

Appendix Test Data

Report No.:	1812C60000612501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-01-06	Finish Test Date:	2026-01-08
Test Engineer:	<i>Alex Peng</i>	Auditor:	<i>Justin Feng</i>
Temperature:	18.6°C	Relative Humidity:	43%
Pressure:	101kPa		

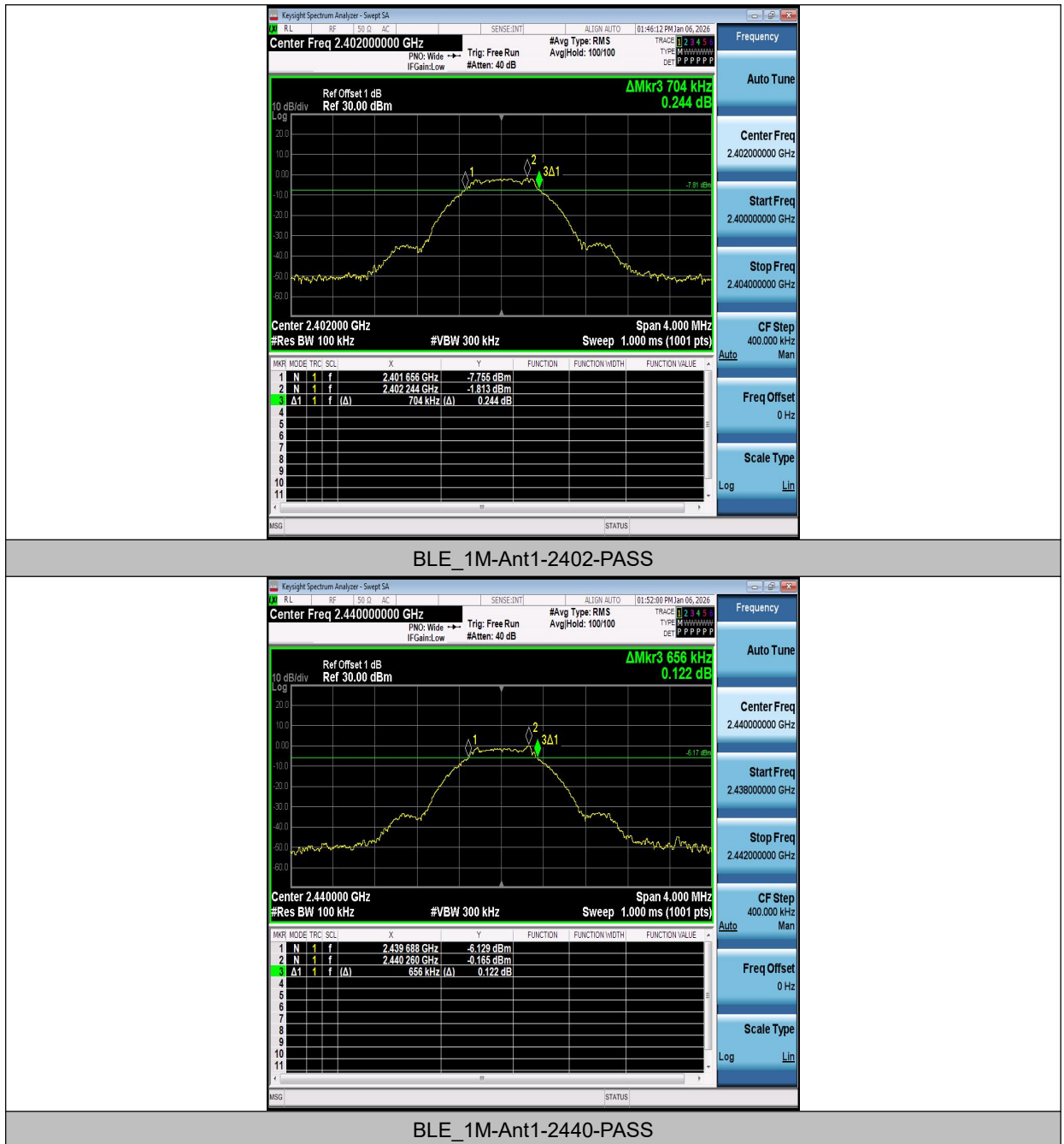


Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.704	2401.656	2402.360	0.5	PASS
BLE_1M	Ant1	2440	0.656	2439.688	2440.344	0.5	PASS
BLE_1M	Ant1	2480	0.696	2479.660	2480.356	0.5	PASS

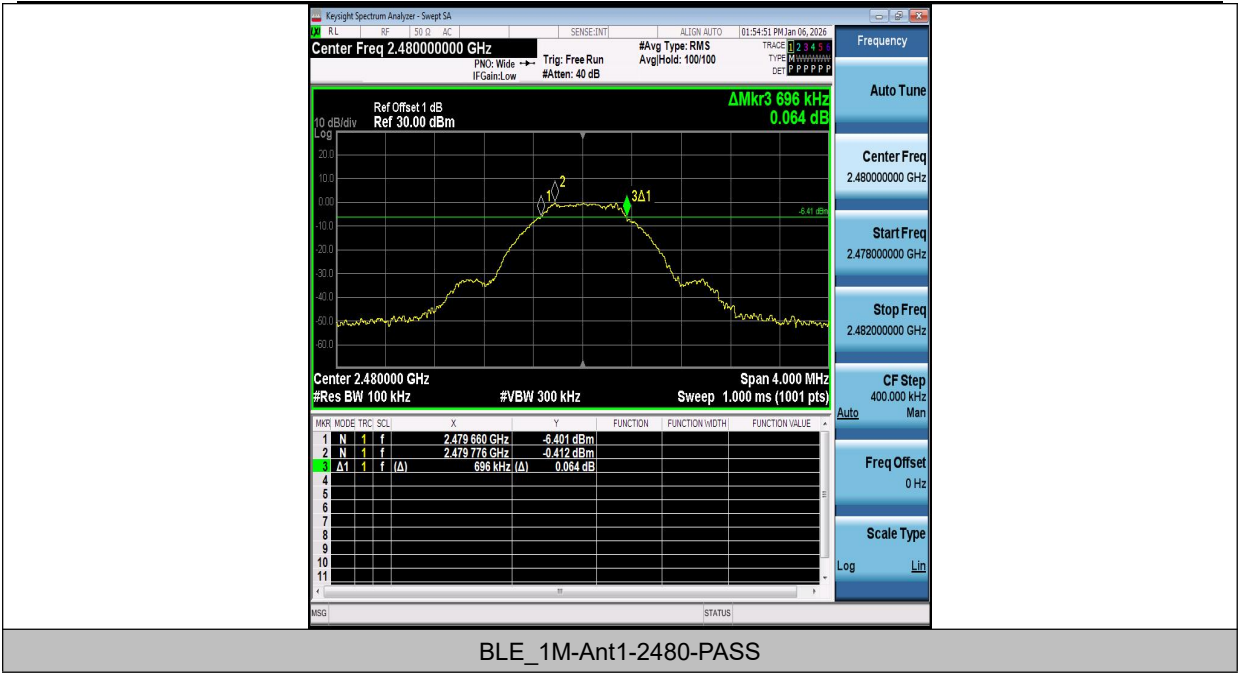
Test Graphs



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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0214	2401.5049	2402.5263	---	---
BLE_1M	Ant1	2440	1.0248	2439.5028	2440.5276	---	---
BLE_1M	Ant1	2480	1.0293	2479.5002	2480.5295	---	---

Test Graphs



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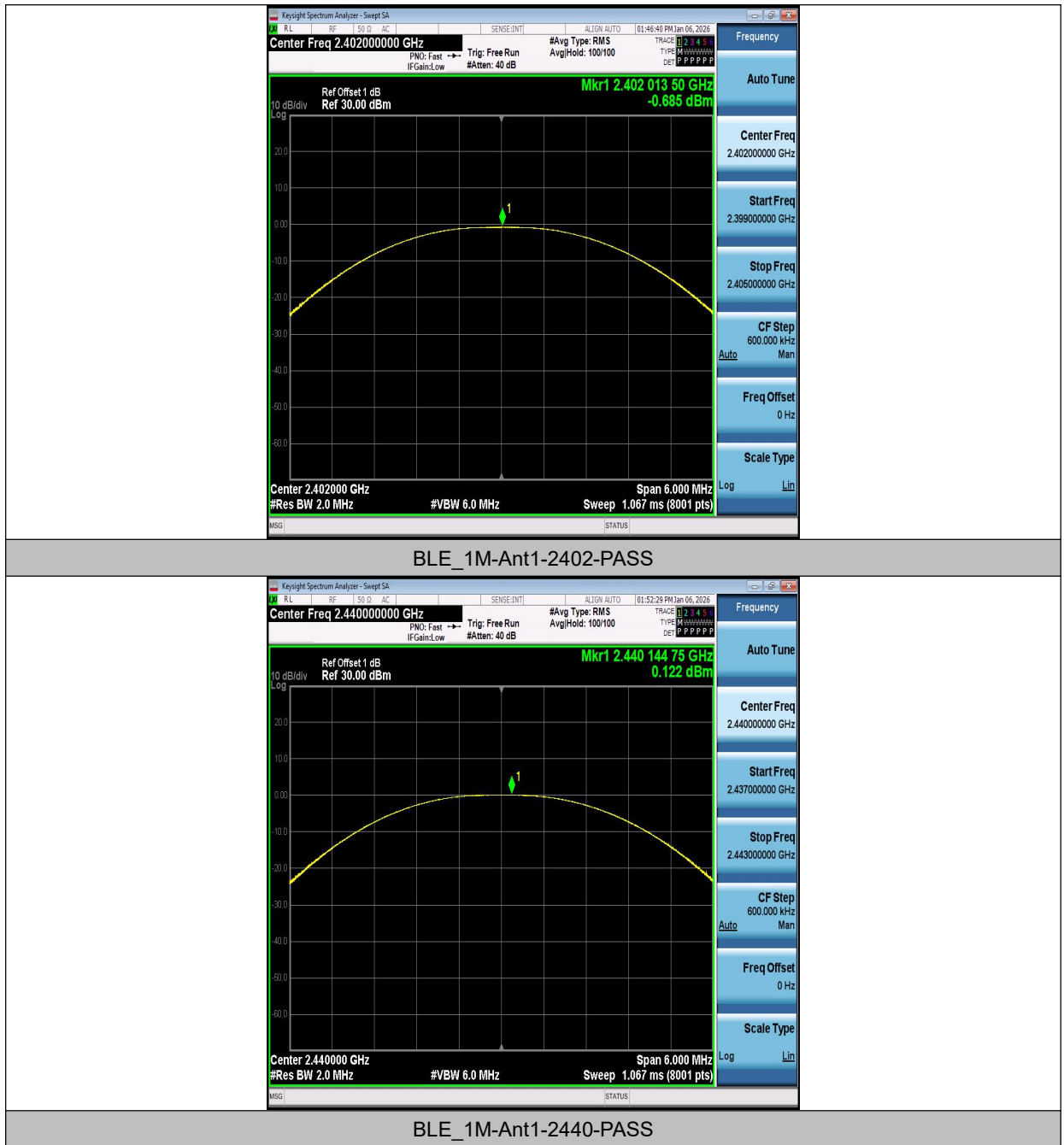
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Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-0.69	≤30	PASS
BLE_1M	Ant1	2440	0.12	≤30	PASS
BLE_1M	Ant1	2480	0.73	≤30	PASS

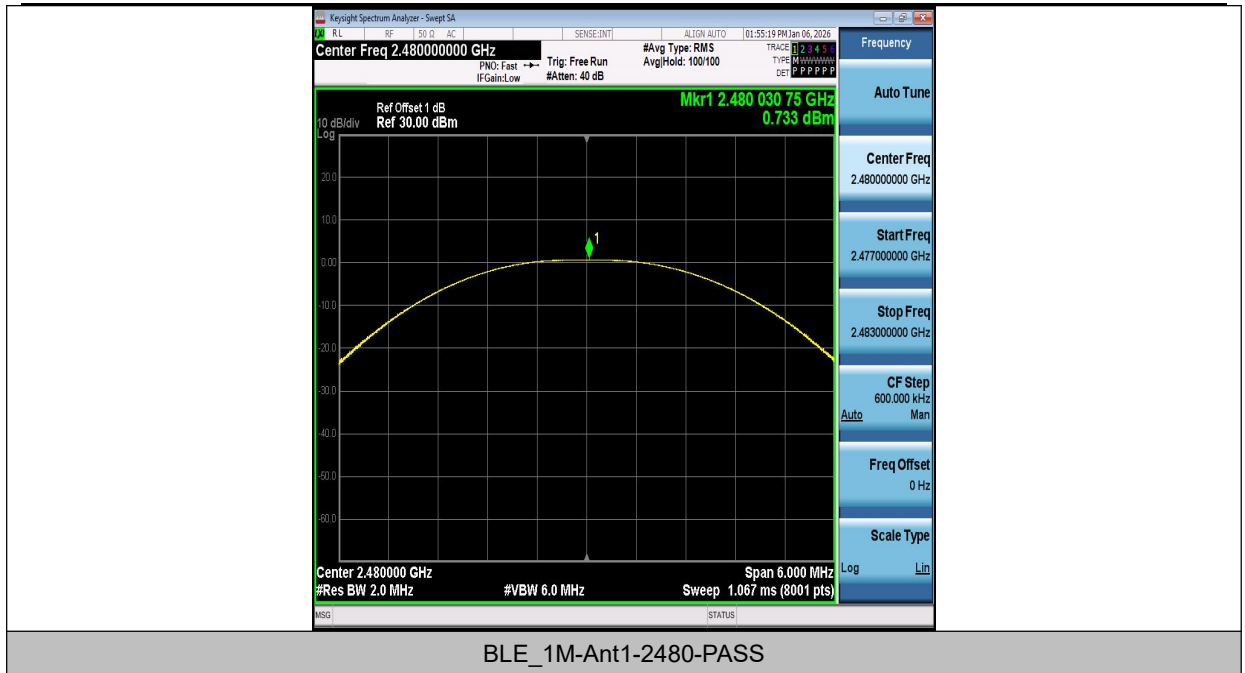
Test Graphs Peak



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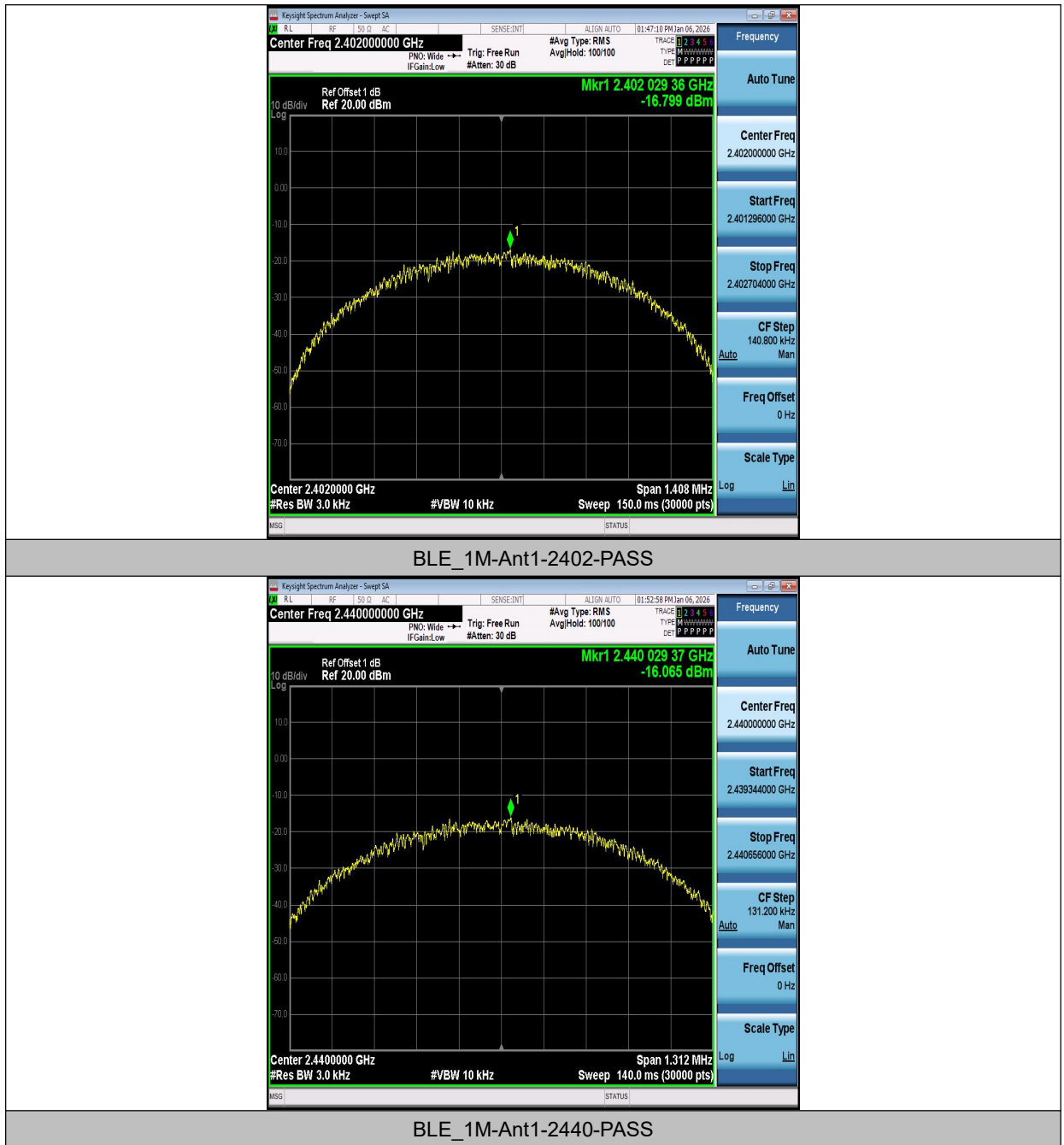
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-16.80	≤8.00	PASS
BLE_1M	Ant1	2440	-16.07	≤8.00	PASS
BLE_1M	Ant1	2480	-15.37	≤8.00	PASS

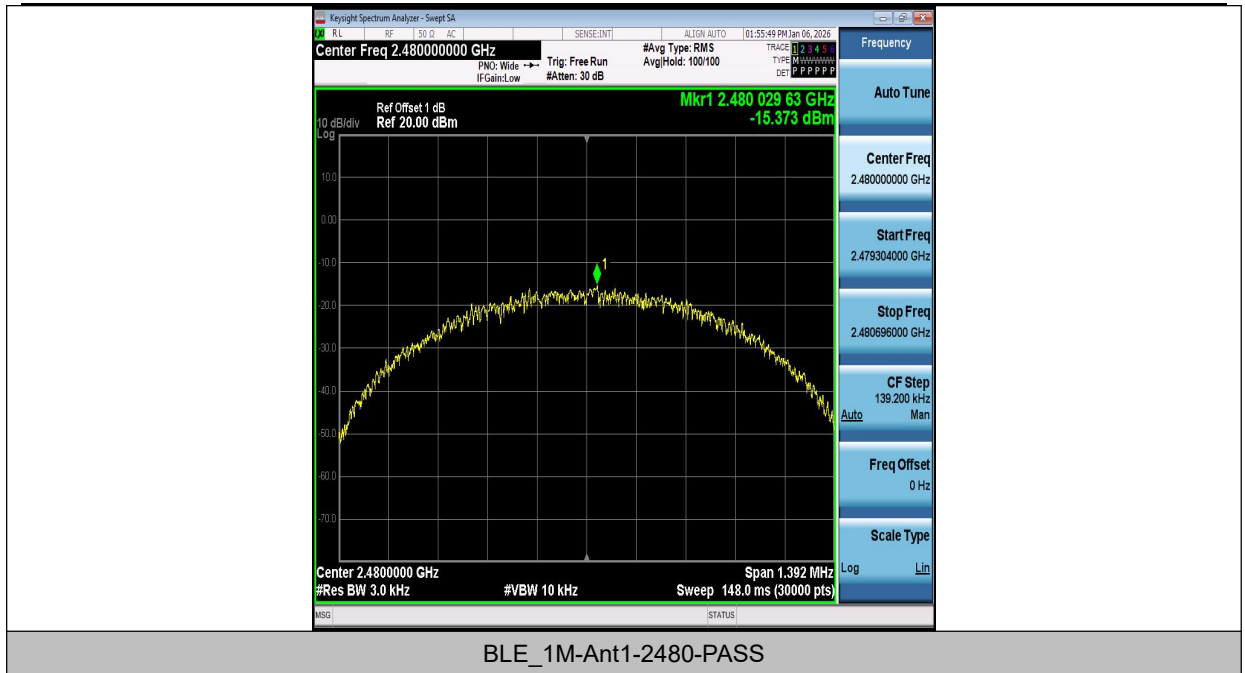
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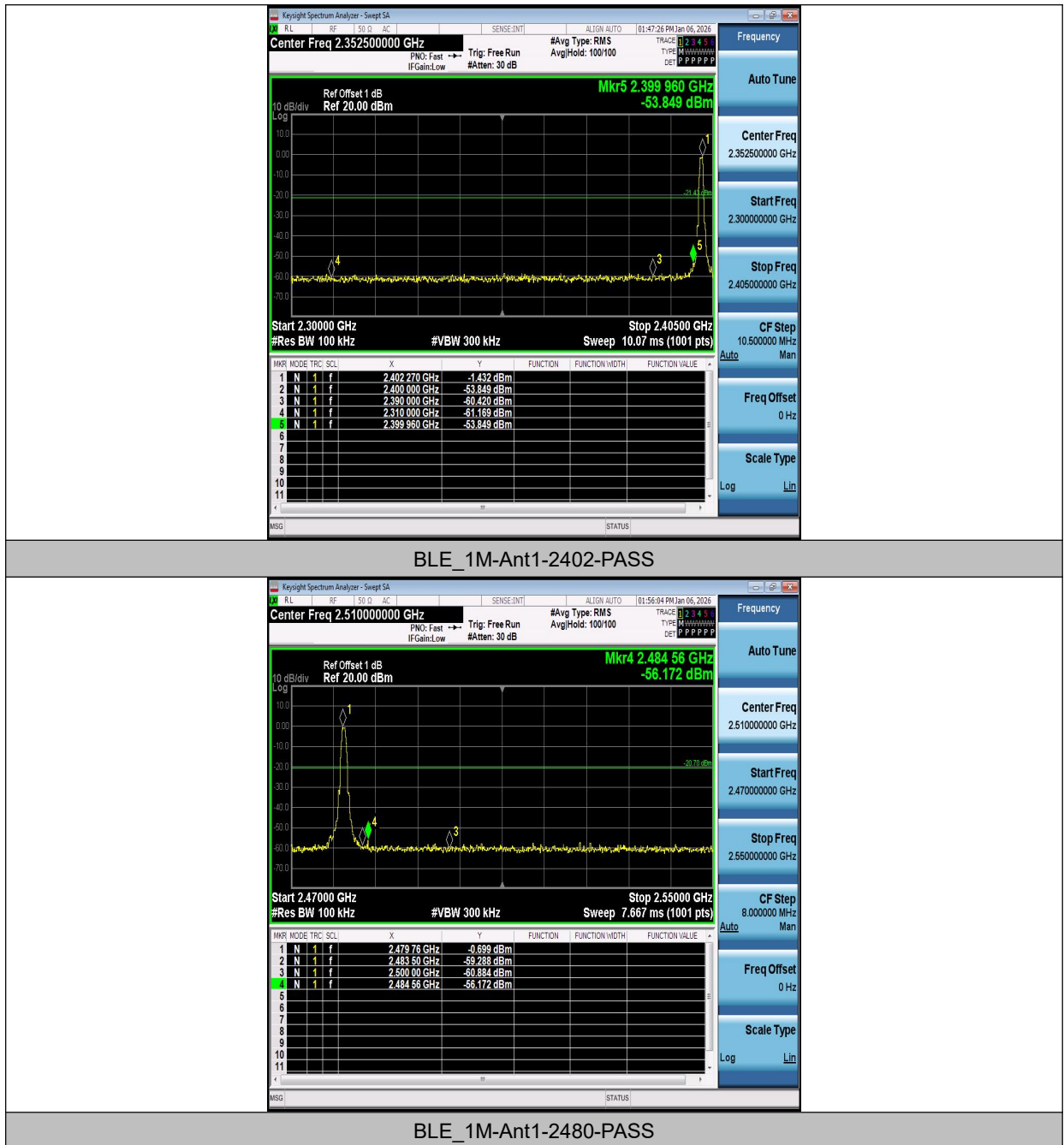
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-1.43	-53.85	≤-21.43	PASS
BLE_1M	Ant1	High	2480	-0.70	-56.17	≤-20.7	PASS

Test Graphs



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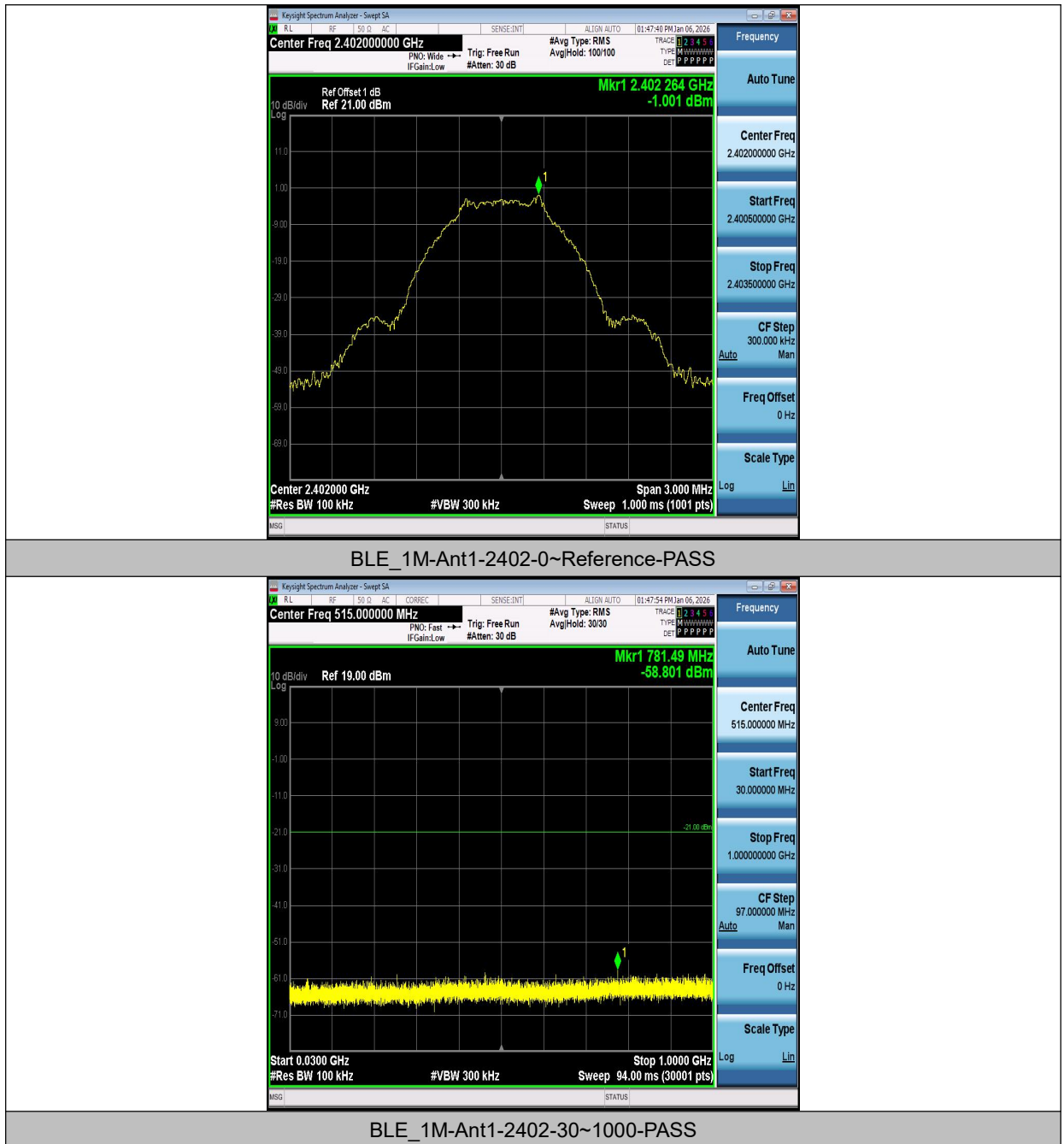
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-1.00	-1.00	---	PASS
BLE_1M	Ant1	2402	30~1000	-1.00	-58.8	≤-21	PASS
BLE_1M	Ant1	2402	1000~26500	-1.00	-48.37	≤-21	PASS
BLE_1M	Ant1	2440	0~Reference	-0.22	-0.22	---	PASS
BLE_1M	Ant1	2440	30~1000	-0.22	-58.59	≤-20.22	PASS
BLE_1M	Ant1	2440	1000~26500	-0.22	-46.73	≤-20.22	PASS
BLE_1M	Ant1	2480	0~Reference	0.25	0.25	---	PASS
BLE_1M	Ant1	2480	30~1000	0.25	-58.81	≤-19.75	PASS
BLE_1M	Ant1	2480	1000~26500	0.25	-49.25	≤-19.75	PASS

Remark:Regarding the spurious emissions from 30MHz to 26.5GHz, the cable loss have been set in the 'Input Correction' of the Spectrum Analyzer during the test.

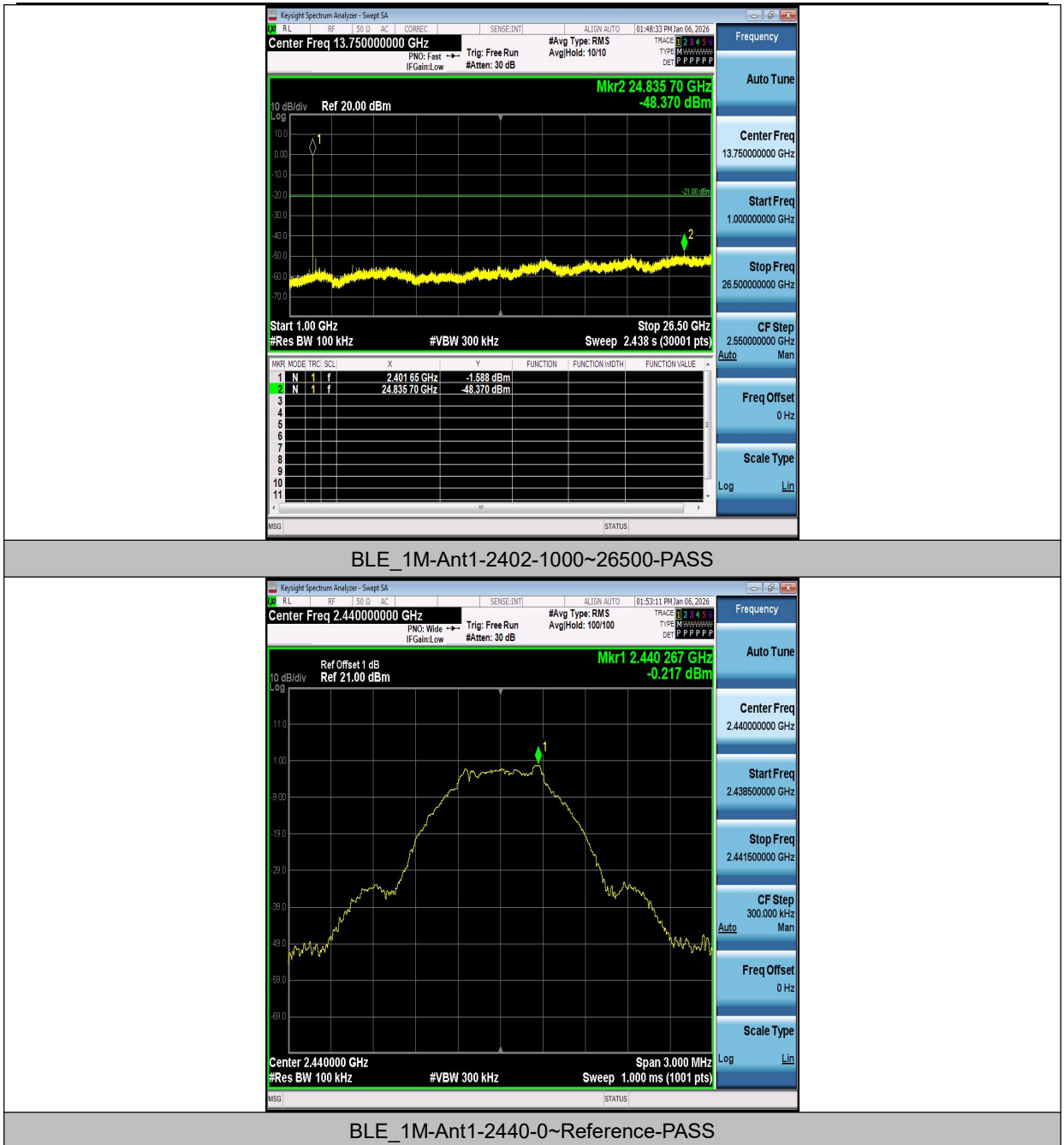
Test Graphs



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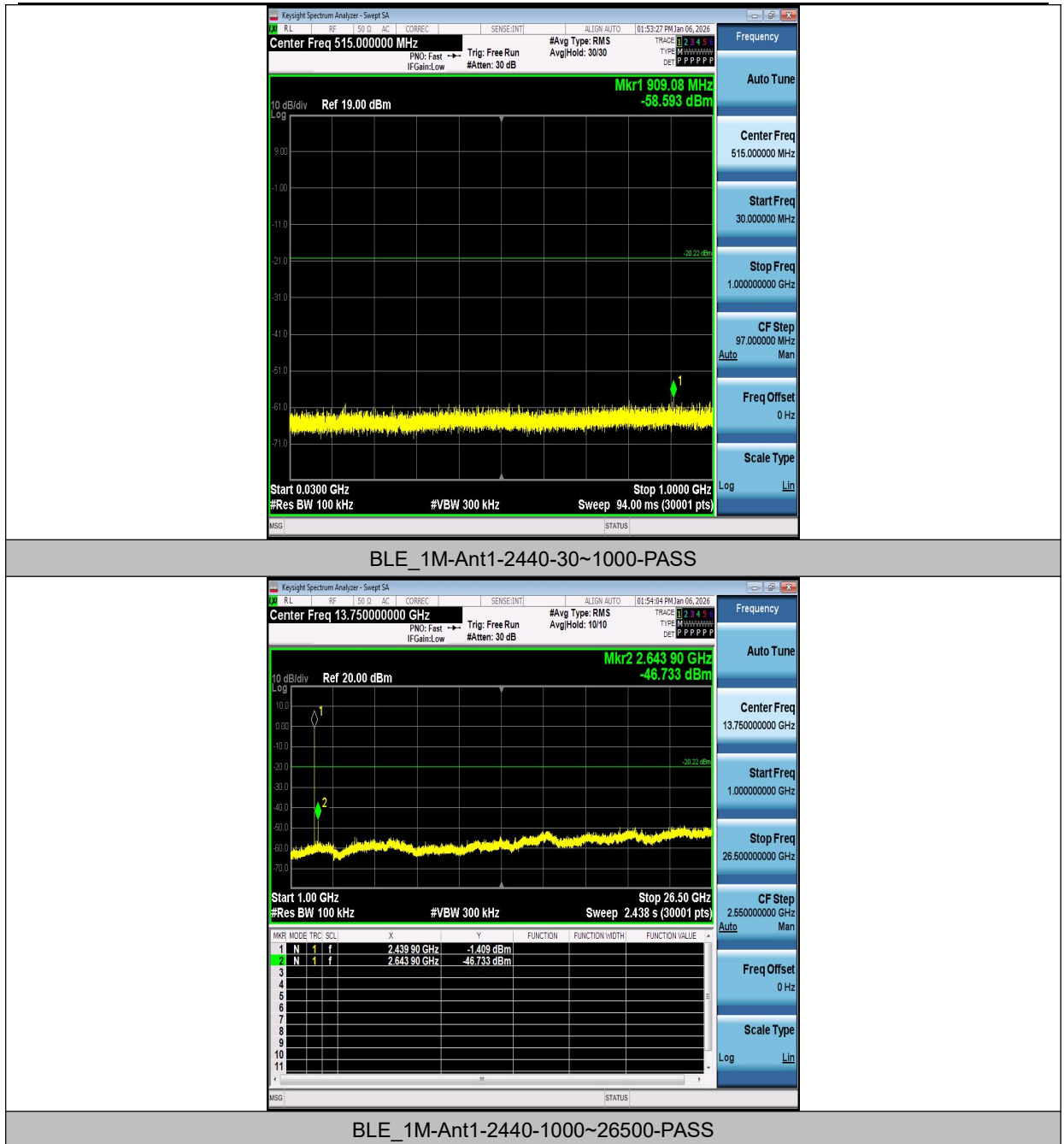
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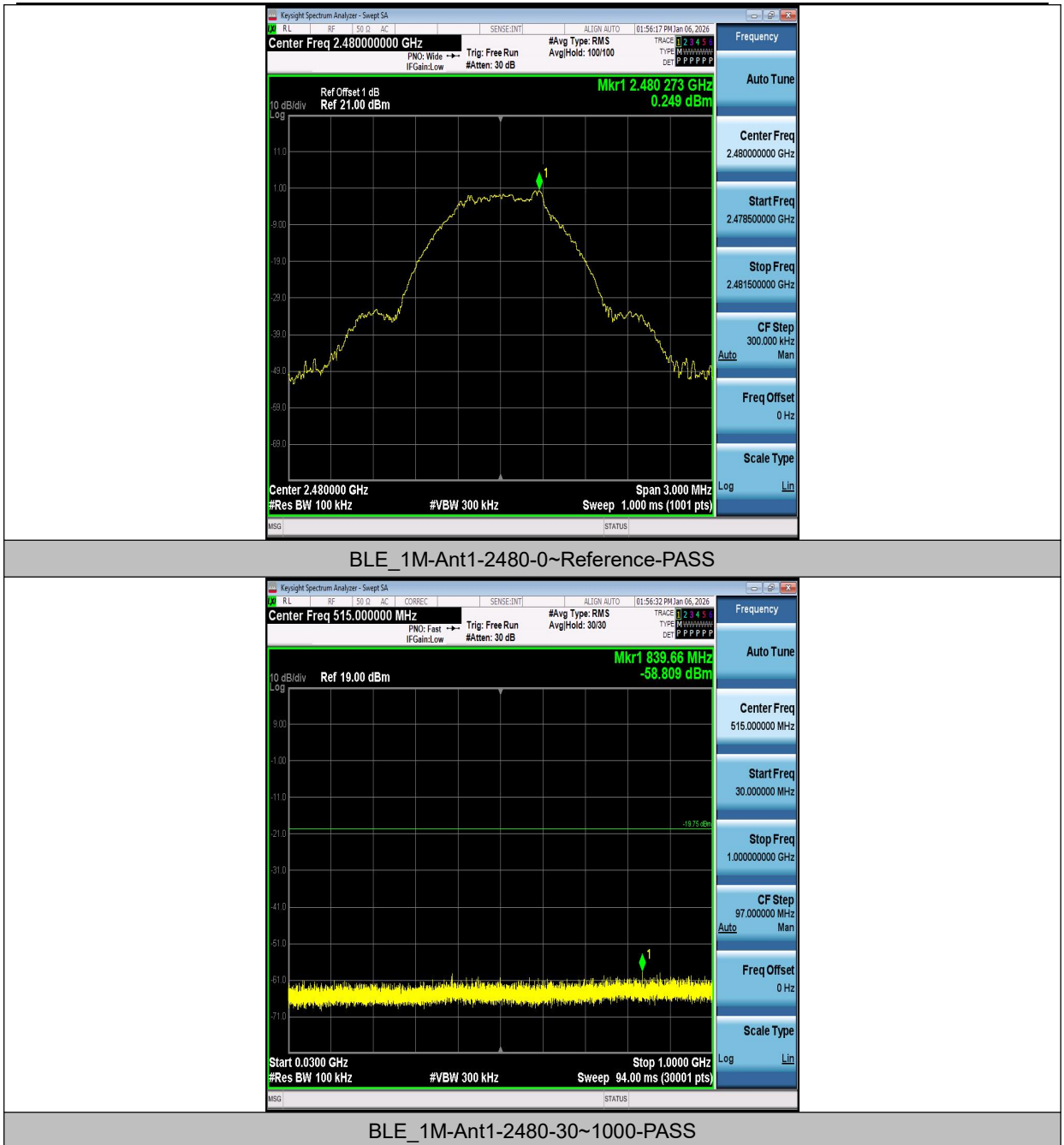
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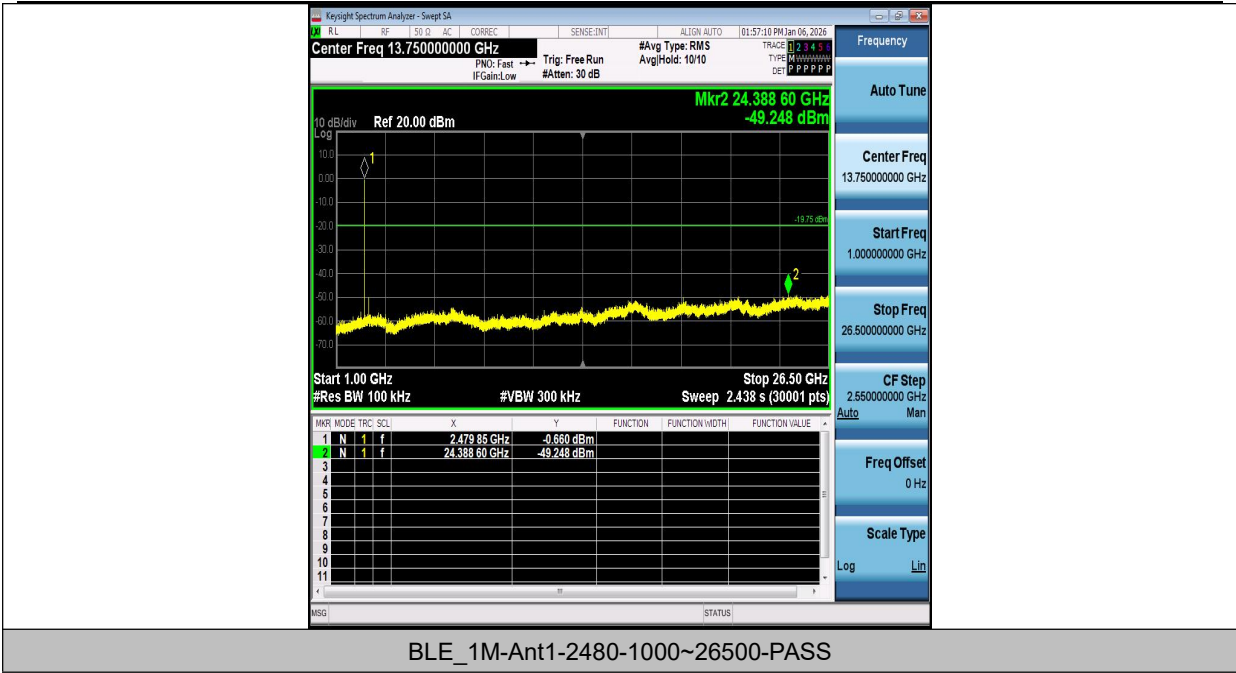
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Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	2.11	2.50	84.40	0.74
BLE_1M	Ant1	2440	2.11	2.49	84.74	0.72
BLE_1M	Ant1	2480	2.13	2.51	84.86	0.71

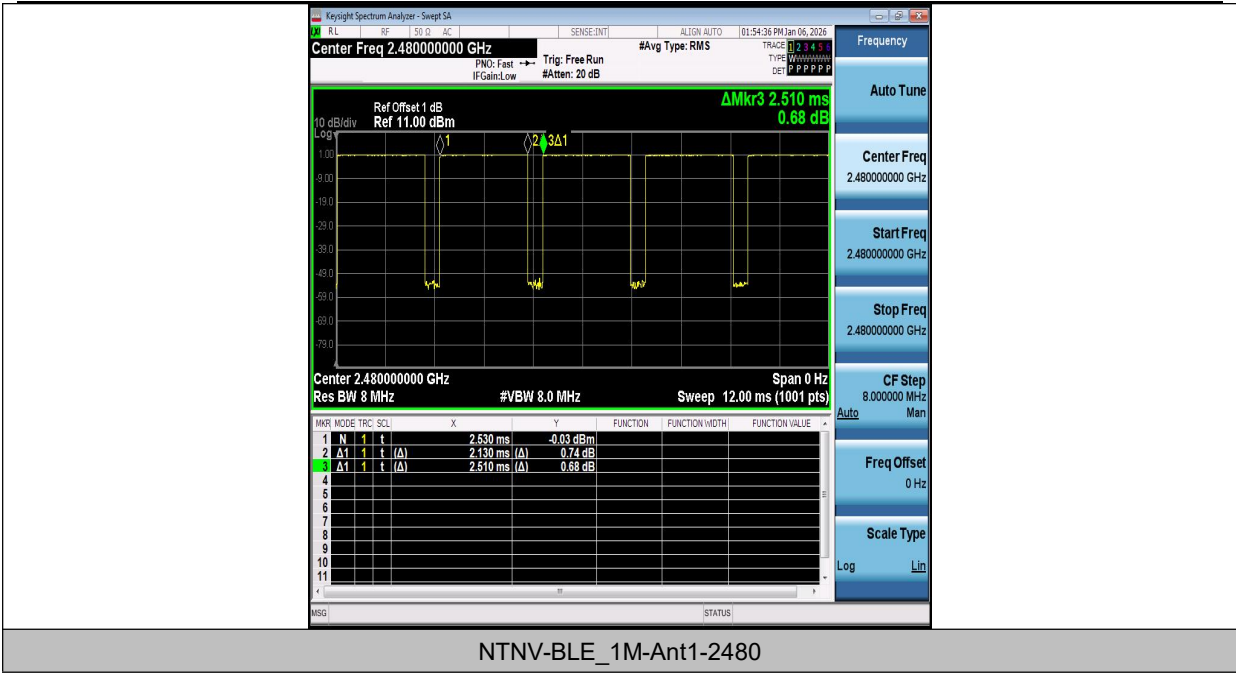
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NTNV-BLE_1M-Ant1-2480

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