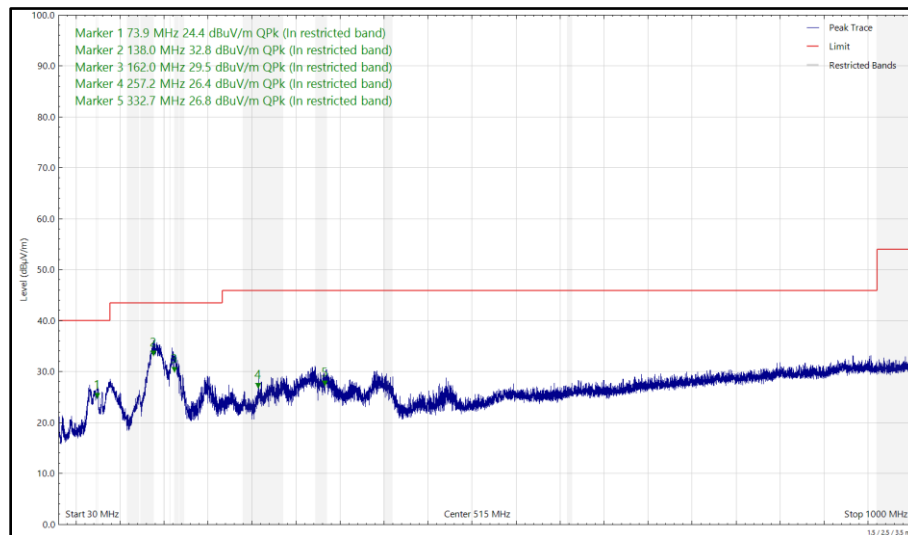


| Frequency (MHz) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------|----------------|-------------|----------|-----------|-------------|--------------|
| 73.944          | 24.44          | 40.00          | -15.56      | Q-Peak   | 335       | 253         | Horizontal   |
| 74.392          | 31.96          | 40.00          | -8.04       | Q-Peak   | 286       | 243         | Vertical     |
| 137.979         | 32.79          | 43.50          | -10.71      | Q-Peak   | 172       | 240         | Horizontal   |
| 156.887         | 30.73          | 43.50          | -12.77      | Q-Peak   | 287       | 106         | Vertical     |
| 162.013         | 29.51          | 43.50          | -13.99      | Q-Peak   | 314       | 243         | Horizontal   |
| 257.163         | 26.44          | 46.00          | -19.56      | Q-Peak   | 72        | 113         | Horizontal   |
| 332.742         | 26.83          | 46.00          | -19.17      | Q-Peak   | 277       | 100         | Horizontal   |
| 402.495         | 26.01          | 46.00          | -19.99      | Q-Peak   | 347       | 125         | Vertical     |
| 4880.128        | 37.02          | 54.00          | -16.98      | RMS      | 3         | 226         | Vertical     |

**Table 91 - 2440 MHz (CH17), LE1M, iPA, Core 0 + Core 1, 30 MHz to 26 GHz**

No other emissions found within 10 dB of the limit.



**Figure 232 - 2440 MHz (CH17), LE1M, iPA, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)**

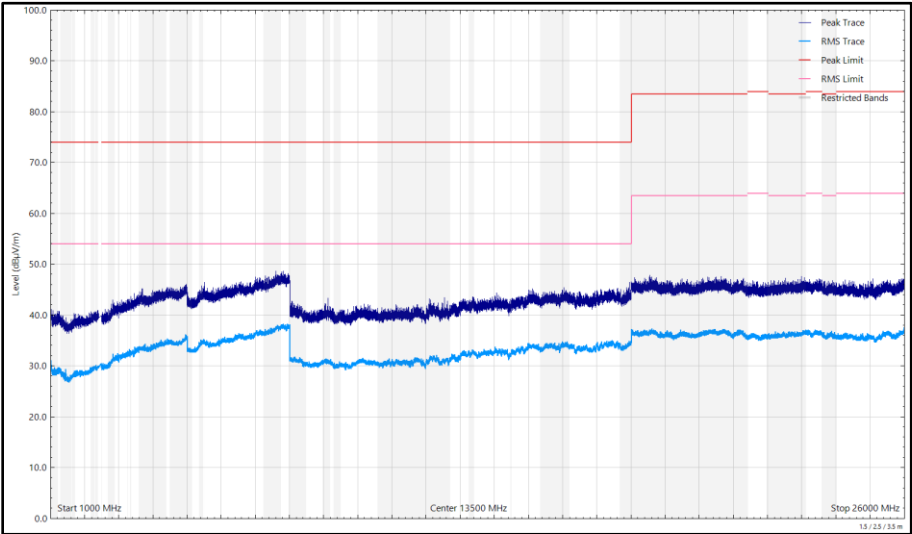


Figure 233 - 2440 MHz (CH17), LE1M, iPA, Core 0 + Core 1, 1 GHz to 26 GHz, Horizontal

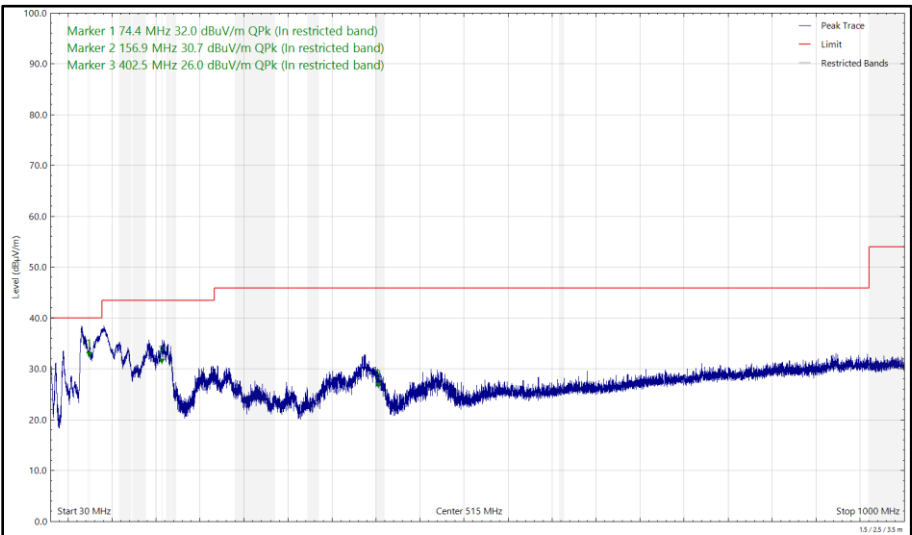


Figure 234 - 2440 MHz (CH17), LE1M, iPA, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

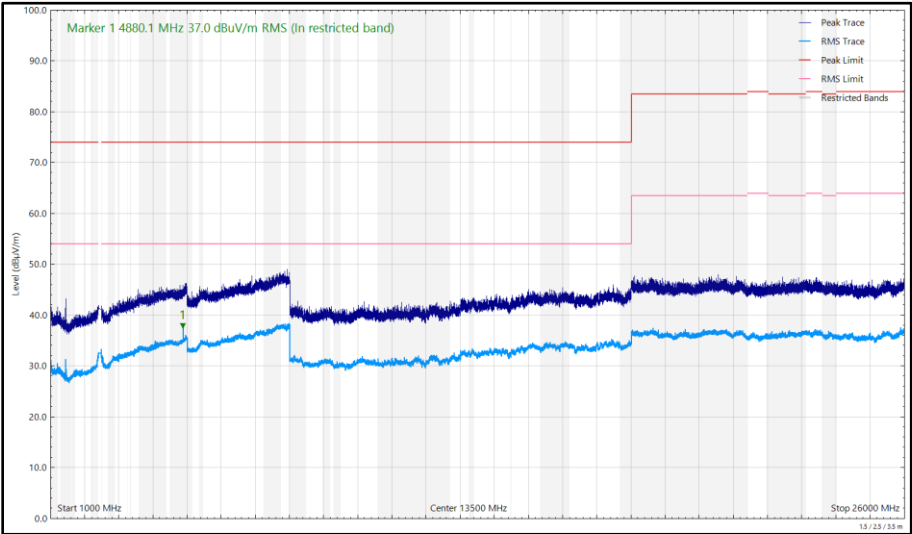
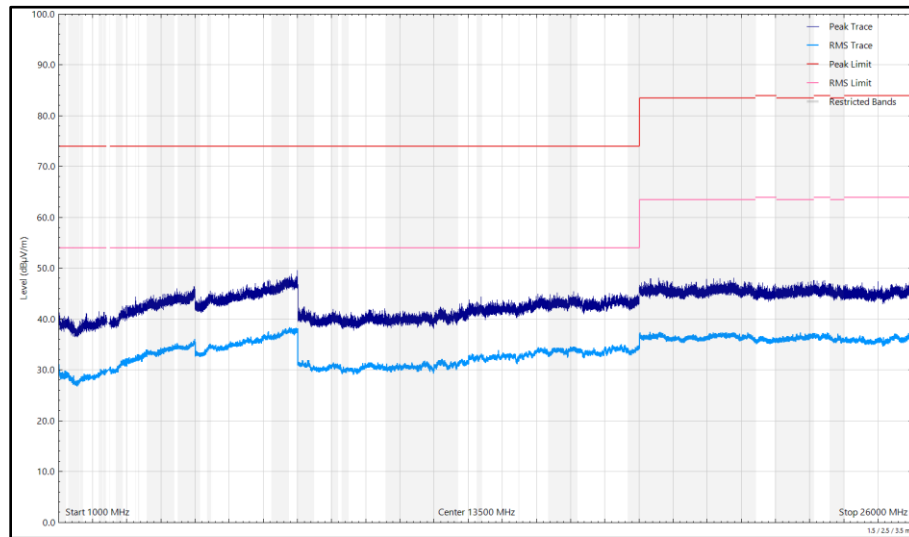


Figure 235 - 2440 MHz (CH17), LE1M, iPA, Core 0 + Core 1, 1 GHz to 26 GHz, Vertical

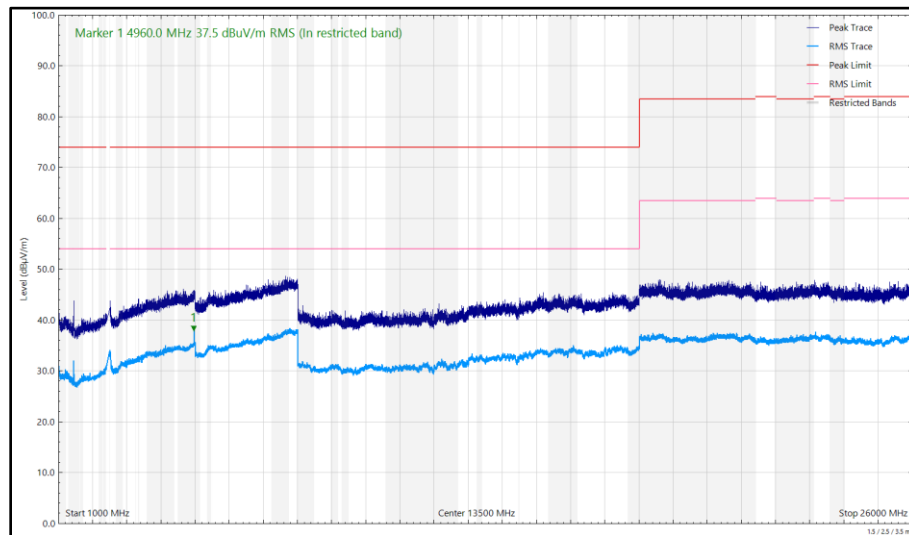
| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------------|----------------------|-------------|----------|-----------|-------------|--------------|
| 4959.968        | 37.48                | 54.00                | -16.52      | RMS      | 3         | 356         | Vertical     |

**Table 92 - 2480 MHz (CH39), LE1M, iPA, Core 0 + Core 1, 1 GHz to 26 GHz**

No other emissions found within 10 dB of the limit.



**Figure 236 - 2480 MHz (CH39), LE1M, iPA, Core 0 + Core 1, 1 GHz to 26 GHz, Horizontal**

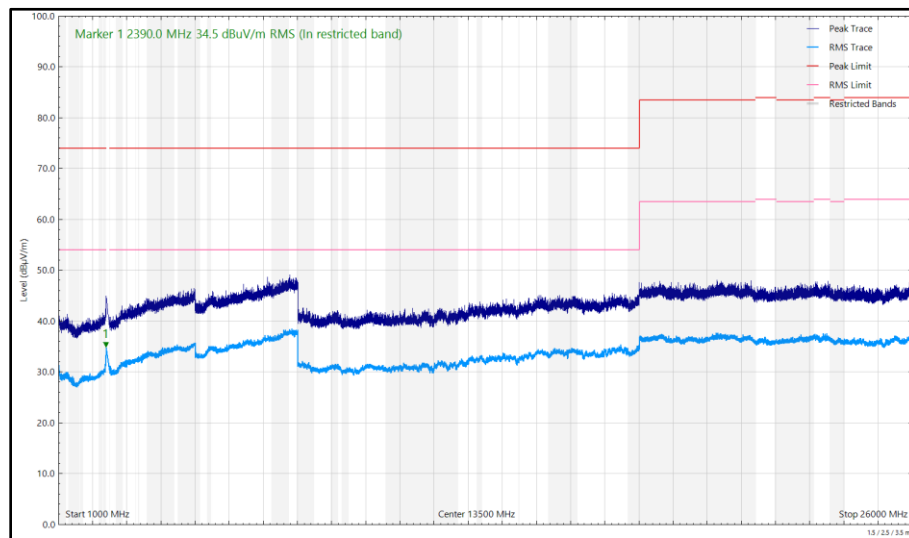


**Figure 237 - 2480 MHz (CH39), LE1M, iPA, Core 0 + Core 1, 1 GHz to 26 GHz, Vertical**

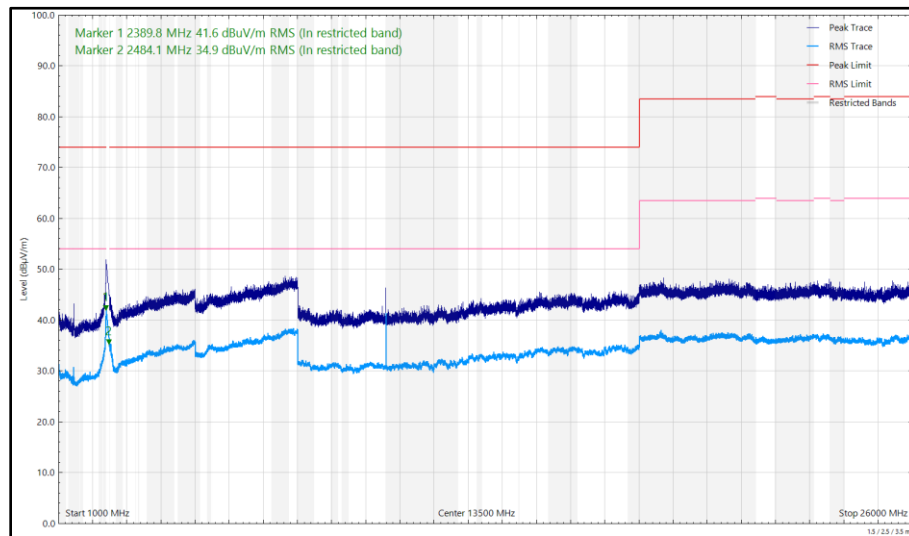
| Frequency (MHz) | Level (dB $\mu$ V/m) | Limit (dB $\mu$ V/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------------|----------------------|-------------|----------|-----------|-------------|--------------|
| 2389.806        | 41.61                | 54.00                | -12.39      | RMS      | 10        | 346         | Vertical     |
| 2389.984        | 34.54                | 54.00                | -19.46      | RMS      | 62        | 391         | Horizontal   |
| 2484.069        | 34.91                | 54.00                | -19.09      | RMS      | 347       | 368         | Vertical     |

**Table 93 - 2404 MHz (CH2), HDR4, ePA, Core 0 + Core 1, 1 GHz to 26 GHz**

No other emissions found within 10 dB of the limit.



**Figure 238 - 2404 MHz (CH2), HDR4, ePA, Core 0 + Core 1, 1 GHz to 26 GHz, Horizontal**

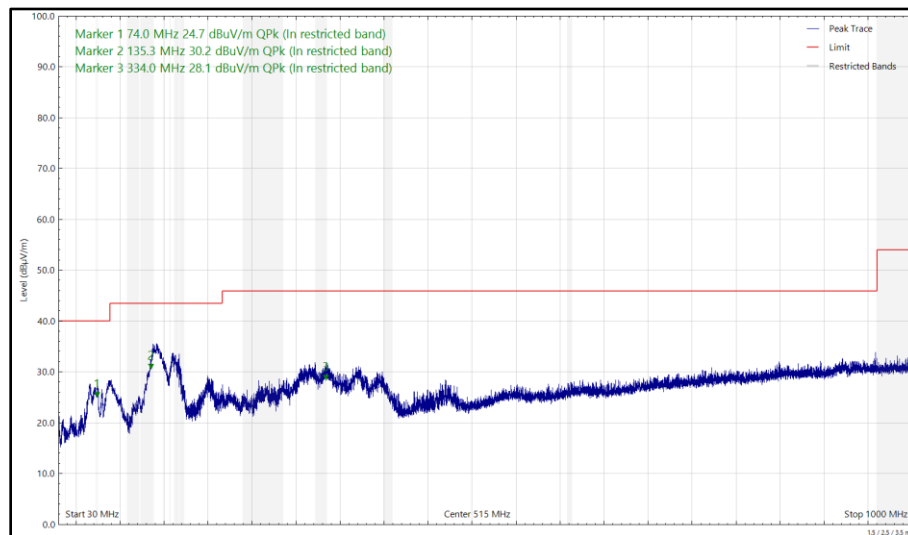


**Figure 239 - 2404 MHz (CH2), HDR4, ePA, Core 0 + Core 1, 1 GHz to 26 GHz, Vertical**

| Frequency (MHz) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------|----------------|-------------|----------|-----------|-------------|--------------|
| 73.992          | 24.73          | 40.00          | -15.27      | Q-Peak   | 333       | 243         | Horizontal   |
| 74.814          | 33.14          | 40.00          | -6.86       | Q-Peak   | 281       | 202         | Vertical     |
| 135.349         | 30.23          | 43.50          | -13.27      | Q-Peak   | 350       | 343         | Horizontal   |
| 162.396         | 31.32          | 43.50          | -12.18      | Q-Peak   | 248       | 155         | Vertical     |
| 333.999         | 28.06          | 46.00          | -17.94      | Q-Peak   | 276       | 100         | Horizontal   |
| 400.022         | 27.12          | 46.00          | -18.88      | Q-Peak   | 173       | 116         | Vertical     |
| 2389.075        | 35.62          | 54.00          | -18.38      | RMS      | 354       | 395         | Vertical     |
| 2483.610        | 37.32          | 54.00          | -16.68      | RMS      | 358       | 371         | Vertical     |

**Table 94 - 2441 MHz (CH39), HDR4, ePA, Core 0 + Core 1, 30 MHz to 26 GHz**

No other emissions found within 10 dB of the limit.



**Figure 240 - 2441 MHz (CH39), HDR4, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)**

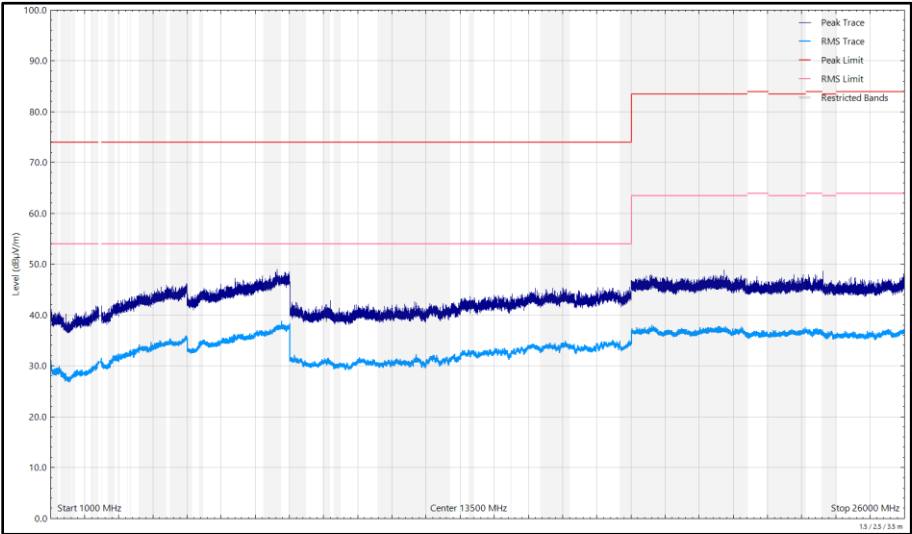


Figure 241 - 2441 MHz (CH39), HDR4, ePA, Core 0 + Core 1, 1 GHz to 26 GHz, Horizontal

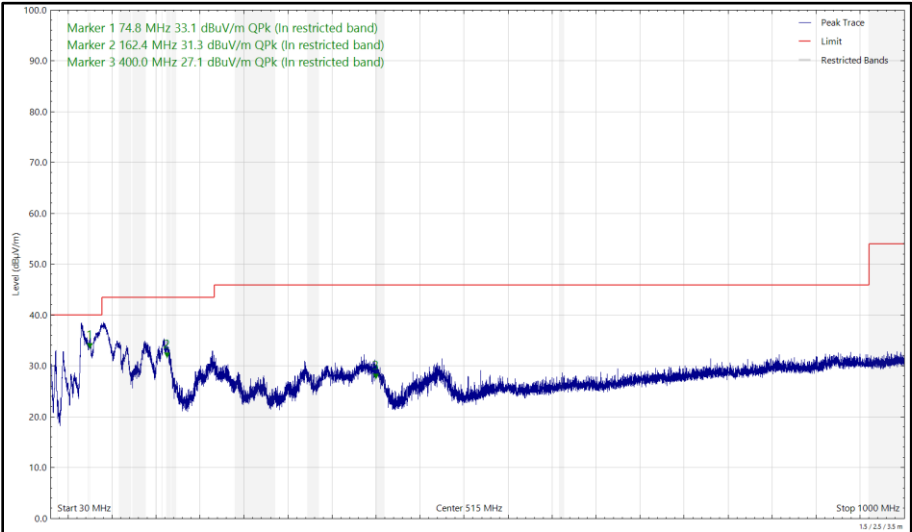


Figure 242 - 2441 MHz (CH39), HDR4, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

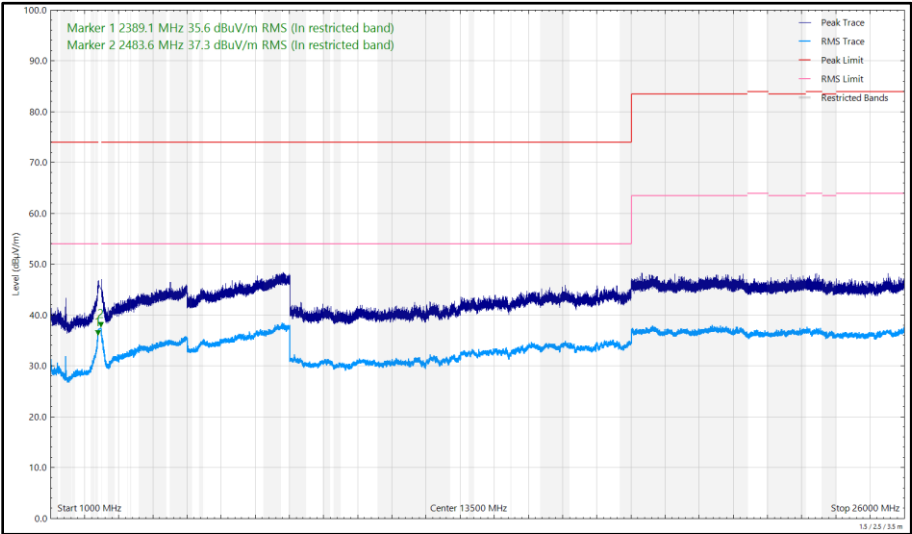
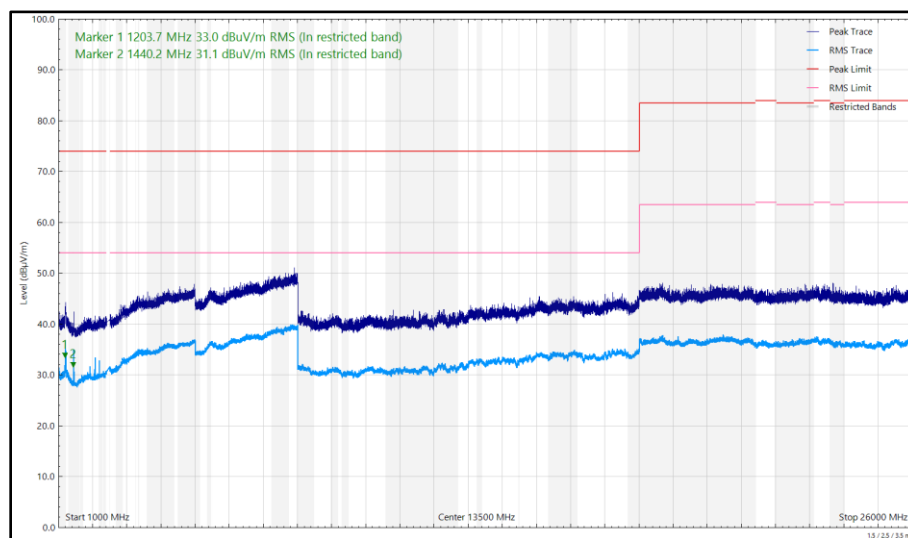


Figure 243 - 2441 MHz (CH39), HDR4, ePA, Core 0 + Core 1, 1 GHz to 26 GHz, Vertical

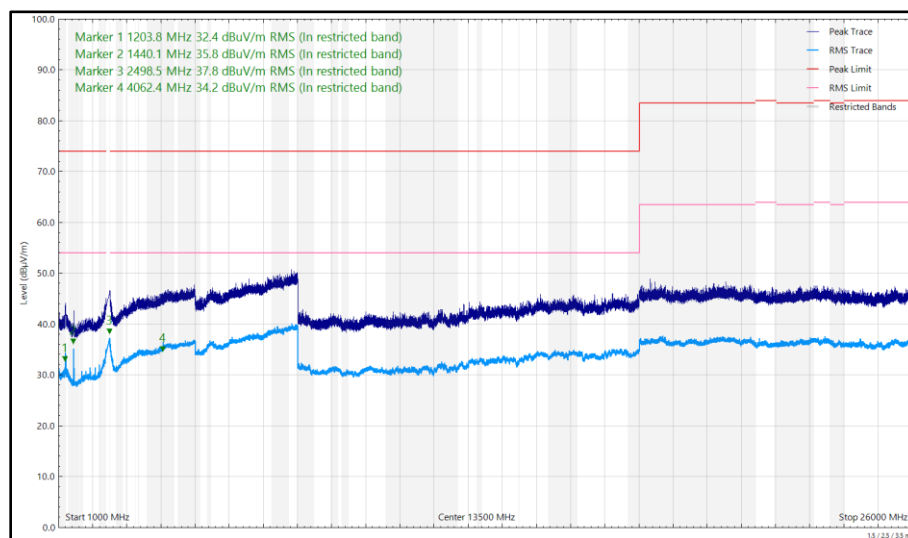
| Frequency (MHz) | Level (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------|----------------|-------------|----------|-----------|-------------|--------------|
| 1203.735        | 33.02          | 54.00          | -20.98      | RMS      | 355       | 166         | Horizontal   |
| 1203.755        | 32.36          | 54.00          | -21.64      | RMS      | 315       | 388         | Vertical     |
| 1440.088        | 35.79          | 54.00          | -18.21      | RMS      | 30        | 252         | Vertical     |
| 1440.160        | 31.10          | 54.00          | -22.90      | RMS      | 160       | 286         | Horizontal   |
| 2498.544        | 37.79          | 54.00          | -16.21      | RMS      | 344       | 336         | Vertical     |
| 4062.396        | 34.24          | 54.00          | -19.76      | RMS      | 227       | 270         | Vertical     |

**Table 95 - 2476 MHz (CH74), HDR4, ePA, Core 0 + Core 1, 1 GHz to 26 GHz**

No other emissions found within 10 dB of the limit.



**Figure 244 - 2476 MHz (CH74), HDR4, ePA, Core 0 + Core 1, 1 GHz to 26 GHz, Horizontal**



**Figure 245 - 2476 MHz (CH74), HDR4, ePA, Core 0 + Core 1, 1 GHz to 26 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 5.5

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

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 15.

| Instrument                                       | Manufacturer        | Type No.             | TE No. | Calibration Period (months) | Calibration Expiry Date |
|--------------------------------------------------|---------------------|----------------------|--------|-----------------------------|-------------------------|
| Emissions Software                               | TUV SUD             | EmX V3.4.2           | 5125   | -                           | Software                |
| Antenna (DRG, 1 GHz to 10.5 GHz)                 | Schwarzbeck         | BBHA9120B            | 5215   | 12                          | 14-Jul-2025             |
| EMI Test Receiver                                | Rohde & Schwarz     | ESW44                | 5911   | 12                          | 19-Sep-2025             |
| DRG Horn Antenna (7.5-18GHz)                     | Schwarzbeck         | HWRD750              | 5940   | 12                          | 05-May-2025             |
| TRILOG Super Broadband Test Antenna              | Schwarzbeck         | VULB 9168            | 5943   | 24                          | 24-May-2026             |
| 1500W (300V 12A) AC Power Supply                 | iTech               | IT7324               | 5955   | -                           | O/P Mon                 |
| 1500W (300V 12A) AC Power Supply                 | iTech               | IT7324               | 5956   | -                           | O/P Mon                 |
| 5m Semi-Anechoic Chamber (Dual-Axis)             | Albatross Projects  | RF Chamber 14        | 5958   | 36                          | 26-Apr-2025             |
| Compact Antenna Mast                             | Maturo Gmbh         | CAM4.0-P             | 5959   | -                           | TU                      |
| Mast & Turntable Controller                      | Maturo Gmbh         | FCU3.0               | 5960   | -                           | TU                      |
| Tilt Antenna Mast                                | Maturo Gmbh         | BAM4.5-P             | 5961   | -                           | TU                      |
| Turntable                                        | Maturo Gmbh         | TT1.5SI              | 5962   | -                           | TU                      |
| 5m Semi-Anechoic Chamber (Dual-Axis), Chamber 15 | Albatross Projects  | RF Chamber 15        | 5963   | 36                          | 28-Apr-2025             |
| Compact Antenna Mast                             | Maturo Gmbh         | CAM4.0-P             | 5964   | -                           | TU                      |
| Mast & Turntable Controller                      | Maturo Gmbh         | FCU3.0               | 5966   | -                           | TU                      |
| Tilt Antenna Mast                                | Maturo Gmbh         | BAM4.5-P             | 5967   | -                           | TU                      |
| Turntable                                        | Maturo Gmbh         | TT1.5SI              | 5968   | -                           | TU                      |
| Cable (N to N 8m)                                | Junkosha            | MWX221-08000NMSNMS/A | 6006   | 12                          | 20-May-2025             |
| Cable (SMA to SMA 1m)                            | Junkosha            | MWX221-01000AMSAMS/A | 6007   | 12                          | 20-May-2025             |
| Cable (N to N 3m)                                | Junkosha            | MWX221-03000NMSNMS/A | 6025   | 12                          | 20-May-2025             |
| Horn Antenna (1-10.5 GHz)                        | Schwarzbeck         | BBHA9120B            | 6140   | 12                          | 05-May-2025             |
| Horn Antenna (1-10 GHz)                          | Schwarzbeck         | BBHA9120B            | 6141   | 12                          | 05-May-2025             |
| Digital Multimeter                               | Fluke               | 115                  | 6146   | 12                          | 06-Jun-2025             |
| Digital Multimeter                               | Fluke               | 115                  | 6147   | 12                          | 06-Jun-2025             |
| Double Ridge Active Horn Antenna (18-40 GHz)     | Com-Power           | AHA-840              | 6188   | 24                          | 31-Jul-2026             |
| SAC Switch Unit                                  | TUV SUD             | TUV_SSU_001          | 6190   | 12                          | 22-Dec-2024             |
| SAC Switch Unit                                  | TUV SUD             | TUV_SSU_001          | 6191   | 12                          | 18-Dec-2024             |
| Pre Amp 8 - 18 GHz                               | Wright Technologies | APS06 0061           | 6198   | 12                          | 03-Jun-2025             |
| Attenuator 4dB                                   | Pasternack          | PE7074-4             | 6201   | 24                          | 24-May-2026             |
| Cable (SMA to SMA 20cm)                          | TUV SUD             | MH-FH 8-18           | 6214   | 12                          | 23-Apr-2025             |



| Instrument            | Manufacturer    | Type No.             | TE No. | Calibration Period (months) | Calibration Expiry Date |
|-----------------------|-----------------|----------------------|--------|-----------------------------|-------------------------|
| USB Spectrum Analyser | Signal Hound    | SA124B               | 6296   | -                           | TU                      |
| USB Spectrum Analyser | Signal Hound    | SA124B               | 6297   | -                           | TU                      |
| Cable (K Type 2m)     | Junkosha        | MWX241-02000KMSKMS/B | 6323   | 12                          | 04-Feb-2025             |
| 1m Cable              | Junkosha        | MWX241-01000AMSAMS/B | 6740   | 12                          | 01-Feb-2025             |
| 1m Cable              | Junkosha        | MWX241-01000AMSAMS/B | 6741   | 12                          | 01-Feb-2025             |
| 6.5m Cable            | Junkosha        | MWX221-06500AMSAMS/B | 6744   | 12                          | 01-Feb-2025             |
| EMI Test Receiver     | Rohde & Schwarz | ESW44                | 6805   | 12                          | 29-May-2025             |
| 1M SMA Cable          | Junkosha        | MWX221-01000AMSAMS/B | 6832   | 12                          | 14-Aug-2025             |
| 8M SMA Cable          | Junkosha        | MWX221-08000AMSAMS/B | 6834   | 12                          | 14-Aug-2025             |
| Handheld Hygrometer   | Fluke           | 971                  | 6837   | 12                          | 27-Aug-2025             |
| Handheld Hygrometer   | Fluke           | 971                  | 6838   | 12                          | 27-Aug-2025             |
| Cable Assembly        | SpecTech        | PE300-60             | 6856   | -                           | TU                      |
| Cable Assembly        | SpecTech        | PE300-60             | 6866   | -                           | TU                      |
| Cable Assembly        | SpecTech        | PE300-60             | 6867   | -                           | TU                      |
| Cable Assembly        | SpecTech        | PE300-60             | 6868   | -                           | TU                      |

**Table 96**

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



## **2.6 Power Spectral Density**

### **2.6.1 Specification Reference**

FCC 47 CFR Part 15C, Clause 15.247 (e)  
ISED RSS-247, Clause 5.2  
ISED RSS-GEN, Clause 6.12

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

A3241, S/N: G0Q65Y9HP6 - Modification State 0  
A3241, S/N: FWKQMY7GHY - Modification State 0

### **2.6.3 Date of Test**

05-November-2024 to 07-November-2024

### **2.6.4 Test Method**

This test was performed in accordance with ANSI C63.10, clause 11.10.2.

Where the EUT duty cycle was < 98 % and repeatable within 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 AVGPSD-2).

MIMO output port summing was performed in accordance with KDB 662911 D01 E)2)b).

### **2.6.5 Environmental Conditions**

|                     |                |
|---------------------|----------------|
| Ambient Temperature | 21.1 - 21.9 °C |
| Relative Humidity   | 49.6 - 53.2 %  |



## 2.6.6 Test Results

### 2.4 GHz Bluetooth LE/HDR/HDR

| Test Configuration       |                              |                 |                |
|--------------------------|------------------------------|-----------------|----------------|
| Frequency Range:         | 2400-2483.5 MHz              | Band:           | 2.4 GHz        |
| Limit Clause(s):         | 15.247 (e)<br>RSS-247 5.2 b) | Test Method(s): | C63.10 11.10.2 |
| Additional Reference(s): | -                            |                 |                |

| DUT Configuration      |                           |                          |      |
|------------------------|---------------------------|--------------------------|------|
| Mode:                  | ePA $\pi/4$ DQPSK (4-DH5) | Duty Cycle (%):          | 78.1 |
| Antenna Configuration: | SISO                      | DCCF (dB):               | -    |
| Active Port(s):        | A (Core 0)                | Peak Antenna Gain (dBi): | 5.40 |

| Test Frequency (MHz) | RBW (kHz) | PSD (dBm/RBW) |   |   |   |          | Limit (dBm/3 kHz) | Margin (dB) |
|----------------------|-----------|---------------|---|---|---|----------|-------------------|-------------|
|                      |           | A             | B | C | D | $\Sigma$ |                   |             |
| 2404                 | 3.0       | -2.11         | - | - | - | -        | 8.00              | -10.11      |
| 2441                 | 3.0       | -2.52         | - | - | - | -        | 8.00              | -10.52      |
| 2476                 | 3.0       | -2.78         | - | - | - | -        | 8.00              | -10.78      |

**Table 97 - 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 5.2 b) | Test Method(s): | C63.10 11.10.2 |
| Additional Reference(s): | -                            |                 |                |

| DUT Configuration      |                           |                          |      |
|------------------------|---------------------------|--------------------------|------|
| Mode:                  | ePA $\pi/4$ DQPSK (8-DH5) | Duty Cycle (%):          | 78.2 |
| Antenna Configuration: | SISO                      | DCCF (dB):               | -    |
| Active Port(s):        | A (Core 0)                | Peak Antenna Gain (dBi): | 5.40 |

| Test Frequency (MHz) | RBW (kHz) | PSD (dBm/RBW) |   |   |   |          | Limit (dBm/3 kHz) | Margin (dB) |
|----------------------|-----------|---------------|---|---|---|----------|-------------------|-------------|
|                      |           | A             | B | C | D | $\Sigma$ |                   |             |
| 2404                 | 3.0       | -3.99         | - | - | - | -        | 8.00              | -11.99      |
| 2441                 | 3.0       | -3.87         | - | - | - | -        | 8.00              | -11.87      |
| 2476                 | 3.0       | -4.28         | - | - | - | -        | 8.00              | -12.28      |

**Table 98 - 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 5.2 b) | Test Method(s): | C63.10 11.10.2 |
| Additional Reference(s): | 662911 D01 v02r01 E)2)b)     |                 |                |

| DUT Configuration      |                           |                          |      |
|------------------------|---------------------------|--------------------------|------|
| Mode:                  | ePA $\pi/4$ DQPSK (4-DH5) | Duty Cycle (%):          | 78.1 |
| Antenna Configuration: | Beamforming               | DCCF (dB):               | -    |
| Active Port(s):        | A+B (Core 0 + Core 1)     | Peak Antenna Gain (dBi): | 8.26 |

| Test Frequency (MHz) | RBW (kHz) | PSD (dBm/RBW) |       |   |   |          | Limit (dBm/3 kHz) | Margin (dB) |
|----------------------|-----------|---------------|-------|---|---|----------|-------------------|-------------|
|                      |           | A             | B     | C | D | $\Sigma$ |                   |             |
| 2404                 | 3.0       | -2.66         | -2.50 | - | - | 0.44     | 5.74              | -5.30       |
| 2441                 | 3.0       | -2.24         | -2.58 | - | - | 0.60     | 5.74              | -5.14       |
| 2476                 | 3.0       | -2.60         | -2.18 | - | - | 0.62     | 5.74              | -5.12       |

**Table 99 - FCC Maximum Power Spectral Density Results**

| Test Frequency (MHz) | RBW (kHz) | PSD (dBm/RBW) |       |   |   |          | Limit (dBm/3 kHz) | Margin (dB) |
|----------------------|-----------|---------------|-------|---|---|----------|-------------------|-------------|
|                      |           | A             | B     | C | D | $\Sigma$ |                   |             |
| 2404                 | 3.0       | -2.66         | -2.50 | - | - | 0.44     | 8.00              | -7.56       |
| 2441                 | 3.0       | -2.24         | -2.58 | - | - | 0.60     | 8.00              | -7.40       |
| 2476                 | 3.0       | -2.60         | -2.18 | - | - | 0.62     | 8.00              | -7.38       |

**Table 100 - 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 5.2 b) | Test Method(s): | C63.10 11.10.2 |
| Additional Reference(s): | 662911 D01 v02r01 E)2)b)     |                 |                |

| DUT Configuration      |                           |                          |      |
|------------------------|---------------------------|--------------------------|------|
| Mode:                  | ePA $\pi/4$ DQPSK (8-DH5) | Duty Cycle (%):          | 78.2 |
| Antenna Configuration: | Beamforming               | DCCF (dB):               | -    |
| Active Port(s):        | A+B (Core 0 + Core 1)     | Peak Antenna Gain (dBi): | 8.26 |

| Test Frequency (MHz) | RBW (kHz) | PSD (dBm/RBW) |       |   |   |          | Limit (dBm/3 kHz) | Margin (dB) |
|----------------------|-----------|---------------|-------|---|---|----------|-------------------|-------------|
|                      |           | A             | B     | C | D | $\Sigma$ |                   |             |
| 2404                 | 3.0       | -3.95         | -3.50 | - | - | -0.71    | 5.74              | -6.45       |
| 2441                 | 3.0       | -4.06         | -4.14 | - | - | -1.09    | 5.74              | -6.83       |
| 2476                 | 3.0       | -3.70         | -3.42 | - | - | -0.54    | 5.74              | -6.28       |

**Table 101 - FCC Maximum Power Spectral Density Results**

| Test Frequency (MHz) | RBW (kHz) | PSD (dBm/RBW) |       |   |   |          | Limit (dBm/3 kHz) | Margin (dB) |
|----------------------|-----------|---------------|-------|---|---|----------|-------------------|-------------|
|                      |           | A             | B     | C | D | $\Sigma$ |                   |             |
| 2404                 | 3.0       | -3.95         | -3.50 | - | - | -0.71    | 8.00              | -8.71       |
| 2441                 | 3.0       | -4.06         | -4.14 | - | - | -1.09    | 8.00              | -9.09       |
| 2476                 | 3.0       | -3.70         | -3.42 | - | - | -0.54    | 8.00              | -8.54       |

**Table 102 - 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 5.2 b) | Test Method(s): | C63.10 11.10.2 |
| Additional Reference(s): | -                            |                 |                |

| DUT Configuration      |                  |                          |      |
|------------------------|------------------|--------------------------|------|
| Mode:                  | ePA GFSK (LE 1M) | Duty Cycle (%):          | 60.6 |
| Antenna Configuration: | SISO             | DCCF (dB):               | -    |
| Active Port(s):        | A (Core 0)       | Peak Antenna Gain (dBi): | 5.40 |

| Test Frequency (MHz) | RBW (kHz) | PSD (dBm/RBW) |   |   |   |          | Limit (dBm/3 kHz) | Margin (dB) |
|----------------------|-----------|---------------|---|---|---|----------|-------------------|-------------|
|                      |           | A             | B | C | D | $\Sigma$ |                   |             |
| 2402                 | 3.0       | -0.72         | - | - | - | -        | 8.00              | -8.72       |
| 2440                 | 3.0       | -0.54         | - | - | - | -        | 8.00              | -8.54       |
| 2480                 | 3.0       | -0.63         | - | - | - | -        | 8.00              | -8.63       |

**Table 103 - 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 5.2 b) | Test Method(s): | C63.10 11.10.2 |
| Additional Reference(s): | -                            |                 |                |

| DUT Configuration      |                  |                          |      |
|------------------------|------------------|--------------------------|------|
| Mode:                  | ePA GFSK (LE 2M) | Duty Cycle (%):          | 31.4 |
| Antenna Configuration: | SISO             | DCCF (dB):               | -    |
| Active Port(s):        | A (Core 0)       | Peak Antenna Gain (dBi): | 5.40 |

| Test Frequency (MHz) | RBW (kHz) | PSD (dBm/RBW) |   |   |   |          | Limit (dBm/3 kHz) | Margin (dB) |
|----------------------|-----------|---------------|---|---|---|----------|-------------------|-------------|
|                      |           | A             | B | C | D | $\Sigma$ |                   |             |
| 2402                 | 3.0       | -2.38         | - | - | - | -        | 8.00              | -10.38      |
| 2440                 | 3.0       | -2.71         | - | - | - | -        | 8.00              | -10.71      |
| 2480                 | 3.0       | -2.70         | - | - | - | -        | 8.00              | -10.70      |

**Table 104 - 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 5.2 b) | Test Method(s): | C63.10 11.10.2 |
| Additional Reference(s): | 662911 D01 v02r01 E)2)b)     |                 |                |

| DUT Configuration      |                       |                          |      |
|------------------------|-----------------------|--------------------------|------|
| Mode:                  | ePA GFSK (LE 1M)      | Duty Cycle (%):          | 60.6 |
| Antenna Configuration: | Beamforming           | DCCF (dB):               | -    |
| Active Port(s):        | A+B (Core 0 + Core 1) | Peak Antenna Gain (dBi): | 8.26 |

| Test Frequency (MHz) | RBW (kHz) | PSD (dBm/RBW) |       |   |   |          | Limit (dBm/3 kHz) | Margin (dB) |
|----------------------|-----------|---------------|-------|---|---|----------|-------------------|-------------|
|                      |           | A             | B     | C | D | $\Sigma$ |                   |             |
| 2402                 | 3.0       | -0.33         | -0.28 | - | - | 2.71     | 5.74              | -3.03       |
| 2440                 | 3.0       | -0.54         | -0.73 | - | - | 2.38     | 5.74              | -3.36       |
| 2480                 | 3.0       | -0.61         | -0.80 | - | - | 2.31     | 5.74              | -3.43       |

**Table 105 - FCC Maximum Power Spectral Density Results**

| Test Frequency (MHz) | RBW (kHz) | PSD (dBm/RBW) |       |   |   |          | Limit (dBm/3 kHz) | Margin (dB) |
|----------------------|-----------|---------------|-------|---|---|----------|-------------------|-------------|
|                      |           | A             | B     | C | D | $\Sigma$ |                   |             |
| 2402                 | 3.0       | -0.33         | -0.28 | - | - | 2.71     | 8.00              | -5.29       |
| 2440                 | 3.0       | -0.54         | -0.73 | - | - | 2.38     | 8.00              | -5.62       |
| 2480                 | 3.0       | -0.61         | -0.80 | - | - | 2.31     | 8.00              | -5.69       |

**Table 106 - 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 5.2 b) | Test Method(s): | C63.10 11.10.2 |
| Additional Reference(s): | 662911 D01 v02r01 E)2)b)     |                 |                |

| DUT Configuration      |                       |                          |      |
|------------------------|-----------------------|--------------------------|------|
| Mode:                  | ePA GFSK (LE 2M)      | Duty Cycle (%):          | 31.4 |
| Antenna Configuration: | Beamforming           | DCCF (dB):               | -    |
| Active Port(s):        | A+B (Core 0 + Core 1) | Peak Antenna Gain (dBi): | 8.26 |

| Test Frequency (MHz) | RBW (kHz) | PSD (dBm/RBW) |       |   |   |          | Limit (dBm/3 kHz) | Margin (dB) |
|----------------------|-----------|---------------|-------|---|---|----------|-------------------|-------------|
|                      |           | A             | B     | C | D | $\Sigma$ |                   |             |
| 2402                 | 3.0       | -2.94         | -2.90 | - | - | 0.09     | 5.74              | -5.65       |
| 2440                 | 3.0       | -2.51         | -2.78 | - | - | 0.37     | 5.74              | -5.37       |
| 2480                 | 3.0       | -2.74         | -3.07 | - | - | 0.11     | 5.74              | -5.63       |

**Table 107 - FCC Maximum Power Spectral Density Results**

| Test Frequency (MHz) | RBW (kHz) | PSD (dBm/RBW) |       |   |   |          | Limit (dBm/3 kHz) | Margin (dB) |
|----------------------|-----------|---------------|-------|---|---|----------|-------------------|-------------|
|                      |           | A             | B     | C | D | $\Sigma$ |                   |             |
| 2402                 | 3.0       | -2.94         | -2.90 | - | - | 0.09     | 8.00              | -7.91       |
| 2440                 | 3.0       | -2.51         | -2.78 | - | - | 0.37     | 8.00              | -7.63       |
| 2480                 | 3.0       | -2.74         | -3.07 | - | - | 0.11     | 8.00              | -7.89       |

**Table 108 - 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 5.2 b) | Test Method(s): | C63.10 11.10.2 |
| Additional Reference(s): | -                            |                 |                |

| DUT Configuration      |                           |                          |      |
|------------------------|---------------------------|--------------------------|------|
| Mode:                  | iPA $\pi/4$ DQPSK (4-DH5) | Duty Cycle (%):          | 78.1 |
| Antenna Configuration: | SISO                      | DCCF (dB):               | -    |
| Active Port(s):        | A (Core 0)                | Peak Antenna Gain (dBi): | 5.40 |

| Test Frequency (MHz) | RBW (kHz) | PSD (dBm/RBW) |   |   |   |          | Limit (dBm/3 kHz) | Margin (dB) |
|----------------------|-----------|---------------|---|---|---|----------|-------------------|-------------|
|                      |           | A             | B | C | D | $\Sigma$ |                   |             |
| 2404                 | 3.0       | -10.08        | - | - | - | -        | 8.00              | -18.08      |
| 2441                 | 3.0       | -10.69        | - | - | - | -        | 8.00              | -18.69      |
| 2476                 | 3.0       | -10.24        | - | - | - | -        | 8.00              | -18.24      |

**Table 109 - 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 5.2 b) | Test Method(s): | C63.10 11.10.2 |
| Additional Reference(s): | -                            |                 |                |

| DUT Configuration      |                           |                          |      |
|------------------------|---------------------------|--------------------------|------|
| Mode:                  | iPA $\pi/4$ DQPSK (8-DH5) | Duty Cycle (%):          | 78.5 |
| Antenna Configuration: | SISO                      | DCCF (dB):               | -    |
| Active Port(s):        | A (Core 0)                | Peak Antenna Gain (dBi): | 5.40 |

| Test Frequency (MHz) | RBW (kHz) | PSD (dBm/RBW) |   |   |   |          | Limit (dBm/3 kHz) | Margin (dB) |
|----------------------|-----------|---------------|---|---|---|----------|-------------------|-------------|
|                      |           | A             | B | C | D | $\Sigma$ |                   |             |
| 2404                 | 3.0       | -10.12        | - | - | - | -        | 8.00              | -18.12      |
| 2441                 | 3.0       | -10.34        | - | - | - | -        | 8.00              | -18.34      |
| 2476                 | 3.0       | -10.33        | - | - | - | -        | 8.00              | -18.33      |

**Table 110 - 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 5.2 b) | Test Method(s): | C63.10 11.10.2 |
| Additional Reference(s): | 662911 D01 v02r01 E)2)b)     |                 |                |

| DUT Configuration      |                           |                          |      |
|------------------------|---------------------------|--------------------------|------|
| Mode:                  | iPA $\pi/4$ DQPSK (4-DH5) | Duty Cycle (%):          | 78.1 |
| Antenna Configuration: | Beamforming               | DCCF (dB):               | -    |
| Active Port(s):        | A+B (Core 0 + Core 1)     | Peak Antenna Gain (dBi): | 8.26 |

| Test Frequency (MHz) | RBW (kHz) | PSD (dBm/RBW) |        |   |   |          | Limit (dBm/3 kHz) | Margin (dB) |
|----------------------|-----------|---------------|--------|---|---|----------|-------------------|-------------|
|                      |           | A             | B      | C | D | $\Sigma$ |                   |             |
| 2404                 | 3.0       | -10.82        | -10.47 | - | - | -7.63    | 5.74              | -13.37      |
| 2441                 | 3.0       | -10.24        | -10.46 | - | - | -7.34    | 5.74              | -13.08      |
| 2476                 | 3.0       | -10.22        | -10.32 | - | - | -7.26    | 5.74              | -13.00      |

**Table 111 - FCC Maximum Power Spectral Density Results**

| Test Frequency (MHz) | RBW (kHz) | PSD (dBm/RBW) |        |   |   |          | Limit (dBm/3 kHz) | Margin (dB) |
|----------------------|-----------|---------------|--------|---|---|----------|-------------------|-------------|
|                      |           | A             | B      | C | D | $\Sigma$ |                   |             |
| 2404                 | 3.0       | -10.82        | -10.47 | - | - | -7.63    | 8.00              | -15.63      |
| 2441                 | 3.0       | -10.24        | -10.46 | - | - | -7.34    | 8.00              | -15.34      |
| 2476                 | 3.0       | -10.22        | -10.32 | - | - | -7.26    | 8.00              | -15.26      |

**Table 112 - 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 5.2 b) | Test Method(s): | C63.10 11.10.2 |
| Additional Reference(s): | 662911 D01 v02r01 E)2)b)     |                 |                |

| DUT Configuration      |                           |                          |      |
|------------------------|---------------------------|--------------------------|------|
| Mode:                  | iPA $\pi/4$ DQPSK (8-DH5) | Duty Cycle (%):          | 78.5 |
| Antenna Configuration: | Beamforming               | DCCF (dB):               | -    |
| Active Port(s):        | A+B (Core 0 + Core 1)     | Peak Antenna Gain (dBi): | 8.26 |

| Test Frequency (MHz) | RBW (kHz) | PSD (dBm/RBW) |        |   |   |          | Limit (dBm/3 kHz) | Margin (dB) |
|----------------------|-----------|---------------|--------|---|---|----------|-------------------|-------------|
|                      |           | A             | B      | C | D | $\Sigma$ |                   |             |
| 2404                 | 3.0       | -10.53        | -10.26 | - | - | -7.38    | 5.74              | -13.12      |
| 2441                 | 3.0       | -10.54        | -10.37 | - | - | -7.44    | 5.74              | -13.18      |
| 2476                 | 3.0       | -10.90        | -10.12 | - | - | -7.48    | 5.74              | -13.22      |

**Table 113 - FCC Maximum Power Spectral Density Results**

| Test Frequency (MHz) | RBW (kHz) | PSD (dBm/RBW) |        |   |   |          | Limit (dBm/3 kHz) | Margin (dB) |
|----------------------|-----------|---------------|--------|---|---|----------|-------------------|-------------|
|                      |           | A             | B      | C | D | $\Sigma$ |                   |             |
| 2404                 | 3.0       | -10.53        | -10.26 | - | - | -7.38    | 8.00              | -15.38      |
| 2441                 | 3.0       | -10.54        | -10.37 | - | - | -7.44    | 8.00              | -15.44      |
| 2476                 | 3.0       | -10.90        | -10.12 | - | - | -7.48    | 8.00              | -15.48      |

**Table 114 - 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 5.2 b) | Test Method(s): | C63.10 11.10.2 |
| Additional Reference(s): | -                            |                 |                |

| DUT Configuration      |                  |                          |      |
|------------------------|------------------|--------------------------|------|
| Mode:                  | iPA GFSK (LE 1M) | Duty Cycle (%):          | 60.5 |
| Antenna Configuration: | SISO             | DCCF (dB):               | -    |
| Active Port(s):        | B (Core 1)       | Peak Antenna Gain (dBi): | 5.10 |

| Test Frequency (MHz) | RBW (kHz) | PSD (dBm/RBW) |        |   |   |          | Limit (dBm/3 kHz) | Margin (dB) |
|----------------------|-----------|---------------|--------|---|---|----------|-------------------|-------------|
|                      |           | A             | B      | C | D | $\Sigma$ |                   |             |
| 2402                 | 3.0       | -             | -11.13 | - | - | -        | 8.00              | -19.13      |
| 2440                 | 3.0       | -             | -10.78 | - | - | -        | 8.00              | -18.78      |
| 2480                 | 3.0       | -             | -10.74 | - | - | -        | 8.00              | -18.74      |

**Table 115 - 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 5.2 b) | Test Method(s): | C63.10 11.10.2 |
| Additional Reference(s): | -                            |                 |                |

| DUT Configuration      |                  |                          |      |
|------------------------|------------------|--------------------------|------|
| Mode:                  | iPA GFSK (LE 2M) | Duty Cycle (%):          | 31.3 |
| Antenna Configuration: | SISO             | DCCF (dB):               | -    |
| Active Port(s):        | B (Core 1)       | Peak Antenna Gain (dBi): | 5.10 |

| Test Frequency (MHz) | RBW (kHz) | PSD (dBm/RBW) |        |   |   |          | Limit (dBm/3 kHz) | Margin (dB) |
|----------------------|-----------|---------------|--------|---|---|----------|-------------------|-------------|
|                      |           | A             | B      | C | D | $\Sigma$ |                   |             |
| 2402                 | 3.0       | -             | -13.22 | - | - | -        | 8.00              | -21.22      |
| 2440                 | 3.0       | -             | -13.25 | - | - | -        | 8.00              | -21.25      |
| 2480                 | 3.0       | -             | -13.24 | - | - | -        | 8.00              | -21.24      |

**Table 116 - 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 5.2 b) | Test Method(s): | C63.10 11.10.2 |
| Additional Reference(s): | 662911 D01 v02r01 E)2)b)     |                 |                |

| DUT Configuration      |                       |                          |      |
|------------------------|-----------------------|--------------------------|------|
| Mode:                  | iPA GFSK (LE 1M)      | Duty Cycle (%):          | 60.5 |
| Antenna Configuration: | Beamforming           | DCCF (dB):               | -    |
| Active Port(s):        | A+B (Core 0 + Core 1) | Peak Antenna Gain (dBi): | 8.26 |

| Test Frequency (MHz) | RBW (kHz) | PSD (dBm/RBW) |        |   |   |          | Limit (dBm/3 kHz) | Margin (dB) |
|----------------------|-----------|---------------|--------|---|---|----------|-------------------|-------------|
|                      |           | A             | B      | C | D | $\Sigma$ |                   |             |
| 2402                 | 3.0       | -11.05        | -11.07 | - | - | -8.05    | 5.74              | -13.79      |
| 2440                 | 3.0       | -10.99        | -10.82 | - | - | -7.90    | 5.74              | -13.64      |
| 2480                 | 3.0       | -10.95        | -10.95 | - | - | -7.94    | 5.74              | -13.68      |

**Table 117 - FCC Maximum Power Spectral Density Results**

| Test Frequency (MHz) | RBW (kHz) | PSD (dBm/RBW) |        |   |   |          | Limit (dBm/3 kHz) | Margin (dB) |
|----------------------|-----------|---------------|--------|---|---|----------|-------------------|-------------|
|                      |           | A             | B      | C | D | $\Sigma$ |                   |             |
| 2402                 | 3.0       | -11.05        | -11.07 | - | - | -8.05    | 8.00              | -16.05      |
| 2440                 | 3.0       | -10.99        | -10.82 | - | - | -7.90    | 8.00              | -15.90      |
| 2480                 | 3.0       | -10.95        | -10.95 | - | - | -7.94    | 8.00              | -15.94      |

**Table 118 - 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 5.2 b) | Test Method(s): | C63.10 11.10.2 |
| Additional Reference(s): | 662911 D01 v02r01 E)2)b)     |                 |                |

| DUT Configuration      |                       |                          |      |
|------------------------|-----------------------|--------------------------|------|
| Mode:                  | iPA GFSK (LE 2M)      | Duty Cycle (%):          | 31.3 |
| Antenna Configuration: | Beamforming           | DCCF (dB):               | -    |
| Active Port(s):        | A+B (Core 0 + Core 1) | Peak Antenna Gain (dBi): | 8.26 |

| Test Frequency (MHz) | RBW (kHz) | PSD (dBm/RBW) |        |   |   |          | Limit (dBm/3 kHz) | Margin (dB) |
|----------------------|-----------|---------------|--------|---|---|----------|-------------------|-------------|
|                      |           | A             | B      | C | D | $\Sigma$ |                   |             |
| 2402                 | 3.0       | -12.98        | -13.22 | - | - | -10.09   | 5.74              | -15.83      |
| 2440                 | 3.0       | -13.30        | -13.69 | - | - | -10.48   | 5.74              | -16.22      |
| 2480                 | 3.0       | -13.43        | -13.76 | - | - | -10.58   | 5.74              | -16.32      |

**Table 119 - FCC Maximum Power Spectral Density Results**

| Test Frequency (MHz) | RBW (kHz) | PSD (dBm/RBW) |        |   |   |          | Limit (dBm/3 kHz) | Margin (dB) |
|----------------------|-----------|---------------|--------|---|---|----------|-------------------|-------------|
|                      |           | A             | B      | C | D | $\Sigma$ |                   |             |
| 2402                 | 3.0       | -12.98        | -13.22 | - | - | -10.09   | 8.00              | -18.09      |
| 2440                 | 3.0       | -13.30        | -13.69 | - | - | -10.48   | 8.00              | -18.48      |
| 2480                 | 3.0       | -13.43        | -13.76 | - | - | -10.58   | 8.00              | -18.58      |

**Table 120 - ISED Maximum Power Spectral Density Results**



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

The power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.

ISED RSS-247, Limit Clause 5.2(b)

The transmitter power spectral density conducted from the transmitter to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.

## 2.6.7 Test Location and Test Equipment Used

This test was carried out in RF Chamber 18 and RF Laboratory 2.

| Instrument                   | Manufacturer          | Type No.        | TE No. | Calibration Period (months) | Calibration Expiry Date |
|------------------------------|-----------------------|-----------------|--------|-----------------------------|-------------------------|
| True RMS Multimeter          | Fluke                 | 79 Series III   | 411    | 12                          | 12-Jan-2025             |
| Hygrometer                   | Rotronic              | Hygropalm 0     | 3028   | 12                          | 12-Aug-2025             |
| Hygrometer                   | Rotronic              | I-1000          | 3068   | 12                          | 07-Nov-2024             |
| AC Programmable Power Supply | iTech                 | IT7324          | 5225   | -                           | O/P Mon                 |
| MXA Signal Analyser          | Keysight Technologies | N9020B          | 5528   | 24                          | 18-Sep-2025             |
| MXA Signal Analyser          | Keysight Technologies | N9020B          | 5529   | 24                          | 13-Dec-2024             |
| Digital Multimeter           | Fluke                 | 115             | 6145   | 12                          | 06-Jun-2025             |
| Signal Conditioning Unit     | TUV SUD               | SPECTRUM_SCU001 | 6350   | 12                          | 02-Aug-2025             |
| Signal Conditioning Unit     | TUV SUD               | SPECTRUM_SCU001 | 6426   | 12                          | 07-Feb-2025             |
| SCU Cable Assembly           | TUV SUD               | SPECTRUM_SCU_CA | 6638   | 12                          | 02-Aug-2025             |
| SCU Cable Assembly           | TUV SUD               | SPECTRUM_SCU_CA | 6639   | 12                          | 02-Aug-2025             |
| SCU Cable Assembly           | TUV SUD               | SPECTRUM_SCU_CA | 6752   | 12                          | 06-Feb-2025             |
| SCU Cable Assembly           | TUV SUD               | SPECTRUM_SCU_CA | 6753   | 12                          | 06-Feb-2025             |
| SCU Cable Assembly           | TUV SUD               | SPECTRUM_SCU_CA | 6754   | 12                          | 06-Feb-2025             |

**Table 121**

O/P Mon - Output Monitored using calibrated equipment



### 3 Measurement Uncertainty

For a 95% confidence level, the measurement uncertainties for defined systems are:

| Test Name                      | Measurement Uncertainty                                        |
|--------------------------------|----------------------------------------------------------------|
| Restricted Band Edges          | 30 MHz to 1 GHz: $\pm 5.2$ dB<br>1 GHz to 40 GHz: $\pm 6.3$ dB |
| Emission Bandwidth             | $\pm 66.15$ kHz                                                |
| Maximum Conducted Output Power | $\pm 1.38$ dB                                                  |
| Authorised Band Edges          | 30 MHz to 1 GHz: $\pm 5.2$ dB<br>1 GHz to 40 GHz: $\pm 6.3$ dB |
| Spurious Radiated Emissions    | 30 MHz to 1 GHz: $\pm 5.2$ dB<br>1 GHz to 40 GHz: $\pm 6.3$ dB |
| Power Spectral Density         | $\pm 1.49$ dB                                                  |

**Table 122**

#### Measurement Uncertainty Decision Rule – Accuracy Method

Determination of conformity with the specification limits is based on the decision rule according to IEC Guide 115:2021, Clause 4.4.3 (Procedure 2). The measurement results are directly compared with the test limit to determine conformance with the requirements of the standard.

Risk: The uncertainty of measurement about the measured result is negligible with regard to the final pass/fail decision. The measurement result can be directly compared with the test limit to determine conformance with the requirement (compare IEC Guide 115). The level of risk to falsely accept and falsely reject items is further described in ILAC-G8.