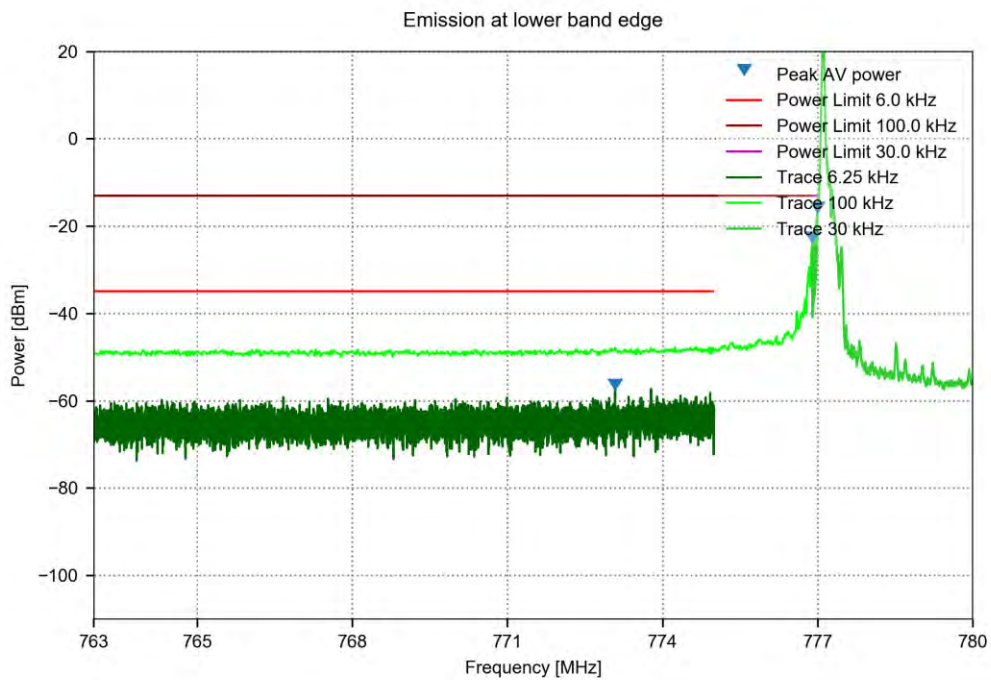


Band edge compliance

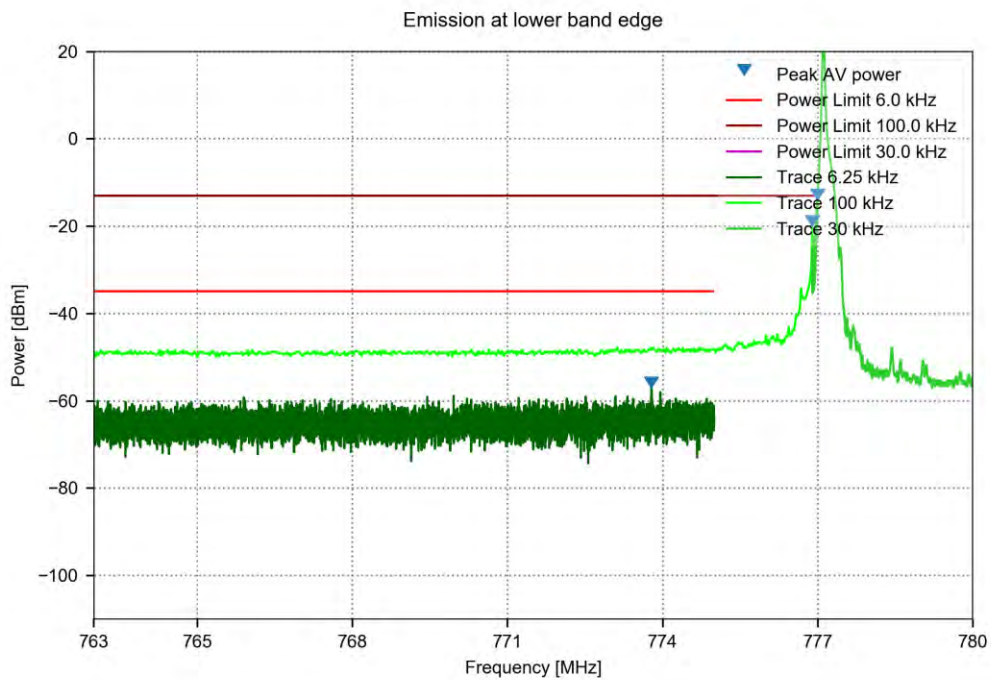
Project Number: G0M-2304-2019
 Applicant: Vaisala Oyj
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Reference Standards: ISED RSS-130, Issue 2
 Reference Method: ANSI C63.26:2015, Section 5.7
 Operator: Florian Voigt
 Test Date: 2023-06-16
 Test Site: Eurofins Product Service GmbH
 Band, Channel, Modulation: FDD13, 23182, $\pi/4$ - QPSK
 Emission bandwidth: 3.75 kHz
 Tone configuration: 1 Tones, Offset=0
 Min. out of band margin: -3.74 dB, 776.998 MHz
 Verdict: PASS



Frequency Range [MHz]	Highest Emission Frequency [MHz]	Highest Emission [dBm]	Measurement Bandwidth [kHz]	Limit [dBm]	Margin [dB]	Sweep points	Sweep time [s]	Detector
763.0 - 775.0	773.09	-57.31	6.25	-35	-22.31	9601	4.7	RMS
763.0 - 776.9	776.9	-23.58	100.0	-13	-10.58	701	1.0	RMS
776.9 - 777.0	777.0	-16.74	30.0	-13	-3.74	701	1.0	RMS

Band edge compliance

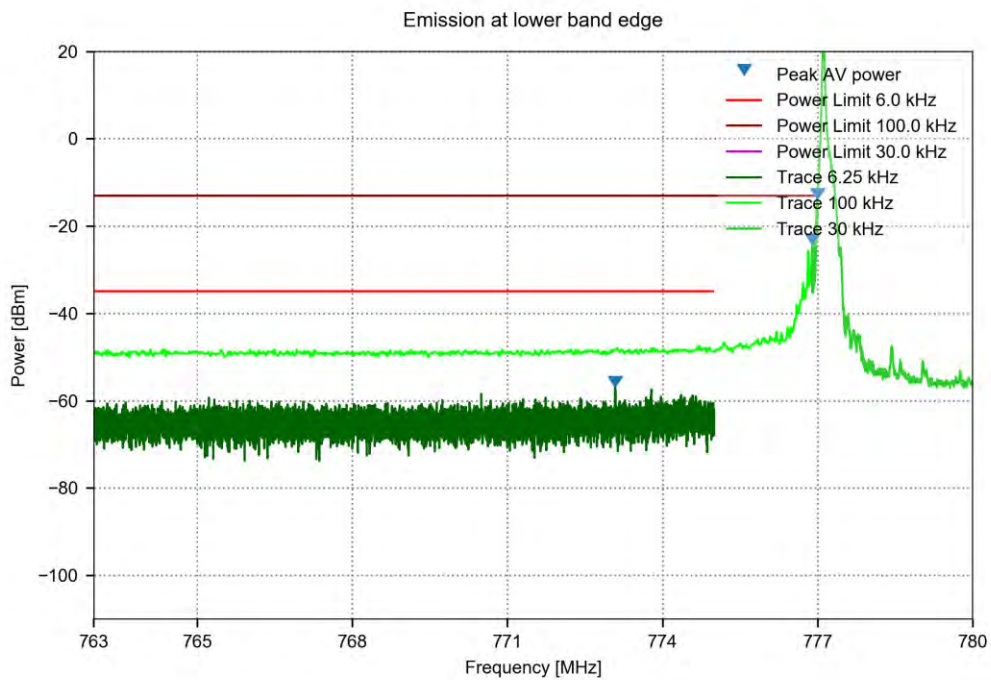
Project Number: G0M-2304-2019
 Applicant: Vaisala Oyj
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Reference Standards: ISED RSS-130, Issue 2
 Reference Method: ANSI C63.26:2015, Section 5.7
 Operator: Florian Voigt
 Test Date: 2023-06-16
 Test Site: Eurofins Product Service GmbH
 Band, Channel, Modulation: FDD13, 23182, $\pi/2$ - BPSK
 Emission bandwidth: 15.0 kHz
 Tone configuration: 1 Tones, Offset=0
 Min. out of band margin: -0.74 dB, 777.0 MHz
 Verdict: PASS



Frequency Range [MHz]	Highest Emission Frequency [MHz]	Highest Emission [dBm]	Measurement Bandwidth [kHz]	Limit [dBm]	Margin [dB]	Sweep points	Sweep time [s]	Detector
763.0 - 775.0	773.79	-56.86	6.25	-35	-21.86	9601	4.7	RMS
763.0 - 776.9	776.9	-19.81	100.0	-13	-6.81	701	1.0	RMS
776.9 - 777.0	777.0	-13.74	30.0	-13	-0.74	701	1.0	RMS

Band edge compliance

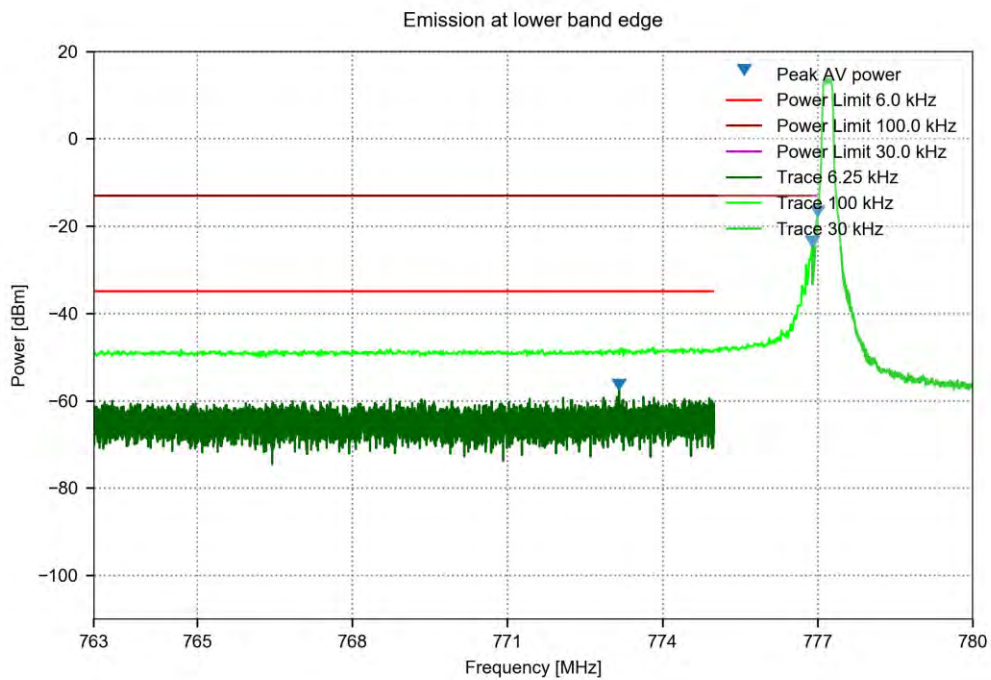
Project Number: G0M-2304-2019
 Applicant: Vaisala Oyj
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Reference Standards: ISED RSS-130, Issue 2
 Reference Method: ANSI C63.26:2015, Section 5.7
 Operator: Florian Voigt
 Test Date: 2023-06-16
 Test Site: Eurofins Product Service GmbH
 Band, Channel, Modulation: FDD13, 23182, $\pi/4$ - QPSK
 Emission bandwidth: 15.0 kHz
 Tone configuration: 1 Tones, Offset=0
 Min. out of band margin: -0.64 dB, 776.998 MHz
 Verdict: PASS



Frequency Range [MHz]	Highest Emission Frequency [MHz]	Highest Emission [dBm]	Measurement Bandwidth [kHz]	Limit [dBm]	Margin [dB]	Sweep points	Sweep time [s]	Detector
763.0 - 775.0	773.08	-56.73	6.25	-35	-21.73	9601	4.7	RMS
763.0 - 776.9	776.9	-24.05	100.0	-13	-11.05	701	1.0	RMS
776.9 - 777.0	777.0	-13.64	30.0	-13	-0.64	701	1.0	RMS

Band edge compliance

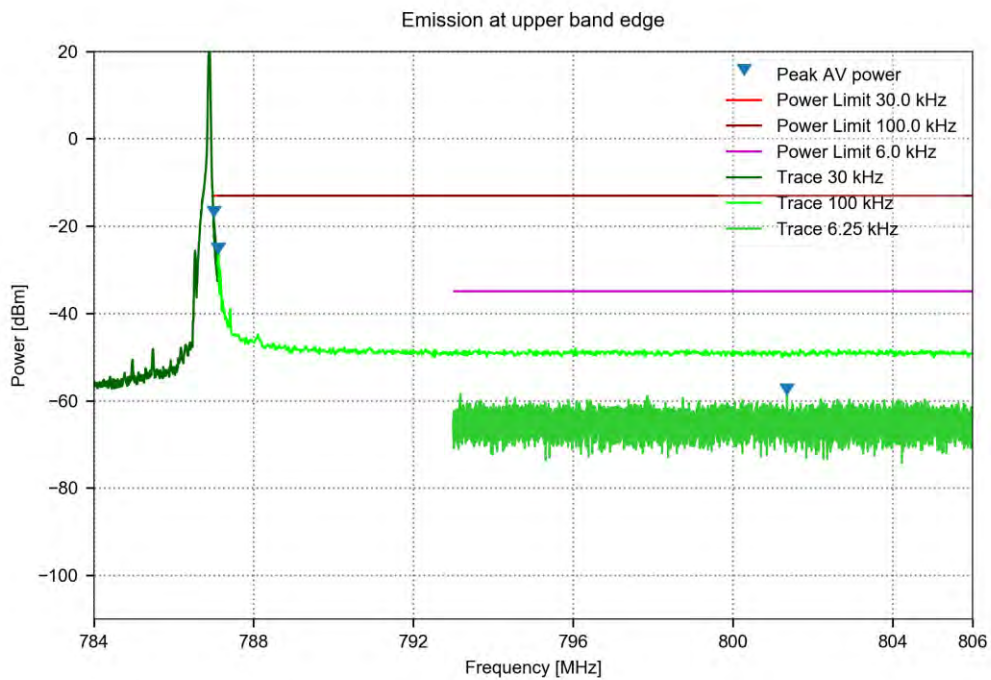
Project Number: G0M-2304-2019
 Applicant: Vaisala Oyj
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Reference Standards: ISED RSS-130, Issue 2
 Reference Method: ANSI C63.26:2015, Section 5.7
 Operator: Florian Voigt
 Test Date: 2023-06-16
 Test Site: Eurofins Product Service GmbH
 Band, Channel, Modulation: FDD13, 23182, $\pi/4$ - QPSK
 Emission bandwidth: 180.0 kHz
 Tone configuration: 12 Tones, Offset=0
 Min. out of band margin: -4.65 dB, 776.999 MHz
 Verdict: PASS



Frequency Range [MHz]	Highest Emission Frequency [MHz]	Highest Emission [dBm]	Measurement Bandwidth [kHz]	Limit [dBm]	Margin [dB]	Sweep points	Sweep time [s]	Detector
763.0 - 775.0	773.16	-57.3	6.25	-35	-22.3	9601	4.7	RMS
763.0 - 776.9	776.9	-24.58	100.0	-13	-11.58	701	1.0	RMS
776.9 - 777.0	777.0	-17.65	30.0	-13	-4.65	701	1.0	RMS

Band edge compliance

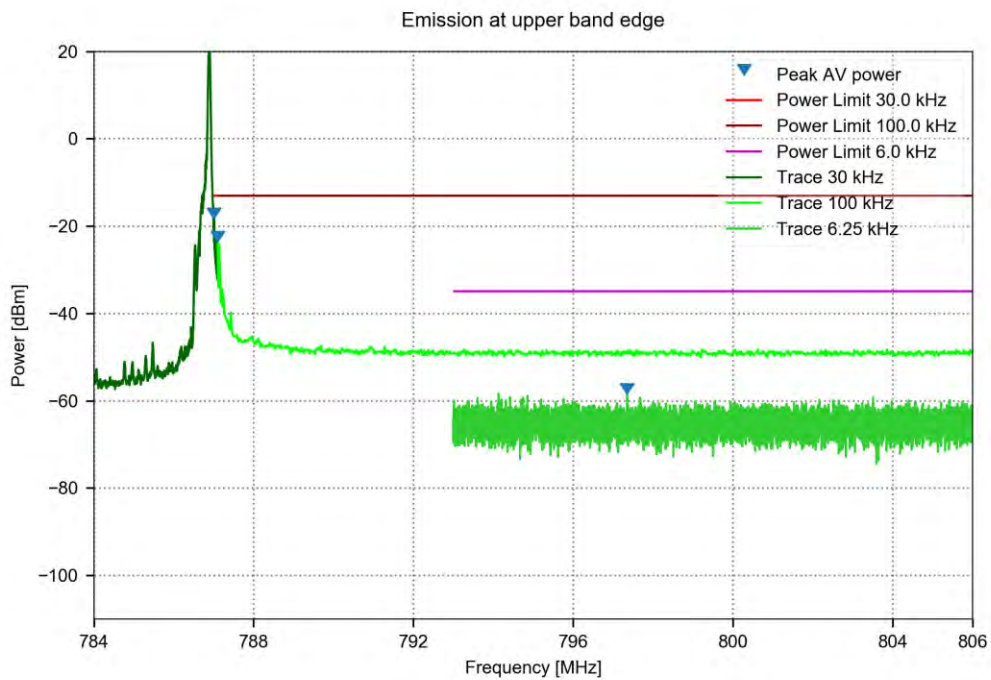
Project Number: G0M-2304-2019
 Applicant: Vaisala Oyj
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Reference Standards: ISED RSS-130, Issue 2
 Reference Method: ANSI C63.26:2015, Section 5.7
 Operator: Florian Voigt
 Test Date: 2023-06-16
 Test Site: Eurofins Product Service GmbH
 Band, Channel, Modulation: FDD13, 23278, $\pi/2$ - BPSK
 Emission bandwidth: 3.75 kHz
 Tone configuration: 1 Tones, Offset=47
 Min. out of band margin: -4.79 dB, 787.001 MHz
 Verdict: PASS



Frequency Range [MHz]	Highest Emission Frequency [MHz]	Highest Emission [dBm]	Measurement Bandwidth [kHz]	Limit [dBm]	Margin [dB]	Sweep points	Sweep time [s]	Detector
787.0 - 787.1	787.0	-17.79	30.0	-13	-4.79	501	1.0	RMS
787.1 - 806.0	787.12	-26.17	100.0	-13	-13.17	901	1.0	RMS
793.0 - 806.0	801.35	-58.43	6.25	-35	-23.43	10401	5.0	RMS

Band edge compliance

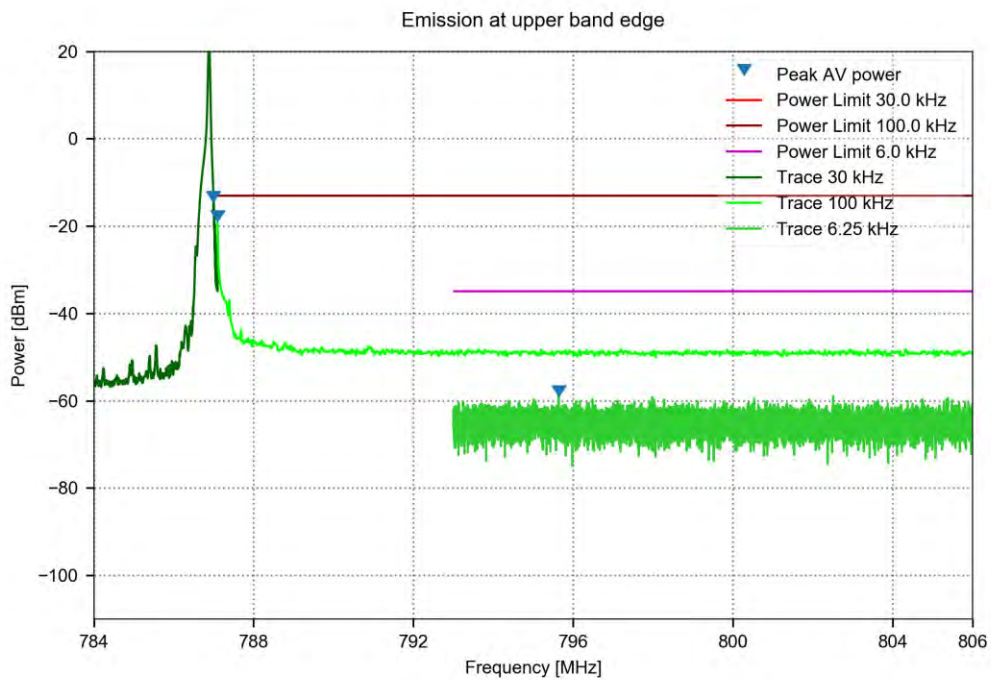
Project Number: G0M-2304-2019
 Applicant: Vaisala Oyj
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Reference Standards: ISED RSS-130, Issue 2
 Reference Method: ANSI C63.26:2015, Section 5.7
 Operator: Florian Voigt
 Test Date: 2023-06-16
 Test Site: Eurofins Product Service GmbH
 Band, Channel, Modulation: FDD13, 23278, $\pi/4$ - QPSK
 Emission bandwidth: 3.75 kHz
 Tone configuration: 1 Tones, Offset=47
 Min. out of band margin: -5.06 dB, 787.002 MHz
 Verdict: PASS



Frequency Range [MHz]	Highest Emission Frequency [MHz]	Highest Emission [dBm]	Measurement Bandwidth [kHz]	Limit [dBm]	Margin [dB]	Sweep points	Sweep time [s]	Detector
787.0 - 787.1	787.0	-18.06	30.0	-13	-5.06	501	1.0	RMS
787.1 - 806.0	787.1	-23.42	100.0	-13	-10.42	901	1.0	RMS
793.0 - 806.0	797.35	-58.34	6.25	-35	-23.34	10401	5.0	RMS

Band edge compliance

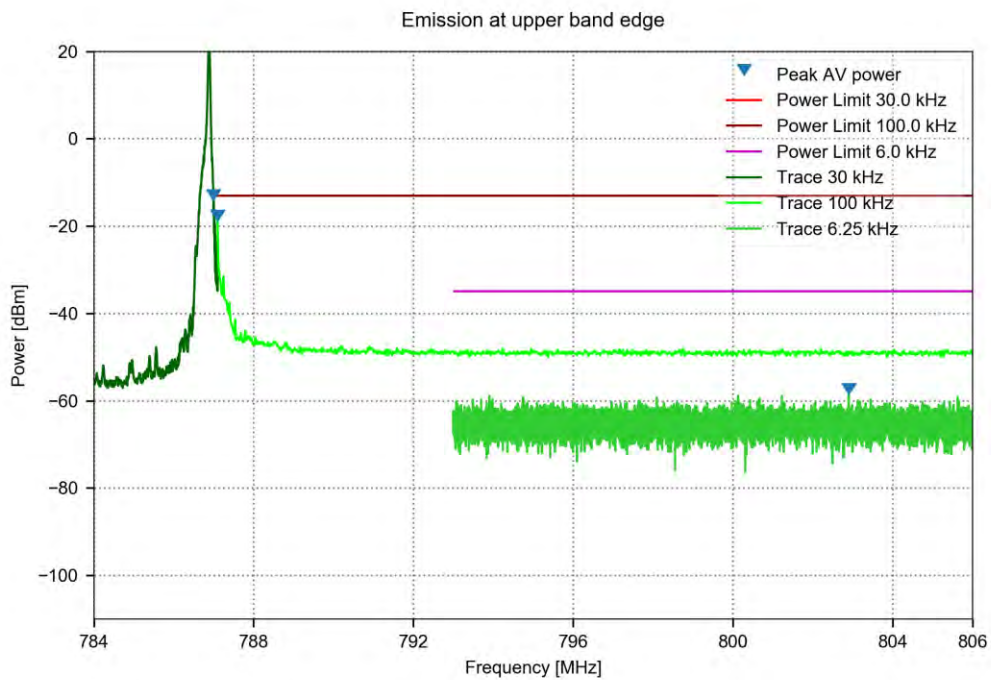
Project Number: G0M-2304-2019
 Applicant: Vaisala Oyj
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Reference Standards: ISED RSS-130, Issue 2
 Reference Method: ANSI C63.26:2015, Section 5.7
 Operator: Florian Voigt
 Test Date: 2023-06-16
 Test Site: Eurofins Product Service GmbH
 Band, Channel, Modulation: FDD13, 23278, $\pi/2$ - BPSK
 Emission bandwidth: 15.0 kHz
 Tone configuration: 1 Tones, Offset=11
 Min. out of band margin: -1.27 dB, 787.001 MHz
 Verdict: PASS



Frequency Range [MHz]	Highest Emission Frequency [MHz]	Highest Emission [dBm]	Measurement Bandwidth [kHz]	Limit [dBm]	Margin [dB]	Sweep points	Sweep time [s]	Detector
787.0 - 787.1	787.0	-14.27	30.0	-13	-1.27	501	1.0	RMS
787.1 - 806.0	787.1	-18.8	100.0	-13	-5.8	901	1.0	RMS
793.0 - 806.0	795.64	-58.78	6.25	-35	-23.78	10401	5.0	RMS

Band edge compliance

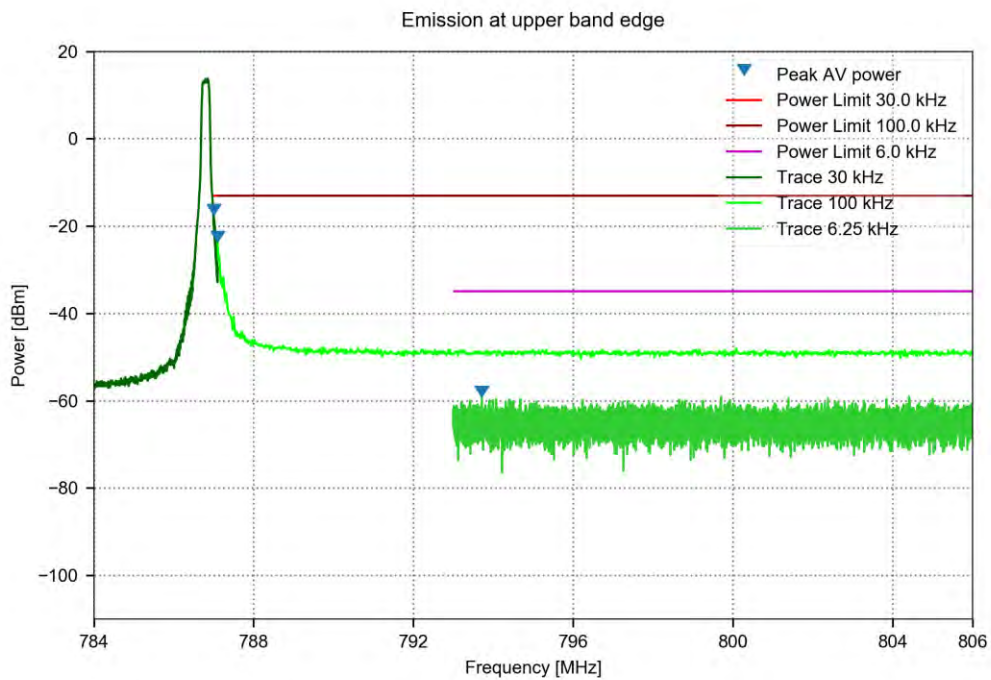
Project Number: G0M-2304-2019
 Applicant: Vaisala Oyj
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Reference Standards: ISED RSS-130, Issue 2
 Reference Method: ANSI C63.26:2015, Section 5.7
 Operator: Florian Voigt
 Test Date: 2023-06-16
 Test Site: Eurofins Product Service GmbH
 Band, Channel, Modulation: FDD13, 23278, $\pi/4$ - QPSK
 Emission bandwidth: 15.0 kHz
 Tone configuration: 1 Tones, Offset=11
 Min. out of band margin: -0.88 dB, 787.0 MHz
 Verdict: PASS



Frequency Range [MHz]	Highest Emission Frequency [MHz]	Highest Emission [dBm]	Measurement Bandwidth [kHz]	Limit [dBm]	Margin [dB]	Sweep points	Sweep time [s]	Detector
787.0 - 787.1	787.0	-13.88	30.0	-13	-0.88	501	1.0	RMS
787.1 - 806.0	787.1	-18.63	100.0	-13	-5.63	901	1.0	RMS
793.0 - 806.0	802.9	-58.28	6.25	-35	-23.28	10401	5.0	RMS

Band edge compliance

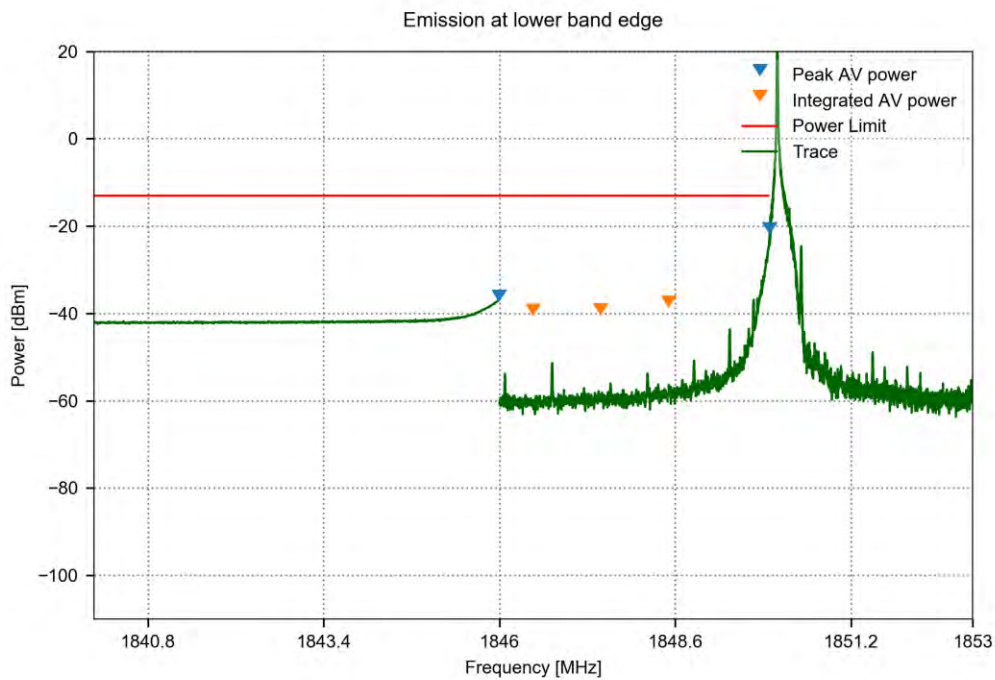
Project Number: G0M-2304-2019
 Applicant: Vaisala Oyj
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Reference Standards: ISED RSS-130, Issue 2
 Reference Method: ANSI C63.26:2015, Section 5.7
 Operator: Florian Voigt
 Test Date: 2023-06-16
 Test Site: Eurofins Product Service GmbH
 Band, Channel, Modulation: FDD13, 23278, $\pi/4$ - QPSK
 Emission bandwidth: 180.0 kHz
 Tone configuration: 12 Tones, Offset=0
 Min. out of band margin: -4.25 dB, 787.001 MHz
 Verdict: PASS



Frequency Range [MHz]	Highest Emission Frequency [MHz]	Highest Emission [dBm]	Measurement Bandwidth [kHz]	Limit [dBm]	Margin [dB]	Sweep points	Sweep time [s]	Detector
787.0 - 787.1	787.0	-17.25	30.0	-13	-4.25	501	1.0	RMS
787.1 - 806.0	787.1	-23.5	100.0	-13	-10.5	901	1.0	RMS
793.0 - 806.0	793.71	-58.97	6.25	-35	-23.97	10401	5.0	RMS

Band edge compliance

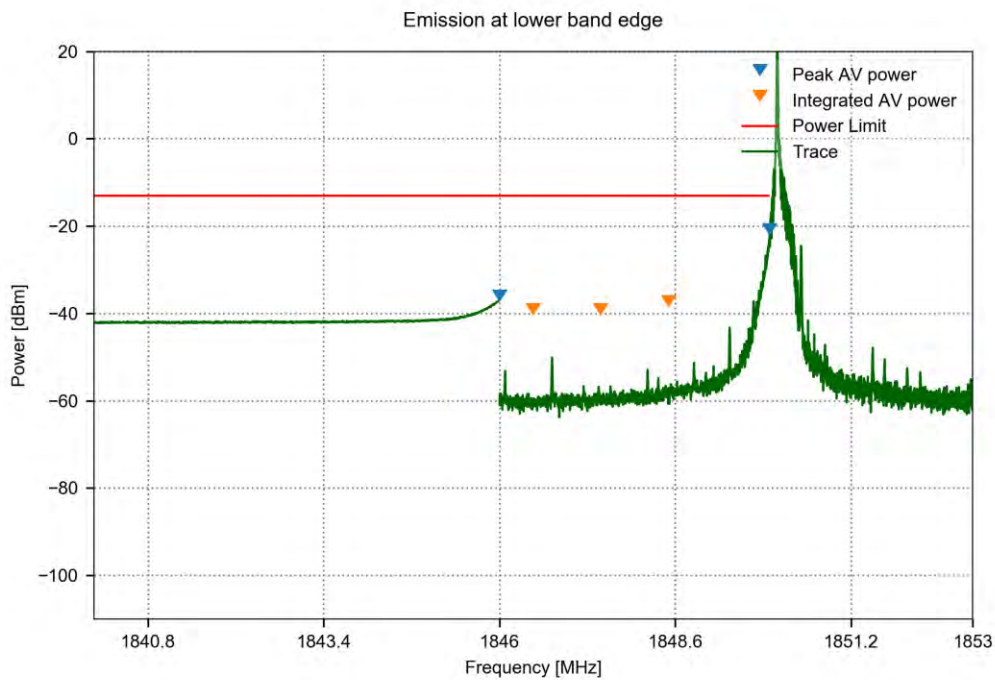
Project Number: G0M-2304-2019
 Applicant: Vaisala Oyj
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Reference Standards: ISED RSS-133, Issue 6 Amendment 1
 Reference Method: ANSI C63.26:2015, Section 5.7
 Operator: Florian Voigt
 Test Date: 2023-06-16
 Test Site: Eurofins Product Service GmbH
 Band, Channel, Modulation: FDD25, 26042, $\pi/2$ - BPSK
 Emission bandwidth: 3.75 kHz
 Tone configuration: 1 Tones, Offset=0
 Min. out of band margin: -8.5 dB, 1850.0 MHz
 Verdict: PASS



Frequency Range [MHz]	Highest Emission Frequency [MHz]	Highest Emission [dBm]	Measurement Bandwidth [kHz]	Limit [dBm]	Margin [dB]	Sweep points	Sweep time [s]	Detector
1840.0 - 1846.0	1845.99	-36.93	1000.0	-13	-23.93	1001	1.0	RMS
1846.0 - 1847.0	1846.5	-40.08	10.0	-13	-27.08	501	1.0	RMS, Integrated
1847.0 - 1848.0	1847.5	-40.02	10.0	-13	-27.02	501	1.0	RMS, Integrated
1848.0 - 1849.0	1848.5	-38.31	10.0	-13	-25.31	501	1.0	RMS, Integrated
1849.0 - 1850.0	1850.0	-21.5	10.0	-13	-8.5	501	1.0	RMS

Band edge compliance

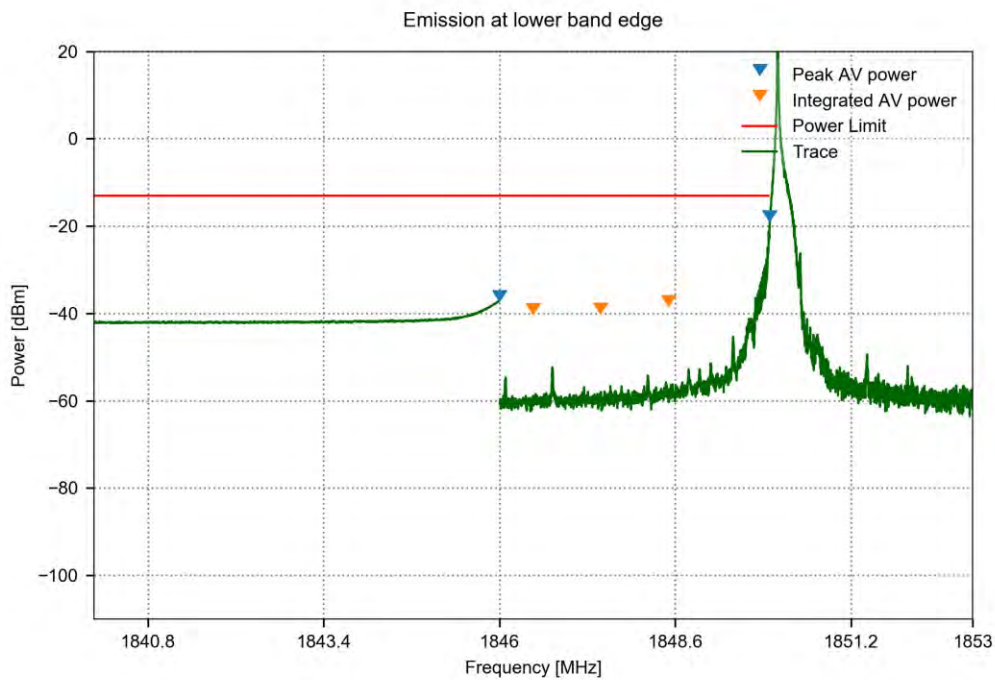
Project Number: G0M-2304-2019
 Applicant: Vaisala Oyj
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Reference Standards: ISED RSS-133, Issue 6 Amendment 1
 Reference Method: ANSI C63.26:2015, Section 5.7
 Operator: Florian Voigt
 Test Date: 2023-06-16
 Test Site: Eurofins Product Service GmbH
 Band, Channel, Modulation: FDD25, 26042, $\pi/4$ - QPSK
 Emission bandwidth: 3.75 kHz
 Tone configuration: 1 Tones, Offset=0
 Min. out of band margin: -8.65 dB, 1849.998 MHz
 Verdict: PASS



Frequency Range [MHz]	Highest Emission Frequency [MHz]	Highest Emission [dBm]	Measurement Bandwidth [kHz]	Limit [dBm]	Margin [dB]	Sweep points	Sweep time [s]	Detector
1840.0 - 1846.0	1846.0	-36.97	1000.0	-13	-23.97	1001	1.0	RMS
1846.0 - 1847.0	1846.5	-40.04	10.0	-13	-27.04	501	1.0	RMS, Integrated
1847.0 - 1848.0	1847.5	-40.02	10.0	-13	-27.02	501	1.0	RMS, Integrated
1848.0 - 1849.0	1848.5	-38.22	10.0	-13	-25.22	501	1.0	RMS, Integrated
1849.0 - 1850.0	1850.0	-21.65	10.0	-13	-8.65	501	1.0	RMS

Band edge compliance

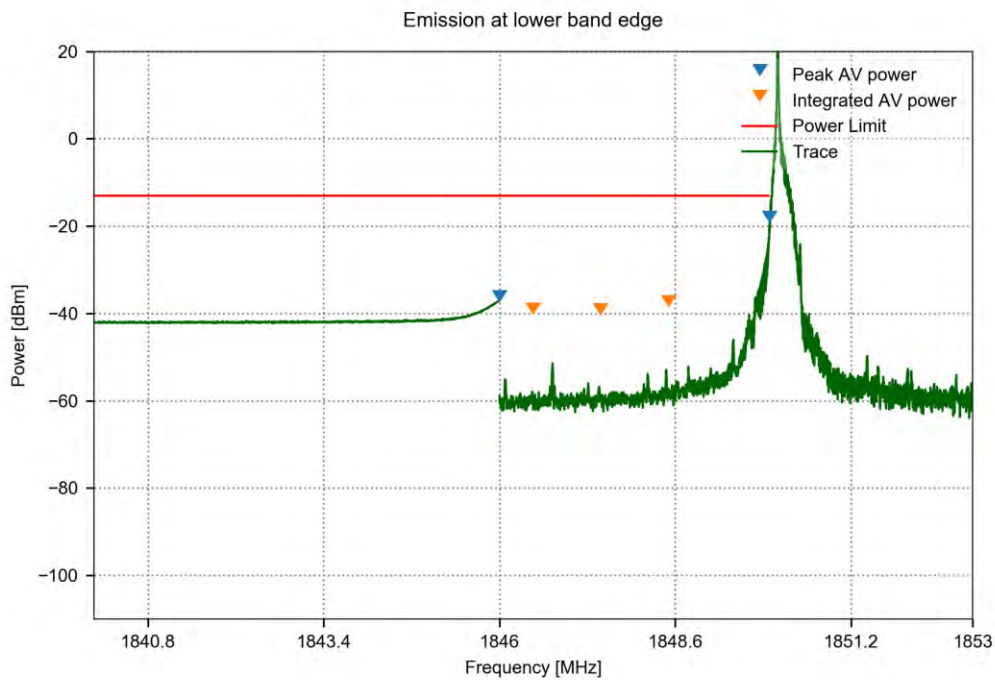
Project Number: G0M-2304-2019
 Applicant: Vaisala Oyj
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Reference Standards: ISED RSS-133, Issue 6 Amendment 1
 Reference Method: ANSI C63.26:2015, Section 5.7
 Operator: Florian Voigt
 Test Date: 2023-06-16
 Test Site: Eurofins Product Service GmbH
 Band, Channel, Modulation: FDD25, 26042, $\pi/2$ - BPSK
 Emission bandwidth: 15.0 kHz
 Tone configuration: 1 Tones, Offset=0
 Min. out of band margin: -5.76 dB, 1850.0 MHz
 Verdict: PASS



Frequency Range [MHz]	Highest Emission Frequency [MHz]	Highest Emission [dBm]	Measurement Bandwidth [kHz]	Limit [dBm]	Margin [dB]	Sweep points	Sweep time [s]	Detector
1840.0 - 1846.0	1846.0	-37.06	1000.0	-13	-24.06	1001	1.0	RMS
1846.0 - 1847.0	1846.5	-39.99	10.0	-13	-26.99	501	1.0	RMS, Integrated
1847.0 - 1848.0	1847.5	-39.95	10.0	-13	-26.95	501	1.0	RMS, Integrated
1848.0 - 1849.0	1848.5	-38.14	10.0	-13	-25.14	501	1.0	RMS, Integrated
1849.0 - 1850.0	1850.0	-18.76	10.0	-13	-5.76	501	1.0	RMS

Band edge compliance

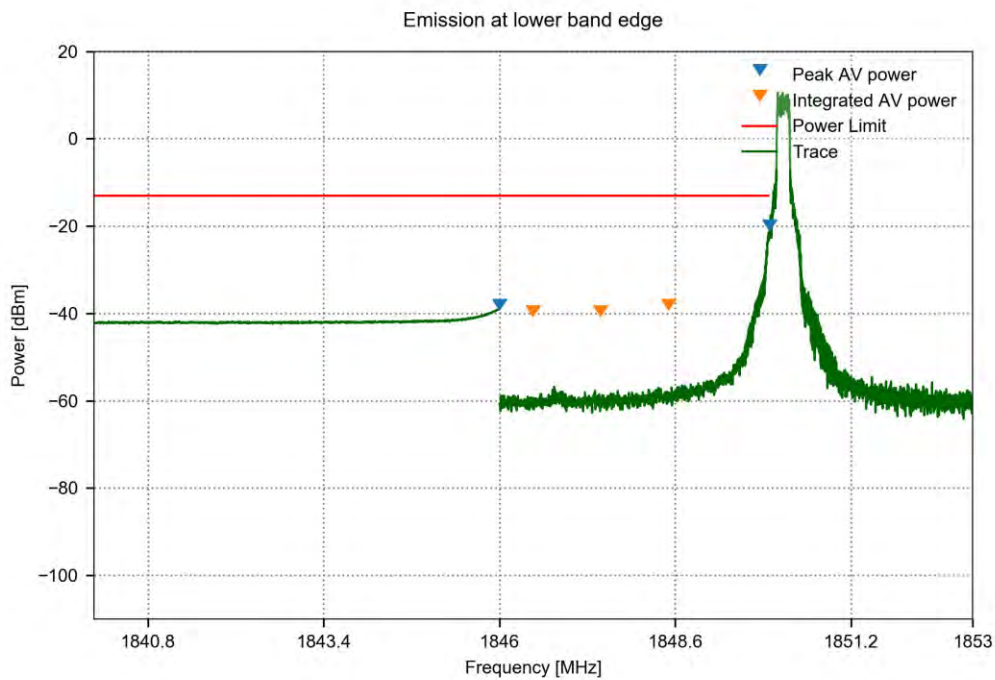
Project Number: G0M-2304-2019
 Applicant: Vaisala Oyj
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Reference Standards: ISED RSS-133, Issue 6 Amendment 1
 Reference Method: ANSI C63.26:2015, Section 5.7
 Operator: Florian Voigt
 Test Date: 2023-06-16
 Test Site: Eurofins Product Service GmbH
 Band, Channel, Modulation: FDD25, 26042, $\pi/4$ - QPSK
 Emission bandwidth: 15.0 kHz
 Tone configuration: 1 Tones, Offset=0
 Min. out of band margin: -5.84 dB, 1850.0 MHz
 Verdict: PASS



Frequency Range [MHz]	Highest Emission Frequency [MHz]	Highest Emission [dBm]	Measurement Bandwidth [kHz]	Limit [dBm]	Margin [dB]	Sweep points	Sweep time [s]	Detector
1840.0 - 1846.0	1846.0	-36.99	1000.0	-13	-23.99	1001	1.0	RMS
1846.0 - 1847.0	1846.5	-39.95	10.0	-13	-26.95	501	1.0	RMS, Integrated
1847.0 - 1848.0	1847.5	-39.99	10.0	-13	-26.99	501	1.0	RMS, Integrated
1848.0 - 1849.0	1848.5	-38.19	10.0	-13	-25.19	501	1.0	RMS, Integrated
1849.0 - 1850.0	1850.0	-18.84	10.0	-13	-5.84	501	1.0	RMS

Band edge compliance

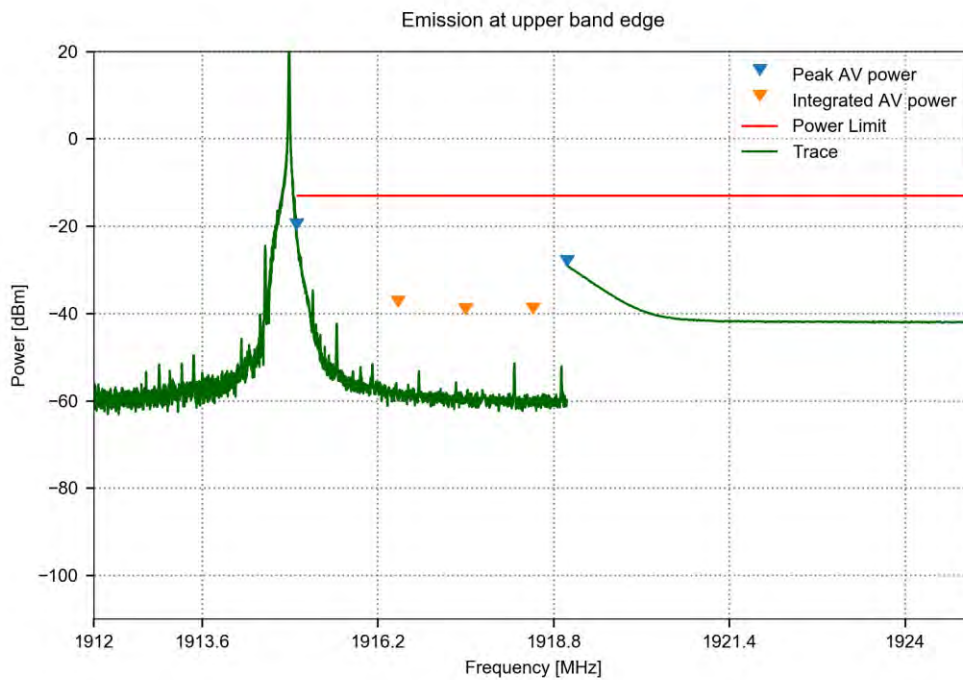
Project Number: G0M-2304-2019
 Applicant: Vaisala Oyj
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Reference Standards: ISED RSS-133, Issue 6 Amendment 1
 Reference Method: ANSI C63.26:2015, Section 5.7
 Operator: Florian Voigt
 Test Date: 2023-06-16
 Test Site: Eurofins Product Service GmbH
 Band, Channel, Modulation: FDD25, 26042, $\pi/4$ - QPSK
 Emission bandwidth: 180.0 kHz
 Tone configuration: 12 Tones, Offset=0
 Min. out of band margin: -7.85 dB, 1850.0 MHz
 Verdict: PASS



Frequency Range [MHz]	Highest Emission Frequency [MHz]	Highest Emission [dBm]	Measurement Bandwidth [kHz]	Limit [dBm]	Margin [dB]	Sweep points	Sweep time [s]	Detector
1840.0 - 1846.0	1846.0	-38.98	1000.0	-13	-25.98	1001	1.0	RMS
1846.0 - 1847.0	1846.5	-40.51	10.0	-13	-27.51	501	1.0	RMS, Integrated
1847.0 - 1848.0	1847.5	-40.46	10.0	-13	-27.46	501	1.0	RMS, Integrated
1848.0 - 1849.0	1848.5	-39.07	10.0	-13	-26.07	501	1.0	RMS, Integrated
1849.0 - 1850.0	1850.0	-20.85	10.0	-13	-7.85	501	1.0	RMS

Band edge compliance

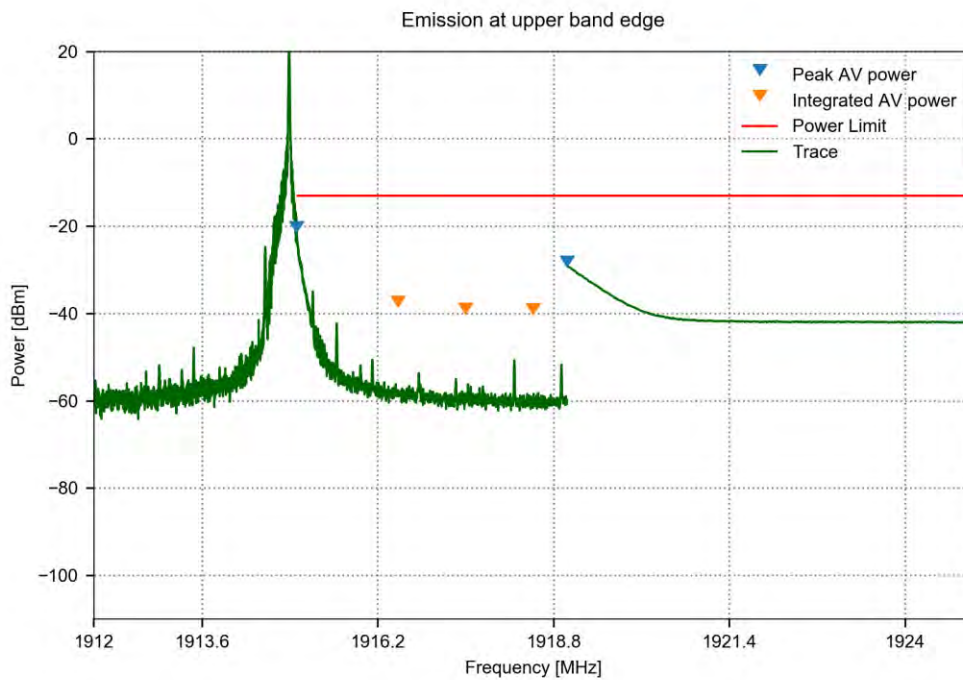
Project Number: G0M-2304-2019
 Applicant: Vaisala Oyj
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Reference Standards: ISED RSS-133, Issue 6 Amendment 1
 Reference Method: ANSI C63.26:2015, Section 5.7
 Operator: Florian Voigt
 Test Date: 2023-06-16
 Test Site: Eurofins Product Service GmbH
 Band, Channel, Modulation: FDD25, 26688, $\pi/2$ - BPSK
 Emission bandwidth: 3.75 kHz
 Tone configuration: 1 Tones, Offset=47
 Min. out of band margin: -7.65 dB, 1915.0 MHz
 Verdict: PASS



Frequency Range [MHz]	Highest Emission Frequency [MHz]	Highest Emission [dBm]	Measurement Bandwidth [kHz]	Limit [dBm]	Margin [dB]	Sweep points	Sweep time [s]	Detector
1915.0 - 1916.0	1915.0	-20.65	10.0	-13	-7.65	501	1.0	RMS
1916.0 - 1917.0	1916.5	-38.23	10.0	-13	-25.23	501	1.0	RMS, Integrated
1917.0 - 1918.0	1917.5	-40.0	10.0	-13	-27.0	501	1.0	RMS, Integrated
1918.0 - 1919.0	1918.5	-39.95	10.0	-13	-26.95	501	1.0	RMS, Integrated
1919.0 - 1925.0	1919.0	-28.99	1000.0	-13	-15.99	501	1.0	RMS

Band edge compliance

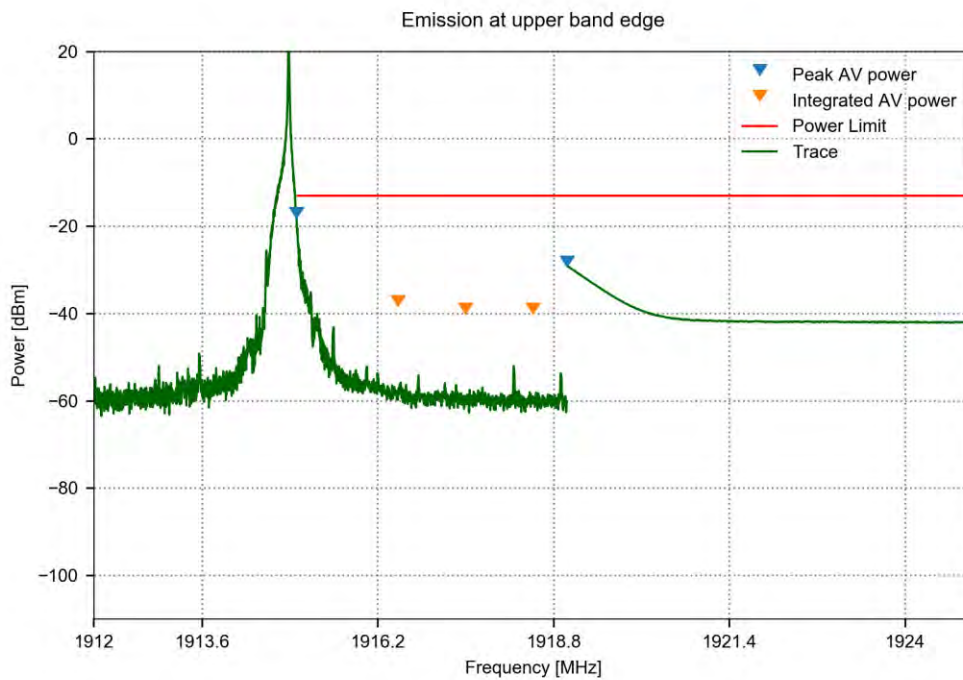
Project Number: G0M-2304-2019
 Applicant: Vaisala Oyj
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Reference Standards: ISED RSS-133, Issue 6 Amendment 1
 Reference Method: ANSI C63.26:2015, Section 5.7
 Operator: Florian Voigt
 Test Date: 2023-06-16
 Test Site: Eurofins Product Service GmbH
 Band, Channel, Modulation: FDD25, 26688, $\pi/4$ - QPSK
 Emission bandwidth: 3.75 kHz
 Tone configuration: 1 Tones, Offset=47
 Min. out of band margin: -8.25 dB, 1915.002 MHz
 Verdict: PASS



Frequency Range [MHz]	Highest Emission Frequency [MHz]	Highest Emission [dBm]	Measurement Bandwidth [kHz]	Limit [dBm]	Margin [dB]	Sweep points	Sweep time [s]	Detector
1915.0 - 1916.0	1915.0	-21.25	10.0	-13	-8.25	501	1.0	RMS
1916.0 - 1917.0	1916.5	-38.23	10.0	-13	-25.23	501	1.0	RMS, Integrated
1917.0 - 1918.0	1917.5	-39.88	10.0	-13	-26.88	501	1.0	RMS, Integrated
1918.0 - 1919.0	1918.5	-39.95	10.0	-13	-26.95	501	1.0	RMS, Integrated
1919.0 - 1925.0	1919.0	-29.09	1000.0	-13	-16.09	501	1.0	RMS

Band edge compliance

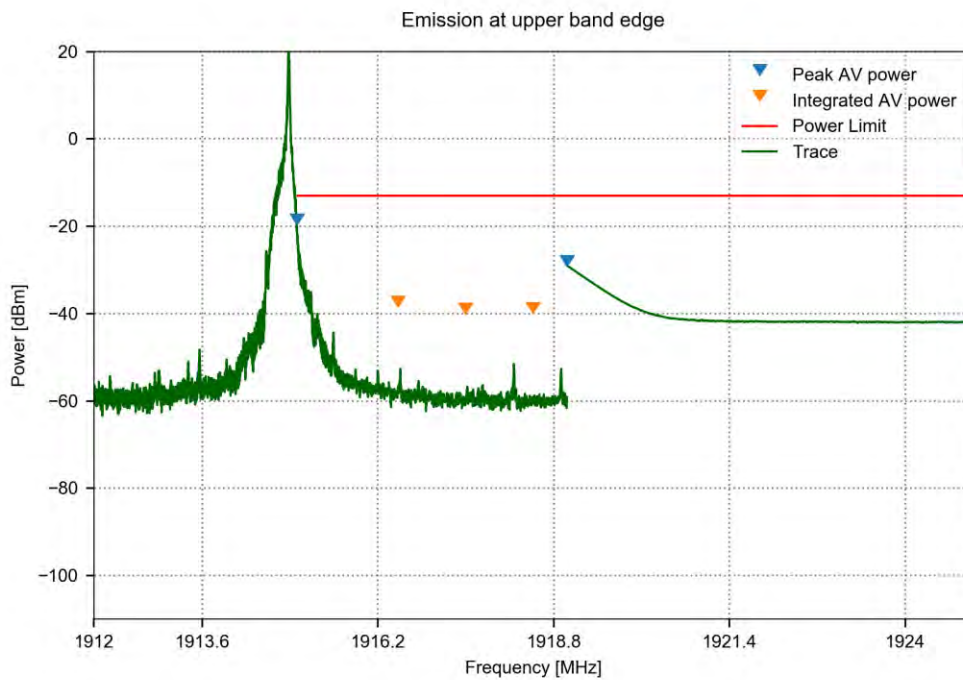
Project Number: G0M-2304-2019
 Applicant: Vaisala Oyj
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Reference Standards: ISED RSS-133, Issue 6 Amendment 1
 Reference Method: ANSI C63.26:2015, Section 5.7
 Operator: Florian Voigt
 Test Date: 2023-06-16
 Test Site: Eurofins Product Service GmbH
 Band, Channel, Modulation: FDD25, 26688, $\pi/2$ - BPSK
 Emission bandwidth: 15.0 kHz
 Tone configuration: 1 Tones, Offset=11
 Min. out of band margin: -5.0 dB, 1915.0 MHz
 Verdict: PASS



Frequency Range [MHz]	Highest Emission Frequency [MHz]	Highest Emission [dBm]	Measurement Bandwidth [kHz]	Limit [dBm]	Margin [dB]	Sweep points	Sweep time [s]	Detector
1915.0 - 1916.0	1915.0	-18.0	10.0	-13	-5.0	501	1.0	RMS
1916.0 - 1917.0	1916.5	-38.15	10.0	-13	-25.15	501	1.0	RMS, Integrated
1917.0 - 1918.0	1917.5	-39.9	10.0	-13	-26.9	501	1.0	RMS, Integrated
1918.0 - 1919.0	1918.5	-39.84	10.0	-13	-26.84	501	1.0	RMS, Integrated
1919.0 - 1925.0	1919.0	-29.08	1000.0	-13	-16.08	501	1.0	RMS

Band edge compliance

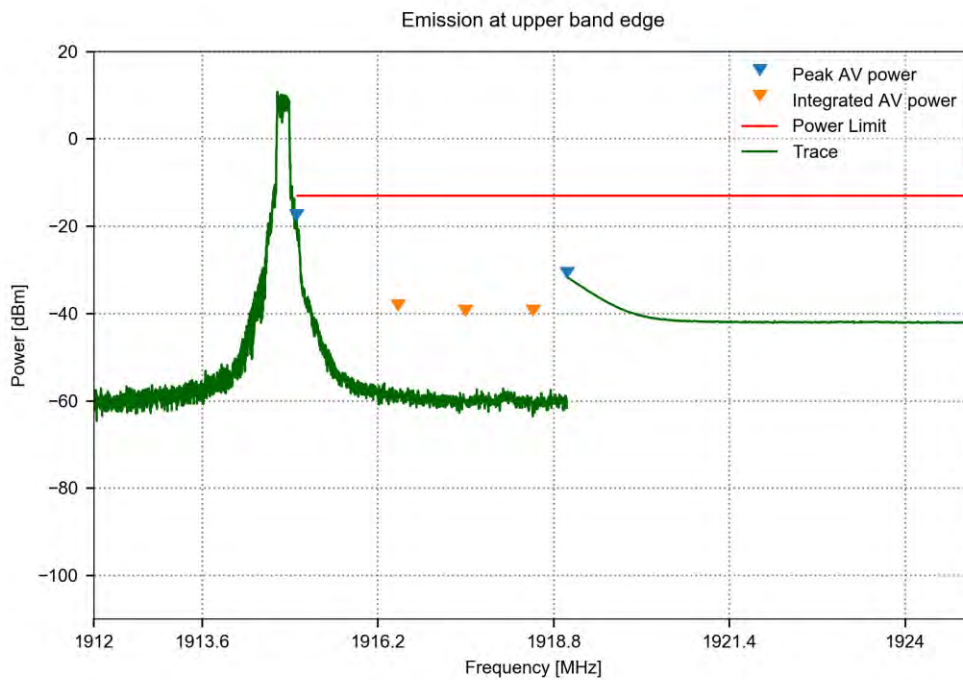
Project Number: G0M-2304-2019
 Applicant: Vaisala Oyj
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Reference Standards: ISED RSS-133, Issue 6 Amendment 1
 Reference Method: ANSI C63.26:2015, Section 5.7
 Operator: Florian Voigt
 Test Date: 2023-06-16
 Test Site: Eurofins Product Service GmbH
 Band, Channel, Modulation: FDD25, 26688, $\pi/4$ - QPSK
 Emission bandwidth: 15.0 kHz
 Tone configuration: 1 Tones, Offset=11
 Min. out of band margin: -6.51 dB, 1915.004 MHz
 Verdict: PASS



Frequency Range [MHz]	Highest Emission Frequency [MHz]	Highest Emission [dBm]	Measurement Bandwidth [kHz]	Limit [dBm]	Margin [dB]	Sweep points	Sweep time [s]	Detector
1915.0 - 1916.0	1915.0	-19.51	10.0	-13	-6.51	501	1.0	RMS
1916.0 - 1917.0	1916.5	-38.23	10.0	-13	-25.23	501	1.0	RMS, Integrated
1917.0 - 1918.0	1917.5	-39.93	10.0	-13	-26.93	501	1.0	RMS, Integrated
1918.0 - 1919.0	1918.5	-39.78	10.0	-13	-26.78	501	1.0	RMS, Integrated
1919.0 - 1925.0	1919.0	-28.98	1000.0	-13	-15.98	501	1.0	RMS

Band edge compliance

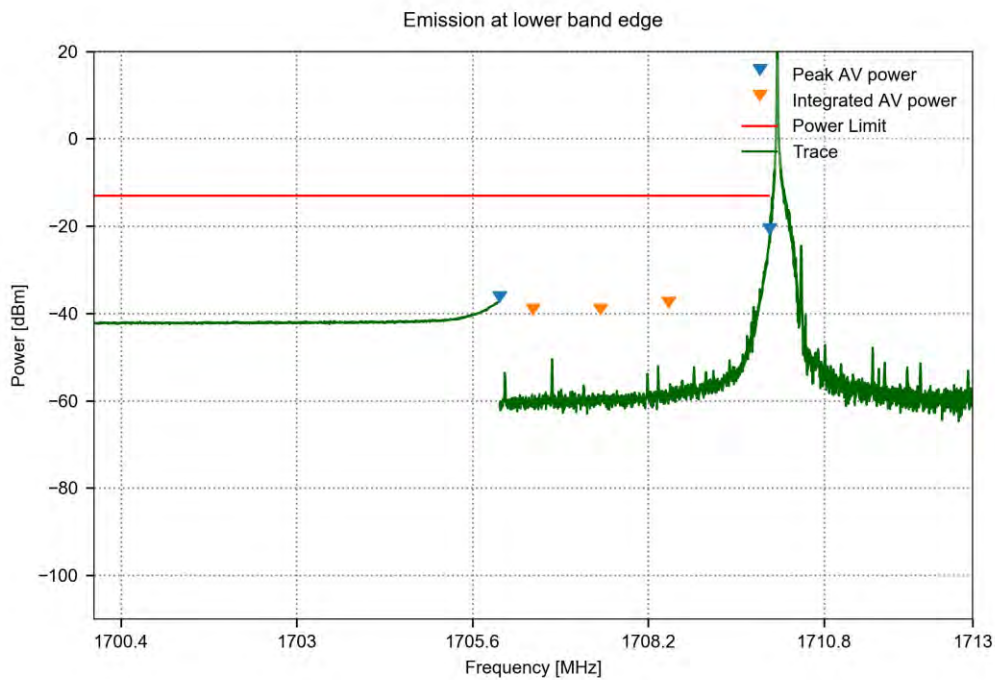
Project Number: G0M-2304-2019
 Applicant: Vaisala Oyj
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Reference Standards: ISED RSS-133, Issue 6 Amendment 1
 Reference Method: ANSI C63.26:2015, Section 5.7
 Operator: Florian Voigt
 Test Date: 2023-06-16
 Test Site: Eurofins Product Service GmbH
 Band, Channel, Modulation: FDD25, 26688, $\pi/4$ - QPSK
 Emission bandwidth: 180.0 kHz
 Tone configuration: 12 Tones, Offset=0
 Min. out of band margin: -5.52 dB, 1915.002 MHz
 Verdict: PASS



Frequency Range [MHz]	Highest Emission Frequency [MHz]	Highest Emission [dBm]	Measurement Bandwidth [kHz]	Limit [dBm]	Margin [dB]	Sweep points	Sweep time [s]	Detector
1915.0 - 1916.0	1915.0	-18.52	10.0	-13	-5.52	501	1.0	RMS
1916.0 - 1917.0	1916.5	-39.12	10.0	-13	-26.12	501	1.0	RMS, Integrated
1917.0 - 1918.0	1917.5	-40.43	10.0	-13	-27.43	501	1.0	RMS, Integrated
1918.0 - 1919.0	1918.5	-40.34	10.0	-13	-27.34	501	1.0	RMS, Integrated
1919.0 - 1925.0	1919.0	-31.67	1000.0	-13	-18.67	501	1.0	RMS

Band edge compliance

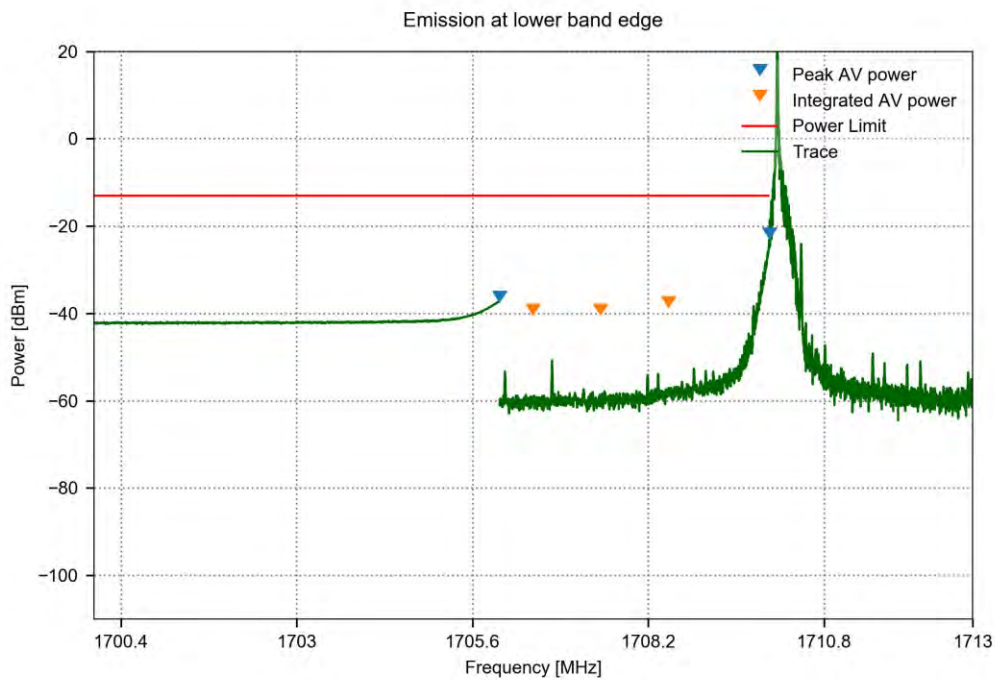
Project Number: G0M-2304-2019
 Applicant: Vaisala Oyj
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Reference Standards: ISED RSS-139, Issue 4 Amendment 1
 Reference Method: ANSI C63.26:2015, Section 5.7
 Operator: Florian Voigt
 Test Date: 2023-06-16
 Test Site: Eurofins Product Service GmbH
 Band, Channel, Modulation: FDD66, 131974, $\pi/2$ - BPSK
 Emission bandwidth: 3.75 kHz
 Tone configuration: 1 Tones, Offset=0
 Min. out of band margin: -8.76 dB, 1710.0 MHz
 Verdict: PASS



Frequency Range [MHz]	Highest Emission Frequency [MHz]	Highest Emission [dBm]	Measurement Bandwidth [kHz]	Limit [dBm]	Margin [dB]	Sweep points	Sweep time [s]	Detector
1700.0 - 1706.0	1706.0	-37.23	1000.0	-13	-24.23	1001	1.0	RMS
1706.0 - 1707.0	1706.5	-40.09	10.0	-13	-27.09	501	1.0	RMS, Integrated
1707.0 - 1708.0	1707.5	-40.18	10.0	-13	-27.18	501	1.0	RMS, Integrated
1708.0 - 1709.0	1708.5	-38.56	10.0	-13	-25.56	501	1.0	RMS, Integrated
1709.0 - 1710.0	1710.0	-21.76	10.0	-13	-8.76	501	1.0	RMS

Band edge compliance

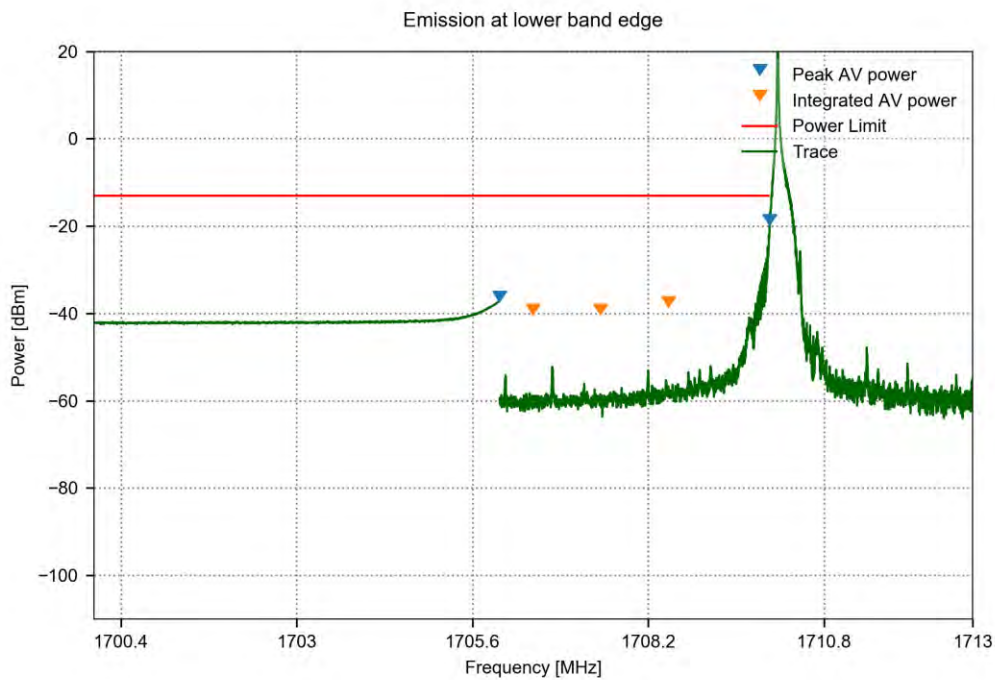
Project Number: G0M-2304-2019
 Applicant: Vaisala Oyj
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Reference Standards: ISED RSS-139, Issue 4 Amendment 1
 Reference Method: ANSI C63.26:2015, Section 5.7
 Operator: Florian Voigt
 Test Date: 2023-06-16
 Test Site: Eurofins Product Service GmbH
 Band, Channel, Modulation: FDD66, 131974, $\pi/4$ - QPSK
 Emission bandwidth: 3.75 kHz
 Tone configuration: 1 Tones, Offset=0
 Min. out of band margin: -9.66 dB, 1709.998 MHz
 Verdict: PASS



Frequency Range [MHz]	Highest Emission Frequency [MHz]	Highest Emission [dBm]	Measurement Bandwidth [kHz]	Limit [dBm]	Margin [dB]	Sweep points	Sweep time [s]	Detector
1700.0 - 1706.0	1706.0	-37.15	1000.0	-13	-24.15	1001	1.0	RMS
1706.0 - 1707.0	1706.5	-40.12	10.0	-13	-27.12	501	1.0	RMS, Integrated
1707.0 - 1708.0	1707.5	-40.19	10.0	-13	-27.19	501	1.0	RMS, Integrated
1708.0 - 1709.0	1708.5	-38.45	10.0	-13	-25.45	501	1.0	RMS, Integrated
1709.0 - 1710.0	1710.0	-22.66	10.0	-13	-9.66	501	1.0	RMS

Band edge compliance

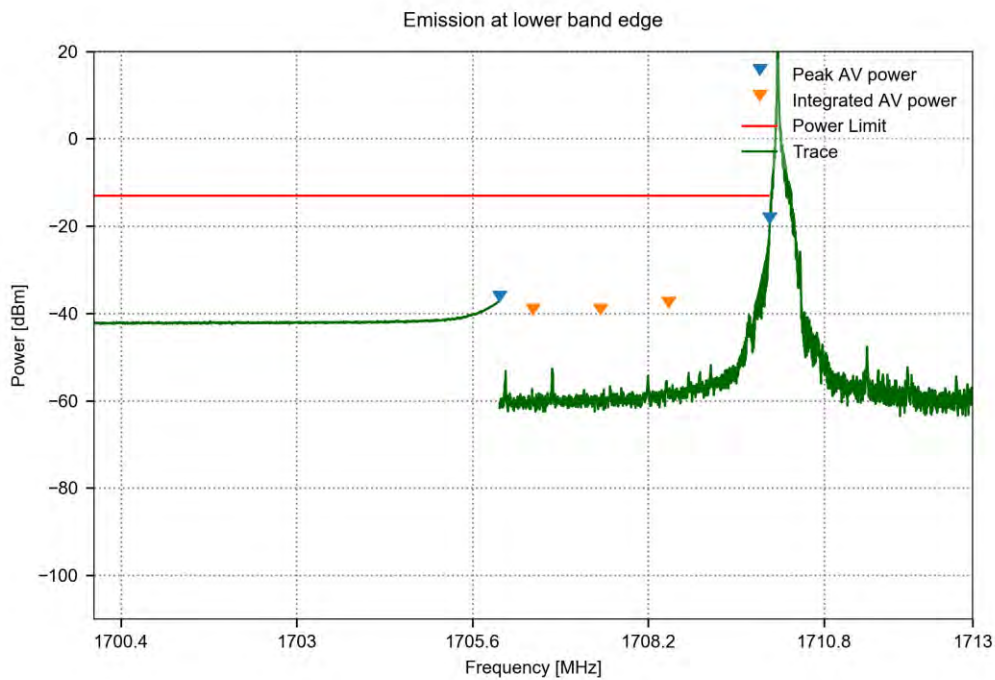
Project Number: G0M-2304-2019
 Applicant: Vaisala Oyj
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Reference Standards: ISED RSS-139, Issue 4 Amendment 1
 Reference Method: ANSI C63.26:2015, Section 5.7
 Operator: Florian Voigt
 Test Date: 2023-06-16
 Test Site: Eurofins Product Service GmbH
 Band, Channel, Modulation: FDD66, 131974, $\pi/2$ - BPSK
 Emission bandwidth: 15.0 kHz
 Tone configuration: 1 Tones, Offset=0
 Min. out of band margin: -6.61 dB, 1710.0 MHz
 Verdict: PASS



Frequency Range [MHz]	Highest Emission Frequency [MHz]	Highest Emission [dBm]	Measurement Bandwidth [kHz]	Limit [dBm]	Margin [dB]	Sweep points	Sweep time [s]	Detector
1700.0 - 1706.0	1706.0	-37.2	1000.0	-13	-24.2	1001	1.0	RMS
1706.0 - 1707.0	1706.5	-40.1	10.0	-13	-27.1	501	1.0	RMS, Integrated
1707.0 - 1708.0	1707.5	-40.12	10.0	-13	-27.12	501	1.0	RMS, Integrated
1708.0 - 1709.0	1708.5	-38.39	10.0	-13	-25.39	501	1.0	RMS, Integrated
1709.0 - 1710.0	1710.0	-19.61	10.0	-13	-6.61	501	1.0	RMS

Band edge compliance

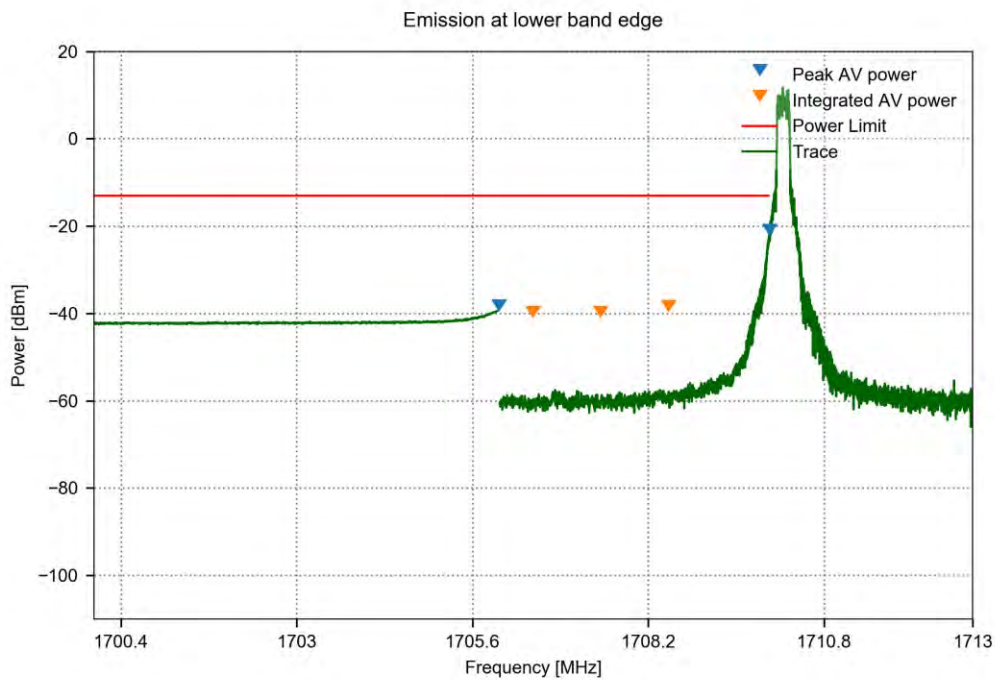
Project Number: G0M-2304-2019
 Applicant: Vaisala Oyj
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Reference Standards: ISED RSS-139, Issue 4 Amendment 1
 Reference Method: ANSI C63.26:2015, Section 5.7
 Operator: Florian Voigt
 Test Date: 2023-06-16
 Test Site: Eurofins Product Service GmbH
 Band, Channel, Modulation: FDD66, 131974, $\pi/4$ - QPSK
 Emission bandwidth: 15.0 kHz
 Tone configuration: 1 Tones, Offset=0
 Min. out of band margin: -6.22 dB, 1710.0 MHz
 Verdict: PASS



Frequency Range [MHz]	Highest Emission Frequency [MHz]	Highest Emission [dBm]	Measurement Bandwidth [kHz]	Limit [dBm]	Margin [dB]	Sweep points	Sweep time [s]	Detector
1700.0 - 1706.0	1706.0	-37.23	1000.0	-13	-24.23	1001	1.0	RMS
1706.0 - 1707.0	1706.5	-40.11	10.0	-13	-27.11	501	1.0	RMS, Integrated
1707.0 - 1708.0	1707.5	-40.11	10.0	-13	-27.11	501	1.0	RMS, Integrated
1708.0 - 1709.0	1708.5	-38.5	10.0	-13	-25.5	501	1.0	RMS, Integrated
1709.0 - 1710.0	1710.0	-19.22	10.0	-13	-6.22	501	1.0	RMS

Band edge compliance

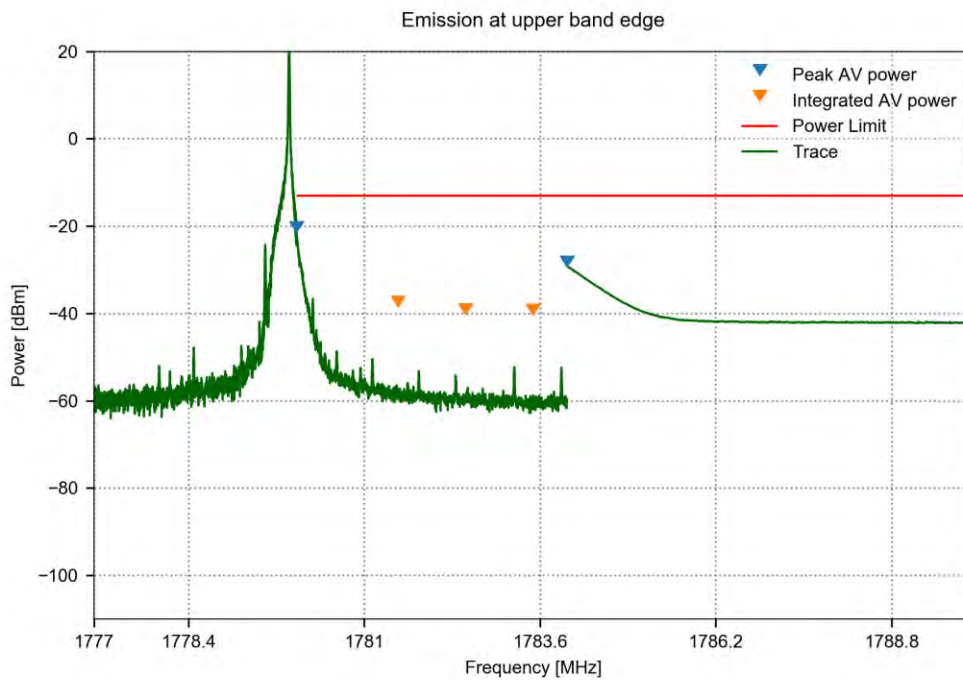
Project Number: G0M-2304-2019
 Applicant: Vaisala Oyj
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Reference Standards: ISED RSS-139, Issue 4 Amendment 1
 Reference Method: ANSI C63.26:2015, Section 5.7
 Operator: Florian Voigt
 Test Date: 2023-06-16
 Test Site: Eurofins Product Service GmbH
 Band, Channel, Modulation: FDD66, 131974, $\pi/4$ - QPSK
 Emission bandwidth: 180.0 kHz
 Tone configuration: 12 Tones, Offset=0
 Min. out of band margin: -8.78 dB, 1709.994 MHz
 Verdict: PASS



Frequency Range [MHz]	Highest Emission Frequency [MHz]	Highest Emission [dBm]	Measurement Bandwidth [kHz]	Limit [dBm]	Margin [dB]	Sweep points	Sweep time [s]	Detector
1700.0 - 1706.0	1705.99	-39.16	1000.0	-13	-26.16	1001	1.0	RMS
1706.0 - 1707.0	1706.5	-40.61	10.0	-13	-27.61	501	1.0	RMS, Integrated
1707.0 - 1708.0	1707.5	-40.59	10.0	-13	-27.59	501	1.0	RMS, Integrated
1708.0 - 1709.0	1708.5	-39.31	10.0	-13	-26.31	501	1.0	RMS, Integrated
1709.0 - 1710.0	1709.99	-21.78	10.0	-13	-8.78	501	1.0	RMS

Band edge compliance

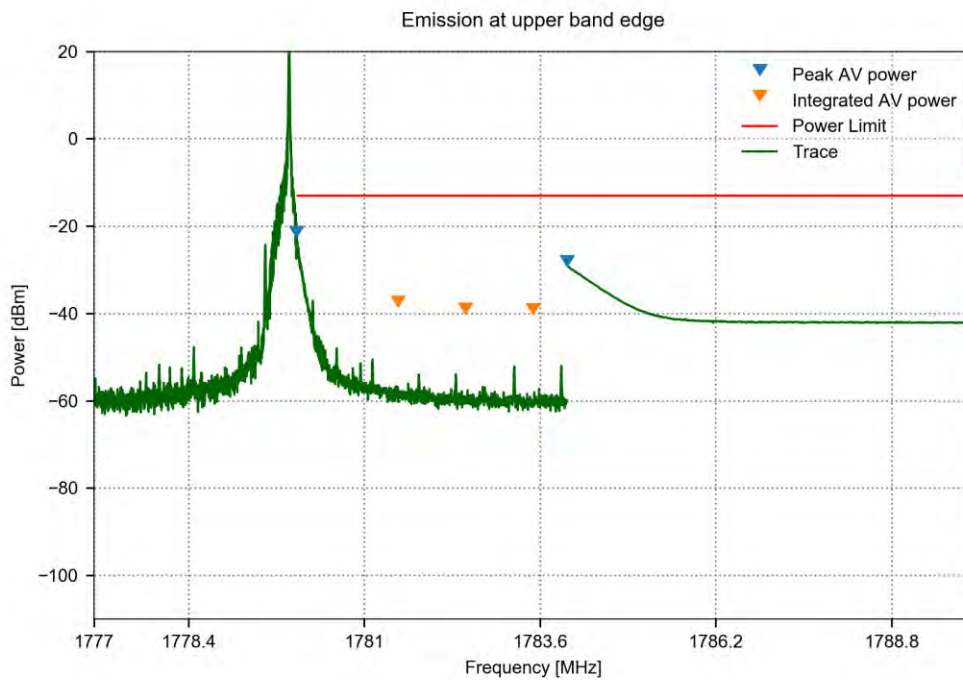
Project Number: G0M-2304-2019
 Applicant: Vaisala Oyj
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Reference Standards: ISED RSS-139, Issue 4 Amendment 1
 Reference Method: ANSI C63.26:2015, Section 5.7
 Operator: Florian Voigt
 Test Date: 2023-06-16
 Test Site: Eurofins Product Service GmbH
 Band, Channel, Modulation: FDD66, 132670, $\pi/2$ - BPSK
 Emission bandwidth: 3.75 kHz
 Tone configuration: 1 Tones, Offset=47
 Min. out of band margin: -8.21 dB, 1780.0 MHz
 Verdict: PASS



Frequency Range [MHz]	Highest Emission Frequency [MHz]	Highest Emission [dBm]	Measurement Bandwidth [kHz]	Limit [dBm]	Margin [dB]	Sweep points	Sweep time [s]	Detector
1780.0 - 1781.0	1780.0	-21.21	10.0	-13	-8.21	501	1.0	RMS
1781.0 - 1782.0	1781.5	-38.26	10.0	-13	-25.26	501	1.0	RMS, Integrated
1782.0 - 1783.0	1782.5	-40.0	10.0	-13	-27.0	501	1.0	RMS, Integrated
1783.0 - 1784.0	1783.5	-40.13	10.0	-13	-27.13	501	1.0	RMS, Integrated
1784.0 - 1790.0	1784.0	-29.14	1000.0	-13	-16.14	501	1.0	RMS

Band edge compliance

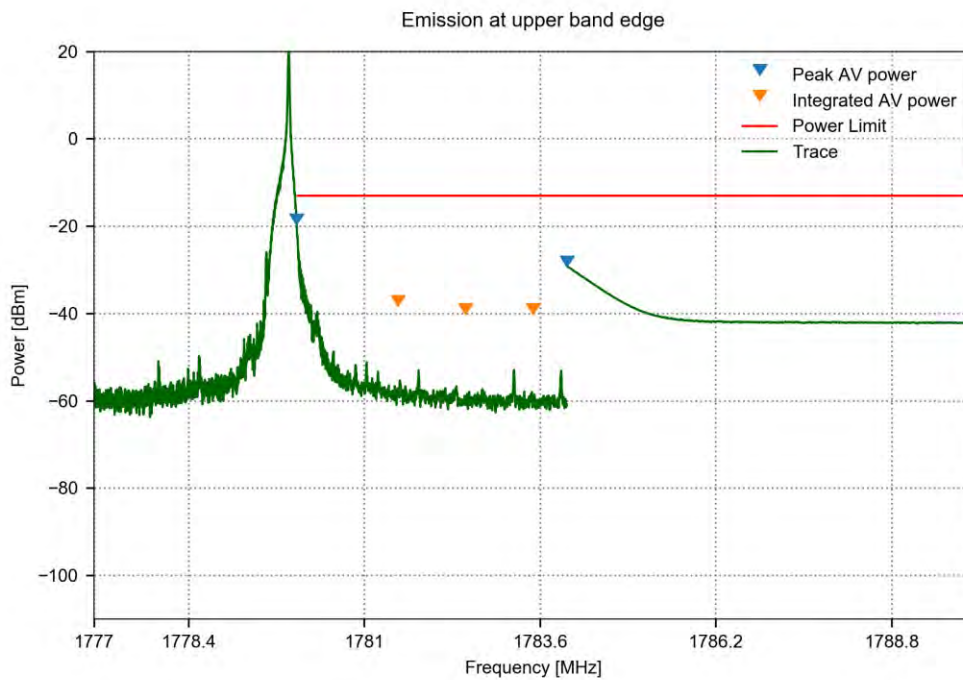
Project Number: G0M-2304-2019
 Applicant: Vaisala Oyj
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Reference Standards: ISED RSS-139, Issue 4 Amendment 1
 Reference Method: ANSI C63.26:2015, Section 5.7
 Operator: Florian Voigt
 Test Date: 2023-06-16
 Test Site: Eurofins Product Service GmbH
 Band, Channel, Modulation: FDD66, 132670, $\pi/4$ - QPSK
 Emission bandwidth: 3.75 kHz
 Tone configuration: 1 Tones, Offset=47
 Min. out of band margin: -9.31 dB, 1780.0 MHz
 Verdict: PASS



Frequency Range [MHz]	Highest Emission Frequency [MHz]	Highest Emission [dBm]	Measurement Bandwidth [kHz]	Limit [dBm]	Margin [dB]	Sweep points	Sweep time [s]	Detector
1780.0 - 1781.0	1780.0	-22.31	10.0	-13	-9.31	501	1.0	RMS
1781.0 - 1782.0	1781.5	-38.32	10.0	-13	-25.32	501	1.0	RMS, Integrated
1782.0 - 1783.0	1782.5	-39.94	10.0	-13	-26.94	501	1.0	RMS, Integrated
1783.0 - 1784.0	1783.5	-40.05	10.0	-13	-27.05	501	1.0	RMS, Integrated
1784.0 - 1790.0	1784.0	-29.02	1000.0	-13	-16.02	501	1.0	RMS

Band edge compliance

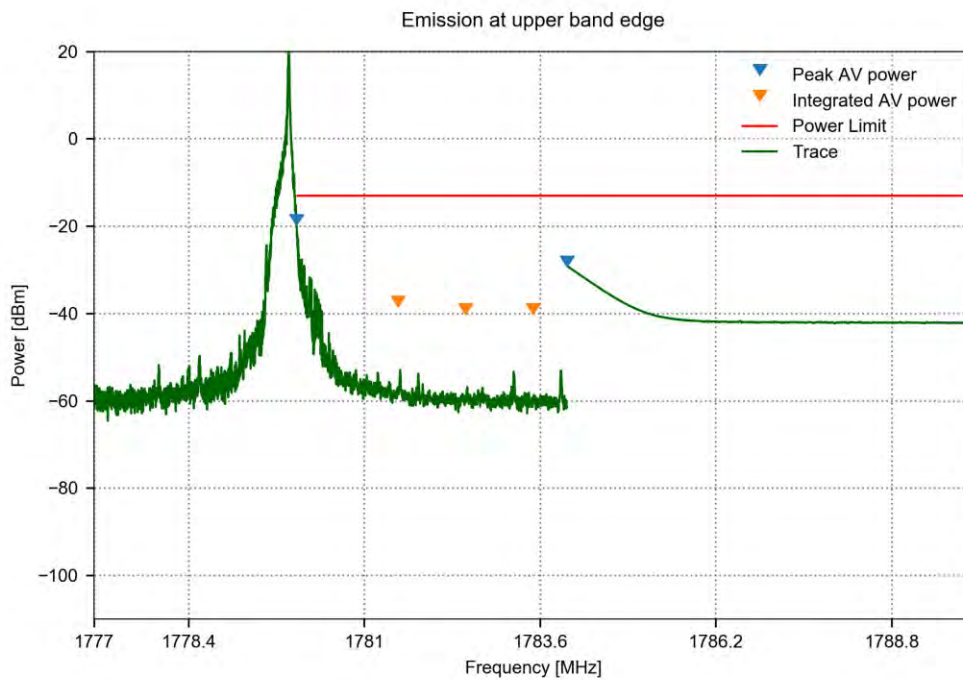
Project Number: G0M-2304-2019
 Applicant: Vaisala Oyj
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Reference Standards: ISED RSS-139, Issue 4 Amendment 1
 Reference Method: ANSI C63.26:2015, Section 5.7
 Operator: Florian Voigt
 Test Date: 2023-06-16
 Test Site: Eurofins Product Service GmbH
 Band, Channel, Modulation: FDD66, 132670, $\pi/2$ - BPSK
 Emission bandwidth: 15.0 kHz
 Tone configuration: 1 Tones, Offset=11
 Min. out of band margin: -6.43 dB, 1780.002 MHz
 Verdict: PASS



Frequency Range [MHz]	Highest Emission Frequency [MHz]	Highest Emission [dBm]	Measurement Bandwidth [kHz]	Limit [dBm]	Margin [dB]	Sweep points	Sweep time [s]	Detector
1780.0 - 1781.0	1780.0	-19.43	10.0	-13	-6.43	501	1.0	RMS
1781.0 - 1782.0	1781.5	-38.18	10.0	-13	-25.18	501	1.0	RMS, Integrated
1782.0 - 1783.0	1782.5	-39.98	10.0	-13	-26.98	501	1.0	RMS, Integrated
1783.0 - 1784.0	1783.5	-39.98	10.0	-13	-26.98	501	1.0	RMS, Integrated
1784.0 - 1790.0	1784.0	-29.16	1000.0	-13	-16.16	501	1.0	RMS

Band edge compliance

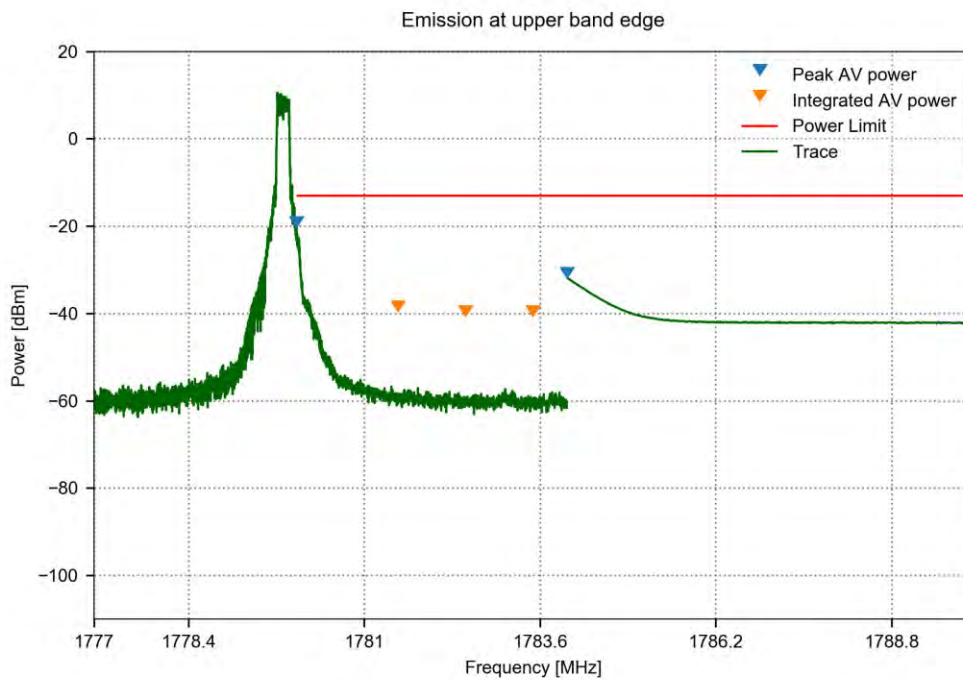
Project Number: G0M-2304-2019
 Applicant: Vaisala Oyj
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Reference Standards: ISED RSS-139, Issue 4 Amendment 1
 Reference Method: ANSI C63.26:2015, Section 5.7
 Operator: Florian Voigt
 Test Date: 2023-06-16
 Test Site: Eurofins Product Service GmbH
 Band, Channel, Modulation: FDD66, 132670, $\pi/4$ - QPSK
 Emission bandwidth: 15.0 kHz
 Tone configuration: 1 Tones, Offset=11
 Min. out of band margin: -6.58 dB, 1780.0 MHz
 Verdict: PASS



Frequency Range [MHz]	Highest Emission Frequency [MHz]	Highest Emission [dBm]	Measurement Bandwidth [kHz]	Limit [dBm]	Margin [dB]	Sweep points	Sweep time [s]	Detector
1780.0 - 1781.0	1780.0	-19.58	10.0	-13	-6.58	501	1.0	RMS
1781.0 - 1782.0	1781.5	-38.32	10.0	-13	-25.32	501	1.0	RMS, Integrated
1782.0 - 1783.0	1782.5	-40.02	10.0	-13	-27.02	501	1.0	RMS, Integrated
1783.0 - 1784.0	1783.5	-39.99	10.0	-13	-26.99	501	1.0	RMS, Integrated
1784.0 - 1790.0	1784.0	-29.13	1000.0	-13	-16.13	501	1.0	RMS

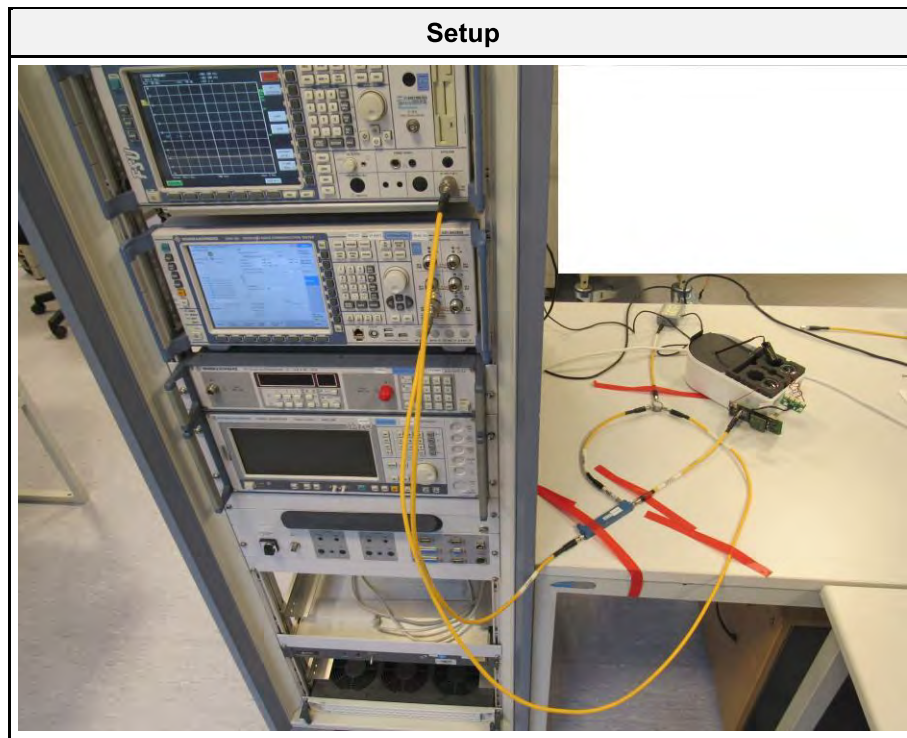
Band edge compliance

Project Number: G0M-2304-2019
 Applicant: Vaisala Oyj
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Reference Standards: ISED RSS-139, Issue 4 Amendment 1
 Reference Method: ANSI C63.26:2015, Section 5.7
 Operator: Florian Voigt
 Test Date: 2023-06-16
 Test Site: Eurofins Product Service GmbH
 Band, Channel, Modulation: FDD66, 132670, $\pi/4$ - QPSK
 Emission bandwidth: 180.0 kHz
 Tone configuration: 12 Tones, Offset=0
 Min. out of band margin: -7.04 dB, 1780.002 MHz
 Verdict: PASS



Frequency Range [MHz]	Highest Emission Frequency [MHz]	Highest Emission [dBm]	Measurement Bandwidth [kHz]	Limit [dBm]	Margin [dB]	Sweep points	Sweep time [s]	Detector
1780.0 - 1781.0	1780.0	-20.04	10.0	-13	-7.04	501	1.0	RMS
1781.0 - 1782.0	1781.5	-39.39	10.0	-13	-26.39	501	1.0	RMS, Integrated
1782.0 - 1783.0	1782.5	-40.49	10.0	-13	-27.49	501	1.0	RMS, Integrated
1783.0 - 1784.0	1783.5	-40.48	10.0	-13	-27.48	501	1.0	RMS, Integrated
1784.0 - 1790.0	1784.0	-31.78	1000.0	-13	-18.78	501	1.0	RMS

3.4.7 Setup Photos



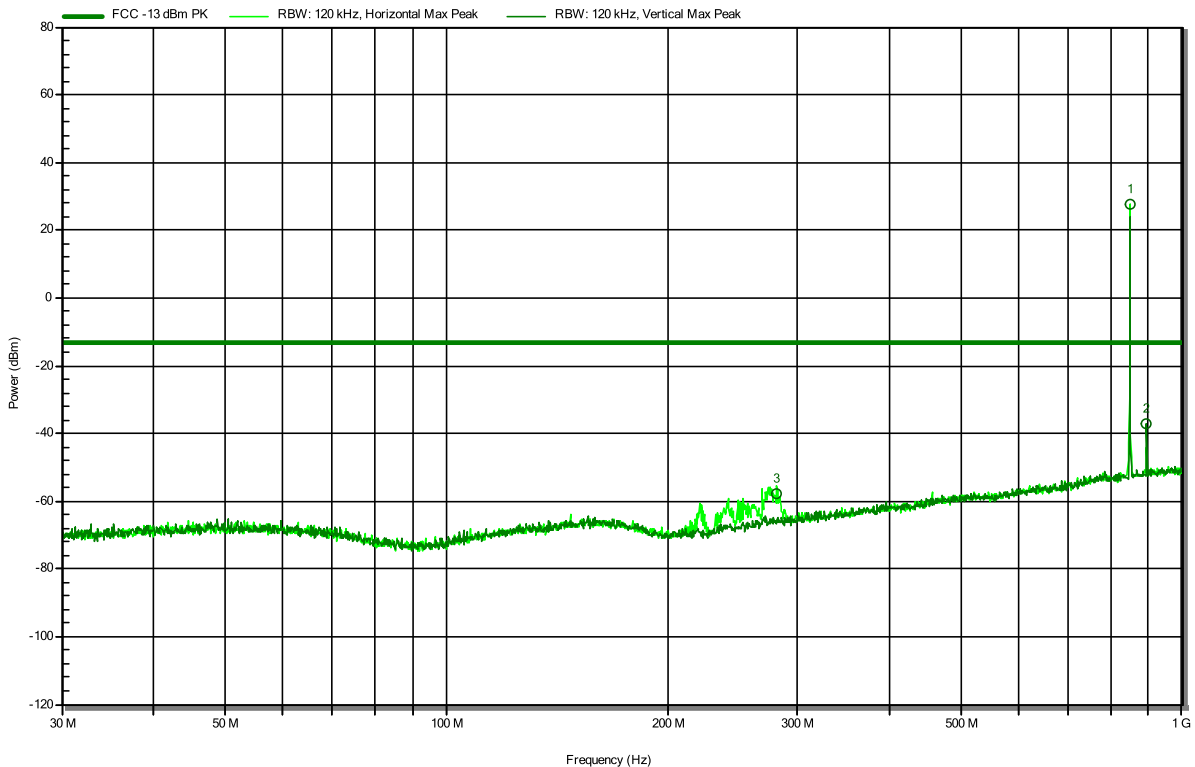
ANNEX A Transmitter radiated emissions

Radiated Spurious Emissions according to 47 CFR Part 22H; RSS-132, Issue 4

Project Number: G0M-2304-2019
 Applicant: Eurofins Electric & Electronics Finland Oy
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Offorji
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 20 °Celsius, Vnom: 7.2 VDC (battery)
 Antenna: Schwarzbeck VULB 9168
 Measurement distance: 3 m
 Mode: Tx; FDD5, CH20648, UL Sub Carrier spacing 15 kHz, 3 Subcarrier, Start SC 6
 Test Date: 2023-05-10
 Note: Marker 1 = Uplink carrier
 Marker 2 = Downlink carrier

Index 6

RadiMation



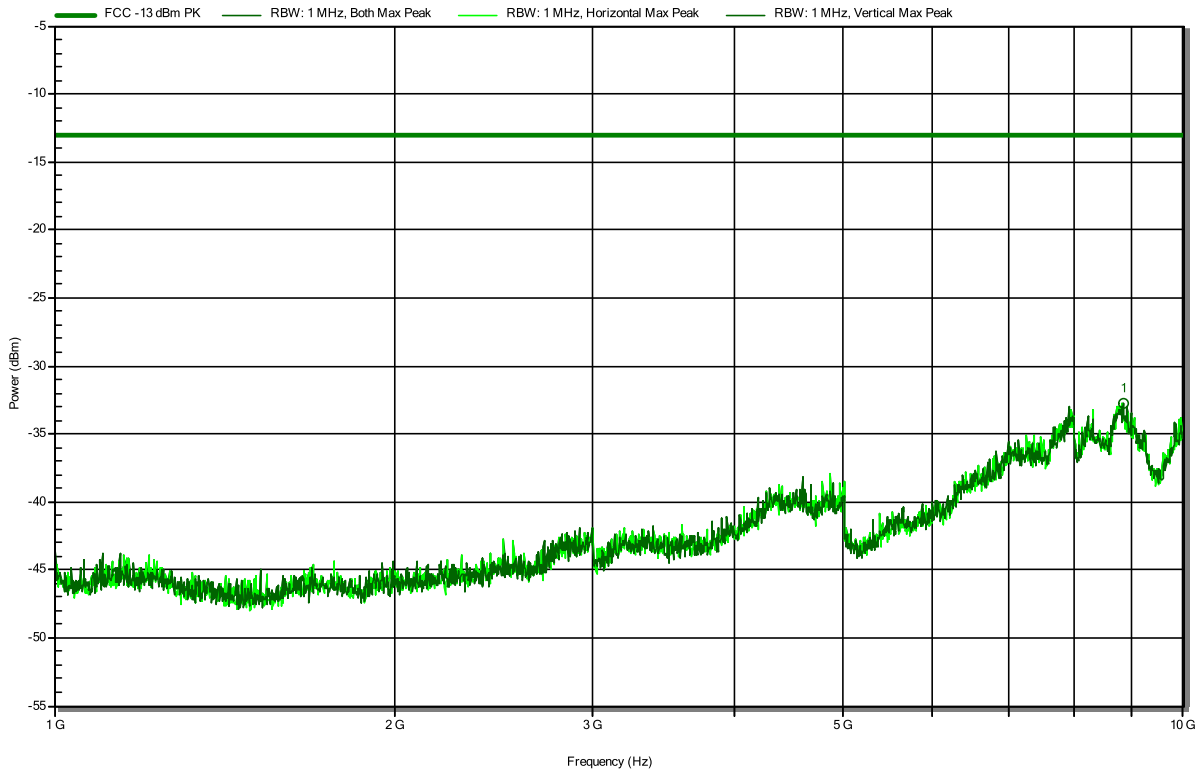
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
280.454 MHz	-57.9 dBm	-13 dBm	-44.85 dB	Pass	Horizontal
848.826 MHz	27.6 dBm	---	---	Uplink Carrier	Horizontal
893.761 MHz	-37.3 dBm	---	---	Downlink Carrier	Vertical

Radiated Spurious Emissions according to 47 CFR Part 22H; RSS-132, Issue 4

Project Number: G0M-2304-2019
 Applicant: Eurofins Electric & Electronics Finland Oy
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Test Site: Eurofins Product Service GmbH
 Operator: Godson Offorji
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 7.2 VDC (battery)
 Antenna: Schwarzbeck BBHA 9120B
 Measurement distance: 3 m
 Mode: Tx; FDD5, CH20648, UL Sub Carrier spacing 15 kHz, 3 Subcarrier, Start SC 6
 Test Date: 2023-05-10
 Note:

Index 11

RadiMation



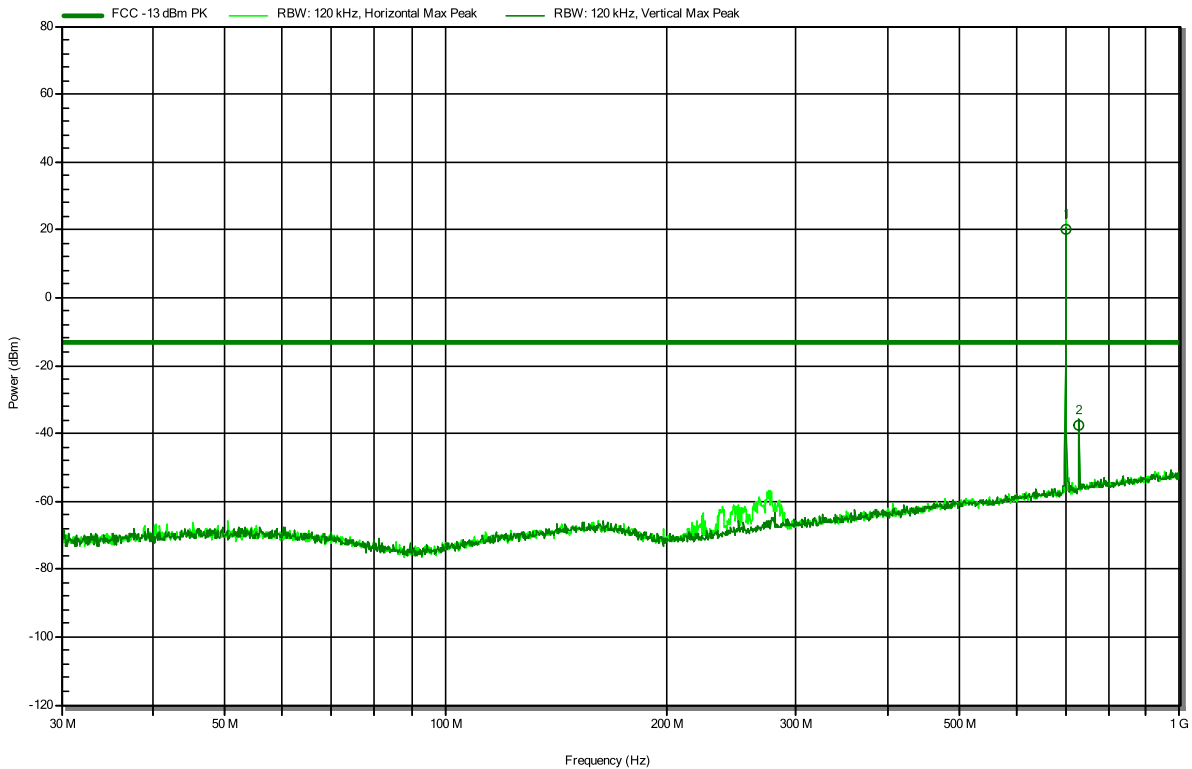
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
8.842 GHz	-32.8 dBm	-13 dBm	-19.75 dB	Pass	Vertical

Radiated Spurious Emissions according to 47 CFR Part 27, ISED RSS-130, Issue 2

Project Number: G0M-2304-2019
 Applicant: Eurofins Electric & Electronics Finland Oy
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Offorji
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 20 °Celsius, Vnom: 7.2 VDC (battery)
 Antenna: Schwarzbeck VULB 9168
 Measurement distance: 3 m
 Mode: Tx; FDD12, CH23012, UL Sub Carrier spacing 15 kHz, 3 Subcarrier, Start SC 6
 Test Date: 2023-05-10
 Note: Marker 1 = Uplink Carrier
 Marker 2 = Downlink Carrier

Index 5

RadiMation



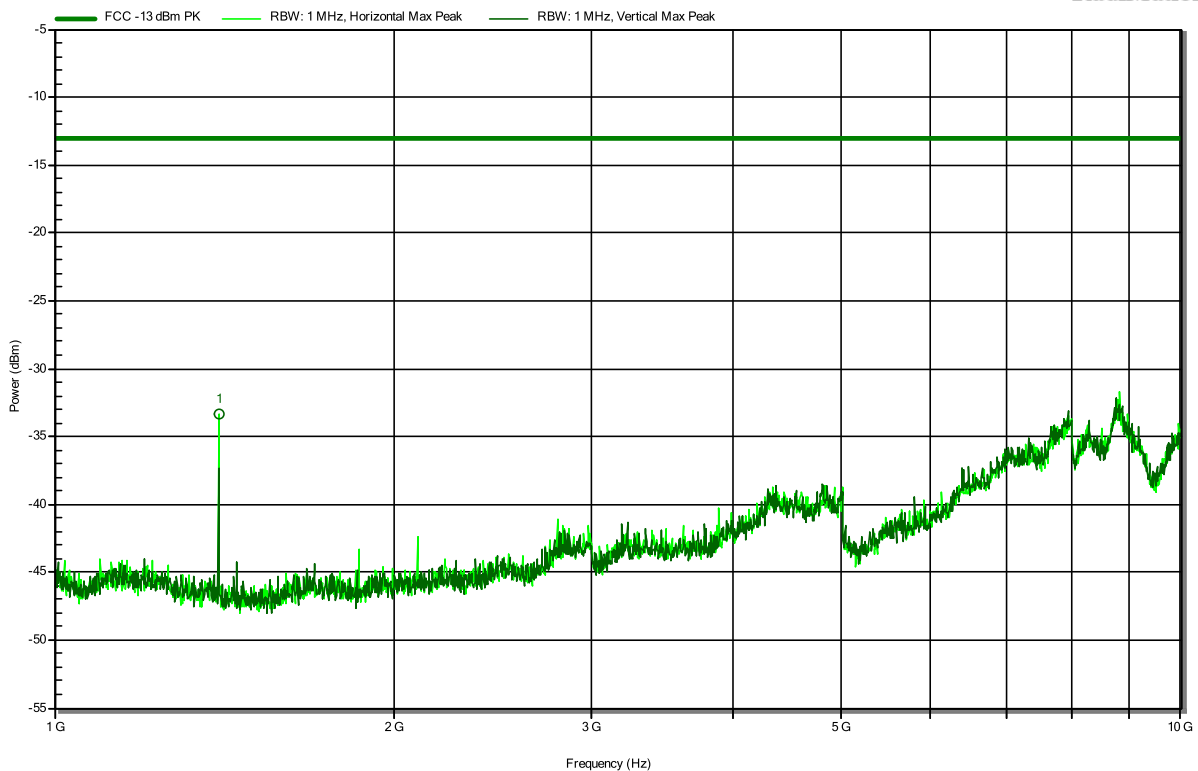
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
699.227 MHz	20.3 dBm	---	---	Uplink Carrier	Vertical
729.2 MHz	-37.4 dBm	---	---	Downlink Carrier	Vertical

Radiated Spurious Emissions according to 47 CFR Part 27, ISED RSS-130, Issue 2

Project Number: G0M-2304-2019
 Applicant: Eurofins Electric & Electronics Finland Oy
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Test Site: Eurofins Product Service GmbH
 Operator: Godson Offorji
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 25 °Celsius, Vnom: 7.2 VDC (battery)
 Antenna: Schwarzbeck BBHA 9120B
 Measurement distance: 3 m
 Mode: Tx; FDD12, CH23012, UL Sub Carrier spacing 15 kHz, 3 Subcarrier, Start SC 6
 Test Date: 2023-05-10
 Note:

Index 12

RadiMation



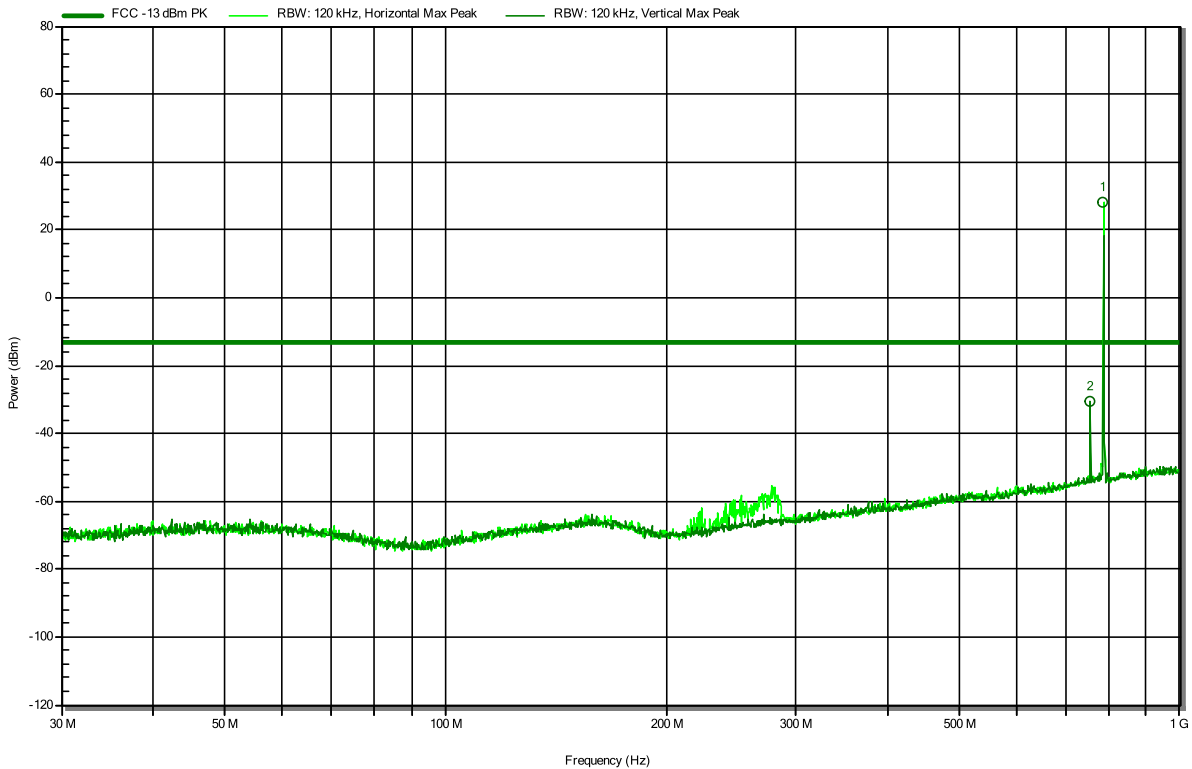
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
1.398 GHz	-33.4 dBm	-13 dBm	-20.38 dB	Pass	Horizontal

Radiated Spurious Emissions according to 47 CFR Part 27, ISED RSS-130, Issue 2

Project Number: G0M-2304-2019
 Applicant: Eurofins Electric & Electronics Finland Oy
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Offorji
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 20 °Celsius, Vnom: 7.2 VDC (battery)
 Antenna: Schwarzbeck VULB 9168
 Measurement distance: 3 m
 Mode: Tx; FDD13, CH23278, UL Sub Carrier spacing 15 kHz, 3 Subcarrier, Start SC 6
 Test Date: 2023-05-10
 Note: Marker 1 = Uplink carrier
 Marker 2 = Downlink carrier

Index 9

RadiMation



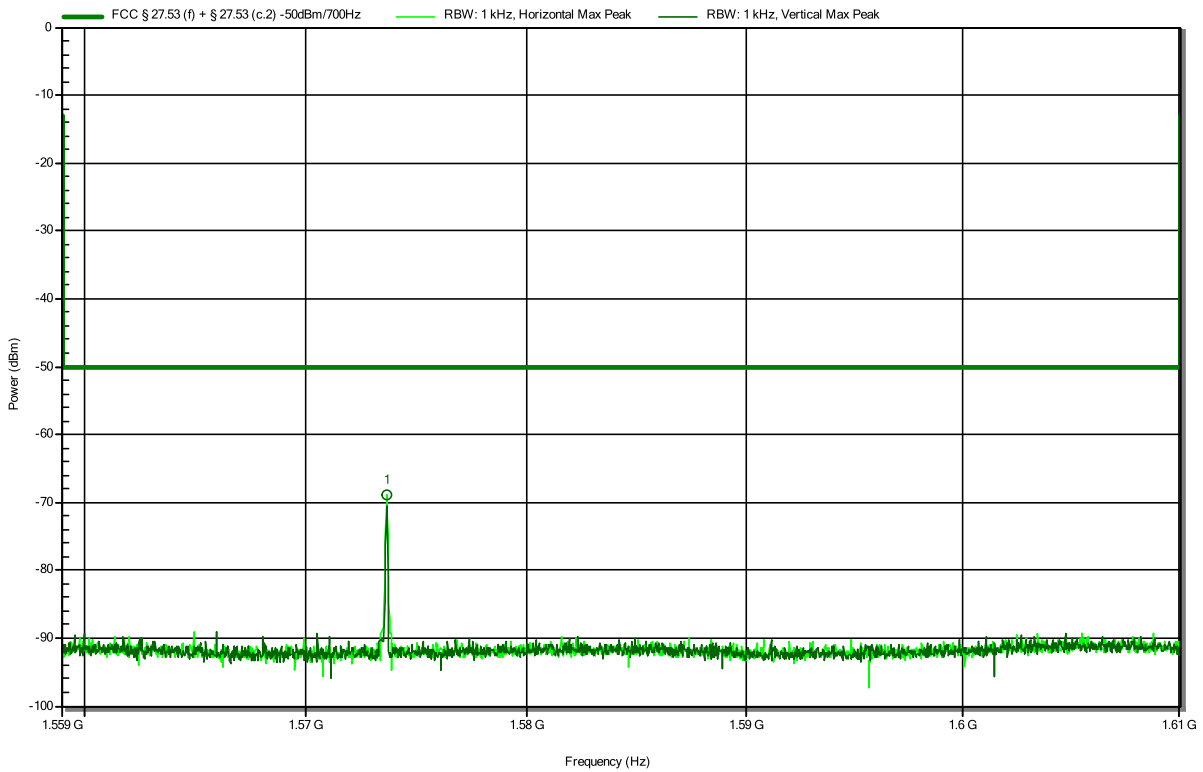
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
755.827 MHz	-30.6 dBm	---	---	Downlink Carrier	Vertical
786.818 MHz	28.4 dBm	---	---	Uplink Carrier	Horizontal

Radiated Spurious Emissions according to 47 CFR Part 27, ISED RSS-130, Issue 2

Project Number: G0M-2304-2019
 Applicant: Eurofins Electric & Electronics Finland Oy
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 7.2 VDC (battery)
 Antenna: Schwarzbeck BBHA 9120B
 Measurement distance: 3 m
 Mode: Tx; FDD13, CH23278, UL Sub Carrier spacing 15 kHz, 3 Subcarrier, Start SC 6
 Test Date: 2023-05-09
 Note:

Index 2

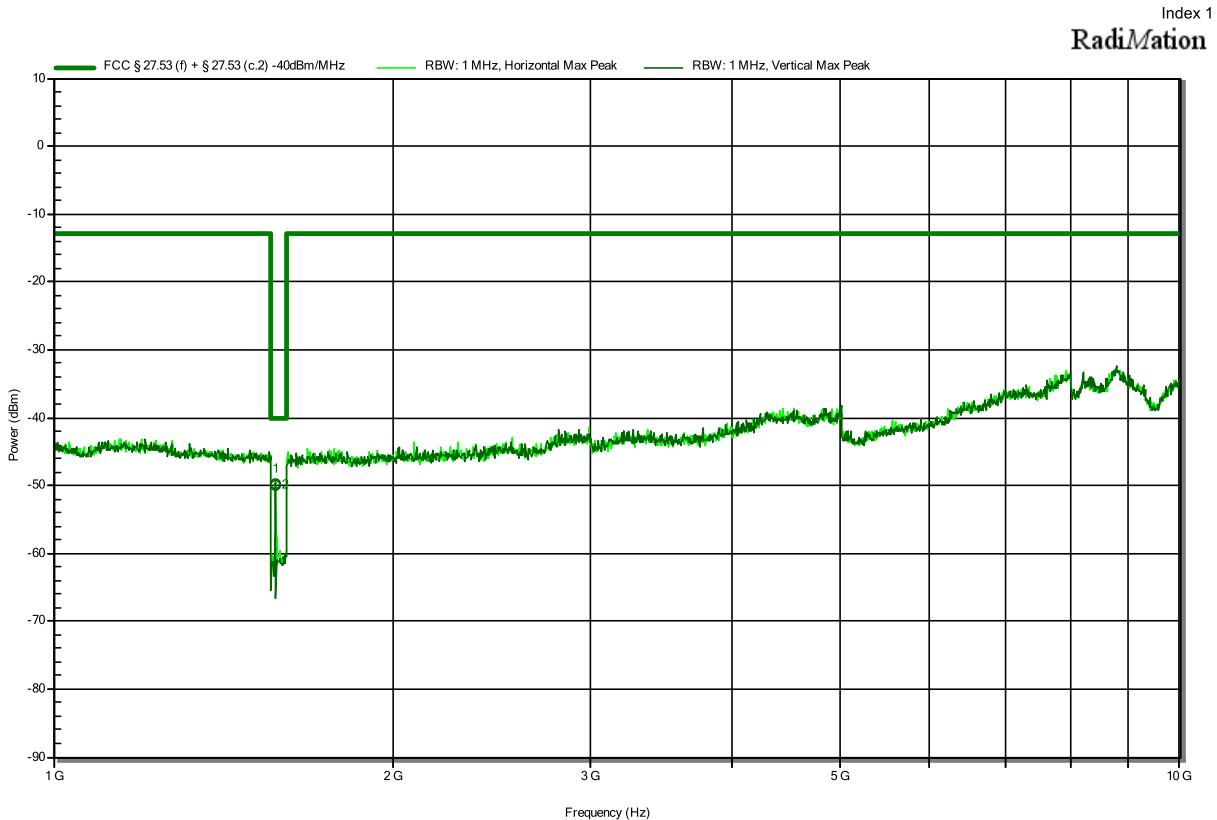
RadiMation



Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
1.574 GHz	-68.8 dBm	-50 dBm	-18.78 dB	Pass	Horizontal

Radiated Spurious Emissions according to 47 CFR Part 27, ISED RSS-130, Issue 2

Project Number: G0M-2304-2019
 Applicant: Eurofins Electric & Electronics Finland Oy
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Voigt
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 24 °Celsius, Vnom: 7.2 VDC (battery)
 Antenna: Schwarzbeck BBHA 9120B
 Measurement distance: 3 m
 Mode: Tx; FDD13, CH23278, UL Sub Carrier spacing 15 kHz, 3 Subcarrier, Start SC 6
 Test Date: 2023-05-09
 Note:



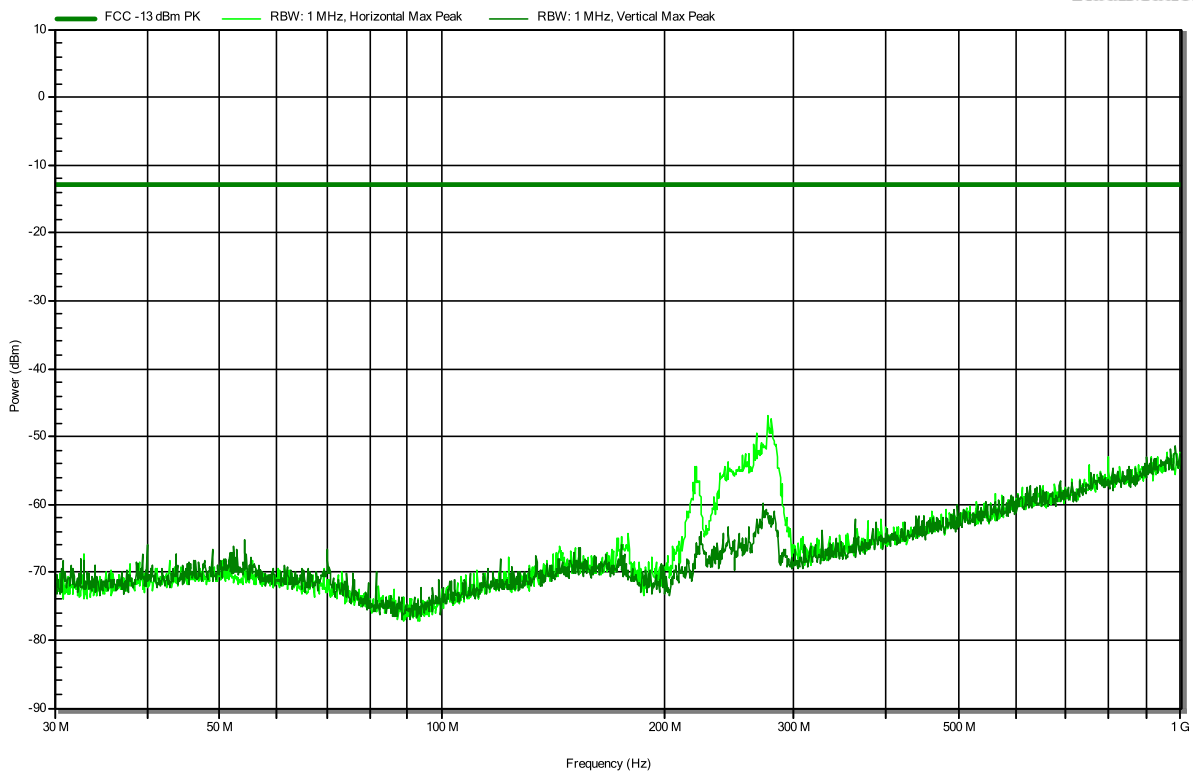
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
1.574 GHz	-49.8 dBm	-40 dBm	-9.82 dB	Pass	Horizontal
1.574 GHz	-50 dBm	-40 dBm	-9.98 dB	Pass	Vertical

Radiated Spurious Emissions according to 47 CFR Part 24E, ISED RSS-133, Issue 6+A1

Project Number: G0M-2304-2019
 Applicant: Eurofins Electric & Electronics Finland Oy
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Offorji
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 20 °Celsius, Vnom: 7.2 VDC (battery)
 Antenna: Schwarzbeck VULB 9168
 Measurement distance: 3 m
 Mode: Tx; FDD25, CH26688, UL Sub Carrier spacing 15 kHz, 3 Subcarrier, Start SC 6
 Test Date: 2023-05-10
 Note:

Index 10

RadiMation

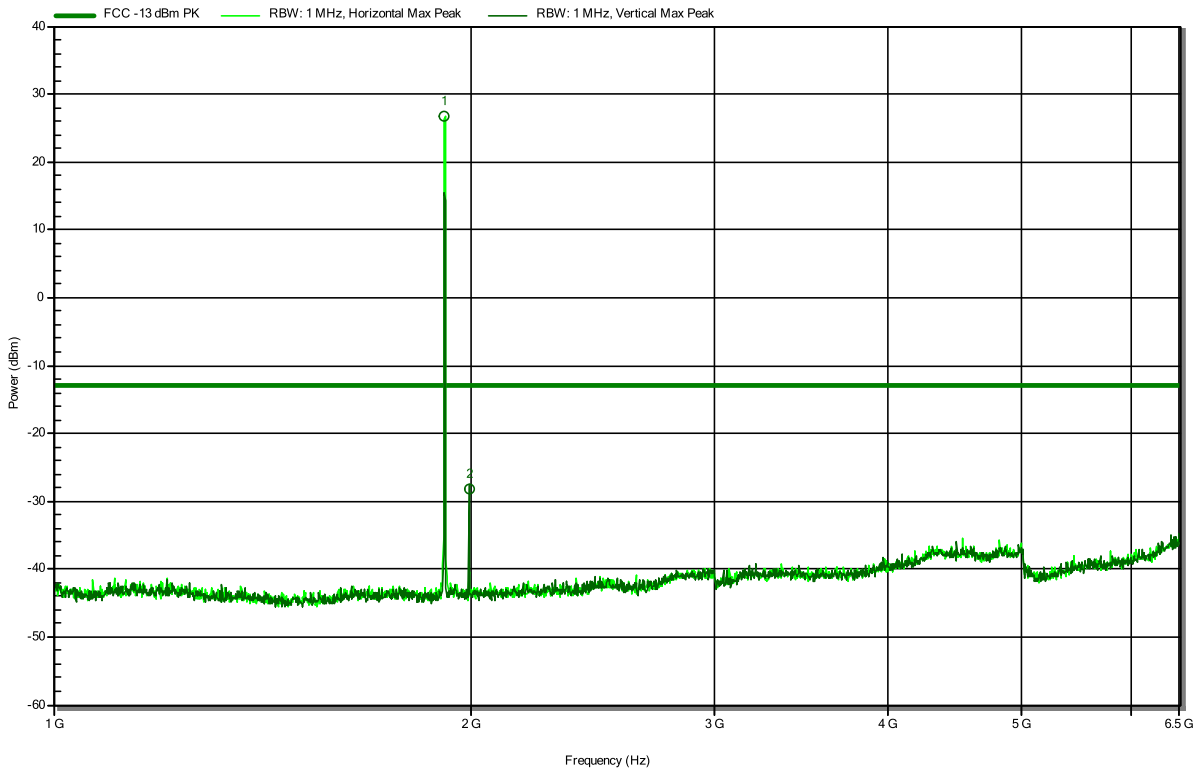


Radiated Spurious Emissions according to 47 CFR Part 24E, ISED RSS-133, Issue 6+A1

Project Number: G0M-2304-2019
 Applicant: Eurofins Electric & Electronics Finland Oy
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Test Site: Eurofins Product Service GmbH
 Operator: Godson Offorji
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 25 °Celsius, Vnom: 7.2 VDC (battery)
 Antenna: Schwarzbeck BBHA 9120B
 Measurement distance: 3 m
 Mode: Tx; FDD25, CH26688, UL Sub Carrier spacing 15 kHz, 3 Subcarrier, Start SC 6
 Test Date: 2023-05-10
 Note: Marker 1 = Uplink Carrier
 Marker 2 = Downlink Carrier

Index 15

RadiMation



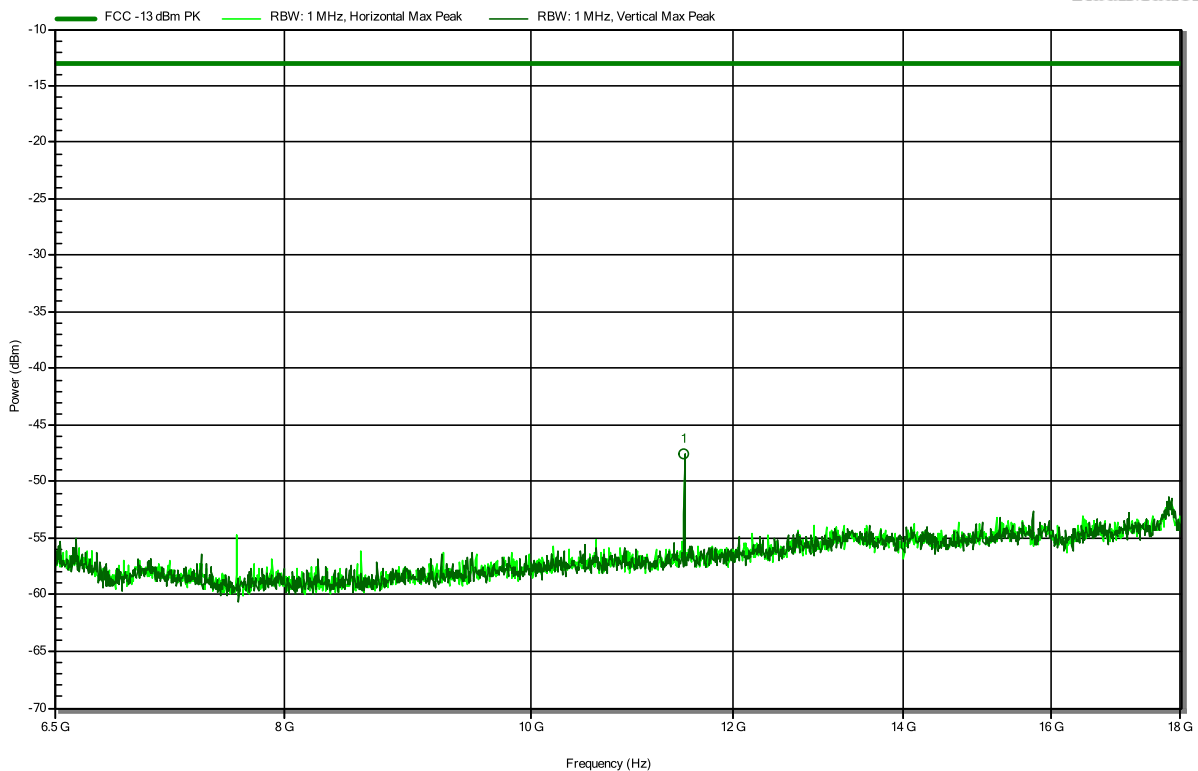
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
1.915 GHz	26.6 dBm	---	---	Uplink Carrier	Horizontal
1.995 GHz	-28.2 dBm	---	---	Downlink Carrier	Vertical

Radiated Spurious Emissions according to 47 CFR Part 24E, ISED RSS-133, Issue 6+A1

Project Number: G0M-2304-2019
 Applicant: Eurofins Electric & Electronics Finland Oy
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Test Site: Eurofins Product Service GmbH
 Operator: Godson Offorji
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 25 °Celsius, Vnom: 7.2 VDC (battery)
 Antenna: Schwarzbeck HWRD 650
 Measurement distance: 3 m
 Mode: Tx; FDD25, CH26688, UL Sub Carrier spacing 15 kHz, 3 Subcarrier, Start SC 6
 Test Date: 2023-05-10
 Note:

Index 16

RadiMation



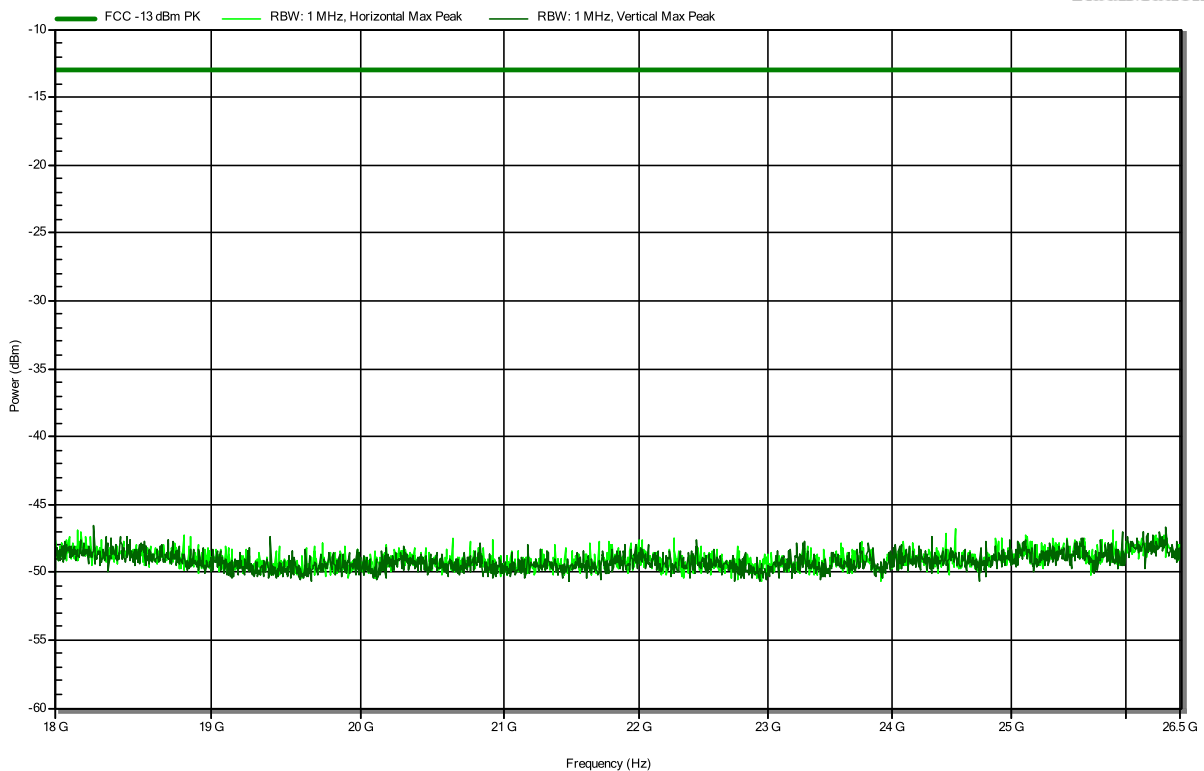
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
11.489 GHz	-47.5 dBm	-13 dBm	-34.47 dB	Pass	Vertical

Radiated Spurious Emissions according to 47 CFR Part 24E, ISED RSS-133, Issue 6+A1

Project Number: G0M-2304-2019
 Applicant: Eurofins Electric & Electronics Finland Oy
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Test Site: Eurofins Product Service GmbH
 Operator: Godson Offorji
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 25 °Celsius, Vnom: 7.2 VDC (battery)
 Antenna: Amplifier Research AT4560
 Measurement distance: 3 m
 Mode: Tx; FDD25, CH26688, UL Sub Carrier spacing 15 kHz, 3 Subcarrier, Start SC 6
 Test Date: 2023-05-10
 Note:

Index 18

RadiMation

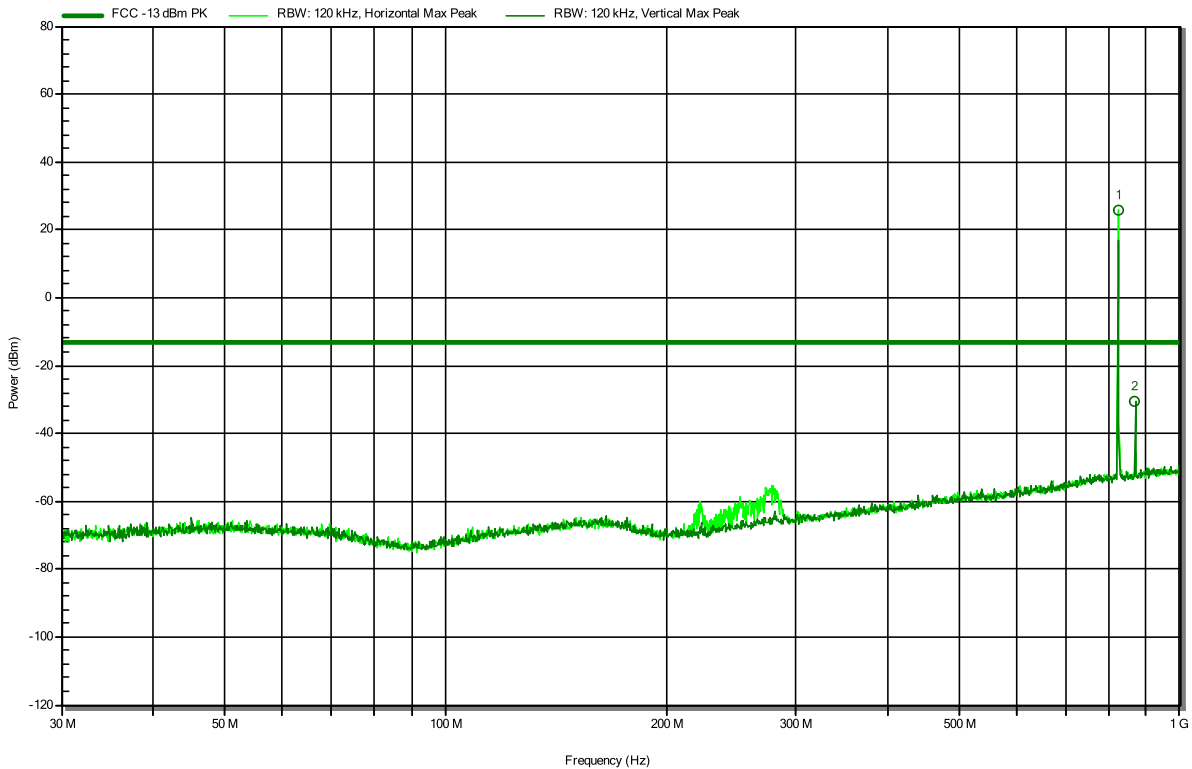


Radiated Spurious Emissions according to 47 CFR Part 90

Project Number: G0M-2304-2019
 Applicant: Eurofins Electric & Electronics Finland Oy
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Offorji
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 20 °Celsius, Vnom: 7.2 VDC (battery)
 Antenna: Schwarzbeck VULB 9168
 Measurement distance: 3 m
 Mode: Tx; FDD26, CH26790, UL Sub Carrier spacing 15 kHz, 1 Subcarrier, Start SC 11
 Test Date: 2023-05-10
 Note: Marker 1 = Uplink carrier
 Marker 2 = Downlink carrier

Index 7

RadiMation



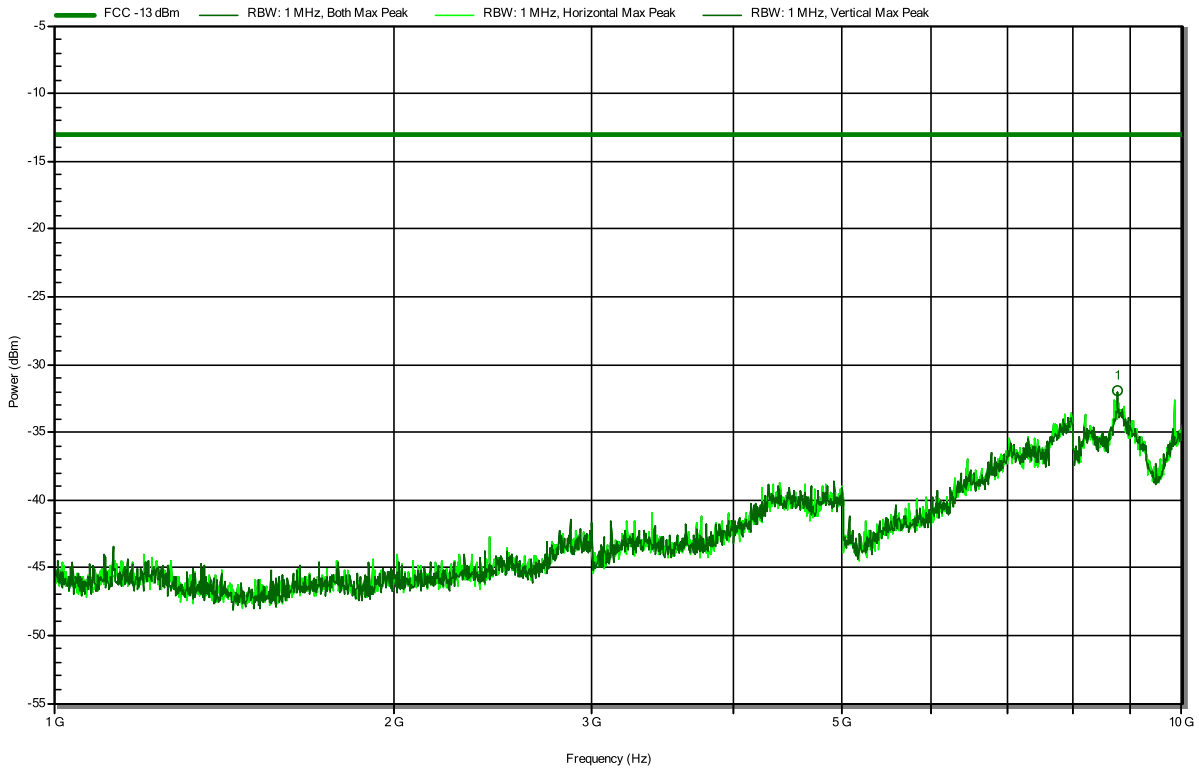
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
824.091 MHz	25.6 dBm	---	---	Uplink Carrier	Horizontal
868.977 MHz	-30.7 dBm	---	---	Downlink Carrier	Vertical

Radiated Spurious Emissions according to 47 CFR Part 90

Project Number: G0M-2304-2019
 Applicant: Eurofins Electric & Electronics Finland Oy
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Test Site: Eurofins Product Service GmbH
 Operator: Godson Offorji
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 25 °Celsius, Vnom: 7.2 VDC (battery)
 Antenna: Schwarzbeck BBHA 9120B
 Measurement distance: 3 m
 Mode: Tx; FDD26, CH26790, UL Sub Carrier spacing 15 kHz, 1 Subcarrier, Start SC 11
 Test Date: 2023-05-10
 Note:

Index 13

RadiMation



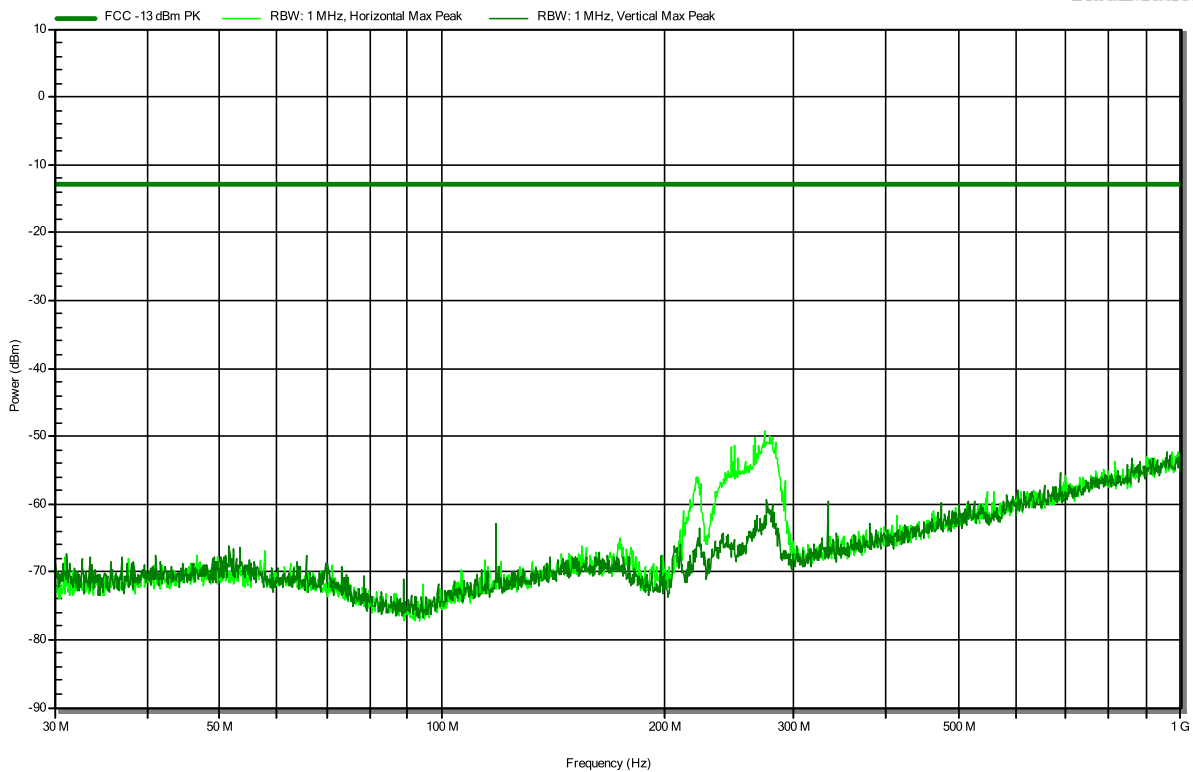
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
8.76 GHz	-32 dBm	-13 dBm	-18.99 dB	Pass	Vertical

Radiated Spurious Emissions according to 47 CFR Part 27, ISSED RSS-139, Issue 4 Amendment 1

Project Number: G0M-2304-2019
 Applicant: Eurofins Electric & Electronics Finland Oy
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Offorji
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 20 °Celsius, Vnom: 7.2 VDC (battery)
 Antenna: Schwarzbeck VULB 9168
 Measurement distance: 3 m
 Mode: Tx; FDD66, CH132670, UL Sub Carrier spacing 15 kHz, 3 Subcarrier, Start SC 6
 Test Date: 2023-05-10
 Note:

Index 8

RadiMation

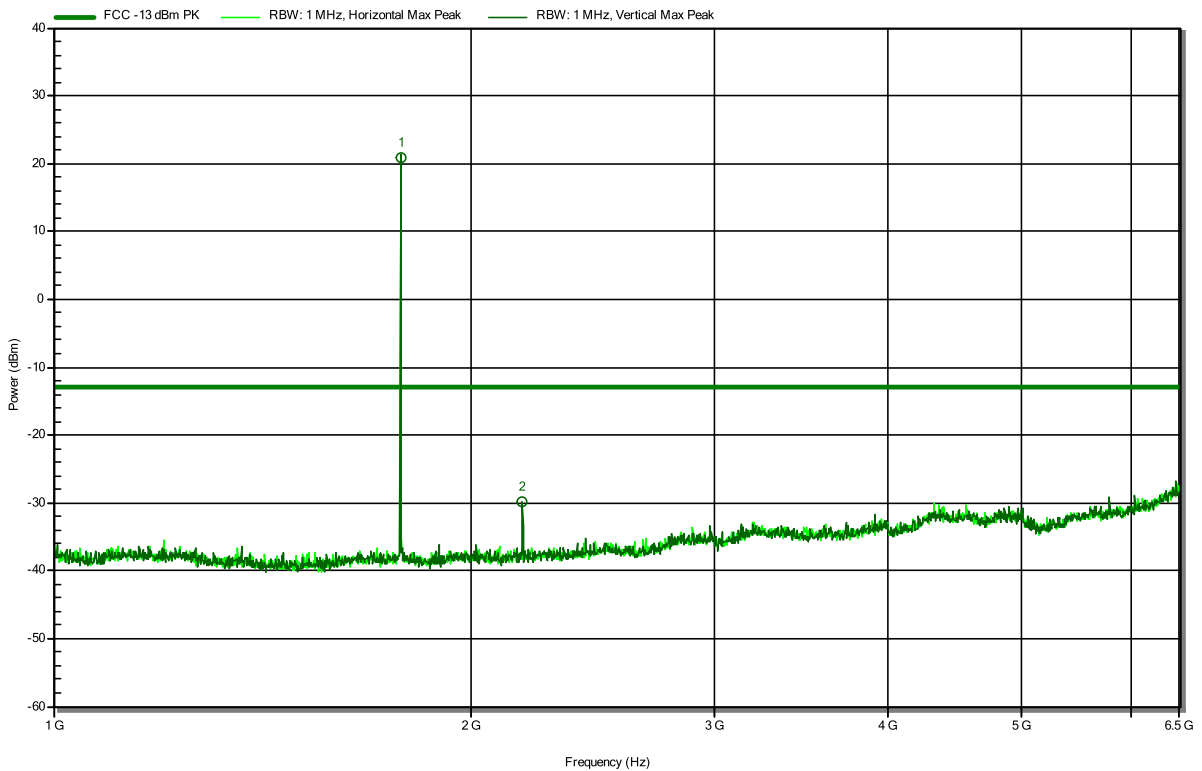


Radiated Spurious Emissions according to 47 CFR Part 27, ISSED RSS-139, Issue 4 Amendment 1

Project Number: G0M-2304-2019
 Applicant: Eurofins Electric & Electronics Finland Oy
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Test Site: Eurofins Product Service GmbH
 Operator: Godson Offorji
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 25 °Celsius, Vnom: 7.2 VDC (battery)
 Antenna: Schwarzbeck BBHA 9120B
 Measurement distance: 3 m
 Mode: Tx; FDD66, CH132670, UL Sub Carrier spacing 15 kHz, 3 Subcarrier, Start SC 6
 Test Date: 2023-05-10
 Note: Marker 1= Uplink Carrier
 Marker 2= Downlink Carrier

Index 14

RadiMation



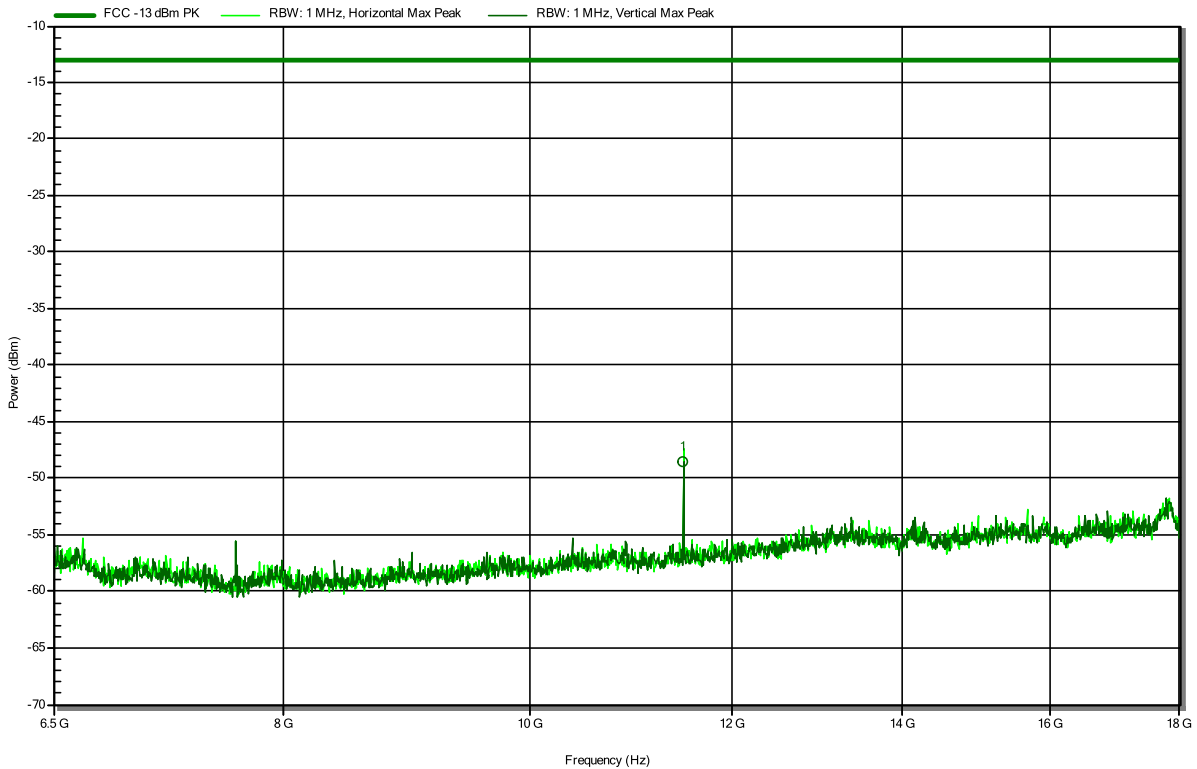
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
1.78 GHz	21 dBm	---	---	Uplink Carrier	Vertical
2.18 GHz	-29.8 dBm	---	---	Downlink Carrier	Vertical

Radiated Spurious Emissions according to 47 CFR Part 27, ISSED RSS-139, Issue 4 Amendment 1

Project Number: G0M-2304-2019
 Applicant: Eurofins Electric & Electronics Finland Oy
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Test Site: Eurofins Product Service GmbH
 Operator: Godson Offorji
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 25 °Celsius, Vnom: 7.2 VDC (battery)
 Antenna: Schwarzbeck HWRD 650
 Measurement distance: 3 m
 Mode: Tx; FDD66, CH132670, UL Sub Carrier spacing 15 kHz, 3 Subcarrier, Start SC 6
 Test Date: 2023-05-10
 Note:

Index 17

RadiMation



Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
11.489 GHz	-48.5 dBm	-13 dBm	-35.5 dB	Pass	Vertical

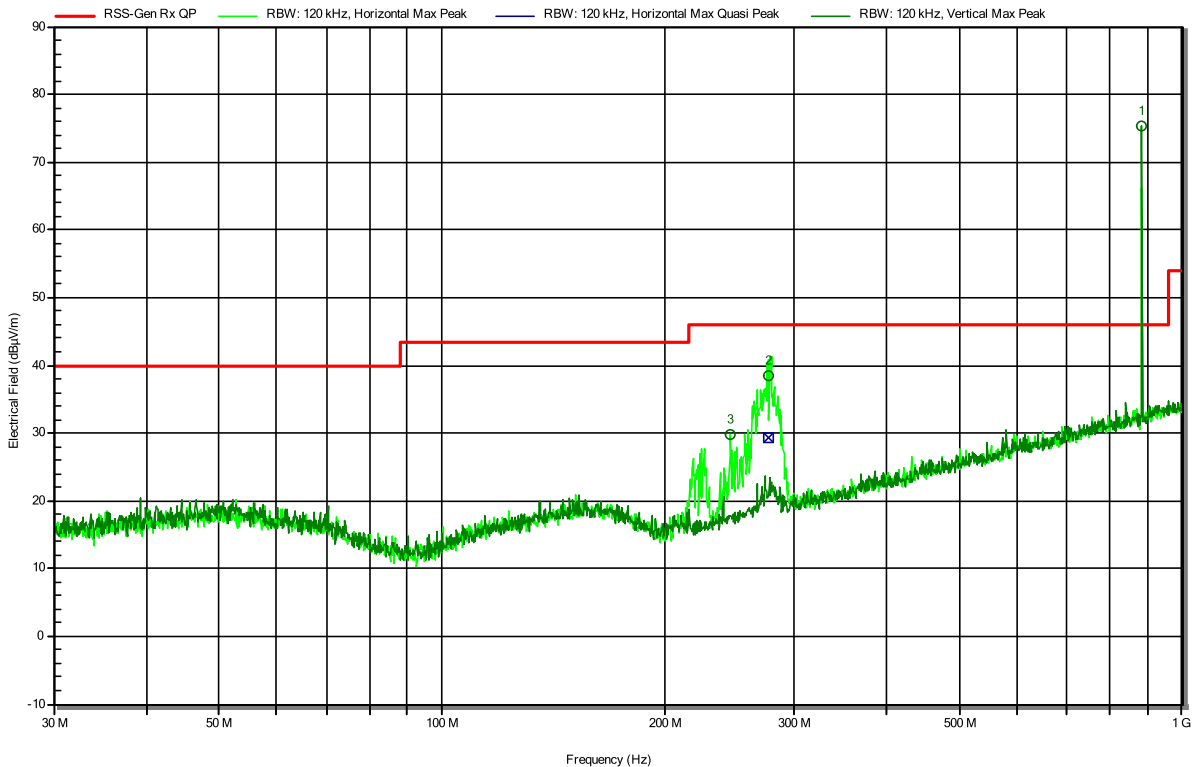
ANNEX B Receiver radiated emissions

Radiated Spurious Emissions according to RSS-Gen Issue 5

Project Number: G0M-2304-2019
 Applicant: Eurofins Electric & Electronics Finland Oy
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Offorji
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 20 °Celsius, Vnom: 7.2 VDC (battery)
 Antenna: Schwarzbeck VULB 9168
 Measurement distance: 3 m
 Mode: Rx; LTE FDD 5, 881.5 MHz (Channel 2525), 15 kHz Bandwidth, Subcarriers 12 , Start SC 0
 Test Date: 2023-05-10
 Note: Marker 1 = Downlink carrier

Index 14

RadiMation



Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
245.7037 MHz	29.7 dBµV/m	46 dBµV/m	-16.33 dB	Pass	Horizontal
881.5145 MHz	75.3 dBµV/m	---	---	Downlink Carrier	Vertical
Frequency	Quasi-Peak	Quasi-Peak Limit	Quasi-Peak Difference	Quasi-Peak Status	Polarization
277.1658 MHz	29.4 dBµV/m	46 dBµV/m	-16.62 dB	Pass	Horizontal

Test Report No.: G0M-2304-2019-TFCMOCORSE-V02

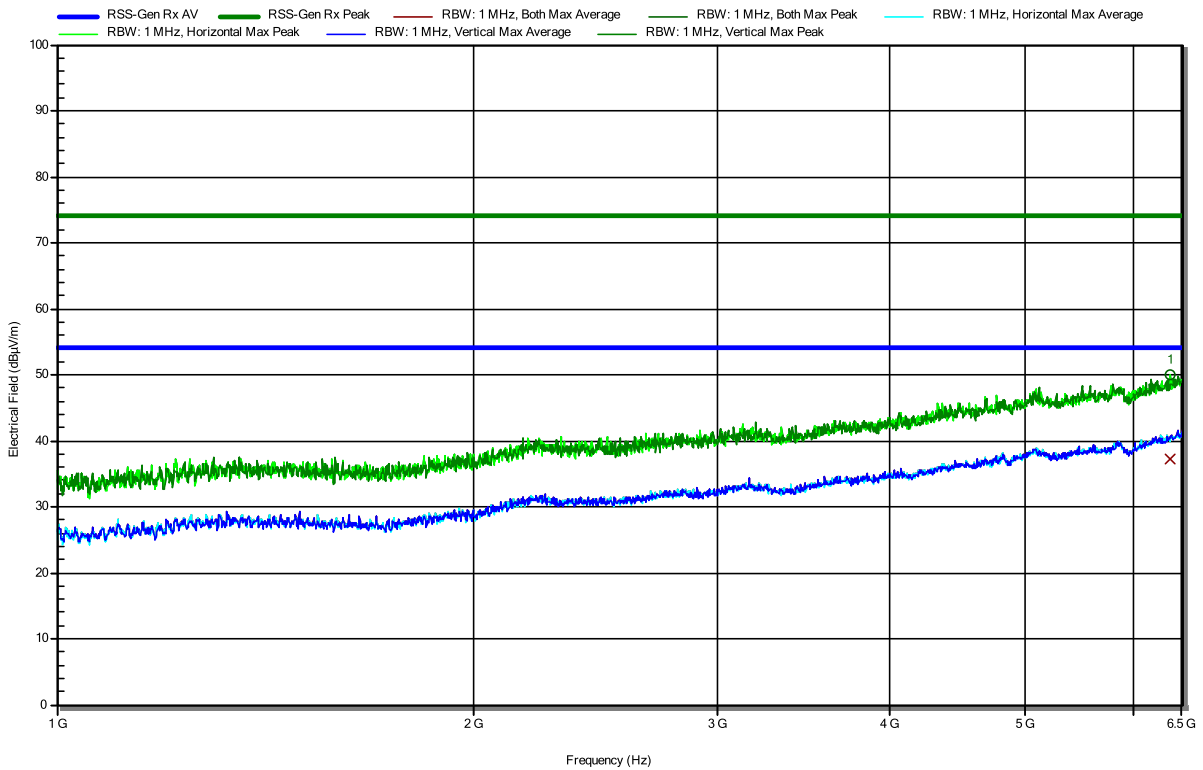
Eurofins Product Service GmbH
 Storkower Str. 38c, D-15526 Reichenwalde, Germany

Radiated Spurious Emissions according to RSS-Gen Issue 5

Project Number: G0M-2304-2019
 Applicant: Eurofins Electric & Electronics Finland Oy
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Offorji
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 20 °Celsius, Vnom: 7.2 VDC (battery)
 Antenna: Schwarzbeck BBHA 9120D
 Measurement distance: 3 m
 Mode: Rx; LTE FDD 5, 881.5 MHz (Channel 2525), 15 kHz Bandwidth, Subcarriers 12 , Start SC 0
 Test Date: 2023-05-10
 Note:

Index 5

RadiMation



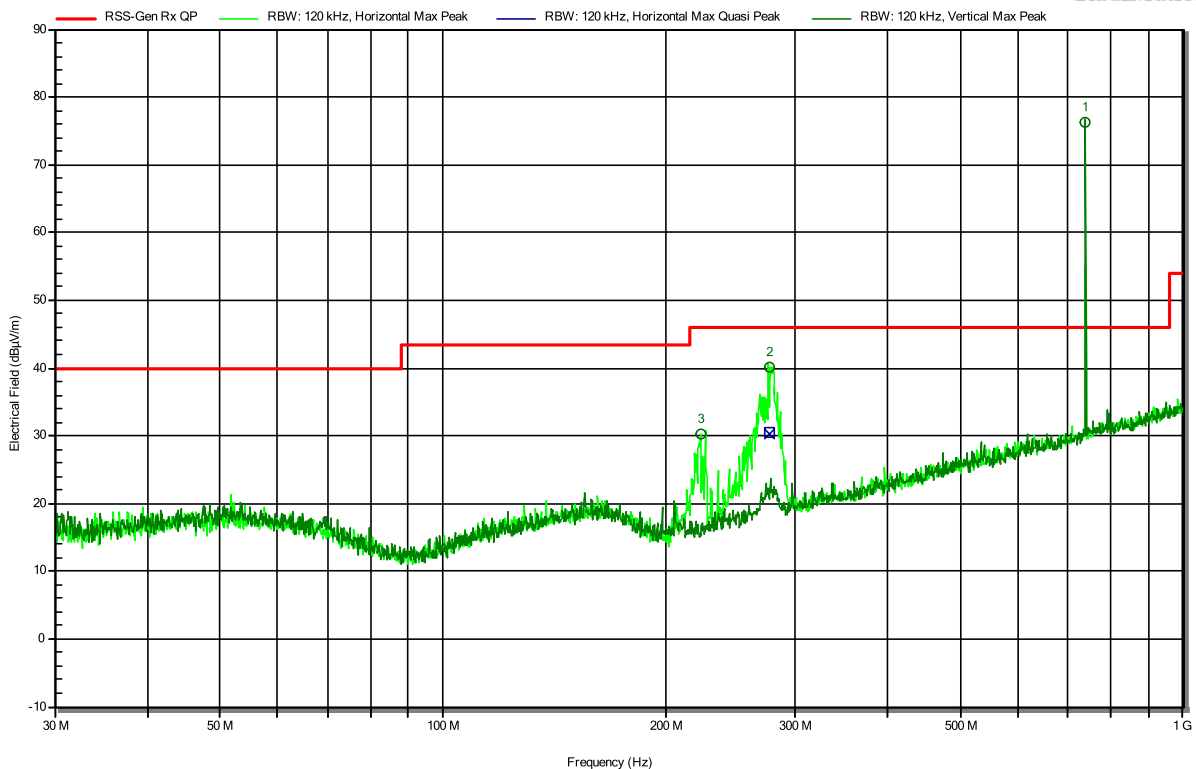
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
6.373 GHz	50.05 dBµV/m	74 dBµV/m	-23.95 dB	Pass	Horizontal

Radiated Spurious Emissions according to RSS-Gen Issue 5

Project Number: G0M-2304-2019
 Applicant: Eurofins Electric & Electronics Finland Oy
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Offorji
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 20 °Celsius, Vnom: 7.2 VDC (battery)
 Antenna: Schwarzbeck VULB 9168
 Measurement distance: 3 m
 Mode: Rx; LTE FDD 12, 737.5 MHz (Channel 5095), 15 kHz Bandwidth, Subcarriers 12 , Start SC 0
 Test Date: 2023-05-10
 Note: Marker 1 = Downlink Carrier

Index 17

RadiMation



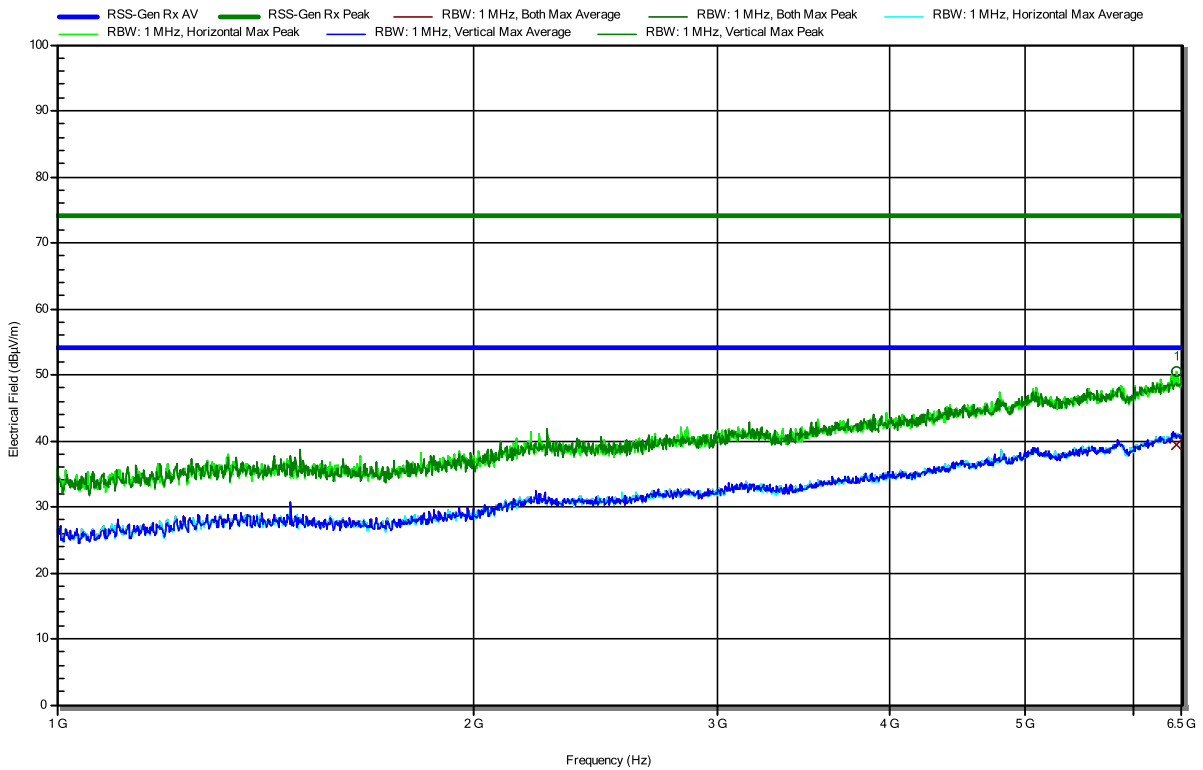
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
223.0057 MHz	30.3 dBµV/m	46 dBµV/m	-15.67 dB	Pass	Horizontal
737.4695 MHz	76.4 dBµV/m	---	---	Downlink Carrier	Vertical
Frequency	Quasi-Peak	Quasi-Peak Limit	Quasi-Peak Difference	Quasi-Peak Status	Polarization
276.7394 MHz	30.6 dBµV/m	46 dBµV/m	-15.43 dB	Pass	Horizontal

Radiated Spurious Emissions according to RSS-Gen Issue 5

Project Number: G0M-2304-2019
 Applicant: Eurofins Electric & Electronics Finland Oy
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Offorji
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 20 °Celsius, Vnom: 7.2 VDC (battery)
 Antenna: Schwarzbeck BBHA 9120D
 Measurement distance: 3 m
 Mode: Rx; LTE FDD 12, 737.5 MHz (Channel 5095), 15 kHz Bandwidth, Subcarriers 12 , Start SC 0
 Test Date: 2023-05-10
 Note:

Index 6

RadiMation



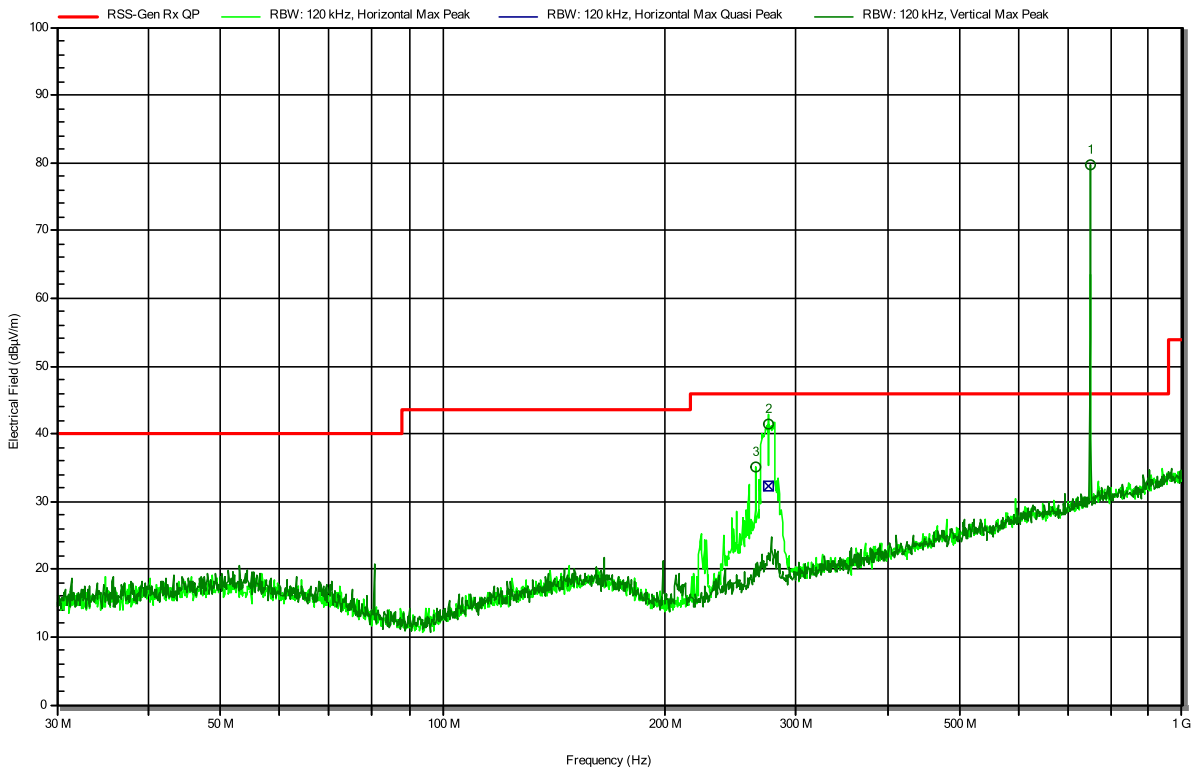
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
6.44 GHz	50.49 dBµV/m	74 dBµV/m	-23.51 dB	Pass	Horizontal

Radiated Spurious Emissions according to RSS-Gen Issue 5

Project Number: G0M-2304-2019
 Applicant: Eurofins Electric & Electronics Finland Oy
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Offorji
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 20 °Celsius, Vnom: 7.2 VDC (battery)
 Antenna: Schwarzbeck VULB 9168
 Measurement distance: 3 m
 Mode: Rx; LTE FDD 13, 751.0 MHz (Channel 5230), 15 kHz Bandwidth, Subcarriers 12 , Start SC 0
 Test Date: 2023-05-10
 Note: Marker 1 = Downlink Carrier

Index 12

RadiMation



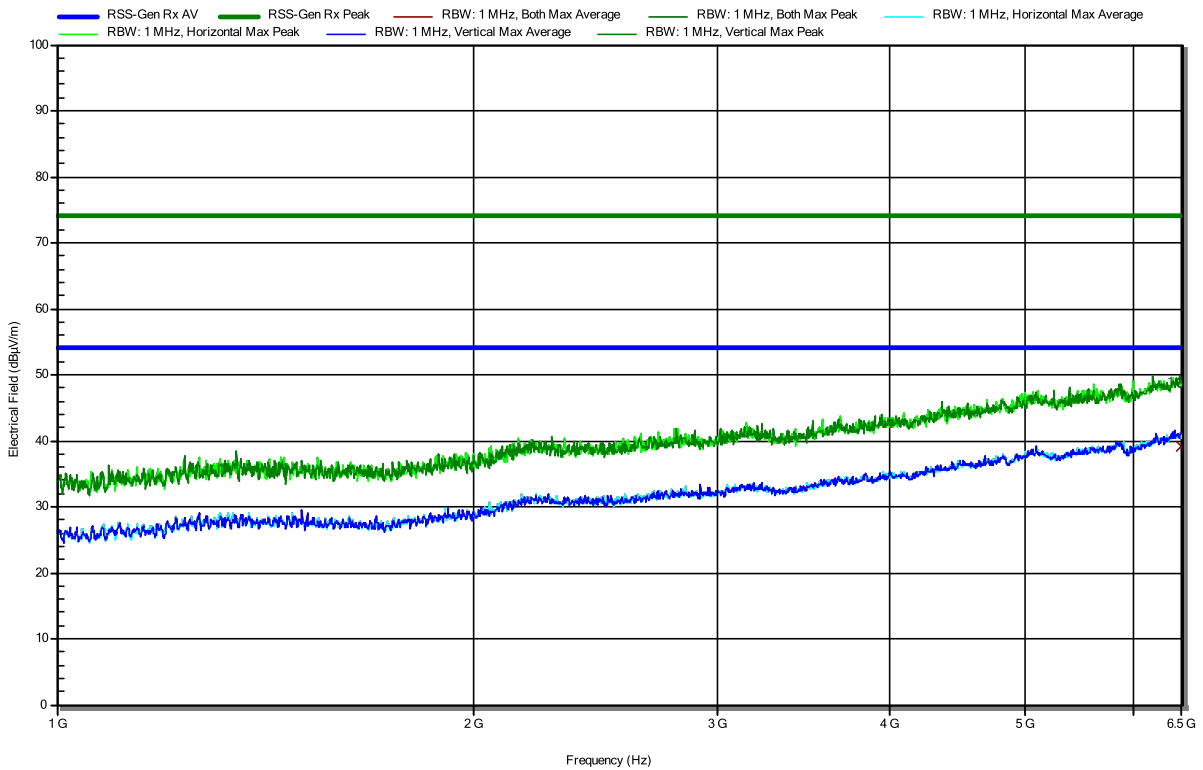
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
264.74 MHz	35.1 dBµV/m	46 dBµV/m	-10.92 dB	Pass	Horizontal
750.9768 MHz	79.7 dBµV/m	---	---	Downlink Carrier	Vertical
Frequency	Quasi-Peak	Quasi-Peak Limit	Quasi-Peak Difference	Quasi-Peak Status	Polarization
275.3029 MHz	32.3 dBµV/m	46 dBµV/m	-13.65 dB	Pass	Horizontal

Radiated Spurious Emissions according to RSS-Gen Issue 5

Project Number: G0M-2304-2019
 Applicant: Eurofins Electric & Electronics Finland Oy
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Offorji
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 20 °Celsius, Vnom: 7.2 VDC (battery)
 Antenna: Schwarzbeck BBHA 9120D
 Measurement distance: 3 m
 Mode: Rx; LTE FDD 13, 751.0 MHz (Channel 5230), 15 kHz Bandwidth, Subcarriers 12 , Start SC 0
 Test Date: 2023-05-10
 Note:

Index 1

RadiMation



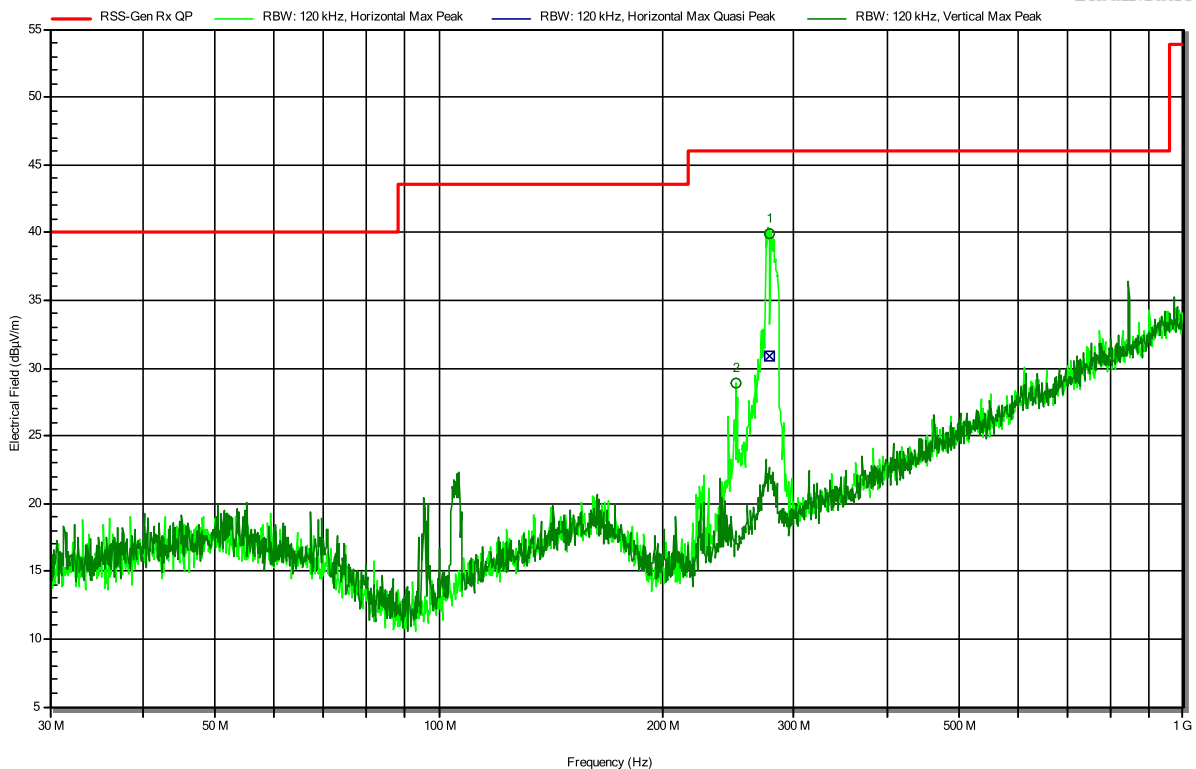
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
6.489 GHz	48.9 dBµV/m	74 dBµV/m	-25.1 dB	Pass	Horizontal

Radiated Spurious Emissions according to RSS-Gen Issue 5

Project Number: G0M-2304-2019
 Applicant: Eurofins Electric & Electronics Finland Oy
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Offorji
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 20 °Celsius, Vnom: 7.2 VDC (battery)
 Antenna: Schwarzbeck VULB 9168
 Measurement distance: 3 m
 Mode: Rx; LTE FDD 25, 1962.5 MHz (Channel 8365), 15 kHz Bandwidth, Subcarriers 12, Start SC 0
 Test Date: 2023-05-10
 Note:

Index 11

RadiMation



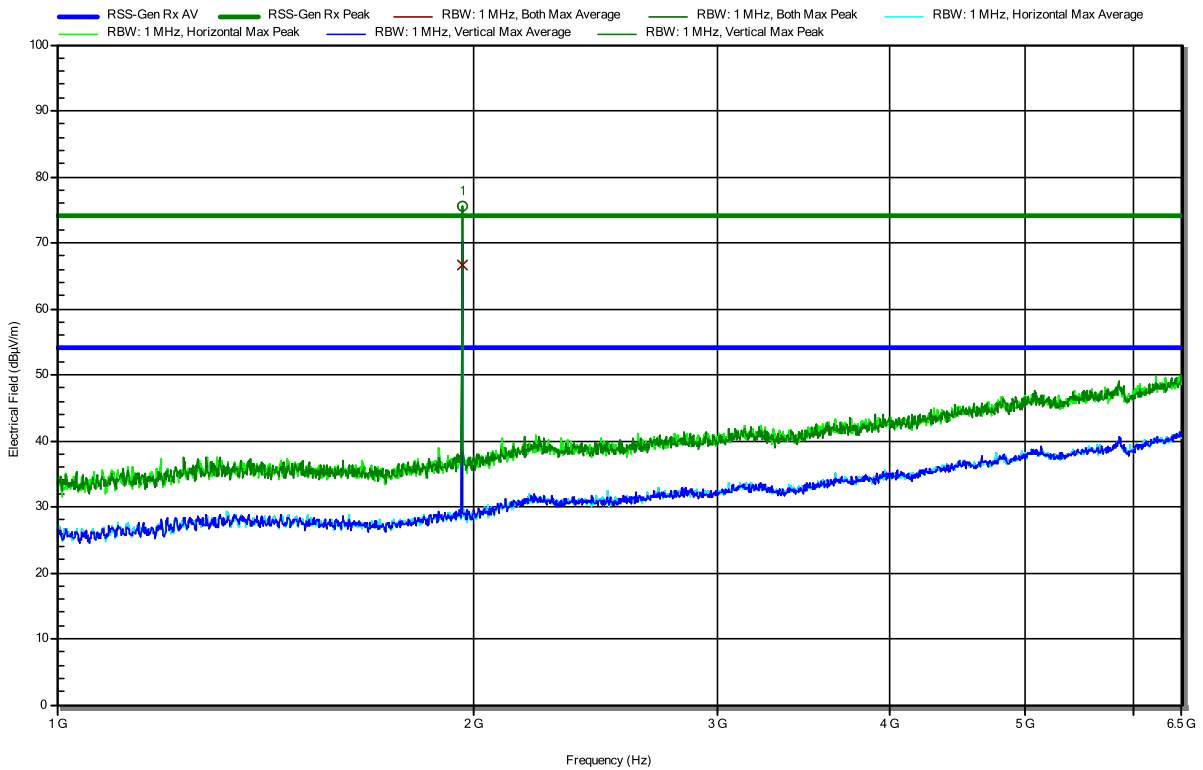
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
250.6265 MHz	28.9 dBµV/m	46 dBµV/m	-17.12 dB	Pass	Horizontal
Frequency	Quasi-Peak	Quasi-Peak Limit	Quasi-Peak Difference	Quasi-Peak Status	Polarization
278.3831 MHz	30.9 dBµV/m	46 dBµV/m	-15.14 dB	Pass	Horizontal

Radiated Spurious Emissions according to RSS-Gen Issue 5

Project Number: G0M-2304-2019
 Applicant: Eurofins Electric & Electronics Finland Oy
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Offorji
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 20 °Celsius, Vnom: 7.2 VDC (battery)
 Antenna: Schwarzbeck BBHA 9120D
 Measurement distance: 3 m
 Mode: Rx; LTE FDD 25, 1962.5 MHz (Channel 8365), 15 kHz Bandwidth, Subcarriers 12, Start SC 0
 Test Date: 2023-05-10
 Note: Marker 1 = Downlink Carrier

Index 2

RadiMation



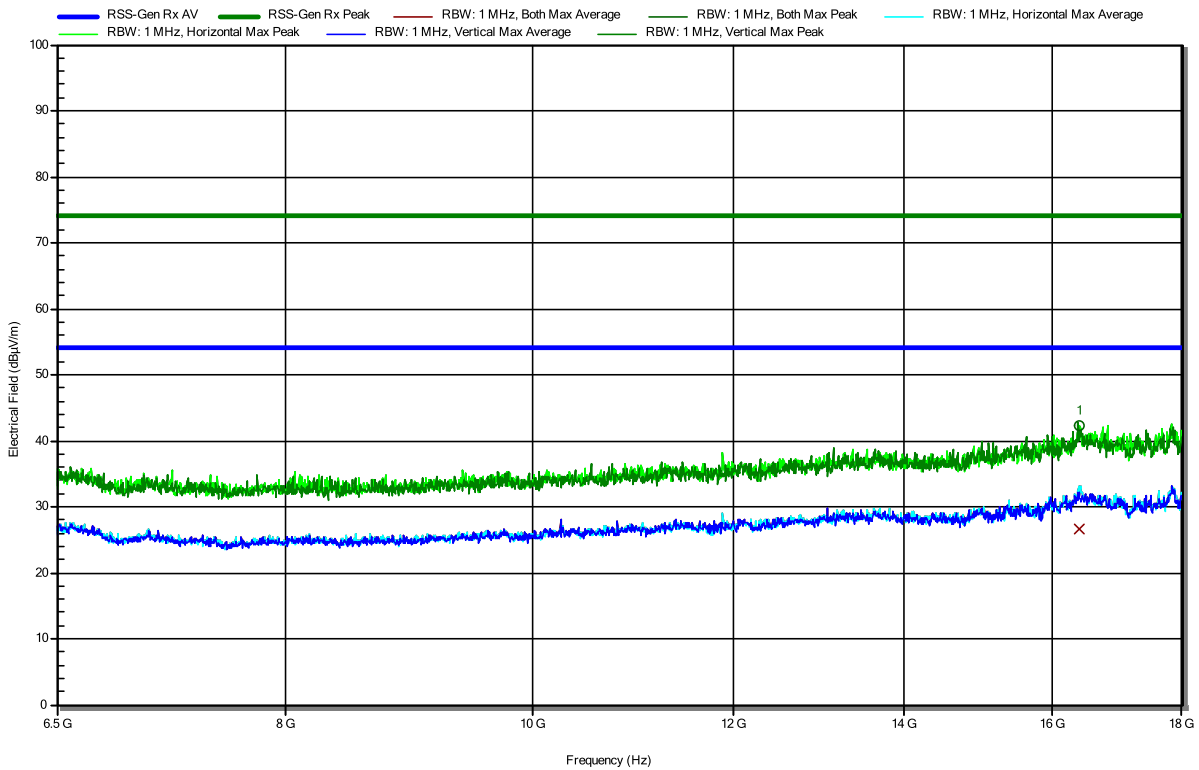
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
1.963 GHz	75.54 dBµV/m	---	---	Downlink Carrier	Vertical

Radiated Spurious Emissions according to RSS-Gen Issue 5

Project Number: G0M-2304-2019
 Applicant: Eurofins Electric & Electronics Finland Oy
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Offorji
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 20 °Celsius, Vnom: 7.2 VDC (battery)
 Antenna: Schwarzbeck HWRD 650
 Measurement distance: 3 m
 Mode: Rx; LTE FDD 25, 1962.5 MHz (Channel 8365), 15 kHz Bandwidth, Subcarriers 12, Start SC 0
 Test Date: 2023-05-10
 Note:

Index 7

RadiMation



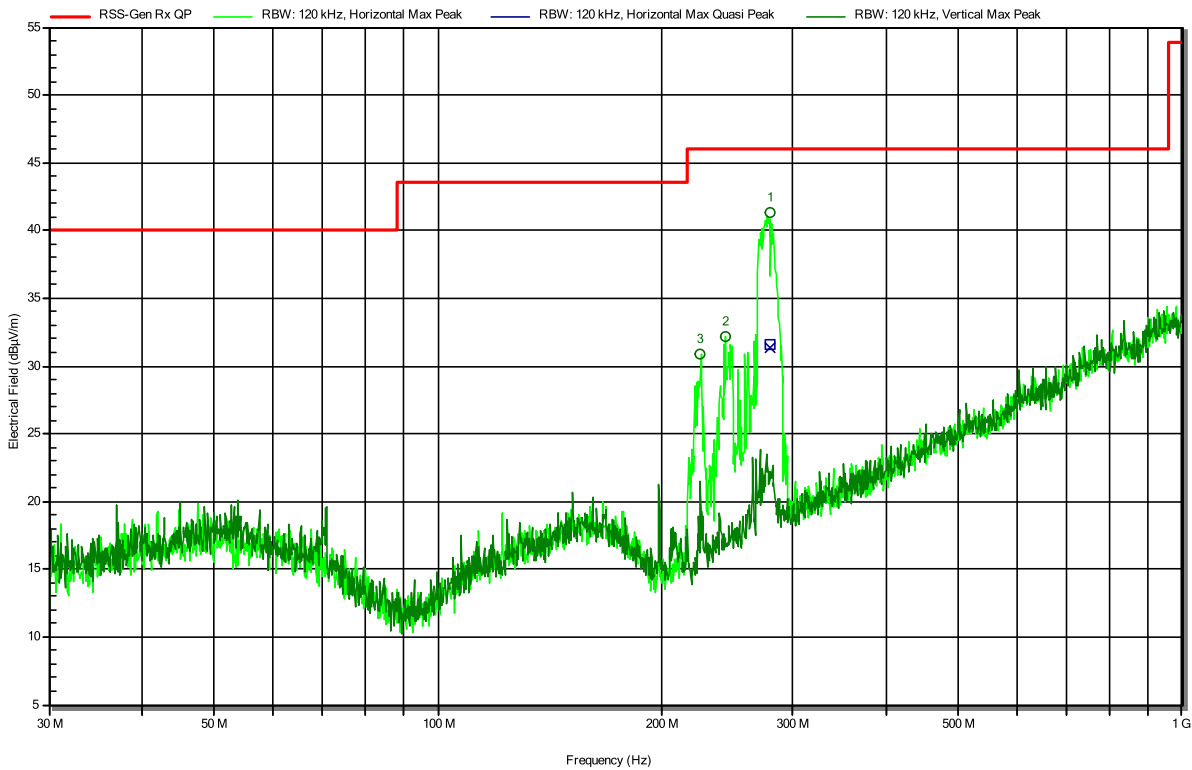
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
16.411 GHz	42.22 dBµV/m	74 dBµV/m	-31.78 dB	Pass	Horizontal

Radiated Spurious Emissions according to RSS-Gen Issue 5

Project Number: G0M-2304-2019
 Applicant: Eurofins Electric & Electronics Finland Oy
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Offorji
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 20 °Celsius, Vnom: 7.2 VDC (battery)
 Antenna: Schwarzbeck VULB 9168
 Measurement distance: 3 m
 Mode: Rx; LTE FDD 66, 2145.0 MHz (Channel 66786), 15 kHz Bandwidth, Subcarriers 12, Start SC 0
 Test Date: 2023-05-10
 Note:

Index 10

RadiMation



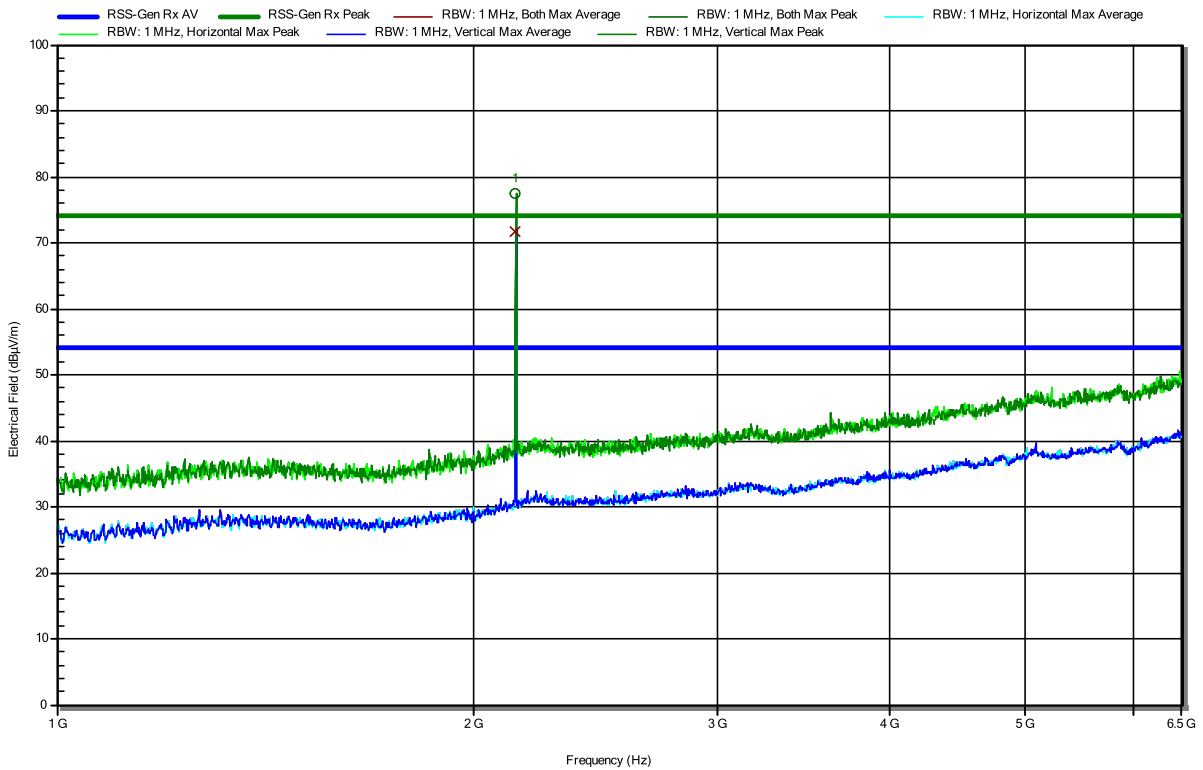
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
225.2367 MHz	30.9 dBµV/m	46 dBµV/m	-15.14 dB	Pass	Horizontal
243.1575 MHz	32.2 dBµV/m	46 dBµV/m	-13.79 dB	Pass	Horizontal
Frequency	Quasi-Peak	Quasi-Peak Limit	Quasi-Peak Difference	Quasi-Peak Status	Polarization
280.1288 MHz	31.6 dBµV/m	46 dBµV/m	-14.36 dB	Pass	Horizontal

Radiated Spurious Emissions according to RSS-Gen Issue 5

Project Number: G0M-2304-2019
 Applicant: Eurofins Electric & Electronics Finland Oy
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Offorji
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 20 °Celsius, Vnom: 7.2 VDC (battery)
 Antenna: Schwarzbeck BBHA 9120D
 Measurement distance: 3 m
 Mode: Rx; LTE FDD 66, 2145.0 MHz (Channel 66786), 15 kHz Bandwidth, Subcarriers 12 , Start SC 0
 Test Date: 2023-05-10
 Note: Marker 1 = Downlink carrier

Index 3

RadiMation



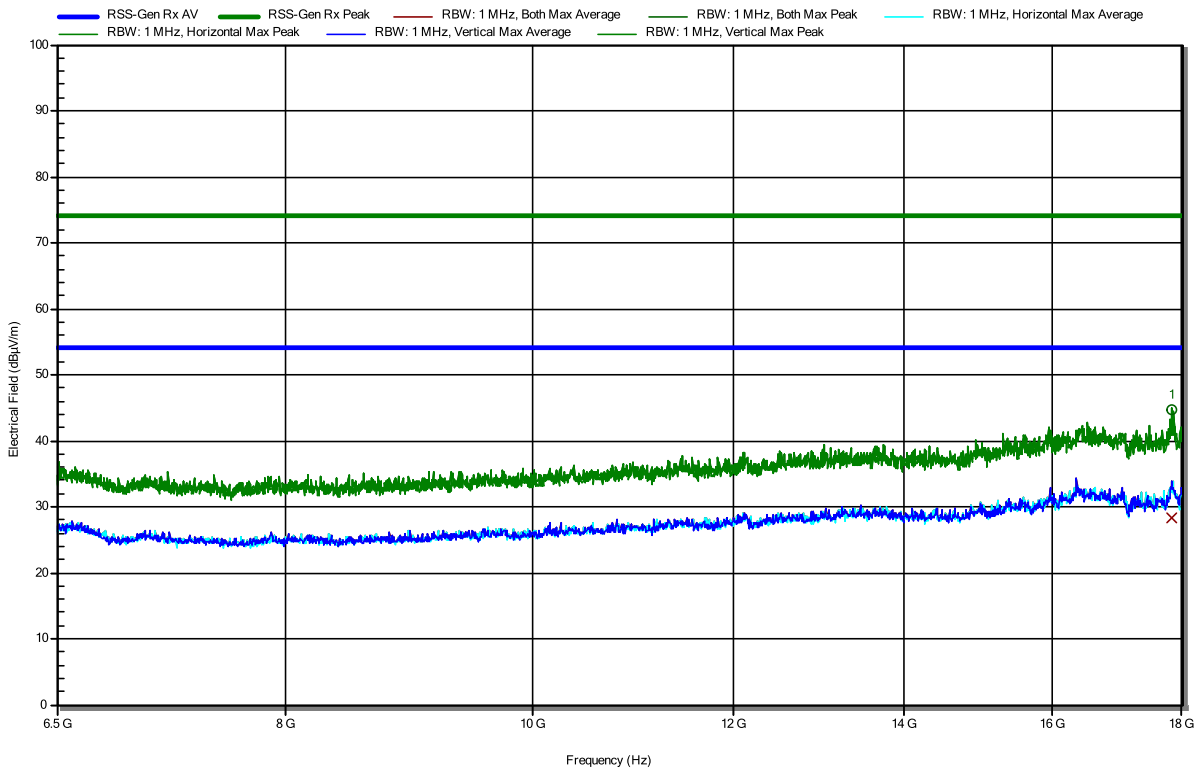
Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
2.145 GHz	77.55 dBµV/m	---	---	Downlink Carrier	Vertical

Radiated Spurious Emissions according to RSS-Gen Issue 5

Project Number: G0M-2304-2019
 Applicant: Eurofins Electric & Electronics Finland Oy
 Model Description: TempCast FMP100
 Model: FMP103
 Test Sample ID: 44032
 Test Site: Eurofins Product Service GmbH
 Operator: Mr. Offorji
 Measurement software: RadiMation, version 2020.1.8
 Test Conditions: Tnom: 20 °Celsius, Vnom: 7.2 VDC (battery)
 Antenna: Schwarzbeck HWRD 650
 Measurement distance: 3 m
 Mode: Rx; LTE FDD 66, 2145.0 MHz (Channel 66786), 15 kHz Bandwidth, Subcarriers 12, Start SC 0
 Test Date: 2023-05-10
 Note:

Index 8

RadiMation



Frequency	Peak	Peak Limit	Peak Difference	Peak Status	Polarization
17.821 GHz	44.78 dBµV/m	74 dBµV/m	-29.22 dB	Pass	Vertical

=== END OF TEST REPORT ===