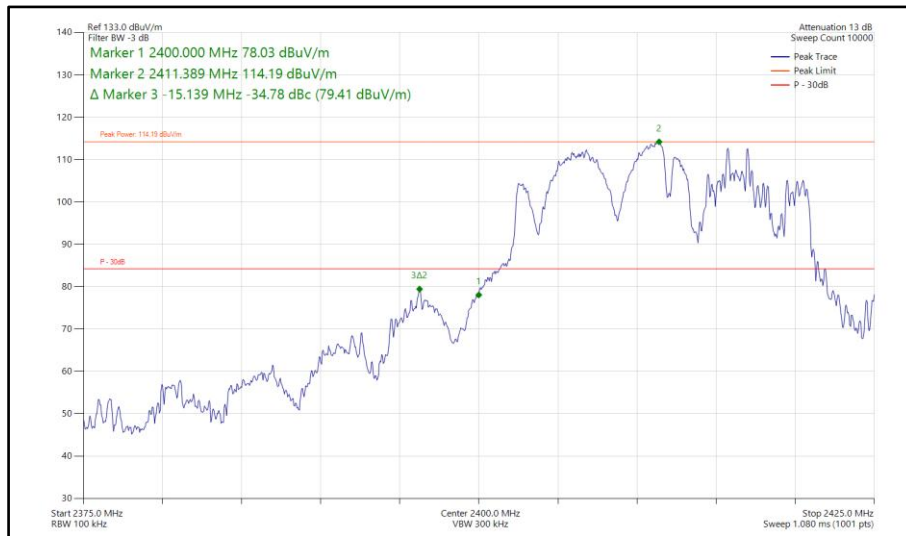


**Figure 351 - 802.11be EHT20, RU106+26-82, CDD, Core 0-1 - 2412 MHz  
Band Edge Frequency 2400 MHz**

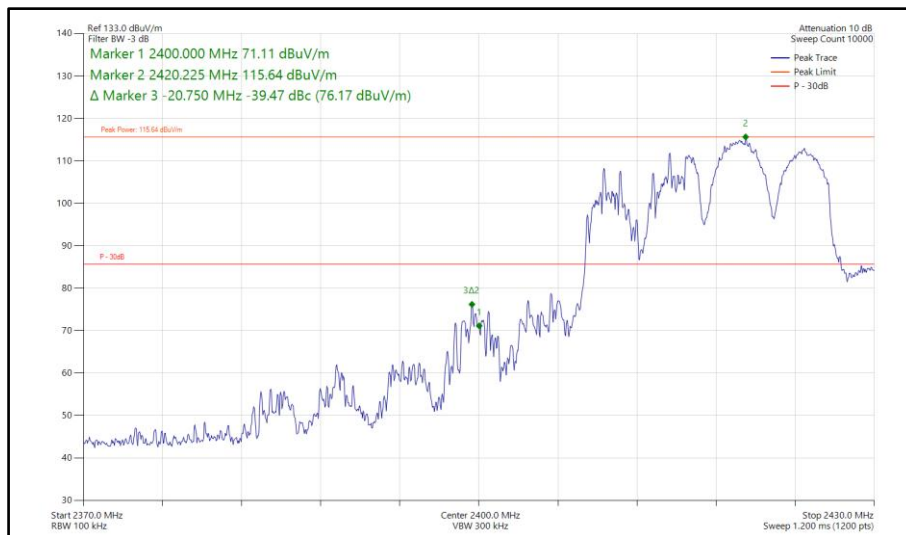


**Figure 352 - 802.11be EHT20, RU106+26-83, CDD, Core 0-1 - 2417 MHz  
Band Edge Frequency 2400 MHz**

20 MHz Bandwidth - Core 0-1 (SDM)

| 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 4             | -                | -                 | 2412                  | 2400                            | -34.92      |
| 802.11n HT20   | MCS 7             | -                | -                 | 2417                  | 2400                            | -35.28      |
| 802.11n HT20   | MCS 7             | -                | -                 | 2422                  | 2400                            | -42.73      |
| 802.11n HT20   | MCS 4             | -                | -                 | 2427                  | 2400                            | -47.27      |
| 802.11n HT20   | MCS 2             | -                | -                 | 2432                  | 2400                            | -49.19      |
| 802.11ax HE20  | MCS 2x2           | SU               | -                 | 2412                  | 2400                            | -34.54      |
| 802.11ax HE20  | MCS 9x2           | 106              | 53                | 2412                  | 2400                            | -36.11      |
| 802.11ax HE20  | MCS 4x2           | SU               | -                 | 2417                  | 2400                            | -36.09      |
| 802.11ax HE20  | MCS 9x2           | 106              | 53                | 2417                  | 2400                            | -43.19      |
| 802.11ax HE20  | MCS 4x2           | SU               | -                 | 2422                  | 2400                            | -41.61      |
| 802.11ax HE20  | MCS 2x2           | SU               | -                 | 2427                  | 2400                            | -46.58      |
| 802.11ax HE20  | MCS 9x2           | SU               | -                 | 2432                  | 2400                            | -50.68      |
| 802.11be EHT20 | MCS 9x2           | 106+26           | 82                | 2412                  | 2400                            | -34.95      |
| 802.11be EHT20 | MCS 9x2           | 106+26           | 82                | 2417                  | 2400                            | -39.61      |

Table 130 - SDM Authorised Band Edge Results

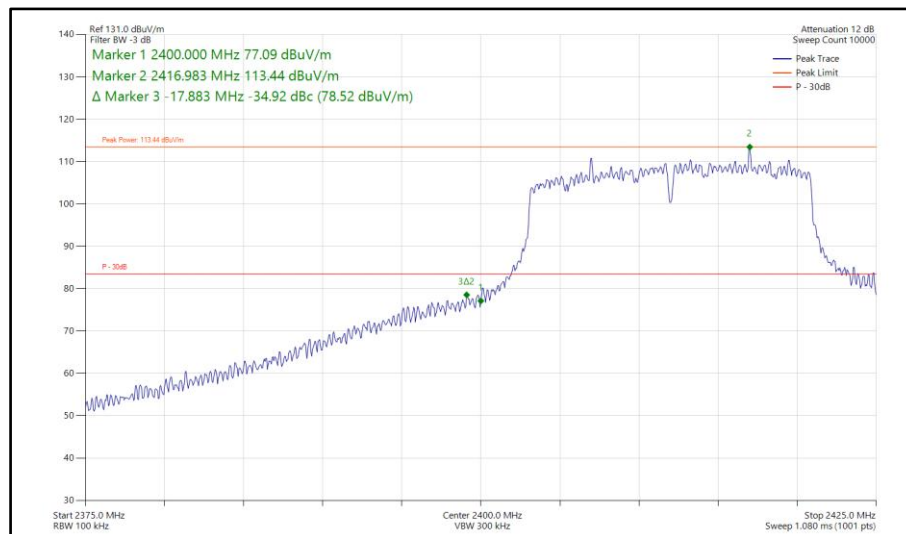


Figure 353 - 802.11n HT20, SDM, Core 0-1 - 2412 MHz  
Band Edge Frequency 2400 MHz

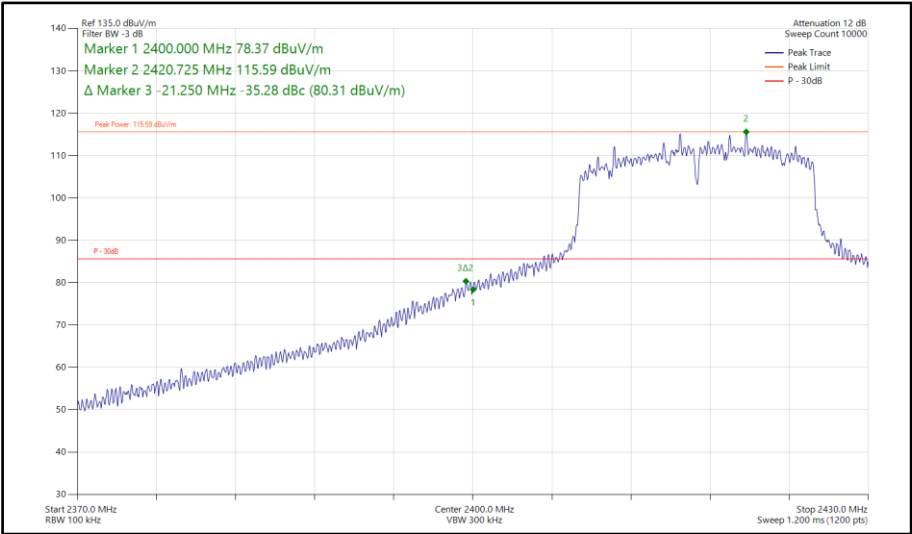


Figure 354 - 802.11n HT20, SDM, Core 0-1 - 2417 MHz  
Band Edge Frequency 2400 MHz

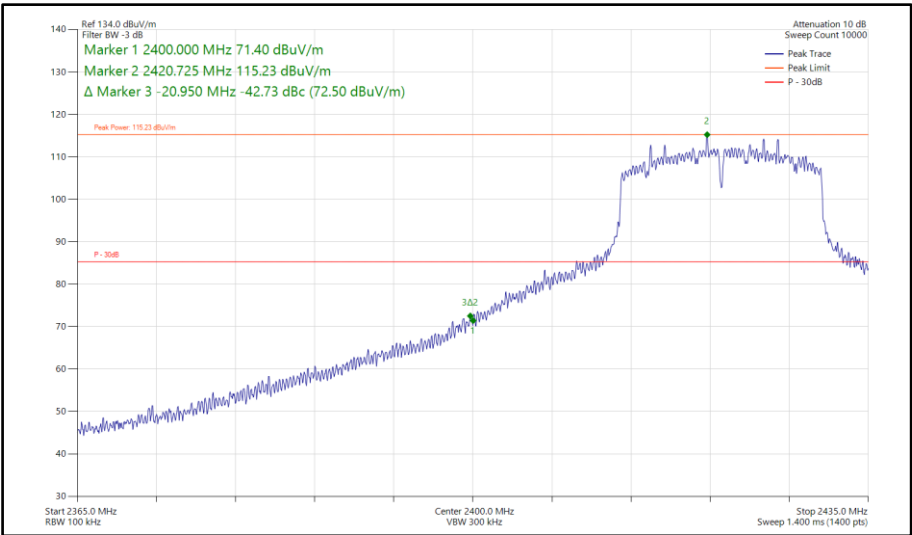


Figure 355 - 802.11n HT20, SDM, Core 0-1 - 2422 MHz  
Band Edge Frequency 2400 MHz

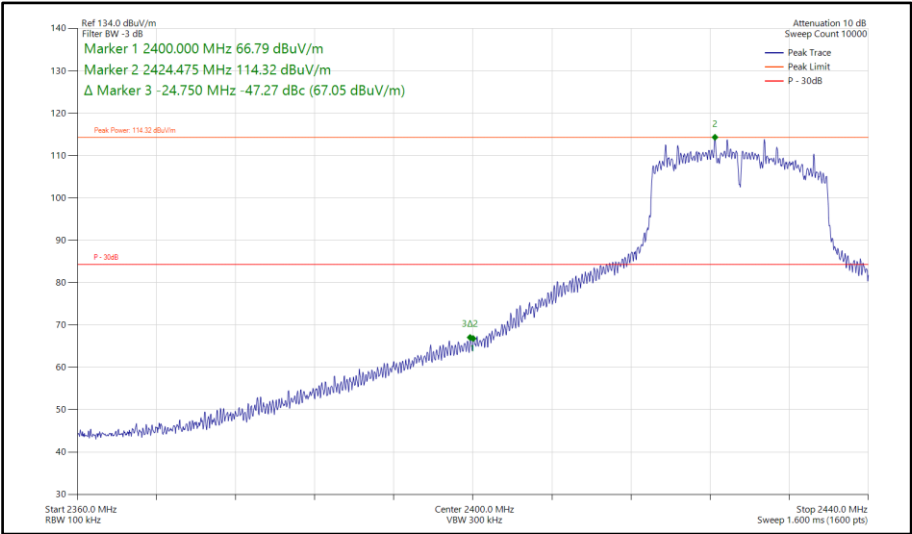


Figure 356 - 802.11n HT20, SDM, Core 0-1 - 2427 MHz  
Band Edge Frequency 2400 MHz

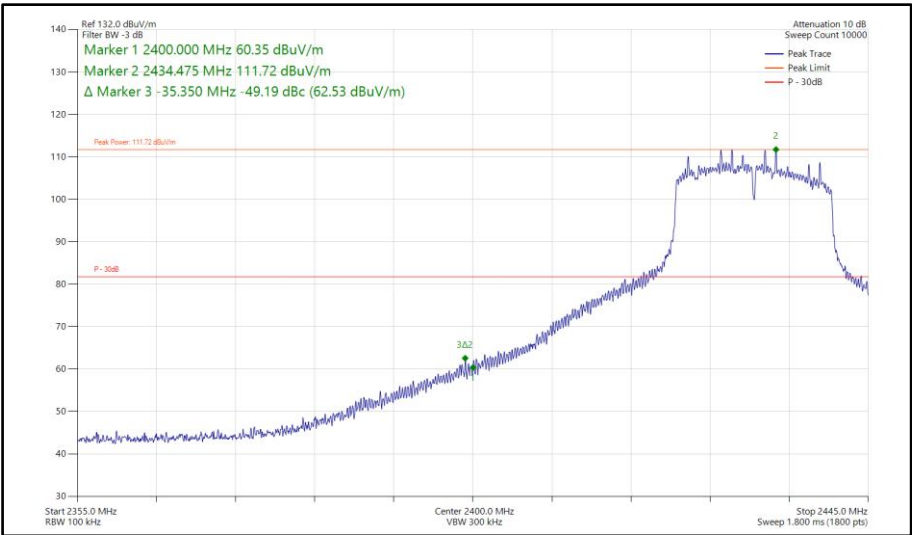


Figure 357 - 802.11n HT20, SDM, Core 0-1 - 2432 MHz  
Band Edge Frequency 2400 MHz

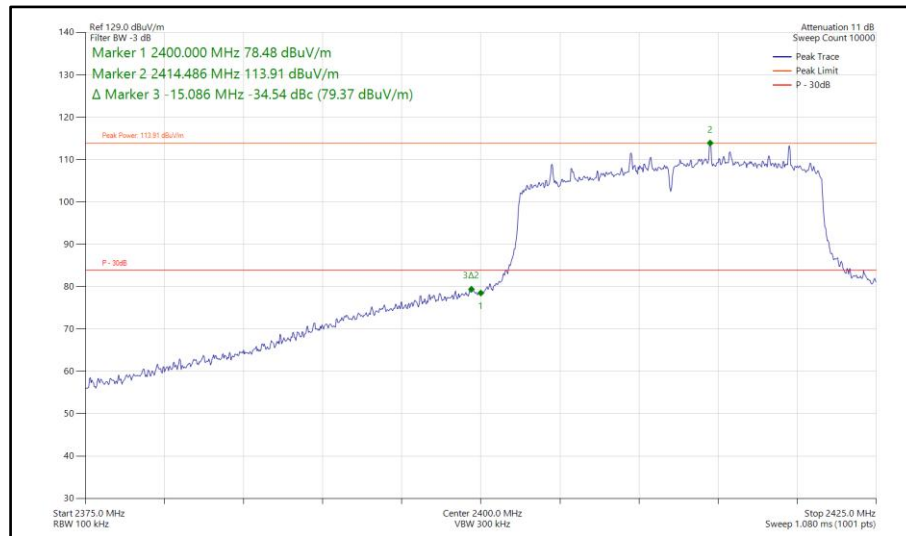


**Figure 358 - 802.11ax HE20, SU, SDM, Core 0-1 - 2412 MHz  
Band Edge Frequency 2400 MHz**

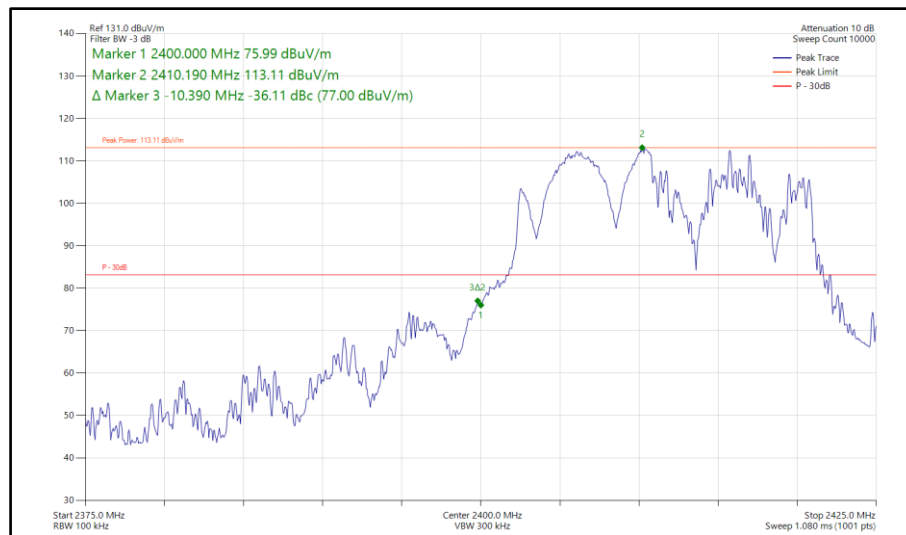


**Figure 359 - 802.11ax HE20, RU106-53, SDM, Core 0-1 - 2412 MHz  
Band Edge Frequency 2400 MHz**

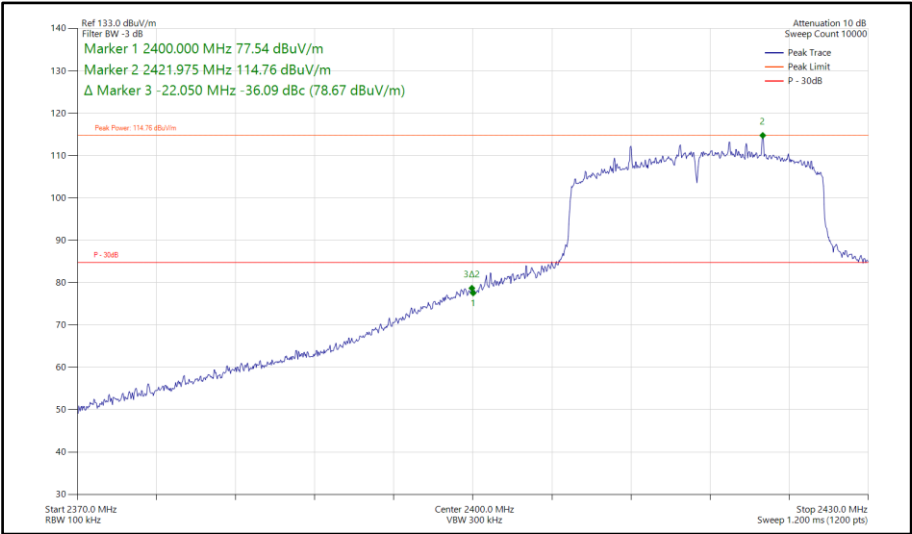


Figure 360 - 802.11ax HE20, SU, SDM, Core 0-1 - 2417 MHz  
Band Edge Frequency 2400 MHz

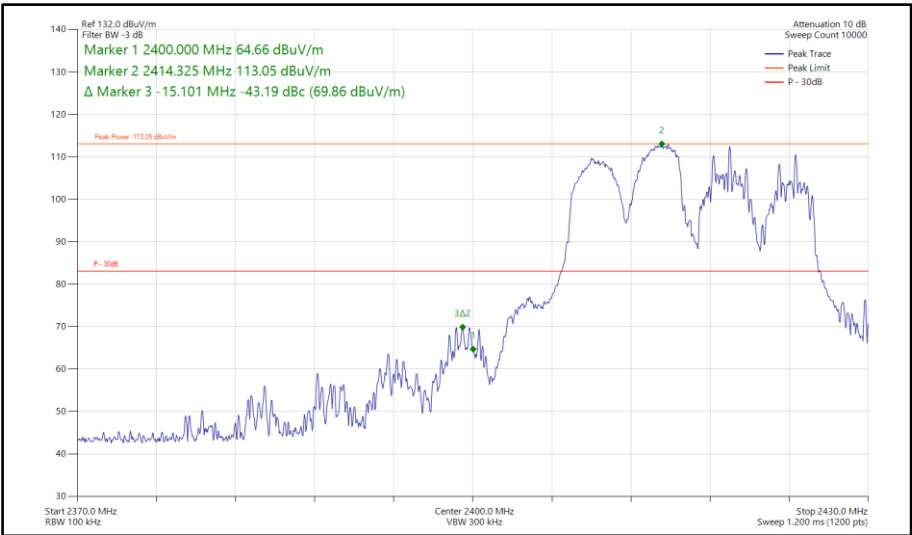


Figure 361 - 802.11ax HE20, RU106-53, SDM, Core 0-1 - 2417 MHz  
Band Edge Frequency 2400 MHz

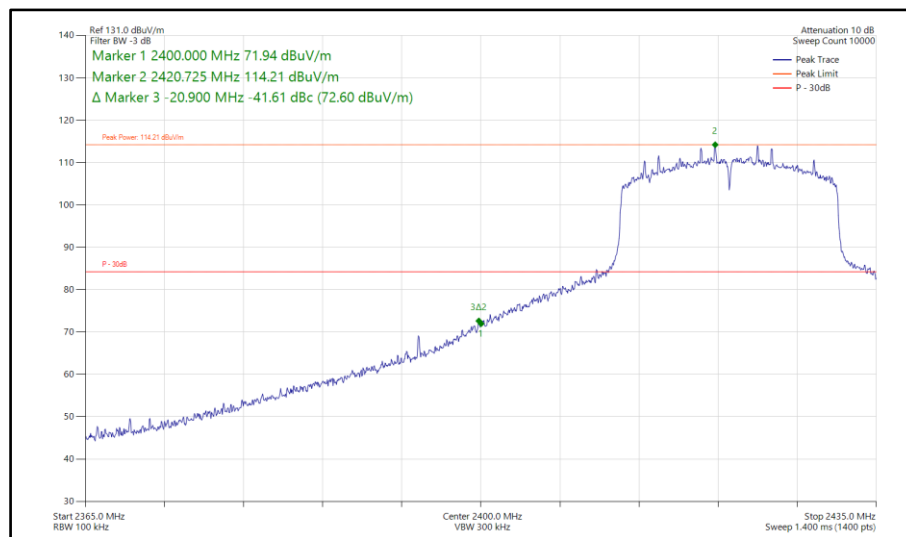


**Figure 362 - 802.11ax HE20, SU, SDM, Core 0-1 - 2422 MHz  
Band Edge Frequency 2400 MHz**

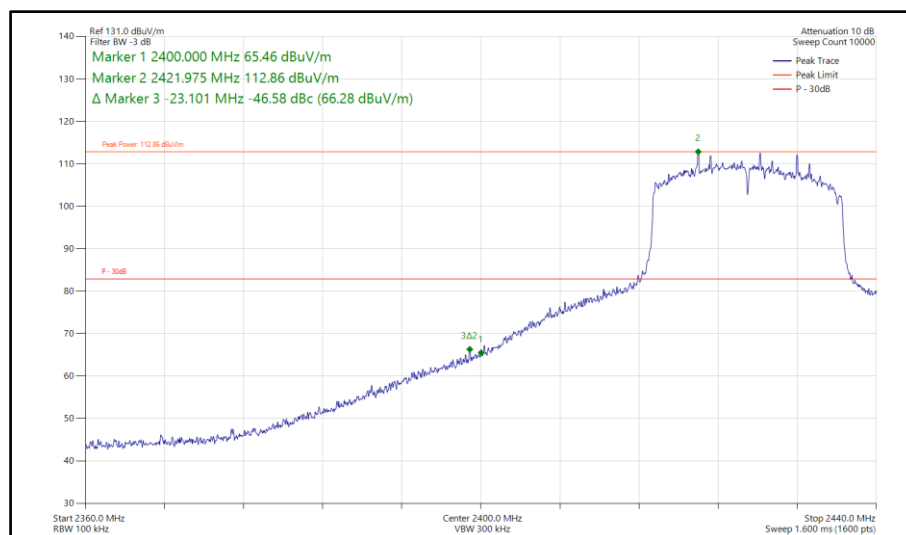


**Figure 363 - 802.11ax HE20, SU, SDM, Core 0-1 - 2427 MHz  
Band Edge Frequency 2400 MHz**

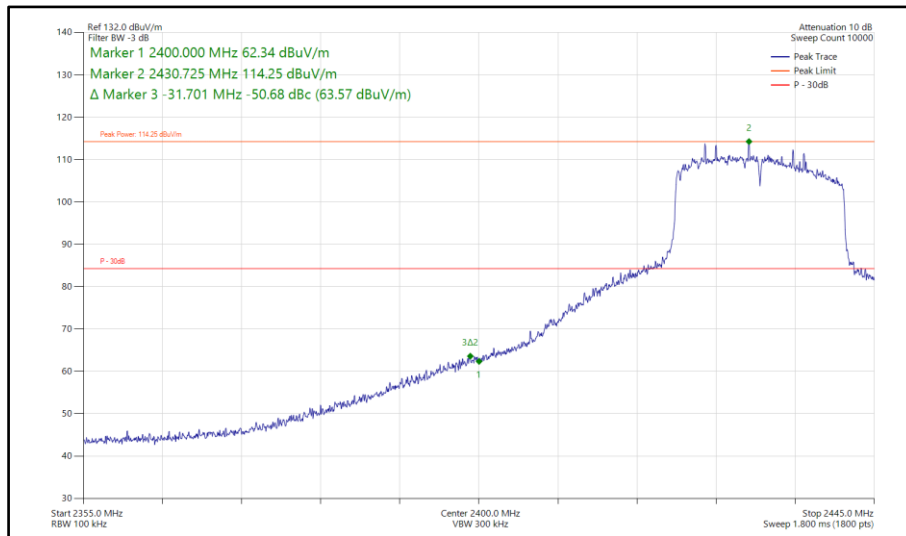


**Figure 364 - 802.11ax HE20, SU, SDM, Core 0-1 - 2432 MHz  
Band Edge Frequency 2400 MHz**

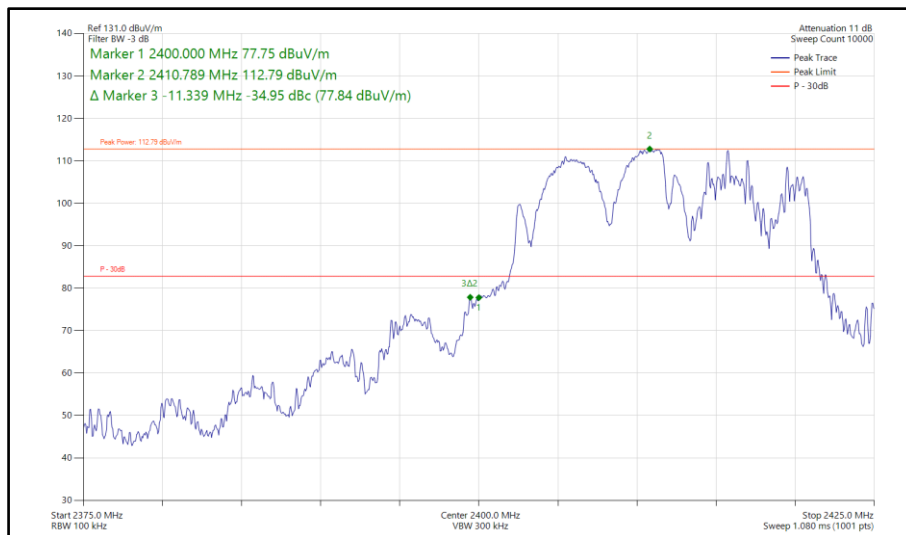


**Figure 365 - 802.11be EHT20, RU106+26-82, SDM, Core 0-1 - 2412 MHz  
Band Edge Frequency 2400 MHz**

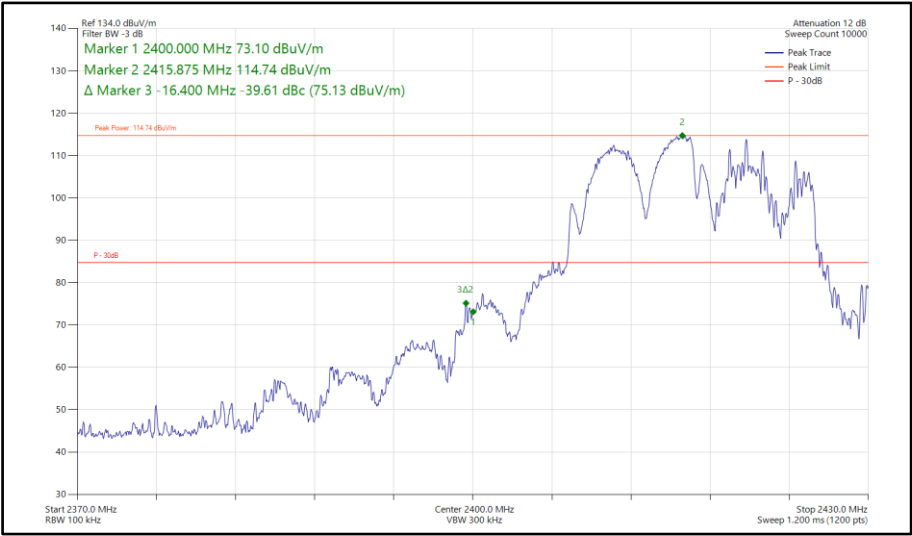


Figure 366 - 802.11be EHT20, RU106+26-82, SDM, Core 0-1 - 2417 MHz  
Band Edge Frequency 2400 MHz

**20 MHz Bandwidth - Core 0-1 (TxBF)**

| Mode           | Data Rate/<br>MCS | Resource<br>Size | Resource<br>Index | TX Frequency<br>(MHz) | Band Edge<br>Frequency<br>(MHz) | Level (dBc) |
|----------------|-------------------|------------------|-------------------|-----------------------|---------------------------------|-------------|
| 802.11ac VHT20 | MCS 2x1           | -                | -                 | 2412                  | 2400                            | -34.82      |
| 802.11ac VHT20 | MCS 8x1           | -                | -                 | 2417                  | 2400                            | -36.72      |
| 802.11ac VHT20 | MCS 8x1           | -                | -                 | 2422                  | 2400                            | -37.76      |
| 802.11ac VHT20 | MCS 2x1           | -                | -                 | 2427                  | 2400                            | -45.82      |
| 802.11ac VHT20 | MCS 8x1           | -                | -                 | 2432                  | 2400                            | -48.82      |
| 802.11ax HE20  | MCS 9x1           | SU               | -                 | 2412                  | 2400                            | -34.55      |
| 802.11ax HE20  | MCS 9x1           | SU               | -                 | 2417                  | 2400                            | -35.05      |
| 802.11ax HE20  | MCS 9x1           | SU               | -                 | 2422                  | 2400                            | -36.71      |
| 802.11ax HE20  | MCS 2x1           | SU               | -                 | 2427                  | 2400                            | -44.52      |
| 802.11ax HE20  | MCS 9x1           | SU               | -                 | 2432                  | 2400                            | -48.64      |

**Table 131 - TxBF Authorised Band Edge Results**

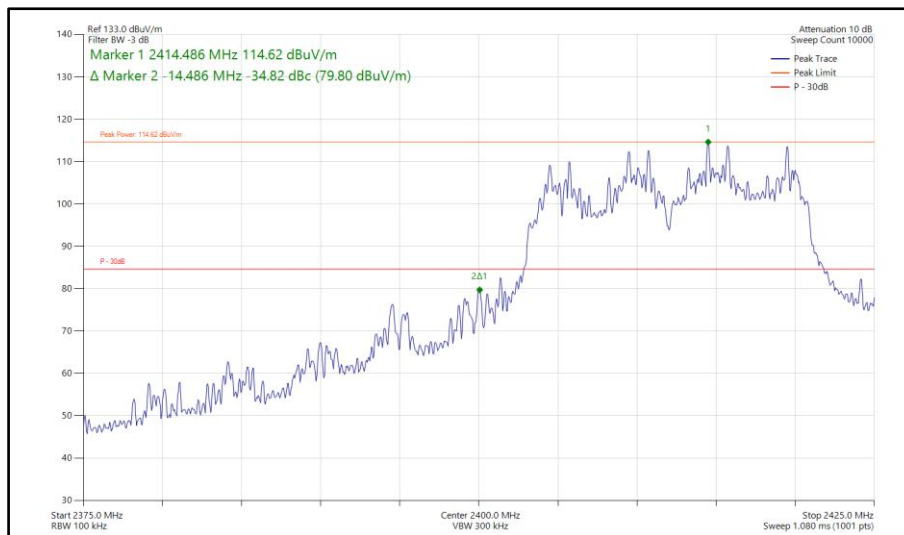


**Figure 367 - 802.11ac VHT20, TxBF, Core 0-1 - 2412 MHz  
Band Edge Frequency 2400 MHz**

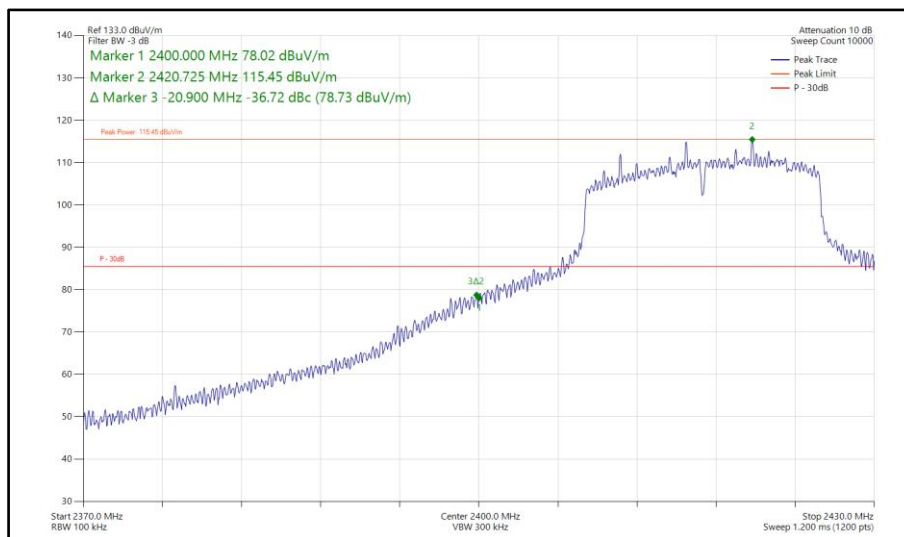


**Figure 368 - 802.11ac VHT20, TxBF, Core 0-1 - 2417 MHz  
Band Edge Frequency 2400 MHz**

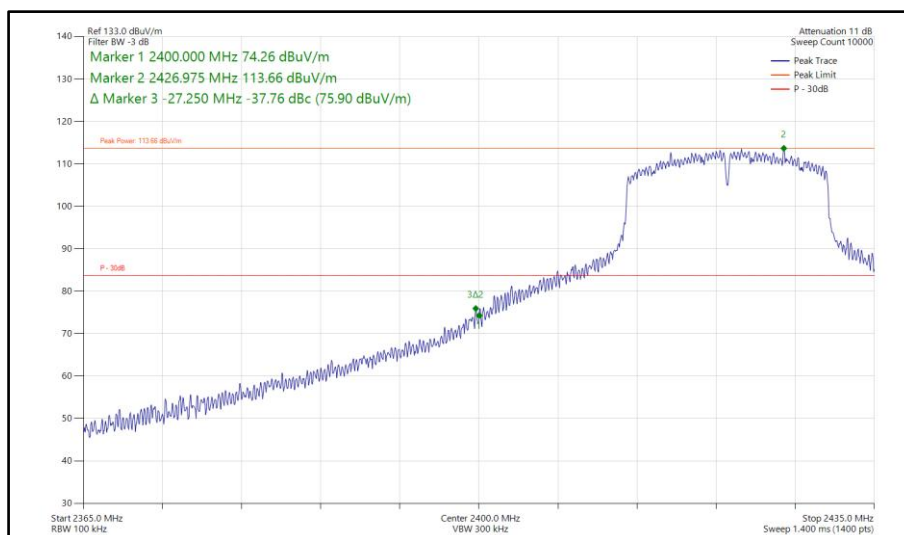


**Figure 369 - 802.11ac VHT20, TxBF, Core 0-1 - 2422 MHz  
Band Edge Frequency 2400 MHz**

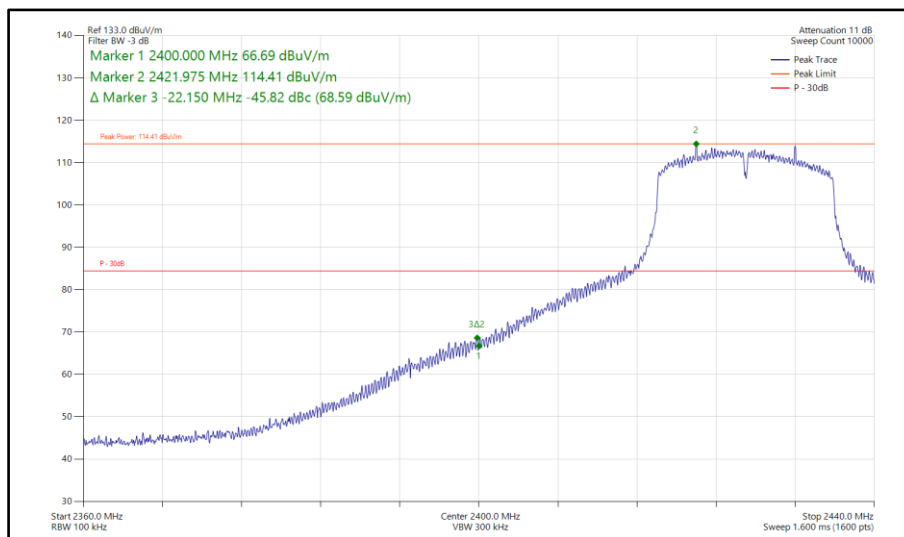


**Figure 370 - 802.11ac VHT20, TxBF, Core 0-1 - 2427 MHz  
Band Edge Frequency 2400 MHz**

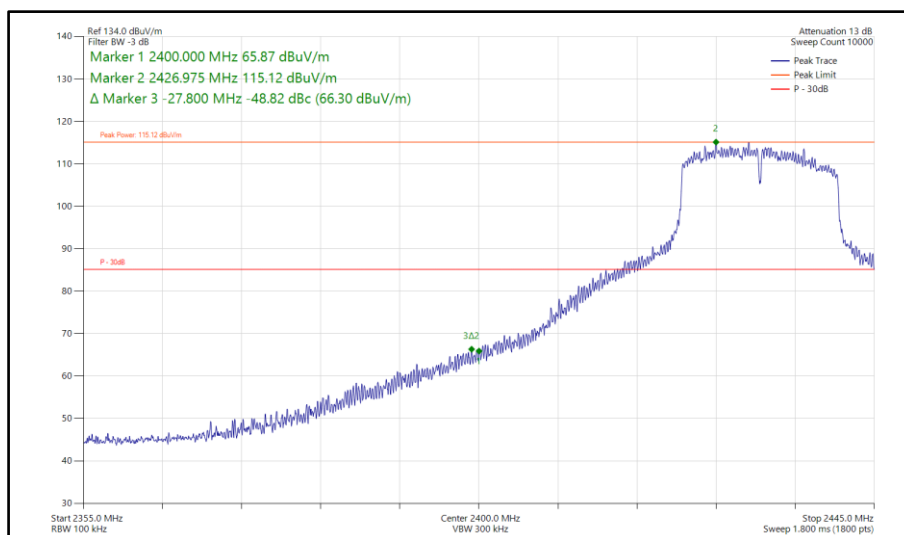


**Figure 371 - 802.11ac VHT20, TxBF, Core 0-1 - 2432 MHz  
Band Edge Frequency 2400 MHz**

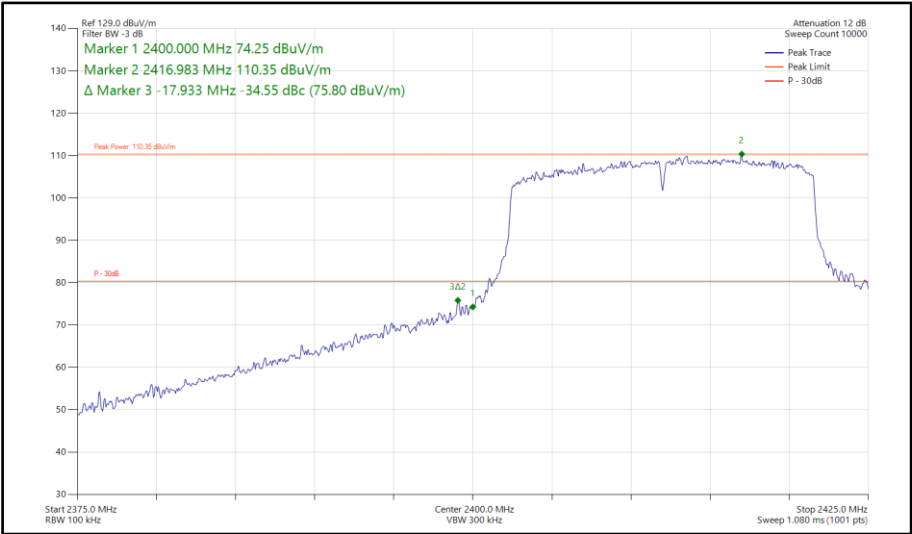


Figure 372 - 802.11ax HE20, SU, TxBF, Core 0-1 - 2412 MHz  
Band Edge Frequency 2400 MHz

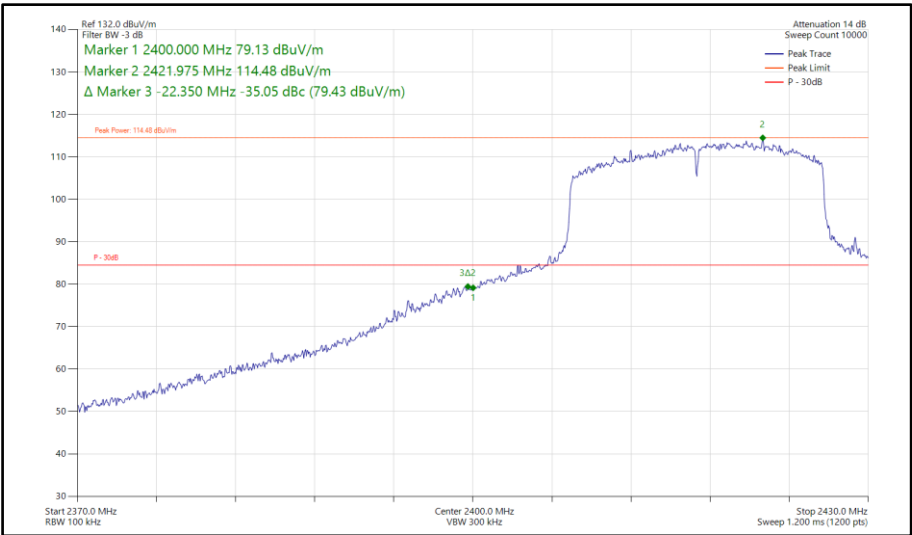


Figure 373 - 802.11ax HE20, SU, TxBF, Core 0-1 - 2417 MHz  
Band Edge Frequency 2400 MHz

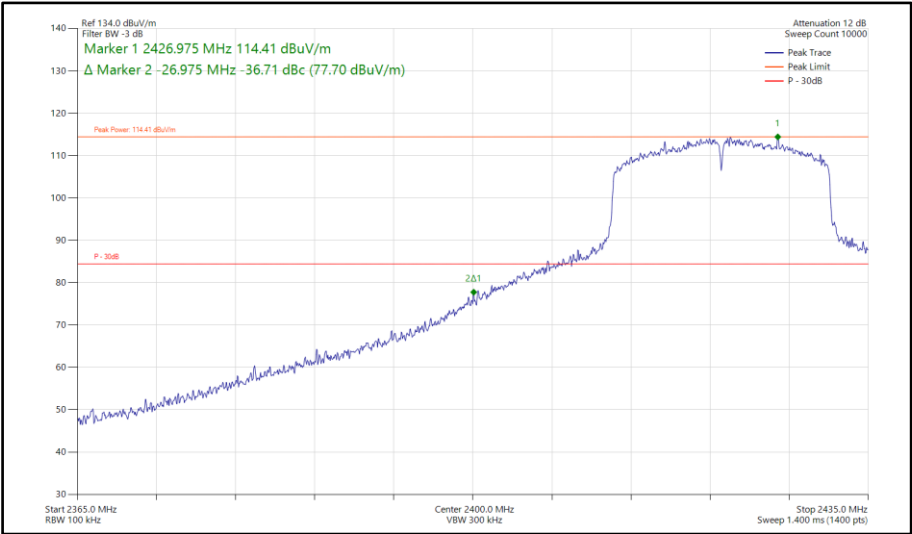


Figure 374 - 802.11ax HE20, SU, TxBF, Core 0-1 - 2422 MHz  
Band Edge Frequency 2400 MHz

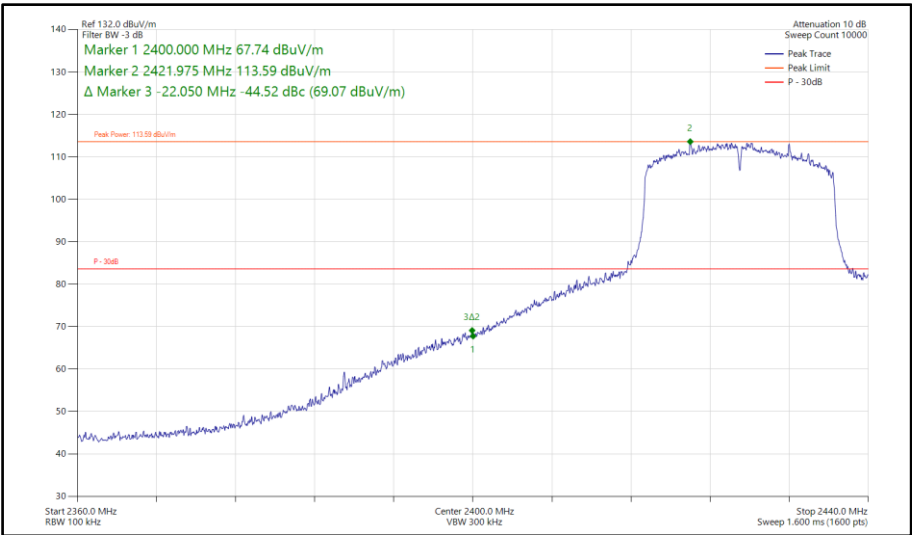


Figure 375 - 802.11ax HE20, SU, TxBF, Core 0-1 - 2427 MHz  
Band Edge Frequency 2400 MHz

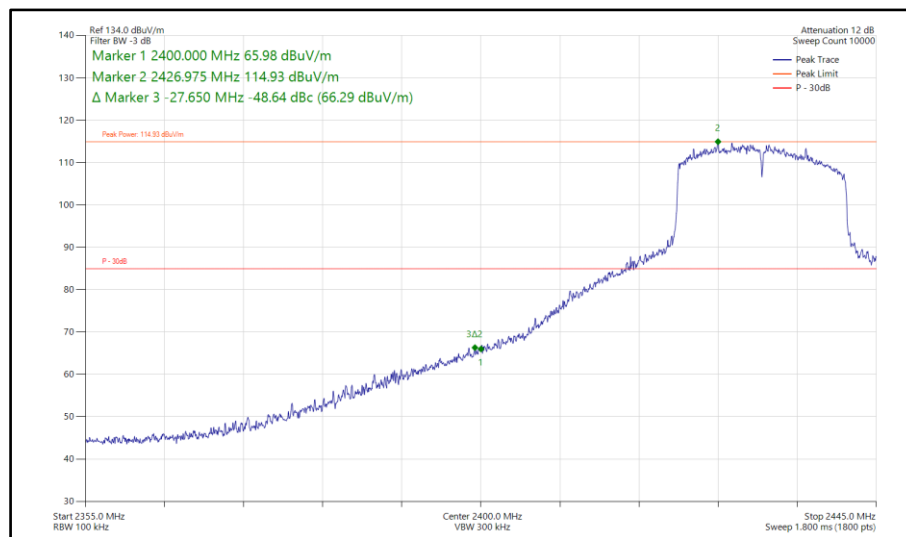


**Figure 376 - 802.11ax HE20, SU, TxBF, Core 0-1 - 2432 MHz  
Band Edge Frequency 2400 MHz**

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 6.6

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.

| Instrument                           | Manufacturer       | Type No.             | TE No. | Calibration Period (months) | Calibration Expiry Date |
|--------------------------------------|--------------------|----------------------|--------|-----------------------------|-------------------------|
| Emissions Software                   | TUV SUD            | EmX V3.6.3           | 5125   | -                           | O/P Mon                 |
| EMI Test Receiver                    | Rohde & Schwarz    | ESW44                | 5912   | 12                          | 17-Sep-2027             |
| 1500W (300V 12A) AC Power Supply     | iTech              | IT7324               | 5955   | -                           | O/P Mon                 |
| 5m Semi-Anechoic Chamber (Dual-Axis) | Albatross Projects | RF Chamber 14        | 5958   | 36                          | 23-Apr-2028             |
| Compact Antenna Mast                 | Maturo Gmbh        | CAM4.0-P             | 5959   | -                           | TU                      |
| Turntable                            | Maturo Gmbh        | TT1.5SI              | 5962   | -                           | TU                      |
| Horn Antenna (1-10.5 GHz)            | Schwarzbeck        | BBHA9120B            | 6140   | 12                          | 12-Sep-2027             |
| Digital Multimeter                   | Fluke              | 115                  | 6147   | 12                          | 03-Jun-2027             |
| SAC Switch Unit                      | TUV SUD            | TUV_SSU_001          | 6190   | 12                          | 11-Dec-2026             |
| Mast & Turntable Controller          | Maturo Gmbh        | FCU3.0               | 6795   | -                           | TU                      |
| Tilt Antenna Mast                    | Maturo Gmbh        | BAM4.5-P             | 6796   | -                           | TU                      |
| Handheld Hygrometer                  | Fluke              | 971                  | 6838   | 12                          | 16-Sep-2026             |
| 1m SMA-Type Cable                    | Junkosha           | MWX221-01000AMSAMS/B | 6842   | 12                          | 23-Sep-2026             |
| 1m SMA-Type Cable                    | Junkosha           | MWX221-01000AMSAMS/B | 6843   | 12                          | 14-Sep-2027             |
| 8m SMA-Type Cable                    | Junkosha           | MWX221-08000AMSAMS/B | 6848   | 12                          | 23-Oct-2026             |

**Table 132**

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 2.4 and 6.6  
ISED RSS-GEN, Clause 6.13 and 8.9

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

A3375, S/N: DFJYL46DKC - Modification State 0  
A3375, S/N: D57W4X0N2R - Modification State 0  
A3375, S/N: CWPWW7KJWC - Modification State 0

### **2.5.3 Date of Test**

19-August-2026 to 30-August-2026

### **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 C63.4 clause 6.2.4.

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

The plots shown are the characterisation of the EUT. The limits on the plots represent the most stringent case for restricted bands, (74/54 dB $\mu$ V/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 dB $\mu$ V/m to  $\mu$ V/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.

A reduced frequency range for testing was employed on some of the test modes within this test section, based on the manufacturers RSE test plan. With and reduction based on their pre-assessment of the device, to determine the ranges and test channels that were most likely to produce emissions.

### 2.5.5 Example Test Setup Diagram

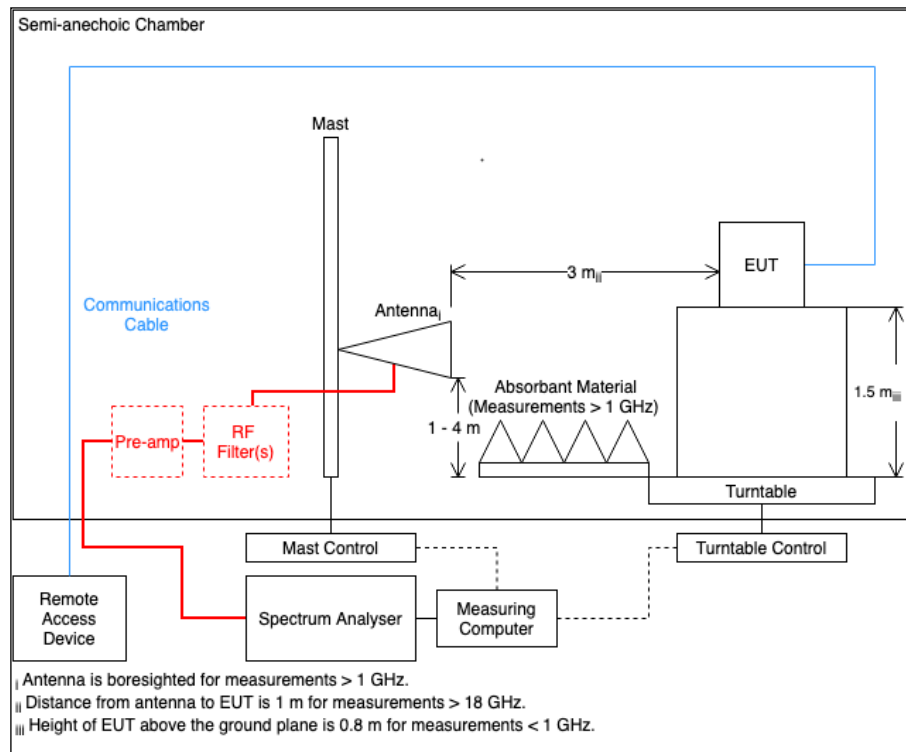


Figure 377

### 2.5.6 Environmental Conditions

|                     |                |
|---------------------|----------------|
| Ambient Temperature | 20.1 - 23.6 °C |
| Relative Humidity   | 37.1 - 47.1 %  |

## 2.5.7 Test Results

### 2.4 GHz WLAN

| Frequency (MHz) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------|----------------|-------------|----------|-----------|-------------|--------------|
| 30.733          | 20.98          | 40.00          | -19.02      | Q-Peak   | 108       | 260         | Vertical     |
| 37.754          | 20.08          | 40.00          | -19.92      | Q-Peak   | 321       | 339         | Horizontal   |
| 37.952          | 20.08          | 40.00          | -19.92      | Q-Peak   | 12        | 292         | Vertical     |
| 114.519         | 19.52          | 43.50          | -23.98      | Q-Peak   | 350       | 248         | Horizontal   |
| 166.953         | 22.19          | 43.50          | -21.31      | Q-Peak   | 225       | 314         | Vertical     |
| 2389.317        | 38.98          | 54.00          | -15.02      | RMS      | 2         | 354         | Vertical     |
| 2389.365        | 36.36          | 54.00          | -17.64      | RMS      | 55        | 446         | Horizontal   |
| 2484.713        | 34.61          | 54.00          | -19.39      | RMS      | 62        | 450         | Horizontal   |
| 2485.299        | 39.51          | 54.00          | -14.49      | RMS      | 7         | 313         | Vertical     |
| 4873.936        | 38.11          | 54.00          | -15.89      | RMS      | 321       | 305         | Horizontal   |
| 4874.000        | 46.42          | 54.00          | -7.58       | RMS      | 326       | 302         | Vertical     |
| 7309.884        | 44.60          | 54.00          | -9.40       | RMS      | 79        | 380         | Horizontal   |
| 7310.043        | 44.54          | 54.00          | -9.46       | RMS      | 56        | 271         | Vertical     |

**Table 133 - 2437 MHz (CH6), 802.11b, Core 0, 30 MHz to 26 GHz**

No other emissions found within 20 dB of the limit.

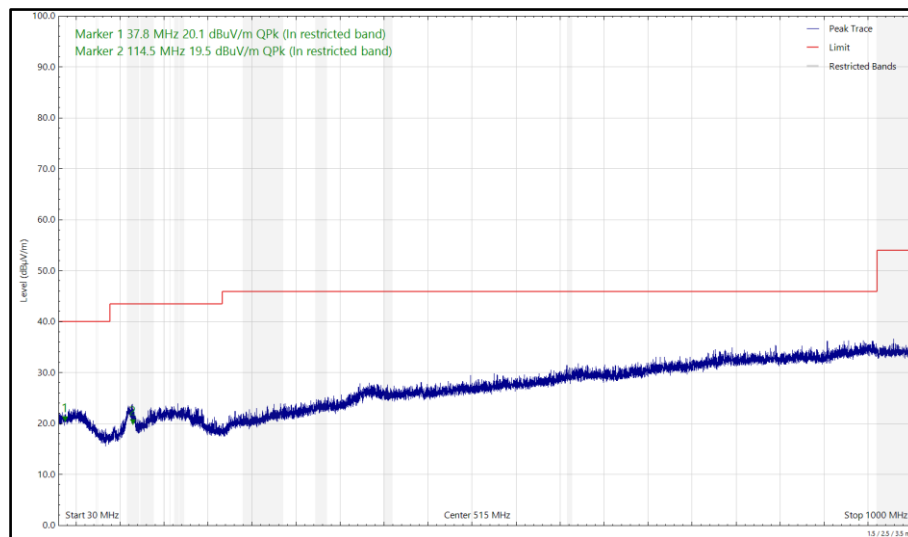


**Figure 378 - 2437 MHz (CH6), 802.11b, Core 0, 30 MHz to 1 GHz, Horizontal (Peak)**

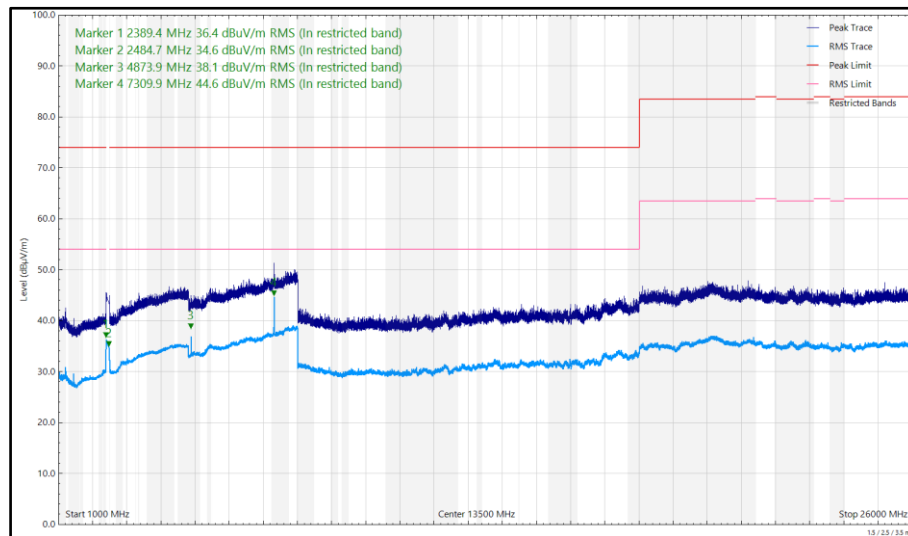


Figure 379 - 2437 MHz (CH6), 802.11b, Core 0, 1 GHz to 26 GHz, Horizontal

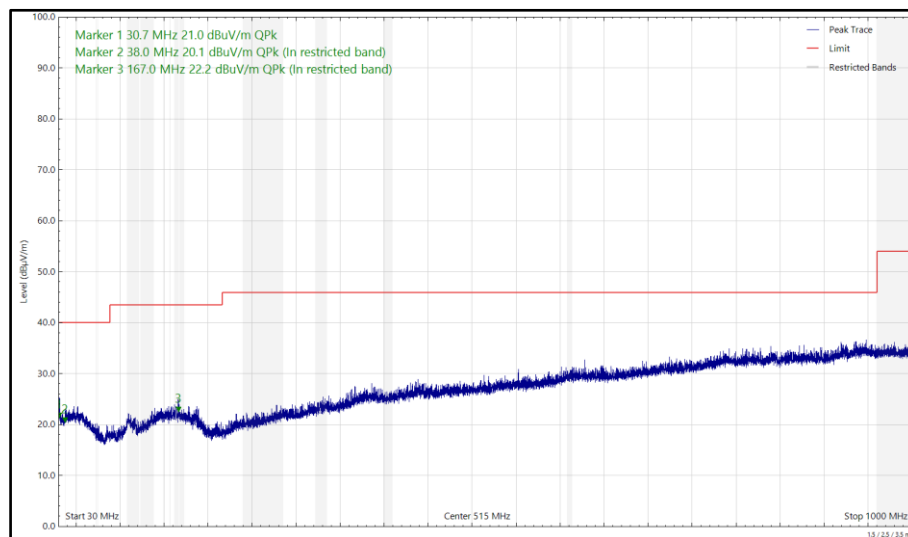


Figure 380 - 2437 MHz (CH6), 802.11b, Core 0, 30 MHz to 1 GHz, Vertical (Peak)

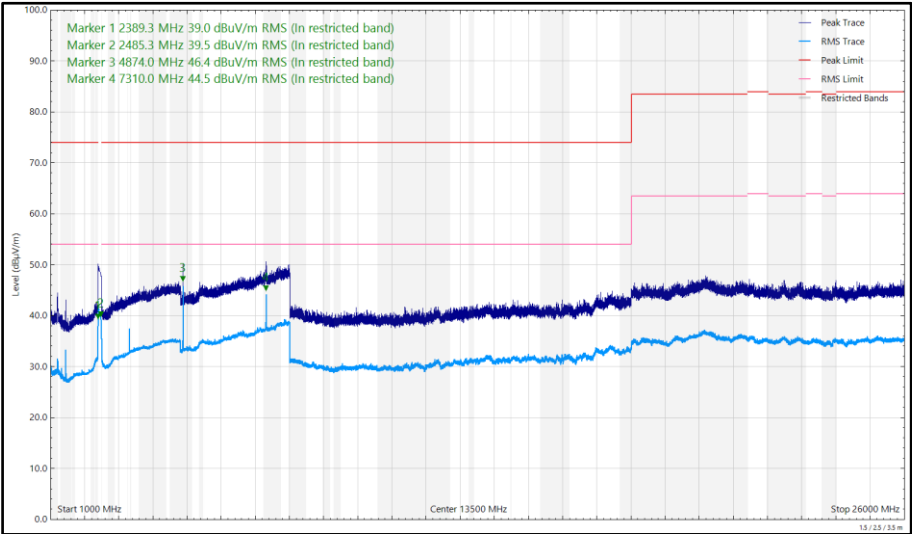


Figure 381 - 2437 MHz (CH6), 802.11b, Core 0, 1 GHz to 26 GHz, Vertical

| Frequency (MHz) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------|----------------|-------------|----------|-----------|-------------|--------------|
| 38.121          | 20.07          | 40.00          | -19.93      | Q-Peak   | 181       | 333         | Horizontal   |
| 111.198         | 19.35          | 43.50          | -24.15      | Q-Peak   | 206       | 348         | Horizontal   |
| 115.446         | 18.83          | 43.50          | -24.67      | Q-Peak   | 319       | 155         | Vertical     |
| 166.938         | 22.12          | 43.50          | -21.38      | Q-Peak   | 3         | 400         | Horizontal   |
| 167.773         | 22.08          | 43.50          | -21.42      | Q-Peak   | 360       | 366         | Vertical     |
| 2389.892        | 34.60          | 54.00          | -19.40      | RMS      | 300       | 400         | Horizontal   |
| 2389.962        | 39.34          | 54.00          | -14.66      | RMS      | 360       | 251         | Vertical     |
| 2483.520        | 35.67          | 54.00          | -18.33      | RMS      | 297       | 400         | Horizontal   |
| 2485.827        | 40.43          | 54.00          | -13.57      | RMS      | 353       | 267         | Vertical     |
| 4883.980        | 37.03          | 54.00          | -16.97      | RMS      | 285       | 399         | Horizontal   |
| 4884.032        | 47.17          | 54.00          | -6.83       | RMS      | 346       | 304         | Vertical     |
| 7324.884        | 42.73          | 54.00          | -11.27      | RMS      | 290       | 359         | Horizontal   |
| 7324.975        | 43.24          | 54.00          | -10.76      | RMS      | 299       | 245         | Vertical     |

**Table 134 - 2442 MHz (CH7), 802.11b, Core 1, 30 MHz to 26 GHz**

No other emissions found within 20 dB of the limit.

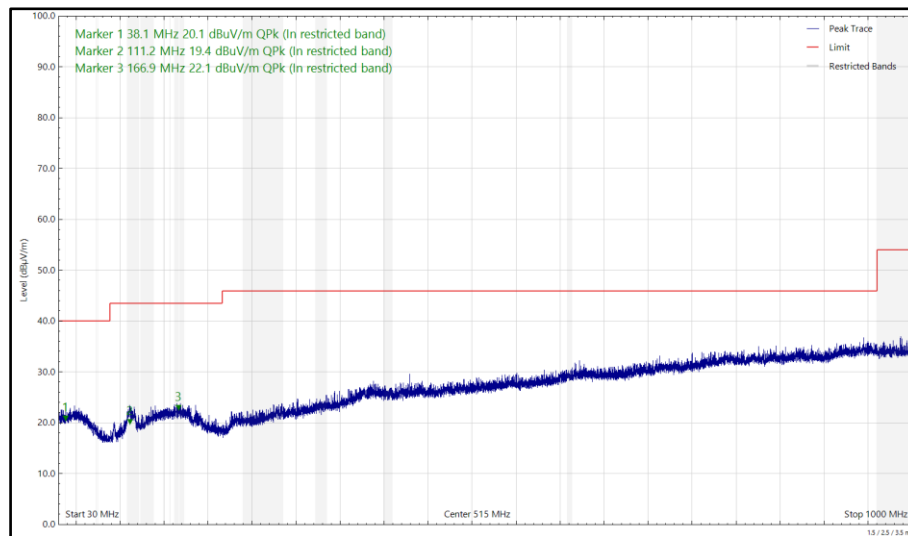


**Figure 382 - 2442 MHz (CH7), 802.11b, Core 1, 30 MHz to 1 GHz, Horizontal (Peak)**

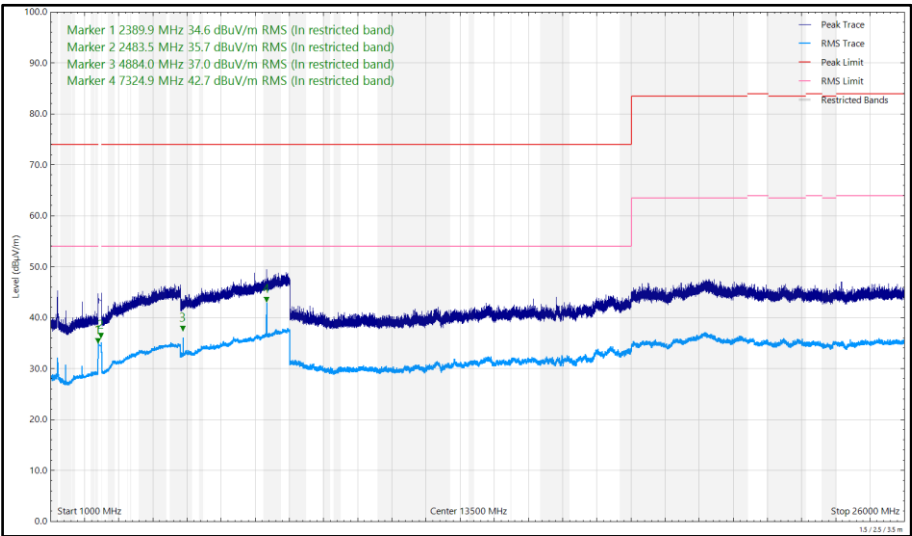


Figure 383 - 2442 MHz (CH7), 802.11b, Core 1, 1 GHz to 26 GHz, Horizontal

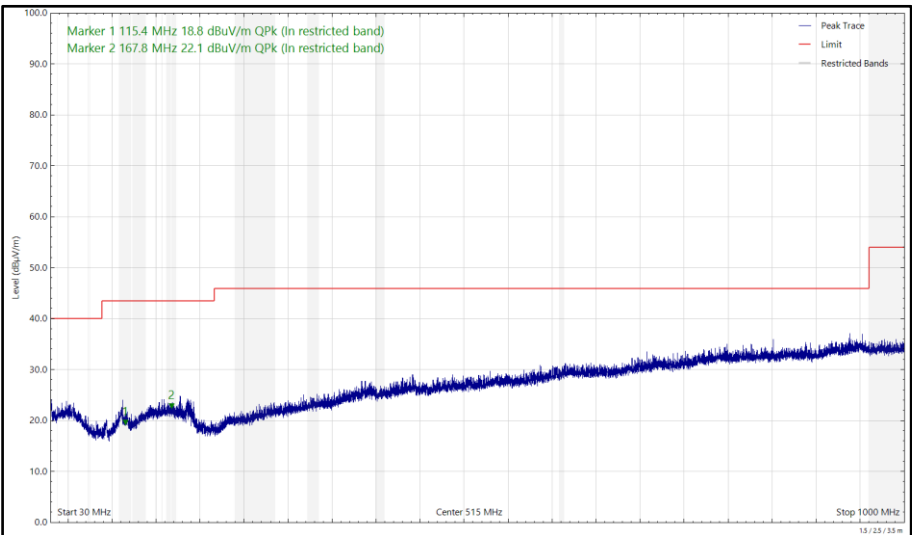


Figure 384 - 2442 MHz (CH7), 802.11b, Core 1, 30 MHz to 1 GHz, Vertical (Peak)

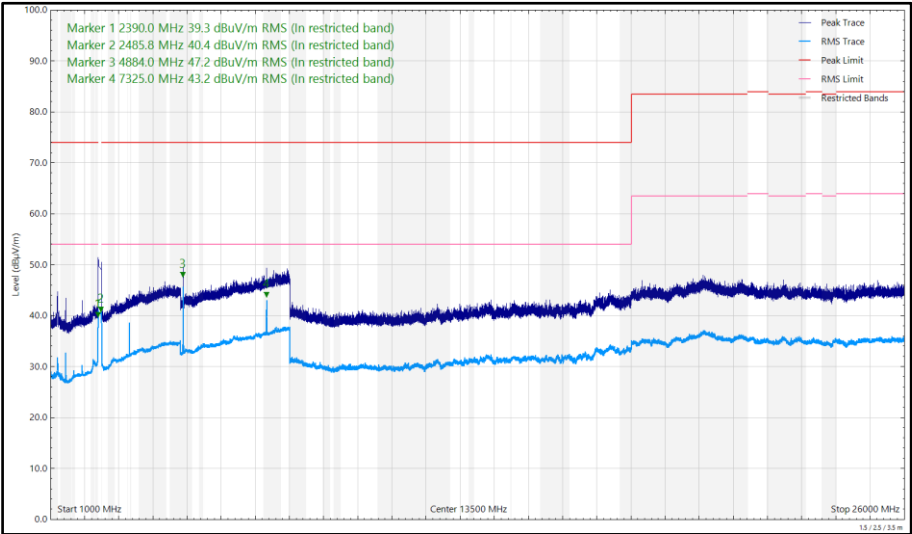


Figure 385 - 2442 MHz (CH7), 802.11b, Core 1, 1 GHz to 26 GHz, Vertical

| Frequency (MHz) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------|----------------|-------------|----------|-----------|-------------|--------------|
| 30.878          | 20.64          | 40.00          | -19.36      | Q-Peak   | 150       | 348         | Vertical     |
| 38.126          | 20.04          | 40.00          | -19.96      | Q-Peak   | 24        | 153         | Horizontal   |
| 109.083         | 18.99          | 43.50          | -24.51      | Q-Peak   | 307       | 390         | Horizontal   |
| 164.060         | 22.03          | 43.50          | -21.47      | Q-Peak   | 10        | 400         | Vertical     |
| 2389.906        | 41.02          | 54.00          | -12.98      | RMS      | 12        | 278         | Vertical     |
| 2389.936        | 38.21          | 54.00          | -15.79      | RMS      | 56        | 390         | Horizontal   |
| 2399.622        | 61.95          | 74.00          | -12.05      | Peak     | 63        | 384         | Horizontal   |
| 2399.976        | 65.75          | 74.00          | -8.25       | Peak     | 10        | 398         | Vertical     |
| 2483.577        | 37.54          | 54.00          | -16.46      | RMS      | 62        | 392         | Horizontal   |
| 2484.056        | 40.89          | 54.00          | -13.11      | RMS      | 354       | 400         | Vertical     |
| 2484.604        | 54.52          | 74.00          | -19.48      | Peak     | 354       | 400         | Vertical     |
| 2486.829        | 51.13          | 74.00          | -22.87      | Peak     | 59        | 389         | Horizontal   |
| 4873.731        | 36.61          | 54.00          | -17.39      | RMS      | 353       | 318         | Vertical     |
| 7306.610        | 41.93          | 54.00          | -12.07      | RMS      | 57        | 258         | Vertical     |
| 7307.712        | 39.86          | 54.00          | -14.14      | RMS      | 69        | 372         | Horizontal   |

**Table 135 - 2437 MHz (CH6), 802.11g, Core 0, 30 MHz to 26 GHz**

No other emissions found within 20 dB of the limit.

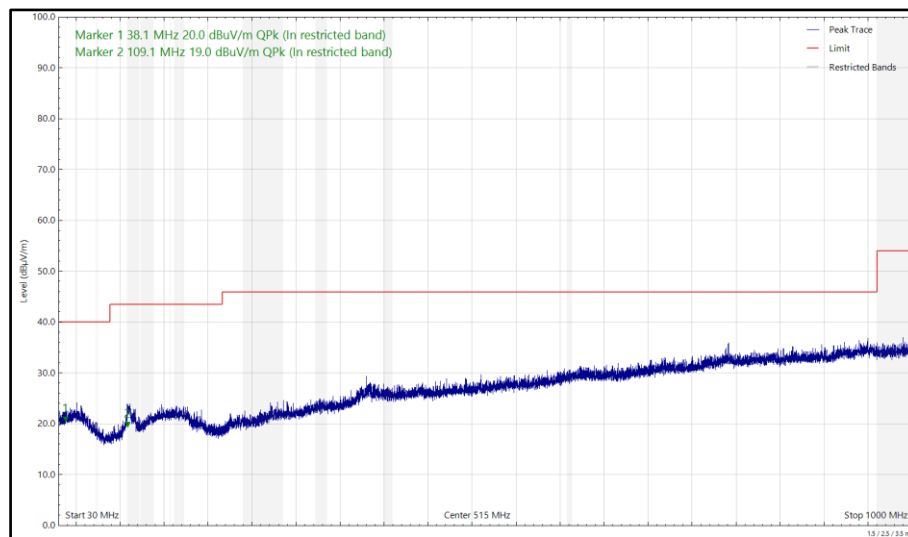


**Figure 386 - 2437 MHz (CH6), 802.11g, Core 0, 30 MHz to 1 GHz, Horizontal (Peak)**

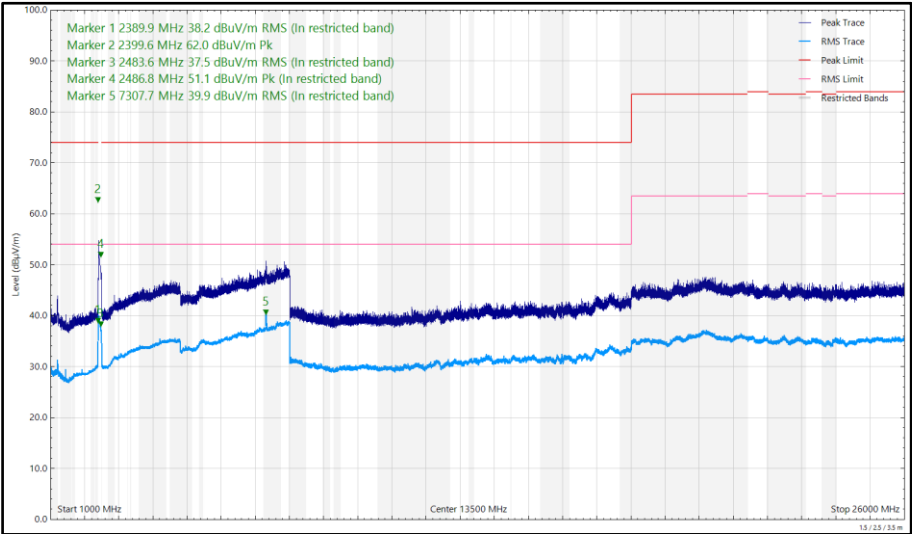


Figure 387 - 2437 MHz (CH6), 802.11g, Core 0, 1 GHz to 26 GHz, Horizontal

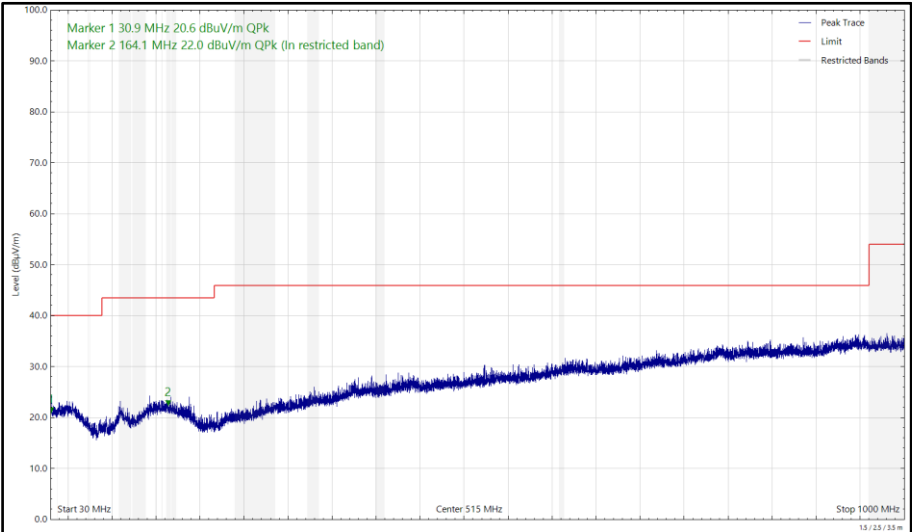


Figure 388 - 2437 MHz (CH6), 802.11g, Core 0, 30 MHz to 1 GHz, Vertical (Peak)

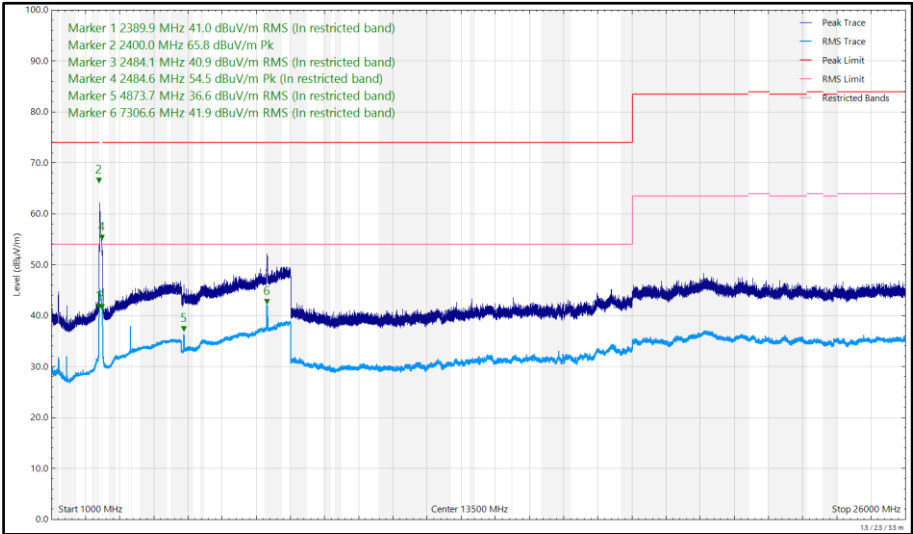


Figure 389 - 2437 MHz (CH6), 802.11g, Core 0, 1 GHz to 26 GHz, Vertical

| Frequency (MHz) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------|----------------|-------------|----------|-----------|-------------|--------------|
| 37.517          | 20.00          | 40.00          | -20.00      | Q-Peak   | 8         | 252         | Vertical     |
| 38.220          | 20.05          | 40.00          | -19.95      | Q-Peak   | 40        | 353         | Horizontal   |
| 74.068          | 17.39          | 40.00          | -22.61      | Q-Peak   | 162       | 329         | Horizontal   |
| 111.861         | 19.52          | 43.50          | -23.98      | Q-Peak   | 34        | 261         | Horizontal   |
| 162.591         | 22.10          | 43.50          | -21.40      | Q-Peak   | 270       | 391         | Vertical     |
| 2389.990        | 39.49          | 54.00          | -14.51      | RMS      | 360       | 380         | Vertical     |
| 2483.587        | 37.15          | 54.00          | -16.85      | RMS      | 306       | 383         | Horizontal   |
| 2484.105        | 41.69          | 54.00          | -12.31      | RMS      | 10        | 292         | Vertical     |
| 4883.980        | 37.69          | 54.00          | -16.31      | RMS      | 343       | 289         | Vertical     |
| 7323.941        | 40.16          | 54.00          | -13.84      | RMS      | 289       | 361         | Horizontal   |
| 7324.756        | 40.41          | 54.00          | -13.59      | RMS      | 300       | 240         | Vertical     |

**Table 136 - 2442 MHz (CH7), 802.11g, Core 1, 30 MHz to 26 GHz**

No other emissions found within 20 dB of the limit.

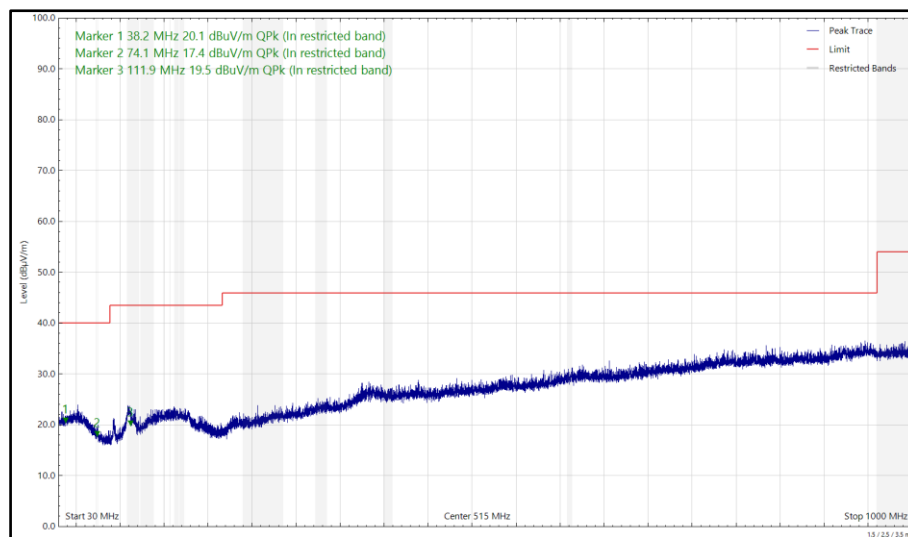


**Figure 390 - 2442 MHz (CH7), 802.11g, Core 1, 30 MHz to 1 GHz, Horizontal (Peak)**

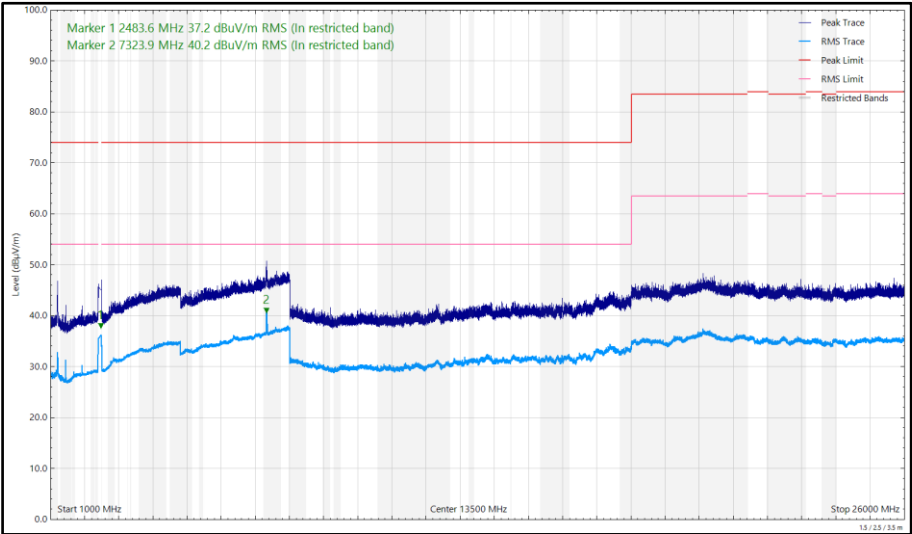


Figure 391 - 2442 MHz (CH7), 802.11g, Core 1, 1 GHz to 26 GHz, Horizontal

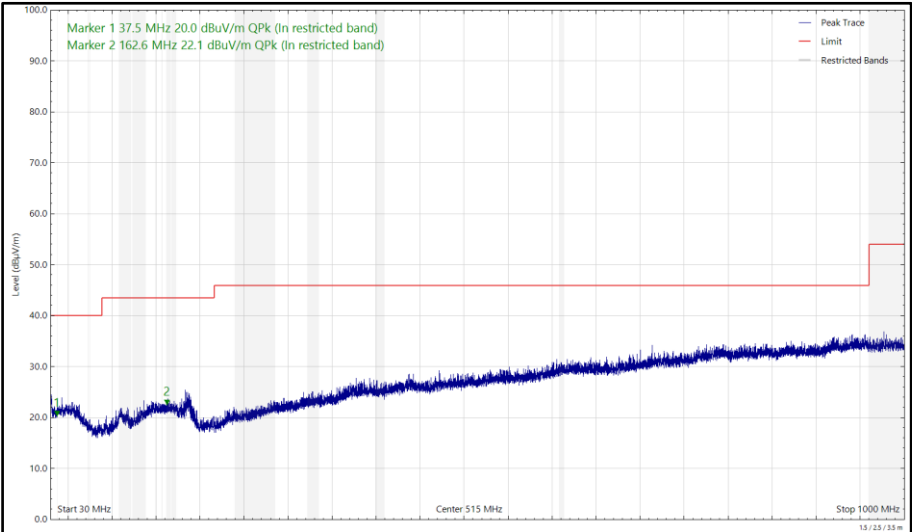


Figure 392 - 2442 MHz (CH7), 802.11g, Core 1, 30 MHz to 1 GHz, Vertical (Peak)

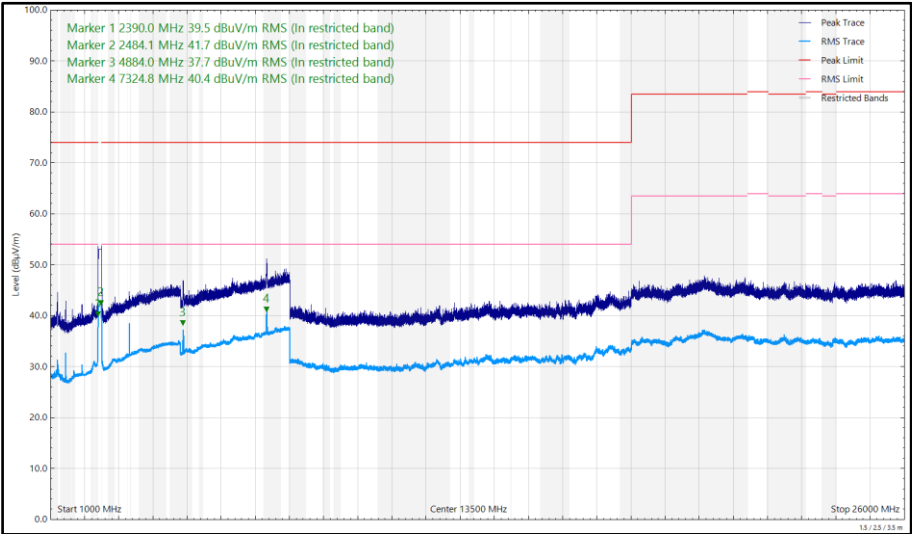


Figure 393 - 2442 MHz (CH7), 802.11g, Core 1, 1 GHz to 26 GHz, Vertical



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

Table 137 - 2412 MHz (CH1), HT20, CDD, Core 0 + Core 1, 1 to 18 GHz

\*No emissions found within 20 dB of the limit.

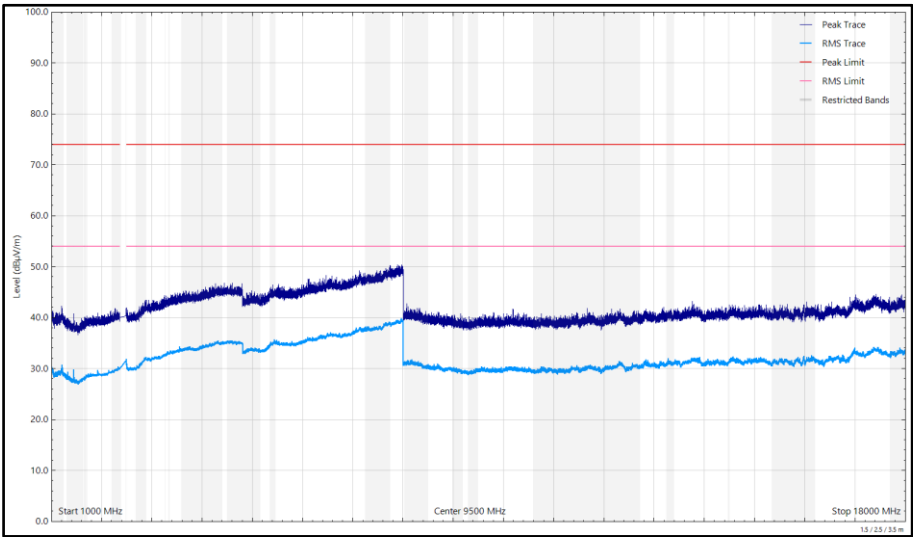


Figure 394 - 2412 MHz (CH1), HT20, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal

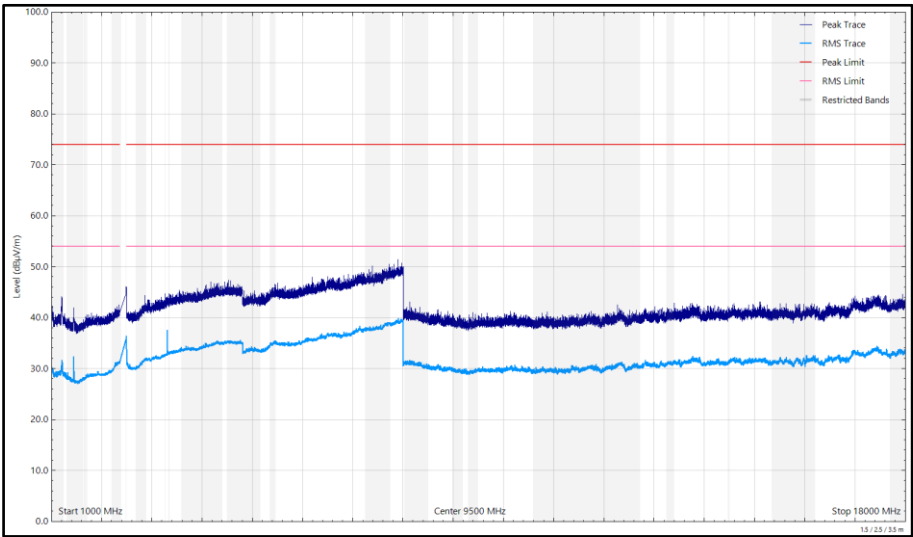


Figure 395 - 2412 MHz (CH1), HT20, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Vertical

| Frequency (MHz) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------|----------------|-------------|----------|-----------|-------------|--------------|
| 30.884          | 20.71          | 40.00          | -19.29      | Q-Peak   | 287       | 335         | Vertical     |
| 36.669          | 19.98          | 40.00          | -20.02      | Q-Peak   | 314       | 279         | Horizontal   |
| 38.205          | 20.04          | 40.00          | -19.96      | Q-Peak   | 70        | 357         | Vertical     |
| 38.245          | 20.00          | 40.00          | -20.00      | Q-Peak   | 341       | 370         | Horizontal   |
| 165.798         | 22.06          | 43.50          | -21.44      | Q-Peak   | 169       | 390         | Horizontal   |
| 167.850         | 22.04          | 43.50          | -21.46      | Q-Peak   | 26        | 344         | Vertical     |
| 2389.885        | 44.16          | 54.00          | -9.84       | RMS      | 10        | 308         | Vertical     |
| 2389.933        | 38.24          | 54.00          | -15.76      | RMS      | 57        | 390         | Horizontal   |
| 2399.575        | 59.70          | 74.00          | -14.30      | Peak     | 314       | 384         | Horizontal   |
| 2399.941        | 67.38          | 74.00          | -6.62       | Peak     | 6         | 307         | Vertical     |
| 2484.556        | 57.46          | 74.00          | -16.54      | Peak     | 8         | 289         | Vertical     |
| 2484.755        | 52.91          | 74.00          | -21.09      | Peak     | 61        | 393         | Horizontal   |
| 2485.051        | 44.84          | 54.00          | -9.16       | RMS      | 4         | 325         | Vertical     |
| 2485.322        | 38.33          | 54.00          | -15.67      | RMS      | 61        | 393         | Horizontal   |
| 4871.416        | 38.39          | 54.00          | -15.61      | RMS      | 339       | 286         | Vertical     |
| 7305.953        | 59.64          | 74.00          | -14.36      | Peak     | 303       | 256         | Vertical     |
| 7306.065        | 48.83          | 54.00          | -5.17       | RMS      | 306       | 245         | Vertical     |
| 7306.865        | 48.47          | 54.00          | -5.53       | RMS      | 285       | 358         | Horizontal   |
| 7312.558        | 61.13          | 74.00          | -12.87      | Peak     | 291       | 335         | Horizontal   |

**Table 138 - 2437 MHz (CH6), HT20, CDD, Core 0 + Core 1, 30 MHz to 26 GHz**

No other emissions found within 20 dB of the limit.

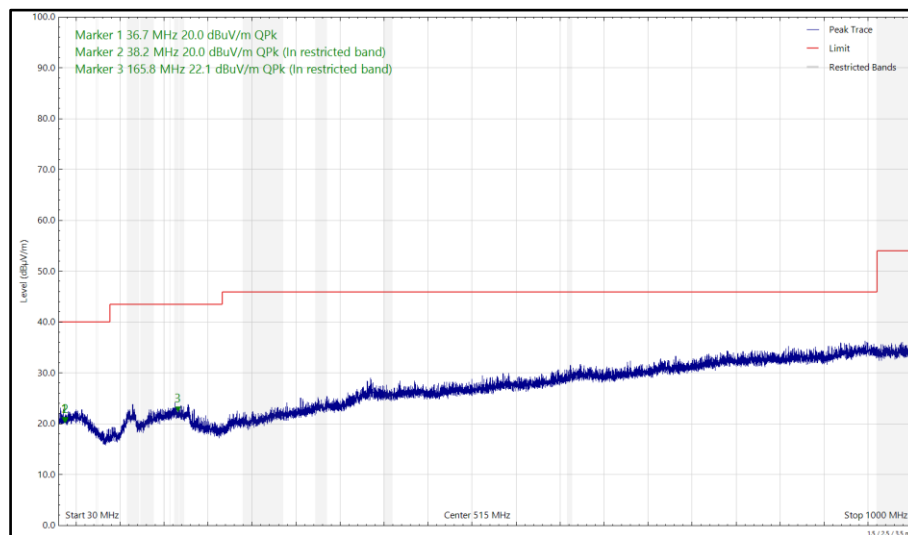


**Figure 396 - 2437 MHz (CH6), HT20, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)**

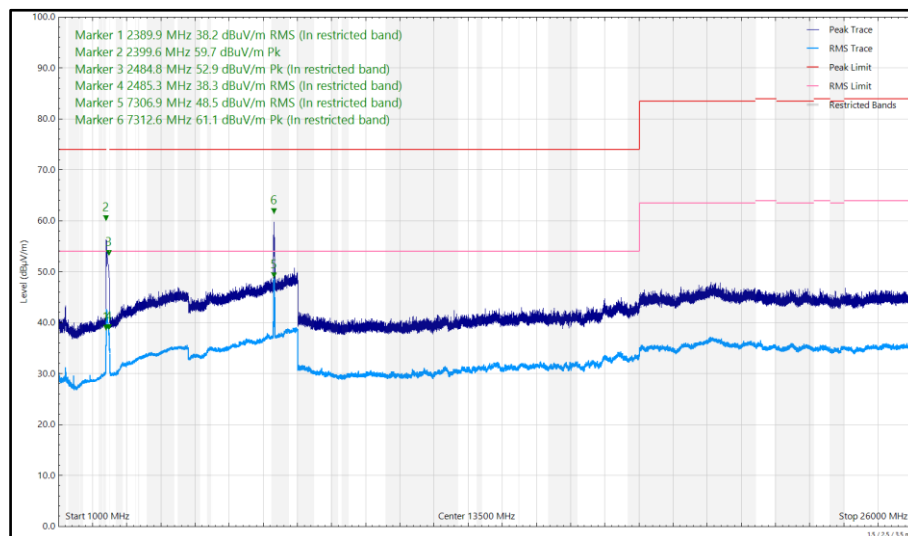


**Figure 397 - 2437 MHz (CH6), HT20, CDD, Core 0 + Core 1, 1 GHz to 26 GHz, Horizontal**

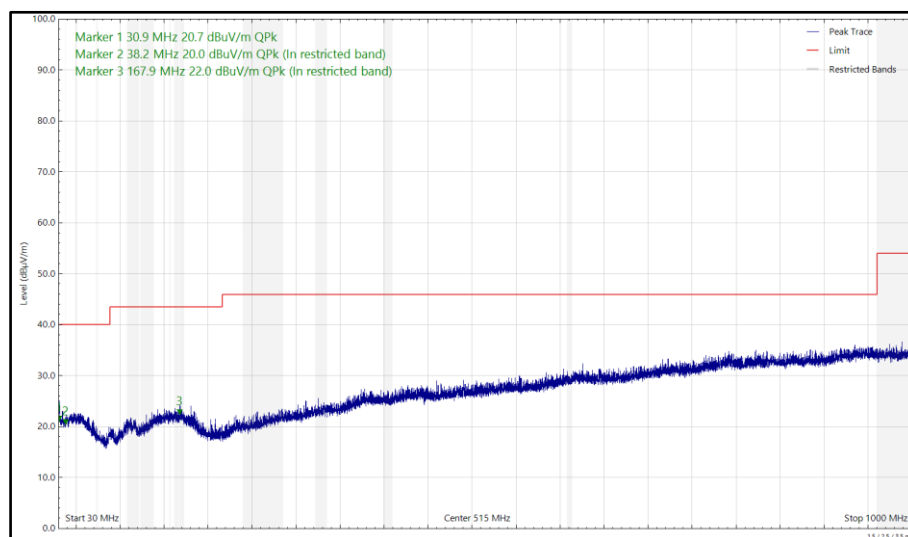


**Figure 398 - 2437 MHz (CH6), HT20, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)**

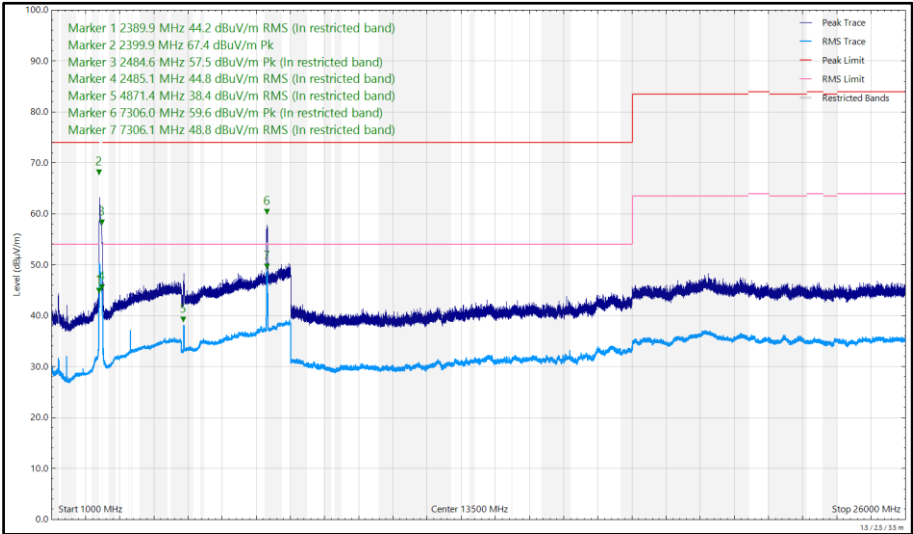


Figure 399 - 2437 MHz (CH6), HT20, CDD, Core 0 + Core 1, 1 GHz to 26 GHz, Vertical

| Frequency (MHz) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------|----------------|-------------|----------|-----------|-------------|--------------|
| 2389.704        | 40.25          | 54.00          | -13.75      | RMS      | 17        | 390         | Vertical     |
| 2389.899        | 36.51          | 54.00          | -17.49      | RMS      | 303       | 390         | Horizontal   |
| 2394.500        | 59.34          | 74.00          | -14.66      | Peak     | 338       | 378         | Vertical     |
| 2509.490        | 67.11          | 74.00          | -6.89       | Peak     | 311       | 398         | Horizontal   |
| 2515.387        | 72.45          | 74.00          | -1.55       | Peak     | 359       | 364         | Vertical     |
| 4941.116        | 37.03          | 54.00          | -16.97      | RMS      | 335       | 278         | Vertical     |
| 7407.406        | 57.89          | 74.00          | -16.11      | Peak     | 77        | 366         | Horizontal   |
| 7412.667        | 45.39          | 54.00          | -8.61       | RMS      | 76        | 351         | Horizontal   |
| 7412.957        | 47.32          | 54.00          | -6.68       | RMS      | 55        | 271         | Vertical     |
| 7413.202        | 59.08          | 74.00          | -14.92      | Peak     | 52        | 273         | Vertical     |

**Table 139 - 2472 MHz (CH13), HT20, CDD, Core 0 + Core 1, 1 to 18 GHz**

No other emissions found within 20 dB of the limit.

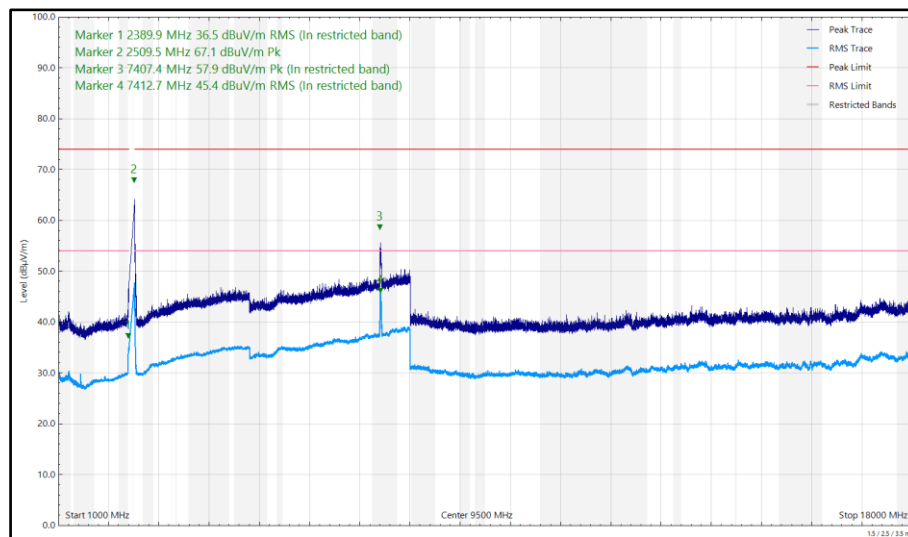


**Figure 400 - 2472 MHz (CH13), HT20, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal**

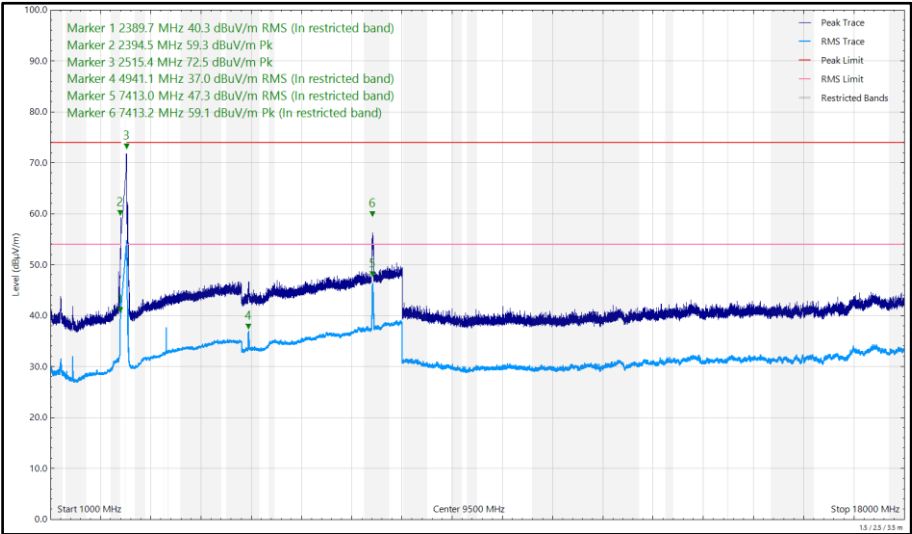


Figure 401 - 2472 MHz (CH13), HT20, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Vertical

| Frequency (MHz) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------|----------------|-------------|----------|-----------|-------------|--------------|
| 30.929          | 20.54          | 40.00          | -19.46      | Q-Peak   | 222       | 364         | Vertical     |
| 37.741          | 20.11          | 40.00          | -19.89      | Q-Peak   | 24        | 389         | Horizontal   |
| 38.187          | 20.13          | 40.00          | -19.87      | Q-Peak   | 204       | 276         | Vertical     |
| 113.179         | 19.33          | 43.50          | -24.17      | Q-Peak   | 202       | 322         | Horizontal   |
| 170.811         | 21.94          | 43.50          | -21.56      | Q-Peak   | 152       | 280         | Vertical     |
| 2389.689        | 35.85          | 54.00          | -18.15      | RMS      | 9         | 270         | Vertical     |
| 2483.606        | 35.93          | 54.00          | -18.07      | RMS      | 359       | 365         | Vertical     |
| 4867.511        | 33.64          | 54.00          | -20.36      | RMS      | 16        | 318         | Vertical     |
| 7300.904        | 38.12          | 54.00          | -15.88      | RMS      | 82        | 320         | Horizontal   |

**Table 140 - 2442 MHz (CH7), HE20, RU26-0, CDD, Core 0 + Core 1, 30 MHz to 26 GHz**

No other emissions found within 20 dB of the limit.

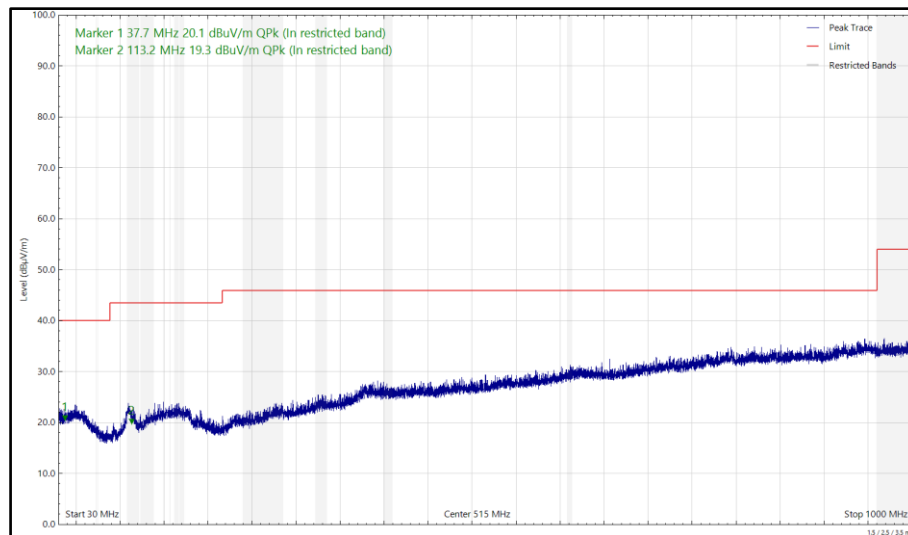


**Figure 402 - 2442 MHz (CH7), HE20, RU26-0, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)**

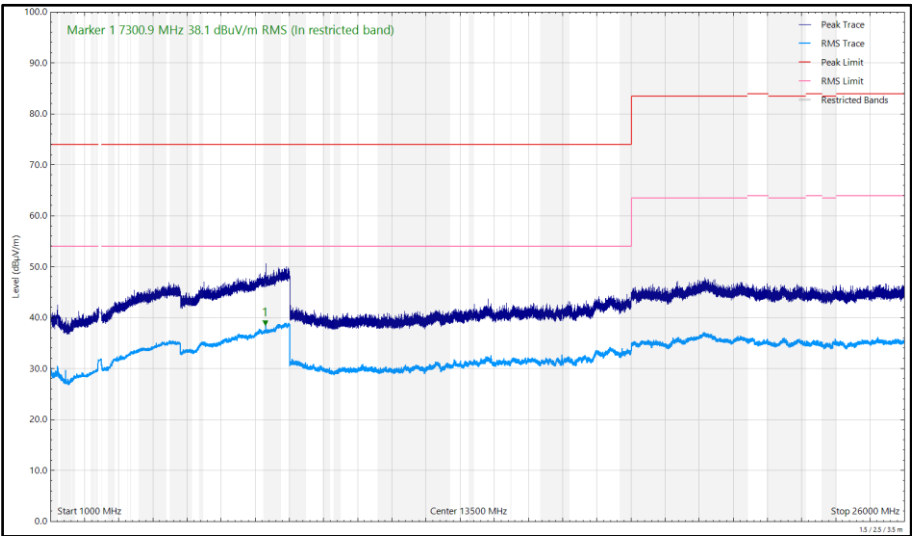


Figure 403 - 2442 MHz (CH7), HE20, RU26-0, CDD, Core 0 + Core 1, 1 GHz to 26 GHz, Horizontal

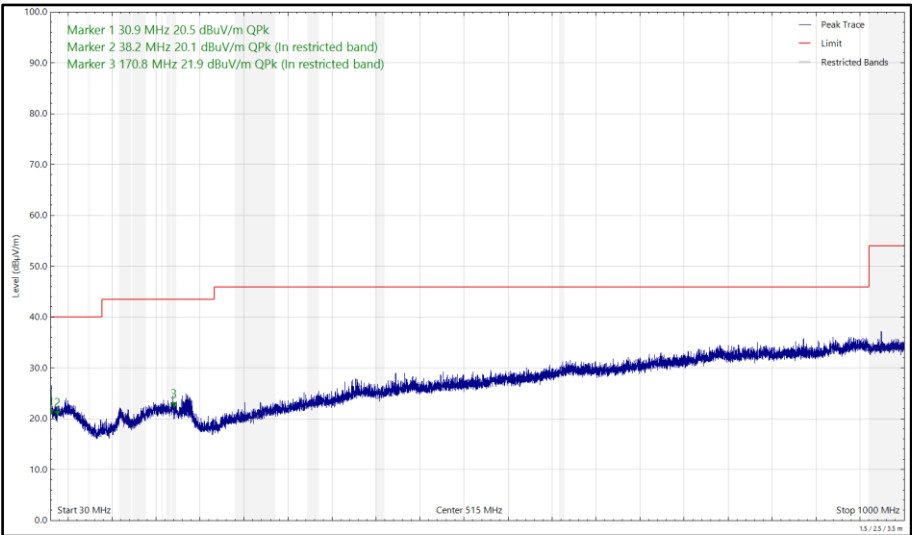


Figure 404 - 2442 MHz (CH7), HE20, RU26-0, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

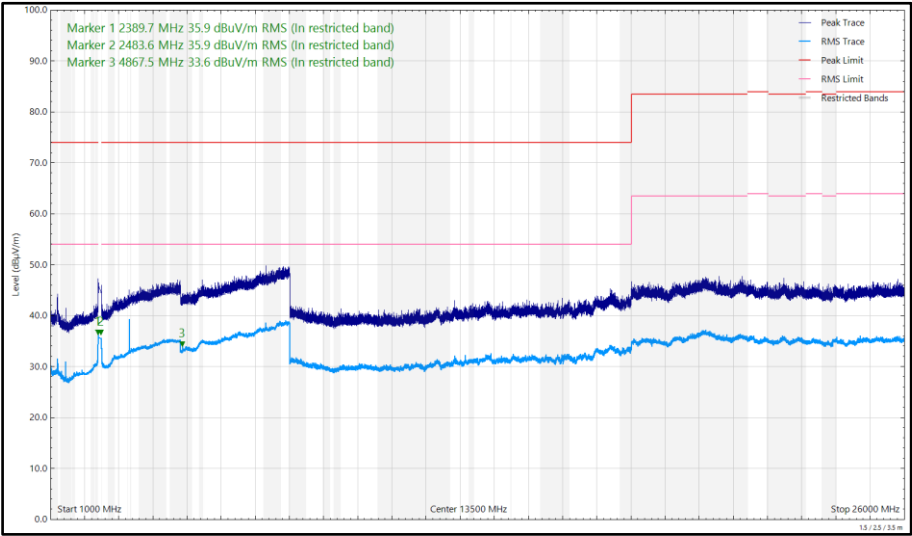


Figure 405 - 2442 MHz (CH7), HE20, RU26-0, CDD, Core 0 + Core 1, 1 GHz to 26 GHz, Vertical

| Frequency (MHz) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------|----------------|-------------|----------|-----------|-------------|--------------|
| 2389.731        | 38.67          | 54.00          | -15.33      | RMS      | 345       | 384         | Vertical     |
| 2486.316        | 39.13          | 54.00          | -14.87      | RMS      | 346       | 285         | Vertical     |
| 4874.904        | 39.57          | 54.00          | -14.43      | RMS      | 341       | 256         | Vertical     |
| 7311.276        | 41.91          | 54.00          | -12.09      | RMS      | 286       | 364         | Horizontal   |
| 7311.692        | 58.57          | 74.00          | -15.43      | Peak     | 77        | 365         | Horizontal   |
| 7312.244        | 45.47          | 54.00          | -8.53       | RMS      | 55        | 273         | Vertical     |
| 7312.335        | 59.11          | 74.00          | -14.89      | Peak     | 59        | 263         | Vertical     |

**Table 141 - 2442 MHz (CH7), EHT20, RU52+26-70, CDD, Core 0 + Core 1, 1 GHz to 18 GHz**

No other emissions found within 20 dB of the limit.

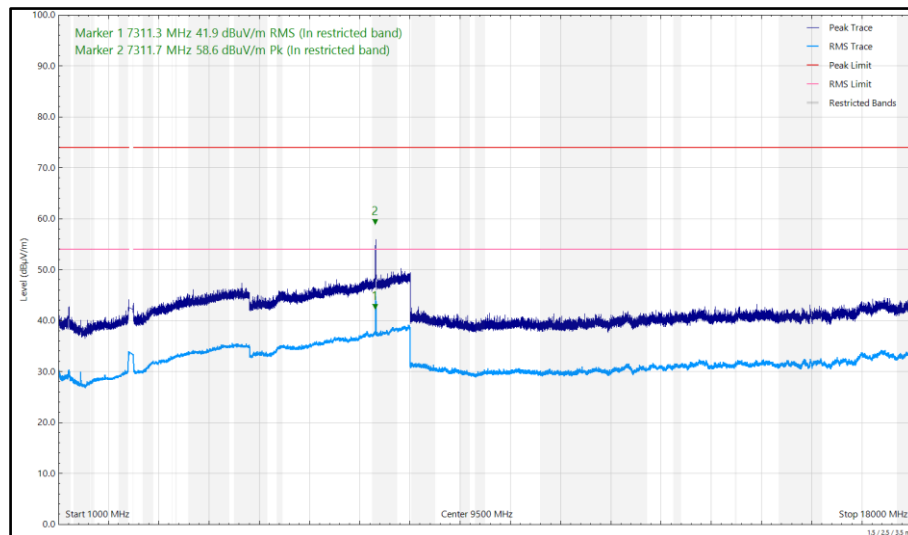


**Figure 406 - 2442 MHz (CH7), EHT20, RU52+26-70, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal**

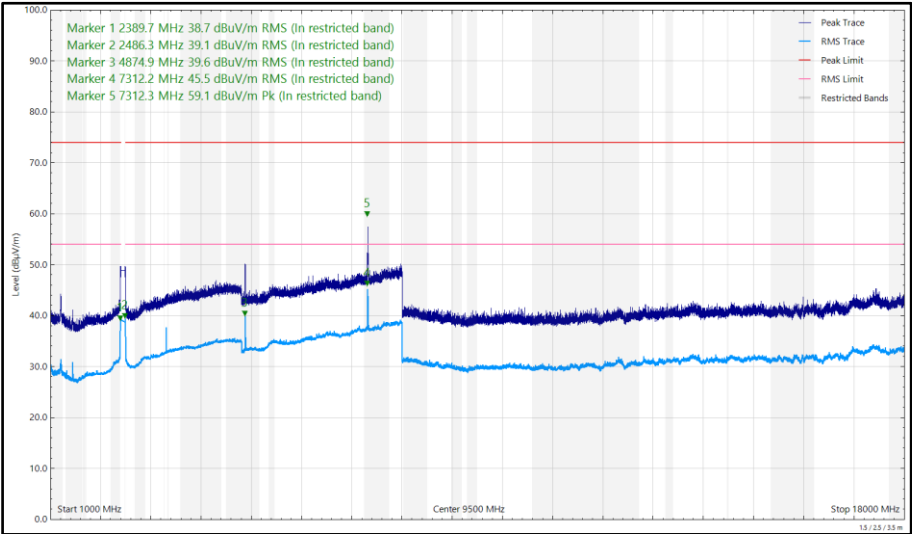


Figure 407 - 2442 MHz (CH7), EHT20, RU52+26-70, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Vertical

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------------|----------------------|-------------|----------|-----------|-------------|--------------|
| 2389.588        | 57.43                | 74.00                | -16.57      | Peak     | 3         | 367         | Vertical     |
| 2389.724        | 44.38                | 54.00                | -9.62       | RMS      | 3         | 297         | Vertical     |
| 2389.843        | 37.12                | 54.00                | -16.88      | RMS      | 301       | 392         | Horizontal   |
| 2397.100        | 64.34                | 74.00                | -9.66       | Peak     | 350       | 338         | Vertical     |
| 2399.692        | 58.67                | 74.00                | -15.33      | Peak     | 316       | 394         | Horizontal   |
| 2485.827        | 61.41                | 74.00                | -12.59      | Peak     | 360       | 310         | Vertical     |
| 2485.885        | 35.91                | 54.00                | -18.09      | RMS      | 60        | 372         | Horizontal   |
| 2486.152        | 44.54                | 54.00                | -9.46       | RMS      | 359       | 348         | Vertical     |
| 4877.137        | 37.88                | 54.00                | -16.12      | RMS      | 344       | 296         | Vertical     |
| 7316.532        | 42.30                | 54.00                | -11.70      | RMS      | 70        | 367         | Horizontal   |
| 7317.103        | 44.82                | 54.00                | -9.18       | RMS      | 56        | 300         | Vertical     |
| 7322.262        | 59.83                | 74.00                | -14.17      | Peak     | 60        | 311         | Vertical     |

**Table 142 - 2442 MHz (CH7), EHT20, RU106+26-82, CDD, Core 0 + Core 1, 1 GHz to 18 GHz**

No other emissions found within 20 dB of the limit.

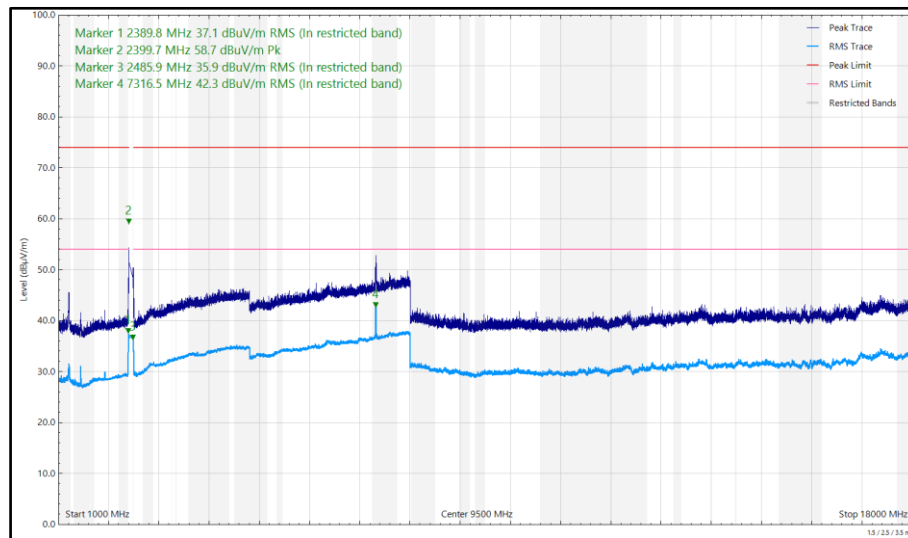


**Figure 408 - 2442 MHz (CH7), EHT20, RU106+26-82, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal**

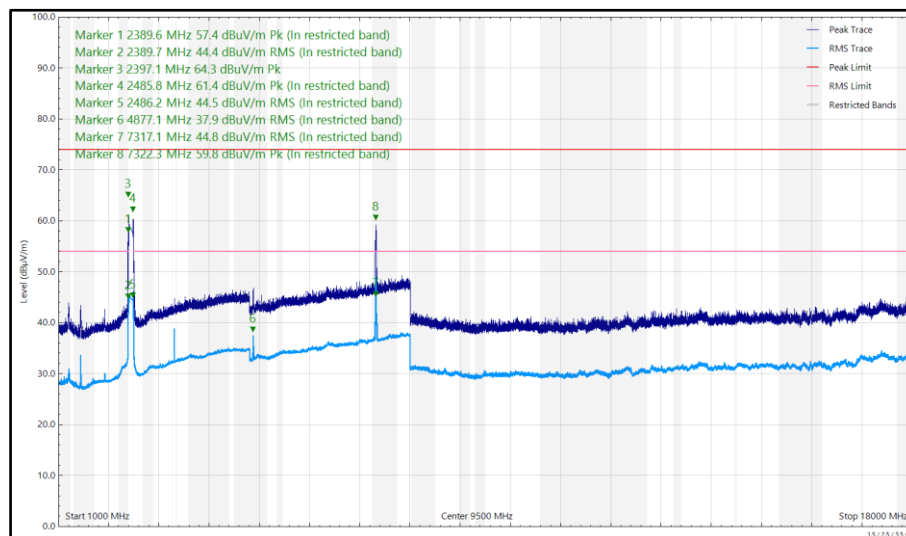


**Figure 409 - 2442 MHz (CH7), EHT20, RU106+26-82, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Vertical**

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

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator 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 the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB.

Attenuation below the general limits specified in § 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in 15.209(a).

ISED RSS-247, Limit Clause 6.6

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.

In addition, radiated emissions which fall in the restricted bands, as defined in RSS-GEN, clause 8.10, must also comply with the radiated emission limits specified in RSS-GEN clause 8.9.



## 2.5.8 Test Location and Test Equipment Used

This test was carried out in RF Chamber 14 and RF Chamber 17.

| Instrument                                   | Manufacturer       | Type No.                  | TE No. | Calibration Period (months) | Calibration Expiry Date |
|----------------------------------------------|--------------------|---------------------------|--------|-----------------------------|-------------------------|
| Emissions Software                           | TUV SUD            | EmX V3.6.3                | 5125   | -                           | TU                      |
| EMI Test Receiver                            | Rohde & Schwarz    | ESW44                     | 5912   | 12                          | 04-Sep-2026             |
| DRG Horn Antenna (7.5-18GHz)                 | Schwarzbeck        | HWRD750                   | 5940   | 12                          | 23-May-2027             |
| TRILOG Super Broadband Test Antenna          | Schwarzbeck        | VULB 9168                 | 5944   | 24                          | 03-Jan-2027             |
| 1500W (300V 12A) AC Power Supply             | iTech              | IT7324                    | 5955   | -                           | TU                      |
| 5m Semi-Anechoic Chamber (Dual-Axis)         | Albatross Projects | RF Chamber 14             | 5958   | 36                          | 23-Apr-2028             |
| Compact Antenna Mast                         | Maturo Gmbh        | CAM4.0-P                  | 5959   | -                           | TU                      |
| Turntable                                    | Maturo Gmbh        | TT1.5SI                   | 5962   | -                           | TU                      |
| Cable (N-Type to N-Type, 8 m)                | Junkosha           | MWX221-08000NMSNMS/A      | 6017   | 12                          | 12-Sep-2026             |
| Horn Antenna (1-10.5 GHz)                    | Schwarzbeck        | BBHA9120B                 | 6140   | 12                          | 14-Sep-2026             |
| Digital Multimeter                           | Fluke              | 115                       | 6145   | 12                          | 02-Jun-2027             |
| Digital Multimeter                           | Fluke              | 115                       | 6147   | 12                          | 03-Jun-2027             |
| Double Ridge Active Horn Antenna (18-40 GHz) | Com-Power          | AHA-840                   | 6187   | 24                          | 03-Sep-2026             |
| SAC Switch Unit                              | TUV SUD            | TUV_SSU_001               | 6190   | 12                          | 11-Dec-2026             |
| 8GHz Highpass Filter                         | Wainwright         | WHKX 7150 8000 18000 50SS | 6195   | 12                          | 23-Apr-2027             |
| Attenuator 4dB                               | Pasternack         | PE7074-4                  | 6203   | 24                          | 03-Jan-2027             |
| Cable (SMA to SMA 20cm)                      | TUV SUD            | MH-FH 8-18                | 6214   | 12                          | 23-Apr-2027             |
| EMI Test Receiver                            | Rohde & Schwarz    | ESW44                     | 6294   | 12                          | 23-Mar-2027             |
| Cable (SMA to SMA 1m)                        | Junkosha           | MWX221/B                  | 6305   | 12                          | 19-May-2027             |
| SAC Switch Unit                              | TUV SUD            | TUV_SSU_004 PLC           | 6349   | 12                          | 18-May-2027             |
| Horn Antenna (1-10.5 GHz)                    | Schwarzbeck        | BBHA 9120 B               | 6457   | 12                          | 14-Sep-2026             |
| AC Power Supply                              | iTech              | IT7324                    | 6657   | -                           | TU                      |
| 3m Semi-Anechoic Chamber                     | Albatross Projects | RF Chamber 17             | 6658   | 36                          | 07-May-2028             |
| 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                      |
| 1m Cable                                     | Junkosha           | MWX241-01000AMSAMS/B      | 6740   | 12                          | 27-Apr-2027             |
| 2m Cable                                     | Junkosha           | MWX241-02000KMSKMS/B      | 6742   | 12                          | 27-Apr-2027             |
| Mast & Turntable Controller                  | Maturo Gmbh        | FCU3.0                    | 6795   | -                           | TU                      |
| Tilt Antenna Mast                            | Maturo Gmbh        | BAM4.5-P                  | 6796   | -                           | TU                      |
| Handheld Hygrometer                          | Fluke              | 971                       | 6838   | 12                          | 16-Sep-2026             |



| Instrument         | Manufacturer        | Type No.             | TE No. | Calibration Period (months) | Calibration Expiry Date |
|--------------------|---------------------|----------------------|--------|-----------------------------|-------------------------|
| 1m SMA-Type Cable  | Junkosha            | MWX221-01000AMSAMS/B | 6842   | 12                          | 23-Sep-2026             |
| 1m SMA-Type Cable  | Junkosha            | MWX221-01000AMSAMS/B | 6843   | 12                          | 06-Sep-2026             |
| 8m SMA-Type Cable  | Junkosha            | MWX221-08000AMSAMS/B | 6847   | 12                          | 06-Nov-2026             |
| 8m SMA-Type Cable  | Junkosha            | MWX221-08000AMSAMS/B | 6848   | 12                          | 23-Oct-2026             |
| 8m SMA-Type Cable  | Junkosha            | MWX221-08000AMSAMS/B | 6851   | 12                          | 06-Nov-2026             |
| Pre Amp 8 - 18 GHz | Wright Technologies | APS06-0061           | 6985   | 12                          | 23-Apr-2027             |

**Table 143**

TU - Traceability Unscheduled



## **2.6 Power Spectral Density**

### **2.6.1 Specification Reference**

FCC 47 CFR Part 15C, Clause 15.247 (e)  
ISED RSS-247, Clause 6.3.1 (b)  
ISED RSS-GEN, Clause 6.12

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

A3375, S/N: CH6Q14YF9N - Modification State 0  
A3375, S/N: CX4D4WHY7Q - Modification State 0

### **2.6.3 Date of Test**

04-September-2026 & 23-September-2026

### **2.6.4 Test Method**

SISO conducted powers and antenna gains on individual ports differ, resulting in differences in the EIRP per core.

This test was performed in accordance with ANSI C63.10, clause 11.10.5.

Where the EUT duty cycle was < 98 % and repeatable within  $\pm 2$  %, the spectrum analyser was set to trace (power) averaging and a duty cycle correction was added as calculated in the result tables below (Method SA-2). Where the duty cycle was  $\geq 98$  % the spectrum analyser was set to trace (power) averaging and no duty cycle correction made (Method SA-1). In all other cases the spectrum analyser trace was set to max hold (Method SA-3).

MIMO output port summing was performed in accordance with KDB 662911 D01. For the CDD results the directional gain was calculated using the equation in clause F)2)f)(ii) for CDD with unequal antenna gains with equal transmit powers. CDD uses only one spatial stream so for 2 cores with different gains the equation stated reduced to:

$$\text{CDD Directional Gain} = 10 \cdot \log((10^{(G1/20)} + 10^{(G2/20)})^{2/2}).$$

Note this is different to the output power CDD directional gain calculation, since the unintentional beamforming produced by CDD operation is a narrowband effect that averages out over a wideband signal.

SDM uses 2 uncorrelated spatial streams. For SDM modes Directional Gain was hence calculated in accordance with clause F)2)d)(ii) for completely uncorrelated signals with unequal antenna gains and equal transmit powers. The formula therefore reduced to:

$$\text{SDM Directional Gain} = 10 \cdot \log((10^{(G1/10)} + 10^{(G2/10)})/2)$$

TxBF uses 1 spatial stream over 2 transmit cores. Therefore the signal was correlated and the gain was calculated in accordance with clause F)2)d)(i) for correlated signals with unequal antenna gains and equal transmit powers. The formula reduces to:

$$\text{TxBF Directional Gain} = 10 \cdot \log((10^{(G1/20)} + 10^{(G2/20)})^{2/2})$$



These result in the following gain calculations for power spectral density:

| Frequency Range (MHz) | Core 0 Peak Gain (dBi) | Core 1 Peak Gain (dBi) | CDD Directional Gain (Wideband) (dBi) | SDM Gain (dBi) | TxBF Gain (dBi) |
|-----------------------|------------------------|------------------------|---------------------------------------|----------------|-----------------|
| 2400 to 2480          | 4.9                    | 5.3                    | 8.1                                   | 5.1            | 8.1             |

**Table 144 Peak Antenna Gains (PSD)**

## 2.6.5 Environmental Conditions

|                     |                |
|---------------------|----------------|
| Ambient Temperature | 21.5 - 23.0 °C |
| Relative Humidity   | 44.8 - 54.8 %  |

## 2.6.6 Test Results

### 2.4 GHz WLAN

| Test Configuration       |                                                                 |                 |                |
|--------------------------|-----------------------------------------------------------------|-----------------|----------------|
| Frequency Range:         | 2400-2483.5 MHz                                                 | Band:           | 2.4 GHz        |
| Limit Clause(s):         | 15.247 (e)<br>RSS-247 6.3.1 (b)                                 | Test Method(s): | C63.10 11.10.5 |
| Additional Reference(s): | -                                                               |                 |                |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset. |                 |                |

| DUT Configuration      |            |                          |      |
|------------------------|------------|--------------------------|------|
| Mode:                  | 802.11b    | Duty Cycle (%):          | 98.6 |
| Data Rate:             | 1 Mbps     | DCCF (dB):               | 0.06 |
| Antenna Configuration: | SISO       | Peak Antenna Gain (dBi): | 4.10 |
| Active Port(s):        | A (Core 0) | Active Chain(s):         | 0    |

| Test Frequency (MHz) | RBW (kHz) | PSD (dBm/RBW) |   |   |   |       | Limit (dBm/3 kHz) | Margin (dB) |
|----------------------|-----------|---------------|---|---|---|-------|-------------------|-------------|
|                      |           | A             | B | C | D | Σ     |                   |             |
| 2412                 | 100.0     | 1.76          | - | - | - | 1.76  | 8.00              | -6.24       |
| 2427                 | 100.0     | 2.99          | - | - | - | 2.99  | 8.00              | -5.01       |
| 2442                 | 100.0     | 2.38          | - | - | - | 2.38  | 8.00              | -5.62       |
| 2472                 | 100.0     | -1.91         | - | - | - | -1.91 | 8.00              | -9.91       |

**Table 145 – FCC Maximum Power Spectral Density Results**

| Test Frequency (MHz) | RBW (kHz) | PSD (dBm/3 kHz) |   |   |   |       | Limit (dBm) | Margin (dB) |
|----------------------|-----------|-----------------|---|---|---|-------|-------------|-------------|
|                      |           | A               | B | C | D | Σ     |             |             |
| 2412                 | 100.0     | 1.76            | - | - | - | 1.76  | 8.00        | -6.24       |
| 2427                 | 100.0     | 2.99            | - | - | - | 2.99  | 8.00        | -5.01       |
| 2442                 | 100.0     | 2.38            | - | - | - | 2.38  | 8.00        | -5.62       |
| 2472                 | 100.0     | -1.91           | - | - | - | -1.91 | 8.00        | -9.91       |

**Table 146 - ISED Maximum Power Spectral Density Results**



| Test Configuration       |                                                                 |                 |                |
|--------------------------|-----------------------------------------------------------------|-----------------|----------------|
| Frequency Range:         | 2400-2483.5 MHz                                                 | Band:           | 2.4 GHz        |
| Limit Clause(s):         | 15.247 (e)<br>RSS-247 6.3.1 (b)                                 | Test Method(s): | C63.10 11.10.5 |
| Additional Reference(s): | -                                                               |                 |                |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset. |                 |                |

| DUT Configuration      |            |                          |      |
|------------------------|------------|--------------------------|------|
| Mode:                  | 802.11g    | Duty Cycle (%):          | 97.3 |
| Data Rate:             | 12 Mbps    | DCCF (dB):               | 0.12 |
| Antenna Configuration: | SISO       | Peak Antenna Gain (dBi): | 4.10 |
| Active Port(s):        | A (Core 0) | Active Chain(s):         | 0    |

| Test Frequency (MHz) | RBW (kHz) | PSD (dBm/RBW) |   |   |   |          | Limit (dBm/3 kHz) | Margin (dB) |
|----------------------|-----------|---------------|---|---|---|----------|-------------------|-------------|
|                      |           | A             | B | C | D | $\Sigma$ |                   |             |
| 2412                 | 100.0     | -1.17         | - | - | - | -1.17    | 8.00              | -9.17       |
| 2432                 | 100.0     | 2.31          | - | - | - | 2.31     | 8.00              | -5.69       |
| 2442                 | 100.0     | 0.96          | - | - | - | 0.96     | 8.00              | -7.04       |
| 2472                 | 100.0     | -11.79        | - | - | - | -11.79   | 8.00              | -19.79      |

**Table 147 – FCC Maximum Power Spectral Density Results**

| Test Frequency (MHz) | RBW (kHz) | PSD (dBm/3 kHz) |   |   |   |          | Limit (dBm) | Margin (dB) |
|----------------------|-----------|-----------------|---|---|---|----------|-------------|-------------|
|                      |           | A               | B | C | D | $\Sigma$ |             |             |
| 2412                 | 100.0     | -1.17           | - | - | - | -1.17    | 8.00        | -9.17       |
| 2432                 | 100.0     | 2.31            | - | - | - | 2.31     | 8.00        | -5.69       |
| 2442                 | 100.0     | 0.96            | - | - | - | 0.96     | 8.00        | -7.04       |
| 2472                 | 100.0     | -11.79          | - | - | - | -11.79   | 8.00        | -19.79      |

**Table 148 - ISSED Maximum Power Spectral Density Results**



| Test Configuration       |                                                                 |                 |                |
|--------------------------|-----------------------------------------------------------------|-----------------|----------------|
| Frequency Range:         | 2400-2483.5 MHz                                                 | Band:           | 2.4 GHz        |
| Limit Clause(s):         | 15.247 (e)<br>RSS-247 6.3.1 (b)                                 | Test Method(s): | C63.10 11.10.5 |
| Additional Reference(s): | -                                                               |                 |                |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset. |                 |                |

| DUT Configuration         |              |                          |      |
|---------------------------|--------------|--------------------------|------|
| Mode:                     | 802.11n HT20 | Duty Cycle (%):          | 99.0 |
| Modulation Coding Scheme: | MCS2         | DCCF (dB):               | 0.04 |
| Antenna Configuration:    | SISO         | Peak Antenna Gain (dBi): | 4.10 |
| Active Port(s):           | A (Core 0)   | Active Chain(s):         | 0    |

| Test Frequency (MHz) | RBW (kHz) | PSD (dBm/RBW) |   |   |   |        | Limit (dBm/3 kHz) | Margin (dB) |
|----------------------|-----------|---------------|---|---|---|--------|-------------------|-------------|
|                      |           | A             | B | C | D | Σ      |                   |             |
| 2412                 | 100.0     | -1.93         | - | - | - | -1.93  | 8.00              | -9.93       |
| 2427                 | 100.0     | 2.83          | - | - | - | 2.83   | 8.00              | -5.17       |
| 2442                 | 100.0     | 0.57          | - | - | - | 0.57   | 8.00              | -7.43       |
| 2472                 | 100.0     | -13.05        | - | - | - | -13.05 | 8.00              | -21.05      |

**Table 149 – FCC Maximum Power Spectral Density Results**

| Test Frequency (MHz) | RBW (kHz) | PSD (dBm/3 kHz) |   |   |   |        | Limit (dBm) | Margin (dB) |
|----------------------|-----------|-----------------|---|---|---|--------|-------------|-------------|
|                      |           | A               | B | C | D | Σ      |             |             |
| 2412                 | 100.0     | -1.93           | - | - | - | -1.93  | 8.00        | -9.93       |
| 2427                 | 100.0     | 2.83            | - | - | - | 2.83   | 8.00        | -5.17       |
| 2442                 | 100.0     | 0.57            | - | - | - | 0.57   | 8.00        | -7.43       |
| 2472                 | 100.0     | -13.05          | - | - | - | -13.05 | 8.00        | -21.05      |

**Table 150 - ISED Maximum Power Spectral Density Results**



| Test Configuration       |                                                                 |                 |                |
|--------------------------|-----------------------------------------------------------------|-----------------|----------------|
| Frequency Range:         | 2400-2483.5 MHz                                                 | Band:           | 2.4 GHz        |
| Limit Clause(s):         | 15.247 (e)<br>RSS-247 6.3.1 (b)                                 | Test Method(s): | C63.10 11.10.5 |
| Additional Reference(s): | -                                                               |                 |                |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset. |                 |                |

| DUT Configuration         |                  |                          |      |
|---------------------------|------------------|--------------------------|------|
| Mode:                     | 802.11ax HE20 SU | Duty Cycle (%):          | 99.0 |
| Modulation Coding Scheme: | MCS2x1           | DCCF (dB):               | 0.04 |
| Antenna Configuration:    | SISO             | Peak Antenna Gain (dBi): | 4.10 |
| Active Port(s):           | A (Core 0)       | Active Chain(s):         | 0    |

| Test Frequency (MHz) | RBW (kHz) | PSD (dBm/RBW) |   |   |   |          | Limit (dBm/3 kHz) | Margin (dB) |
|----------------------|-----------|---------------|---|---|---|----------|-------------------|-------------|
|                      |           | A             | B | C | D | $\Sigma$ |                   |             |
| 2412                 | 100.0     | -3.86         | - | - | - | -3.86    | 8.00              | -11.86      |
| 2432                 | 100.0     | 1.37          | - | - | - | 1.37     | 8.00              | -6.63       |
| 2442                 | 100.0     | -0.66         | - | - | - | -0.66    | 8.00              | -8.66       |
| 2472                 | 100.0     | -14.93        | - | - | - | -14.93   | 8.00              | -22.93      |

**Table 151 – FCC Maximum Power Spectral Density Results**

| Test Frequency (MHz) | RBW (kHz) | PSD (dBm/3 kHz) |   |   |   |          | Limit (dBm) | Margin (dB) |
|----------------------|-----------|-----------------|---|---|---|----------|-------------|-------------|
|                      |           | A               | B | C | D | $\Sigma$ |             |             |
| 2412                 | 100.0     | -3.86           | - | - | - | -3.86    | 8.00        | -11.86      |
| 2432                 | 100.0     | 1.37            | - | - | - | 1.37     | 8.00        | -6.63       |
| 2442                 | 100.0     | -0.66           | - | - | - | -0.66    | 8.00        | -8.66       |
| 2472                 | 100.0     | -14.93          | - | - | - | -14.93   | 8.00        | -22.93      |

**Table 152 - ISSED Maximum Power Spectral Density Results**



| Test Configuration       |                                                                 |                 |                |
|--------------------------|-----------------------------------------------------------------|-----------------|----------------|
| Frequency Range:         | 2400-2483.5 MHz                                                 | Band:           | 2.4 GHz        |
| Limit Clause(s):         | 15.247 (e)<br>RSS-247 6.3.1 (b)                                 | Test Method(s): | C63.10 11.10.5 |
| Additional Reference(s): | -                                                               |                 |                |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset. |                 |                |

| DUT Configuration         |                    |                          |      |
|---------------------------|--------------------|--------------------------|------|
| Mode:                     | 802.11ax HE20 RU26 | Duty Cycle (%):          | 98.7 |
| Modulation Coding Scheme: | MCS2x1             | DCCF (dB):               | 0.06 |
| Antenna Configuration:    | SISO               | Peak Antenna Gain (dBi): | 4.10 |
| Active Port(s):           | A (Core 0)         | Active Chain(s):         | 0    |

| Test Frequency (MHz) | RBW (kHz) | PSD (dBm/RBW) |   |   |   |          | Limit (dBm/3 kHz) | Margin (dB) |
|----------------------|-----------|---------------|---|---|---|----------|-------------------|-------------|
|                      |           | A             | B | C | D | $\Sigma$ |                   |             |
| 2412 (RU26.0)        | 100.0     | 1.46          | - | - | - | 1.46     | 8.00              | -6.54       |
| 2442 (RU26.0)        | 100.0     | 0.87          | - | - | - | 0.87     | 8.00              | -7.13       |
| 2472 (RU26.8)        | 100.0     | -17.11        | - | - | - | -17.11   | 8.00              | -25.11      |

**Table 153 – FCC Maximum Power Spectral Density Results**

| Test Frequency (MHz) | RBW (kHz) | PSD (dBm/3 kHz) |   |   |   |          | Limit (dBm) | Margin (dB) |
|----------------------|-----------|-----------------|---|---|---|----------|-------------|-------------|
|                      |           | A               | B | C | D | $\Sigma$ |             |             |
| 2412 (RU26.0)        | 100.0     | 1.46            | - | - | - | 1.46     | 8.00        | -6.54       |
| 2442 (RU26.0)        | 100.0     | 0.87            | - | - | - | 0.87     | 8.00        | -7.13       |
| 2472 (RU26.8)        | 100.0     | -17.11          | - | - | - | -17.11   | 8.00        | -25.11      |

**Table 154 - ISED Maximum Power Spectral Density Results**



| Test Configuration       |                                                                 |                 |                |
|--------------------------|-----------------------------------------------------------------|-----------------|----------------|
| Frequency Range:         | 2400-2483.5 MHz                                                 | Band:           | 2.4 GHz        |
| Limit Clause(s):         | 15.247 (e)<br>RSS-247 6.3.1 (b)                                 | Test Method(s): | C63.10 11.10.5 |
| Additional Reference(s): | -                                                               |                 |                |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset. |                 |                |

| DUT Configuration         |                    |                          |      |
|---------------------------|--------------------|--------------------------|------|
| Mode:                     | 802.11ax HE20 RU52 | Duty Cycle (%):          | 98.7 |
| Modulation Coding Scheme: | MCS2x1             | DCCF (dB):               | 0.06 |
| Antenna Configuration:    | SISO               | Peak Antenna Gain (dBi): | 4.10 |
| Active Port(s):           | A (Core 0)         | Active Chain(s):         | 0    |

| Test Frequency (MHz) | RBW (kHz) | PSD (dBm/RBW) |   |   |   |          | Limit (dBm/3 kHz) | Margin (dB) |
|----------------------|-----------|---------------|---|---|---|----------|-------------------|-------------|
|                      |           | A             | B | C | D | $\Sigma$ |                   |             |
| 2412 (RU52.37)       | 100.0     | 1.28          | - | - | - | 1.28     | 8.00              | -6.72       |
| 2442 (RU52.37)       | 100.0     | 1.26          | - | - | - | 1.26     | 8.00              | -6.74       |
| 2472 (RU52.40)       | 100.0     | -16.15        | - | - | - | -16.15   | 8.00              | -24.15      |

**Table 155 – FCC Maximum Power Spectral Density Results**

| Test Frequency (MHz) | RBW (kHz) | PSD (dBm/3 kHz) |   |   |   |          | Limit (dBm) | Margin (dB) |
|----------------------|-----------|-----------------|---|---|---|----------|-------------|-------------|
|                      |           | A               | B | C | D | $\Sigma$ |             |             |
| 2412 (RU52.37)       | 100.0     | 1.28            | - | - | - | 1.28     | 8.00        | -6.72       |
| 2442 (RU52.37)       | 100.0     | 1.26            | - | - | - | 1.26     | 8.00        | -6.74       |
| 2472 (RU52.40)       | 100.0     | -16.15          | - | - | - | -16.15   | 8.00        | -24.15      |

**Table 156 - ISED Maximum Power Spectral Density Results**



| Test Configuration       |                                                                 |                 |                |
|--------------------------|-----------------------------------------------------------------|-----------------|----------------|
| Frequency Range:         | 2400-2483.5 MHz                                                 | Band:           | 2.4 GHz        |
| Limit Clause(s):         | 15.247 (e)<br>RSS-247 6.3.1 (b)                                 | Test Method(s): | C63.10 11.10.5 |
| Additional Reference(s): | -                                                               |                 |                |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset. |                 |                |

| DUT Configuration         |                     |                          |      |
|---------------------------|---------------------|--------------------------|------|
| Mode:                     | 802.11ax HE20 RU106 | Duty Cycle (%):          | 98.7 |
| Modulation Coding Scheme: | MCS2x1              | DCCF (dB):               | 0.06 |
| Antenna Configuration:    | SISO                | Peak Antenna Gain (dBi): | 4.10 |
| Active Port(s):           | A (Core 0)          | Active Chain(s):         | 0    |

| Test Frequency (MHz) | RBW (kHz) | PSD (dBm/RBW) |   |   |   |          | Limit (dBm/3 kHz) | Margin (dB) |
|----------------------|-----------|---------------|---|---|---|----------|-------------------|-------------|
|                      |           | A             | B | C | D | $\Sigma$ |                   |             |
| 2412 (RU106.53)      | 100.0     | 0.37          | - | - | - | 0.37     | 8.00              | -7.63       |
| 2442 (RU106.53)      | 100.0     | 1.24          | - | - | - | 1.24     | 8.00              | -6.76       |
| 2472 (RU106.54)      | 100.0     | -17.29        | - | - | - | -17.29   | 8.00              | -25.29      |

**Table 157 – FCC Maximum Power Spectral Density Results**

| Test Frequency (MHz) | RBW (kHz) | PSD (dBm/3 kHz) |   |   |   |          | Limit (dBm) | Margin (dB) |
|----------------------|-----------|-----------------|---|---|---|----------|-------------|-------------|
|                      |           | A               | B | C | D | $\Sigma$ |             |             |
| 2412 (RU106.53)      | 100.0     | 0.37            | - | - | - | 0.37     | 8.00        | -7.63       |
| 2442 (RU106.53)      | 100.0     | 1.24            | - | - | - | 1.24     | 8.00        | -6.76       |
| 2472 (RU106.54)      | 100.0     | -17.29          | - | - | - | -17.29   | 8.00        | -25.29      |

**Table 158 - ISED Maximum Power Spectral Density Results**



| Test Configuration       |                                                                 |                 |                |
|--------------------------|-----------------------------------------------------------------|-----------------|----------------|
| Frequency Range:         | 2400-2483.5 MHz                                                 | Band:           | 2.4 GHz        |
| Limit Clause(s):         | 15.247 (e)<br>RSS-247 6.3.1 (b)                                 | Test Method(s): | C63.10 11.10.5 |
| Additional Reference(s): | -                                                               |                 |                |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset. |                 |                |

| DUT Configuration         |                                        |                          |      |
|---------------------------|----------------------------------------|--------------------------|------|
| Mode:                     | 802.11be EHT20 RU Size 52 + RU Size 26 | Duty Cycle (%):          | 97.4 |
| Modulation Coding Scheme: | MCS2x1                                 | DCCF (dB):               | 0.12 |
| Antenna Configuration:    | SISO                                   | Peak Antenna Gain (dBi): | 4.10 |
| Active Port(s):           | A (Core 0)                             | Active Chain(s):         | 0    |

| Test Frequency (MHz)              | RBW (kHz) | PSD (dBm/RBW) |   |   |   |        | Limit (dBm/3 kHz) | Margin (dB) |
|-----------------------------------|-----------|---------------|---|---|---|--------|-------------------|-------------|
|                                   |           | A             | B | C | D | Σ      |                   |             |
| 2412 (RU Size 52 + RU Size 26.70) | 100.0     | 1.32          | - | - | - | 1.32   | 8.00              | -6.68       |
| 2442 (RU Size 52 + RU Size 26.70) | 100.0     | 0.84          | - | - | - | 0.84   | 8.00              | -7.16       |
| 2472 (RU Size 52 + RU Size 26.72) | 100.0     | -18.13        | - | - | - | -18.13 | 8.00              | -26.13      |

**Table 159 – FCC Maximum Power Spectral Density Results**

| Test Frequency (MHz)              | RBW (kHz) | PSD (dBm/3 kHz) |   |   |   |        | Limit (dBm) | Margin (dB) |
|-----------------------------------|-----------|-----------------|---|---|---|--------|-------------|-------------|
|                                   |           | A               | B | C | D | Σ      |             |             |
| 2412 (RU Size 52 + RU Size 26.70) | 100.0     | 1.32            | - | - | - | 1.32   | 8.00        | -6.68       |
| 2442 (RU Size 52 + RU Size 26.70) | 100.0     | 0.84            | - | - | - | 0.84   | 8.00        | -7.16       |
| 2472 (RU Size 52 + RU Size 26.72) | 100.0     | -18.13          | - | - | - | -18.13 | 8.00        | -26.13      |

**Table 160 - ISSED Maximum Power Spectral Density Results**