

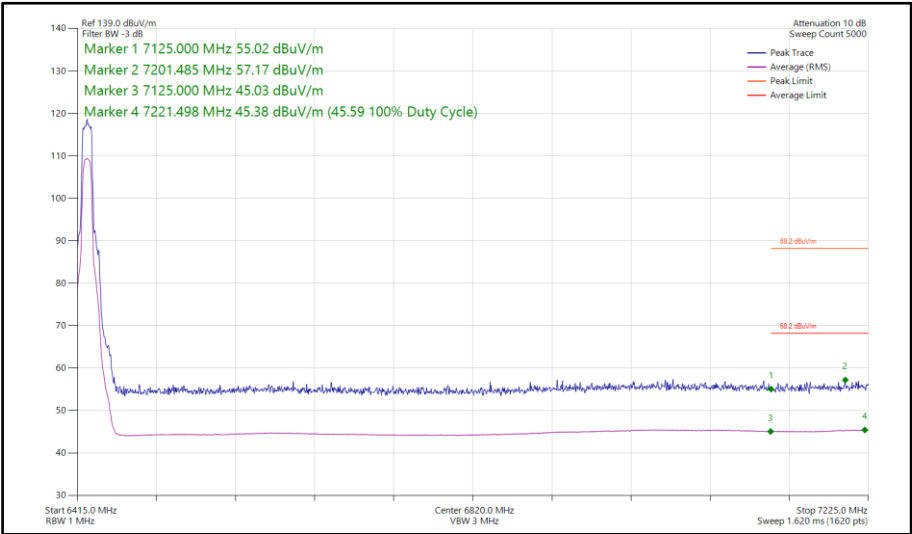


Figure 393 - HDRPL8, SISO, Core 1 - 6425 MHz  
Band Edge Frequency 7125 MHz

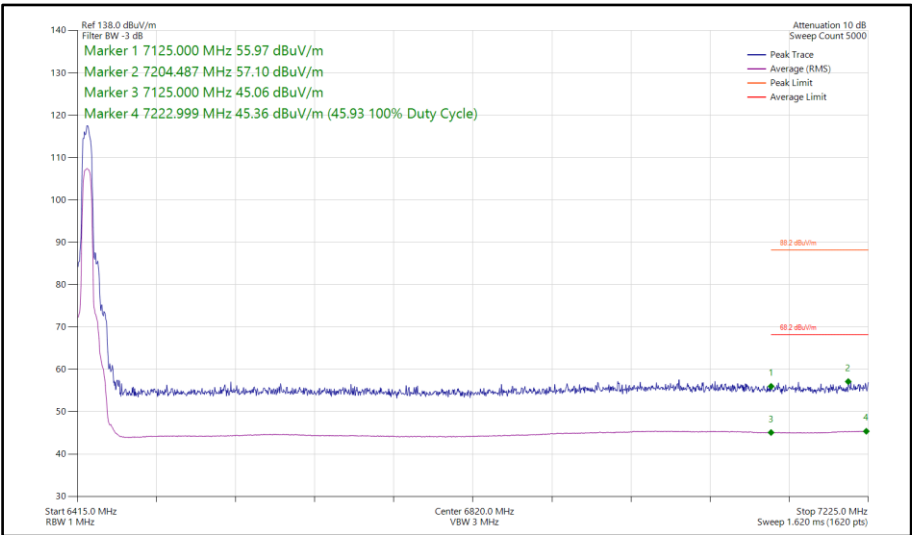


Figure 394 - HDRPL24, SISO, Core 1 - 6425 MHz  
Band Edge Frequency 7125 MHz

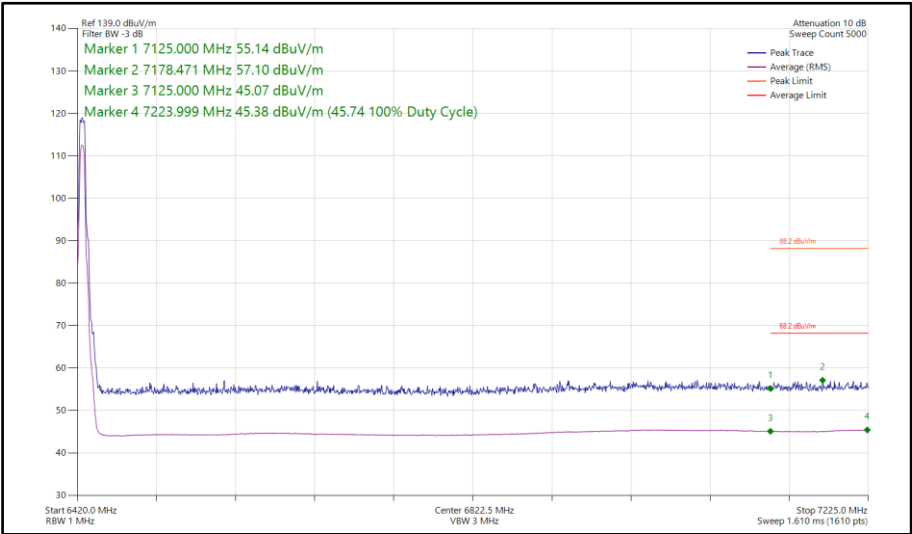


Figure 395 - XHDRPM8, SISO, Core 1 - 6425 MHz  
Band Edge Frequency 7125 MHz

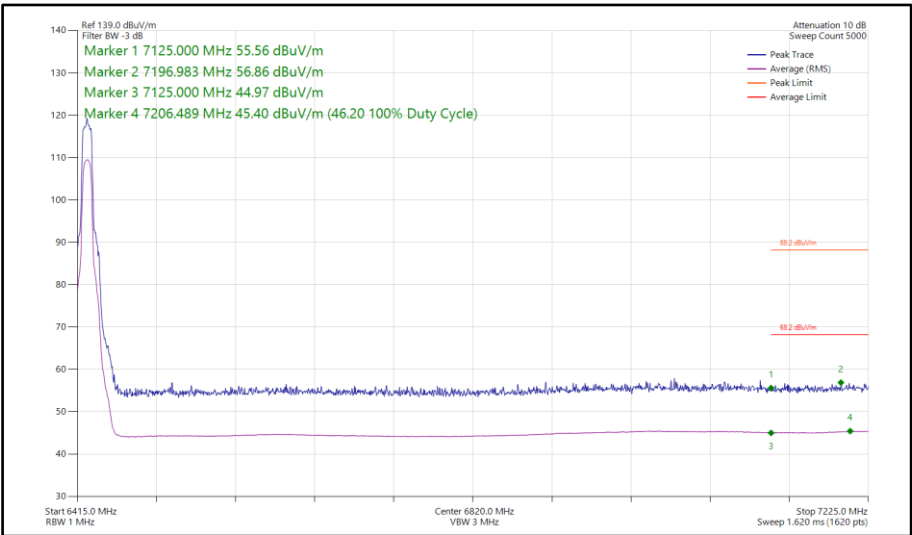


Figure 396 - XHDRPL24, SISO, Core 1 - 6425 MHz  
Band Edge Frequency 7125 MHz



ePA - Core 0-1 (MIMO)

| Mode   | Packet Type | TX Frequency (MHz) | Band Edge Frequency (MHz) | Peak Level (dBμV/m) | Average Level (dBuV/m) |
|--------|-------------|--------------------|---------------------------|---------------------|------------------------|
| Static | DH5         | 6106               | 5925                      | 54.80               | 44.11                  |
| Static | HDR4        | 6106               | 5925                      | 54.85               | 44.00                  |
| Static | HDR8        | 6106               | 5925                      | 55.04               | 44.03                  |
| Static | LE1M        | 6106               | 5925                      | 54.78               | 43.76                  |
| Static | LE2M        | 6106               | 5925                      | 54.70               | 45.19                  |
| Static | HDT3        | 6106               | 5925                      | 54.94               | 43.25                  |
| Static | HDT4        | 6106               | 5925                      | 55.12               | 43.30                  |
| Static | HDT6        | 6106               | 5925                      | 55.17               | 43.39                  |
| Static | HDRPS2      | 6106               | 5925                      | 55.17               | 43.76                  |
| Static | HDRPM12     | 6106               | 5925                      | 55.16               | 43.36                  |
| Static | HDRPL8      | 6106               | 5925                      | 55.00               | 43.21                  |
| Static | HDRPL24     | 6106               | 5925                      | 55.04               | 43.89                  |
| Static | XHDRPM8     | 6106               | 5925                      | 55.55               | 43.77                  |
| Static | XHDRPL24    | 6106               | 5925                      | 55.24               | 44.06                  |
| Static | DH5         | 6425               | 7125                      | 57.45               | 46.62                  |
| Static | HDR4        | 6425               | 7125                      | 57.13               | 46.55                  |
| Static | HDR8        | 6425               | 7125                      | 57.63               | 46.49                  |
| Static | LE1M        | 6425               | 7125                      | 56.98               | 46.13                  |
| Static | LE2M        | 6425               | 7125                      | 57.02               | 47.90                  |
| Static | HDT3        | 6425               | 7125                      | 57.00               | 45.71                  |
| Static | HDT4        | 6425               | 7125                      | 57.19               | 45.73                  |
| Static | HDT6        | 6425               | 7125                      | 57.39               | 45.88                  |
| Static | HDRPS2      | 6425               | 7125                      | 57.04               | 45.78                  |
| Static | HDRPM12     | 6425               | 7125                      | 57.18               | 45.76                  |
| Static | HDRPL8      | 6425               | 7125                      | 57.22               | 45.70                  |
| Static | HDRPL24     | 6425               | 7125                      | 56.76               | 46.01                  |
| Static | XHDRPM8     | 6425               | 7125                      | 57.55               | 45.81                  |
| Static | XHDRPL24    | 6425               | 7125                      | 57.07               | 46.18                  |

**Table 208 - MIMO Authorised Band Edge Results**

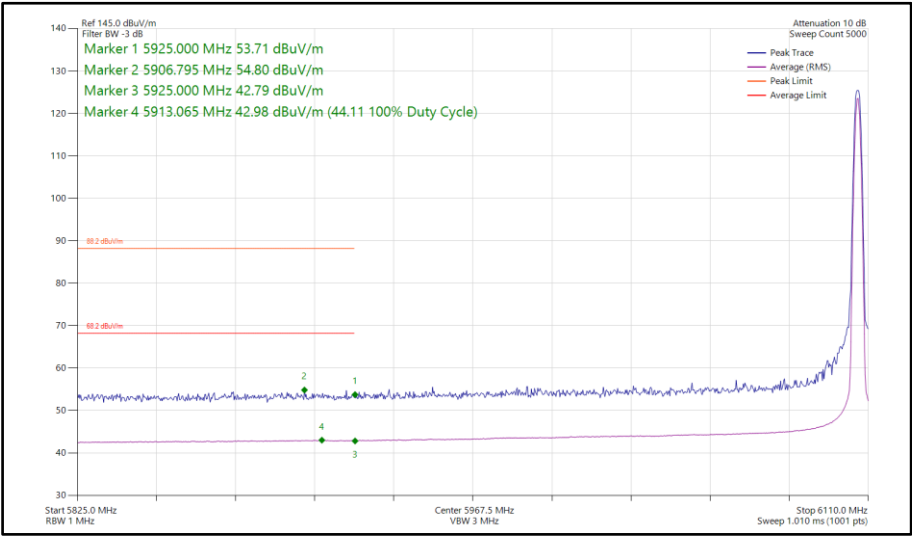


Figure 397 - DH5, MIMO, Core 0-1 - 6106 MHz  
Band Edge Frequency 5925 MHz

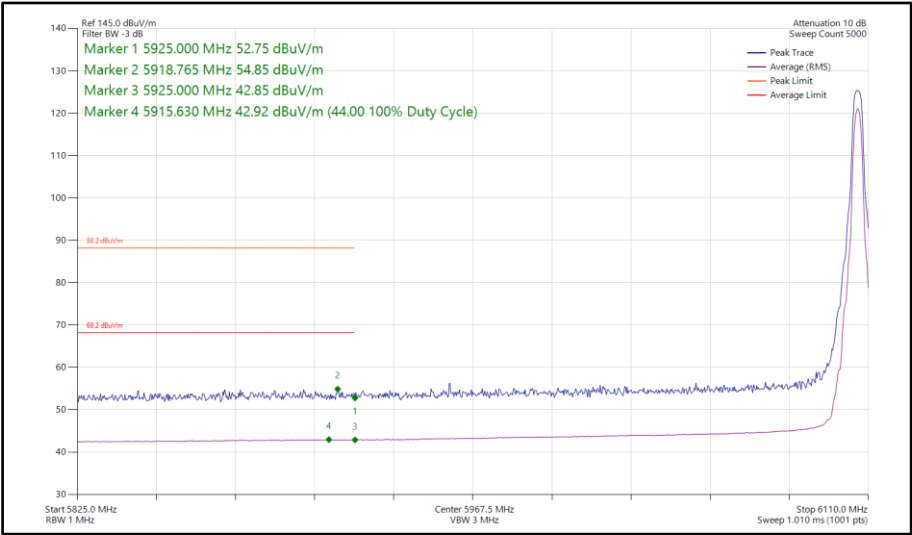


Figure 398 - HDR4, MIMO, Core 0-1 - 6106 MHz  
Band Edge Frequency 5925 MHz

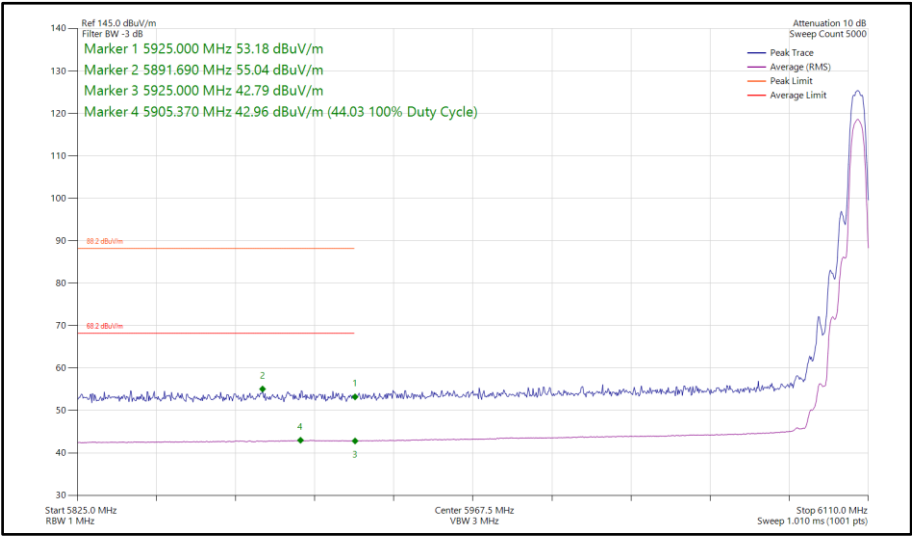


Figure 399 - HDR8, MIMO, Core 0-1 - 6106 MHz  
Band Edge Frequency 5925 MHz

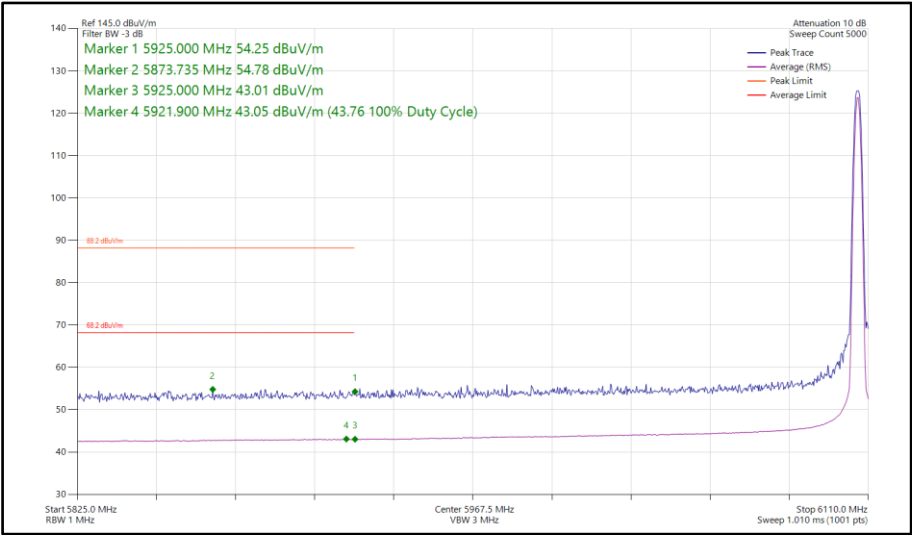


Figure 400 - LE1M, MIMO, Core 0-1 - 6106 MHz  
Band Edge Frequency 5925 MHz

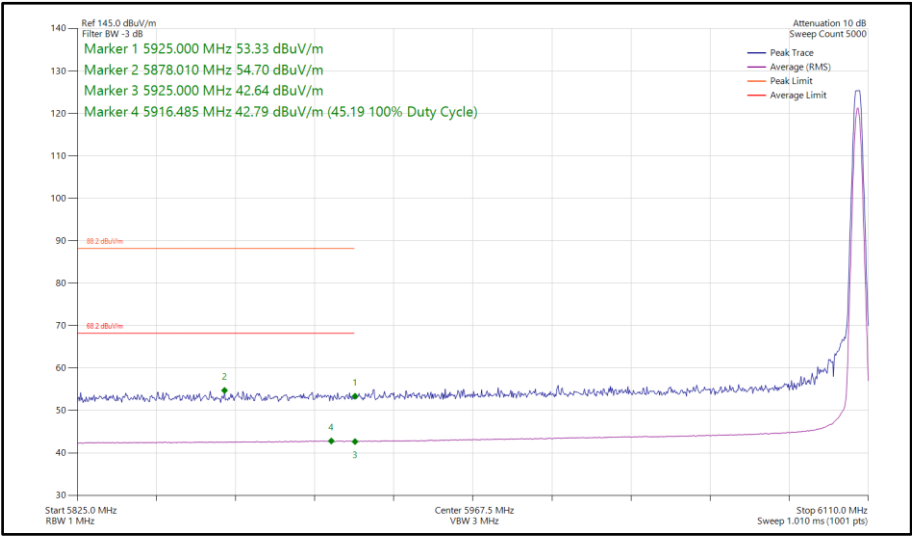


Figure 401 - LE2M, MIMO, Core 0-1 - 6106 MHz  
Band Edge Frequency 5925 MHz

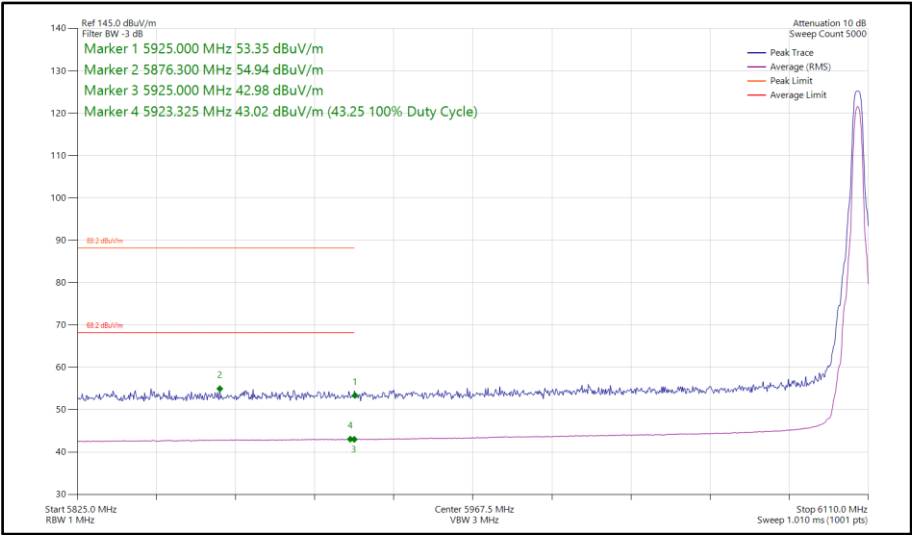


Figure 402 - HDT3, MIMO, Core 0-1 - 6106 MHz  
Band Edge Frequency 5925 MHz

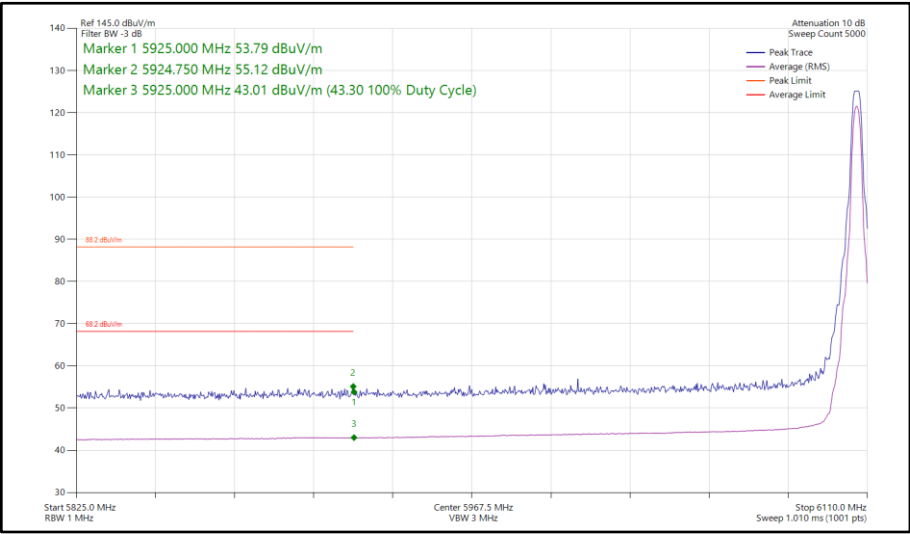


Figure 403 - HDT4, MIMO, Core 0-1 - 6106 MHz  
Band Edge Frequency 5925 MHz

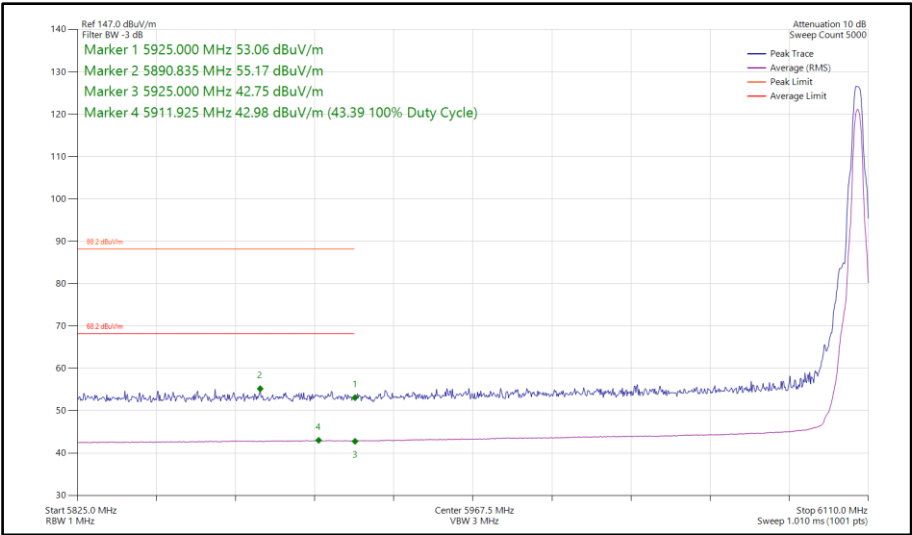


Figure 404 - HDT6, MIMO, Core 0-1 - 6106 MHz  
Band Edge Frequency 5925 MHz

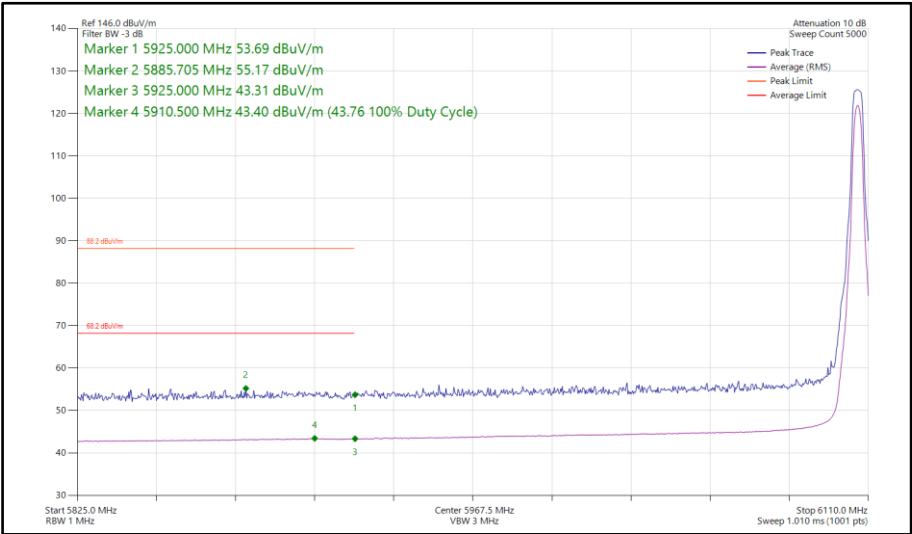


Figure 405 - HDRPS2, MIMO, Core 0-1 - 6106 MHz  
Band Edge Frequency 5925 MHz

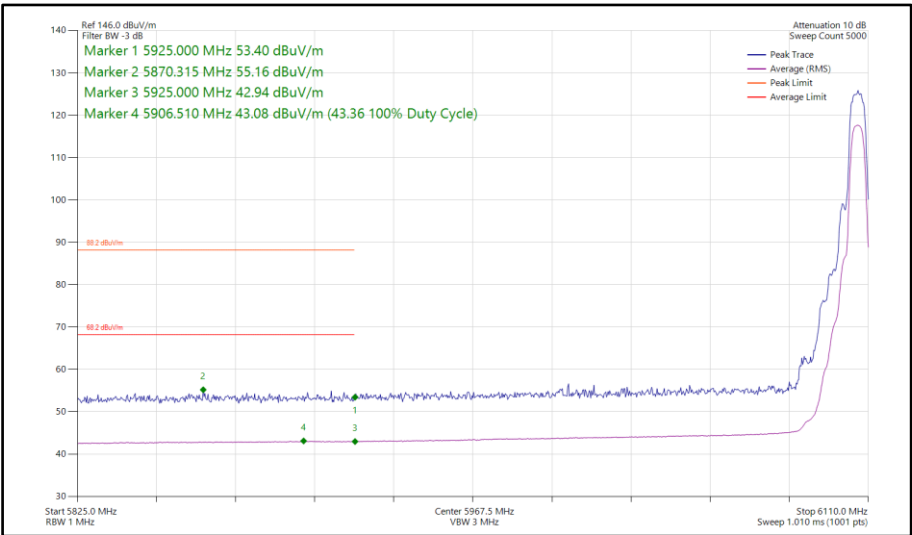


Figure 406 - HDRPM12, MIMO, Core 0-1 - 6106 MHz  
Band Edge Frequency 5925 MHz

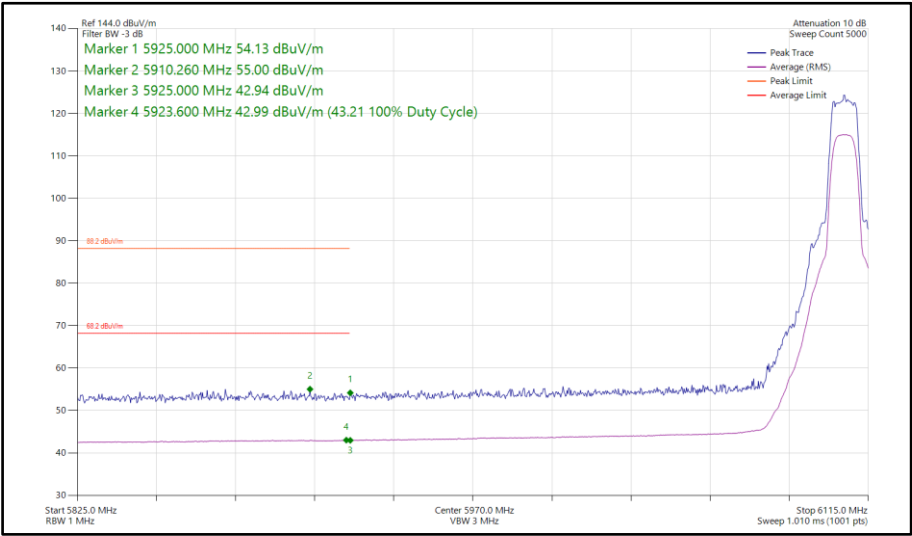


**Figure 407 - HDRPL8, MIMO, Core 0-1 - 6106 MHz  
Band Edge Frequency 5925 MHz**

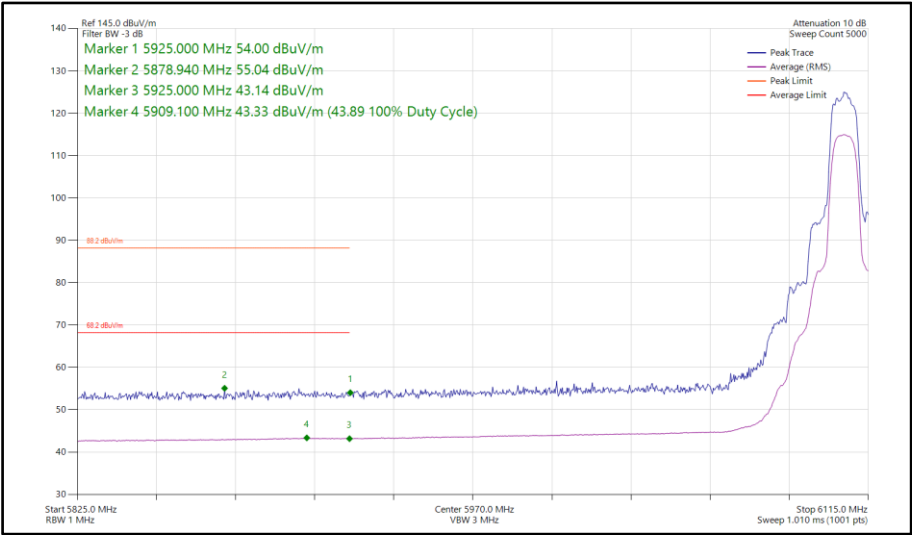


**Figure 408 - HDRPL24, MIMO, Core 0-1 - 6106 MHz  
Band Edge Frequency 5925 MHz**

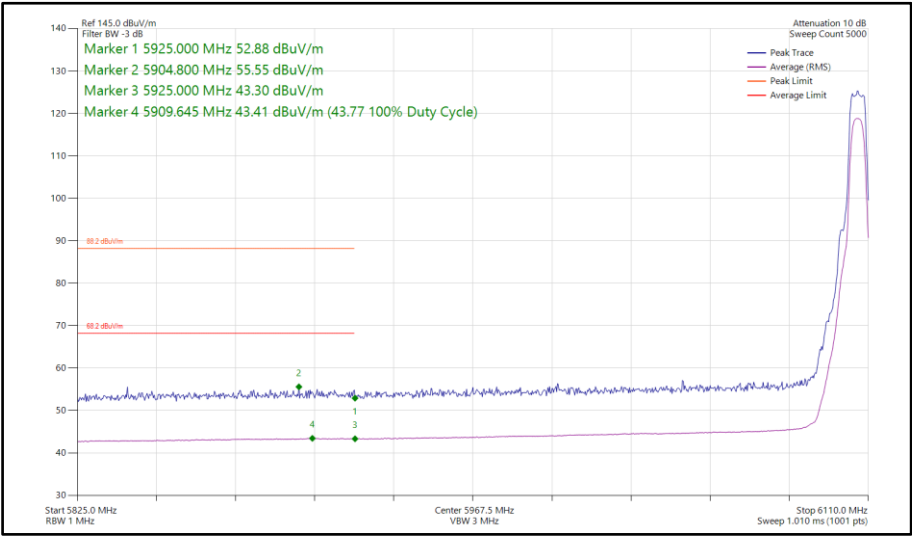


Figure 409 - XHDRPM8, MIMO, Core 0-1 - 6106 MHz  
Band Edge Frequency 5925 MHz

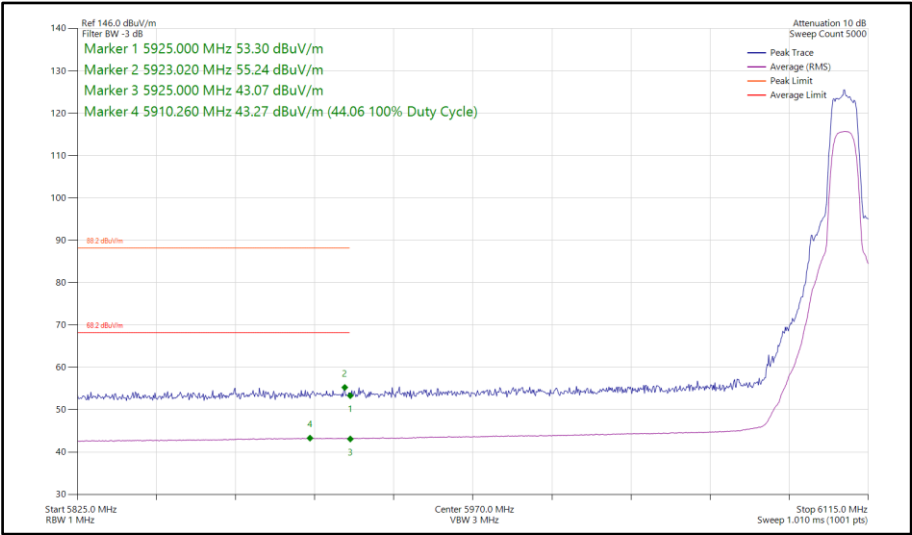


Figure 410 - XHDRPL24, MIMO, Core 0-1 - 6106 MHz  
Band Edge Frequency 5925 MHz

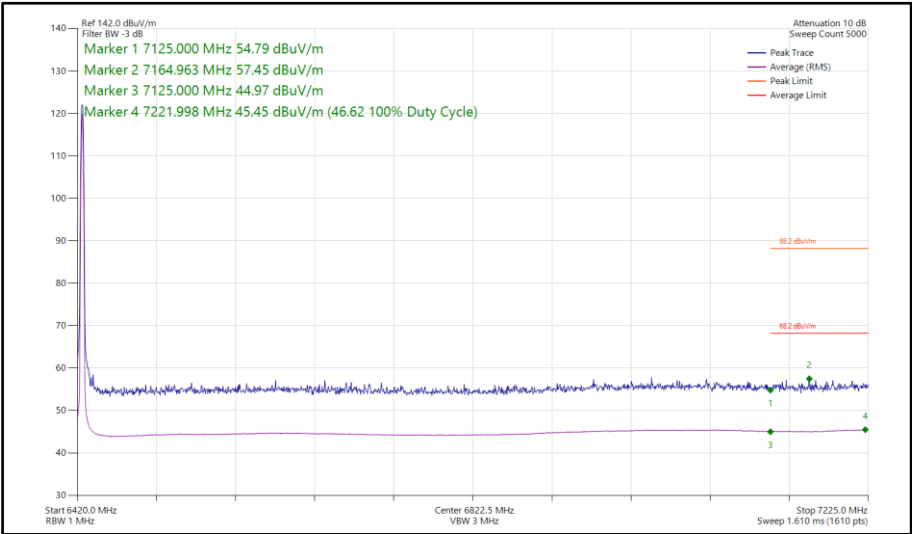


Figure 411 - DH5, MIMO, Core 0-1 - 6425 MHz  
Band Edge Frequency 7125 MHz

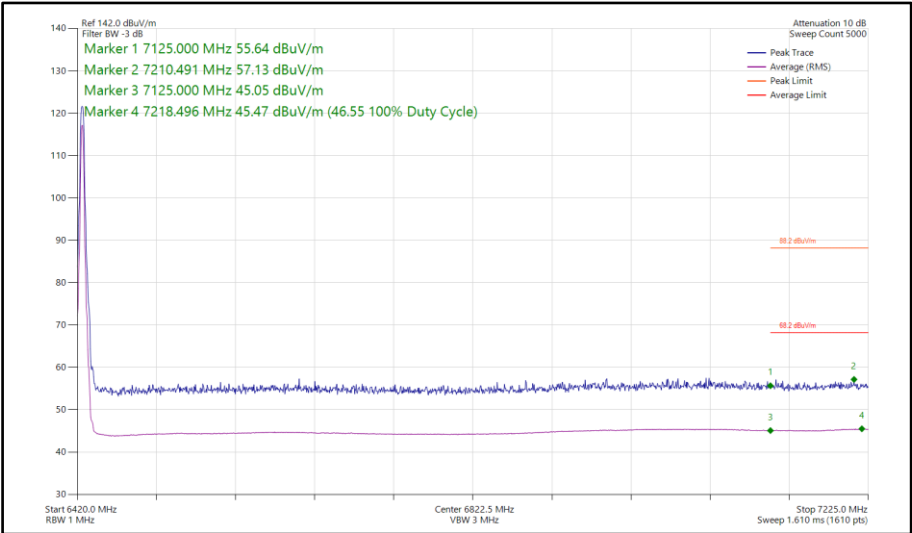


Figure 412 - HDR4, MIMO, Core 0-1 - 6425 MHz  
Band Edge Frequency 7125 MHz

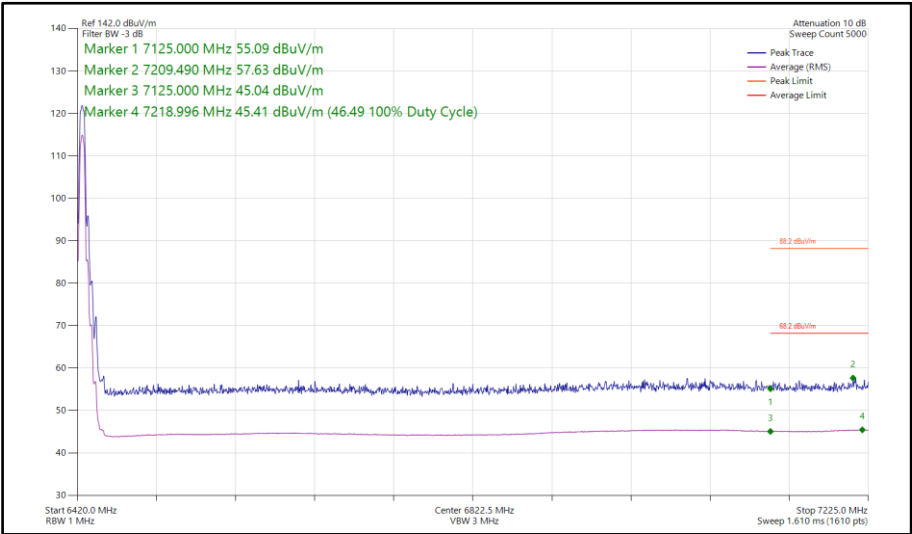


Figure 413 - HDR8, MIMO, Core 0-1 - 6425 MHz  
Band Edge Frequency 7125 MHz

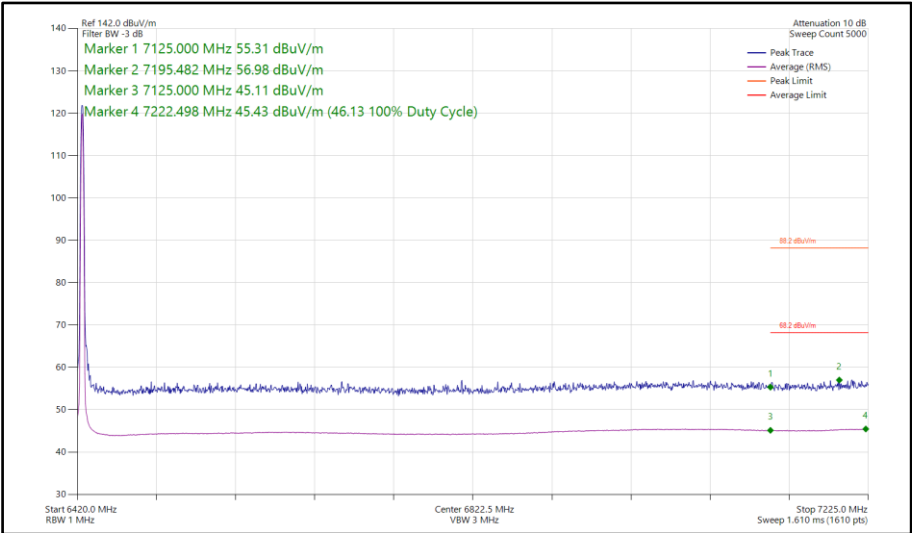


Figure 414 - LE1M, MIMO, Core 0-1 - 6425 MHz  
Band Edge Frequency 7125 MHz

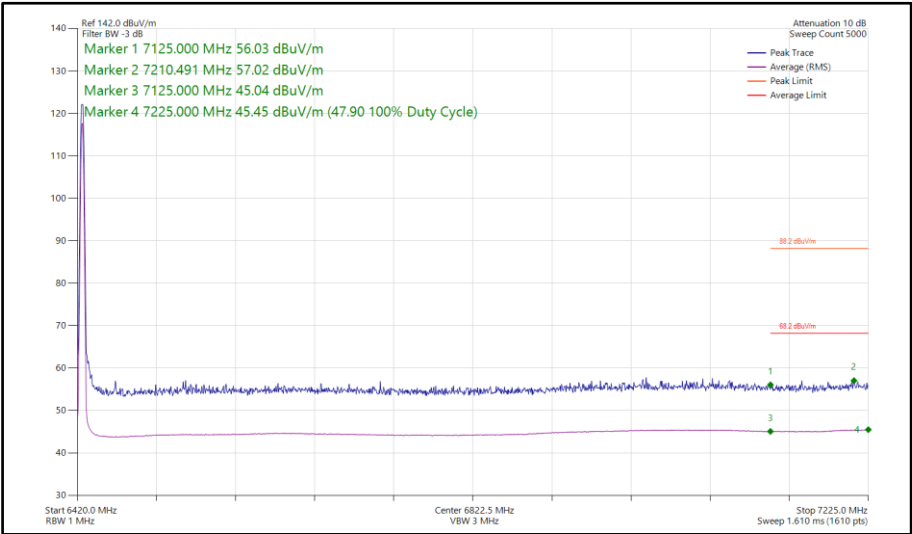


Figure 415 - LE2M, MIMO, Core 0-1 - 6425 MHz  
Band Edge Frequency 7125 MHz

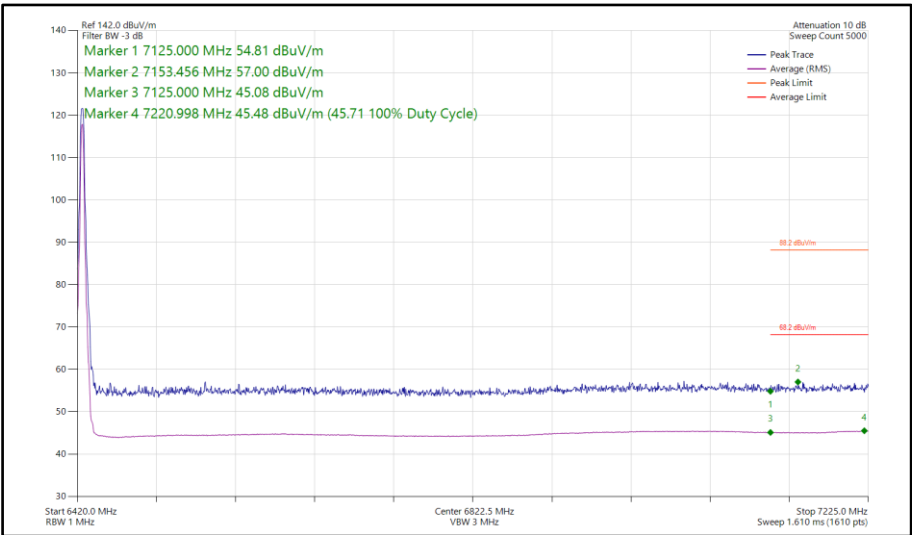


Figure 416 - HDT3, MIMO, Core 0-1 - 6425 MHz  
Band Edge Frequency 7125 MHz

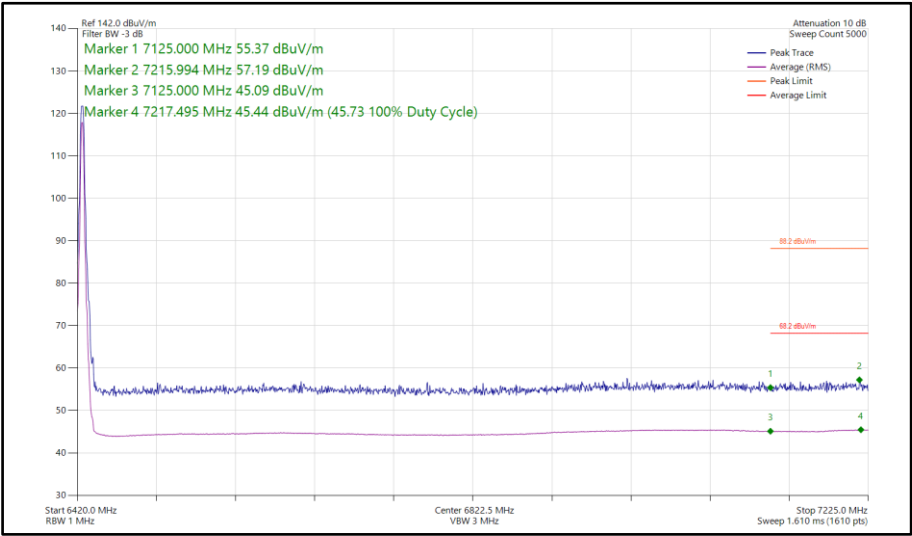


Figure 417 - HDT4, MIMO, Core 0-1 - 6425 MHz  
Band Edge Frequency 7125 MHz

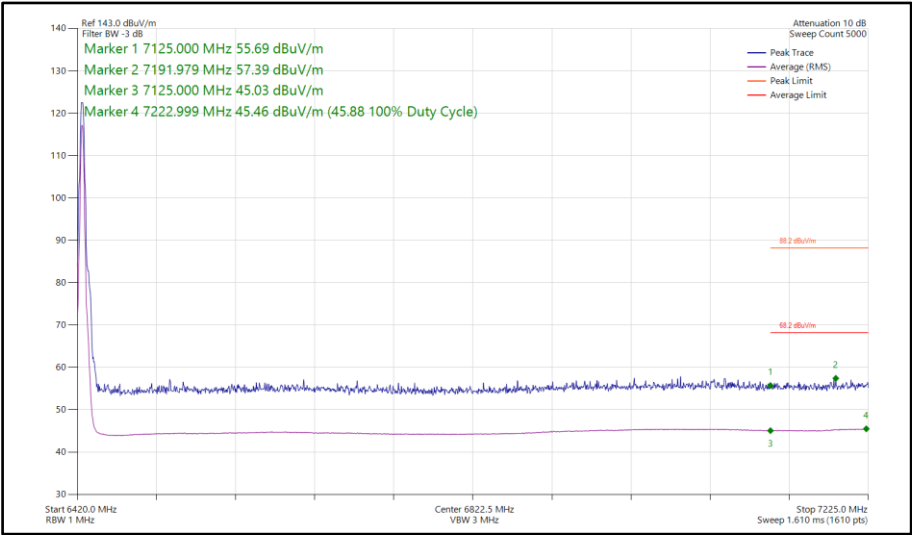


Figure 418 - HDT6, MIMO, Core 0-1 - 6425 MHz  
Band Edge Frequency 7125 MHz

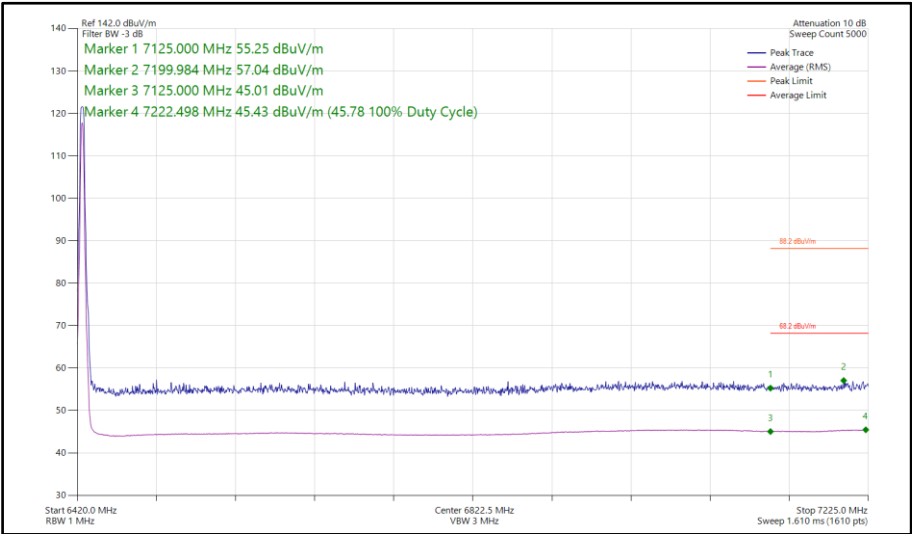


**Figure 419 - HDRPS2, MIMO, Core 0-1 - 6425 MHz  
Band Edge Frequency 7125 MHz**

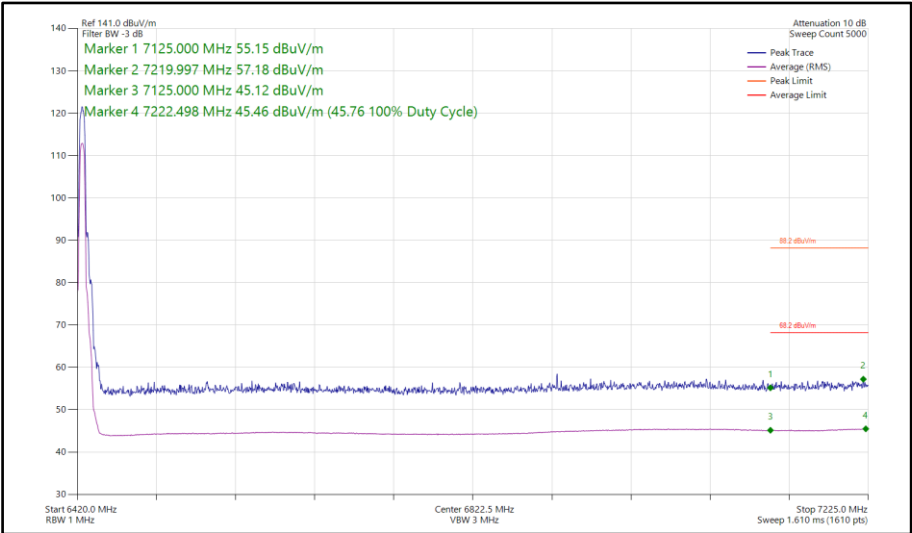


**Figure 420 - HDRPM12, MIMO, Core 0-1 - 6425 MHz  
Band Edge Frequency 7125 MHz**

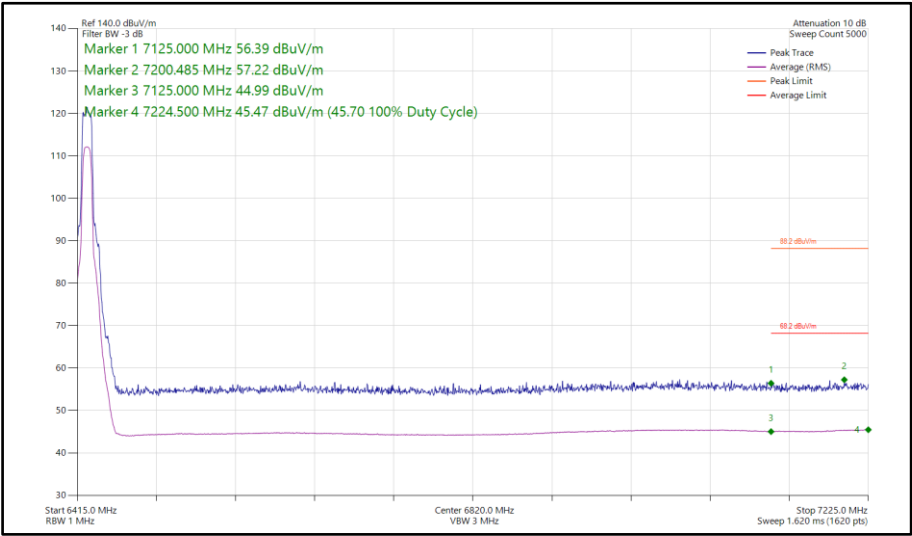


Figure 421 - HDRPL8, MIMO, Core 0-1 - 6425 MHz  
Band Edge Frequency 7125 MHz

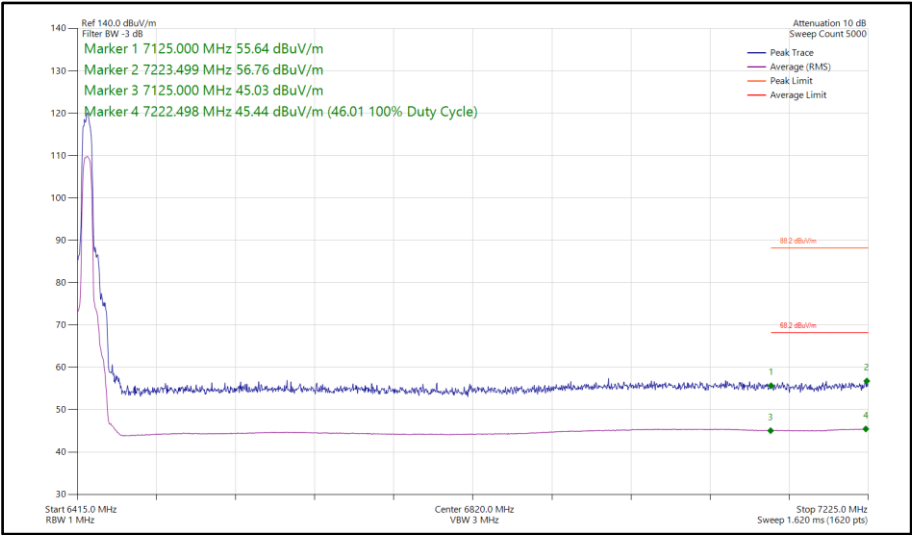


Figure 422 - HDRPL24, MIMO, Core 0-1 - 6425 MHz  
Band Edge Frequency 7125 MHz

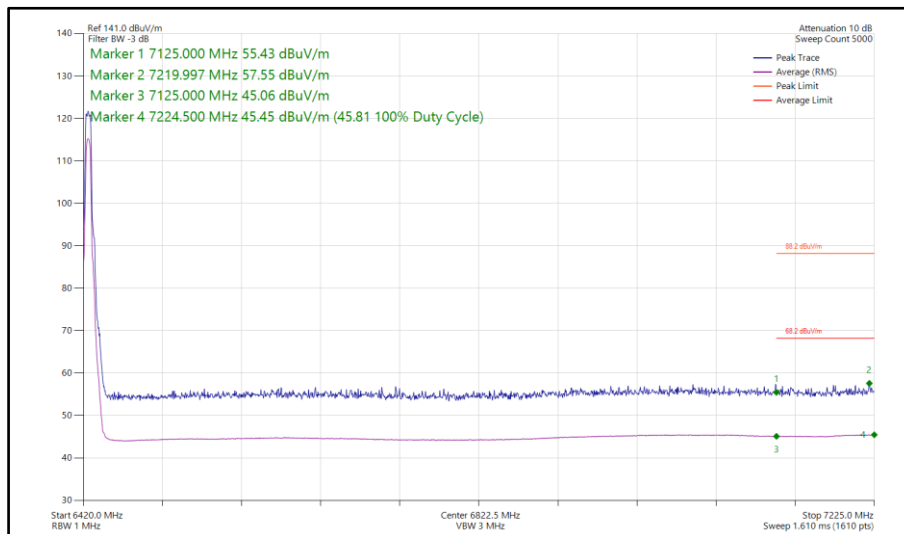


**Figure 423 - XHDRPM8, MIMO, Core 0-1 - 6425 MHz  
Band Edge Frequency 7125 MHz**

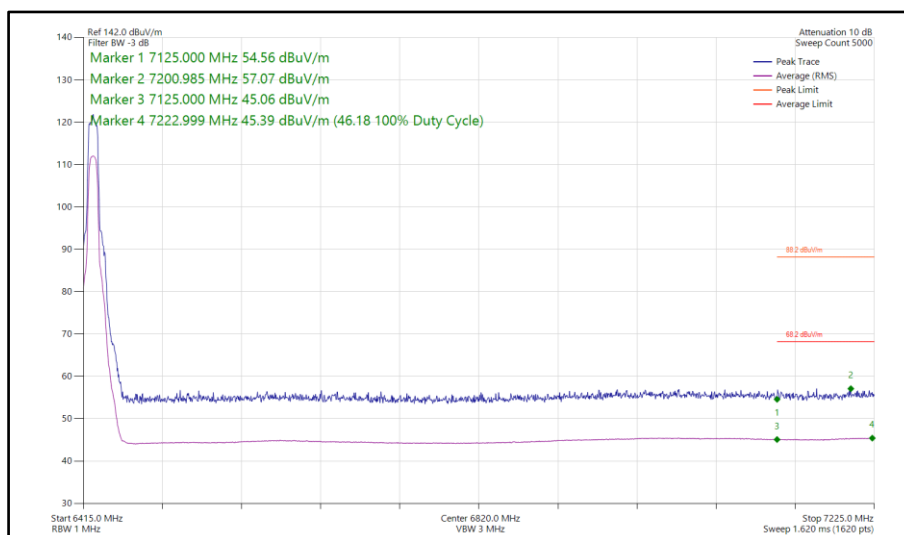


**Figure 424 - XHDRPL24, MIMO, Core 0-1 - 6425 MHz  
Band Edge Frequency 7125 MHz**

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

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

ISED RSS-248, Limit Clause 4.6.2(a)

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



## 2.4.7 Test Location and Test Equipment Used

This test was carried out in RF Chamber 18 & RF Chamber 15

| Instrument                                       | Manufacturer       | Type No.             | TE No. | Calibration Period (months) | Calibration Expiry Date |
|--------------------------------------------------|--------------------|----------------------|--------|-----------------------------|-------------------------|
| Emissions Software                               | TUV SUD            | EmX V3.6.1 V.        | 5125   | -                           | N/A - Software          |
| Test Receiver                                    | Rohde & Schwarz    | ESW44                | 5379   | 12                          | 25-Nov-2026*            |
| Test Receiver                                    | Rohde & Schwarz    | ESW44                | 5911   | 12                          | 29-Oct-2026             |
| Test Receiver                                    | Rohde & Schwarz    | ESW44                | 5914   | 12                          | 17-Jun-2026             |
| 1500W (300V 12A) AC Power Supply                 | iTech              | IT7324               | 5956   | -                           | O/P Mon                 |
| Mast & Turntable Controller                      | Maturo Gmbh        | FCU3.0               | 5960   | -                           | TU                      |
| Tilt Antenna Mast                                | Maturo Gmbh        | BAM4.5-P             | 5961   | -                           | TU                      |
| 5m Semi-Anechoic Chamber (Dual-Axis), Chamber 15 | Albatross Projects | RF Chamber 15        | 5963   | 36                          | 23-Apr-2028             |
| 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 | 5996   | 12                          | 23-May-2026             |
| Cable (SMA to SMA 1m)                            | Junkosha           | MWX221-01000AMSAMS/A | 6007   | 12                          | 06-Jun-2026             |
| Horn Antenna (1-10 GHz)                          | Schwarzbeck        | BBHA9120B            | 6141   | 12                          | 14-Sep-2026             |
| SAC Switch Unit                                  | TUV SUD            | TUV_SSU_001          | 6144   | 12                          | 05-Dec-2026             |
| Digital Multimeter                               | Fluke              | 115                  | 6145   | 12                          | 06-Jun-2026             |
| Digital Multimeter                               | Fluke              | 115                  | 6146   | 12                          | 05-Jun-2026             |
| Humidity & Temperature meter                     | R.S Components     | 1364                 | 6148   | 12                          | 28-Aug-2026             |
| USB Spectrum Analyser                            | Signal Hound       | SA124B               | 6295   | -                           | TU                      |
| USB Spectrum Analyser                            | Signal Hound       | SA124B               | 6297   | -                           | TU                      |
| 1m Coaxial Cable Assy                            | Junkosha           | MWX221-01000AMSAMS/A | 6354   | 12                          | 15-Apr-2026             |
| Humidity and Temperature Meter                   | R.S Components     | 1364                 | 6486   | 12                          | 01-Jul-2026             |
| 3m Semi-Anechoic Chamber                         | Albatross Projects | Chamber 18           | 6597   | 36                          | 08-May-2028             |
| 1m Cable                                         | Junkosha           | MWX241-01000AMSAMS/B | 6740   | 12                          | 27-Apr-2026             |
| Turntable                                        | Maturo Gmbh        | TT1.5SI              | 6797   | -                           | TU                      |
| AC Programmable Power Supply                     | iTech              | IT7324               | 6812   | -                           | O/P Mon                 |
| Broad-Band Horn Antenna 1-10GHz N                | Schwarzbeck        | BBHA9120B            | 6825   | 12                          | 14-Sep-2026             |
| 8M SMA Cable                                     | Junkosha           | MWX221-08000AMSAMS/B | 6833   | 12                          | 18-Aug-2026             |



| Instrument                           | Manufacturer  | Type No.             | TE No. | Calibration Period (months) | Calibration Expiry Date |
|--------------------------------------|---------------|----------------------|--------|-----------------------------|-------------------------|
| 8m SMA-Type Cable                    | Junkosha      | MWX221-08000AMSAMS/B | 6850   | 12                          | 23-Oct-2026             |
| 8m SMA-Type Cable                    | Junkosha      | MWX221-08000AMSAMS/B | 6851   | 12                          | 06-Nov-2026*            |
| Cable Assembly                       | Pasternack    | PE300-60             | 6856   | -                           | TU                      |
| Cable Assembly                       | Pasternack    | PE300-60             | 6861   | -                           | TU                      |
| Cable Assembly                       | Pasternack    | PE300-60             | 6862   | -                           | TU                      |
| Cable Assembly                       | Pasternack    | PE300-60             | 6863   | -                           | TU                      |
| Cable Assembly                       | Pasternack    | PE300-60             | 6868   | -                           | TU                      |
| SAC Switch Unit                      | TUV SUD       | TUV_SSU_004 PLC      | 6886   | 12                          | 02-Dec-2026             |
| RF Amplifier BROADBAND AMPL/SMA/RoHS | Mini-Circuits | ZX60-83LN12+         | 6975   | 12                          | 05-Apr-2026             |
| RF Amplifier BROADBAND AMPL/SMA/RoHS | Mini-Circuits | ZX60-83LN12+         | 6976   | 12                          | 05-Apr-2026             |

**Table 209**

TU - Traceability Unscheduled

O/P Mon - Output Monitored using calibrated equipment

\*Equipment was only employed during its calibration period.



## **2.5 Spurious Radiated Emissions**

### **2.5.1 Specification Reference**

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

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

A3426, S/N: MM20HYW2Y6 - Modification State 0  
A3426, S/N: MXDF7Q597J - Modification State 0

### **2.5.3 Date of Test**

17-December-2025 to 23-December-2025

### **2.5.4 Test Method**

Testing 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.

Measurements were undertaken from 30 MHz to 40 GHz on Channel 6186 MHz in DH5 and LE1M modes, and from 1 GHz to 18 GHz on all other channels during tests in DH5 mode. Tests on all other modes and channels were then limited to 1 GHz to 18 GHz. Tests were conducted in the frequency range and on the channels specified by the manufacturer, ensuring coverage of the worst-case operating modes.

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

The following conversion can be applied to convert from dBuV/m to uV/m:

$10^{(\text{Field Strength in dBuV/m}/20)}$ .

EIRP was converted to field strength at 3m using the following formula:

Field Strength (dBuV/m at 3 m) = EIRP (dBm) + 95.2 dB

## 2.5.5 Example Test Setup Diagram

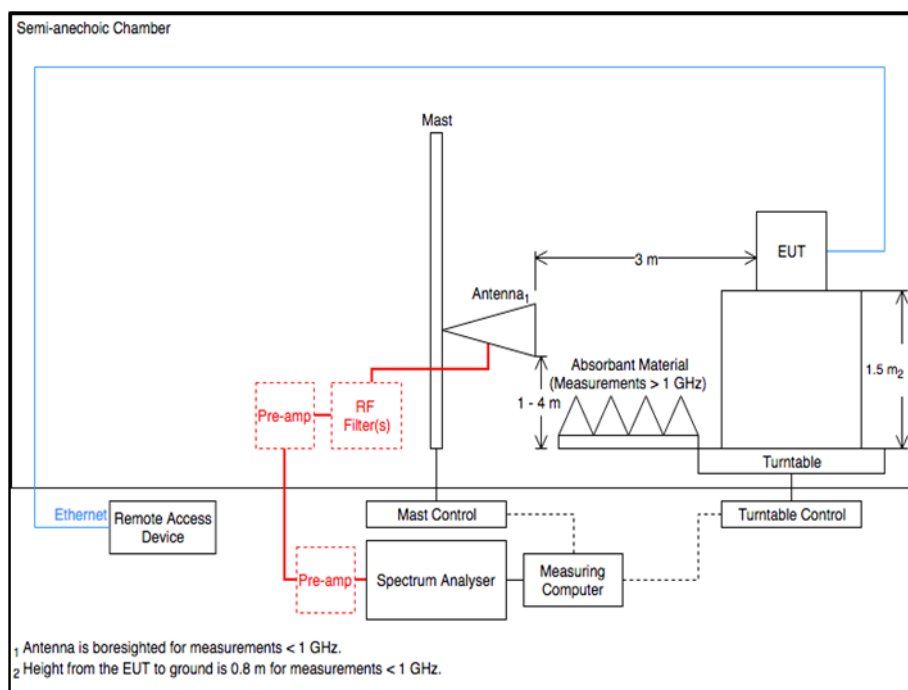


Figure 425 - Radiated Emissions Test Setup Diagram

## 2.5.6 Environmental Conditions

|                     |                |
|---------------------|----------------|
| Ambient Temperature | 21.6 - 23.8 °C |
| Relative Humidity   | 35.1 - 45.4 %  |



2.5.7 Test Results

Narrowband

| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------|----------------|-------------|----------|-----------|-------------|--------------|
| 4211.903        | 35.24          | 54.00          | -18.76      | RMS      | 337       | 319         | Vertical     |
| 5452.744        | 35.37          | 54.00          | -18.63      | RMS      | 315       | 386         | Vertical     |
| 5459.477        | 35.43          | 54.00          | -18.57      | RMS      | 58        | 300         | Horizontal   |

Table 210 - 6106 MHz, DH5, iPA, Core 0 + Core 1, 1 GHz to 26 GHz

No other emissions found within 20 dB of the limit.

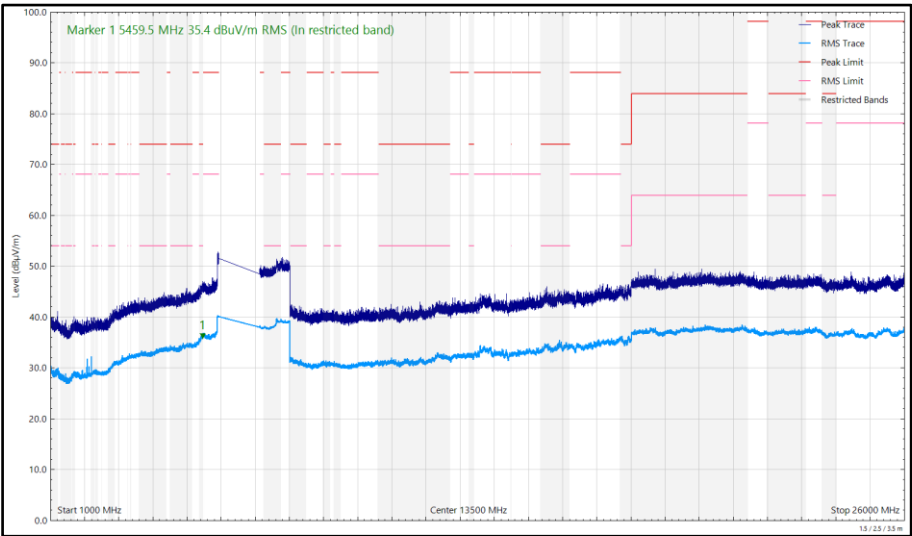


Figure 426 - 6106 MHz, DH5, iPA, Core 0 + Core 1, 1 GHz to 26 GHz, Horizontal

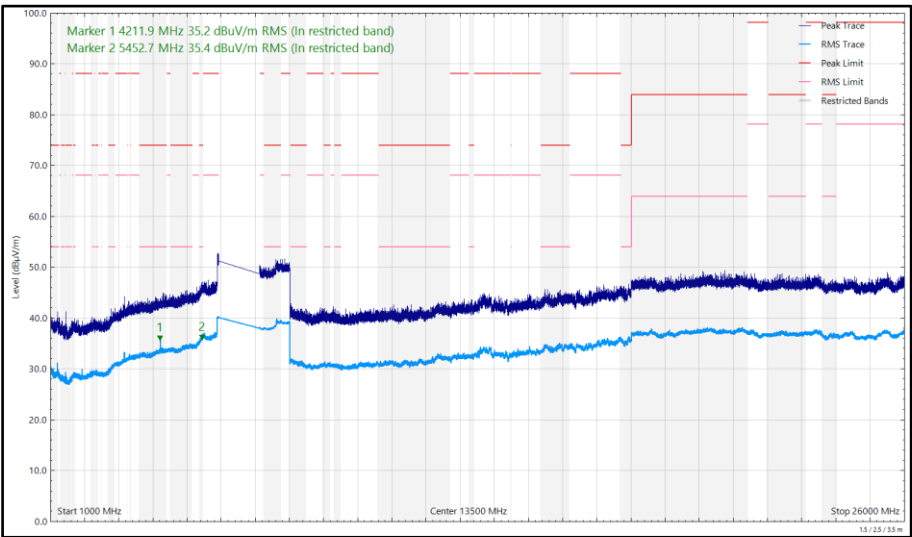


Figure 427 - 6106 MHz, DH5, iPA, Core 0 + Core 1, 1 GHz to 26 GHz, Vertical

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------------|----------------------|-------------|----------|-----------|-------------|--------------|
| 30.149          | 27.42                | 40.00                | -12.58      | Q-Peak   | 251       | 105         | Vertical     |
| 81.802          | 19.07                | 40.00                | -20.93      | Q-Peak   | 342       | 400         | Horizontal   |
| 83.620          | 24.69                | 40.00                | -15.31      | Q-Peak   | 168       | 100         | Vertical     |
| 128.845         | 19.92                | 43.50                | -23.58      | Q-Peak   | 340       | 243         | Horizontal   |
| 300.886         | 21.54                | 46.00                | -24.46      | Q-Peak   | 101       | 358         | Horizontal   |
| 4213.802        | 32.60                | 54.00                | -21.40      | RMS      | 303       | 234         | Vertical     |
| 5449.556        | 35.49                | 54.00                | -18.51      | RMS      | 200       | 126         | Horizontal   |
| 5458.582        | 35.38                | 54.00                | -18.62      | RMS      | 192       | 378         | Vertical     |

**Table 211 - 6186 MHz, DH5, iPA, Core 0 + Core 1, 30 MHz to 40 GHz**

No other emissions found within 20 dB of the limit.

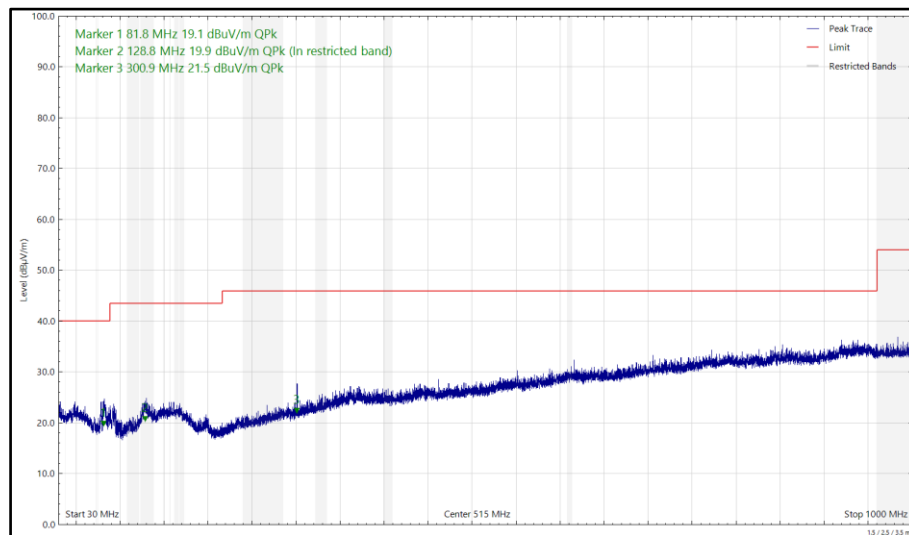


**Figure 428 - 6186 MHz, DH5, iPA, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)**

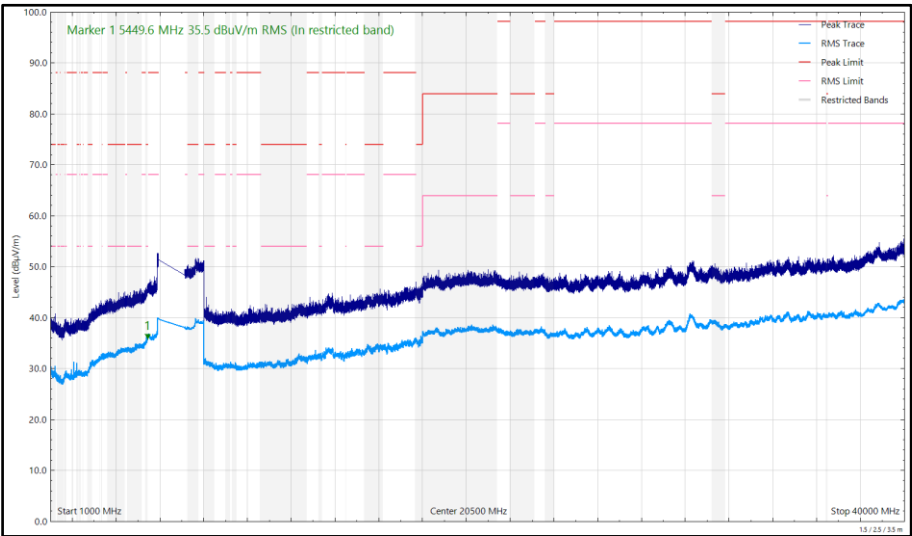


Figure 429 - 6186 MHz, DH5, iPA, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

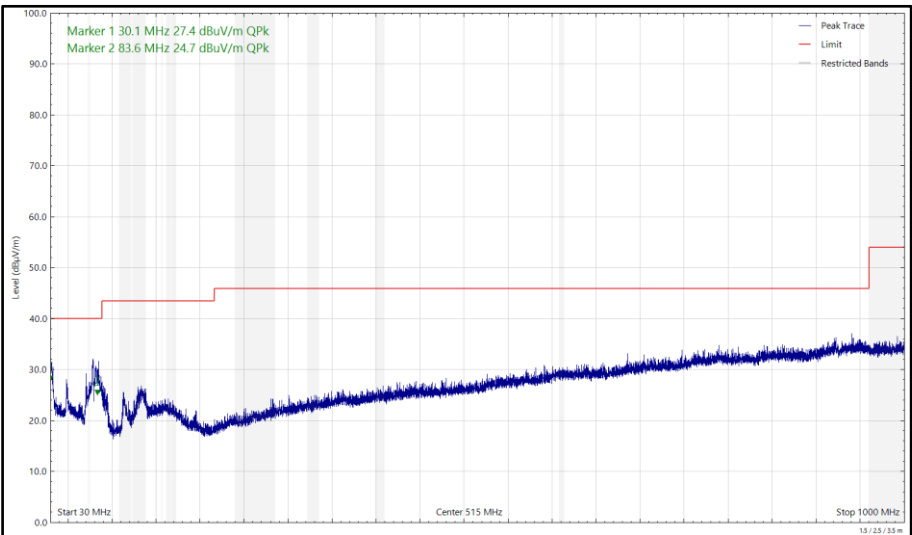


Figure 430 - 6186 MHz, DH5, iPA, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

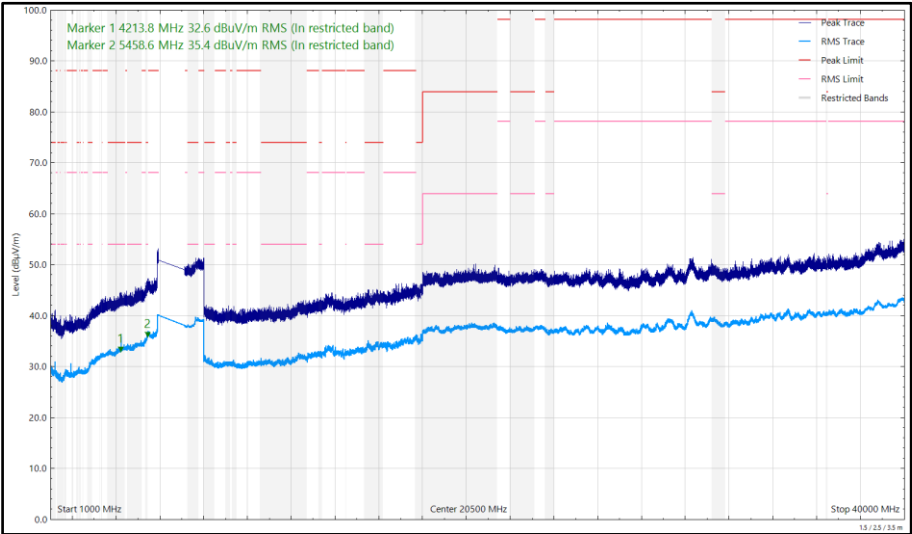


Figure 431 - 6186 MHz, DH5, iPA, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

| Frequency (MHz) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------|----------------|-------------|----------|-----------|-------------|--------------|
| 4211.854        | 32.72          | 54.00          | -21.28      | RMS      | 10        | 194         | Vertical     |
| 5455.314        | 35.42          | 54.00          | -18.58      | RMS      | 307       | 217         | Horizontal   |
| 5458.103        | 35.40          | 54.00          | -18.60      | RMS      | 190       | 100         | Vertical     |

**Table 212 - 6425 MHz, DH5, iPA, Core 0 + Core 1, 1 GHz to 26 GHz**

No other emissions found within 20 dB of the limit.

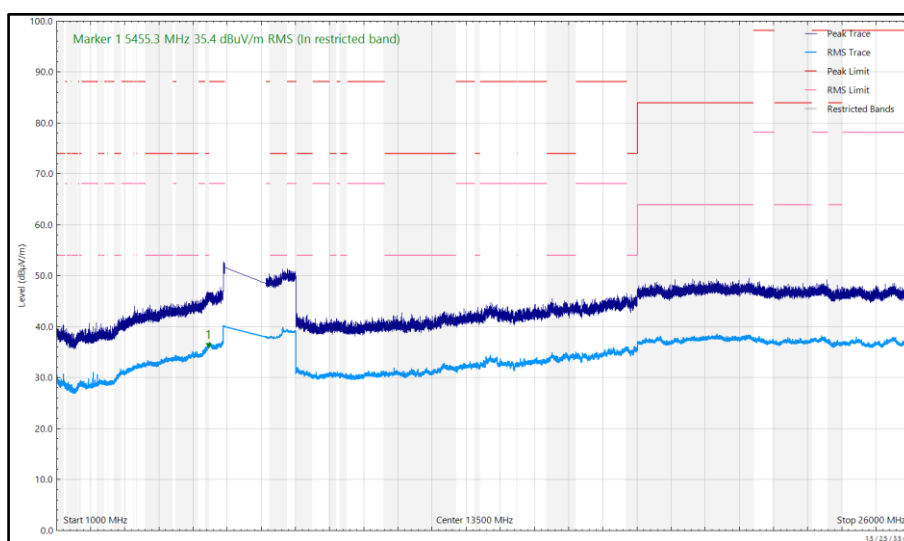


**Figure 432 - 6425 MHz, DH5, iPA, Core 0 + Core 1, 1 GHz to 26 GHz, Horizontal**

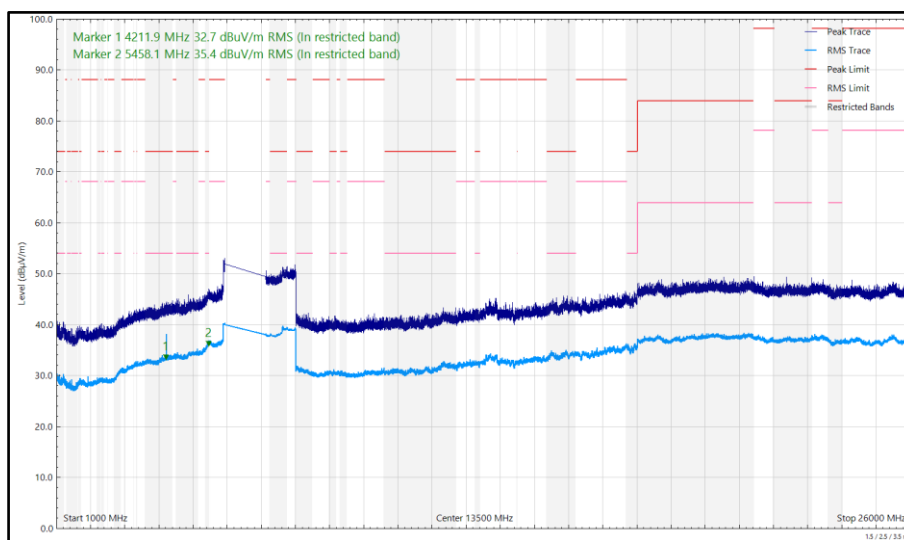


**Figure 433 - 6425 MHz, DH5, iPA, Core 0 + Core 1, 1 GHz to 26 GHz, Vertical**



| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------|----------------|-------------|----------|-----------|-------------|--------------|
| 5454.646        | 35.42          | 54.00          | -18.58      | RMS      | 239       | 284         | Horizontal   |
| 5459.444        | 37.58          | 54.00          | -16.42      | RMS      | 3         | 298         | Vertical     |
| 12211.900       | 33.77          | 54.00          | -20.23      | RMS      | 86        | 273         | Horizontal   |

Table 213 - 6106 MHz, DH5, ePA, Core 0 + Core 1, 1 GHz to 26 GHz

No other emissions found within 20 dB of the limit.

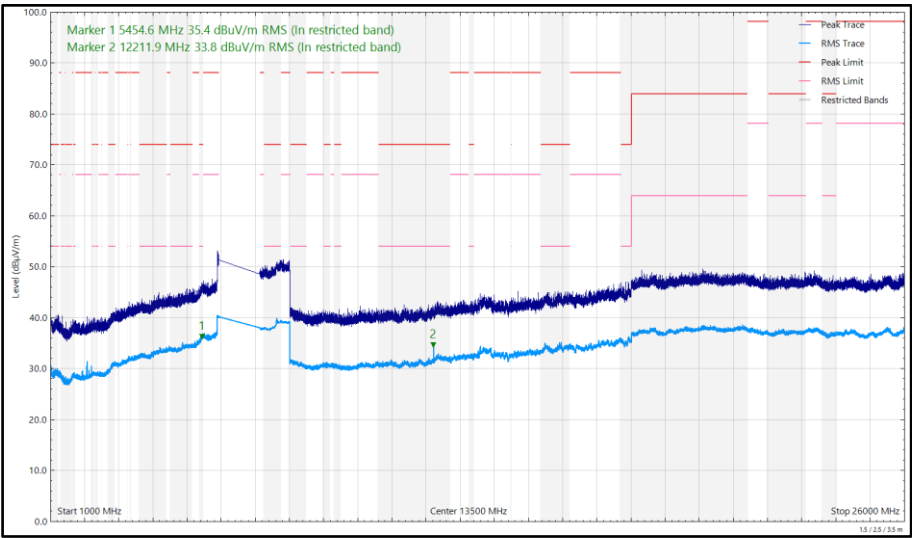


Figure 434 - 6106 MHz, DH5, ePA, Core 0 + Core 1, 1 GHz to 26 GHz, Horizontal

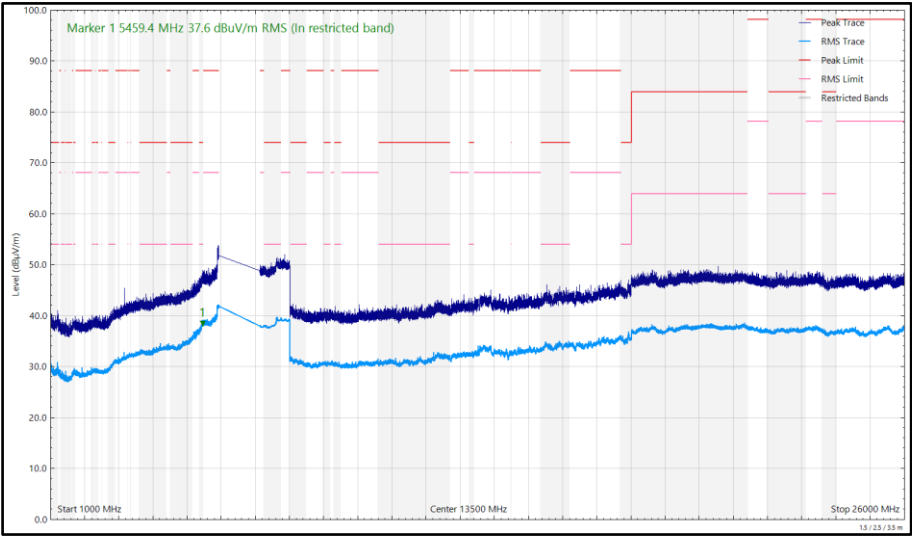


Figure 435 - 6106 MHz, DH5, ePA, Core 0 + Core 1, 1 GHz to 26 GHz, Vertical

| Frequency (MHz) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------|----------------|-------------|----------|-----------|-------------|--------------|
| 30.070          | 26.35          | 40.00          | -13.65      | Q-Peak   | 133       | 112         | Vertical     |
| 77.876          | 17.24          | 40.00          | -22.76      | Q-Peak   | 106       | 316         | Horizontal   |
| 83.787          | 22.24          | 40.00          | -17.76      | Q-Peak   | 152       | 109         | Vertical     |
| 130.924         | 19.80          | 43.50          | -23.70      | Q-Peak   | 342       | 395         | Horizontal   |
| 137.621         | 21.00          | 43.50          | -22.50      | Q-Peak   | 273       | 107         | Vertical     |
| 303.245         | 21.16          | 46.00          | -24.84      | Q-Peak   | 356       | 400         | Horizontal   |
| 4211.854        | 35.35          | 54.00          | -18.65      | RMS      | 337       | 313         | Vertical     |
| 5455.788        | 35.46          | 54.00          | -18.54      | RMS      | 261       | 324         | Horizontal   |
| 5459.910        | 37.16          | 54.00          | -16.84      | RMS      | 350       | 313         | Vertical     |

**Table 214 - 6186 MHz, DH5, ePA, Core 0 + Core 1, 30 MHz to 40 GHz**

No other emissions found within 20 dB of the limit.

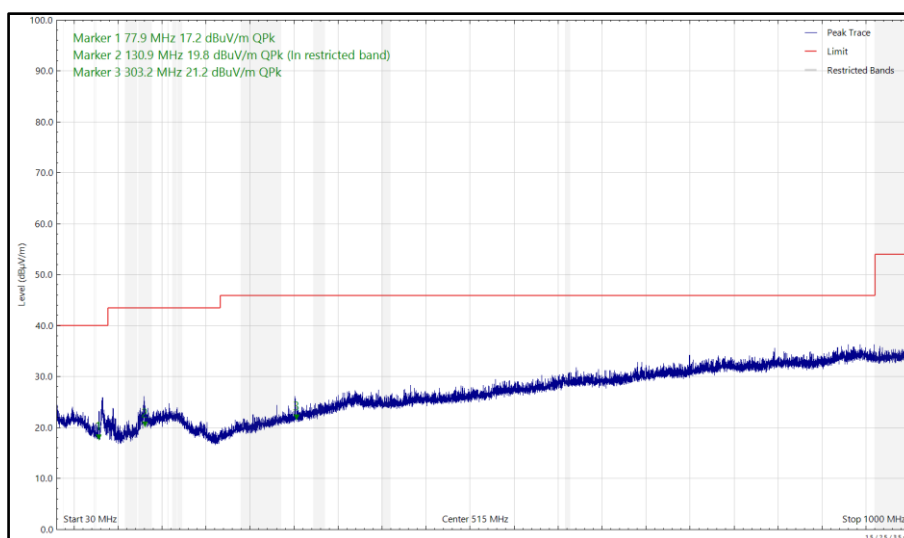


**Figure 436 - 6186 MHz, DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)**

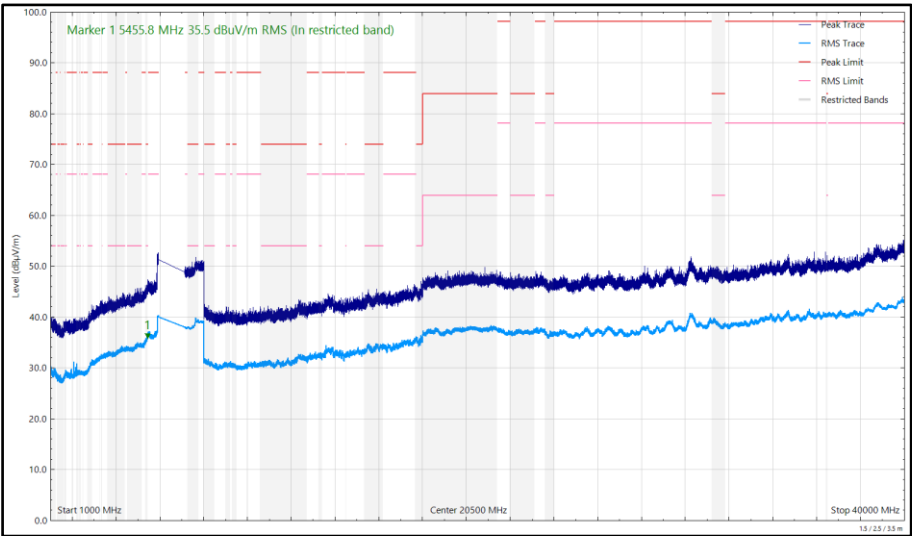


Figure 437 - 6186 MHz, DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

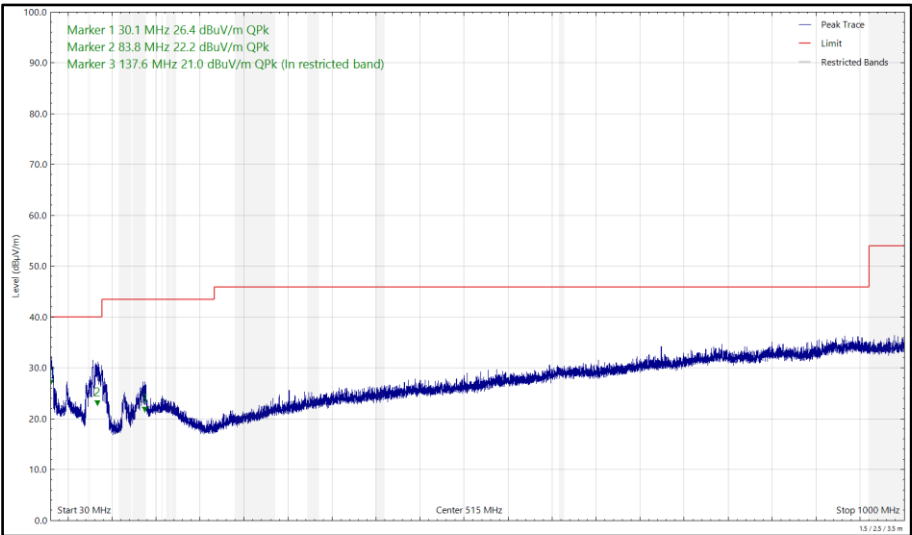


Figure 438 - 6186 MHz, DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

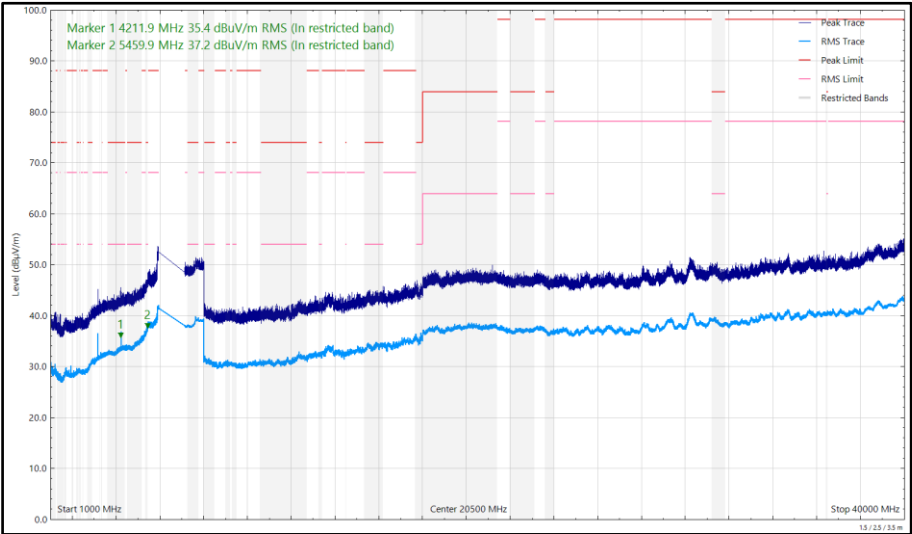


Figure 439 - 6186 MHz, DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------------|----------------------|-------------|----------|-----------|-------------|--------------|
| 4210.247        | 32.56                | 54.00                | -21.44      | RMS      | 69        | 154         | Vertical     |
| 4818.708        | 37.45                | 54.00                | -16.55      | RMS      | 0         | 333         | Vertical     |
| 5456.831        | 36.87                | 54.00                | -17.13      | RMS      | 0         | 349         | Vertical     |
| 5459.428        | 35.52                | 54.00                | -18.48      | RMS      | 360       | 105         | Horizontal   |

**Table 215 - 6425 MHz, DH5, ePA, Core 0 + Core 1, 1 GHz to 26 GHz**

No other emissions found within 20 dB of the limit.

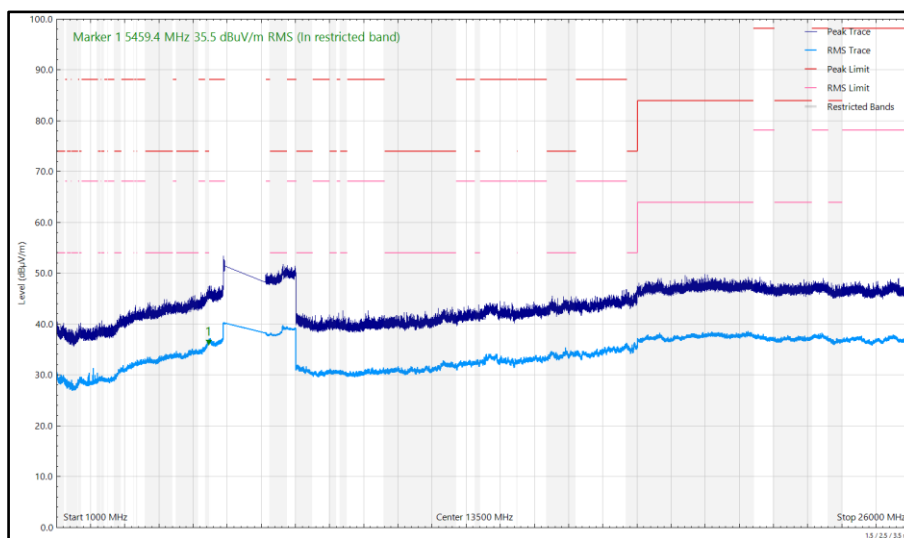


**Figure 440 - 6425 MHz, DH5, ePA, Core 0 + Core 1, 1 GHz to 26 GHz, Horizontal**

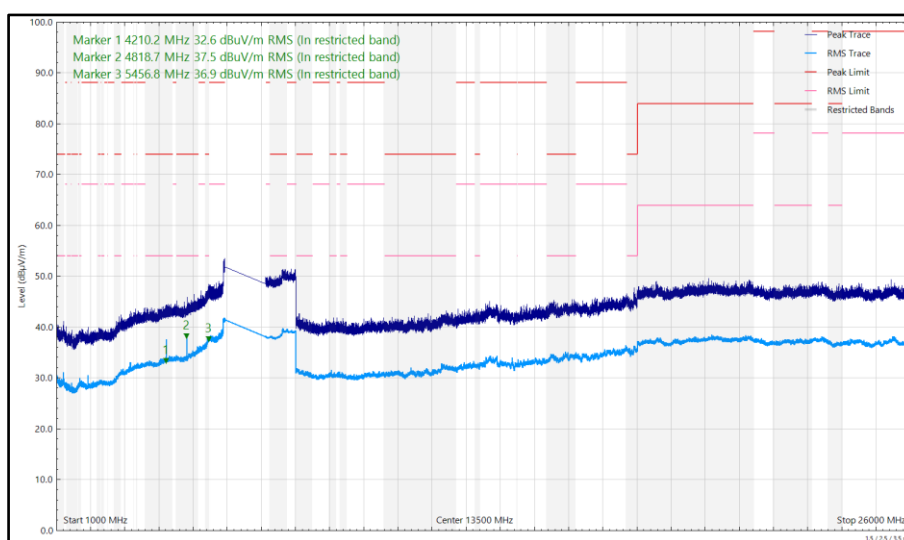


**Figure 441 - 6425 MHz, DH5, ePA, Core 0 + Core 1, 1 GHz to 26 GHz, Vertical**

| Frequency (MHz) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------|----------------|-------------|----------|-----------|-------------|--------------|
| 30.124          | 29.38          | 40.00          | -10.62      | Q-Peak   | 288       | 100         | Vertical     |
| 80.704          | 18.82          | 40.00          | -21.18      | Q-Peak   | 350       | 241         | Horizontal   |
| 85.459          | 21.09          | 40.00          | -18.91      | Q-Peak   | 133       | 153         | Vertical     |
| 128.548         | 19.70          | 43.50          | -23.80      | Q-Peak   | 231       | 293         | Horizontal   |
| 135.545         | 21.11          | 43.50          | -22.39      | Q-Peak   | 259       | 152         | Vertical     |
| 304.492         | 21.26          | 46.00          | -24.74      | Q-Peak   | 186       | 352         | Horizontal   |
| 4210.831        | 32.63          | 54.00          | -21.37      | RMS      | 355       | 398         | Vertical     |
| 5458.043        | 35.50          | 54.00          | -18.50      | RMS      | 12        | 116         | Vertical     |
| 5459.861        | 35.50          | 54.00          | -18.50      | RMS      | 152       | 278         | Horizontal   |

**Table 216 - 6186 MHz, LE1M, iPA, Core 0 + Core 1, 30 MHz to 40 GHz**

No other emissions found within 20 dB of the limit.

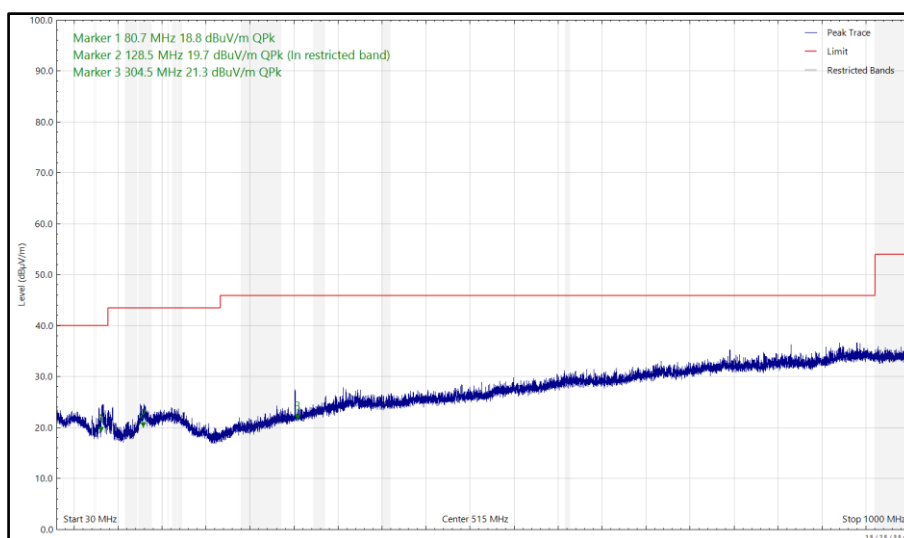


**Figure 442 - 6186 MHz, LE1M, iPA, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)**

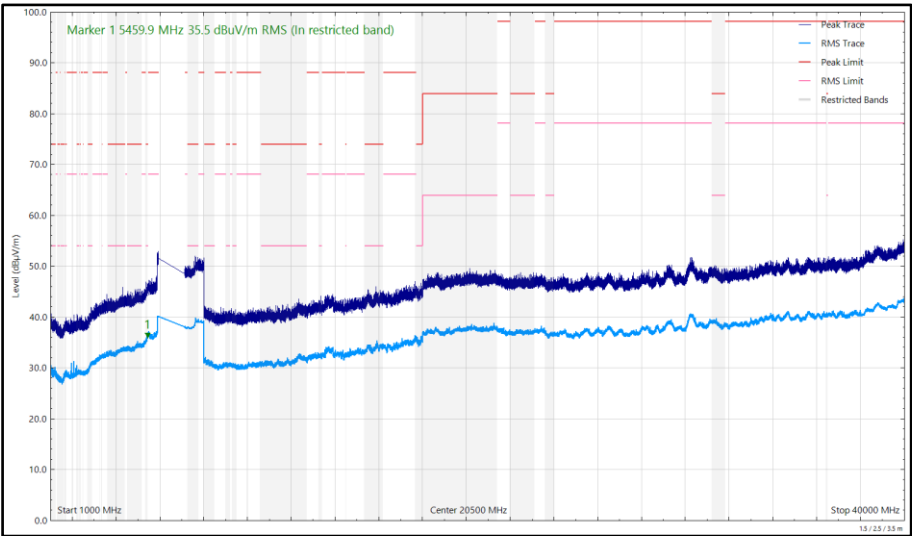


Figure 443 - 6186 MHz, LE1M, iPA, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

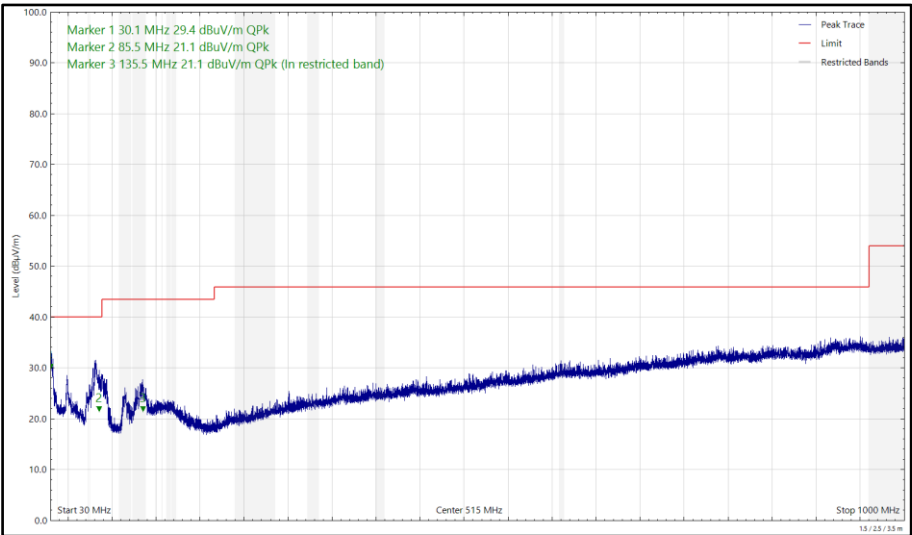


Figure 444 - 6186 MHz, LE1M, iPA, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

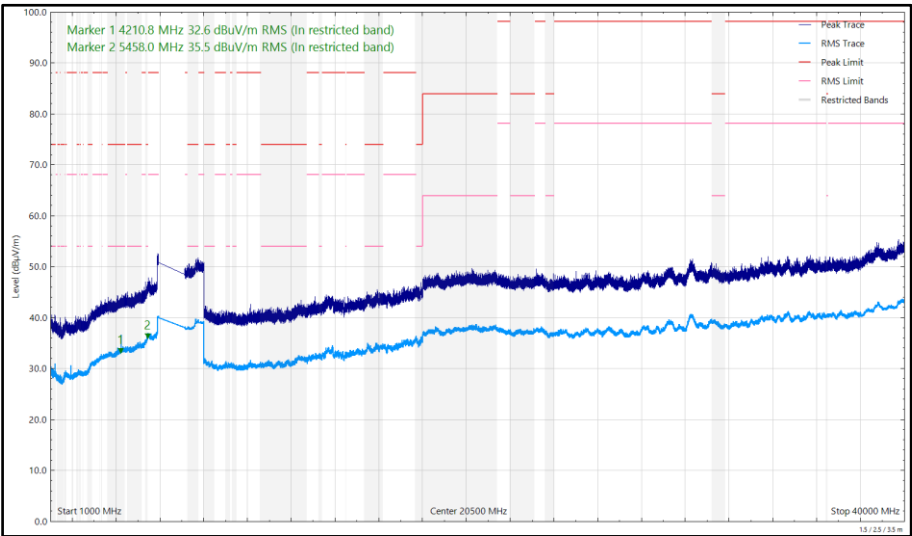


Figure 445 - 6186 MHz, LE1M, iPA, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

| Frequency (MHz) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------|----------------|-------------|----------|-----------|-------------|--------------|
| 30.010          | 29.50          | 40.00          | -10.50      | Q-Peak   | 342       | 100         | Vertical     |
| 30.590          | 21.29          | 40.00          | -18.71      | Q-Peak   | 48        | 338         | Horizontal   |
| 84.223          | 22.15          | 40.00          | -17.85      | Q-Peak   | 281       | 100         | Vertical     |
| 125.771         | 19.35          | 43.50          | -24.15      | Q-Peak   | 241       | 359         | Horizontal   |
| 133.625         | 21.76          | 43.50          | -21.74      | Q-Peak   | 345       | 107         | Vertical     |
| 300.826         | 23.30          | 46.00          | -22.70      | Q-Peak   | 74        | 104         | Horizontal   |
| 4212.000        | 35.62          | 54.00          | -18.38      | RMS      | 335       | 325         | Vertical     |
| 5450.782        | 35.35          | 54.00          | -18.65      | RMS      | 130       | 128         | Horizontal   |
| 5456.049        | 37.13          | 54.00          | -16.87      | RMS      | 346       | 370         | Vertical     |

**Table 217 - 6186 MHz, LE1M, ePA, Core 0 + Core 1, 30 MHz to 40 GHz**

No other emissions found within 20 dB of the limit.

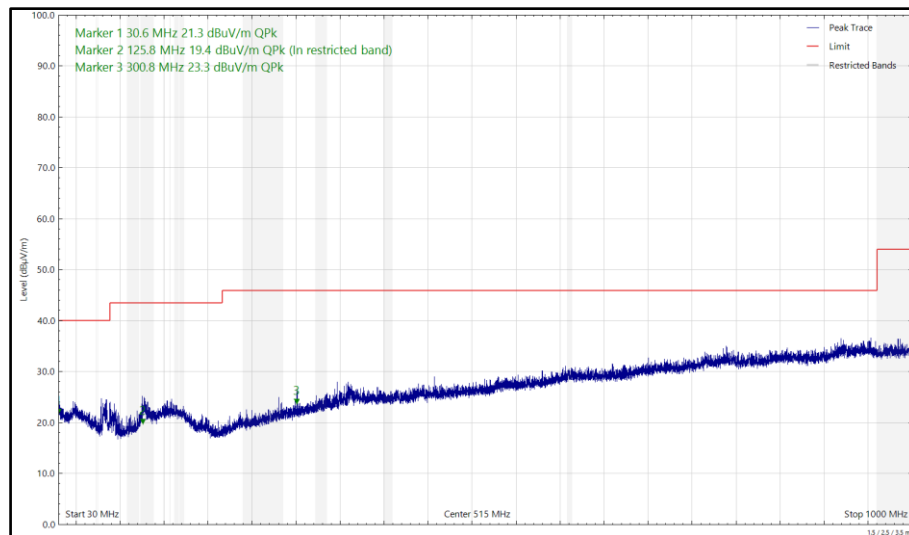


**Figure 446 - 6186 MHz, LE1M, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)**

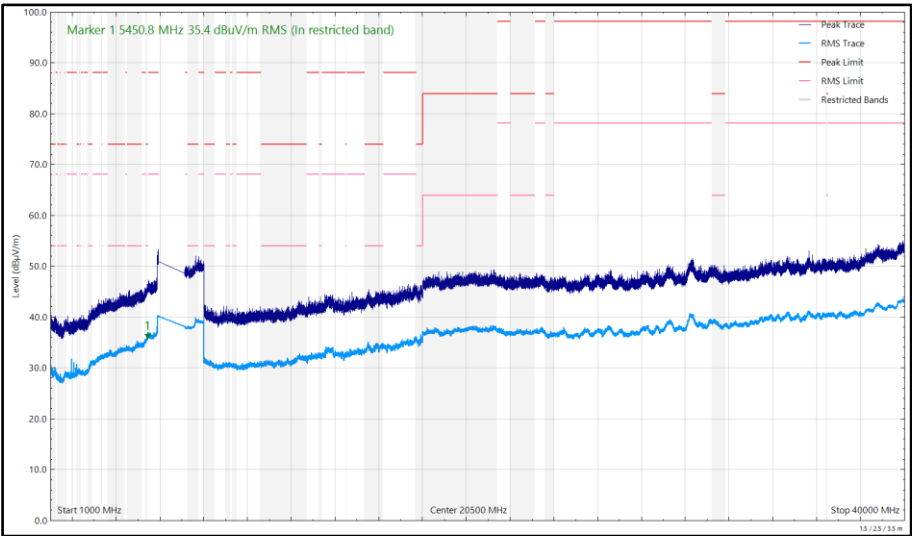


Figure 447 - 6186 MHz, LE1M, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

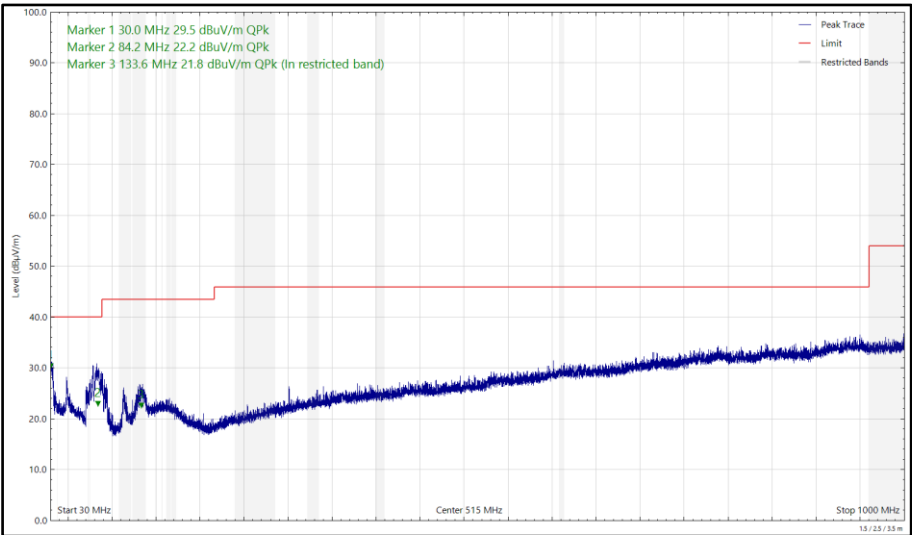


Figure 448 - 6186 MHz, LE1M, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

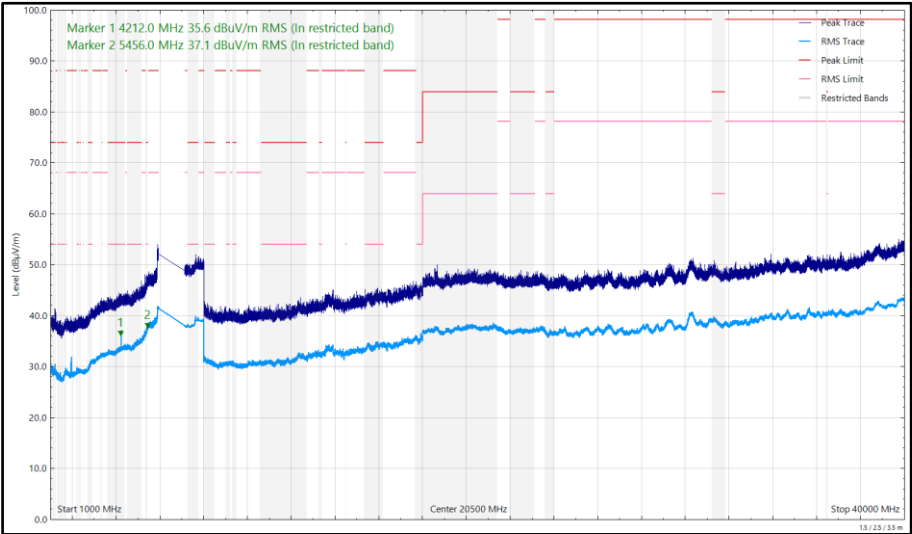


Figure 449 - 6186 MHz, LE1M, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical



| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------|----------------|-------------|----------|-----------|-------------|--------------|
| 4211.854        | 33.68          | 54.00          | -20.32      | RMS      | 322       | 283         | Vertical     |
| 5448.192        | 35.42          | 54.00          | -18.58      | RMS      | 89        | 284         | Vertical     |
| 5459.590        | 35.48          | 54.00          | -18.52      | RMS      | 122       | 379         | Horizontal   |

Table 218 - 6186 MHz, HDT4, iPA, Core 0 + Core 1, 1 GHz to 18 GHz

No other emissions found within 20 dB of the limit.

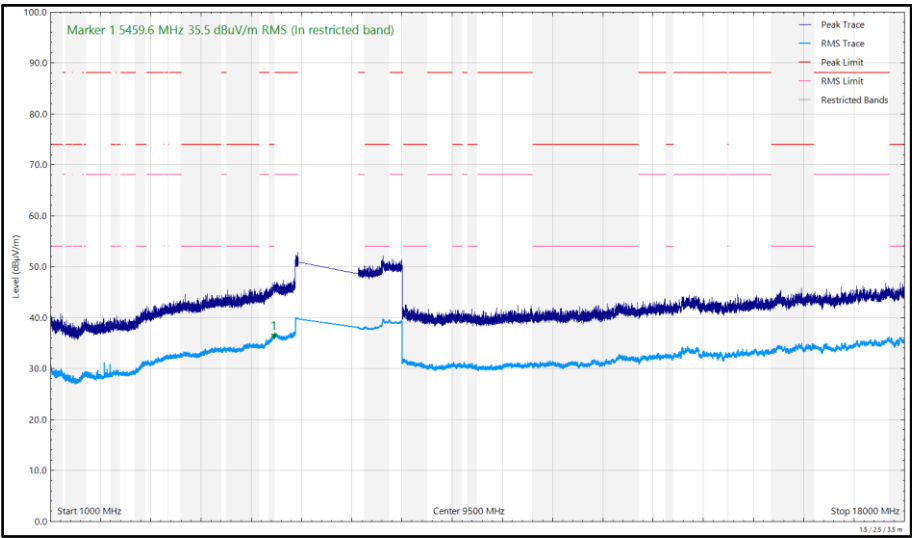


Figure 450 - 6186 MHz, HDT4, iPA, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal

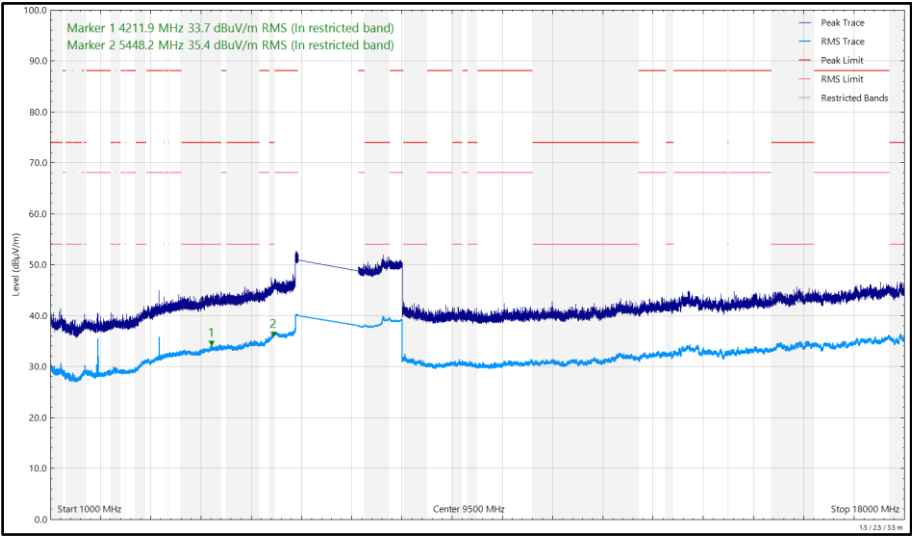


Figure 451 - 6186 MHz, HDT4, iPA, Core 0 + Core 1, 1 GHz to 18 GHz, Vertical



| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------|----------------|-------------|----------|-----------|-------------|--------------|
| 5453.693        | 36.06          | 54.00          | -17.94      | RMS      | 9         | 360         | Vertical     |
| 5453.842        | 35.45          | 54.00          | -18.55      | RMS      | 277       | 235         | Horizontal   |

Table 219 - 6186 MHz, HDT4, ePA, Core 0 + Core 1, 1 GHz to 18 GHz

No other emissions found within 20 dB of the limit.

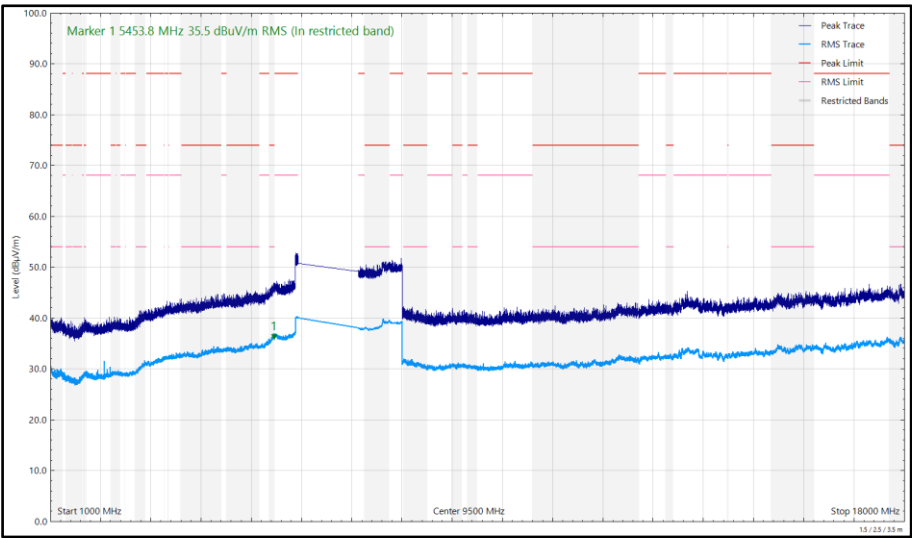


Figure 452 - 6186 MHz, HDT4, ePA, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal

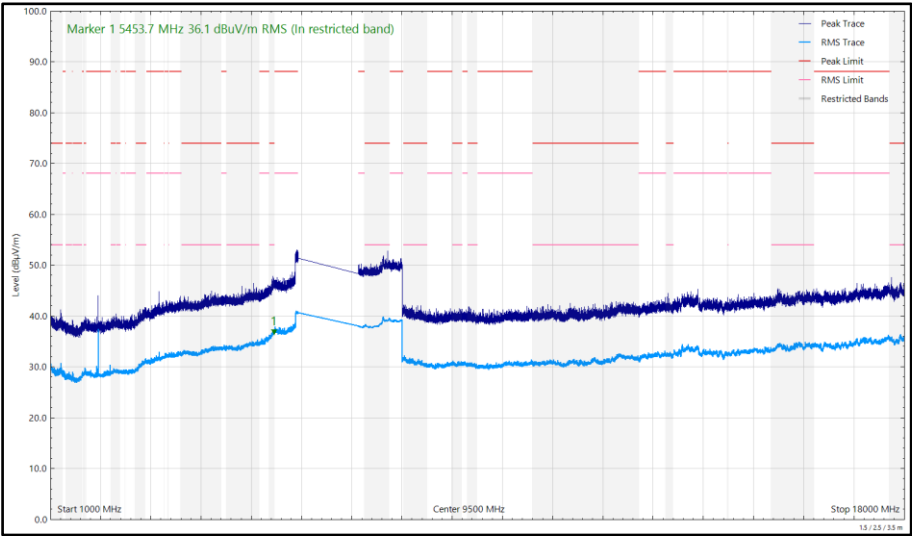


Figure 453 - 6186 MHz, HDT4, ePA, Core 0 + Core 1, 1 GHz to 18 GHz, Vertical



| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------|----------------|-------------|----------|-----------|-------------|--------------|
| 4212.000        | 35.05          | 54.00          | -18.95      | RMS      | 331       | 384         | Vertical     |
| 5454.323        | 35.50          | 54.00          | -18.50      | RMS      | 252       | 397         | Horizontal   |
| 5457.833        | 35.44          | 54.00          | -18.56      | RMS      | 256       | 100         | Vertical     |

Table 220 - 6186 MHz, HDR8, iPA, Core 0 + Core 1, 1 GHz to 18 GHz

No other emissions found within 20 dB of the limit.

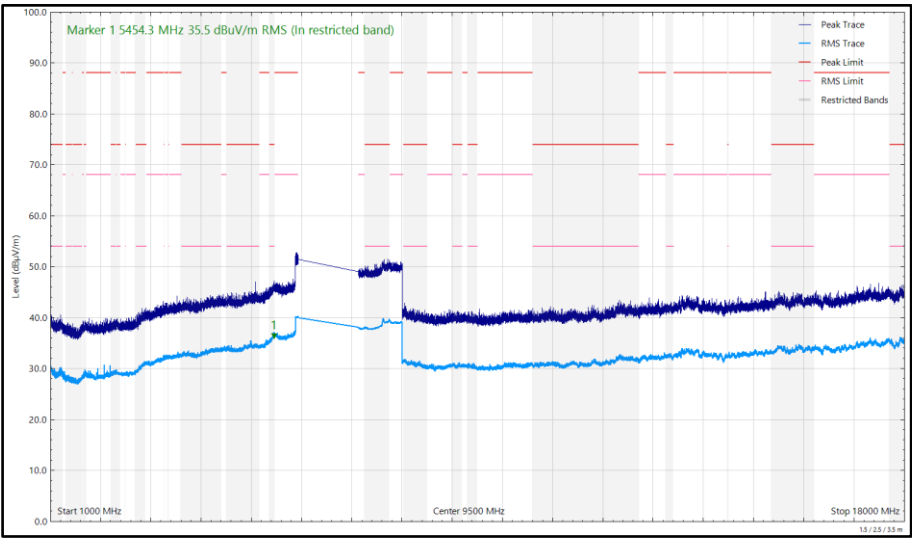


Figure 454 - 6186 MHz, HDR8, iPA, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal

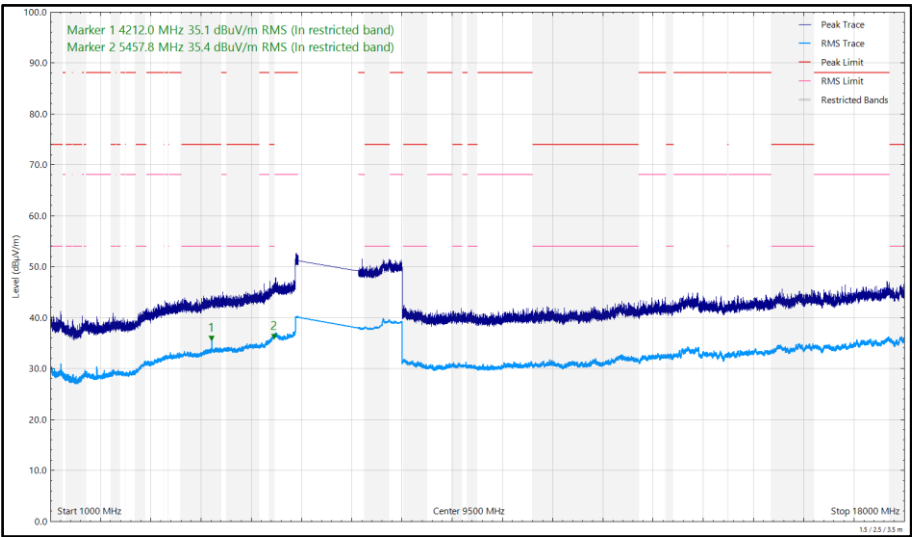


Figure 455 - 6186 MHz, HDR8, iPA, Core 0 + Core 1, 1 GHz to 18 GHz, Vertical



| Frequency (MHz) | Level (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------|----------------|-------------|----------|-----------|-------------|--------------|
| 5459.014        | 36.47          | 54.00          | -17.53      | RMS      | 349       | 223         | Vertical     |
| 5459.369        | 35.58          | 54.00          | -18.42      | RMS      | 238       | 338         | Horizontal   |

Table 221 - 6186 MHz, HDR8, ePA, Core 0 + Core 1, 1 GHz to 18 GHz

No other emissions found within 20 dB of the limit.

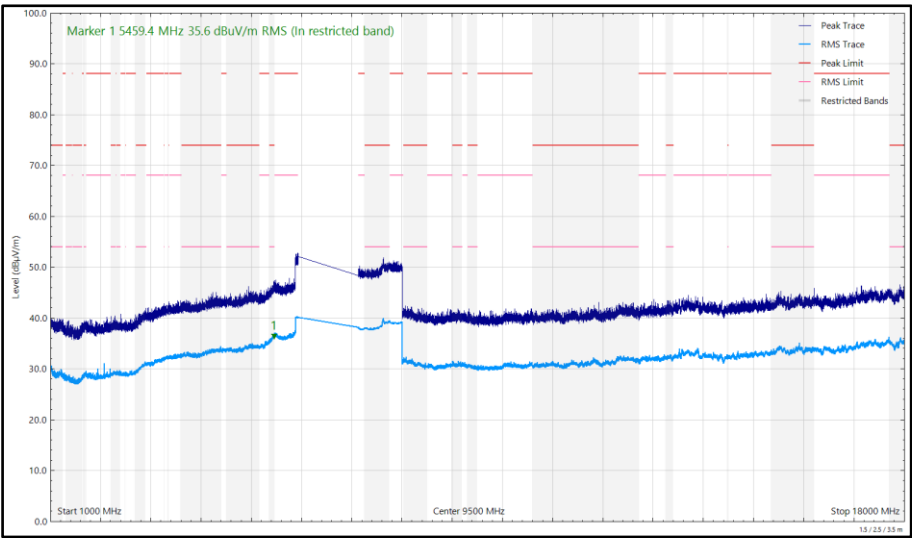


Figure 456 - 6186 MHz, HDR8, ePA, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal

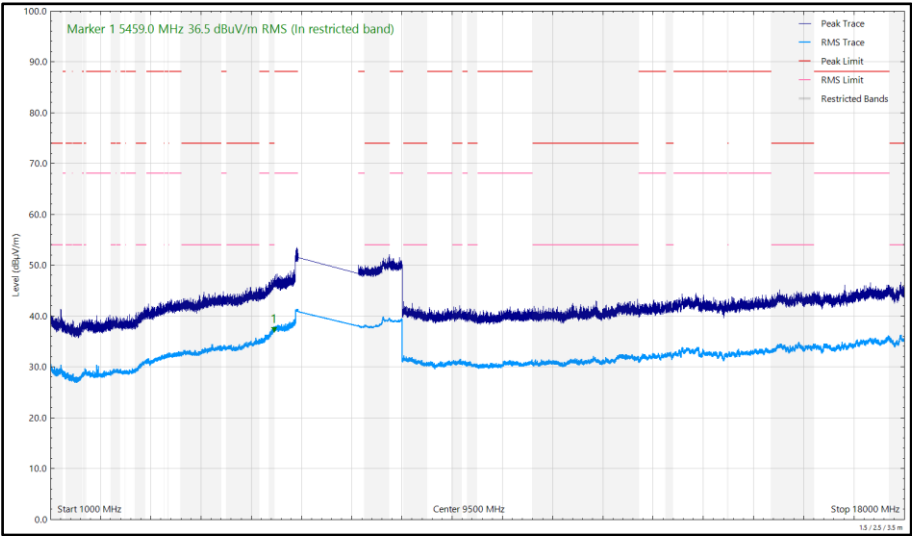


Figure 457 - 6186 MHz, HDR8, ePA, Core 0 + Core 1, 1 GHz to 18 GHz, Vertical