

Figure 8.4-13: TSM-Bandwidth 1.2MHz conducted spurious emission, 2478 MHz

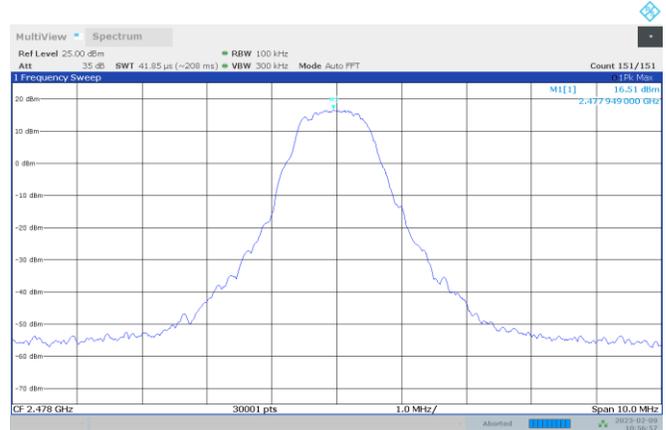


Figure 8.4-14: TSM-Bandwidth 1.2MHz conducted spurious emission reference level, 2478 MHz

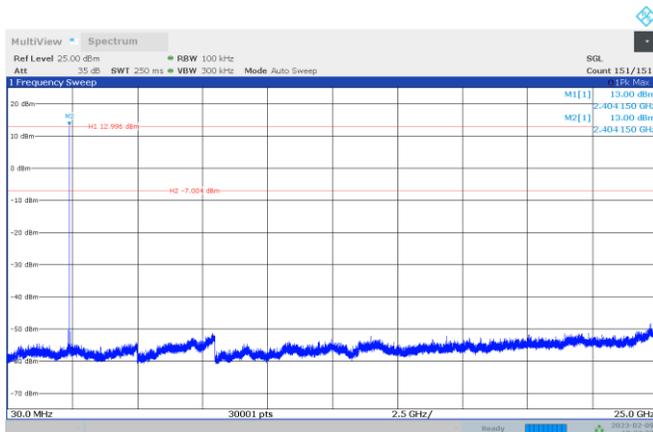


Figure 8.4-15: TSM-Bandwidth 3.6MHz conducted spurious emission, 2404 MHz

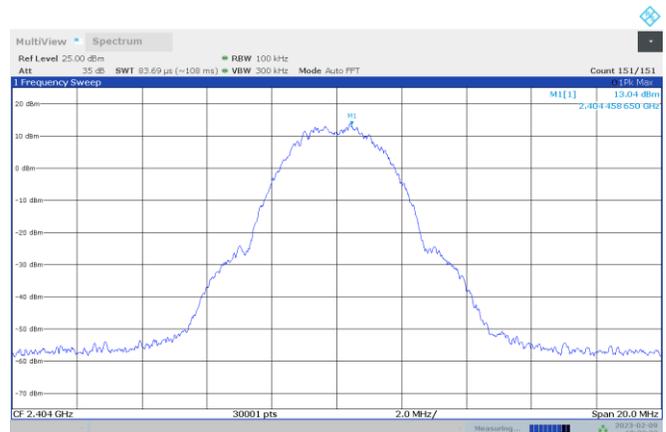


Figure 8.4-16: TSM-Bandwidth 3.6MHz conducted spurious emission reference level, 2404 MHz

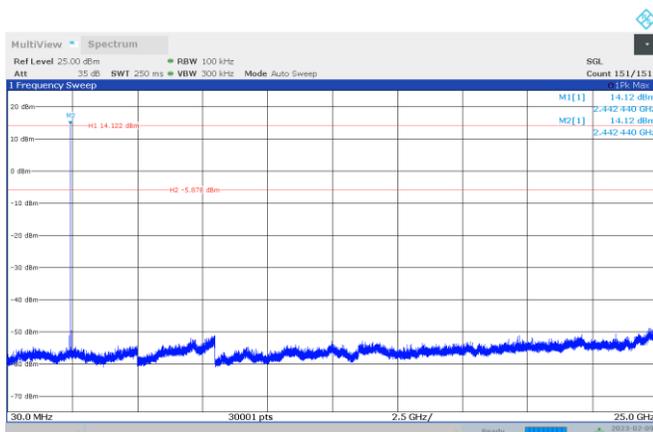


Figure 8.4-17: TSM-Bandwidth 3.6MHz conducted spurious emission, 2442 MHz

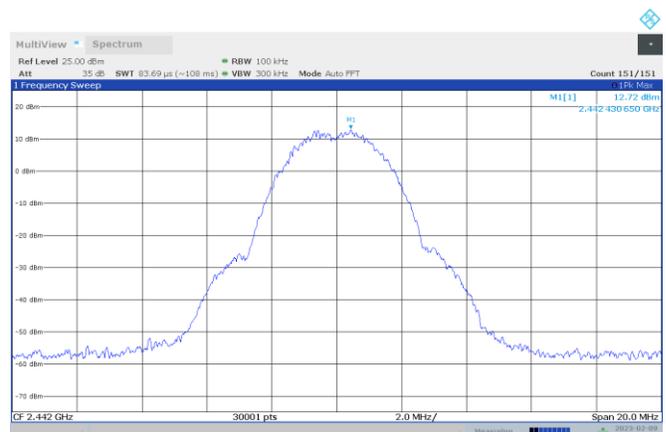


Figure 8.4-18: TSM-Bandwidth 3.6MHz conducted spurious emission reference level, 2442 MHz

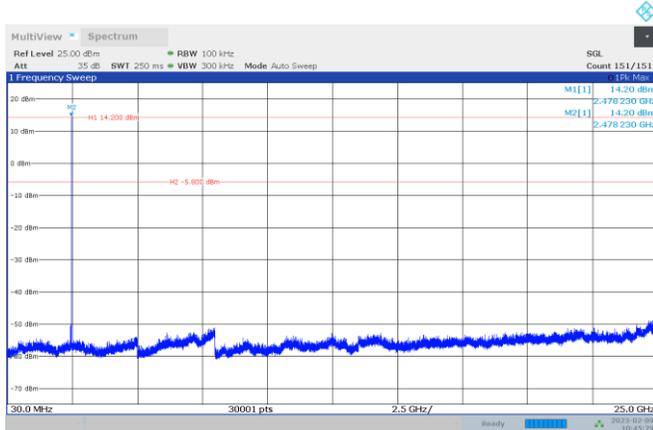


Figure 8.4-19: TSM-Bandwidth 3.6MHz conducted spurious emission 2478 MHz

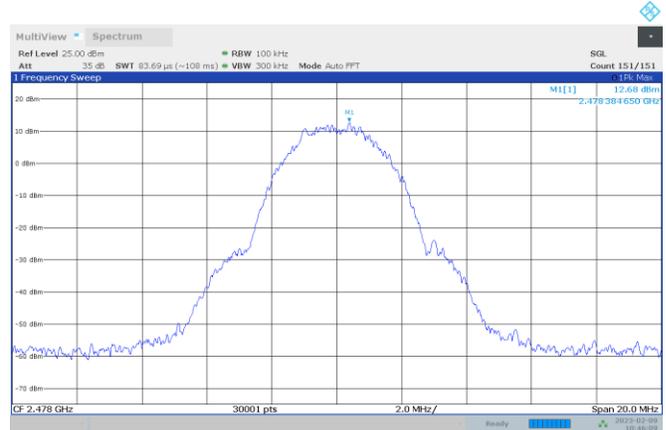


Figure 8.4-20: TSM-Bandwidth 3.6MHz conducted spurious emission reference level, 2478 MHz

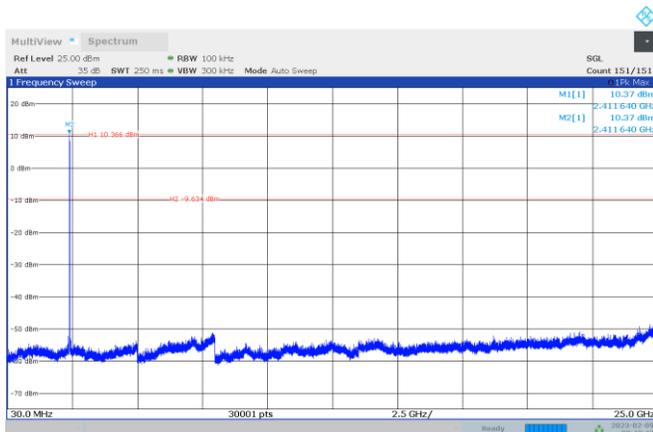


Figure 8.4-21: TSM-Bandwidth 10MHz conducted spurious emission, 2412 MHz

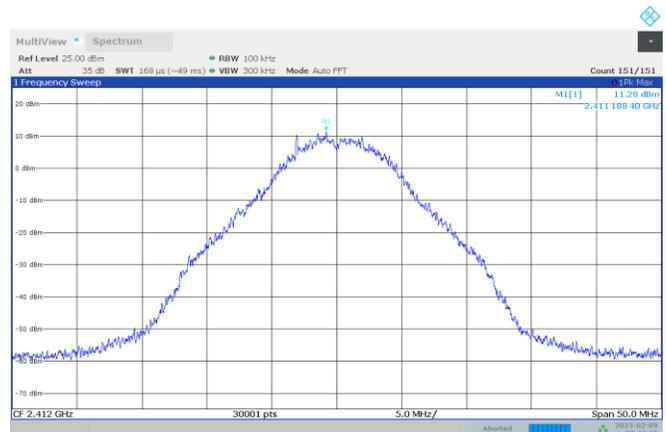


Figure 8.4-22: TSM-Bandwidth 10MHz conducted spurious emission reference level, 2412 MHz

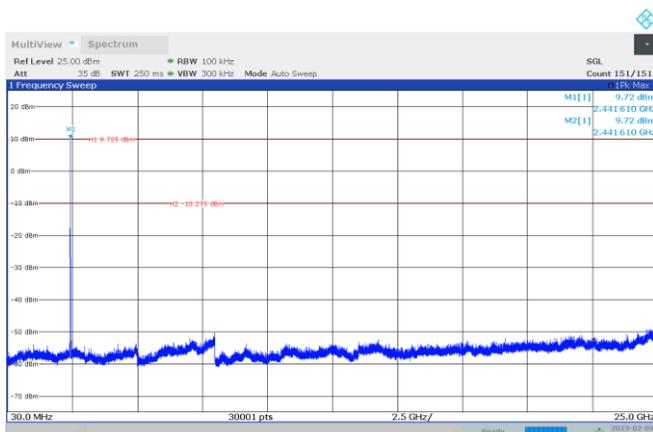


Figure 8.4-23: TSM-Bandwidth 10MHz conducted spurious emission, 2442 MHz

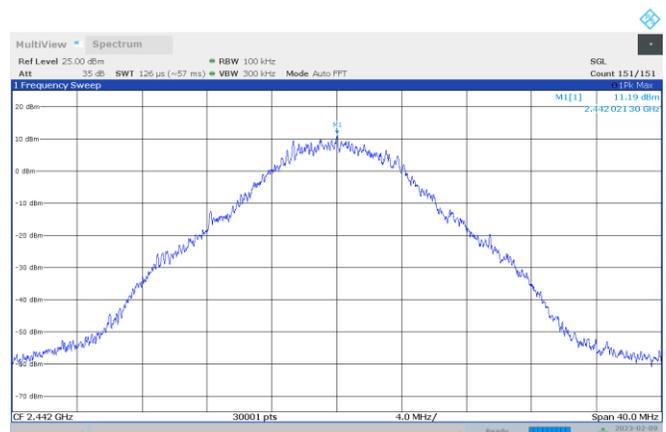


Figure 8.4-24: TSM-Bandwidth 10MHz conducted spurious emission reference level, 2442 MHz

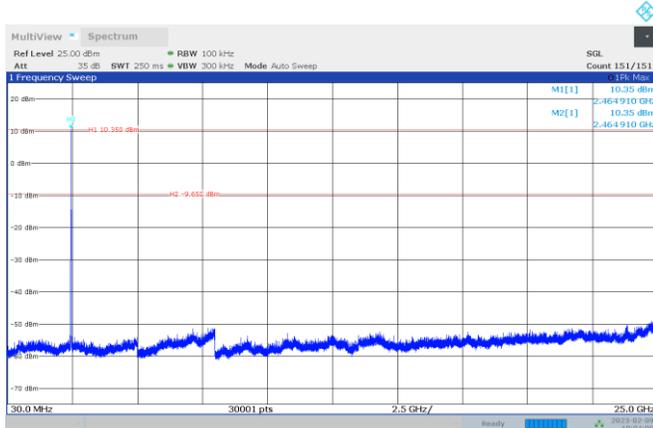


Figure 8.4-25: TSM-Bandwidth 10MHz conducted spurious emission, 2465 MHz

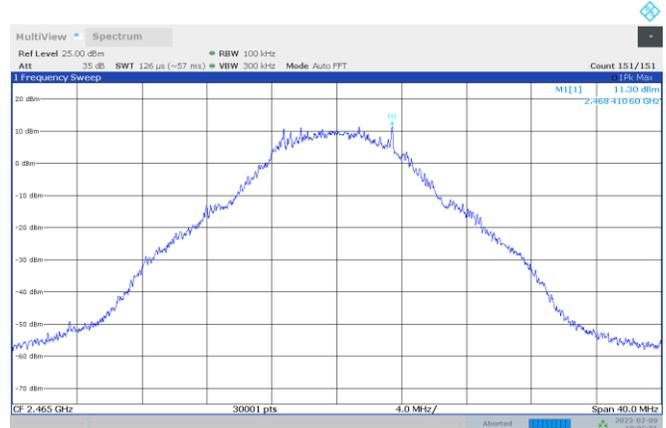


Figure 8.4-26: TSM-Bandwidth 10MHz conducted spurious emission reference level, 2465 MHz

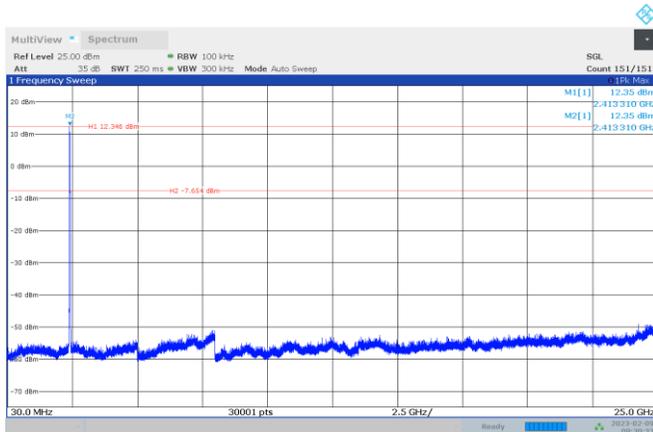


Figure 8.4-27: TSM-Bandwidth 20MHz conducted spurious emission, 2422 MHz

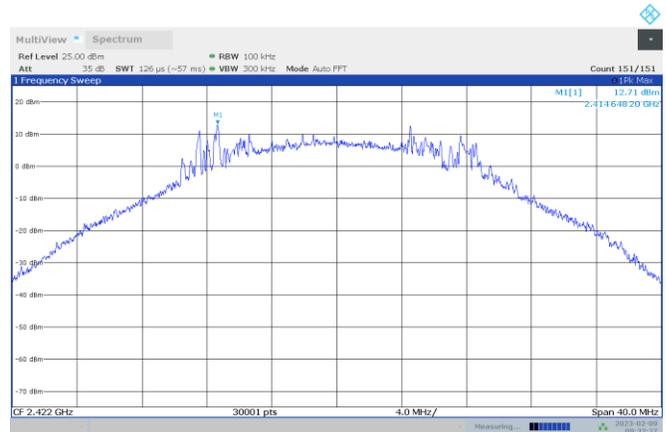


Figure 8.4-28: TSM-Bandwidth 20MHz conducted spurious emission reference level, 2422 MHz

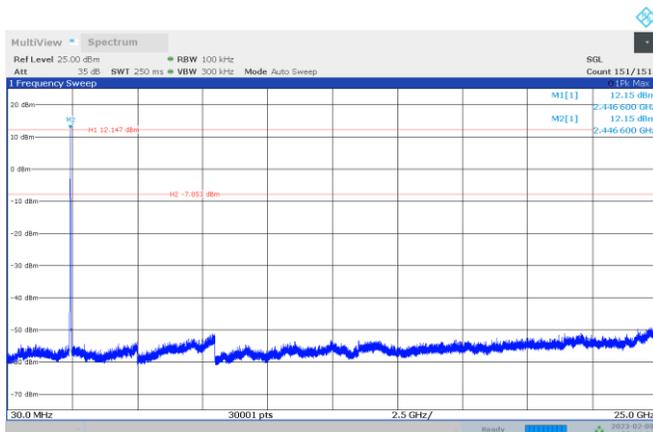


Figure 8.4-29: TSM-Bandwidth 20MHz conducted spurious emission, 2442 MHz

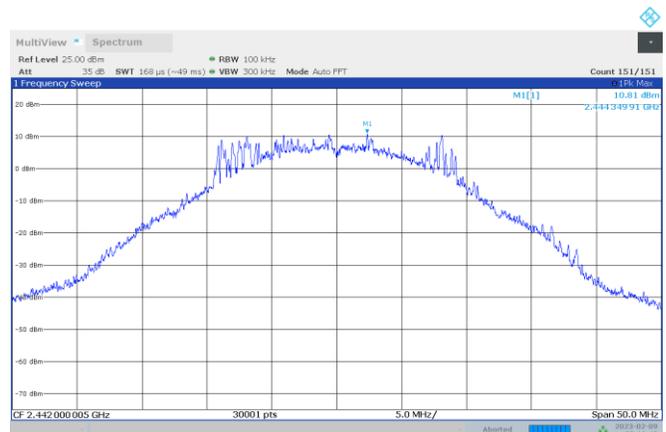


Figure 8.4-30: TSM-Bandwidth 20MHz conducted spurious emission reference level, 2442 MHz

Radiated restricted band edge emissions

TSM-BE-low-TW860-BW1.2-2403MHz

Full Spectrum

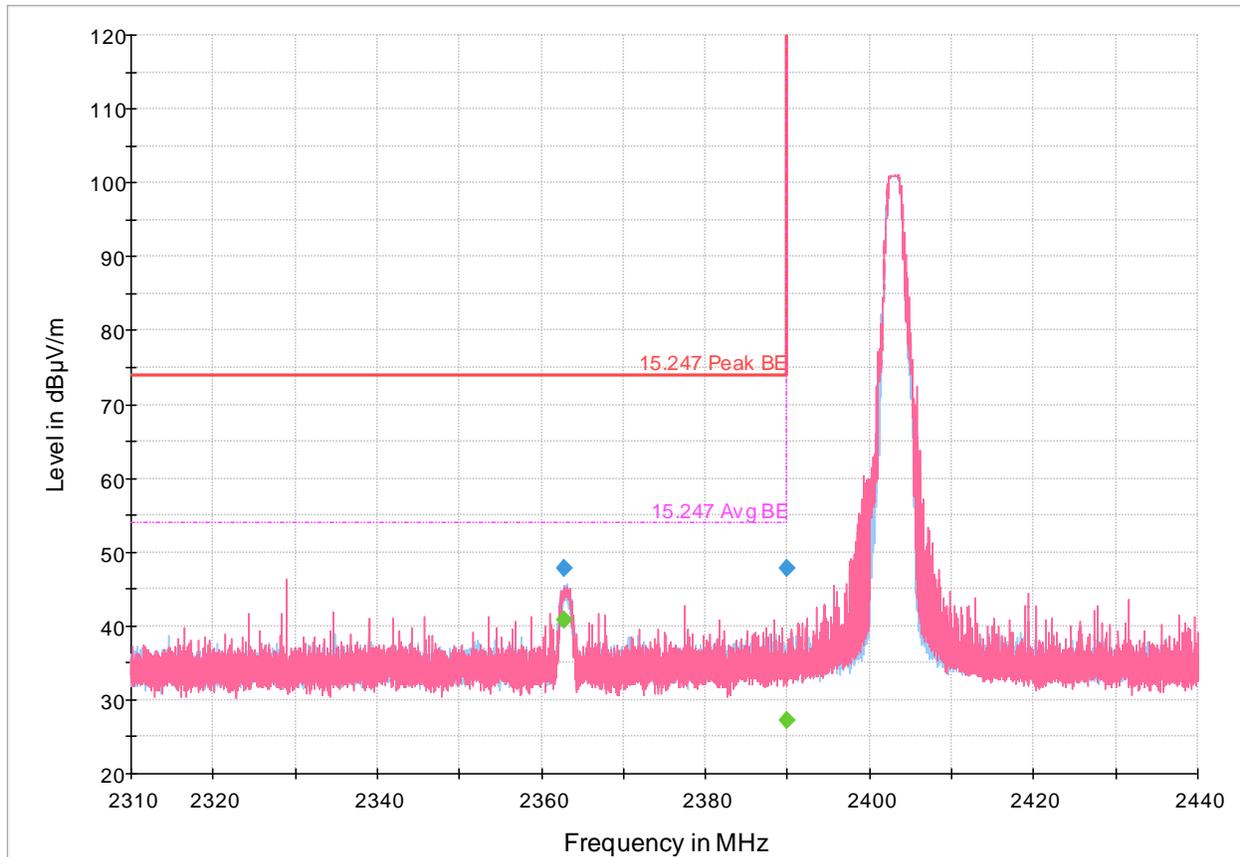


Figure 8.4-31: Radiated emissions spectral plot (2.31 GHz - 2.44 GHz)

Table 8.4-3: Radiated emissions results

| Frequency (MHz) | MaxPeak (dBµV/m) | CAverage (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|-------------------|----------------|-------------|-----------------|-----------------|-------------|-----|---------------|--------------|
| 2362.858000 | --- | 40.91 | 53.90 | 12.99 | 5000.0 | 1000.000 | 319.0 | H | 0.0 | -10.1 |
| 2362.858000 | 47.74 | --- | 73.90 | 26.16 | 5000.0 | 1000.000 | 319.0 | H | 0.0 | -10.1 |
| 2390.000000 | --- | 27.13 | 53.90 | 26.77 | 5000.0 | 1000.000 | 128.0 | V | 302.0 | -10.0 |
| 2390.000000 | 47.76 | --- | 73.90 | 26.14 | 5000.0 | 1000.000 | 128.0 | V | 302.0 | -10.0 |

Notes: ¹ Field strength (dB V/m) = receiver/spectrum analyzer value (dB V) + correction factor (dB)
² Correction factors = antenna factor ACF (dB) + cable loss (dB)
³ Emissions that were continuously present for a minimum of 1 second and occurred more than once for every 15 seconds observation period were considered valid emissions. The maximum value of valid emissions has been recorded.

TSM-BE-high-TW860-BW1.2-2478MHz
 Full Spectrum

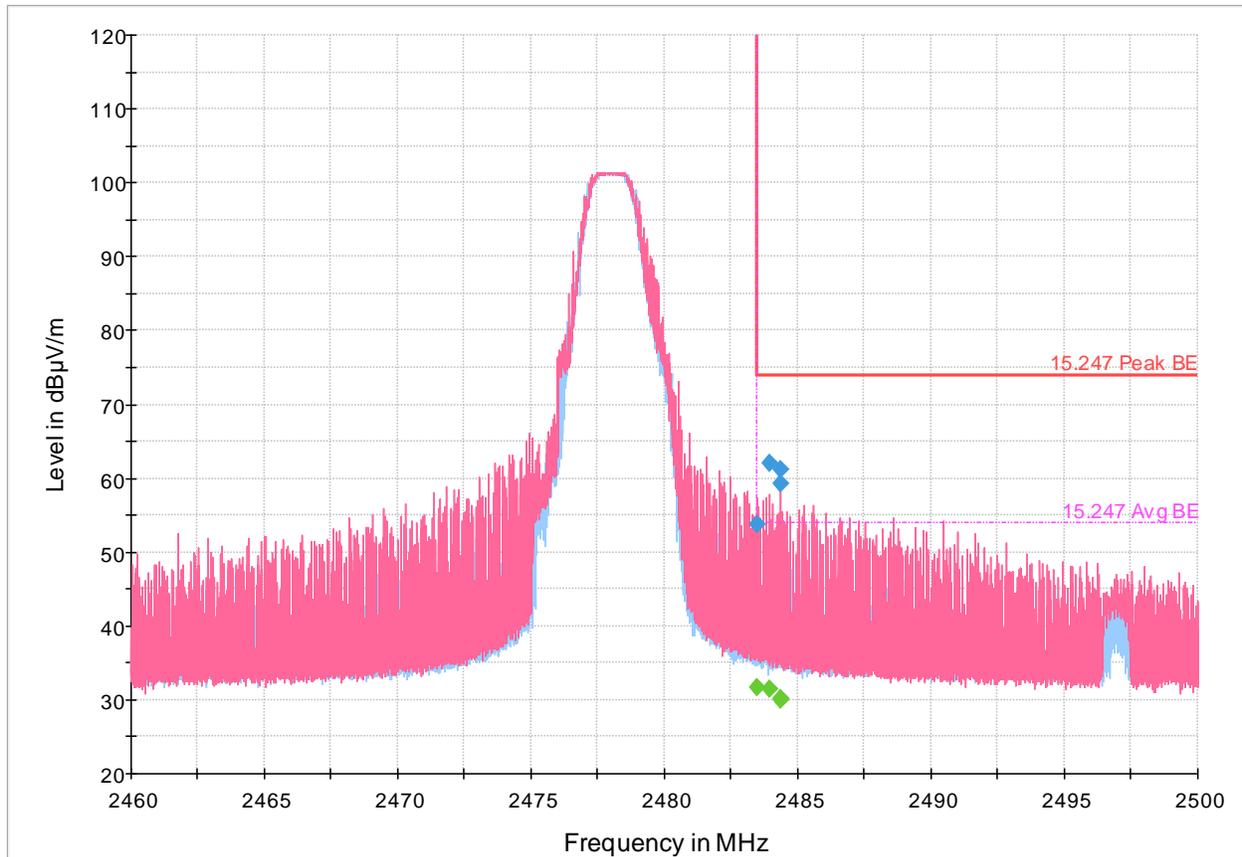


Figure 8.4-32: Radiated emissions spectral plot (2.46 GHz - 2.5 GHz)

Table 8.4-4: Radiated emissions results

| Frequency (MHz) | MaxPeak (dBµV/m) | CAverage (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|-------------------|----------------|-------------|-----------------|-----------------|-------------|-----|---------------|--------------|
| 2483.500000 | --- | 31.63 | 53.90 | 22.27 | 5000.0 | 1000.000 | 202.0 | H | 0.0 | -9.7 |
| 2483.500000 | 53.68 | --- | 73.90 | 20.22 | 5000.0 | 1000.000 | 202.0 | H | 0.0 | -9.7 |
| 2483.968000 | 61.97 | --- | 73.90 | 11.93 | 5000.0 | 1000.000 | 139.0 | V | 150.0 | -9.7 |
| 2483.968000 | --- | 31.42 | 53.90 | 22.48 | 5000.0 | 1000.000 | 139.0 | V | 150.0 | -9.7 |
| 2484.337333 | 59.34 | --- | 73.90 | 14.56 | 5000.0 | 1000.000 | 175.0 | V | 136.0 | -9.7 |
| 2484.337333 | --- | 30.01 | 53.90 | 23.89 | 5000.0 | 1000.000 | 186.0 | H | 341.0 | -9.7 |
| 2484.337333 | --- | 30.27 | 53.90 | 23.63 | 5000.0 | 1000.000 | 222.0 | V | 64.0 | -9.7 |
| 2484.337333 | 61.26 | --- | 73.90 | 12.64 | 5000.0 | 1000.000 | 222.0 | V | 64.0 | -9.7 |

Notes: ¹ Field strength (dB V/m) = receiver/spectrum analyzer value (dB V) + correction factor (dB)
² Correction factors = antenna factor ACF (dB) + cable loss (dB)
³ Emissions that were continuously present for a minimum of 1 second and occurred more than once for every 15 seconds observation period were considered valid emissions. The maximum value of valid emissions has been recorded.

TSM-BE-low-TW860-BW3.6-2404MHz
 Full Spectrum

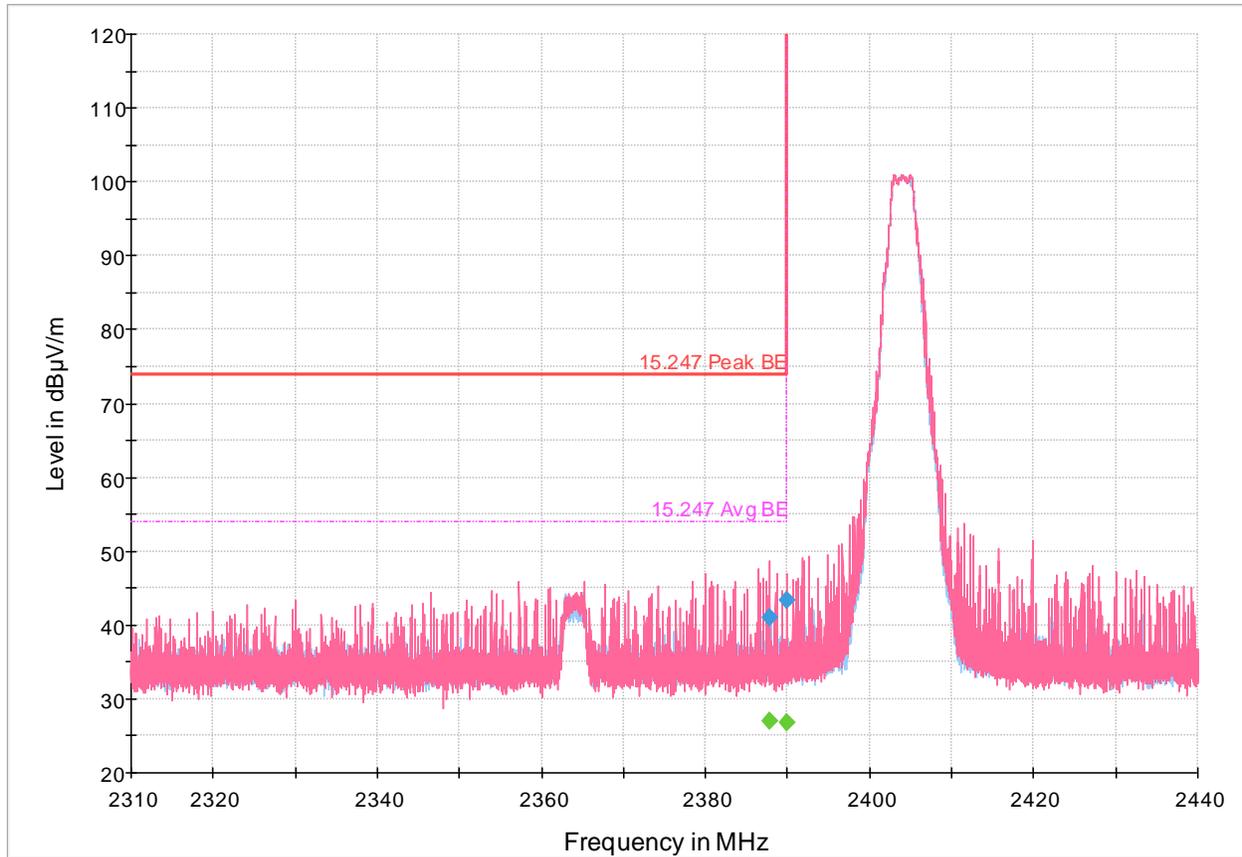


Figure 8.4-33: Radiated emissions spectral plot (2.31 GHz - 2.44 GHz)

Table 8.4-5: Radiated emissions results

| Frequency (MHz) | MaxPeak (dBµV/m) | CAverage (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|-------------------|----------------|-------------|-----------------|-----------------|-------------|-----|---------------|--------------|
| 2387.800667 | --- | 26.99 | 53.90 | 26.91 | 5000.0 | 1000.000 | 200.0 | H | 310.0 | -10.0 |
| 2387.800667 | 40.99 | --- | 73.90 | 32.91 | 5000.0 | 1000.000 | 200.0 | H | 310.0 | -10.0 |
| 2390.000000 | --- | 26.72 | 53.90 | 27.18 | 5000.0 | 1000.000 | 186.0 | H | 0.0 | -10.0 |
| 2390.000000 | 43.40 | --- | 73.90 | 30.50 | 5000.0 | 1000.000 | 186.0 | H | 0.0 | -10.0 |

Notes: ¹ Field strength (dB V/m) = receiver/spectrum analyzer value (dB V) + correction factor (dB)
² Correction factors = antenna factor ACF (dB) + cable loss (dB)
³ Emissions that were continuously present for a minimum of 1 second and occurred more than once for every 15 seconds observation period were considered valid emissions. The maximum value of valid emissions has been recorded.

TSM-BE-high-TW860-BW3.6-2478MHz
 Full Spectrum

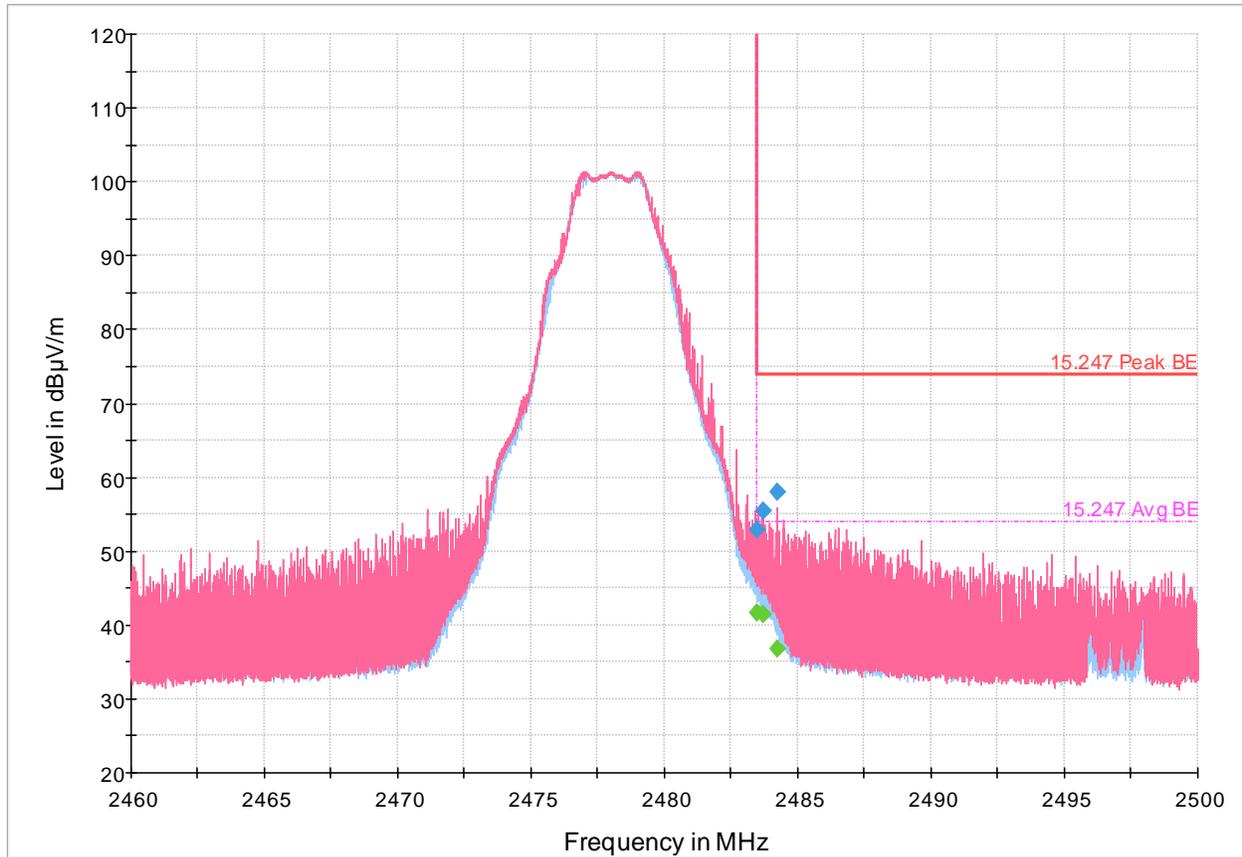


Figure 8.4-34: Radiated emissions spectral plot (2.46 GHz - 2.5 GHz)

Table 8.4-6: Radiated emissions results

| Frequency (MHz) | MaxPeak (dBµV/m) | CAverage (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|-------------------|----------------|-------------|-----------------|-----------------|-------------|-----|---------------|--------------|
| 2483.500000 | --- | 41.59 | 53.90 | 12.31 | 5000.0 | 1000.000 | 214.0 | H | 0.0 | -9.7 |
| 2483.500000 | 52.94 | --- | 73.90 | 20.96 | 5000.0 | 1000.000 | 214.0 | H | 0.0 | -9.7 |
| 2483.716000 | --- | 41.35 | 53.90 | 12.55 | 5000.0 | 1000.000 | 180.0 | V | 330.0 | -9.7 |
| 2483.716000 | 55.49 | --- | 73.90 | 18.41 | 5000.0 | 1000.000 | 180.0 | V | 330.0 | -9.7 |
| 2484.230667 | --- | 36.87 | 53.90 | 17.03 | 5000.0 | 1000.000 | 132.0 | V | 199.0 | -9.7 |
| 2484.230667 | 57.94 | --- | 73.90 | 15.96 | 5000.0 | 1000.000 | 132.0 | V | 199.0 | -9.7 |

Notes: ¹ Field strength (dB V/m) = receiver/spectrum analyzer value (dB V) + correction factor (dB)
² Correction factors = antenna factor ACF (dB) + cable loss (dB)
³ Emissions that were continuously present for a minimum of 1 second and occurred more than once for every 15 seconds observation period were considered valid emissions. The maximum value of valid emissions has been recorded.

TSM-BE-low-TW860-BW10-2412MHz
 Full Spectrum

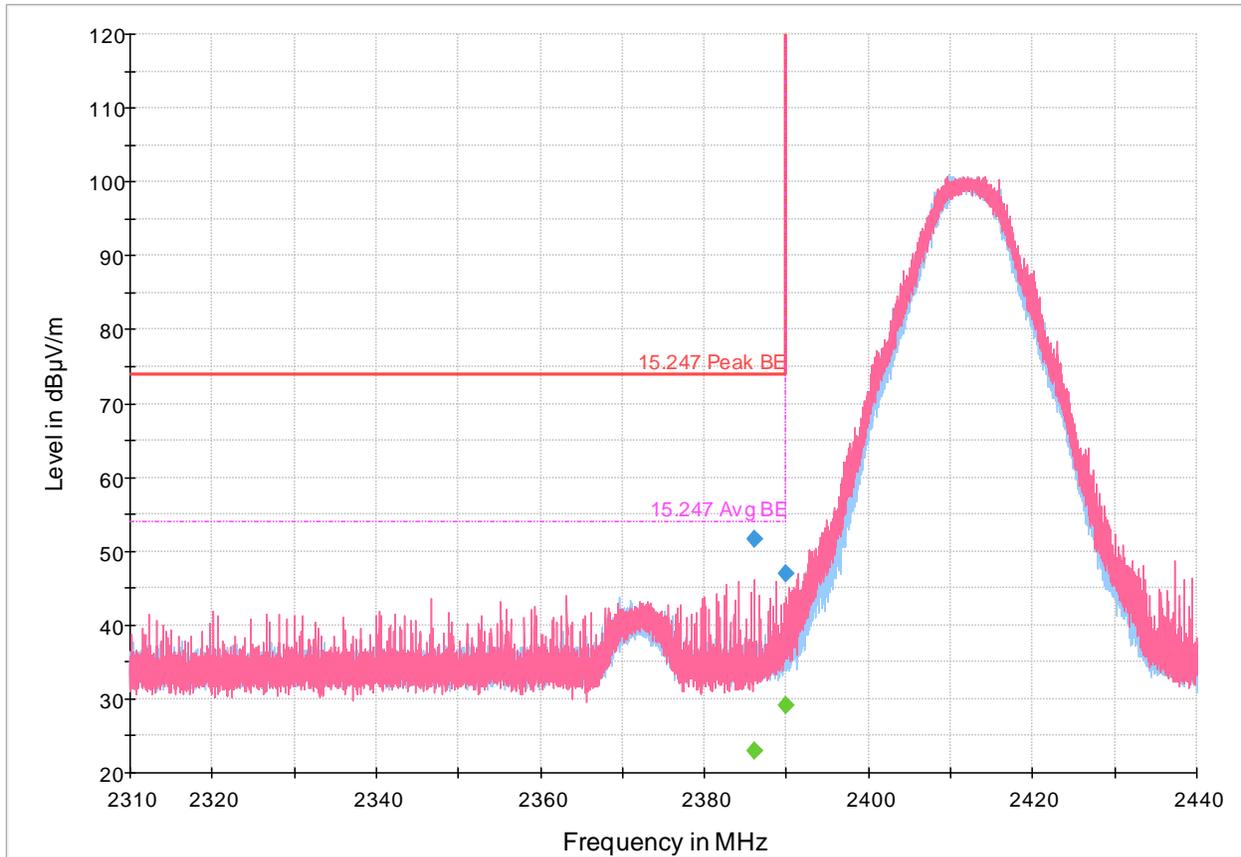


Figure 8.4-35: Radiated emissions spectral plot (2.31 GHz - 2.44 GHz)

Table 8.4-7: Radiated emissions results

| Frequency (MHz) | MaxPeak (dBµV/m) | CAverage (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|-------------------|----------------|-------------|-----------------|-----------------|-------------|-----|---------------|--------------|
| 2386.145333 | 51.73 | --- | 73.90 | 22.17 | 5000.0 | 1000.000 | 136.0 | V | 201.0 | -10.0 |
| 2386.145333 | --- | 22.98 | 53.90 | 30.92 | 5000.0 | 1000.000 | 136.0 | V | 201.0 | -10.0 |
| 2390.000000 | 46.92 | --- | 73.90 | 26.98 | 5000.0 | 1000.000 | 135.0 | H | 0.0 | -10.0 |
| 2390.000000 | --- | 29.13 | 53.90 | 24.77 | 5000.0 | 1000.000 | 135.0 | H | 0.0 | -10.0 |

Notes: ¹ Field strength (dB V/m) = receiver/spectrum analyzer value (dB V) + correction factor (dB)
² Correction factors = antenna factor ACF (dB) + cable loss (dB)
³ Emissions that were continuously present for a minimum of 1 second and occurred more than once for every 15 seconds observation period were considered valid emissions. The maximum value of valid emissions has been recorded.

TSM-BE-high-TW860-BW10-2465MHz

Full Spectrum

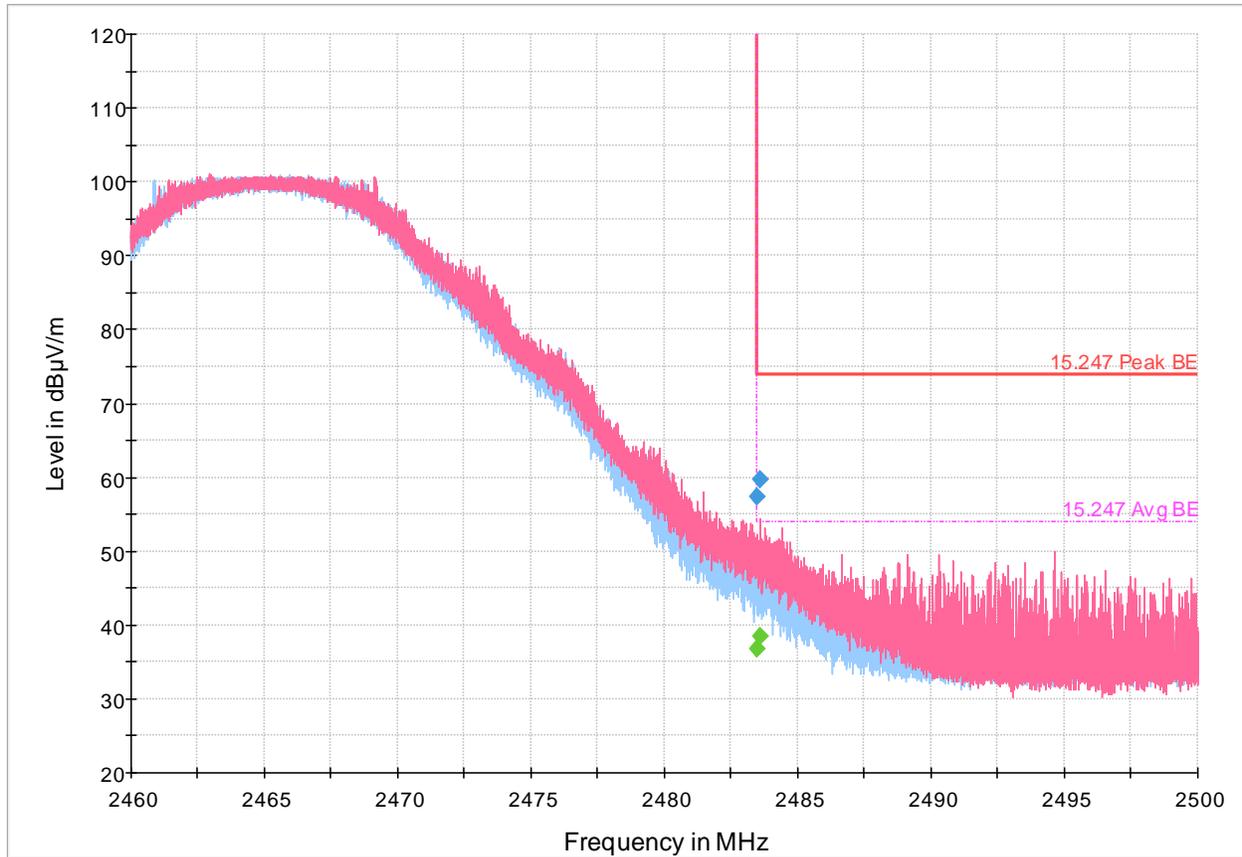


Figure 8.4-36: Radiated emissions spectral plot (2.46 GHz - 2.5 GHz)

Table 8.4-8: Radiated emissions results

| Frequency (MHz) | MaxPeak (dBµV/m) | CAverage (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|-------------------|----------------|-------------|-----------------|-----------------|-------------|-----|---------------|--------------|
| 2483.500000 | --- | 36.81 | 53.90 | 17.09 | 5000.0 | 1000.000 | 389.0 | V | 177.0 | -9.7 |
| 2483.500000 | 57.39 | --- | 73.90 | 16.51 | 5000.0 | 1000.000 | 389.0 | V | 177.0 | -9.7 |
| 2483.612000 | --- | 38.52 | 53.90 | 15.38 | 5000.0 | 1000.000 | 151.0 | V | 37.0 | -9.7 |
| 2483.612000 | 59.68 | --- | 73.90 | 14.22 | 5000.0 | 1000.000 | 151.0 | V | 37.0 | -9.7 |

Notes: ¹ Field strength (dB V/m) = receiver/spectrum analyzer value (dB V) + correction factor (dB)
² Correction factors = antenna factor ACF (dB) + cable loss (dB)
³ Emissions that were continuously present for a minimum of 1 second and occurred more than once for every 15 seconds observation period were considered valid emissions. The maximum value of valid emissions has been recorded.

TSM-BE-low-TW860-BW20-2422MHz
 Full Spectrum

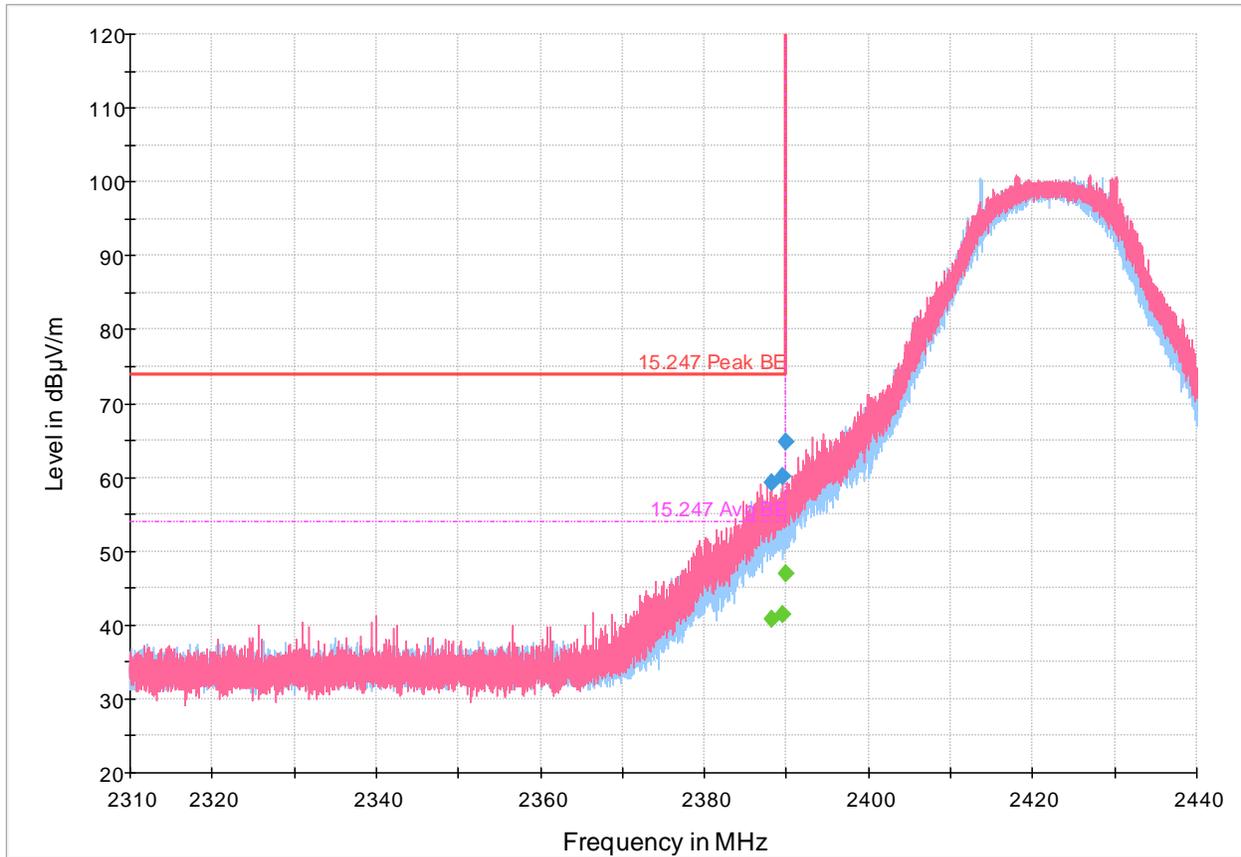


Figure 8.4-37: Radiated emissions spectral plot (2.31 GHz - 2.44 GHz)

Table 8.4-9: Radiated emissions results

| Frequency (MHz) | MaxPeak (dBµV/m) | CAverage (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|-------------------|----------------|-------------|-----------------|-----------------|-------------|-----|---------------|--------------|
| 2388.182000 | 59.28 | --- | 73.90 | 14.62 | 5000.0 | 1000.000 | 383.0 | V | 149.0 | -10.0 |
| 2388.182000 | --- | 40.84 | 53.90 | 13.06 | 5000.0 | 1000.000 | 383.0 | V | 149.0 | -10.0 |
| 2389.447333 | 60.04 | --- | 73.90 | 13.86 | 5000.0 | 1000.000 | 288.0 | H | 0.0 | -10.0 |
| 2389.447333 | --- | 41.54 | 53.90 | 12.36 | 5000.0 | 1000.000 | 288.0 | H | 0.0 | -10.0 |
| 2390.000000 | --- | 47.00 | 53.90 | 6.90 | 5000.0 | 1000.000 | 302.0 | V | 119.0 | -10.0 |
| 2390.000000 | 64.84 | --- | 73.90 | 9.06 | 5000.0 | 1000.000 | 302.0 | V | 119.0 | -10.0 |

Notes: ¹ Field strength (dB V/m) = receiver/spectrum analyzer value (dB V) + correction factor (dB)

² Correction factors = antenna factor ACF (dB) + cable loss (dB)

³ Emissions that were continuously present for a minimum of 1 second and occurred more than once for every 15 seconds observation period were considered valid emissions. The maximum value of valid emissions has been recorded.

TSM-BE-high-TW860-BW20-2442MHz
 Full Spectrum

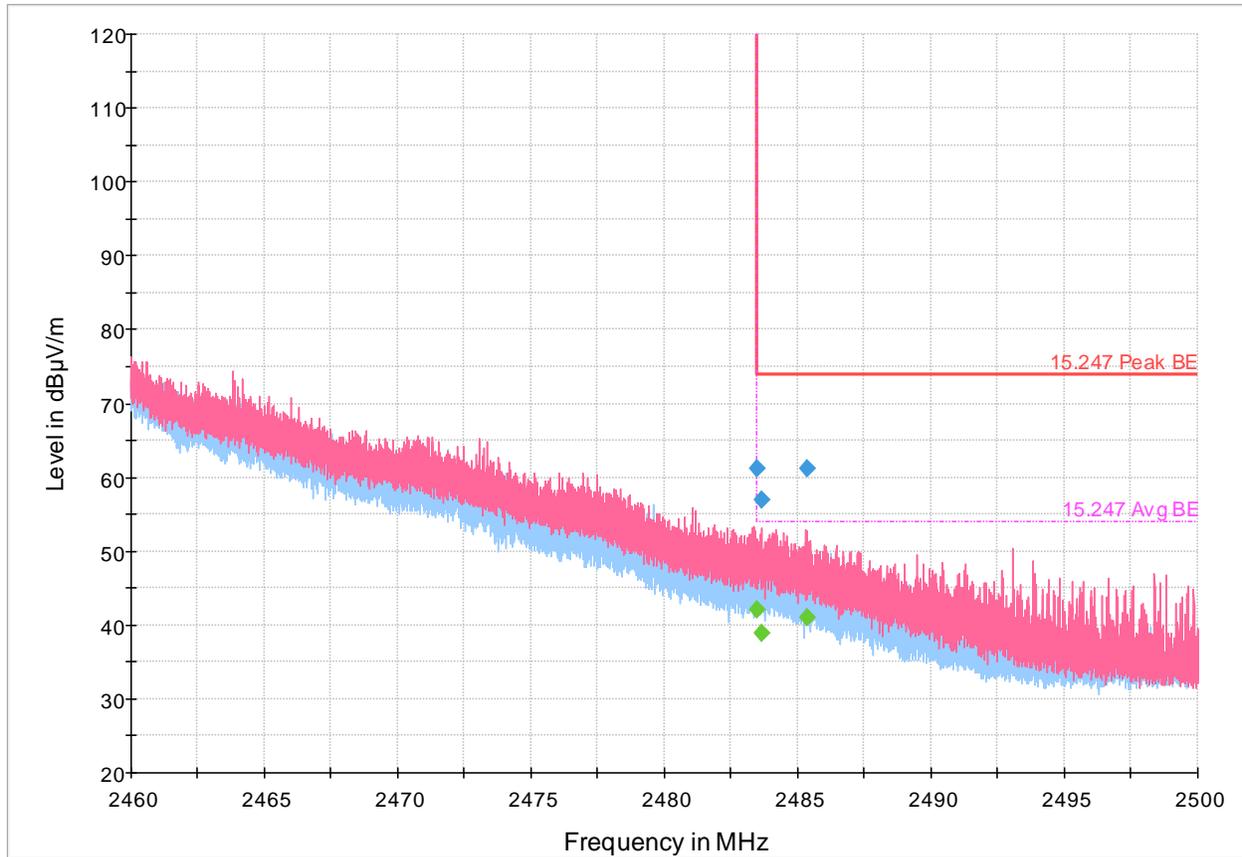


Figure 8.4-38: Radiated emissions spectral plot (2.46 GHz - 2.5 GHz)

Table 8.4-10: Radiated emissions results

| Frequency (MHz) | MaxPeak (dBµV/m) | CAverage (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|-------------------|----------------|-------------|-----------------|-----------------|-------------|-----|---------------|--------------|
| 2483.500000 | 61.23 | --- | 73.90 | 12.67 | 5000.0 | 1000.000 | 296.0 | V | 51.0 | -9.7 |
| 2483.500000 | --- | 42.14 | 53.90 | 11.76 | 5000.0 | 1000.000 | 296.0 | V | 51.0 | -9.7 |
| 2483.630667 | 56.97 | --- | 73.90 | 16.93 | 5000.0 | 1000.000 | 234.0 | H | 0.0 | -9.7 |
| 2483.630667 | --- | 38.98 | 53.90 | 14.92 | 5000.0 | 1000.000 | 234.0 | H | 0.0 | -9.7 |
| 2485.326667 | --- | 40.94 | 53.90 | 12.96 | 5000.0 | 1000.000 | 298.0 | V | 50.0 | -9.7 |
| 2485.326667 | 61.16 | --- | 73.90 | 12.74 | 5000.0 | 1000.000 | 298.0 | V | 50.0 | -9.7 |

Notes: ¹ Field strength (dB V/m) = receiver/spectrum analyzer value (dB V) + correction factor (dB)
² Correction factors = antenna factor ACF (dB) + cable loss (dB)
³ Emissions that were continuously present for a minimum of 1 second and occurred more than once for every 15 seconds observation period were considered valid emissions. The maximum value of valid emissions has been recorded.

Radiated emissions in restricted bands

TSM-RE-30-1000MHz-TW860-BW3.6-2403MHz

Full Spectrum

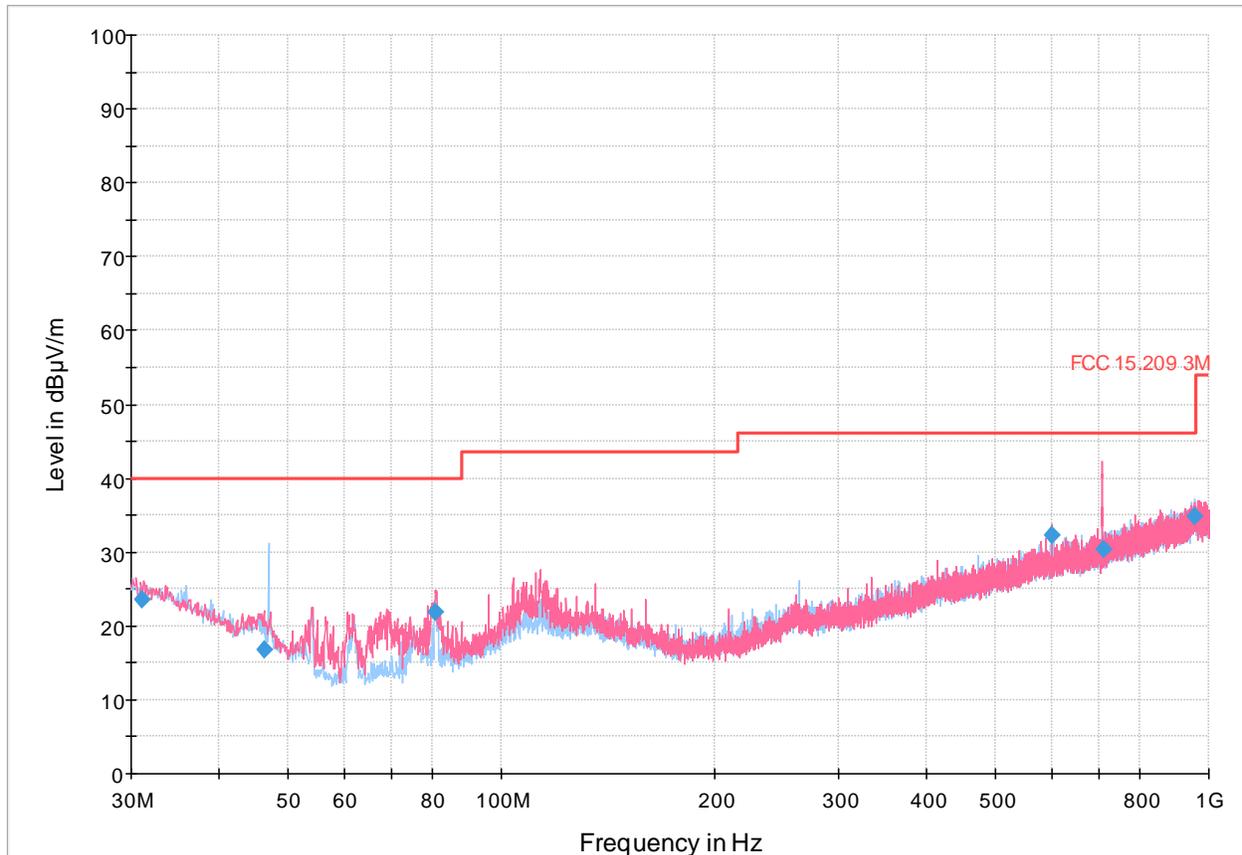


Figure 8.4-39: Radiated emissions spectral plot (30 MHz - 1 GHz)

Table 8.4-11: Radiated emissions results

| Frequency (MHz) | QuasiPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|--------------------|----------------|-------------|-----------------|-----------------|-------------|-----|---------------|--------------|
| 31.080000 | 23.62 | 40.00 | 16.38 | 5000.0 | 120.000 | 212.0 | V | 21.0 | 26.0 |
| 46.295000 | 16.80 | 40.00 | 23.20 | 5000.0 | 120.000 | 155.0 | H | 317.0 | 17.9 |
| 80.931000 | 21.94 | 40.00 | 18.06 | 5000.0 | 120.000 | 361.0 | V | 308.0 | 15.2 |
| 600.029000 | 32.23 | 46.00 | 13.77 | 5000.0 | 120.000 | 200.0 | V | 353.0 | 29.1 |
| 708.807000 | 30.33 | 46.00 | 15.67 | 5000.0 | 120.000 | 357.0 | V | 317.0 | 30.6 |
| 956.058000 | 34.74 | 46.00 | 11.26 | 5000.0 | 120.000 | 356.0 | H | 302.0 | 34.9 |

Notes: ¹ Field strength (dB V/m) = receiver/spectrum analyzer value (dB V) + correction factor (dB)
² Correction factors = antenna factor ACF (dB) + cable loss (dB)
³ Emissions that were continuously present for a minimum of 1 second and occurred more than once for every 15 seconds observation period were considered valid emissions. The maximum value of valid emissions has been recorded.

TSM-RE-30-1000MHz-TW860-BW3.6-2442MHz
 Full Spectrum

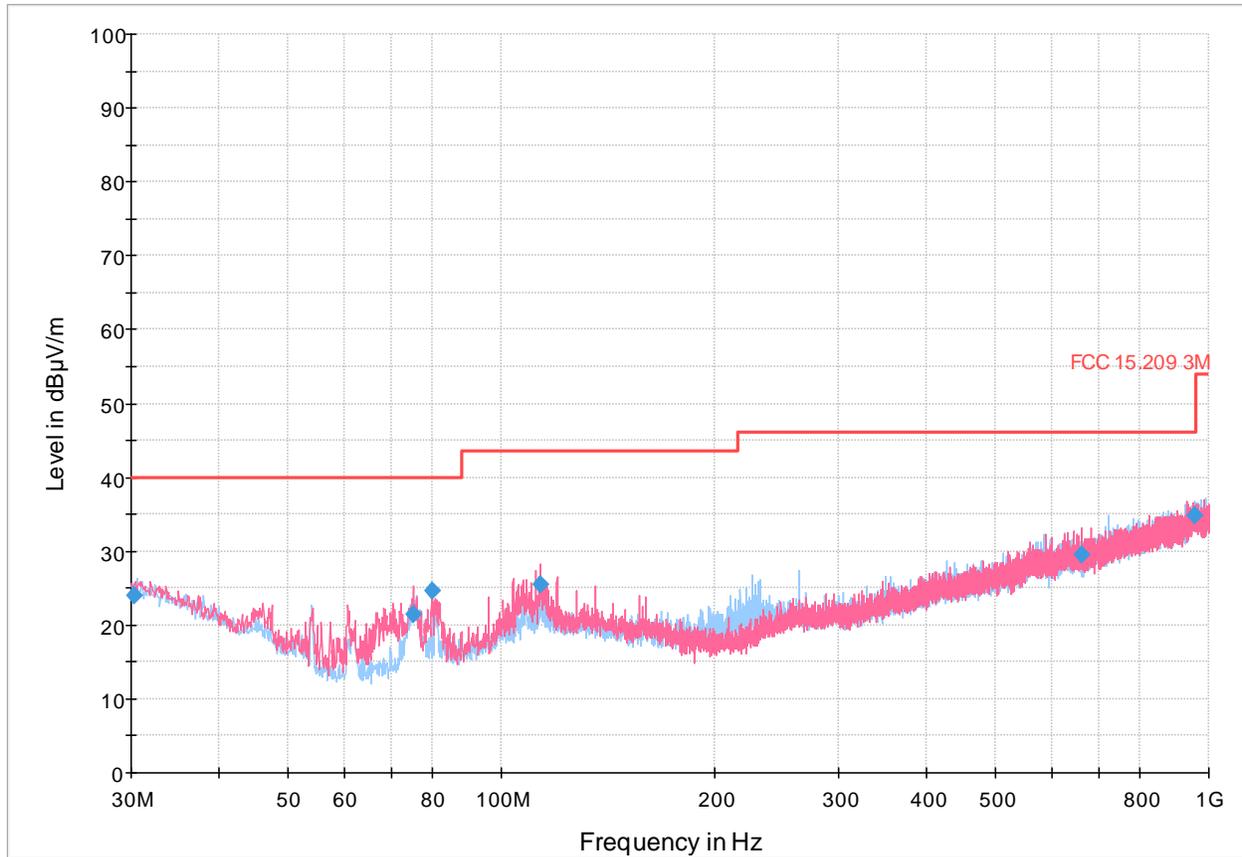


Figure 8.4-40: Radiated emissions spectral plot (30 MHz - 1 GHz)

Table 8.4-12: Radiated emissions results

| Frequency (MHz) | QuasiPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|--------------------|----------------|-------------|-----------------|-----------------|-------------|-----|---------------|--------------|
| 30.240000 | 24.01 | 40.00 | 15.99 | 5000.0 | 120.000 | 137.0 | H | 75.0 | 26.5 |
| 75.042000 | 21.37 | 40.00 | 18.63 | 5000.0 | 120.000 | 133.0 | V | 122.0 | 14.5 |
| 79.995000 | 24.62 | 40.00 | 15.38 | 5000.0 | 120.000 | 247.0 | H | 355.0 | 15.1 |
| 113.654000 | 25.51 | 43.50 | 17.99 | 5000.0 | 120.000 | 377.0 | V | 34.0 | 19.2 |
| 661.632000 | 29.46 | 46.00 | 16.54 | 5000.0 | 120.000 | 400.0 | V | 343.0 | 29.9 |
| 955.569000 | 34.76 | 46.00 | 11.24 | 5000.0 | 120.000 | 132.0 | H | 357.0 | 34.9 |

Notes: ¹ Field strength (dB V/m) = receiver/spectrum analyzer value (dB V) + correction factor (dB)
² Correction factors = antenna factor ACF (dB) + cable loss (dB)
³ Emissions that were continuously present for a minimum of 1 second and occurred more than once for every 15 seconds observation period were considered valid emissions. The maximum value of valid emissions has been recorded.

TSM-RE-30-1000MHz-TW860-BW3.6-2478MHz
 Full Spectrum

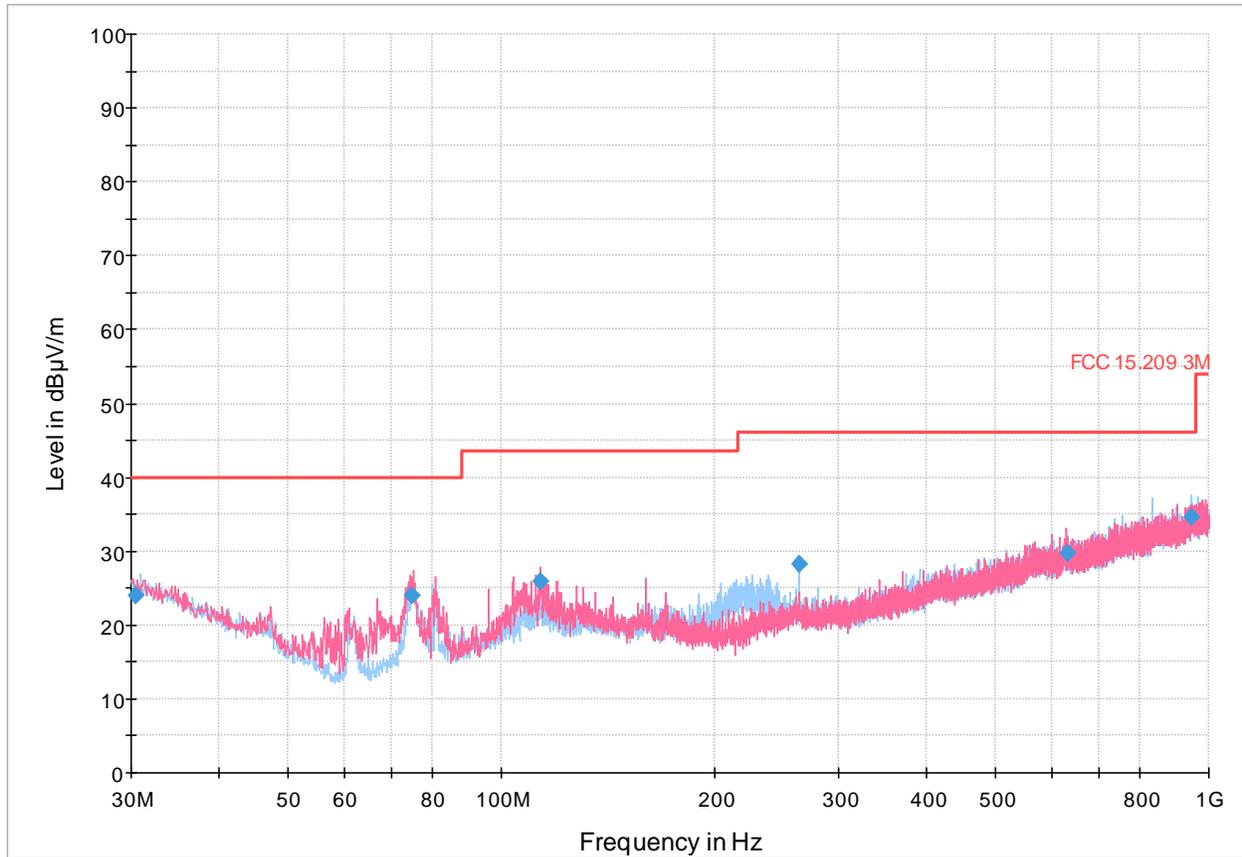


Figure 8.4-41: Radiated emissions spectral plot (30 MHz - 1 GHz)

Table 8.4-13: Radiated emissions results

| Frequency (MHz) | QuasiPeak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|--------------------|----------------|-------------|-----------------|-----------------|-------------|-----|---------------|--------------|
| 30.480000 | 23.90 | 40.00 | 16.10 | 5000.0 | 120.000 | 389.0 | H | 47.0 | 26.3 |
| 74.825000 | 24.01 | 40.00 | 15.99 | 5000.0 | 120.000 | 104.0 | V | 84.0 | 14.5 |
| 113.654000 | 25.86 | 43.50 | 17.64 | 5000.0 | 120.000 | 384.0 | V | 141.0 | 19.2 |
| 264.004000 | 28.27 | 46.00 | 17.73 | 5000.0 | 120.000 | 122.0 | H | 60.0 | 21.8 |
| 630.242000 | 29.77 | 46.00 | 16.23 | 5000.0 | 120.000 | 256.0 | V | 50.0 | 30.0 |
| 945.817000 | 34.57 | 46.00 | 11.43 | 5000.0 | 120.000 | 276.0 | H | 254.0 | 34.8 |

Notes: ¹ Field strength (dB V/m) = receiver/spectrum analyzer value (dB V) + correction factor (dB)
² Correction factors = antenna factor ACF (dB) + cable loss (dB)
³ Emissions that were continuously present for a minimum of 1 second and occurred more than once for every 15 seconds observation period were considered valid emissions. The maximum value of valid emissions has been recorded.

TSM-RE-1-18GHz-TW860-BW3.6-2404MHz
 Full Spectrum

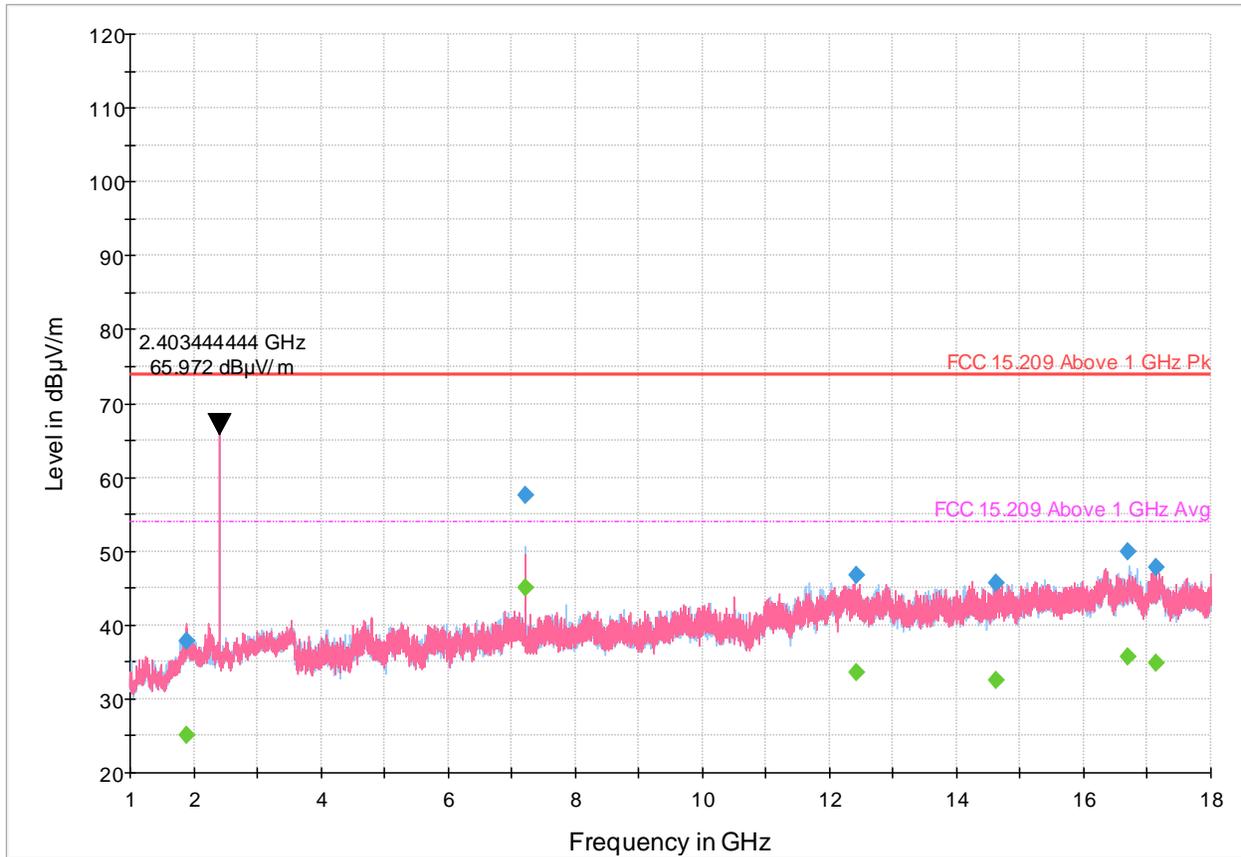


Figure 8.4-42: Radiated emissions spectral plot (1 GHz - 18 GHz)

Table 8.4-14: Radiated emissions results

| Frequency (MHz) | MaxPeak (dBµV/m) | CAverage (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|-------------------|----------------|-------------|-----------------|-----------------|-------------|-----|---------------|--------------|
| 1881.488889 | 37.82 | --- | 73.90 | 36.08 | 5000.0 | 1000.000 | 161.0 | V | 324.0 | -10.7 |
| 1881.488889 | --- | 25.14 | 53.90 | 28.76 | 5000.0 | 1000.000 | 161.0 | V | 324.0 | -10.7 |
| 7209.211111 | 57.67 | --- | 73.90 | 16.23 | 5000.0 | 1000.000 | 164.0 | H | 88.0 | 0.4 |
| 7209.211111 | --- | 45.03 | 53.90 | 8.87 | 5000.0 | 1000.000 | 164.0 | H | 88.0 | 0.4 |
| 12413.400000 | 46.78 | --- | 73.90 | 27.12 | 5000.0 | 1000.000 | 292.0 | H | 0.0 | 7.3 |
| 12413.400000 | --- | 33.56 | 53.90 | 20.34 | 5000.0 | 1000.000 | 292.0 | H | 0.0 | 7.3 |
| 14629.922222 | --- | 32.52 | 53.90 | 21.38 | 5000.0 | 1000.000 | 114.0 | V | 238.0 | 9.3 |
| 14629.922222 | 45.66 | --- | 73.90 | 28.24 | 5000.0 | 1000.000 | 114.0 | V | 238.0 | 9.3 |
| 16701.966667 | 49.86 | --- | 73.90 | 24.04 | 5000.0 | 1000.000 | 255.0 | H | 344.0 | 14.7 |
| 16701.966667 | --- | 35.70 | 53.90 | 18.20 | 5000.0 | 1000.000 | 255.0 | H | 344.0 | 14.7 |
| 17130.500000 | --- | 34.89 | 53.90 | 19.01 | 5000.0 | 1000.000 | 120.0 | V | 224.0 | 14.0 |
| 17130.500000 | 47.88 | --- | 73.90 | 26.02 | 5000.0 | 1000.000 | 120.0 | V | 224.0 | 14.0 |

Notes: ¹ Field strength (dB V/m) = receiver/spectrum analyzer value (dB V) + correction factor (dB)
² Correction factors = antenna factor ACF (dB) + cable loss (dB)
³ Emissions that were continuously present for a minimum of 1 second and occurred more than once for every 15 seconds observation period were considered valid emissions. The maximum value of valid emissions has been recorded.

TSM-RE-1-18GHz-TW860-BW3.6-2442MHz
 Full Spectrum

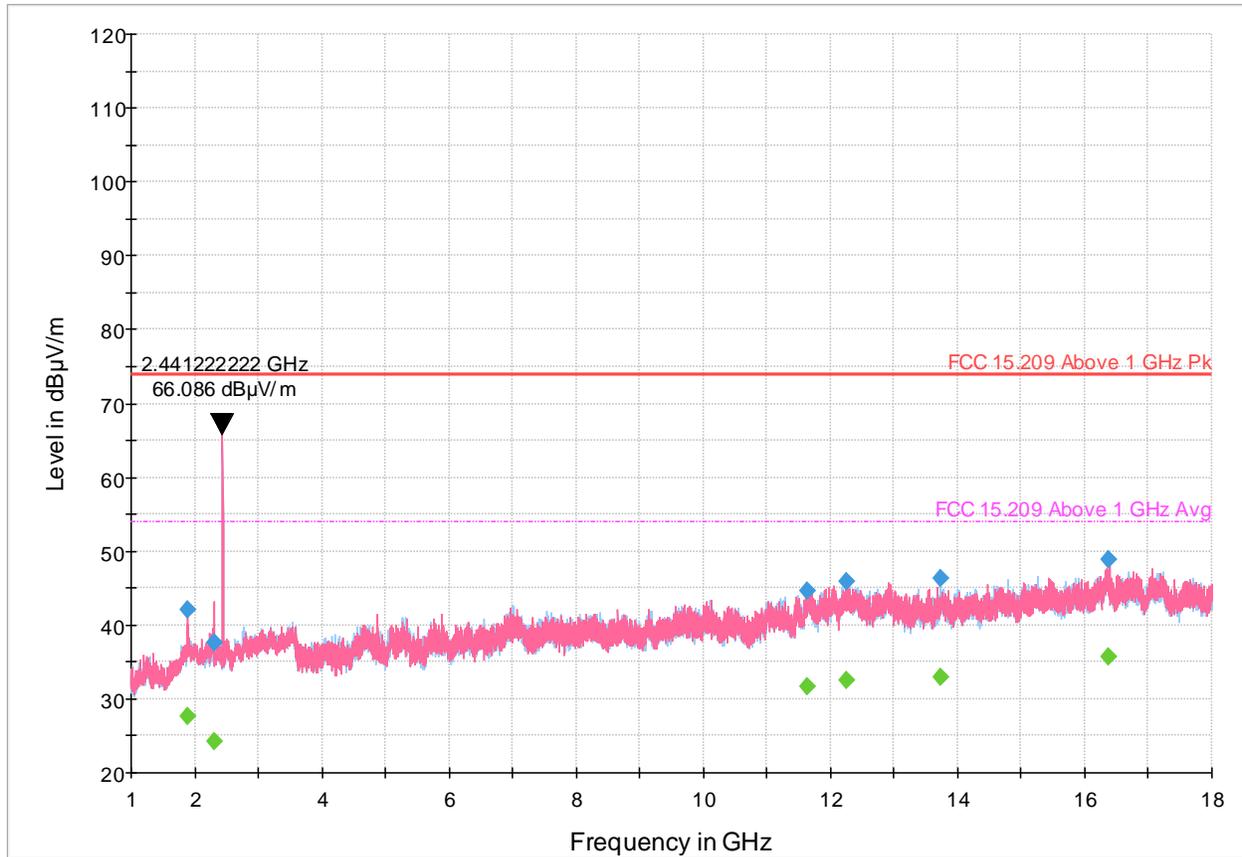


Figure 8.4-43: Radiated emissions spectral plot (1 GHz - 18 GHz)

Table 8.4-15: Radiated emissions results

| Frequency (MHz) | MaxPeak (dBµV/m) | CAverage (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|-------------------|----------------|-------------|-----------------|-----------------|-------------|-----|---------------|--------------|
| 1894.611111 | --- | 27.65 | 53.90 | 26.25 | 5000.0 | 1000.000 | 328.0 | V | 288.0 | -10.8 |
| 1894.611111 | 42.00 | --- | 73.90 | 31.90 | 5000.0 | 1000.000 | 328.0 | V | 288.0 | -10.8 |
| 2305.944444 | --- | 24.20 | 53.90 | 29.70 | 5000.0 | 1000.000 | 378.0 | V | 242.0 | -10.6 |
| 2305.944444 | 37.69 | --- | 73.90 | 36.21 | 5000.0 | 1000.000 | 378.0 | V | 242.0 | -10.6 |
| 11630.922222 | 44.55 | --- | 73.90 | 29.35 | 5000.0 | 1000.000 | 194.0 | H | 264.0 | 4.9 |
| 11630.922222 | --- | 31.58 | 53.90 | 22.32 | 5000.0 | 1000.000 | 194.0 | H | 264.0 | 4.9 |
| 12261.511111 | --- | 32.60 | 53.90 | 21.30 | 5000.0 | 1000.000 | 190.0 | V | 286.0 | 7.0 |
| 12261.511111 | 45.82 | --- | 73.90 | 28.08 | 5000.0 | 1000.000 | 190.0 | V | 286.0 | 7.0 |
| 13731.733333 | 46.41 | --- | 73.90 | 27.49 | 5000.0 | 1000.000 | 226.0 | H | 0.0 | 9.7 |
| 13731.733333 | --- | 32.86 | 53.90 | 21.04 | 5000.0 | 1000.000 | 226.0 | H | 0.0 | 9.7 |
| 16366.188889 | 48.81 | --- | 73.90 | 25.09 | 5000.0 | 1000.000 | 107.0 | H | 300.0 | 12.9 |
| 16366.188889 | --- | 35.78 | 53.90 | 18.12 | 5000.0 | 1000.000 | 107.0 | H | 300.0 | 12.9 |

Notes: ¹ Field strength (dB V/m) = receiver/spectrum analyzer value (dB V) + correction factor (dB)
² Correction factors = antenna factor ACF (dB) + cable loss (dB)
³ Emissions that were continuously present for a minimum of 1 second and occurred more than once for every 15 seconds observation period were considered valid emissions. The maximum value of valid emissions has been recorded.

TSM-RE-1-18GHz-TW860-BW3.6-2478MHz
 Full Spectrum

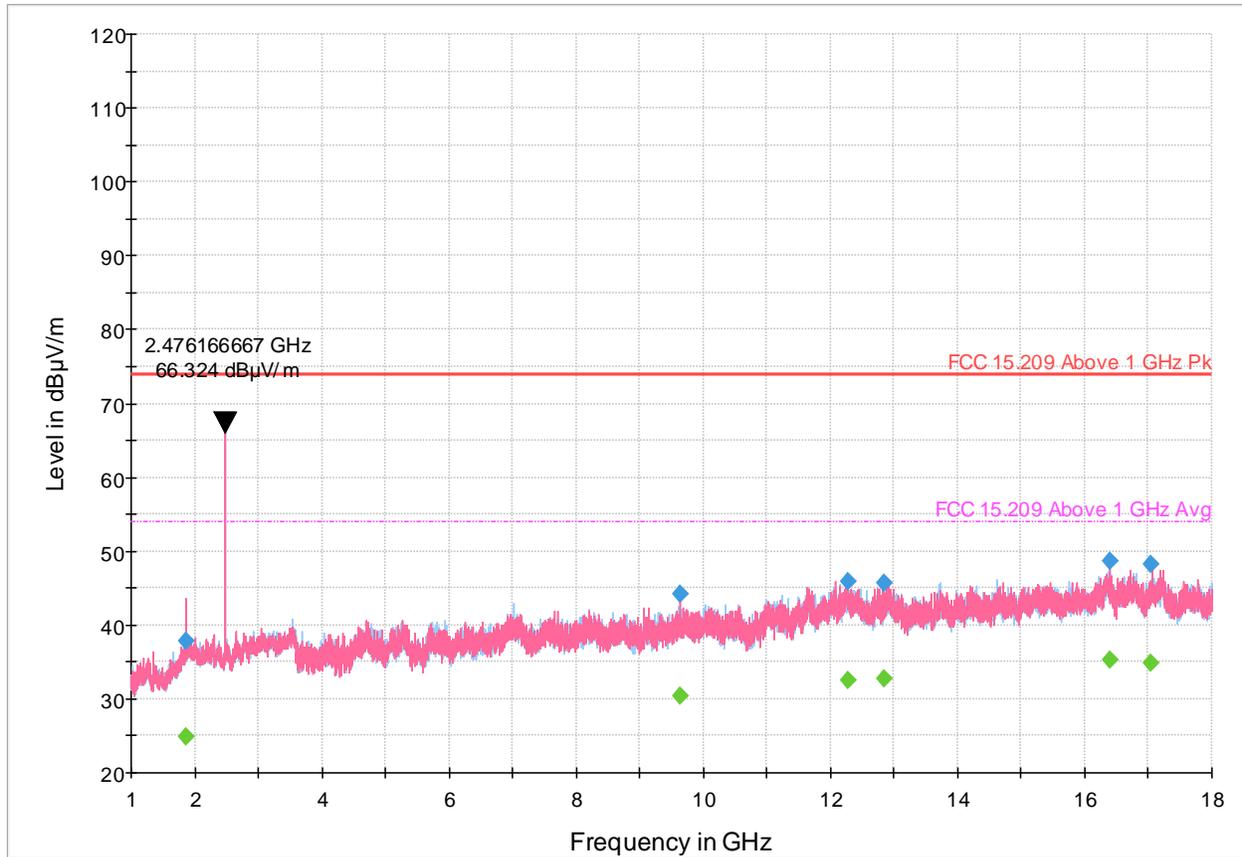


Figure 8.4-44: Radiated emissions spectral plot (1 GHz - 18 GHz)

Table 8.4-16: Radiated emissions results

| Frequency (MHz) | MaxPeak (dBµV/m) | CAverage (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|-------------------|----------------|-------------|-----------------|-----------------|-------------|-----|---------------|--------------|
| 1873.177778 | 37.87 | --- | 73.90 | 36.03 | 5000.0 | 1000.000 | 104.0 | V | 260.0 | -10.8 |
| 1873.177778 | --- | 24.80 | 53.90 | 29.10 | 5000.0 | 1000.000 | 104.0 | V | 260.0 | -10.8 |
| 9638.644444 | 44.24 | --- | 73.90 | 29.66 | 5000.0 | 1000.000 | 256.0 | V | 277.0 | 3.6 |
| 9638.644444 | --- | 30.35 | 53.90 | 23.55 | 5000.0 | 1000.000 | 256.0 | V | 277.0 | 3.6 |
| 12284.444444 | --- | 32.43 | 53.90 | 21.47 | 5000.0 | 1000.000 | 256.0 | V | 136.0 | 7.1 |
| 12284.444444 | 45.96 | --- | 73.90 | 27.94 | 5000.0 | 1000.000 | 256.0 | V | 136.0 | 7.1 |
| 12844.066667 | --- | 32.64 | 53.90 | 21.26 | 5000.0 | 1000.000 | 384.0 | H | 146.0 | 8.7 |
| 12844.066667 | 45.76 | --- | 73.90 | 28.14 | 5000.0 | 1000.000 | 384.0 | H | 146.0 | 8.7 |
| 16389.000000 | --- | 35.38 | 53.90 | 18.52 | 5000.0 | 1000.000 | 380.0 | V | 136.0 | 12.6 |
| 16389.000000 | 48.57 | --- | 73.90 | 25.33 | 5000.0 | 1000.000 | 380.0 | V | 136.0 | 12.6 |
| 17045.811111 | --- | 34.87 | 53.90 | 19.03 | 5000.0 | 1000.000 | 291.0 | V | 167.0 | 12.4 |
| 17045.811111 | 48.14 | --- | 73.90 | 25.76 | 5000.0 | 1000.000 | 291.0 | V | 167.0 | 12.4 |

Notes: ¹ Field strength (dB V/m) = receiver/spectrum analyzer value (dB V) + correction factor (dB)
² Correction factors = antenna factor ACF (dB) + cable loss (dB)
³ Emissions that were continuously present for a minimum of 1 second and occurred more than once for every 15 seconds observation period were considered valid emissions. The maximum value of valid emissions has been recorded.

TSM-RE-18-26.5GHz-TW860-BW3.6-2404MHz
 Full Spectrum

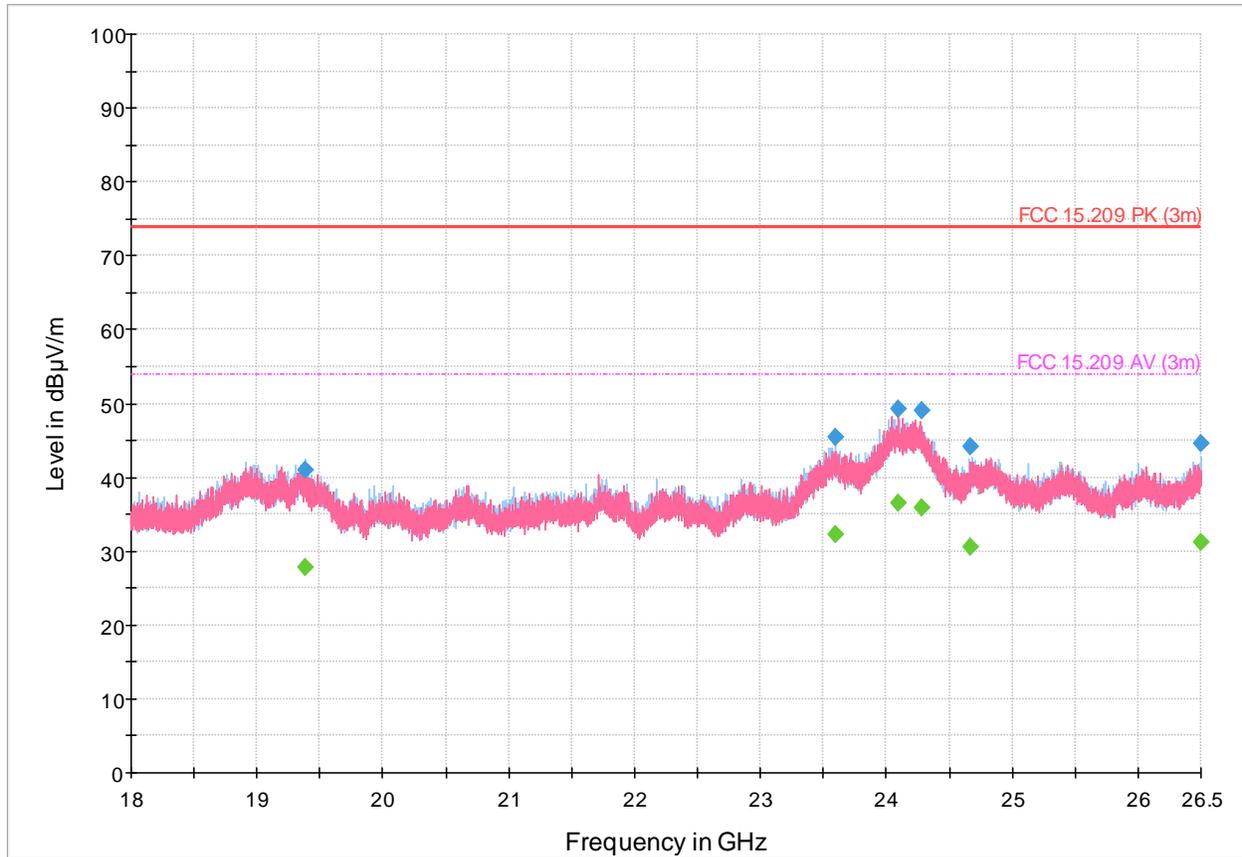


Figure 8.4-45: Radiated emissions spectral plot (18 GHz - 26.5 GHz)

Table 8.4-17: Radiated emissions results

| Frequency (MHz) | MaxPeak (dBµV/m) | CAverage (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|-------------------|----------------|-------------|-----------------|-----------------|-------------|-----|---------------|--------------|
| 19379.450000 | --- | 27.86 | 53.90 | 26.04 | 5000.0 | 1000.000 | 339.0 | H | 275.0 | 16.6 |
| 19379.450000 | 40.91 | --- | 73.90 | 32.99 | 5000.0 | 1000.000 | 339.0 | H | 275.0 | 16.6 |
| 23600.250000 | 45.53 | --- | 73.90 | 28.37 | 5000.0 | 1000.000 | 276.0 | H | 0.0 | 23.8 |
| 23600.250000 | --- | 32.26 | 53.90 | 21.64 | 5000.0 | 1000.000 | 276.0 | H | 0.0 | 23.8 |
| 24090.443750 | 49.27 | --- | 73.90 | 24.63 | 5000.0 | 1000.000 | 384.0 | V | 223.0 | 27.4 |
| 24090.443750 | --- | 36.48 | 53.90 | 17.42 | 5000.0 | 1000.000 | 384.0 | V | 223.0 | 27.4 |
| 24277.500000 | --- | 35.86 | 53.90 | 18.04 | 5000.0 | 1000.000 | 326.0 | V | 48.0 | 26.6 |
| 24277.500000 | 49.04 | --- | 73.90 | 24.86 | 5000.0 | 1000.000 | 326.0 | V | 48.0 | 26.6 |
| 24670.950000 | 44.06 | --- | 73.90 | 29.84 | 5000.0 | 1000.000 | 220.0 | H | 309.0 | 22.5 |
| 24670.950000 | --- | 30.60 | 53.90 | 23.30 | 5000.0 | 1000.000 | 220.0 | H | 309.0 | 22.5 |
| 26496.212500 | 44.51 | --- | 73.90 | 29.39 | 5000.0 | 1000.000 | 100.0 | H | 122.0 | 23.4 |
| 26496.212500 | --- | 31.28 | 53.90 | 22.62 | 5000.0 | 1000.000 | 100.0 | H | 122.0 | 23.4 |

Notes: ¹ Field strength (dB V/m) = receiver/spectrum analyzer value (dB V) + correction factor (dB)
² Correction factors = antenna factor ACF (dB) + cable loss (dB)
³ Emissions that were continuously present for a minimum of 1 second and occurred more than once for every 15 seconds observation period were considered valid emissions. The maximum value of valid emissions has been recorded.

TSM-RE-18-26.5GHz-TW860-BW3.6-2442MHz
 Full Spectrum

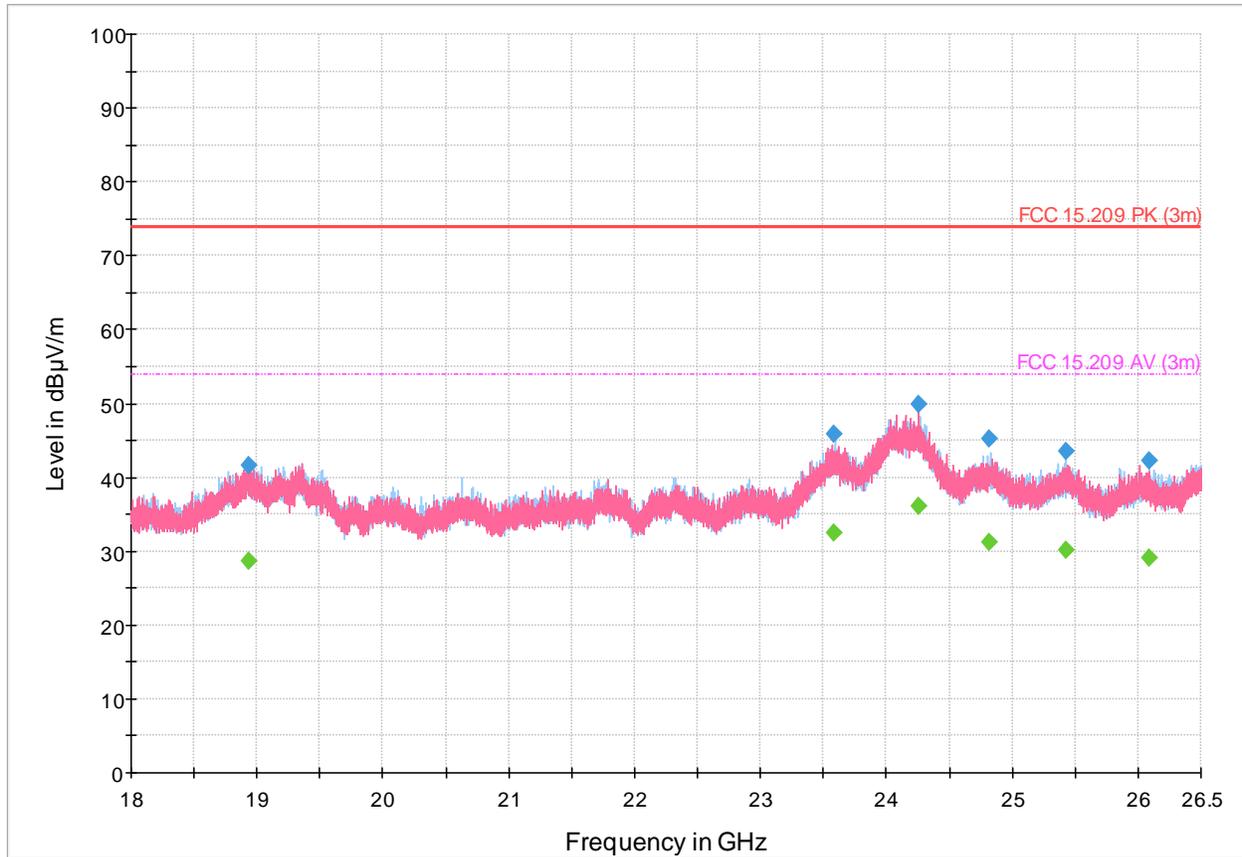


Figure 8.4-46: Radiated emissions spectral plot (18 GHz - 26.5 GHz)

Table 8.4-18: Radiated emissions results

| Frequency (MHz) | MaxPeak (dBµV/m) | CAverage (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|-------------------|----------------|-------------|-----------------|-----------------|-------------|-----|---------------|--------------|
| 18933.987500 | 41.70 | --- | 73.90 | 32.20 | 5000.0 | 1000.000 | 167.0 | V | 273.0 | 15.9 |
| 18933.987500 | --- | 28.74 | 53.90 | 25.16 | 5000.0 | 1000.000 | 167.0 | V | 273.0 | 15.9 |
| 23588.812500 | 45.82 | --- | 73.90 | 28.08 | 5000.0 | 1000.000 | 168.0 | H | 177.0 | 23.9 |
| 23588.812500 | --- | 32.44 | 53.90 | 21.46 | 5000.0 | 1000.000 | 168.0 | H | 177.0 | 23.9 |
| 24254.593750 | --- | 36.10 | 53.90 | 17.80 | 5000.0 | 1000.000 | 313.0 | V | 72.0 | 26.9 |
| 24254.593750 | 49.81 | --- | 73.90 | 24.09 | 5000.0 | 1000.000 | 313.0 | V | 72.0 | 26.9 |
| 24822.637500 | --- | 31.21 | 53.90 | 22.69 | 5000.0 | 1000.000 | 224.0 | H | 160.0 | 22.3 |
| 24822.637500 | 45.29 | --- | 73.90 | 28.61 | 5000.0 | 1000.000 | 224.0 | H | 160.0 | 22.3 |
| 25428.918750 | --- | 30.19 | 53.90 | 23.71 | 5000.0 | 1000.000 | 327.0 | H | 112.0 | 21.7 |
| 25428.918750 | 43.47 | --- | 73.90 | 30.43 | 5000.0 | 1000.000 | 327.0 | H | 112.0 | 21.7 |
| 26091.550000 | --- | 28.99 | 53.90 | 24.91 | 5000.0 | 1000.000 | 175.0 | H | 314.0 | 21.9 |
| 26091.550000 | 42.22 | --- | 73.90 | 31.68 | 5000.0 | 1000.000 | 175.0 | H | 314.0 | 21.9 |

Notes: ¹ Field strength (dB V/m) = receiver/spectrum analyzer value (dB V) + correction factor (dB)
² Correction factors = antenna factor ACF (dB) + cable loss (dB)
³ Emissions that were continuously present for a minimum of 1 second and occurred more than once for every 15 seconds observation period were considered valid emissions. The maximum value of valid emissions has been recorded.

TSM-RE-18-26.5GHz-TW860-BW3.6-2478MHz
 Full Spectrum

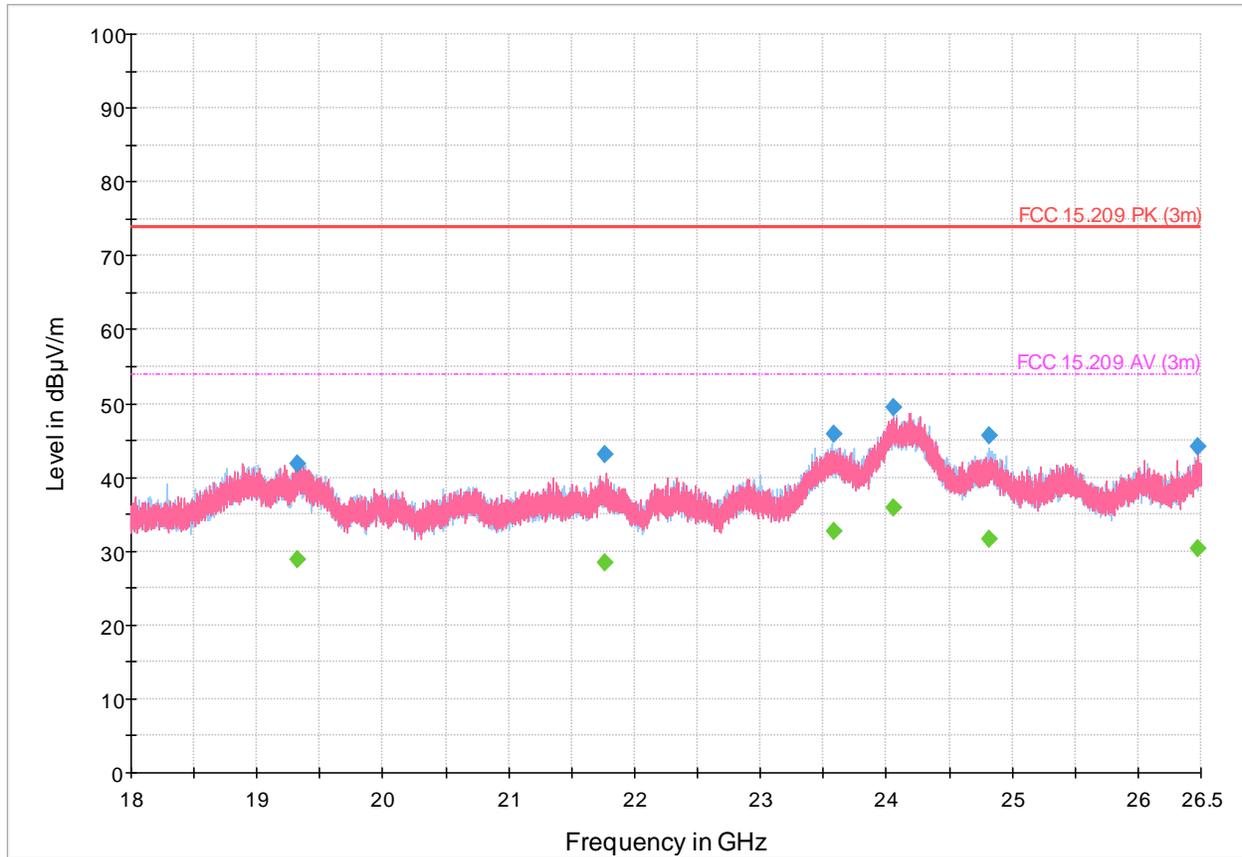


Figure 8.4-47: Radiated emissions spectral plot (18 GHz - 26.5 GHz)

Table 8.4-19: Radiated emissions results

| Frequency (MHz) | MaxPeak (dBµV/m) | CAverage (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|-------------------|----------------|-------------|-----------------|-----------------|-------------|-----|---------------|--------------|
| 19316.231250 | 41.81 | --- | 73.90 | 32.09 | 5000.0 | 1000.000 | 100.0 | H | 138.0 | 16.7 |
| 19316.231250 | --- | 28.89 | 53.90 | 25.01 | 5000.0 | 1000.000 | 100.0 | H | 138.0 | 16.7 |
| 21769.406250 | --- | 28.55 | 53.90 | 25.35 | 5000.0 | 1000.000 | 366.0 | V | 344.0 | 17.6 |
| 21769.406250 | 43.02 | --- | 73.90 | 30.88 | 5000.0 | 1000.000 | 366.0 | V | 344.0 | 17.6 |
| 23580.206250 | 45.95 | --- | 73.90 | 27.95 | 5000.0 | 1000.000 | 303.0 | H | 250.0 | 23.9 |
| 23580.206250 | --- | 32.79 | 53.90 | 21.11 | 5000.0 | 1000.000 | 303.0 | H | 250.0 | 23.9 |
| 24055.381250 | 49.40 | --- | 73.90 | 24.50 | 5000.0 | 1000.000 | 190.0 | H | 282.0 | 27.6 |
| 24055.381250 | --- | 35.93 | 53.90 | 17.97 | 5000.0 | 1000.000 | 190.0 | H | 282.0 | 27.6 |
| 24822.937500 | --- | 31.69 | 53.90 | 22.21 | 5000.0 | 1000.000 | 304.0 | H | 47.0 | 22.3 |
| 24822.937500 | 45.72 | --- | 73.90 | 28.18 | 5000.0 | 1000.000 | 304.0 | H | 47.0 | 22.3 |
| 26471.375000 | 44.17 | --- | 73.90 | 29.73 | 5000.0 | 1000.000 | 335.0 | V | 280.0 | 23.3 |
| 26471.375000 | --- | 30.44 | 53.90 | 23.46 | 5000.0 | 1000.000 | 335.0 | V | 280.0 | 23.3 |

Notes: ¹ Field strength (dB V/m) = receiver/spectrum analyzer value (dB V) + correction factor (dB)
² Correction factors = antenna factor ACF (dB) + cable loss (dB)
³ Emissions that were continuously present for a minimum of 1 second and occurred more than once for every 15 seconds observation period were considered valid emissions. The maximum value of valid emissions has been recorded.

8.5 Power spectral density

8.5.1 References and limits

- FCC 47 CFR Part 15, Subpart B: §15.247(e)
- RSS-247: §5.2(b)
- Test method: ANSI C63.10 §11.10.7 (Method AVGPSD-3)

§15.247:

(e) For digitally modulated systems, 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. This power spectral density shall be determined in accordance with the provisions of paragraph (b) of this section. The same method of determining the conducted output power shall be used to determine the power spectral density.

RSS-247:

5.4 DTSs include systems that employ digital modulation techniques resulting in spectral characteristics similar to direct sequence systems. The following applies to the bands 902-928 MHz and 2400-2483.5 MHz:

(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. This power spectral density shall be determined in accordance with the provisions of section 5.4(d), (i.e., the power spectral density shall be determined using the same method as is used to determine the conducted output power).

8.5.2 Test summary

| | | | |
|---------------|---|-------------------|-------------|
| Verdict | Pass | | |
| Test date | February 8, 2023 | Temperature | 19.74 °C |
| Test engineer | Chenhao Ma, Wireless Test Technician | Air pressure | 1002.4 mbar |
| Test location | <input checked="" type="checkbox"/> Wireless bench <input type="checkbox"/> Other: | Relative humidity | 39.98 % |

8.5.3 Notes

Testing was performed with the transmitter operating on a fixed channel at full power. Low, middle and high channels were tested. Use method AVGSA-3 for testing.

8.5.4 Setup details

| | |
|-----------------------------|---|
| EUT power input during test | Battery supply |
| EUT setup configuration | <input checked="" type="checkbox"/> Table-top <input type="checkbox"/> Floor standing <input type="checkbox"/> Other: |

Spectrum analyzer settings:

| | |
|----------------------|------------------------------------|
| Resolution bandwidth | See plot |
| Video bandwidth | See plot |
| Detector mode | RMS |
| Trace mode | Max Hold |
| Measurement time | Long enough for trace to stabilize |

8.5.5 Test data

Table 8.5-1: TSM-Bandwidth 1.2MHz power spectral density test data

| Test frequency (MHz) | Measured power spectral density (dBm/3kHz) | Limit (dBm/3kHz) |
|----------------------|--|------------------|
| 2403 | 5.71 | 8.0 |
| 2442 | 5.97 | 8.0 |
| 2478 | 6.07 | 8.0 |

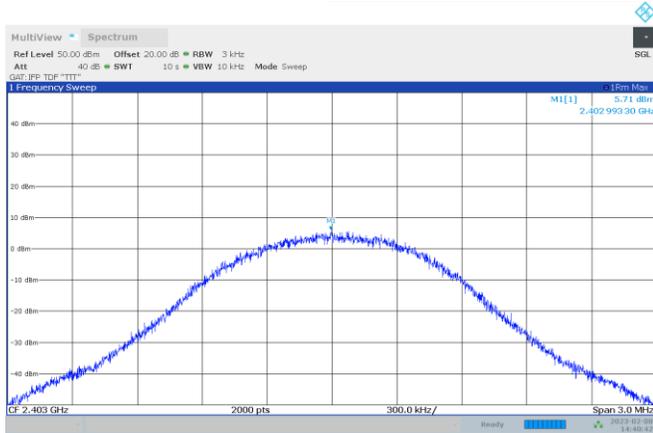


Figure 8.5-1: TSM-Power spectral density, 2403 MHz

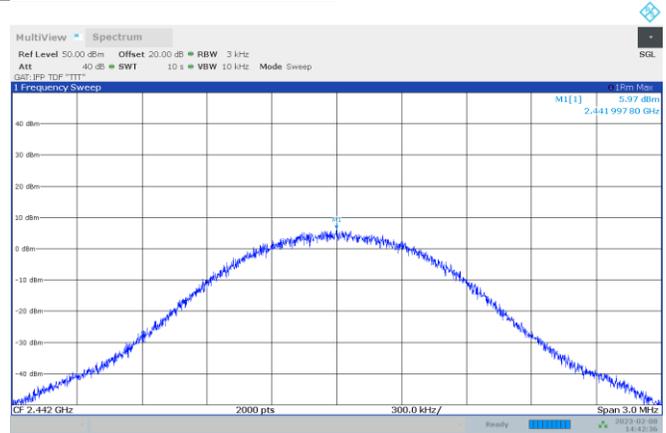


Figure 8.5-2: TSM-Power spectral density, 2442 MHz

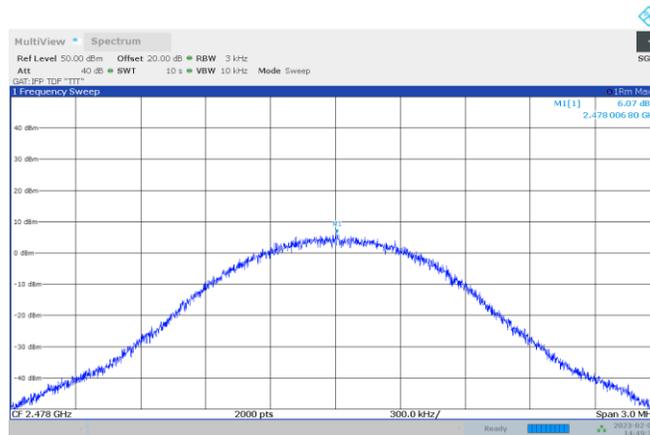


Figure 8.5-3: TSM-Power spectral density, 2478 MHz

Table 8.5-2: TSM-Bandwidth 3.6MHz power spectral density test data

| Test frequency (MHz) | Measured power spectral density (dBm/3kHz) | Limit (dBm/3kHz) |
|----------------------|--|------------------|
| 2404 | 2.71 | 8.0 |
| 2442 | 2.04 | 8.0 |
| 2478 | 2.50 | 8.0 |

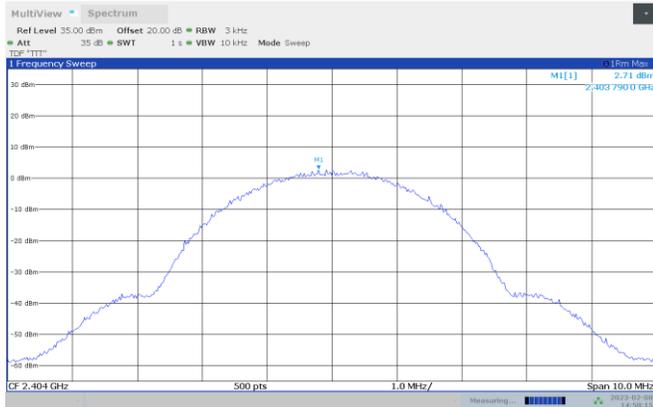


Figure 8.5-4: TSM- Bandwidth 3.6MHz Power spectral density, 2404 MHz

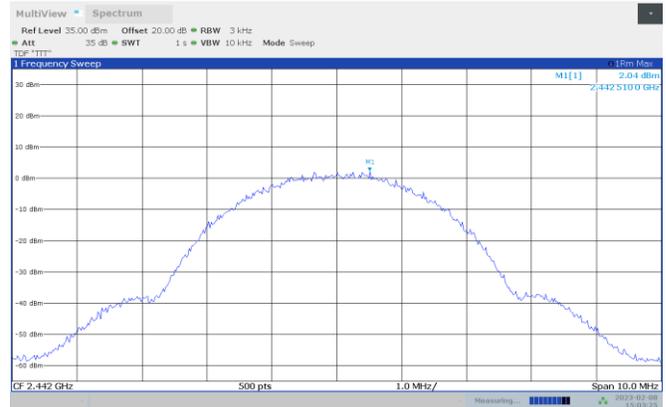


Figure 8.5-5: TSM- Bandwidth 3.6MHz Power spectral density, 2442 MHz

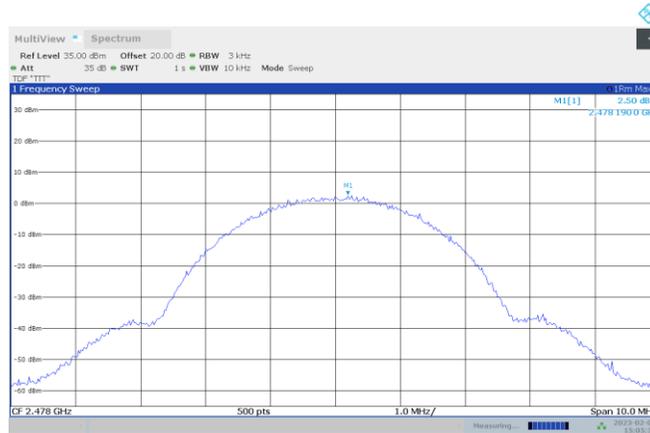


Figure 8.5-6: TSM- Bandwidth 3.6MHz Power spectral density, 2478 MHz

Table 8.5-3: TSM-Bandwidth 10MHz power spectral density test data

| Test frequency (MHz) | Measured power spectral density (dBm/3kHz) | Limit (dBm/3kHz) |
|----------------------|--|------------------|
| 2412 | 2.19 | 8.0 |
| 2442 | 1.78 | 8.0 |
| 2465 | 1.94 | 8.0 |

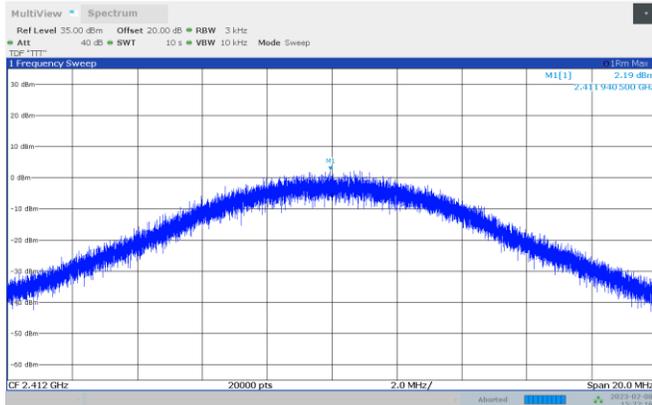


Figure 8.5-7: TSM- Bandwidth 10MHz Power spectral density, 2412 MHz

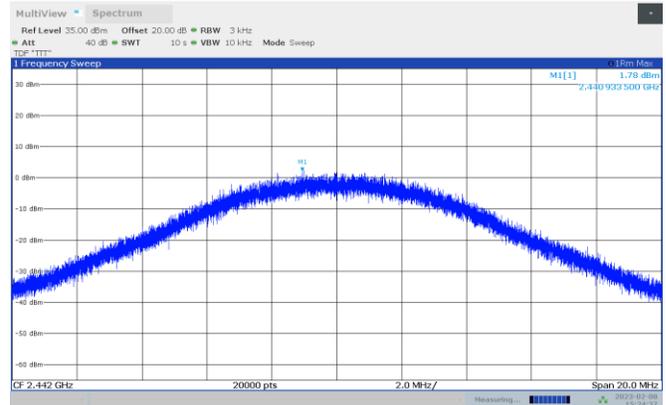


Figure 8.5-8: TSM- Bandwidth 10MHz Power spectral density, 2442 MHz

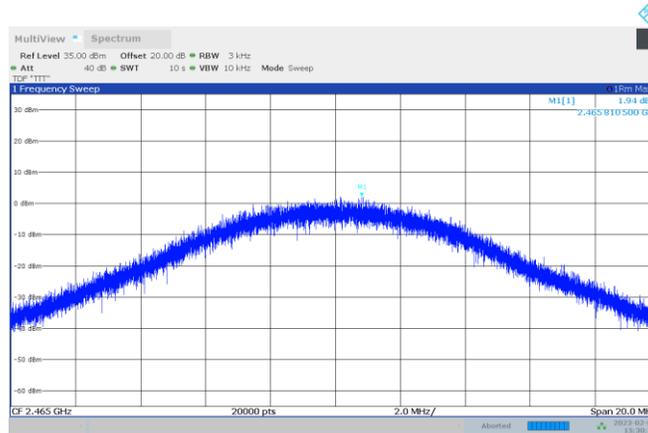


Figure 8.5-9: TSM- Bandwidth 10MHz Power spectral density, 2465 MHz

Table 8.5-4: TSM-Bandwidth 20MHz power spectral density test data

| Test frequency (MHz) | Measured power spectral density (dBm/3kHz) | Limit (dBm/3kHz) |
|----------------------|--|------------------|
| 2422 | 1.97 | 30.0 |
| 2442 | 2.05 | 30.0 |

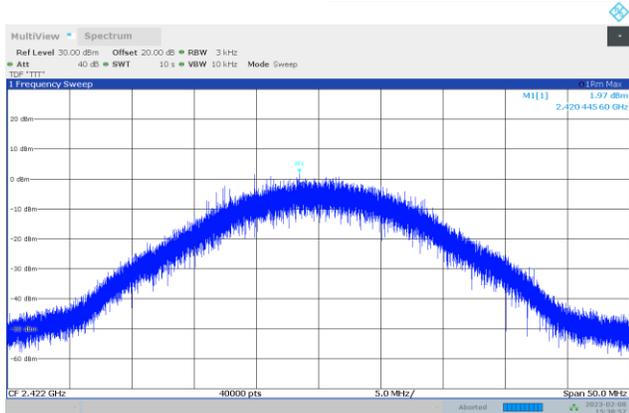


Figure 8.5-10: TSM- Bandwidth 20MHz Power spectral density, 2422 MHz

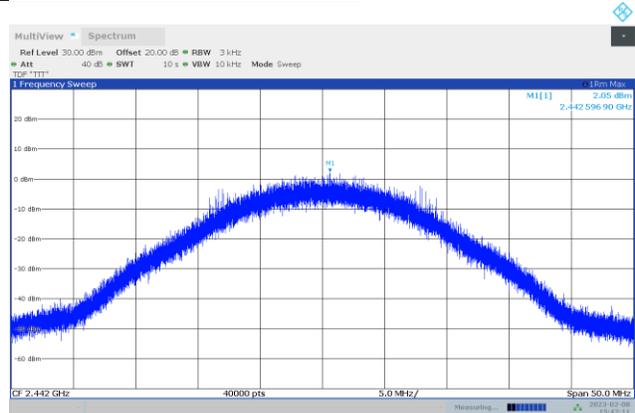


Figure 8.5-11: TSM- Bandwidth 20MHz Power spectral density, 2442 MHz

8.6 99 % occupied bandwidth

8.6.1 References and limits

- RSS-Gen: §6.7
- Test method: ANSI C63.4-2014: §6.9.2

RSS-GEN:

6.7 The occupied bandwidth or the “99% emission bandwidth” is defined as the frequency range between two points, one above and the other below the carrier frequency, within which 99% of the total transmitted power of the fundamental transmitted emission is contained. The occupied bandwidth shall be reported for all equipment in addition to the specified bandwidth required in the applicable RSSs.

8.6.2 Test summary

| | | | |
|---------------|---|-------------------|------------|
| Verdict | Pass | | |
| Test date | February 9, 2023 | Temperature | 18.22 °C |
| Test engineer | Chenhao Ma, Wireless Test Technician | Air pressure | 996.7 mbar |
| Test location | <input checked="" type="checkbox"/> Wireless bench <input type="checkbox"/> Other: | Relative humidity | 41.26 % |

8.6.3 Notes

Testing was performed with the transmitter operating on a fixed channel at full power. Low, middle and high channels were tested.

8.6.4 Setup details

| | |
|-----------------------------|---|
| EUT power input during test | 12 VDC |
| EUT setup configuration | <input checked="" type="checkbox"/> Table-top <input type="checkbox"/> Floor standing <input type="checkbox"/> Other: |

Receiver settings:

| | |
|----------------------|------------------------------------|
| Resolution bandwidth | See plot |
| Video bandwidth | See plot |
| Detector mode | Peak |
| Trace mode | Max Hold |
| Measurement time | Long enough for trace to stabilize |

8.6.5 Test data

Table 8.6-1: TSM-bandwidth 1.2MHz 99 % occupied bandwidth test data

| Test frequency (MHz) | Bandwidth (MHz) | Measured f_c (MHz) | Measured f_l (MHz) | Measured f_H (MHz) | Limit |
|----------------------|-----------------|----------------------|----------------------|----------------------|--|
| 2403 | 1.288 | 2402.979 | 2402.326 | 2403.615 | f_H and f_L within 2400 – 2483.5 MHz |
| 2442 | 1.247 | 2442.021 | 2441.362 | 2442.609 | f_H and f_L within 2400 – 2483.5 MHz |
| 2478 | 1.245 | 2477.979 | 2477.362 | 2478.608 | f_H and f_L within 2400 – 2483.5 MHz |

Table 8.6-2: TSM-bandwidth 3.6MHz 99 % occupied bandwidth test data

| Test frequency (MHz) | Bandwidth (MHz) | Measured f_c (MHz) | Measured f_l (MHz) | Measured f_H (MHz) | Limit |
|----------------------|-----------------|----------------------|----------------------|----------------------|--|
| 2404 | 3.557 | 2404.229 | 2402.222 | 2405.779 | f_H and f_L within 2400 – 2483.5 MHz |
| 2442 | 3.567 | 2441.979 | 2440.215 | 2443.783 | f_H and f_L within 2400 – 2483.5 MHz |
| 2478 | 3.561 | 2477.979 | 2476.228 | 2479.790 | f_H and f_L within 2400 – 2483.5 MHz |

Table 8.6-3: TSM-bandwidth 10MHz 99 % occupied bandwidth test data

| Test frequency (MHz) | Bandwidth (MHz) | Measured f_c (MHz) | Measured f_L (MHz) | Measured f_H (MHz) | Limit |
|----------------------|-----------------|----------------------|----------------------|----------------------|--|
| 2412 | 11.137 | 2413.059 | 2406.459 | 2417.597 | f_H and f_L within 2400 – 2483.5 MHz |
| 2442 | 11.135 | 2438.682 | 2436.468 | 2447.603 | f_H and f_L within 2400 – 2483.5 MHz |
| 2465 | 11.113 | 2465.021 | 2459.474 | 2470.587 | f_H and f_L within 2400 – 2483.5 MHz |

Table 8.6-4: TSM-bandwidth 20MHz 99 % occupied bandwidth test data

| Test frequency (MHz) | Bandwidth (MHz) | Measured f_c (MHz) | Measured f_L (MHz) | Measured f_H (MHz) | Limit |
|----------------------|-----------------|----------------------|----------------------|----------------------|--|
| 2422 | 20.220 | 2421.979 | 2411.983 | 2432.213 | f_H and f_L within 2400 – 2483.5 MHz |
| 2442 | 20.182 | 2441.979 | 2432.018 | 2452.200 | f_H and f_L within 2400 – 2483.5 MHz |

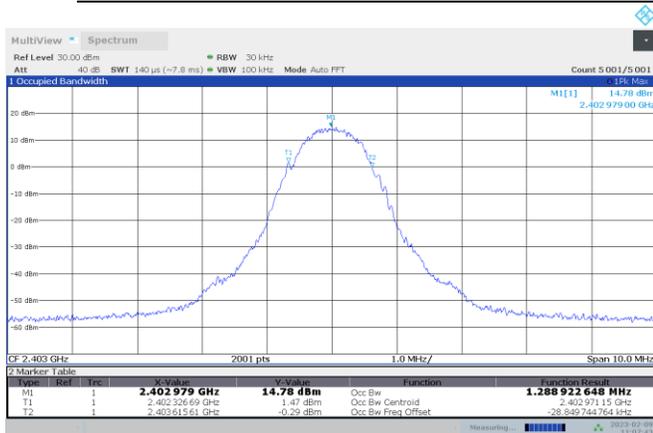


Figure 8.6-1: TSM-Bandwidth 1.2MHz 99 % occupied bandwidth, 2403 MHz

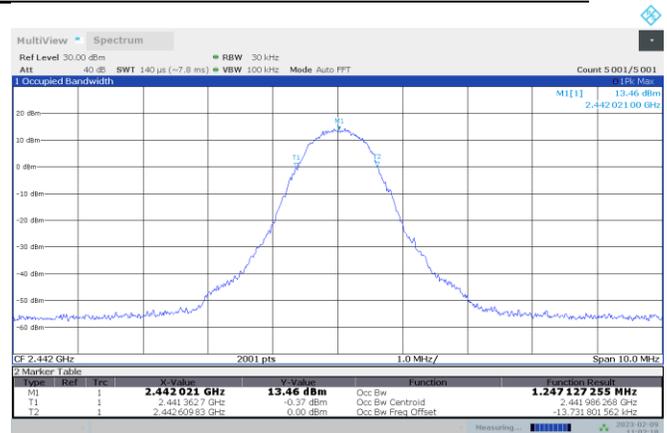


Figure 8.6-2: TSM-Bandwidth 1.2MHz 99 % occupied bandwidth, 2442 MHz

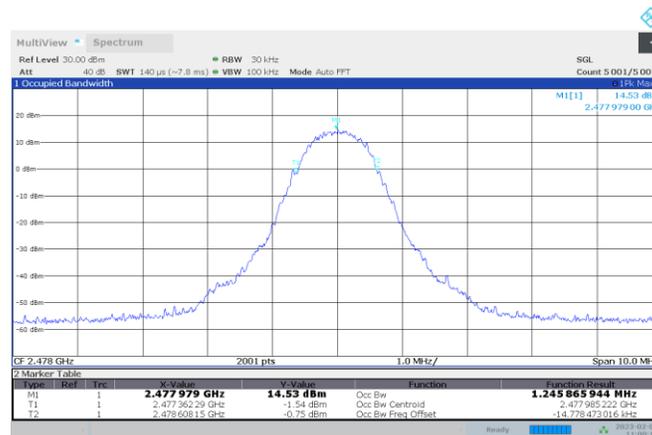


Figure 8.6-3: TSM-Bandwidth 1.2MHz 99 % occupied bandwidth, 2478 MHz

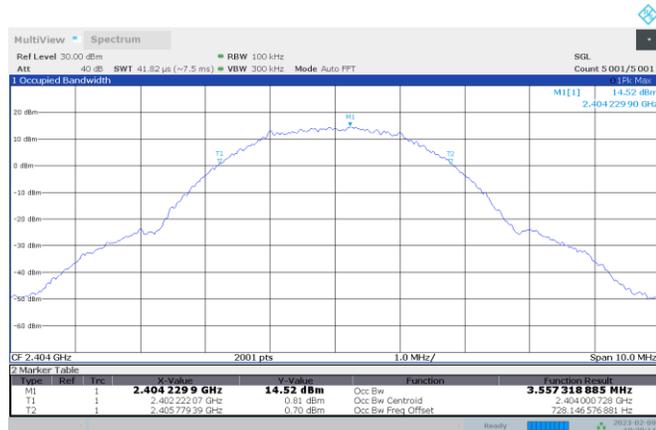


Figure 8.6-4: TSM-Bandwidth 3.6MHz 99 % occupied bandwidth, 2404 MHz

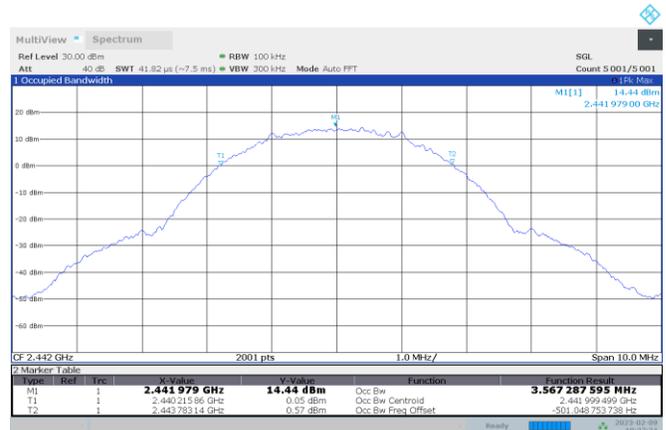


Figure 8.6-5: TSM-Bandwidth 3.6MHz 99 % occupied bandwidth, 2442 MHz



Figure 8.6-6: TSM-Bandwidth 3.6MHz 99 % occupied bandwidth, 2478 MHz

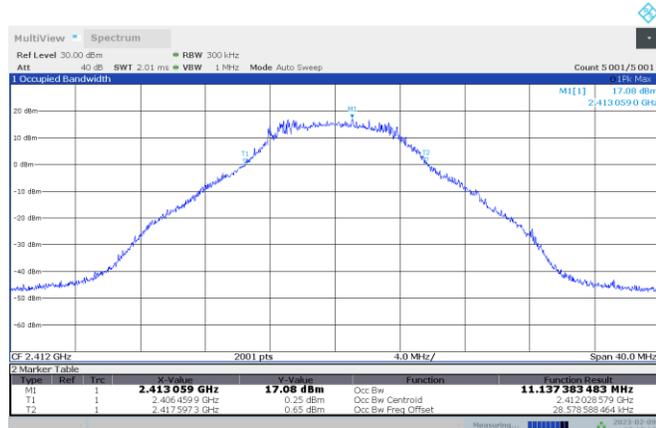


Figure 8.6-7: TSM-Bandwidth 10MHz 99 % occupied bandwidth, 2412 MHz

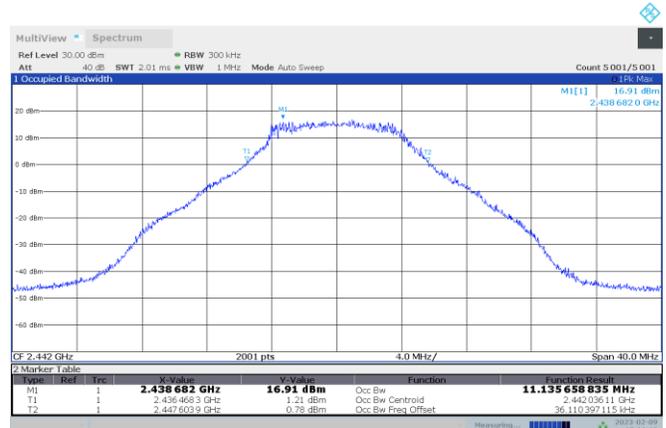


Figure 8.6-8: TSM-Bandwidth 10MHz 99 % occupied bandwidth, 2442 MHz

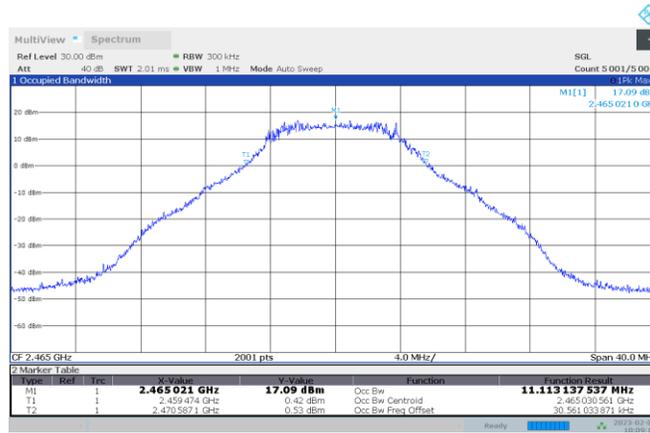


Figure 8.6-9: TSM-Bandwidth 10MHz 99 % occupied bandwidth, 2465 MHz

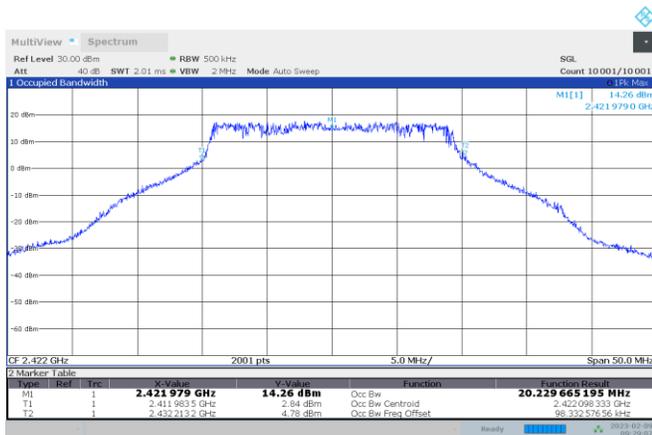


Figure 8.6-10: TSM-Bandwidth 20MHz 99 % occupied bandwidth, 2422 MHz

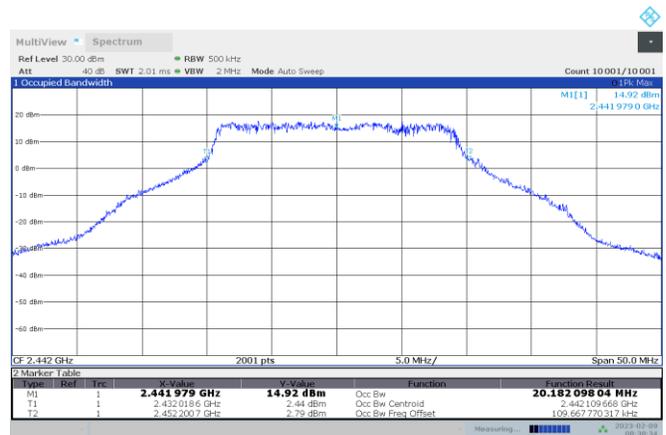


Figure 8.6-11: TSM-Bandwidth 20MHz 99 % occupied bandwidth, 2442 MHz

End of test report