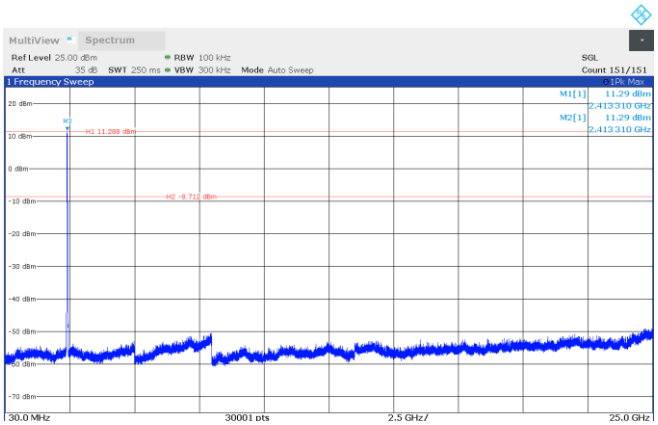

Figure 8.4-29: *TSM-Bandwidth 20MHz conducted spurious emission, 2422 MHz*

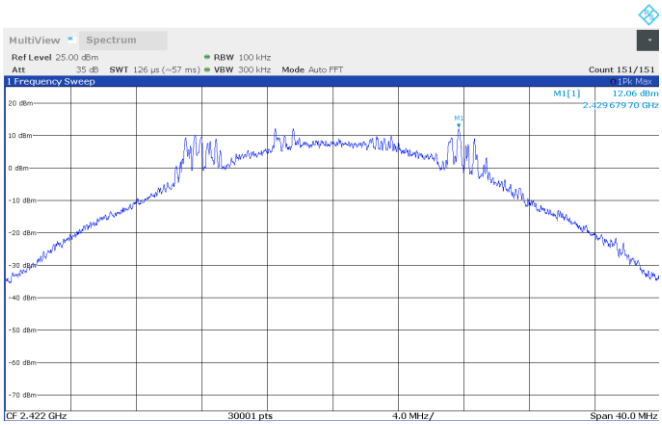

Figure 8.4-30: *TSM-Bandwidth 20MHz conducted spurious emission reference level, 2422 MHz*

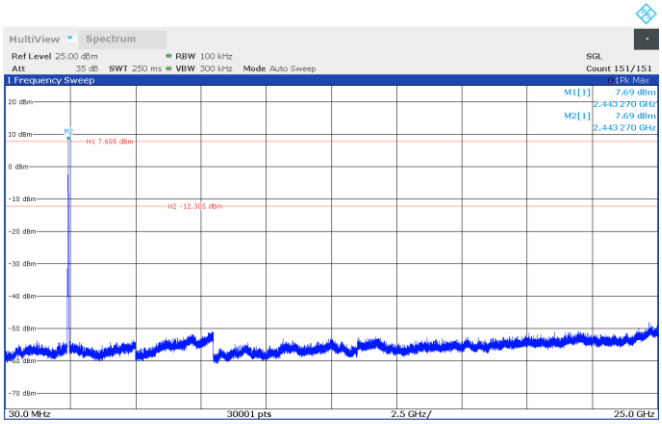

Figure 8.4-31: *TSM-Bandwidth 20MHz conducted spurious emission, 2442 MHz*

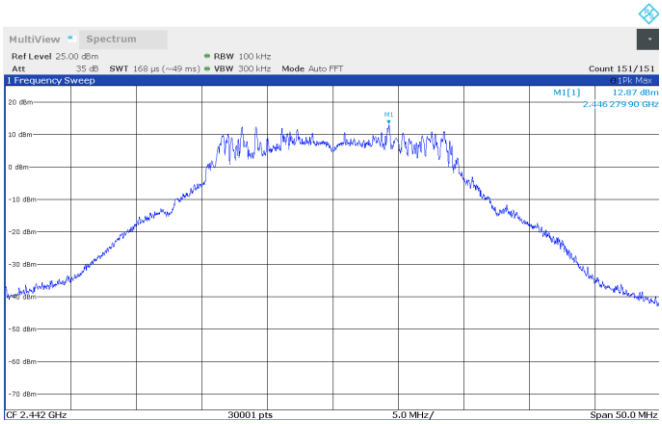

Figure 8.4-32: *TSM-Bandwidth 20MHz conducted spurious emission reference level, 2442 MHz*

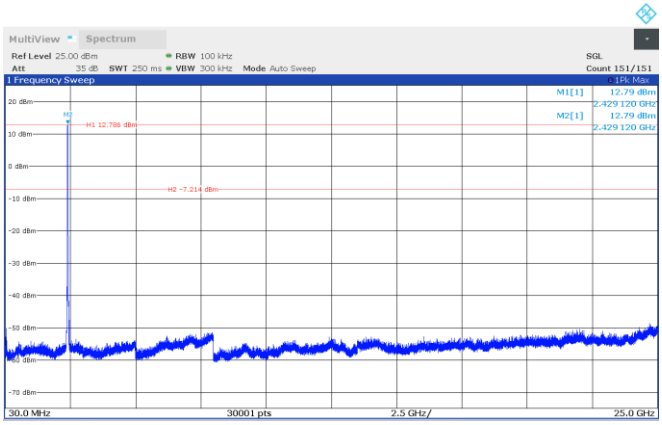

Figure 8.4-33: *HDR-Bandwidth 20MHz conducted spurious emission, 2422 MHz*

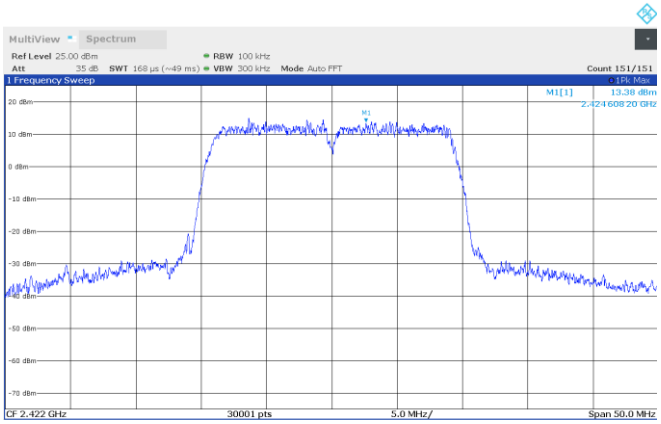

Figure 8.4-34: *HDR-Bandwidth 20MHz conducted spurious emission reference level, 2422 MHz*

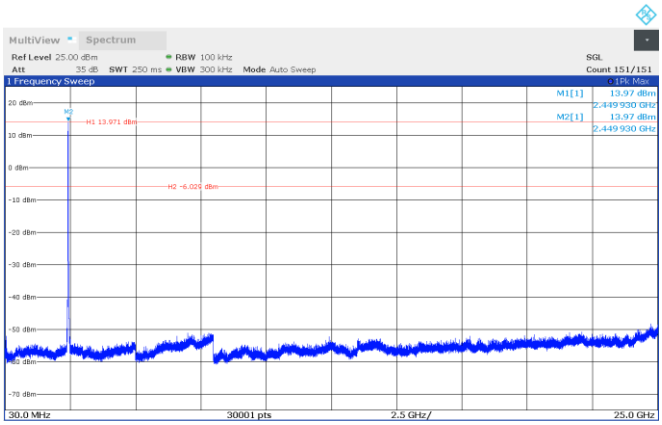

Figure 8.4-35: *HDR-Bandwidth 20MHz conducted spurious emission, 2442 MHz*

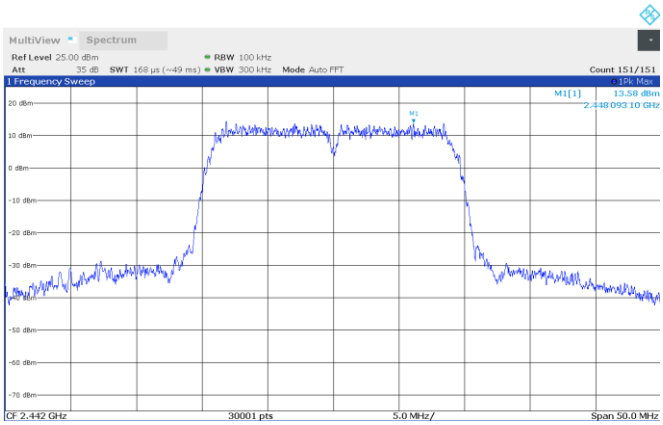

Figure 8.4-36: *HDR-Bandwidth 20MHz conducted spurious emission reference level, 2442 MHz*

Radiated restricted band edge emissions

TSM-BE-low-TW950-BW1.2-2403MHz

Full Spectrum

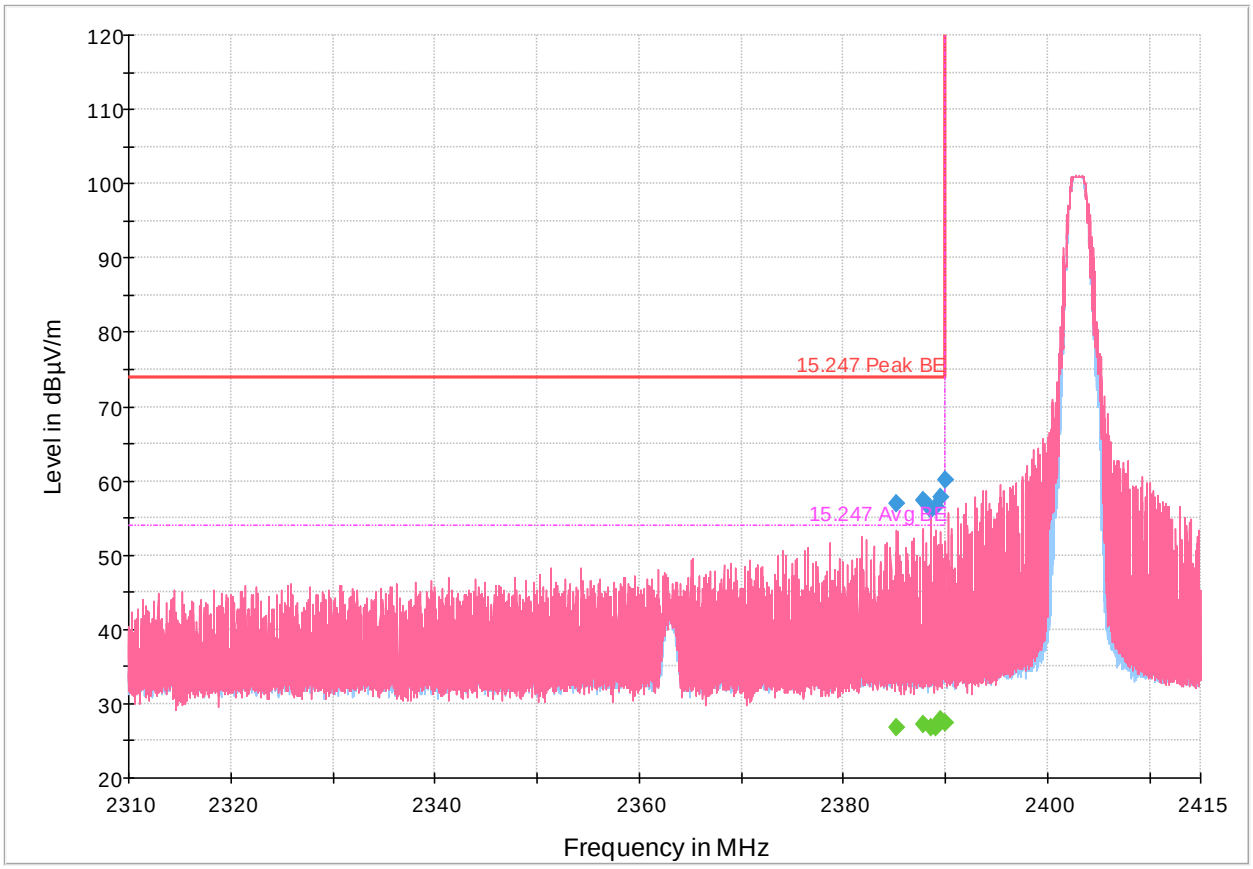

Figure 8.4-35: *Radiated emissions spectral plot (2.31 GHz - 2.415 GHz)*

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)
2385.267500	---	26.75	53.90	27.15	5000.0	1000.000	182.0	V	218.0	-10.0
2385.267500	56.84	---	73.90	17.06	5000.0	1000.000	182.0	V	218.0	-10.0
2387.889000	---	27.16	53.90	26.74	5000.0	1000.000	182.0	V	234.0	-10.0
2387.889000	57.45	---	73.90	16.45	5000.0	1000.000	182.0	V	234.0	-10.0
2388.550500	---	26.84	53.90	27.06	5000.0	1000.000	202.0	V	10.0	-10.0
2388.550500	56.02	---	73.90	17.88	5000.0	1000.000	202.0	V	10.0	-10.0
2389.005500	---	26.86	53.90	27.04	5000.0	1000.000	169.0	V	344.0	-10.0
2389.005500	56.45	---	73.90	17.45	5000.0	1000.000	169.0	V	344.0	-10.0
2389.506000	---	27.78	53.90	26.12	5000.0	1000.000	184.0	V	213.0	-10.0
2389.506000	57.69	---	73.90	16.21	5000.0	1000.000	184.0	V	213.0	-10.0
2390.000000	---	27.46	53.90	26.44	5000.0	1000.000	152.0	V	216.0	-10.0
2390.000000	60.05	---	73.90	13.85	5000.0	1000.000	152.0	V	216.0	-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-TW950-BW1.2-2478MHz

Full Spectrum

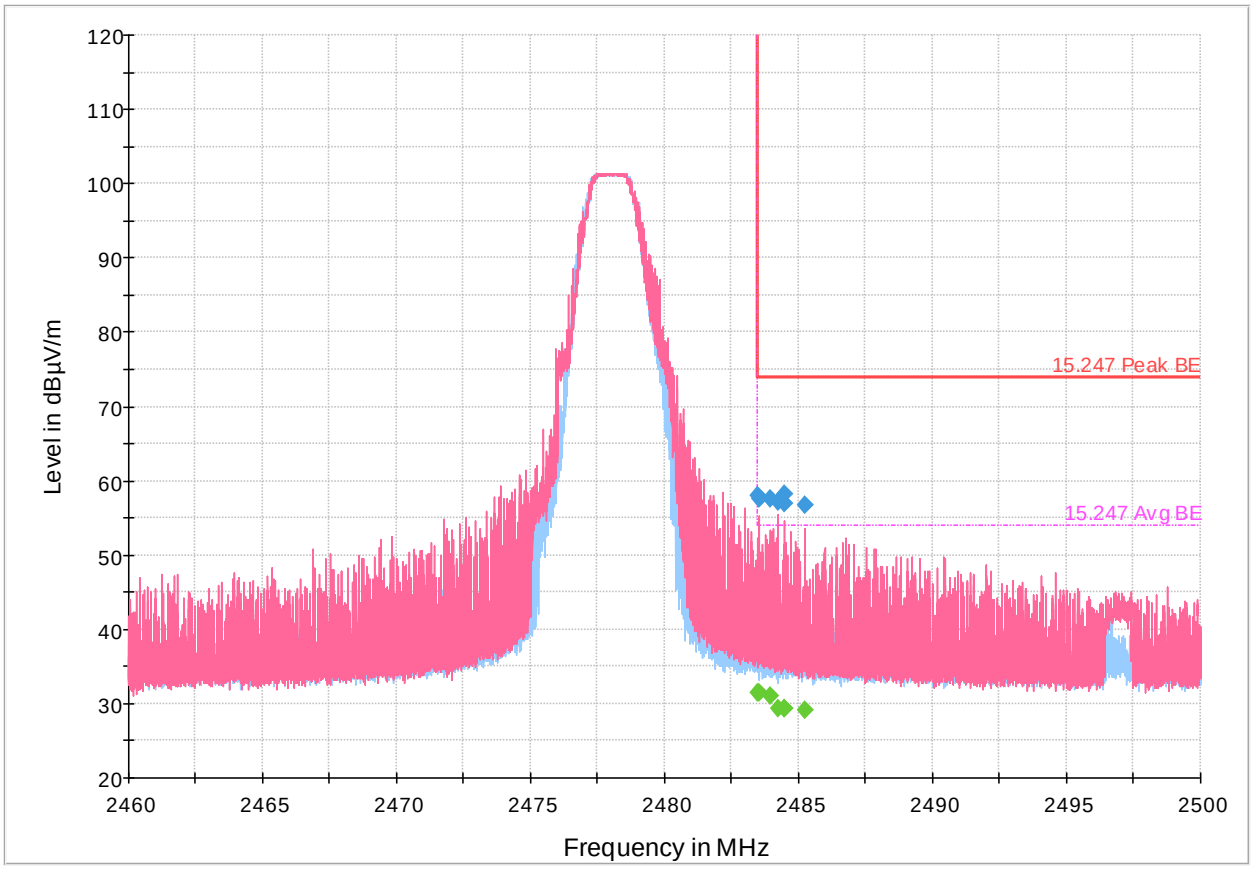

Figure 8.4-36: *Radiated emissions spectral plot (2.46 GHz - 2.5 GHz)*

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	57.94	---	73.90	15.96	5000.0	1000.000	175.0	V	50.0	-9.7
2483.500000	---	31.56	53.90	22.34	5000.0	1000.000	175.0	V	50.0	-9.7
2483.517333	57.51	---	73.90	16.39	5000.0	1000.000	132.0	V	10.0	-9.7
2483.517333	---	31.45	53.90	22.45	5000.0	1000.000	132.0	V	10.0	-9.7
2483.941333	57.61	---	73.90	16.29	5000.0	1000.000	180.0	V	200.0	-9.7
2483.941333	---	30.95	53.90	22.95	5000.0	1000.000	180.0	V	200.0	-9.7
2484.221333	57.19	---	73.90	16.71	5000.0	1000.000	183.0	V	186.0	-9.7
2484.221333	---	29.37	53.90	24.53	5000.0	1000.000	183.0	V	186.0	-9.7
2484.462667	---	29.44	53.90	24.46	5000.0	1000.000	154.0	V	220.0	-9.7
2484.462667	57.04	---	73.90	16.86	5000.0	1000.000	154.0	V	220.0	-9.7
2484.462667	58.19	---	73.90	15.71	5000.0	1000.000	140.0	V	234.0	-9.7
2484.462667	---	29.42	53.90	24.48	5000.0	1000.000	140.0	V	234.0	-9.7
2485.226667	56.78	---	73.90	17.12	5000.0	1000.000	145.0	V	180.0	-9.7
2485.226667	---	29.10	53.90	24.80	5000.0	1000.000	145.0	V	180.0	-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-TW950-BW3.6-2404MHz

Full Spectrum

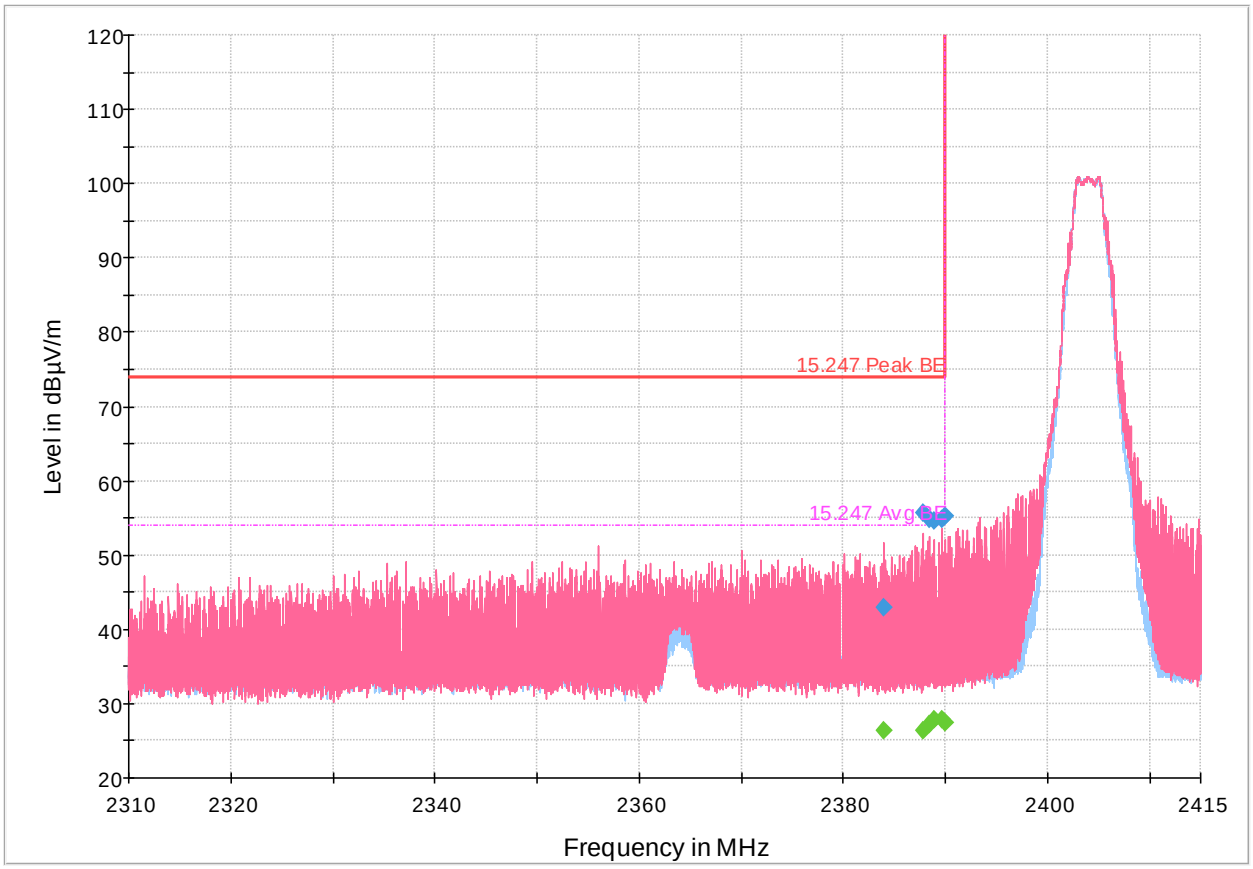

Figure 8.4-37: *Radiated emissions spectral plot (2.31 GHz - 2.415 GHz)*

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)
2383.913000	---	26.47	53.90	27.43	5000.0	1000.000	212.0	H	184.0	-10.0
2383.913000	42.88	---	73.90	31.02	5000.0	1000.000	212.0	H	184.0	-10.0
2387.836500	---	26.46	53.90	27.44	5000.0	1000.000	144.0	V	184.0	-10.0
2387.836500	55.71	---	73.90	18.19	5000.0	1000.000	144.0	V	184.0	-10.0
2388.484000	---	27.12	53.90	26.78	5000.0	1000.000	137.0	V	140.0	-10.0
2388.484000	54.77	---	73.90	19.13	5000.0	1000.000	137.0	V	140.0	-10.0
2388.869000	---	27.83	53.90	26.07	5000.0	1000.000	194.0	V	232.0	-10.0
2388.869000	54.64	---	73.90	19.26	5000.0	1000.000	194.0	V	232.0	-10.0
2389.691500	---	27.94	53.90	25.96	5000.0	1000.000	155.0	V	124.0	-10.0
2389.691500	54.76	---	73.90	19.14	5000.0	1000.000	155.0	V	124.0	-10.0
2390.000000	---	27.42	53.90	26.48	5000.0	1000.000	151.0	V	163.0	-10.0
2390.000000	55.35	---	73.90	18.55	5000.0	1000.000	151.0	V	163.0	-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-TW950-BW3.6-2478MHz

Full Spectrum

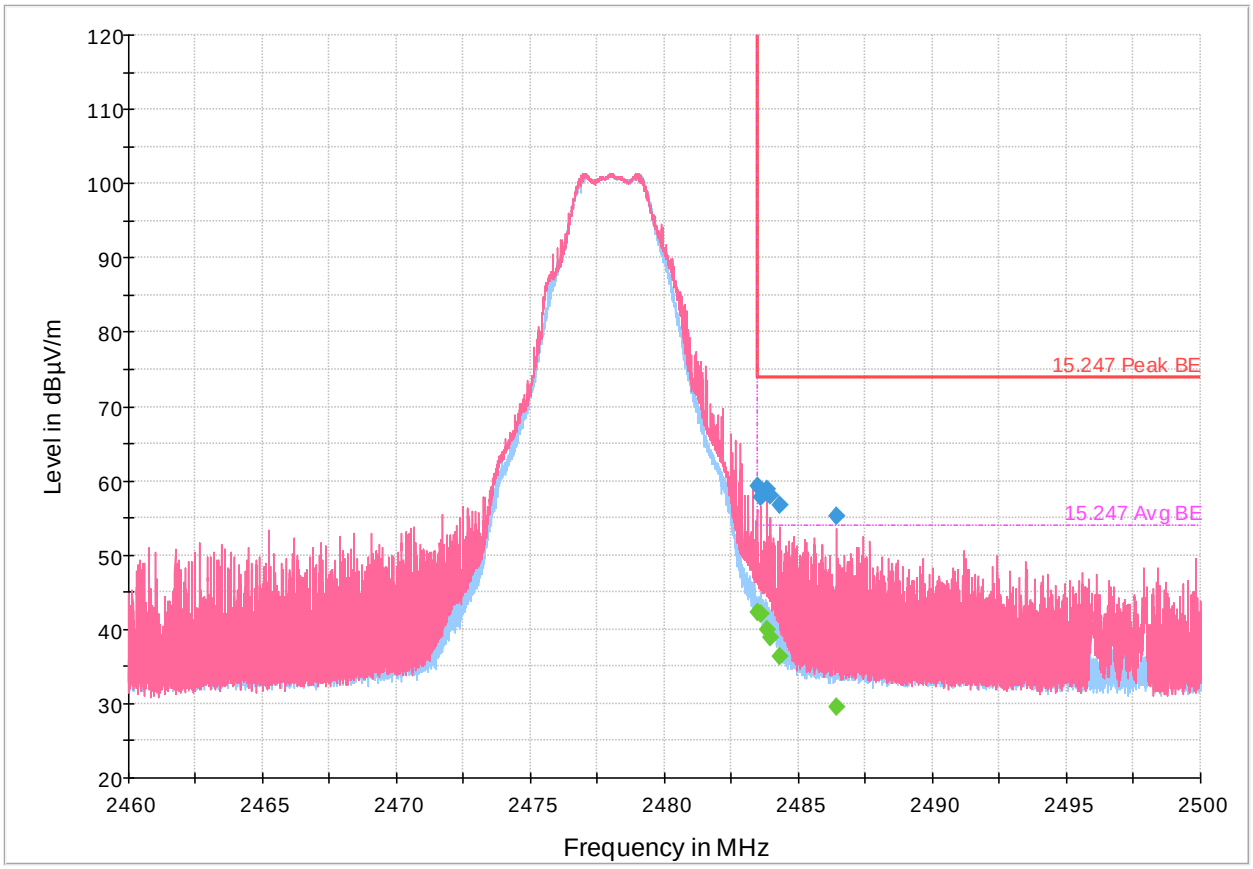

Figure 8.4-38: *Radiated emissions spectral plot (2.46 GHz - 2.5 GHz)*

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	---	42.38	53.90	11.52	5000.0	1000.000	165.0	V	165.0	-9.7
2483.500000	59.24	---	73.90	14.66	5000.0	1000.000	165.0	V	165.0	-9.7
2483.568000	---	42.08	53.90	11.82	5000.0	1000.000	190.0	V	78.0	-9.7
2483.568000	57.83	---	73.90	16.07	5000.0	1000.000	190.0	V	78.0	-9.7
2483.816000	---	40.05	53.90	13.85	5000.0	1000.000	133.0	V	195.0	-9.7
2483.816000	58.81	---	73.90	15.09	5000.0	1000.000	133.0	V	195.0	-9.7
2483.964000	---	38.91	53.90	14.99	5000.0	1000.000	161.0	V	217.0	-9.7
2483.964000	57.90	---	73.90	16.00	5000.0	1000.000	161.0	V	217.0	-9.7
2484.278667	---	36.38	53.90	17.52	5000.0	1000.000	159.0	V	11.0	-9.7
2484.278667	56.74	---	73.90	17.16	5000.0	1000.000	159.0	V	11.0	-9.7
2486.386667	---	29.65	53.90	24.25	5000.0	1000.000	161.0	V	176.0	-9.7
2486.386667	55.29	---	73.90	18.61	5000.0	1000.000	161.0	V	176.0	-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.

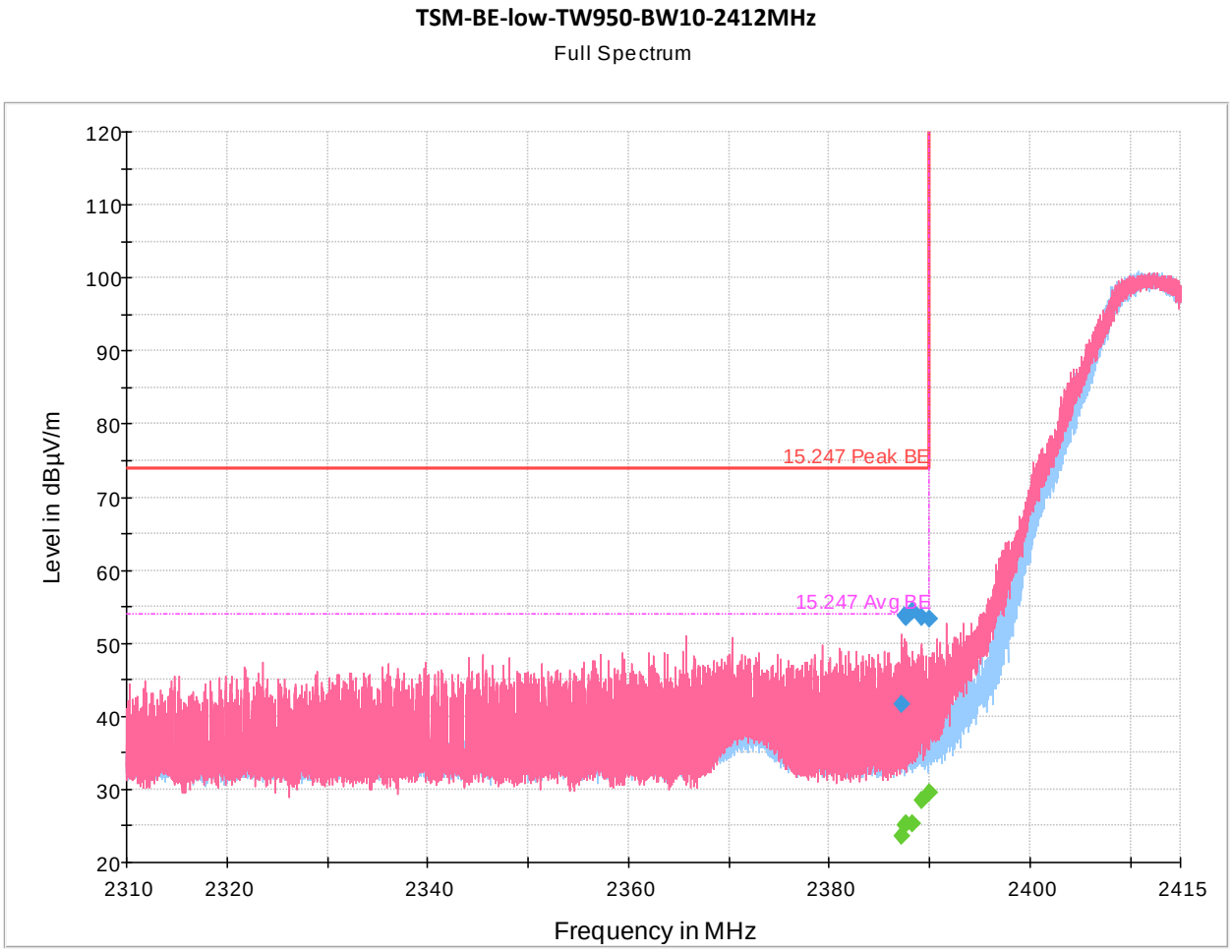

Figure 8.4-39: *Radiated emissions spectral plot (2.31 GHz - 2.415 GHz)*

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)
2387.238000	---	23.69	53.90	30.21	5000.0	1000.000	209.0	H	316.0	-10.0
2387.238000	41.58	---	73.90	32.32	5000.0	1000.000	209.0	H	316.0	-10.0
2387.444500	---	25.06	53.90	28.84	5000.0	1000.000	191.0	V	162.0	-10.0
2387.444500	53.66	---	73.90	20.24	5000.0	1000.000	191.0	V	162.0	-10.0
2387.602000	---	25.22	53.90	28.68	5000.0	1000.000	191.0	V	0.0	-10.0
2387.602000	53.46	---	73.90	20.44	5000.0	1000.000	191.0	V	0.0	-10.0
2388.323000	---	25.28	53.90	28.62	5000.0	1000.000	145.0	V	183.0	-10.0
2388.323000	54.30	---	73.90	19.60	5000.0	1000.000	145.0	V	183.0	-10.0
2389.138500	---	28.58	53.90	25.32	5000.0	1000.000	179.0	V	196.0	-10.0
2389.138500	53.47	---	73.90	20.43	5000.0	1000.000	179.0	V	196.0	-10.0
2390.000000	---	29.45	53.90	24.45	5000.0	1000.000	173.0	V	209.0	-10.0
2390.000000	53.40	---	73.90	20.50	5000.0	1000.000	173.0	V	209.0	-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-TW950-BW10-2465MHz

Full Spectrum

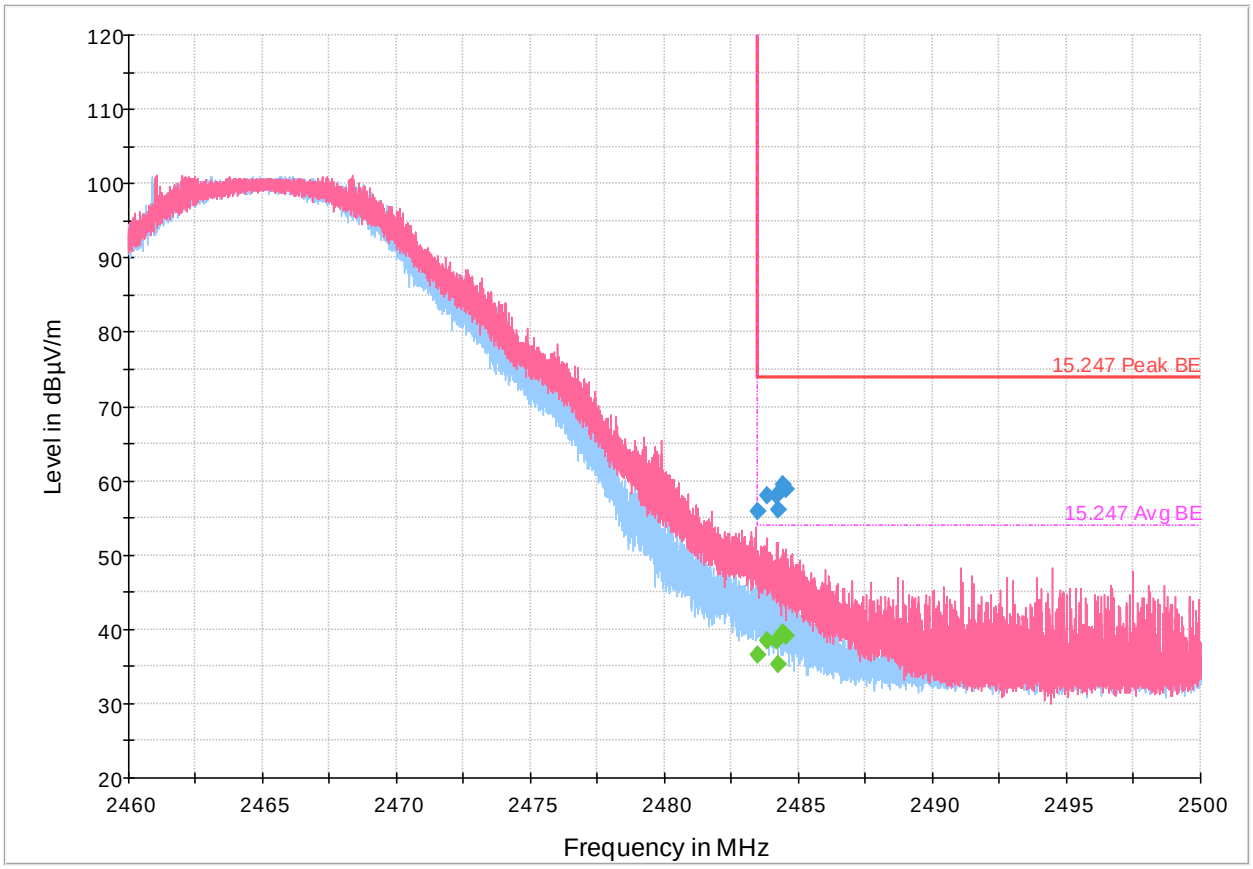

Figure 8.4-40: *Radiated emissions spectral plot (2.46 GHz - 2.5 GHz)*

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	---	36.60	53.90	17.30	5000.0	1000.000	294.0	V	63.0	-9.7
2483.500000	55.81	---	73.90	18.09	5000.0	1000.000	294.0	V	63.0	-9.7
2483.797333	---	38.51	53.90	15.39	5000.0	1000.000	295.0	V	0.0	-9.7
2483.797333	57.95	---	73.90	15.95	5000.0	1000.000	295.0	V	0.0	-9.7
2484.181333	---	38.52	53.90	15.38	5000.0	1000.000	295.0	V	10.0	-9.7
2484.181333	57.94	---	73.90	15.96	5000.0	1000.000	295.0	V	10.0	-9.7
2484.258667	---	35.23	53.90	18.67	5000.0	1000.000	294.0	V	195.0	-9.7
2484.258667	56.18	---	73.90	17.72	5000.0	1000.000	294.0	V	195.0	-9.7
2484.382667	---	39.58	53.90	14.32	5000.0	1000.000	296.0	V	11.0	-9.7
2484.382667	59.42	---	73.90	14.48	5000.0	1000.000	296.0	V	11.0	-9.7
2484.508000	---	39.19	53.90	14.71	5000.0	1000.000	296.0	V	10.0	-9.7
2484.508000	58.90	---	73.90	15.00	5000.0	1000.000	296.0	V	10.0	-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-TW950-BW20-2422MHz

Full Spectrum

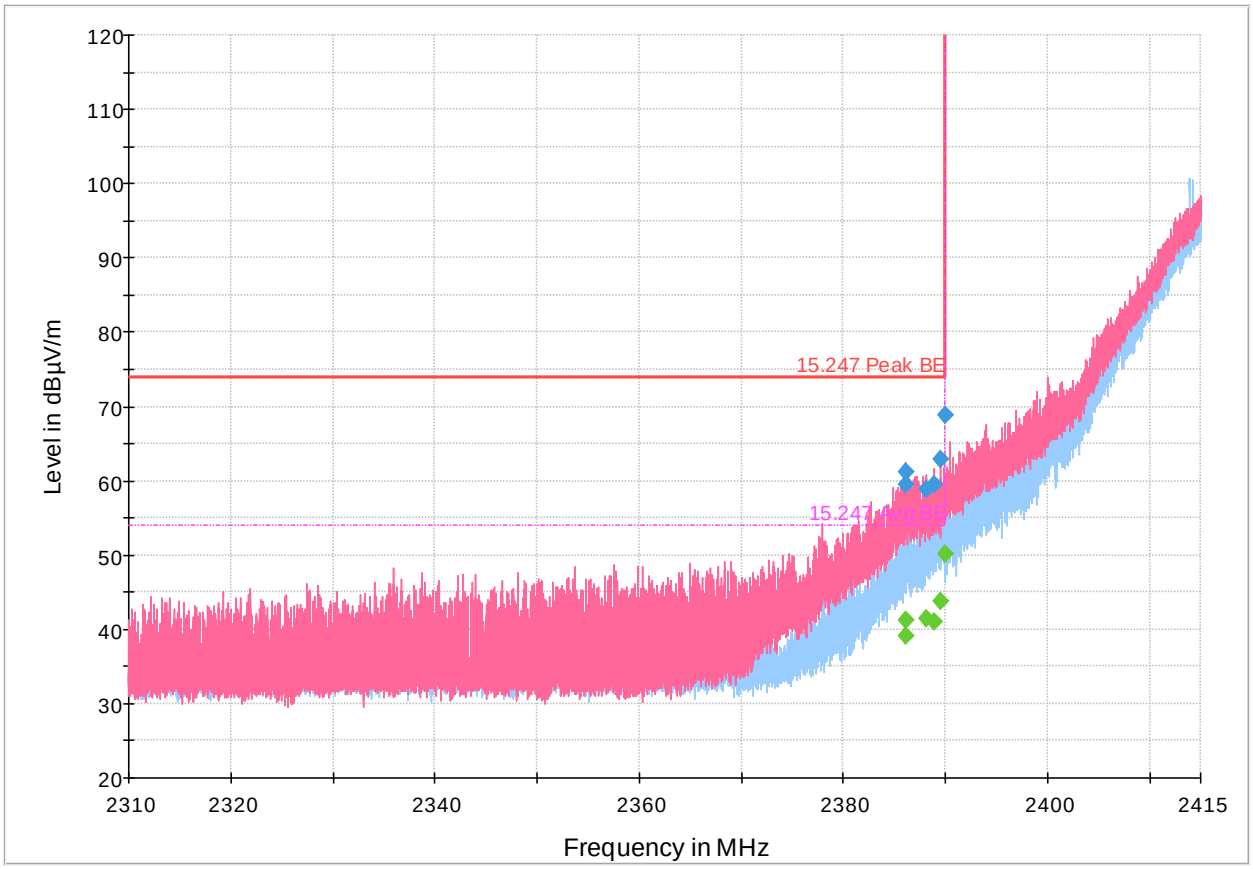

Figure 8.4-41: *Radiated emissions spectral plot (2.31 GHz - 2.415 GHz)*

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)
2386.048000	---	39.17	53.90	14.73	5000.0	1000.000	363.0	V	0.0	-10.0
2386.048000	59.44	---	73.90	14.46	5000.0	1000.000	363.0	V	0.0	-10.0
2386.132000	---	41.17	53.90	12.73	5000.0	1000.000	326.0	V	44.0	-10.0
2386.132000	61.19	---	73.90	12.71	5000.0	1000.000	326.0	V	44.0	-10.0
2388.071000	---	41.35	53.90	12.55	5000.0	1000.000	363.0	V	0.0	-10.0
2388.071000	58.95	---	73.90	14.95	5000.0	1000.000	363.0	V	0.0	-10.0
2388.956500	---	40.96	53.90	12.94	5000.0	1000.000	327.0	V	52.0	-10.0
2388.956500	59.53	---	73.90	14.37	5000.0	1000.000	327.0	V	52.0	-10.0
2389.590000	---	43.77	53.90	10.13	5000.0	1000.000	229.0	V	294.0	-10.0
2389.590000	62.80	---	73.90	11.10	5000.0	1000.000	229.0	V	294.0	-10.0
2390.000000	---	50.21	53.90	3.69	5000.0	1000.000	100.0	V	286.0	-10.0
2390.000000	68.79	---	73.90	5.11	5000.0	1000.000	100.0	V	286.0	-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-TW950-BW20-2442MHz

Full Spectrum

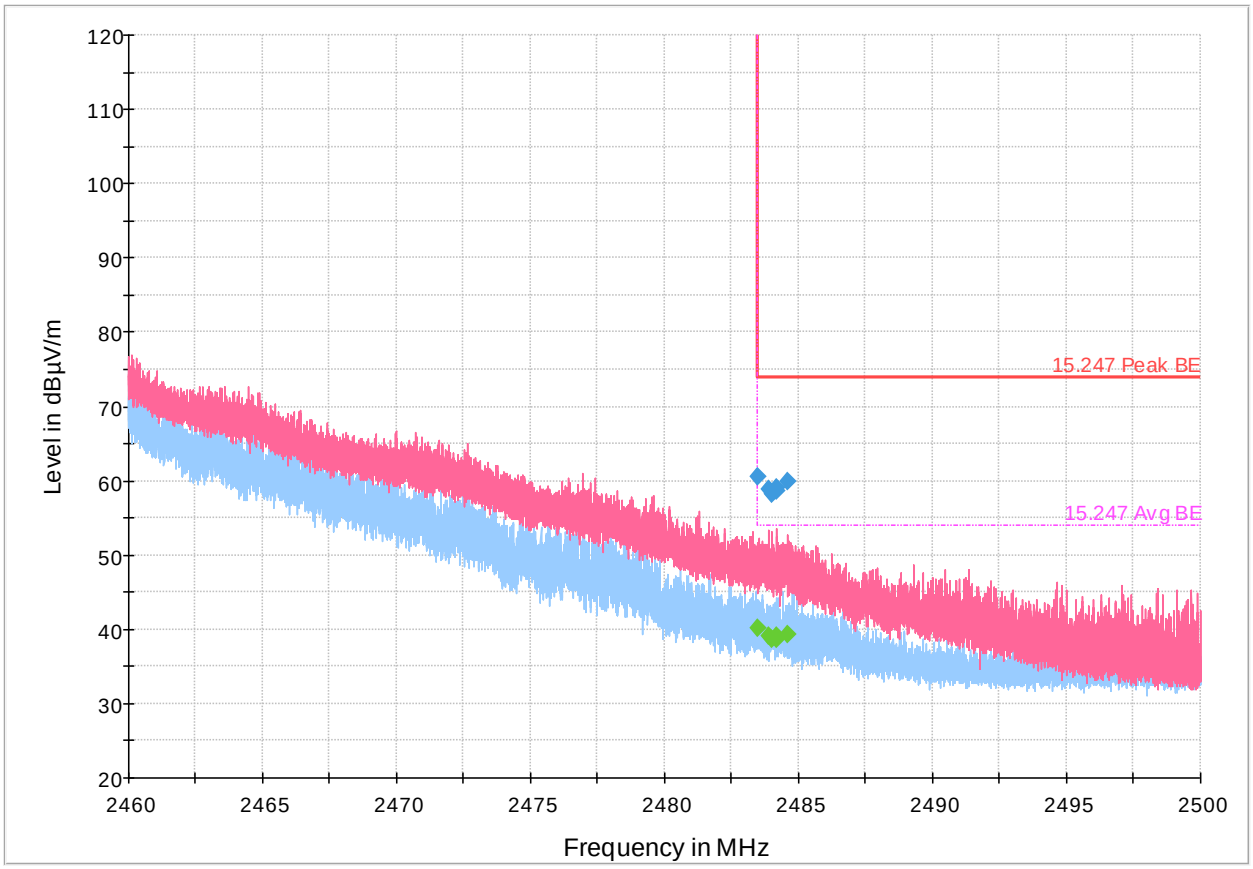

Figure 8.4-42: *Radiated emissions spectral plot (2.46 GHz - 2.5 GHz)*

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	---	40.17	53.90	13.73	5000.0	1000.000	100.0	V	11.0	-9.7
2483.500000	60.63	---	73.90	13.27	5000.0	1000.000	100.0	V	11.0	-9.7
2483.877333	---	39.14	53.90	14.76	5000.0	1000.000	184.0	V	226.0	-9.7
2483.877333	58.92	---	73.90	14.98	5000.0	1000.000	184.0	V	226.0	-9.7
2483.981333	---	38.64	53.90	15.26	5000.0	1000.000	209.0	V	296.0	-9.7
2483.981333	58.27	---	73.90	15.63	5000.0	1000.000	209.0	V	296.0	-9.7
2484.165333	---	39.01	53.90	14.89	5000.0	1000.000	213.0	V	246.0	-9.7
2484.165333	59.01	---	73.90	14.89	5000.0	1000.000	213.0	V	246.0	-9.7
2484.204000	---	38.62	53.90	15.28	5000.0	1000.000	181.0	V	209.0	-9.7
2484.204000	58.74	---	73.90	15.16	5000.0	1000.000	181.0	V	209.0	-9.7
2484.592000	---	39.28	53.90	14.62	5000.0	1000.000	100.0	V	92.0	-9.7
2484.592000	59.82	---	73.90	14.08	5000.0	1000.000	100.0	V	92.0	-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.

HDR-BE-low-TW950-BW20-2422MHz

Full Spectrum

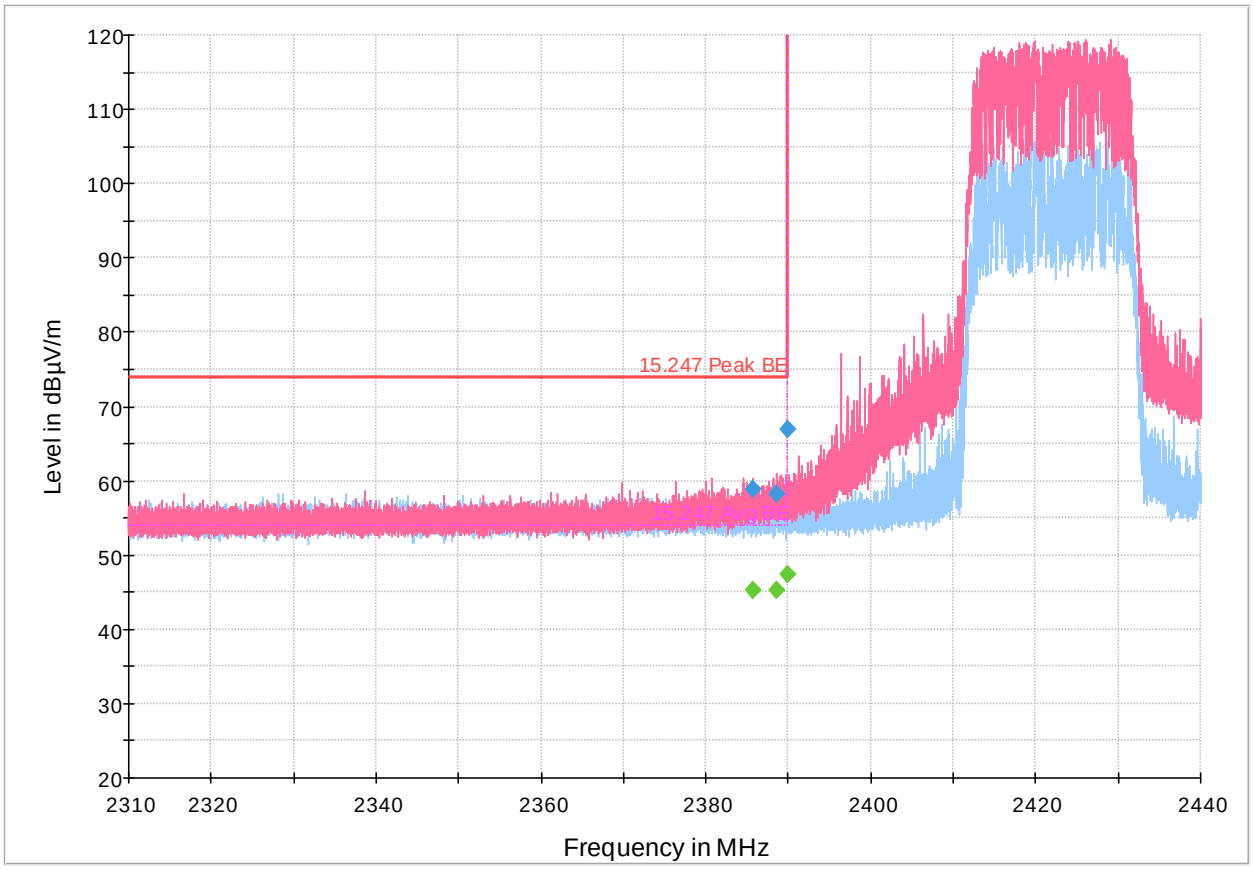

Figure 8.4-43: *Radiated emissions spectral plot (2.31 GHz - 2.44 GHz)*

Table 8.4-11*: 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)
2385.612333	---	45.20	53.90	8.70	5000.0	1000.000	127.0	H	311.0	10.0
2385.612333	58.87	---	73.90	15.03	5000.0	1000.000	127.0	H	311.0	10.0
2388.606667	---	45.18	53.90	8.72	5000.0	1000.000	261.0	H	96.0	10.0
2388.606667	58.17	---	73.90	15.73	5000.0	1000.000	261.0	H	96.0	10.0
2390.000000	---	47.46	53.90	6.44	5000.0	1000.000	197.0	V	62.0	10.0
2390.000000	67.02	---	73.90	6.88	5000.0	1000.000	197.0	V	62.0	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.

HDR-BE-high-TW950-BW20-2442MHz

Full Spectrum

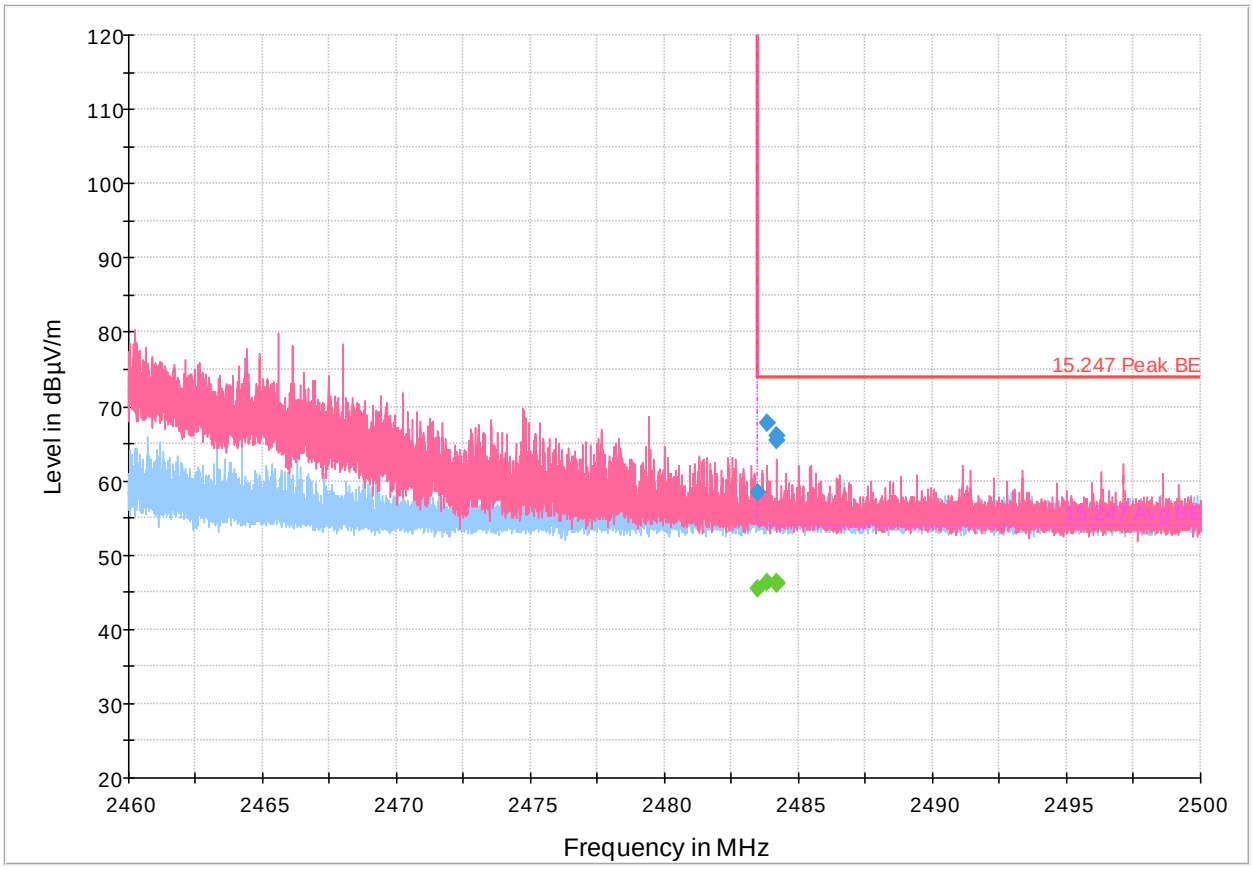

Figure 8.4-44: *Radiated emissions spectral plot (2.46 GHz - 2.5 GHz)*

Table 8.4-12*: 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	---	45.38	53.90	8.52	5000.0	1000.000	299.0	H	162.0	10.3
2483.500000	58.36	---	73.90	15.54	5000.0	1000.000	299.0	H	162.0	10.3
2483.846667	67.78	---	73.90	6.12	5000.0	1000.000	170.0	V	65.0	10.3
2483.846667	---	46.36	53.90	7.54	5000.0	1000.000	170.0	V	65.0	10.3
2484.198667	---	46.30	53.90	7.60	5000.0	1000.000	171.0	V	69.0	10.3
2484.198667	66.00	---	73.90	7.90	5000.0	1000.000	171.0	V	69.0	10.3
2484.198667	65.41	---	73.90	8.49	5000.0	1000.000	201.0	V	48.0	10.3
2484.198667	---	46.11	53.90	7.79	5000.0	1000.000	201.0	V	48.0	10.3

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.

Radiated emissions in restricted bands

TSM-RE-30-1000MHz-TW950-BW3.6-2404MHz

Full Spectrum

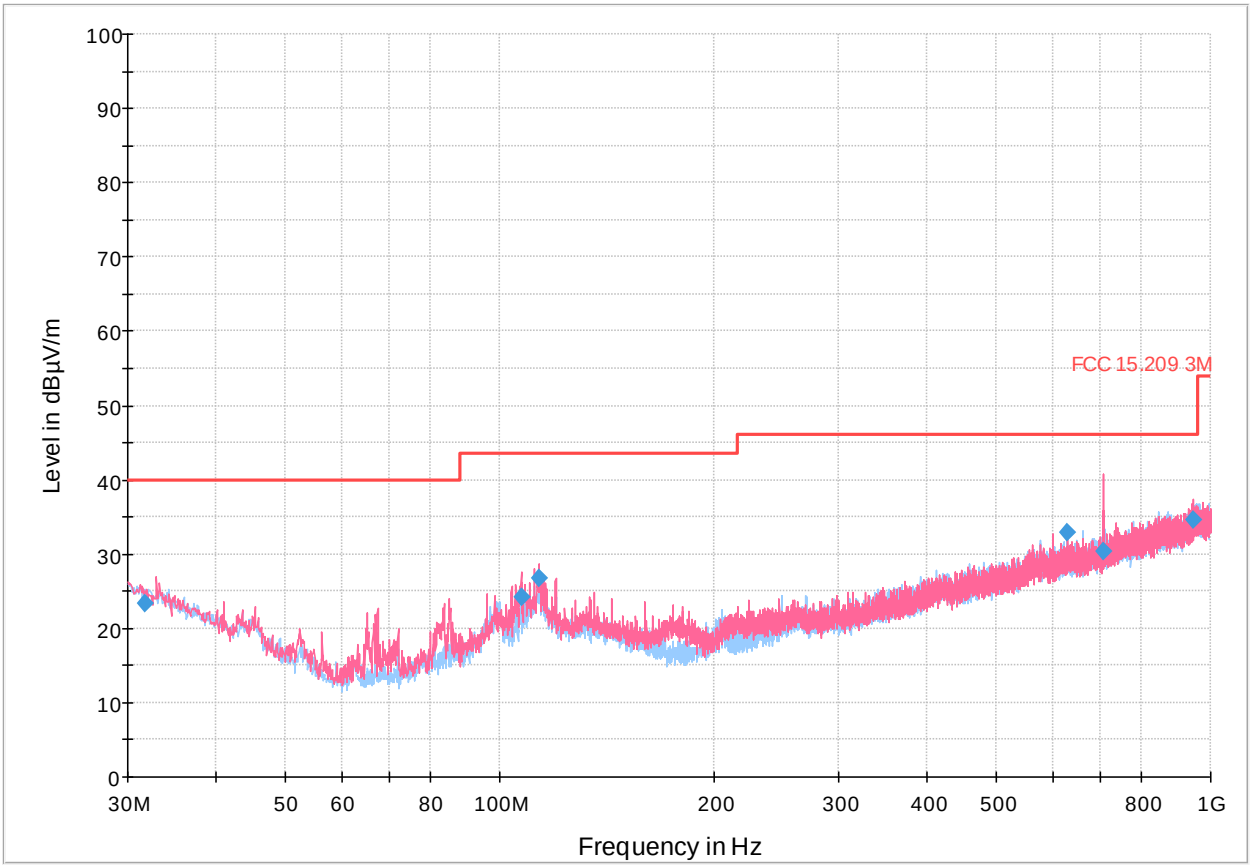

Figure 8.4-45: *Radiated emissions spectral plot (30 MHz - 1 GHz)*

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)
31.670000	23.39	40.00	16.61	5000.0	120.000	114.0	V	352.0	25.7
107.572000	24.12	43.50	19.38	5000.0	120.000	400.0	V	281.0	18.7
113.654000	26.78	43.50	16.72	5000.0	120.000	375.0	V	0.0	19.2
630.002000	32.90	46.00	13.10	5000.0	120.000	246.0	V	250.0	30.0
705.587000	30.26	46.00	15.74	5000.0	120.000	273.0	V	134.0	30.5
947.108000	34.68	46.00	11.32	5000.0	120.000	302.0	V	343.0	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-30-1000MHz-TW950-BW3.6-2442MHz

Full Spectrum

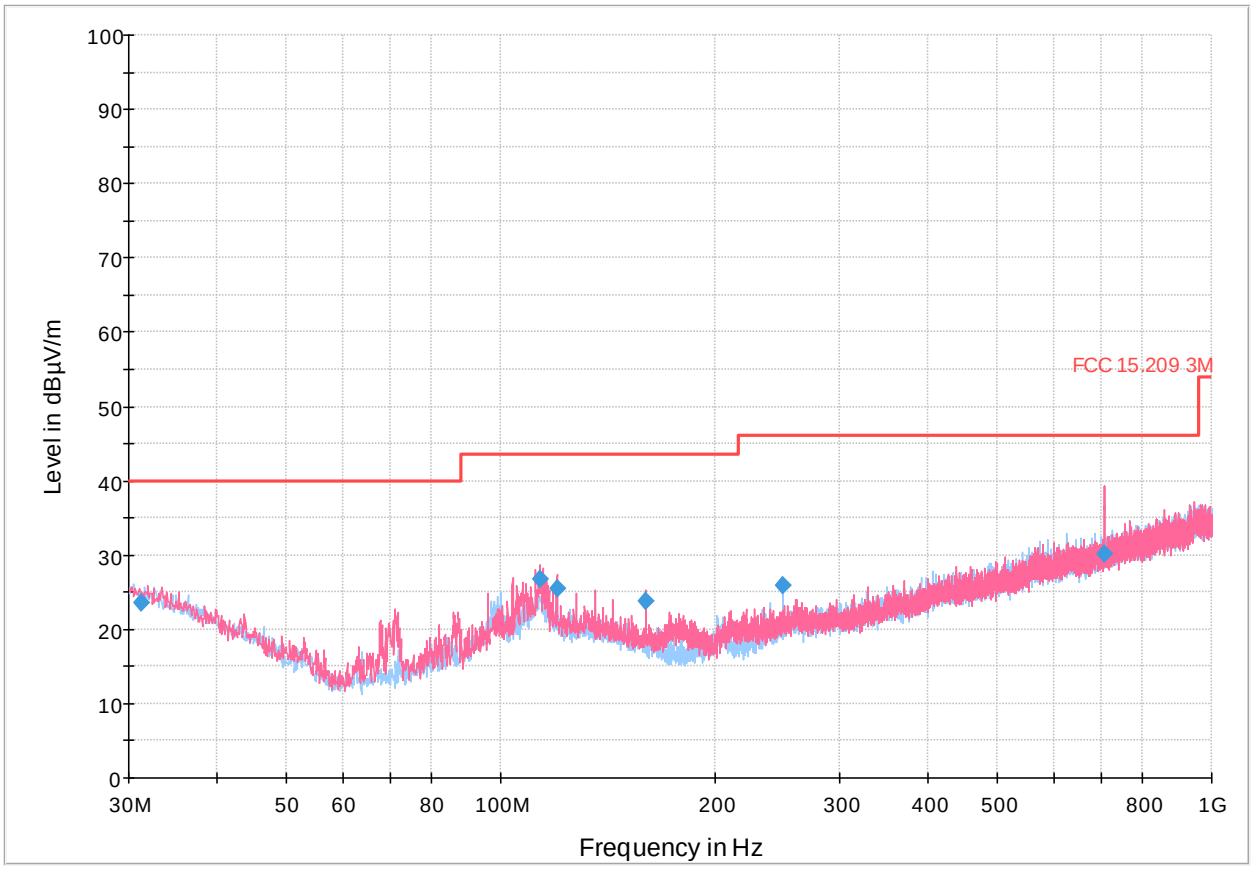

Figure 8.4-46: *Radiated emissions spectral plot (30 MHz - 1 GHz)*

Table 8.4-14*: 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)
31.220000	23.53	40.00	16.47	5000.0	120.000	322.0	V	60.0	26.0
113.654000	26.69	43.50	16.81	5000.0	120.000	390.0	V	237.0	19.2
120.016000	25.42	43.50	18.08	5000.0	120.000	364.0	V	34.0	19.6
160.020000	23.70	43.50	19.80	5000.0	120.000	384.0	V	334.0	18.8
249.996000	25.93	46.00	20.07	5000.0	120.000	100.0	H	316.0	20.9
706.434000	30.22	46.00	15.78	5000.0	120.000	224.0	V	276.0	30.5

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-TW950-BW3.6-2478MHz

Full Spectrum

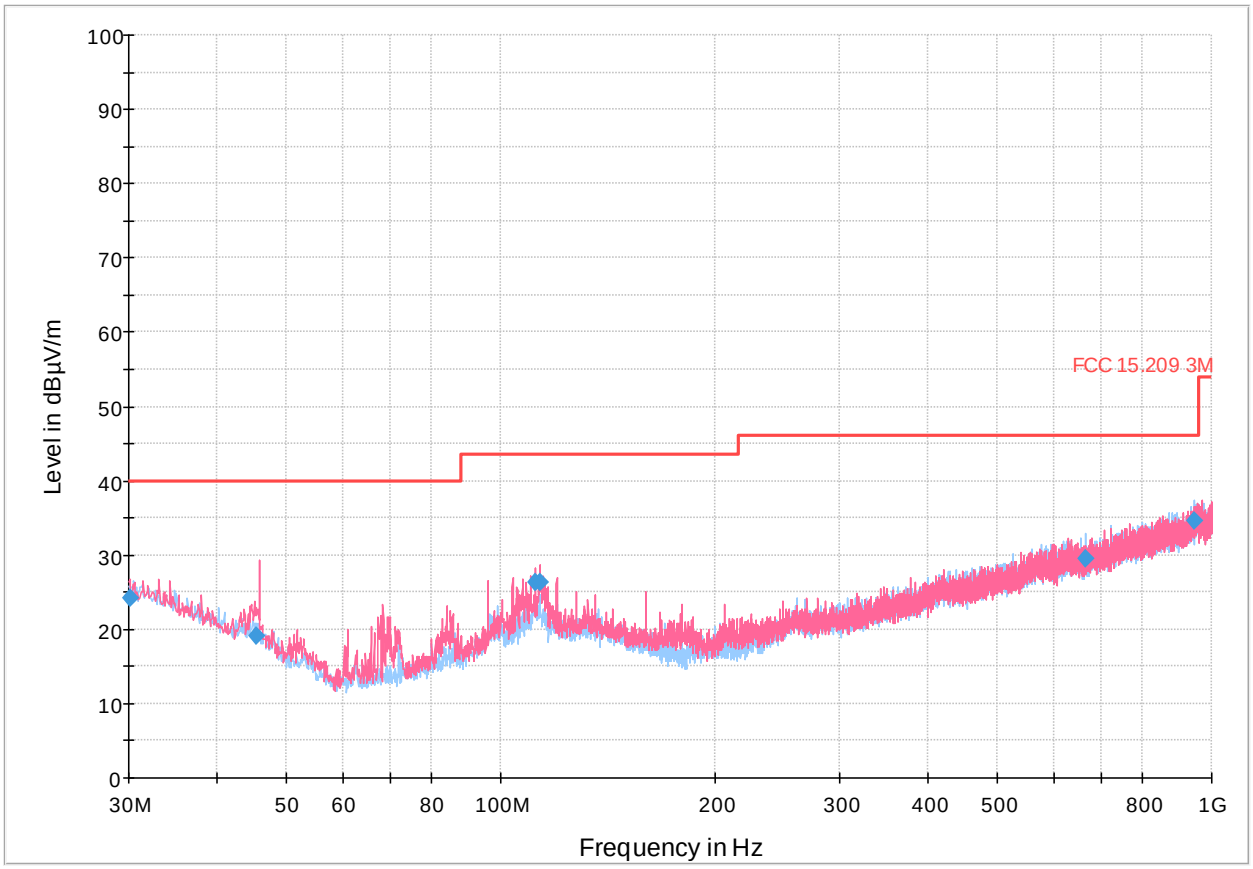

Figure 8.4-47: *Radiated emissions spectral plot (30 MHz - 1 GHz)*

Table 8.4-15*: 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)
30.200000	24.19	40.00	15.81	5000.0	120.000	163.0	V	347.0	26.5
45.251000	19.11	40.00	20.89	5000.0	120.000	122.0	V	295.0	18.4
112.045000	26.38	43.50	17.12	5000.0	120.000	369.0	V	262.0	19.0
113.654000	26.26	43.50	17.24	5000.0	120.000	344.0	V	70.0	19.2
664.163000	29.51	46.00	16.49	5000.0	120.000	229.0	H	34.0	29.9
943.454000	34.50	46.00	11.50	5000.0	120.000	174.0	H	312.0	34.6

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-TW950-BW3.6-2404MHz

Full Spectrum

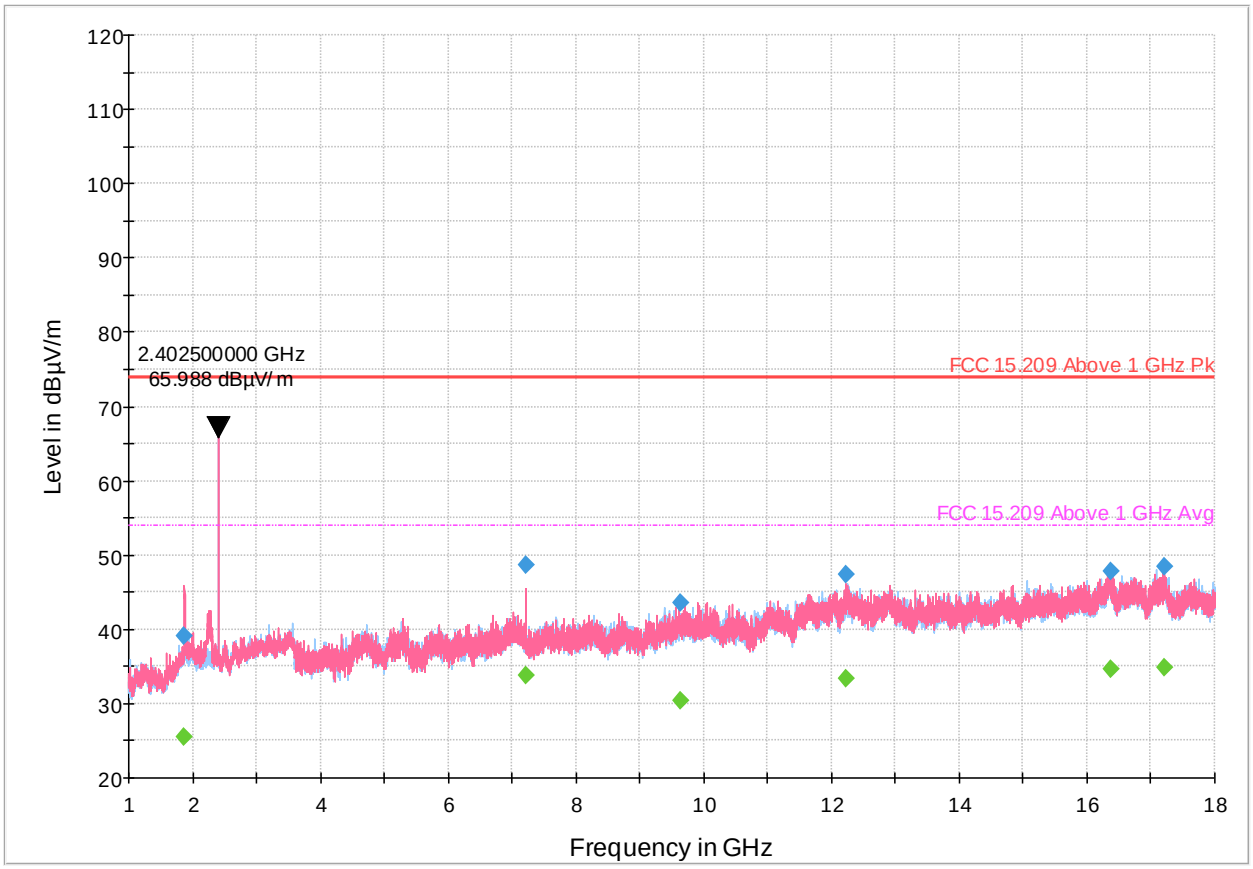

Figure 8.4-48: *Radiated emissions spectral plot (1 GHz - 18 GHz)*

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)
1871.500000	39.11	---	73.90	34.79	5000.0	1000.000	118.0	V	149.0	-10.9
1871.500000	---	25.50	53.90	28.40	5000.0	1000.000	118.0	V	149.0	-10.9
7208.811111	48.61	---	73.90	25.29	5000.0	1000.000	290.0	V	53.0	0.4
7208.811111	---	33.72	53.90	20.18	5000.0	1000.000	290.0	V	53.0	0.4
9625.000000	43.57	---	73.90	30.33	5000.0	1000.000	387.0	V	138.0	3.5
9625.000000	---	30.41	53.90	23.49	5000.0	1000.000	387.0	V	138.0	3.5
12234.166667	47.38	---	73.90	26.52	5000.0	1000.000	136.0	V	147.0	6.9
12234.166667	---	33.33	53.90	20.57	5000.0	1000.000	136.0	V	147.0	6.9
16380.166667	---	34.65	53.90	19.25	5000.0	1000.000	383.0	V	318.0	12.8
16380.166667	47.73	---	73.90	26.17	5000.0	1000.000	383.0	V	318.0	12.8
17205.977778	---	34.76	53.90	19.14	5000.0	1000.000	400.0	H	283.0	15.0
17205.977778	48.50	---	73.90	25.40	5000.0	1000.000	400.0	H	283.0	15.0

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-TW950-BW3.6-2442MHz

Full Spectrum

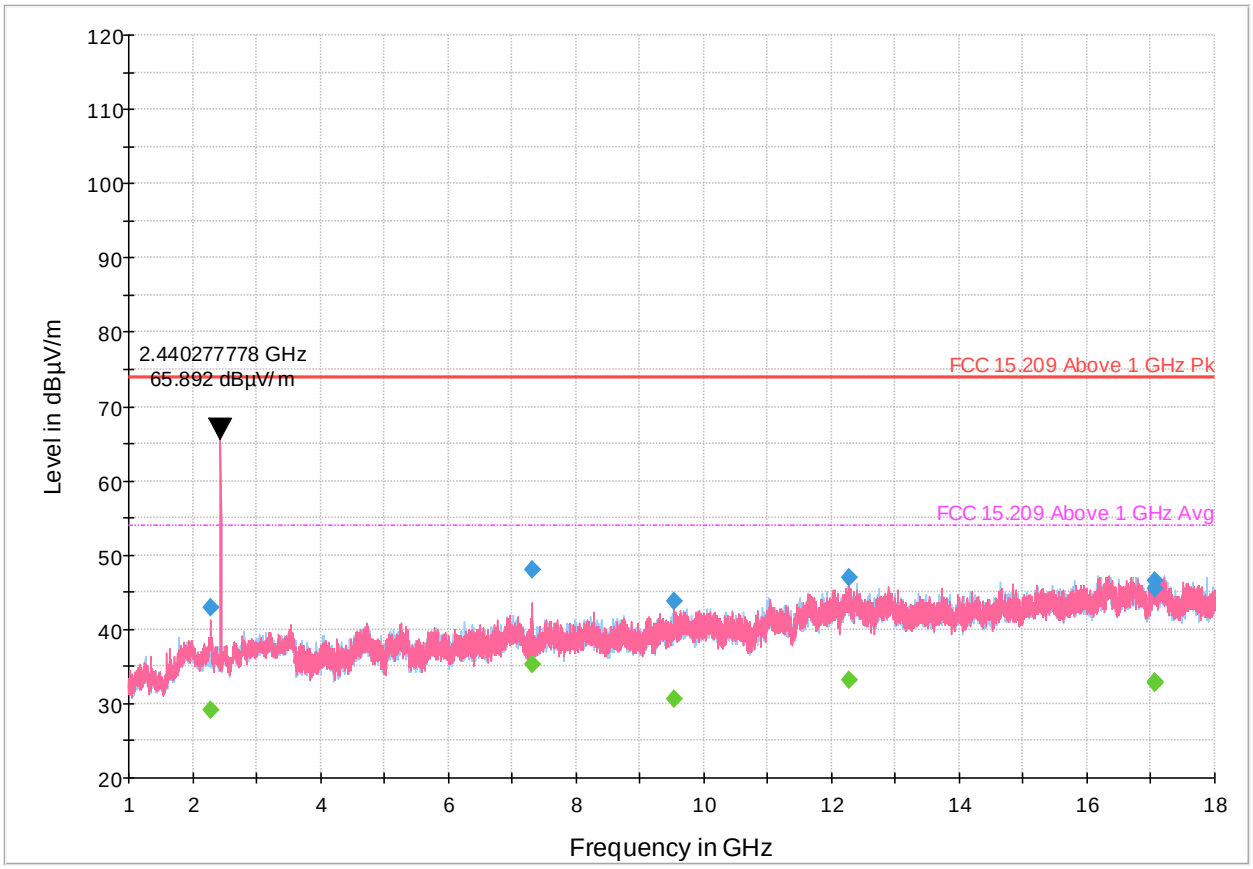

Figure 8.4-49: *Radiated emissions spectral plot (1 GHz - 18 GHz)*

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)
2282.811111	42.93	---	73.90	30.97	5000.0	1000.000	154.0	V	203.0	-10.7
2282.811111	---	29.16	53.90	24.74	5000.0	1000.000	154.0	V	203.0	-10.7
7325.855556	47.94	---	73.90	25.96	5000.0	1000.000	233.0	V	20.0	0.6
7325.855556	---	35.20	53.90	18.70	5000.0	1000.000	233.0	V	20.0	0.6
9546.644444	43.74	---	73.90	30.16	5000.0	1000.000	195.0	V	41.0	3.2
9546.644444	---	30.70	53.90	23.20	5000.0	1000.000	195.0	V	41.0	3.2
12264.422222	---	33.22	53.90	20.68	5000.0	1000.000	331.0	V	233.0	7.0
12264.422222	47.00	---	73.90	26.90	5000.0	1000.000	331.0	V	233.0	7.0
17059.222222	46.60	---	73.90	27.30	5000.0	1000.000	233.0	V	193.0	12.7
17059.222222	---	32.82	53.90	21.08	5000.0	1000.000	233.0	V	193.0	12.7
17060.022222	---	32.91	53.90	20.99	5000.0	1000.000	127.0	V	66.0	12.7
17060.022222	45.55	---	73.90	28.35	5000.0	1000.000	127.0	V	66.0	12.7

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-RE-1-18GHz-TW950-BW3.6-2478MHz

Full Spectrum

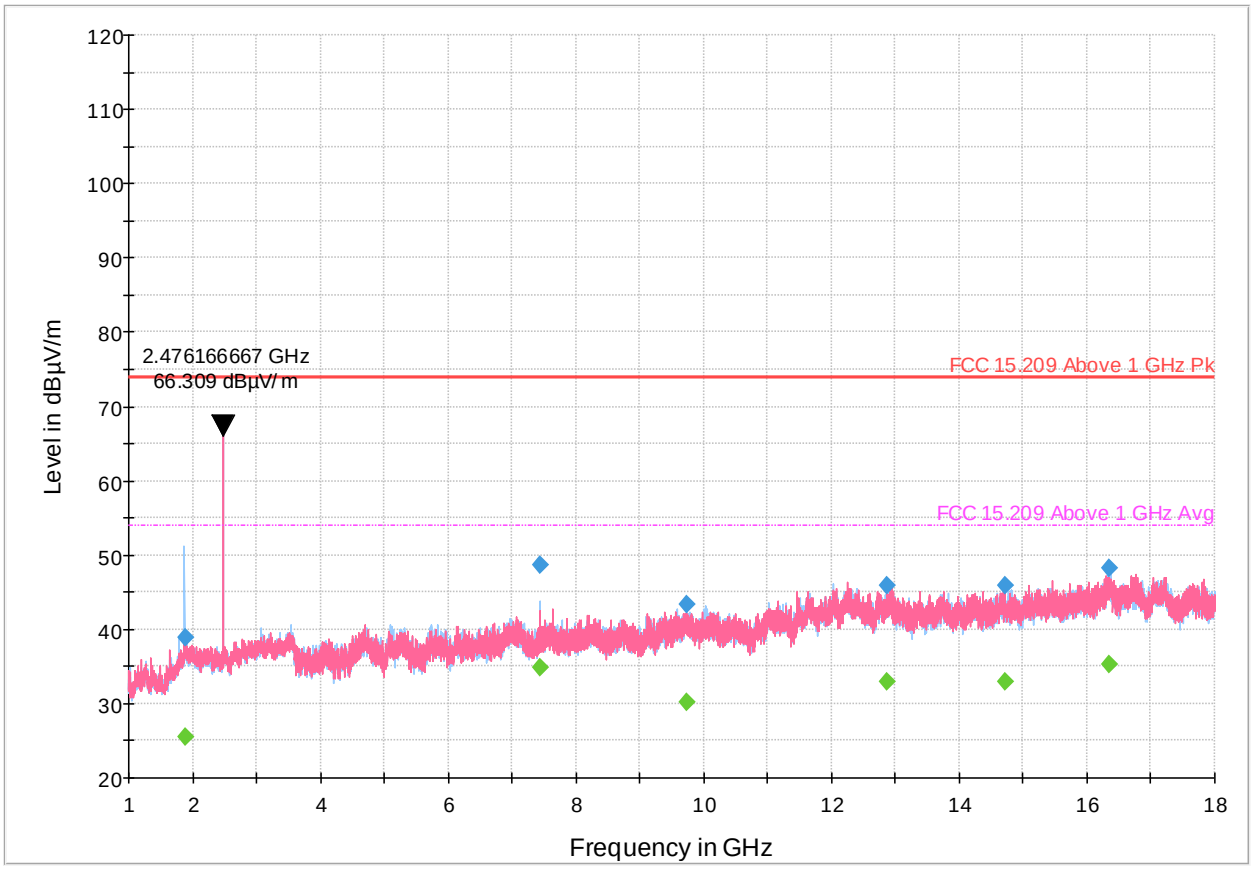

Figure 8.4-50: *Radiated emissions spectral plot (1 GHz - 18 GHz)*

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)
1876.300000	38.79	---	73.90	35.11	5000.0	1000.000	312.0	H	337.0	-10.8
1876.300000	---	25.49	53.90	28.41	5000.0	1000.000	312.0	H	337.0	-10.8
7433.988889	---	34.79	53.90	19.11	5000.0	1000.000	210.0	H	11.0	1.2
7433.988889	48.67	---	73.90	25.23	5000.0	1000.000	210.0	H	11.0	1.2
9726.633333	43.38	---	73.90	30.52	5000.0	1000.000	285.0	H	43.0	3.6
9726.633333	---	30.17	53.90	23.73	5000.0	1000.000	285.0	H	43.0	3.6
12863.500000	45.89	---	73.90	28.01	5000.0	1000.000	296.0	V	54.0	8.7
12863.500000	---	32.86	53.90	21.04	5000.0	1000.000	296.0	V	54.0	8.7
14728.555556	---	32.98	53.90	20.92	5000.0	1000.000	188.0	V	205.0	9.5
14728.555556	45.99	---	73.90	27.91	5000.0	1000.000	188.0	V	205.0	9.5
16339.166667	48.33	---	73.90	25.57	5000.0	1000.000	199.0	H	241.0	13.2
16339.166667	---	35.23	53.90	18.67	5000.0	1000.000	199.0	H	241.0	13.2

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-TW950-BW3.6-2404MHz

Full Spectrum

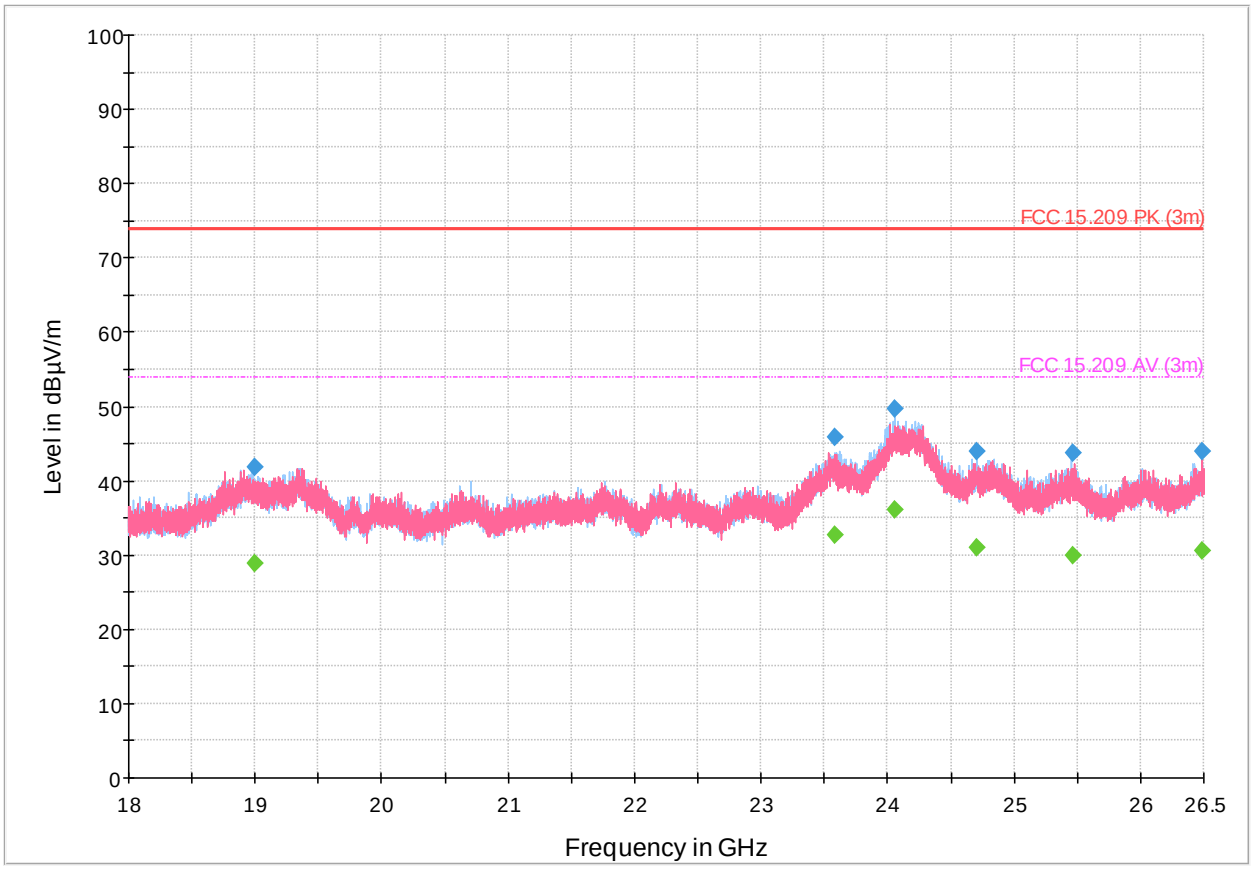

Figure 8.4-51: *Radiated emissions spectral plot (18 GHz - 26.5 GHz)*

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)
18994.050000	---	28.92	53.90	24.98	5000.0	1000.000	249.0	H	326.0	16.0
18994.050000	41.78	---	73.90	32.12	5000.0	1000.000	249.0	H	326.0	16.0
23587.106250	45.84	---	73.90	28.06	5000.0	1000.000	163.0	H	0.0	23.9
23587.106250	---	32.64	53.90	21.26	5000.0	1000.000	163.0	H	0.0	23.9
24052.187500	49.60	---	73.90	24.30	5000.0	1000.000	384.0	H	71.0	27.6
24052.187500	---	36.05	53.90	17.85	5000.0	1000.000	384.0	H	71.0	27.6
24707.506250	43.98	---	73.90	29.92	5000.0	1000.000	230.0	H	240.0	22.4
24707.506250	---	31.00	53.90	22.90	5000.0	1000.000	230.0	H	240.0	22.4
25459.362500	43.63	---	73.90	30.27	5000.0	1000.000	367.0	H	258.0	21.8
25459.362500	---	29.99	53.90	23.91	5000.0	1000.000	367.0	H	258.0	21.8
26484.400000	---	30.55	53.90	23.35	5000.0	1000.000	377.0	V	0.0	23.4
26484.400000	43.89	---	73.90	30.01	5000.0	1000.000	377.0	V	0.0	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-TW950-BW3.6-2442MHz

Full Spectrum

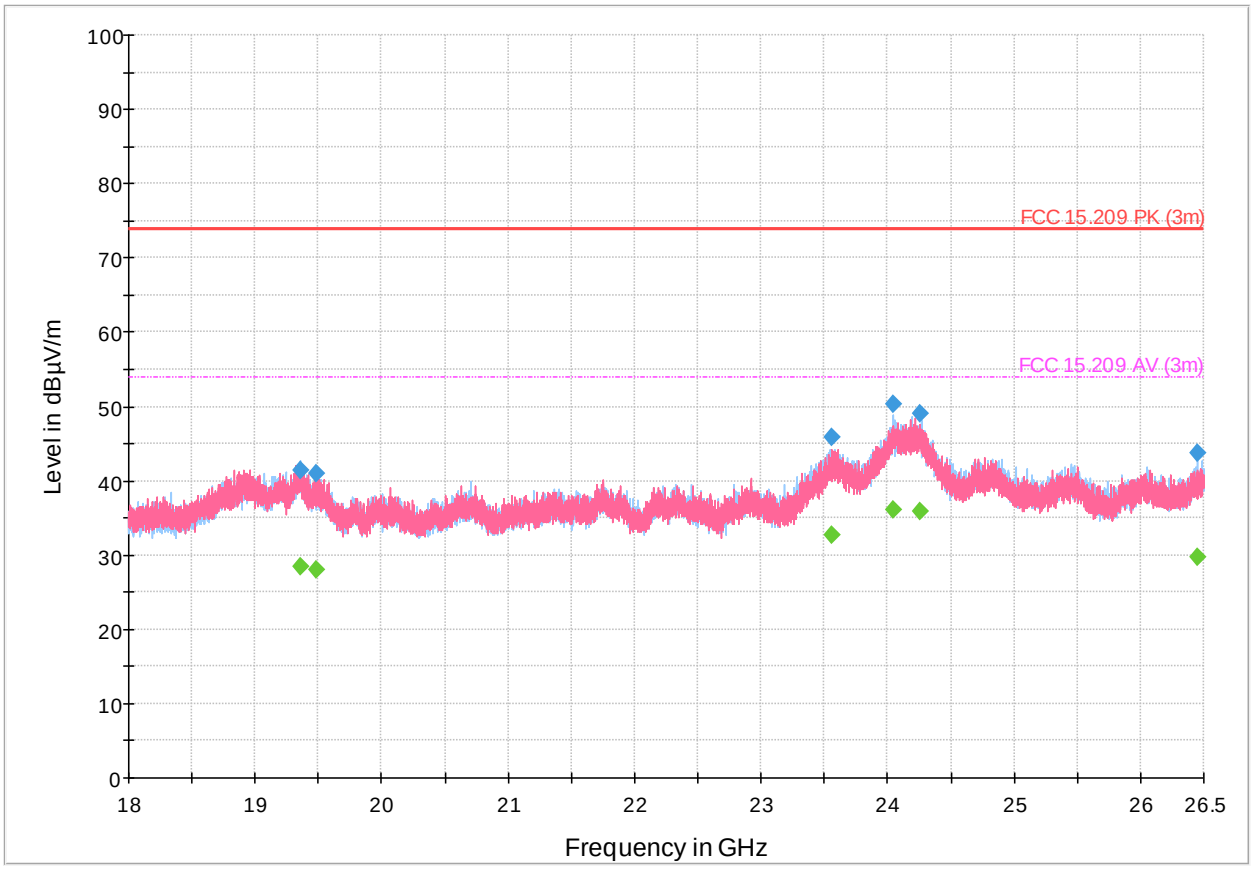

Figure 8.4-52: *Radiated emissions spectral plot (18 GHz - 26.5 GHz)*

Table 8.4-20*: 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)
19358.468750	41.31	---	73.90	32.59	5000.0	1000.000	294.0	H	83.0	16.7
19358.468750	---	28.46	53.90	25.44	5000.0	1000.000	294.0	H	83.0	16.7
19483.675000	---	28.02	53.90	25.88	5000.0	1000.000	122.0	V	225.0	16.4
19483.675000	41.06	---	73.90	32.84	5000.0	1000.000	122.0	V	225.0	16.4
23555.762500	---	32.64	53.90	21.26	5000.0	1000.000	163.0	H	0.0	23.7
23555.762500	45.86	---	73.90	28.04	5000.0	1000.000	163.0	H	0.0	23.7
24040.362500	---	36.06	53.90	17.84	5000.0	1000.000	141.0	H	60.0	27.6
24040.362500	50.33	---	73.90	23.57	5000.0	1000.000	141.0	H	60.0	27.6
24252.456250	---	35.93	53.90	17.97	5000.0	1000.000	263.0	V	318.0	26.9
24252.456250	49.14	---	73.90	24.76	5000.0	1000.000	263.0	V	318.0	26.9
26455.443750	43.74	---	73.90	30.16	5000.0	1000.000	160.0	H	0.0	23.2
26455.443750	---	29.76	53.90	24.14	5000.0	1000.000	160.0	H	0.0	23.2

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-TW950-BW3.6-2478MHz

Full Spectrum

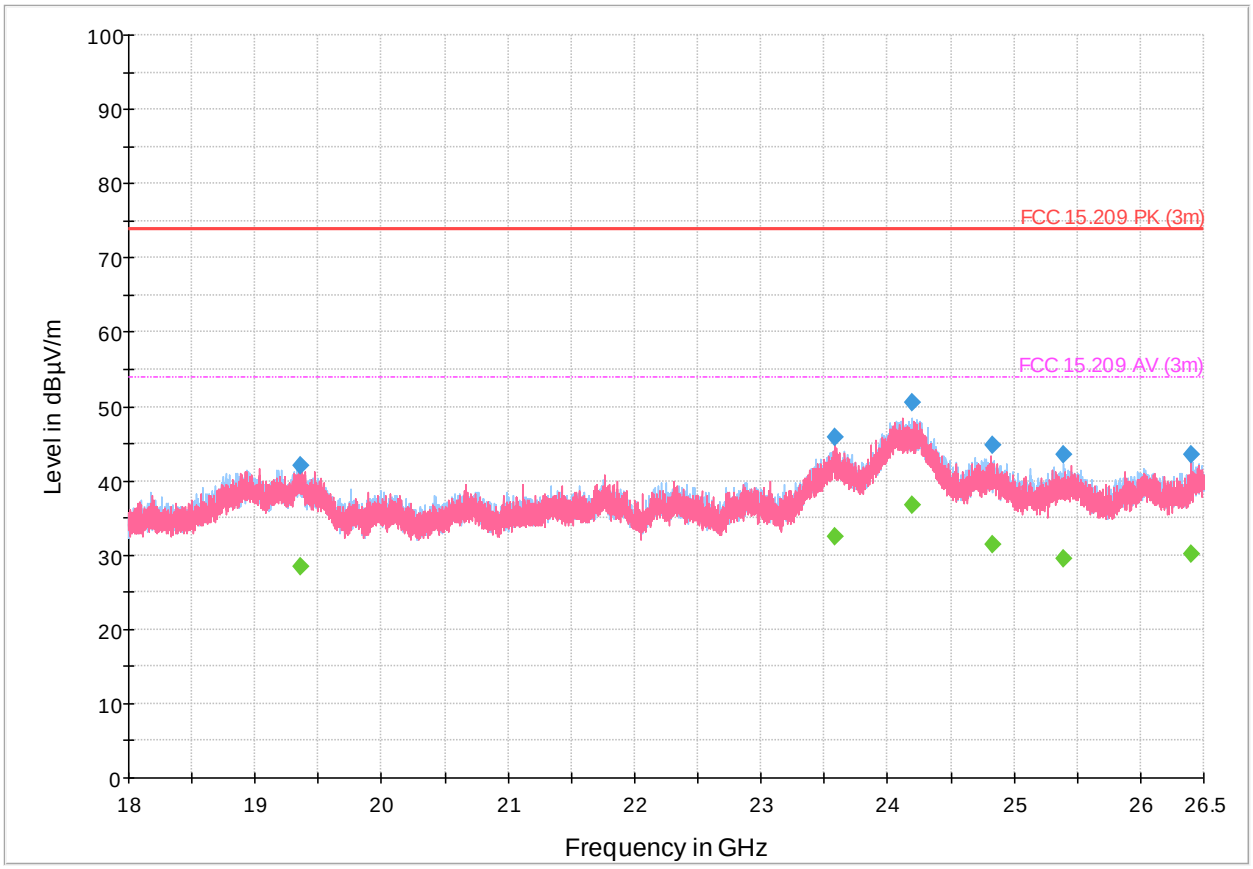

Figure 8.4-53: *Radiated emissions spectral plot (18 GHz - 26.5 GHz)*

Table 8.4-21*: 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)
19352.493750	42.06	---	73.90	31.84	5000.0	1000.000	126.0	V	169.0	16.7
19352.493750	---	28.50	53.90	25.40	5000.0	1000.000	126.0	V	169.0	16.7
23584.431250	45.84	---	73.90	28.06	5000.0	1000.000	126.0	V	134.0	23.9
23584.431250	---	32.56	53.90	21.34	5000.0	1000.000	126.0	V	134.0	23.9
24196.443750	50.55	---	73.90	23.35	5000.0	1000.000	380.0	H	95.0	27.1
24196.443750	---	36.67	53.90	17.23	5000.0	1000.000	380.0	H	95.0	27.1
24823.993750	---	31.33	53.90	22.57	5000.0	1000.000	328.0	V	46.0	22.3
24823.993750	44.76	---	73.90	29.14	5000.0	1000.000	328.0	V	46.0	22.3
25387.618750	43.47	---	73.90	30.43	5000.0	1000.000	233.0	H	211.0	21.5
25387.618750	---	29.48	53.90	24.42	5000.0	1000.000	233.0	H	211.0	21.5
26405.800000	---	30.09	53.90	23.81	5000.0	1000.000	129.0	V	250.0	22.9
26405.800000	43.61	---	73.90	30.29	5000.0	1000.000	129.0	V	250.0	22.9

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.

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 7, 2023	Temperature	19.14 °C
Test engineer	Chenhao Ma, Wireless Test Technician	Air pressure	998.4 mbar
Test location	☒ Wireless bench ☐ Other:	Relative humidity	38.2 %

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	☒ Table-top ☐ Floor standing ☐ 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	6.80	8.0
2442	5.74	8.0
2478	6.56	8.0

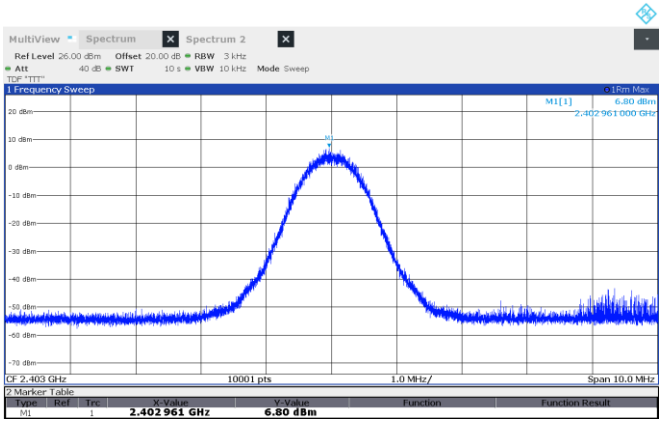

Figure 8.5-1: *TSM-Power spectral density, 2403 MHz*

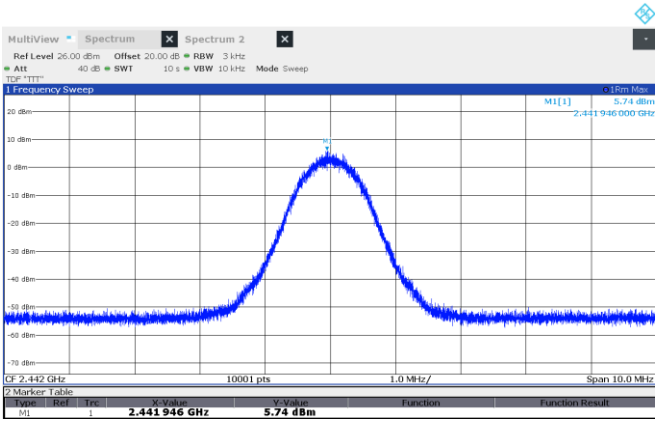

Figure 8.5-2: *TSM-Power spectral density, 2442 MHz*

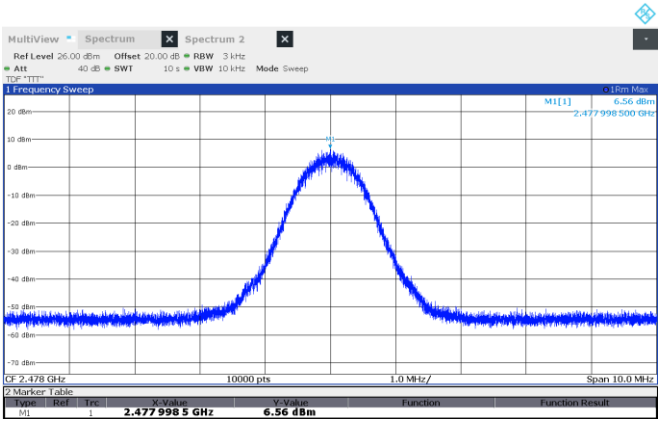

Figure 8.5-3: *TSM-Power spectral density, 2478 MHz*

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	3.04	8.0
2442	3.03	8.0
2478	3.88	8.0

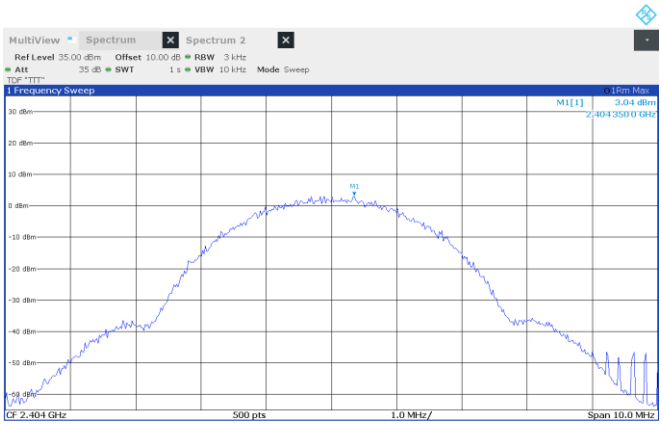

Figure 8.5-4: *TSM- Bandwidth 3.6MHz Power spectral density, 2404 MHz*

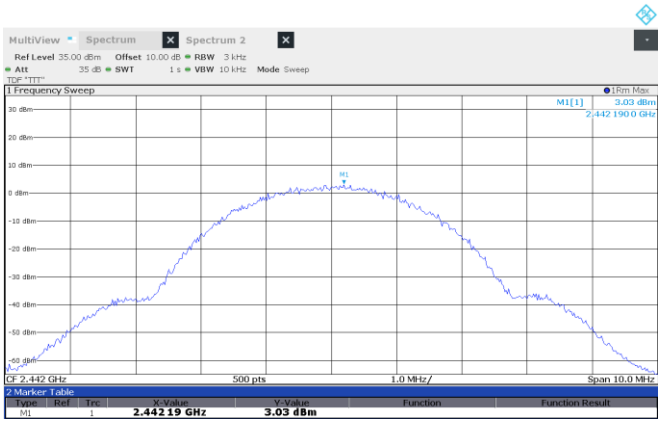

Figure 8.5-5: *TSM- Bandwidth 3.6MHz Power spectral density, 2442 MHz*

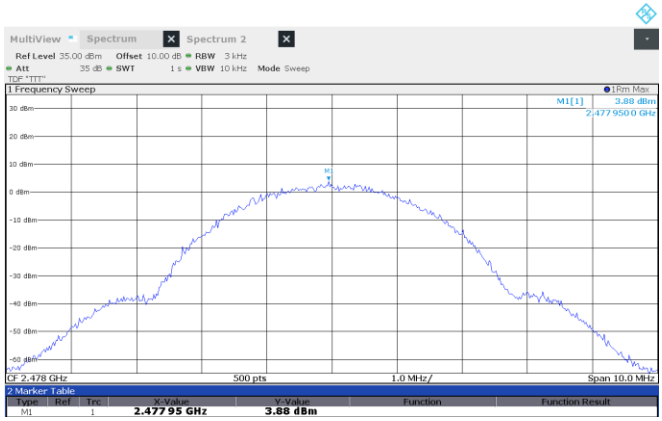

Figure 8.5-6: *TSM- Bandwidth 3.6MHz Power spectral density, 2478 MHz*

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	-0.63	8.0
2442	1.69	8.0
2465	1.52	8.0

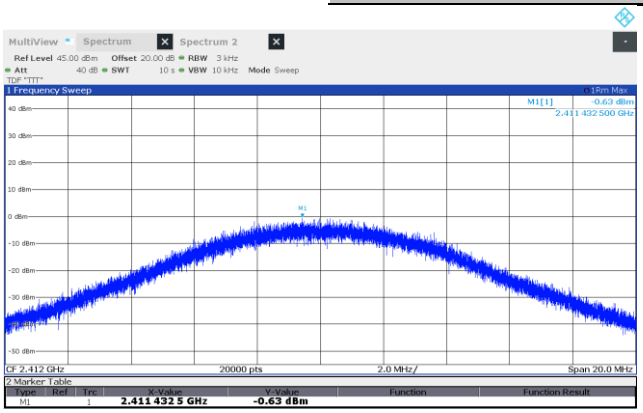

Figure 8.5-7: *TSM- Bandwidth 10MHz Power spectral density, 2412 MHz*

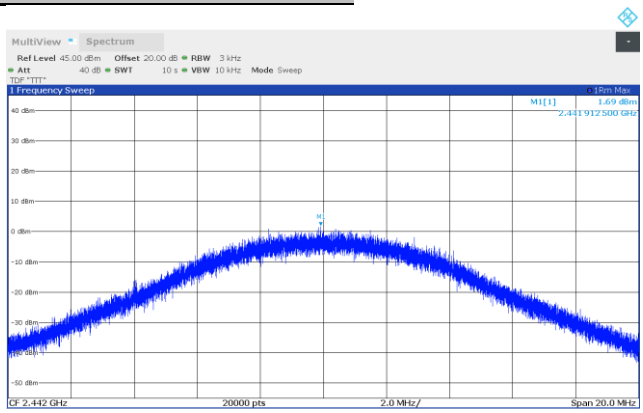

Figure 8.5-8: *TSM- Bandwidth 10MHz Power spectral density, 2442 MHz*

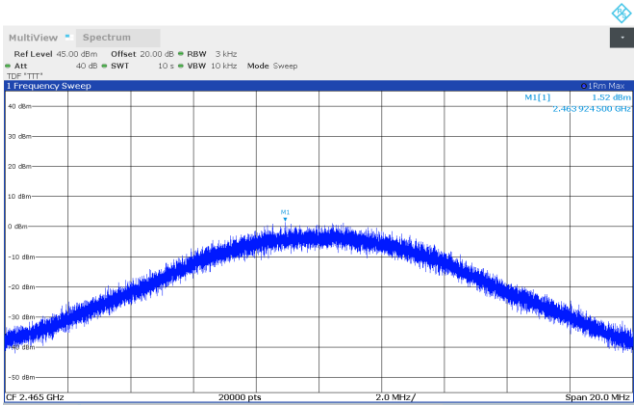

Figure 8.5-9: *TSM- Bandwidth 10MHz Power spectral density, 2465 MHz*

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	1.13	30.0
2442	0.09	30.0

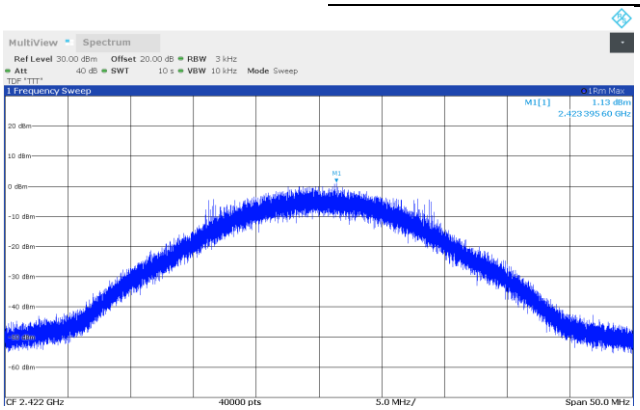

Figure 8.5-10: *TSM- Bandwidth 20MHz Power spectral density, 2422 MHz*

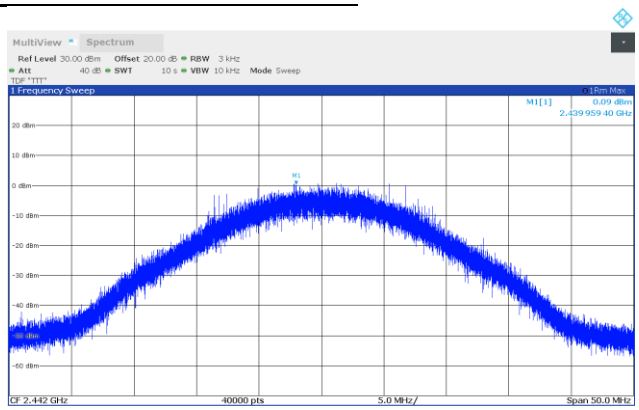

Figure 8.5-11: *TSM- Bandwidth 20MHz Power spectral density, 2442 MHz*

Table 8.5-5: *HDR-Bandwidth 20MHz power spectral density test data*

Test frequency (MHz)	Measured power spectral density (dBm/3kHz)	Limit (dBm/3kHz)
2422	3.88	8.0
2442	2.5	8.0

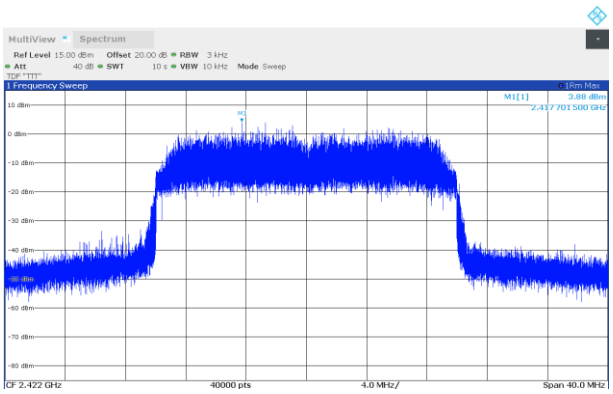

Figure 8.5-12: *HDR- Bandwidth 20MHz Power spectral density, 2422 MHz*

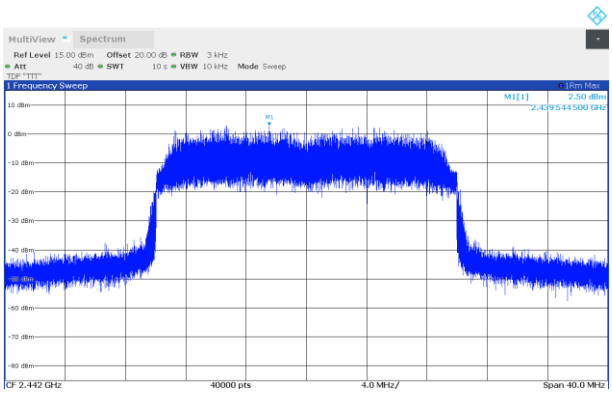

Figure 8.5-13: *HDR- Bandwidth 20MHz Power spectral density, 2442 MHz*

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 6, 2023	Temperature	19.77 °C
Test engineer	Chenhao Ma, Wireless Test Technician	Air pressure	997.1 mbar
Test location	☒ Wireless bench ☐ Other:	Relative humidity	44.1 %

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	☒ Table-top ☐ Floor standing ☐ 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	1.261	2402.9	2402.3	2403.6	f_H and f_L within 2400 – 2483.5 MHz
2442	1.203	2441.9	2441.3	2442.5	f_H and f_L within 2400 – 2483.5 MHz
2478	1.209	2478.0	2477.3	2478.6	f_H and f_L within 2400 – 2483.5 MHz

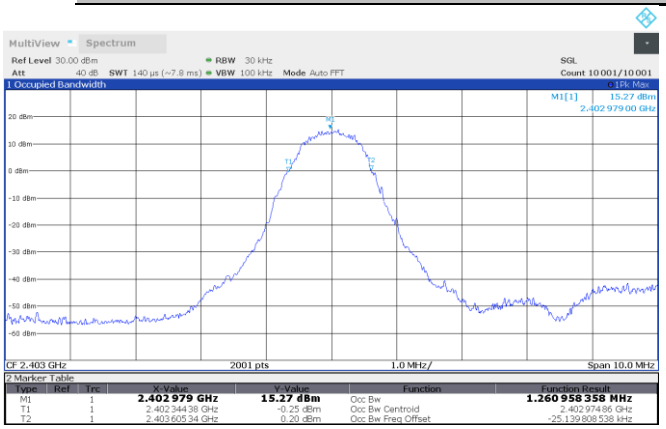

Figure 8.6-1: *TSM-Bandwidth 1.2MHz 99 % occupied bandwidth, 2403 MHz*

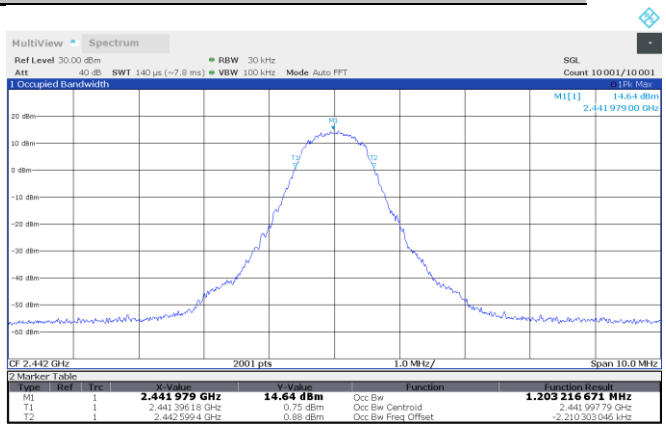

Figure 8.6-2: *TSM-Bandwidth 1.2MHz 99 % occupied bandwidth, 2442 MHz*

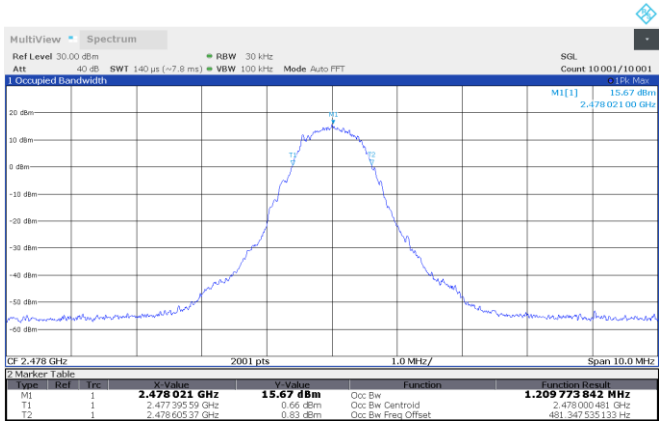

Figure 8.6-3: *TSM-Bandwidth 1.2MHz 99 % occupied bandwidth, 2478 MHz*

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	3.561	2.4040	2.4022	2.4058	f_H and f_L within 2400 – 2483.5 MHz
2442	3.570	2.4420	2.4402	2.4437	f_H and f_L within 2400 – 2483.5 MHz
2478	3.560	2.4780	2.4762	2.4797	f_H and f_L within 2400 – 2483.5 MHz

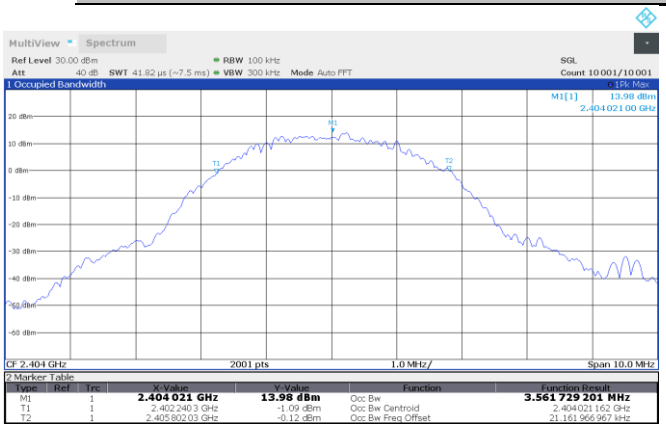

Figure 8.6-4: *TSM-Bandwidth 3.6MHz 99 % occupied bandwidth, 2404 MHz*

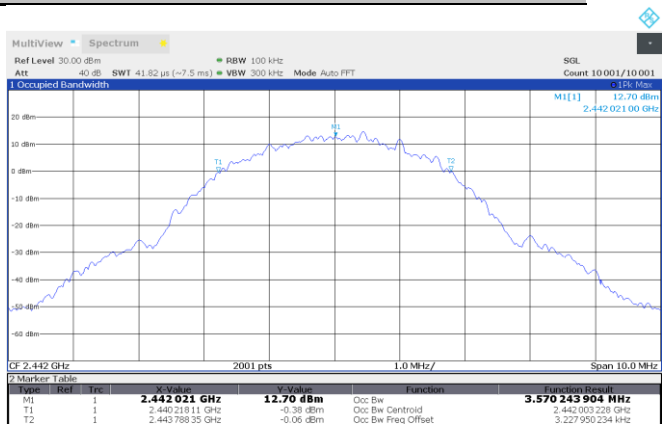

Figure 8.6-5: *TSM-Bandwidth 3.6MHz 99 % occupied bandwidth, 2442 MHz*

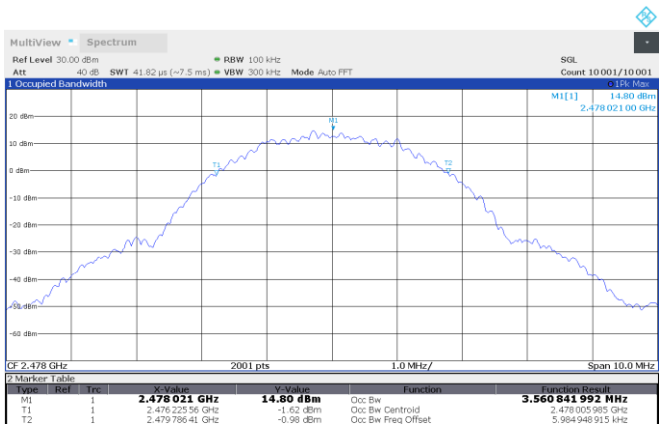

Figure 8.6-6: *TSM-Bandwidth 3.6MHz 99 % occupied bandwidth, 2478 MHz*

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	11.088	2411.9	2406.4	2417.5	f_H and f_L within 2400 – 2483.5 MHz
2442	11.002	2442.0	2436.5	2447.5	f_H and f_L within 2400 – 2483.5 MHz
2465	10.949	2465.0	2459.5	2470.5	f_H and f_L within 2400 – 2483.5 MHz

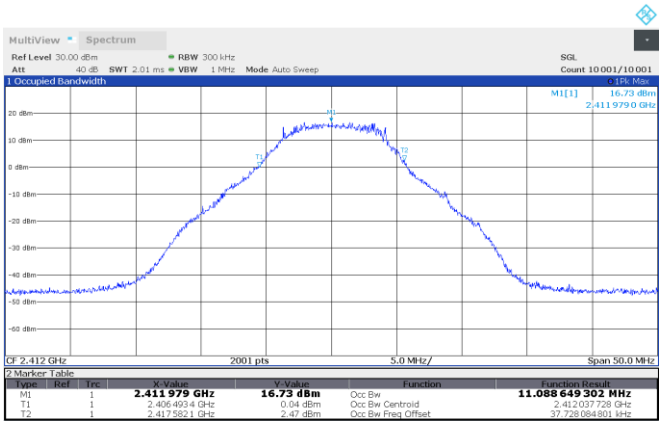

Figure 8.6-7: *TSM-Bandwidth 10MHz 99 % occupied bandwidth, 2412 MHz*

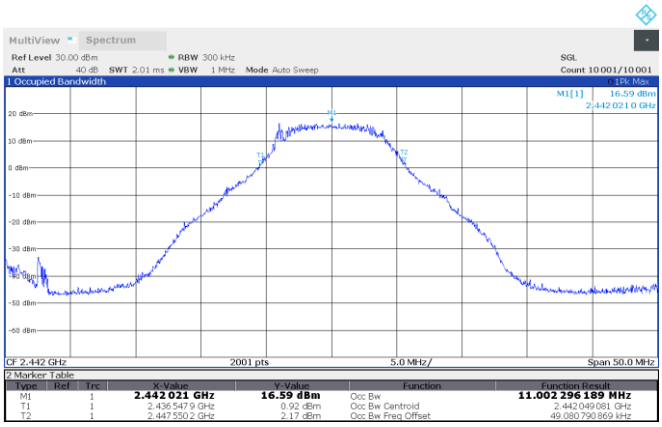

Figure 8.6-8: *TSM-Bandwidth 10MHz 99 % occupied bandwidth, 2442 MHz*

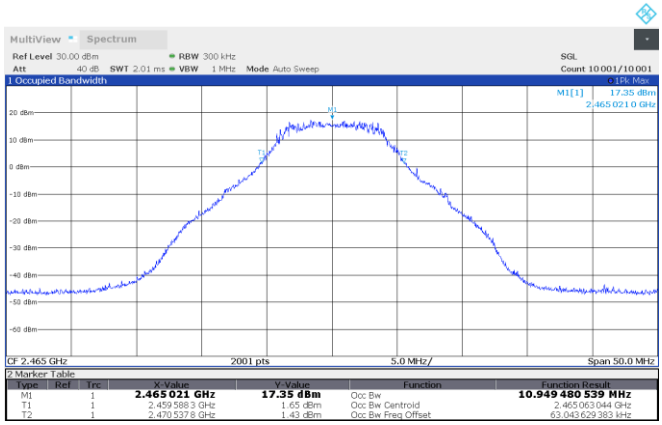

Figure 8.6-9: *TSM-Bandwidth 10MHz 99 % occupied bandwidth, 2465 MHz*

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	20.201	2422.0	2412.0	2432.2	f_H and f_L within 2400 – 2483.5 MHz
2442	20.310	2441.9	2431.9	2452.2	f_H and f_L within 2400 – 2483.5 MHz

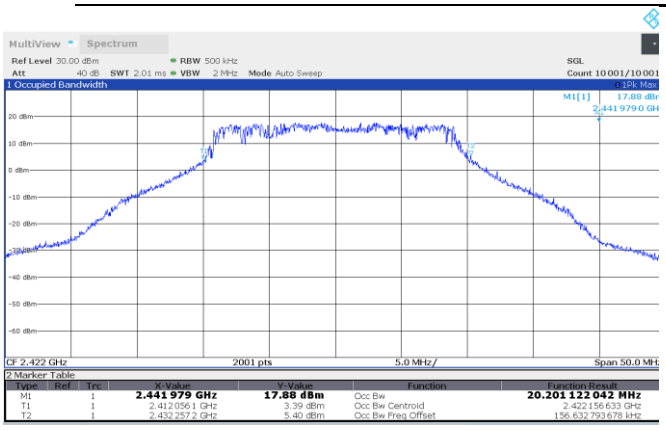

Figure 8.6-10: *TSM-Bandwidth 20MHz 99 % occupied bandwidth, 2422 MHz*

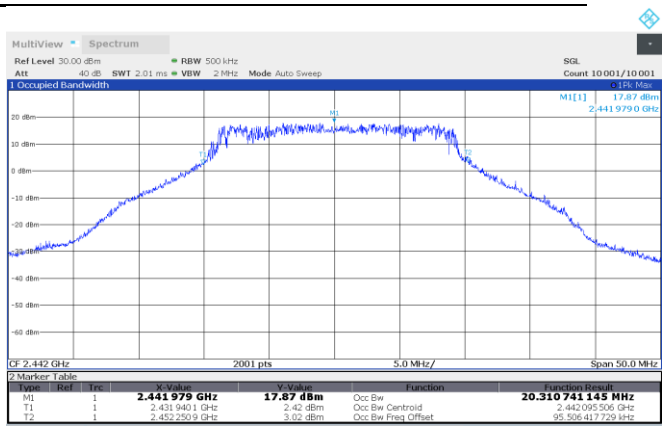

Figure 8.6-11: *TSM-Bandwidth 20MHz 99 % occupied bandwidth, 2442 MHz*

Table 8.6-5: *HDR-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	18.649	2421.9	2412.6	2431.3	f_H and f_L within 2400 – 2483.5 MHz
2442	18.659	2441.9	2432.6	2451.3	f_H and f_L within 2400 – 2483.5 MHz

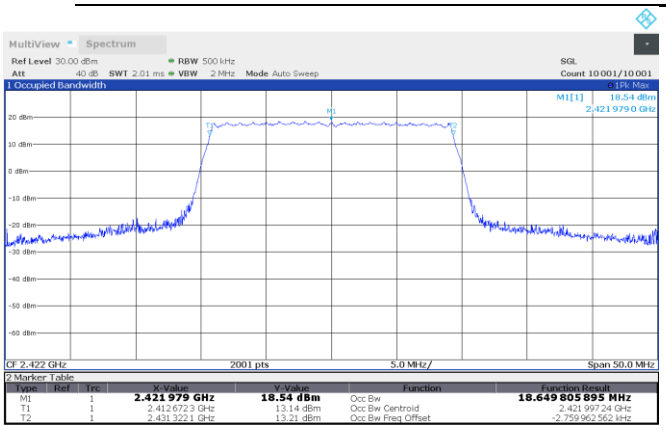

Figure 8.6-12: *HDR-Bandwidth 20MHz 99 % occupied bandwidth, 2422 MHz*

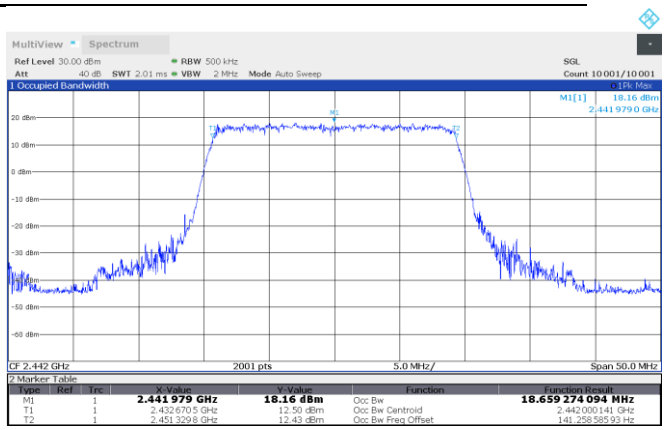

Figure 8.6-13: *HDR-Bandwidth 20MHz 99 % occupied bandwidth, 2442 MHz*

Section 9 Attestation Letter

Not provided

End of test report