

Appendix Test Data

Report No.:	1812C60044712502-01	Test Sample No.:	1-2-2
Start Test Date:	2026-1-15	Finish Test Date:	2026-1-29
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	22.1°C	Relative Humidity:	61%
Pressure:	101kPa		

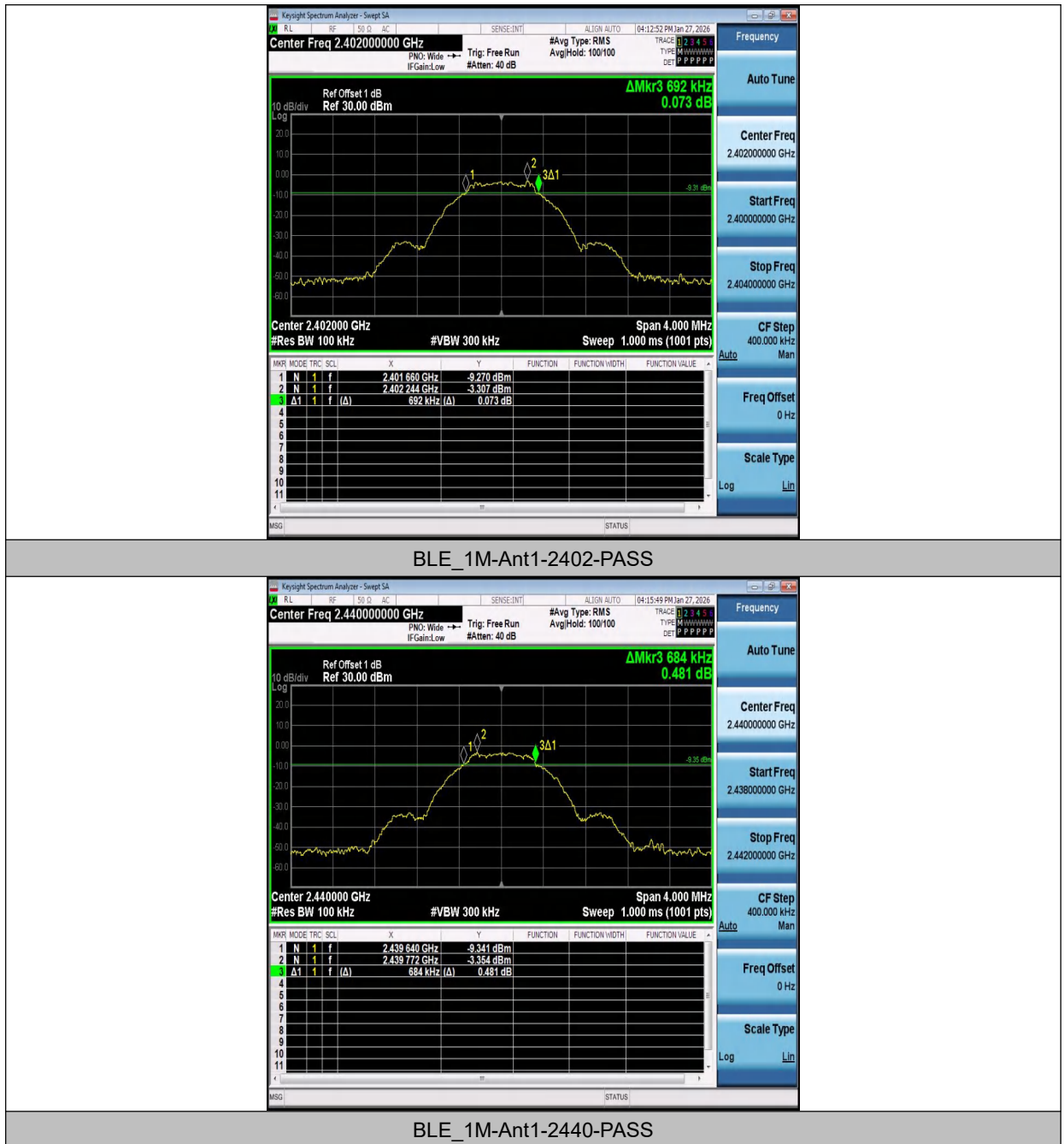


Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.692	2401.660	2402.352	0.5	PASS
BLE_1M	Ant1	2440	0.684	2439.640	2440.324	0.5	PASS
BLE_1M	Ant1	2480	0.696	2479.648	2480.344	0.5	PASS
BLE_2M	Ant1	2402	1.236	2401.356	2402.592	0.5	PASS
BLE_2M	Ant1	2440	1.332	2439.332	2440.664	0.5	PASS
BLE_2M	Ant1	2480	1.268	2479.340	2480.608	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	1.0474	2401.4851	2402.5325	---	---
BLE_1M	Ant1	2440	1.0321	2439.4873	2440.5194	---	---
BLE_1M	Ant1	2480	1.0374	2479.4859	2480.5233	---	---
BLE_2M	Ant1	2402	2.0816	2400.9773	2403.0589	---	---
BLE_2M	Ant1	2440	2.0747	2438.9777	2441.0524	---	---
BLE_2M	Ant1	2480	2.0871	2478.9756	2481.0627	---	---

Test Graphs



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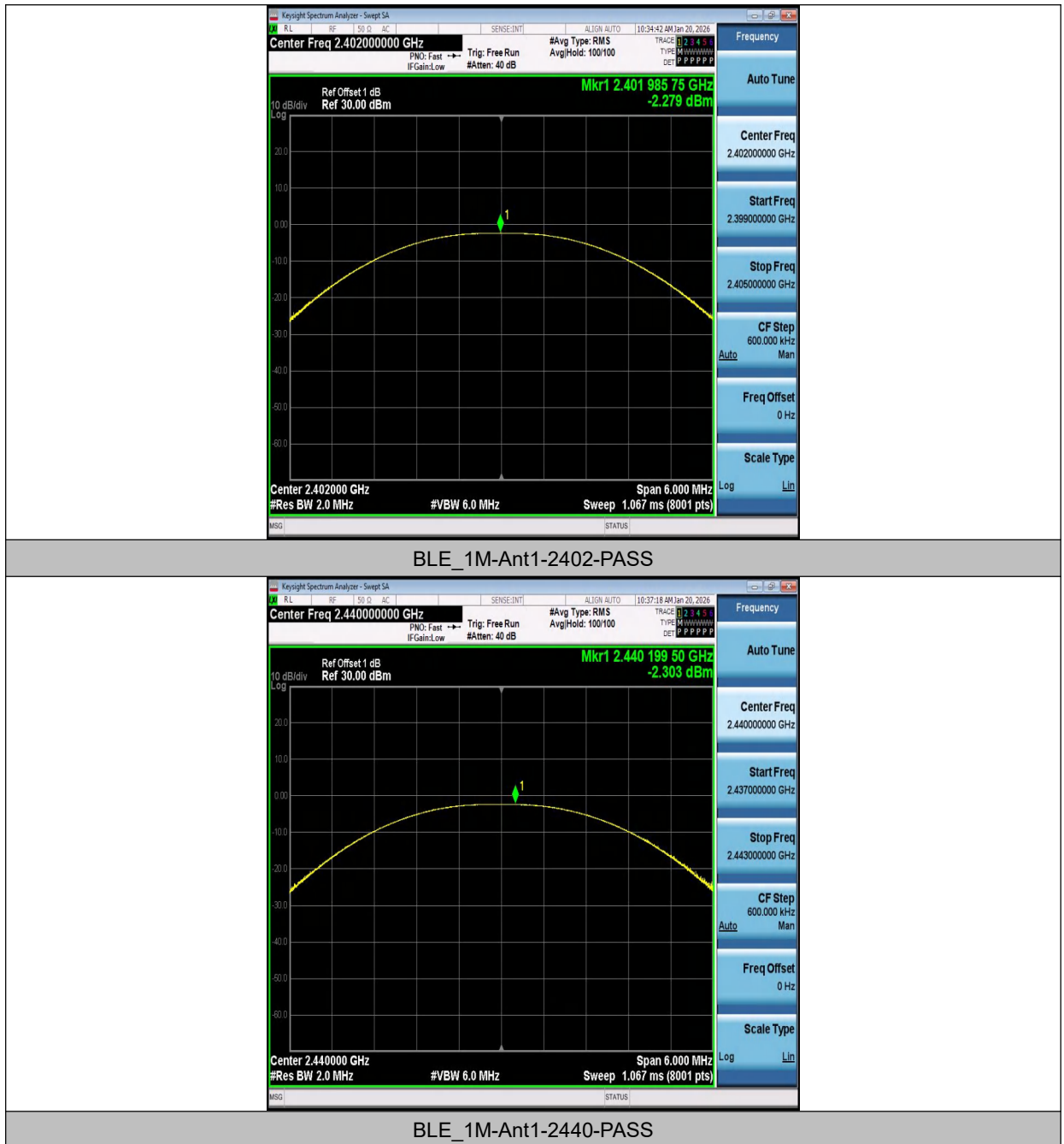
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Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-2.28	≤30	PASS
BLE_1M	Ant1	2440	-2.30	≤30	PASS
BLE_1M	Ant1	2480	-2.19	≤30	PASS
BLE_2M	Ant1	2402	-2.38	≤30	PASS
BLE_2M	Ant1	2440	-2.33	≤30	PASS
BLE_2M	Ant1	2480	-2.25	≤30	PASS

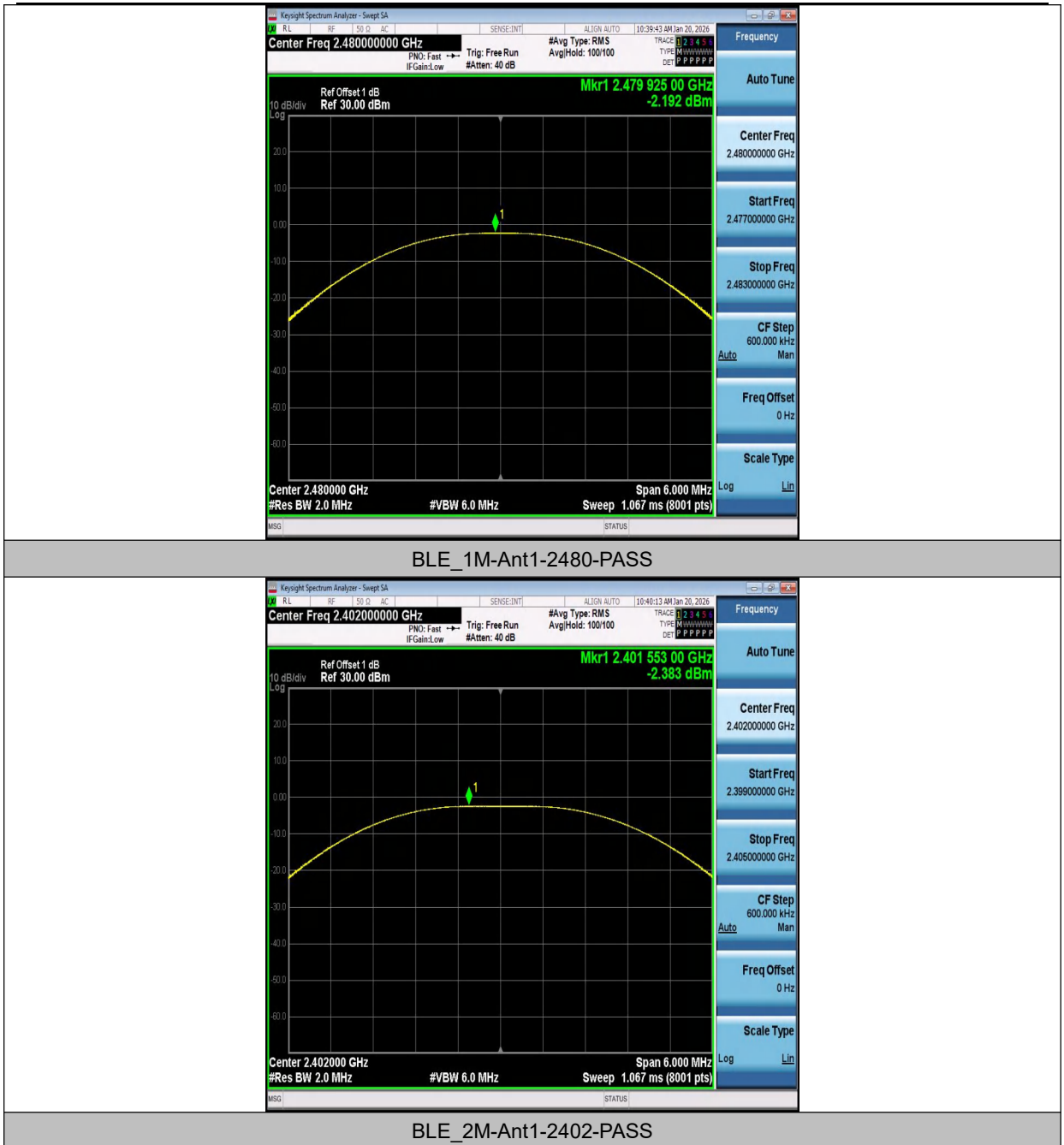
Test Graphs Peak



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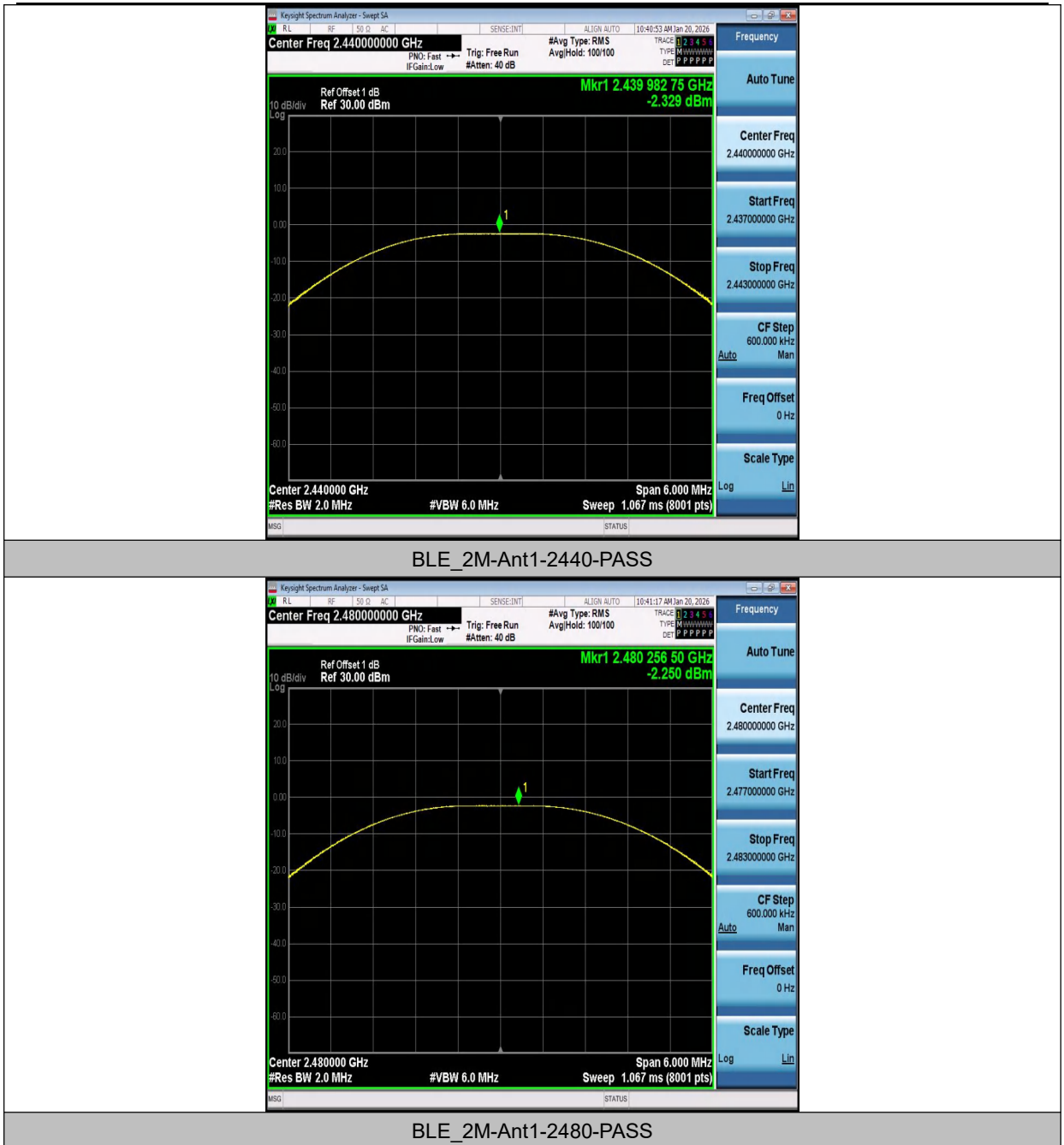
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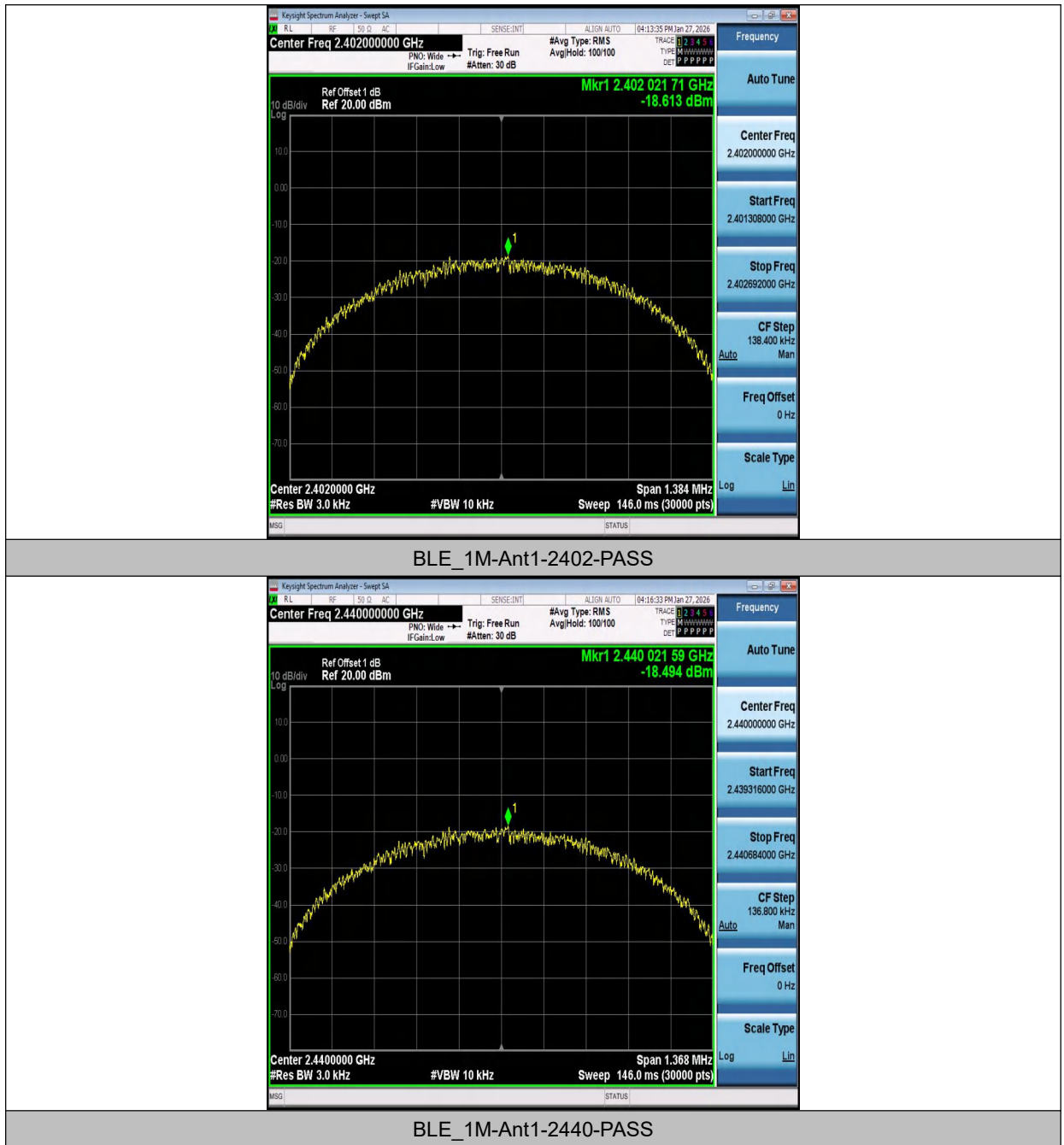
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-18.61	≤8.00	PASS
BLE_1M	Ant1	2440	-18.49	≤8.00	PASS
BLE_1M	Ant1	2480	-18.39	≤8.00	PASS
BLE_2M	Ant1	2402	-21.05	≤8.00	PASS
BLE_2M	Ant1	2440	-20.96	≤8.00	PASS
BLE_2M	Ant1	2480	-20.84	≤8.00	PASS

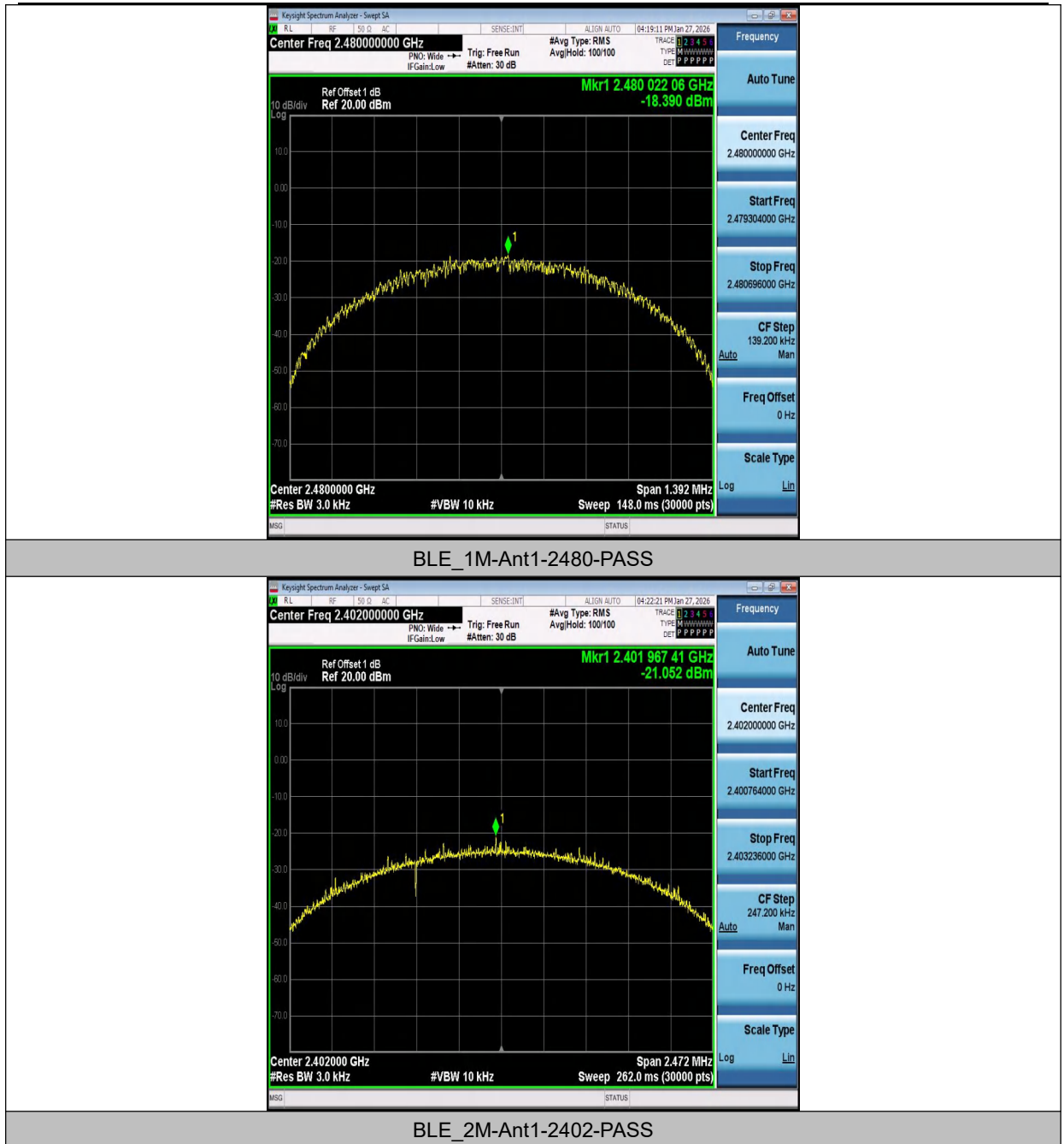
Test Graphs



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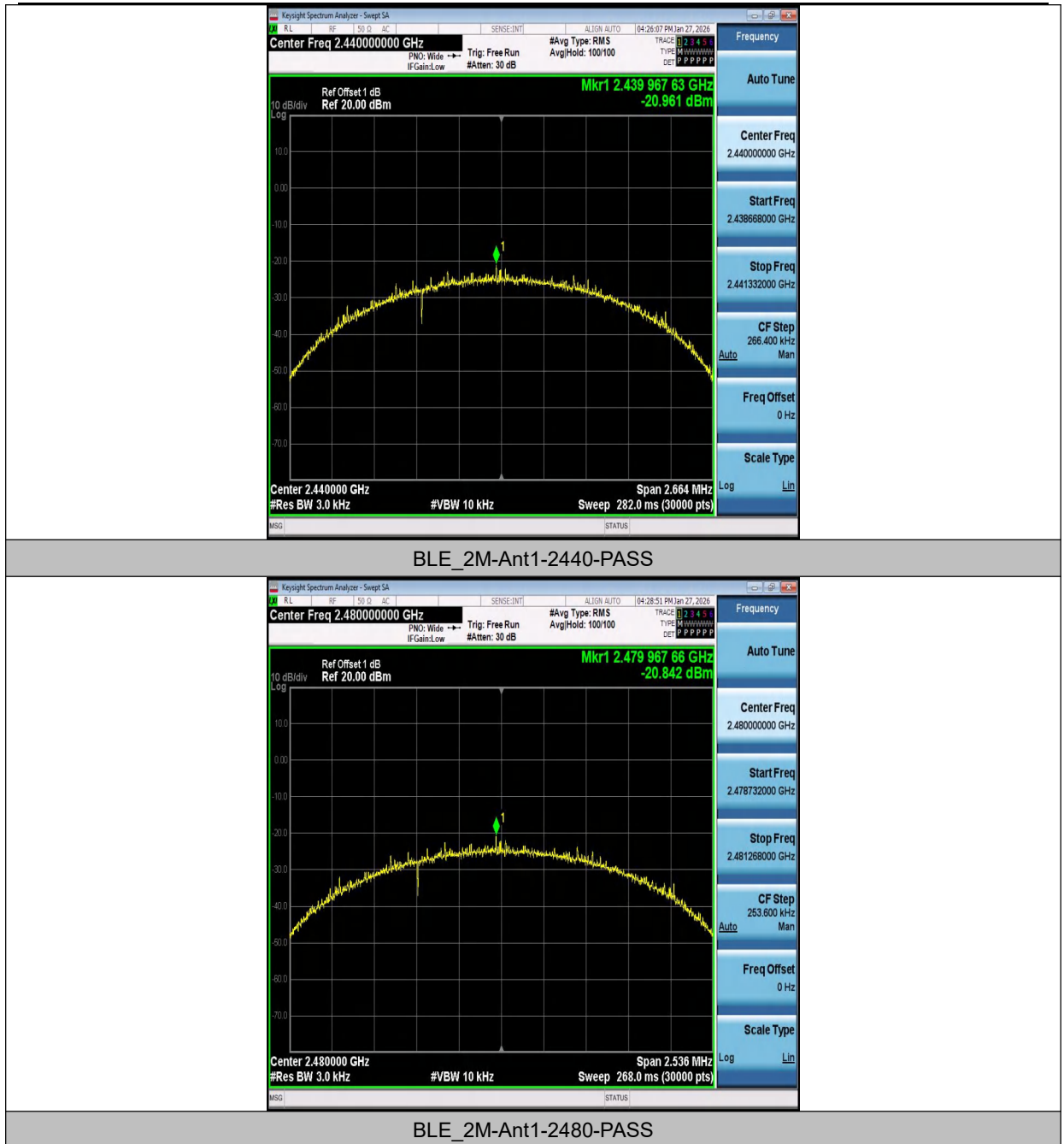
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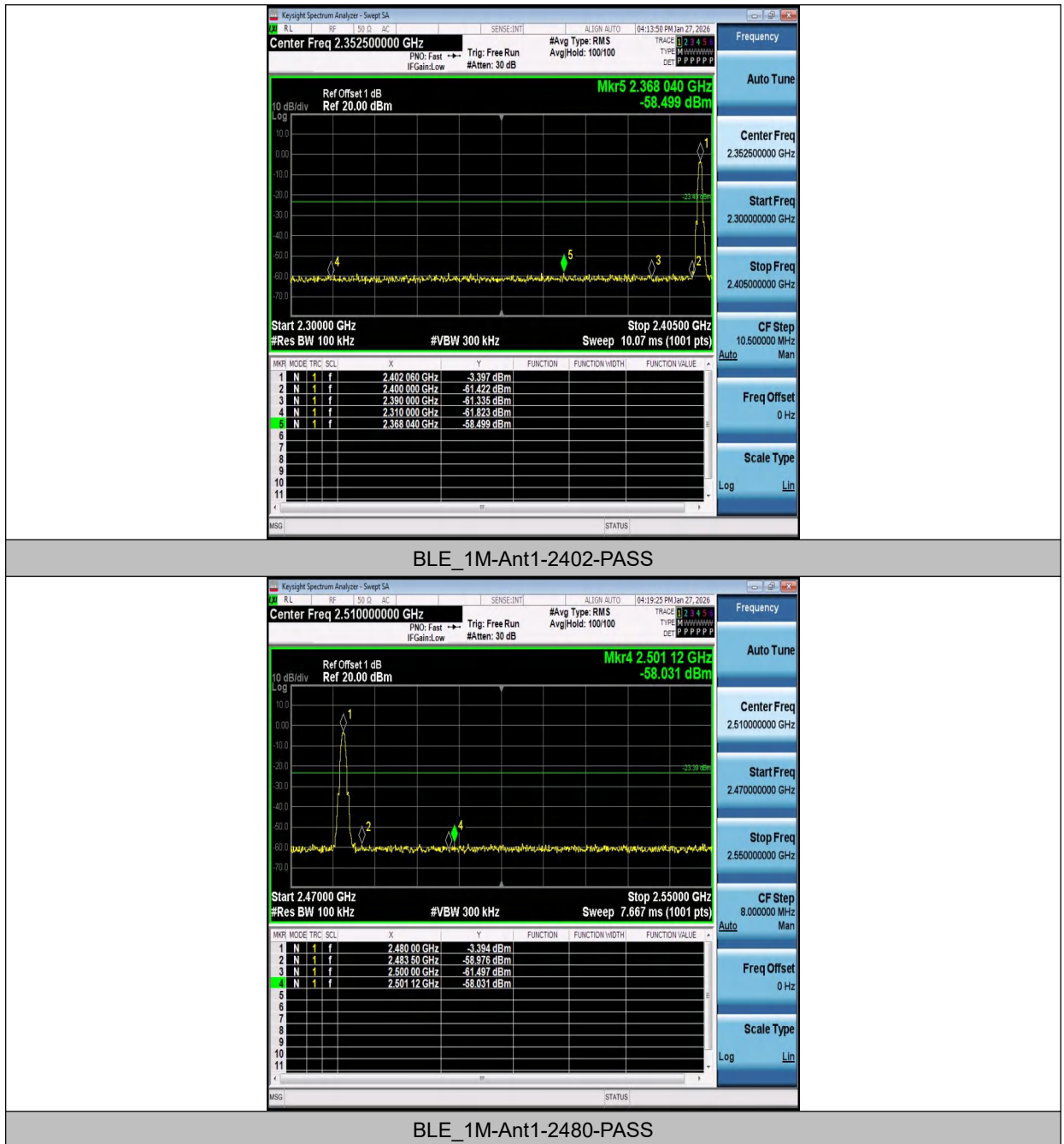
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-3.40	-58.5	≤-23.4	PASS
BLE_1M	Ant1	High	2480	-3.39	-58.03	≤-23.39	PASS
BLE_2M	Ant1	Low	2402	-2.97	-36.7	≤-22.97	PASS
BLE_2M	Ant1	High	2480	-3.88	-57.5	≤-23.88	PASS

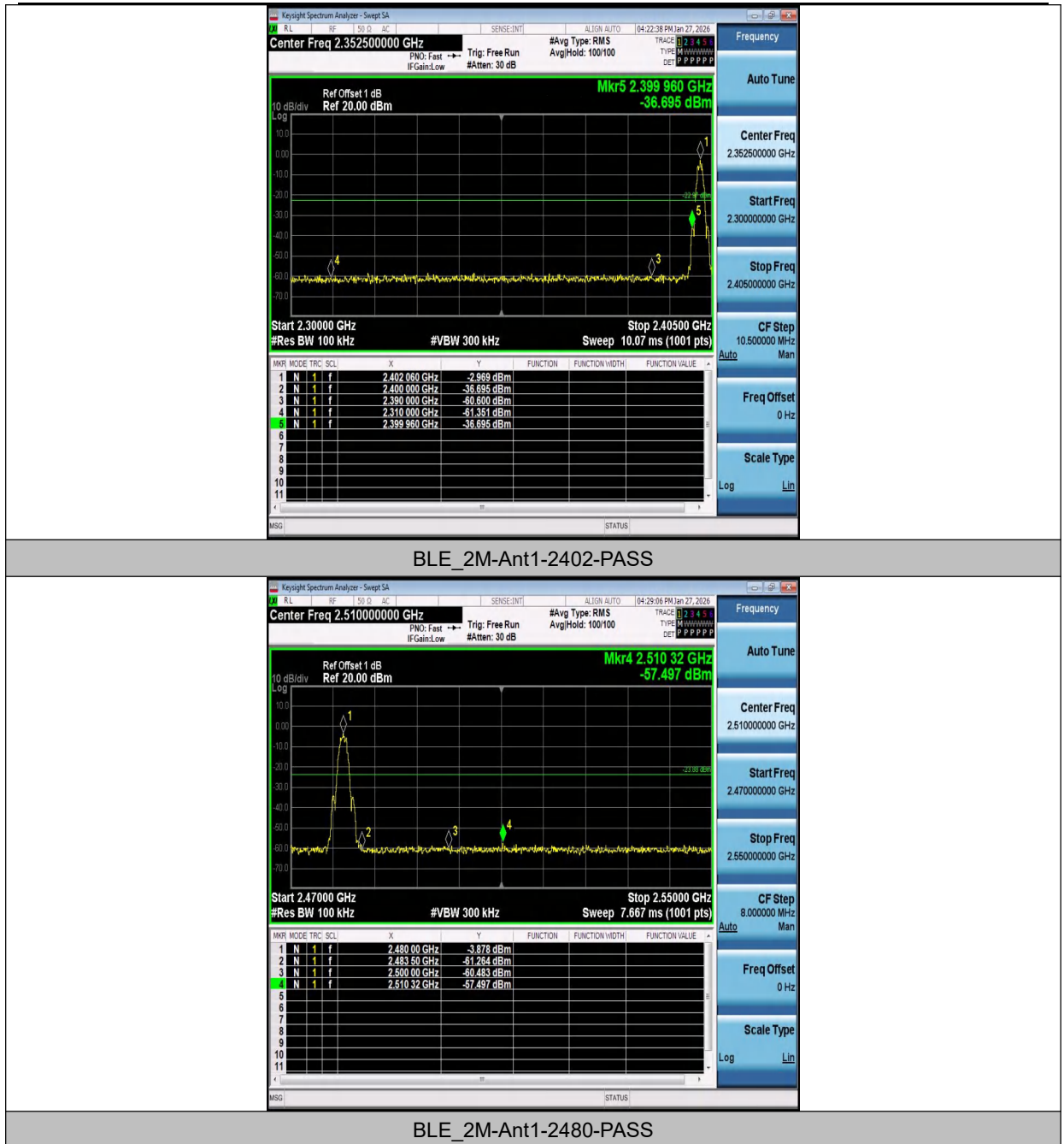
Test Graphs



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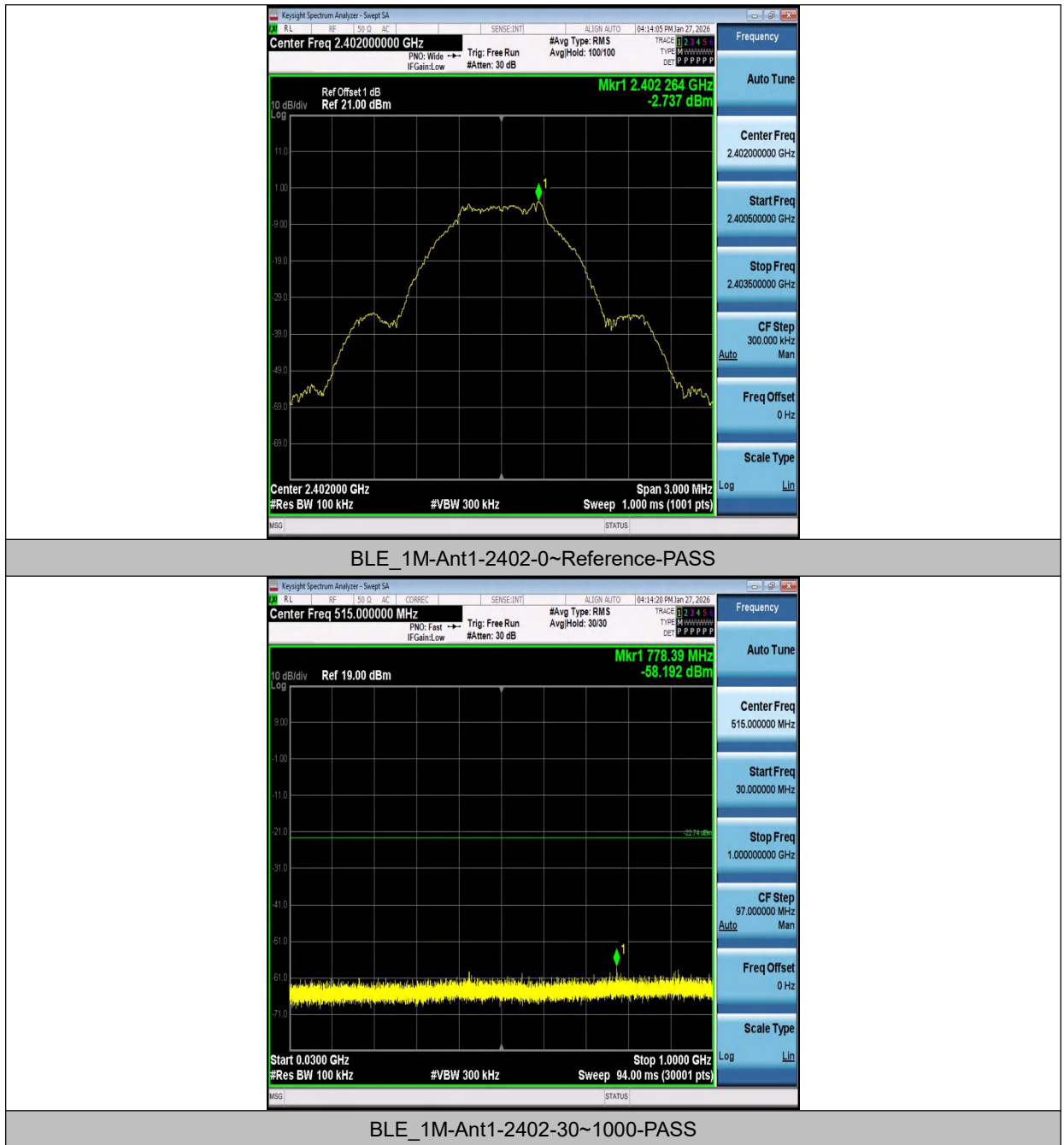
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-2.74	-2.74	---	PASS
BLE_1M	Ant1	2402	30~1000	-2.74	-58.19	≤-22.74	PASS
BLE_1M	Ant1	2402	1000~26500	-2.74	-46.35	≤-22.74	PASS
BLE_1M	Ant1	2440	0~Reference	-2.45	-2.45	---	PASS
BLE_1M	Ant1	2440	30~1000	-2.45	-59.14	≤-22.45	PASS
BLE_1M	Ant1	2440	1000~26500	-2.45	-48.69	≤-22.45	PASS
BLE_1M	Ant1	2480	0~Reference	-2.83	-2.83	---	PASS
BLE_1M	Ant1	2480	30~1000	-2.83	-59.38	≤-22.83	PASS
BLE_1M	Ant1	2480	1000~26500	-2.83	-48.89	≤-22.83	PASS
BLE_2M	Ant1	2402	0~Reference	-3.73	-3.73	---	PASS
BLE_2M	Ant1	2402	30~1000	-3.73	-59.34	≤-23.73	PASS
BLE_2M	Ant1	2402	1000~26500	-3.73	-48.36	≤-23.73	PASS
BLE_2M	Ant1	2440	0~Reference	-3.56	-3.56	---	PASS
BLE_2M	Ant1	2440	30~1000	-3.56	-59.29	≤-23.56	PASS
BLE_2M	Ant1	2440	1000~26500	-3.56	-48.82	≤-23.56	PASS
BLE_2M	Ant1	2480	0~Reference	-3.17	-3.17	---	PASS
BLE_2M	Ant1	2480	30~1000	-3.17	-58.54	≤-23.17	PASS
BLE_2M	Ant1	2480	1000~26500	-3.17	-48.86	≤-23.17	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.

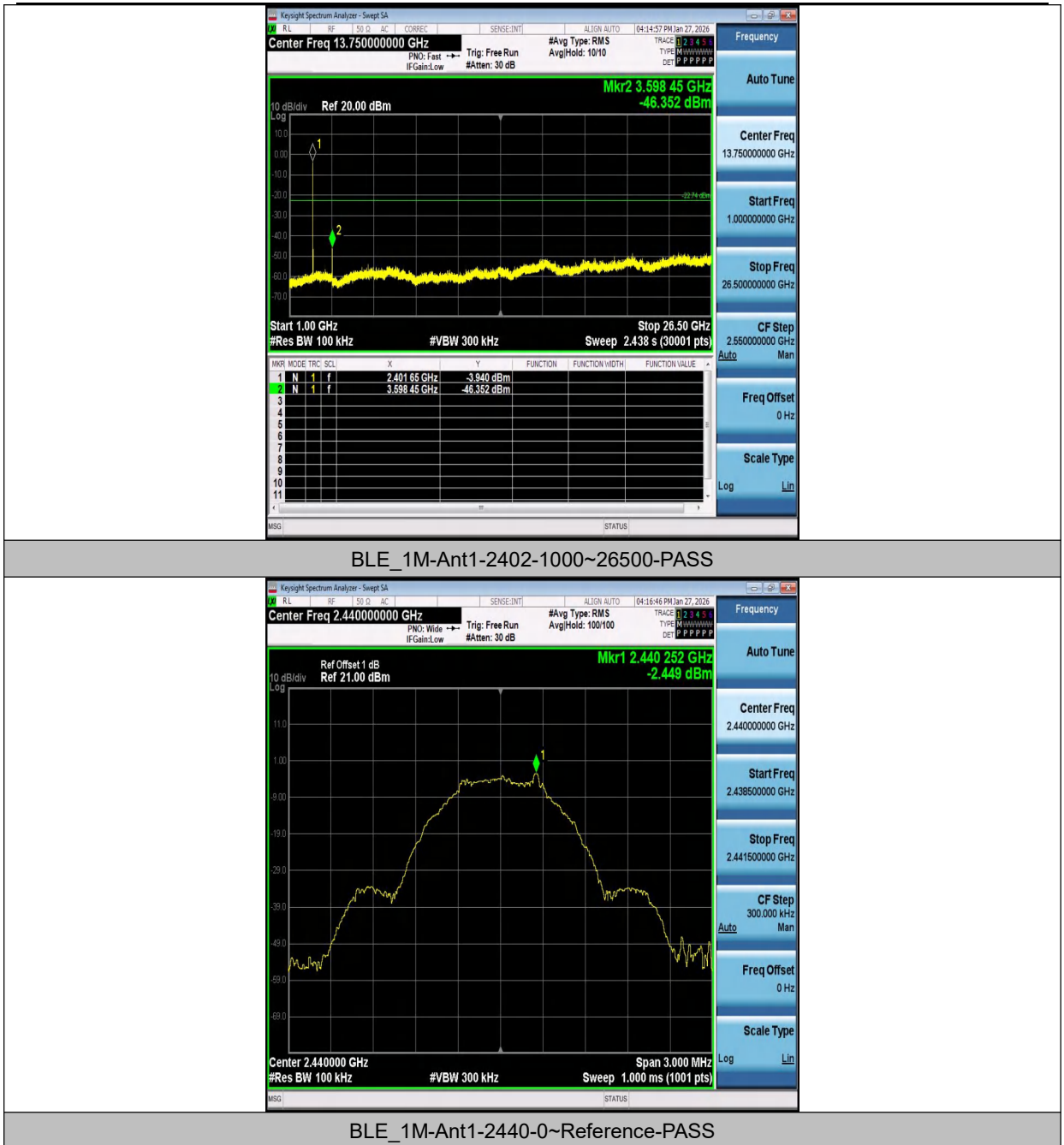
Test Graphs



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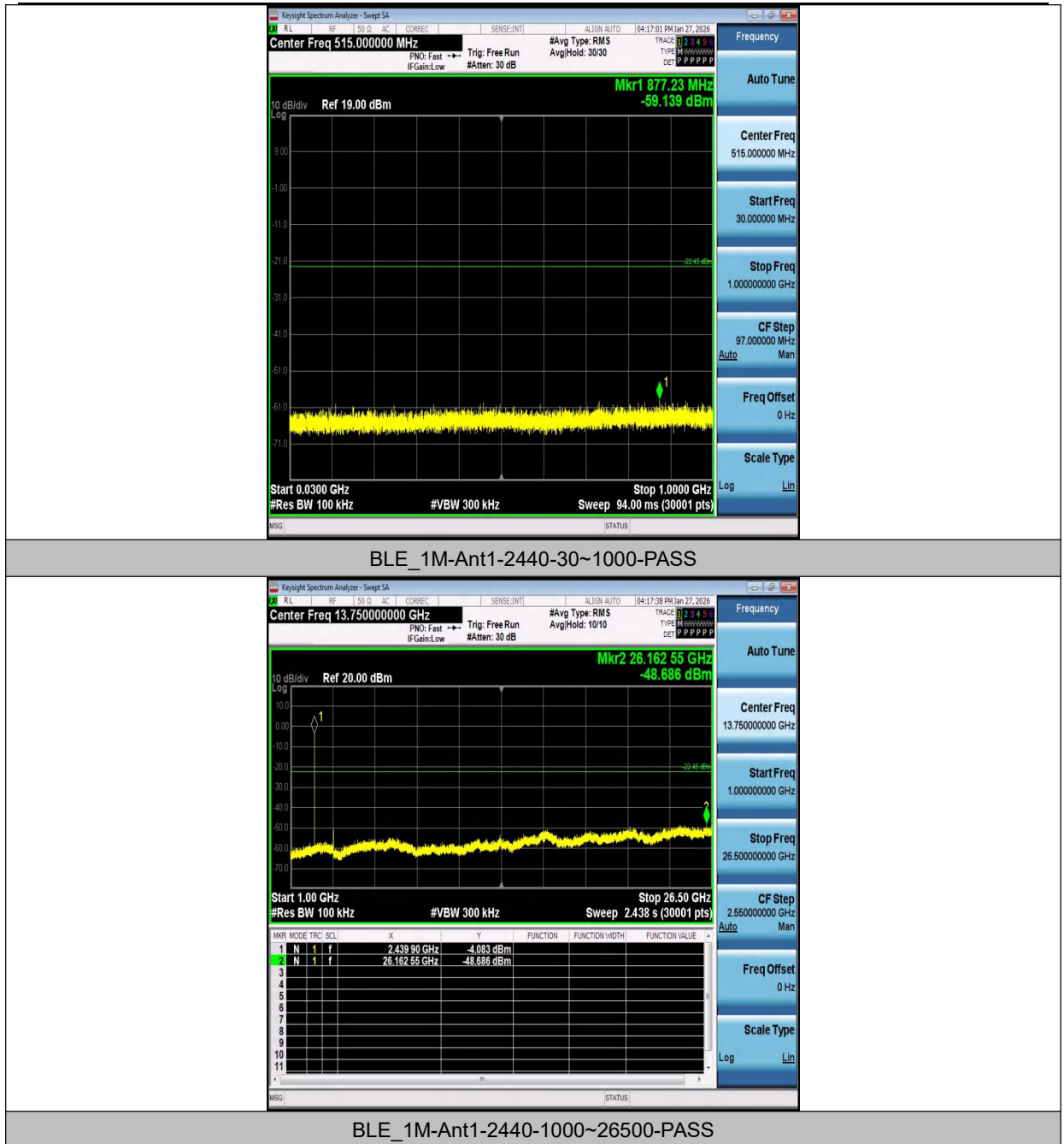
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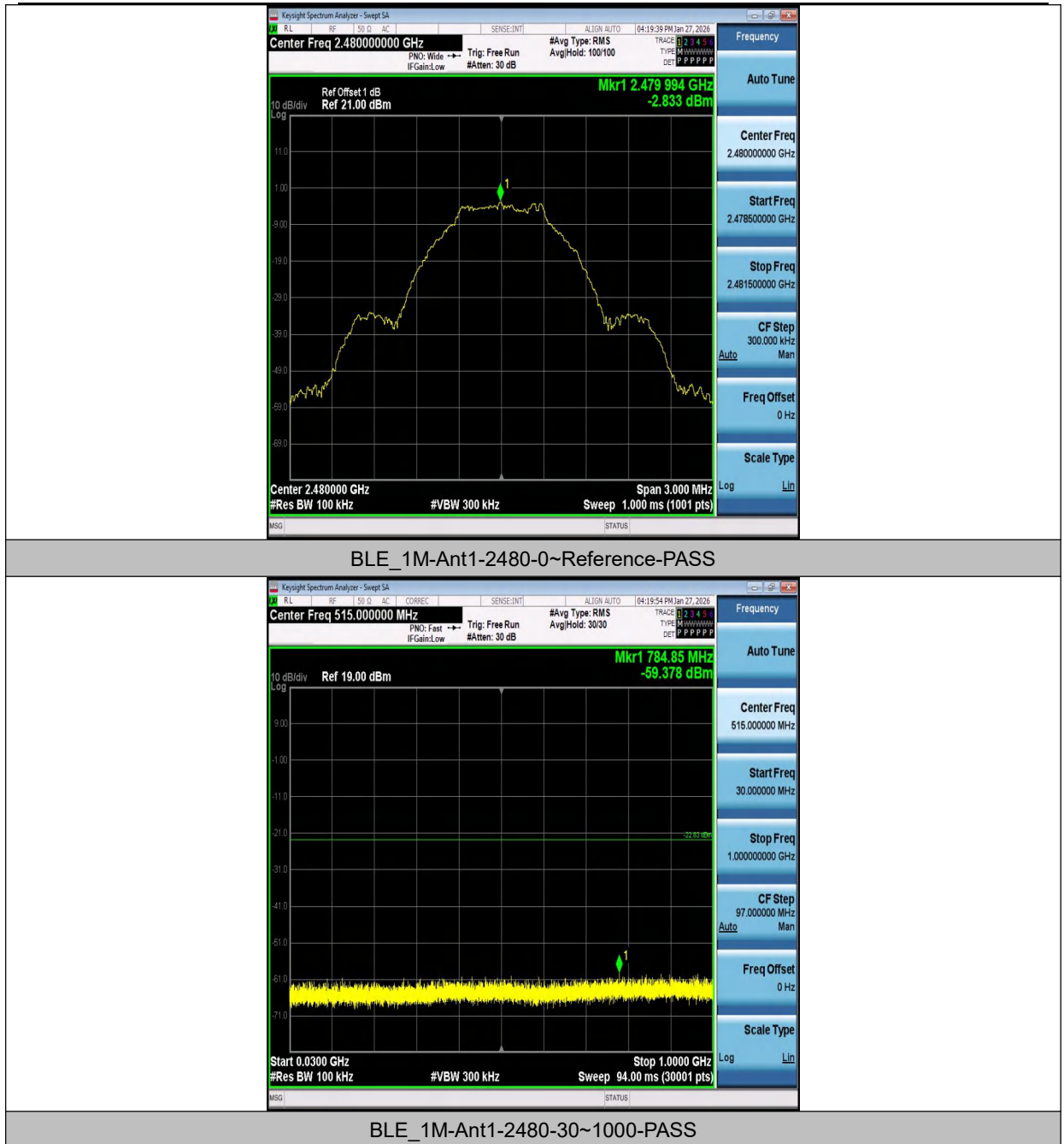
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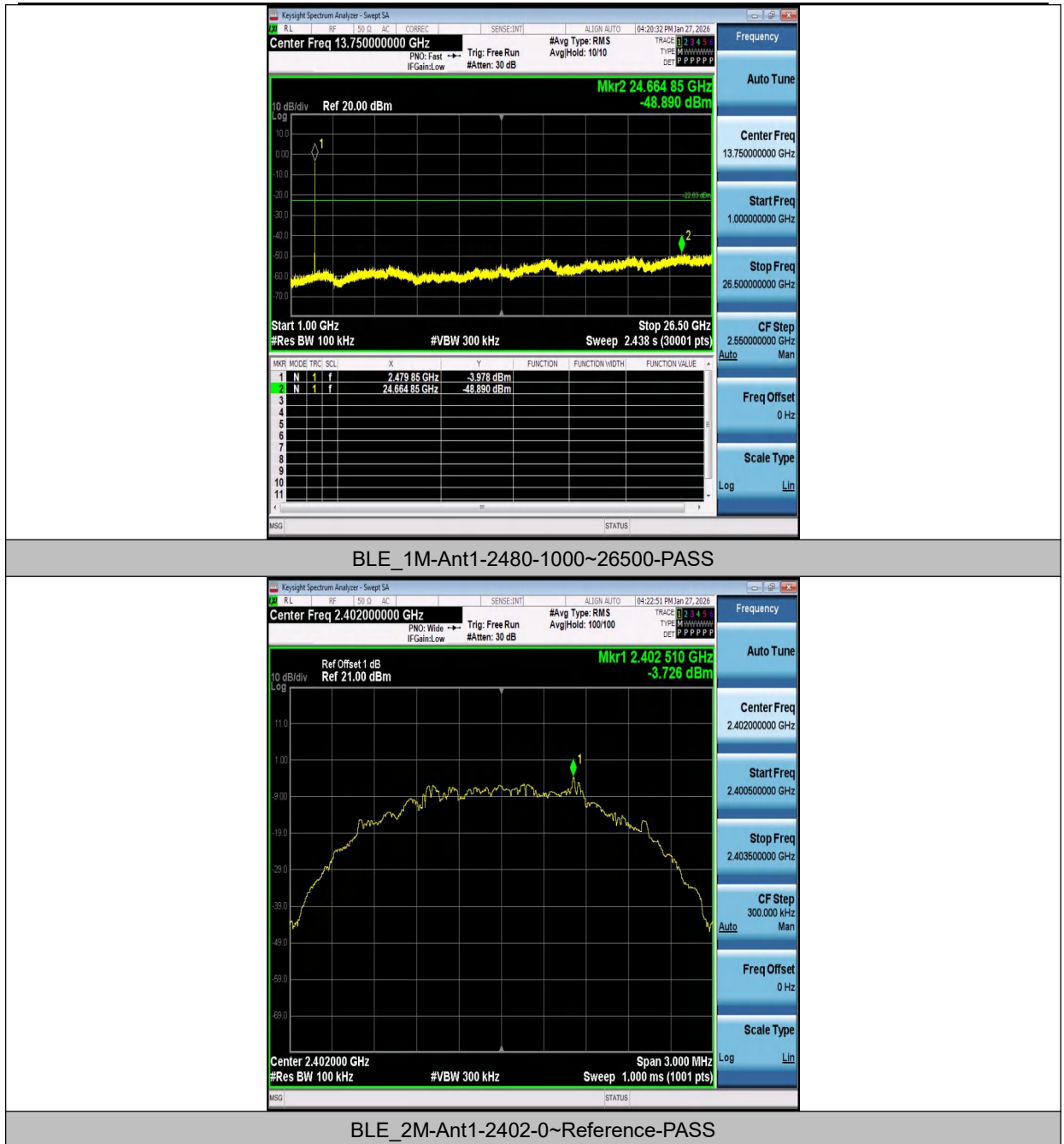
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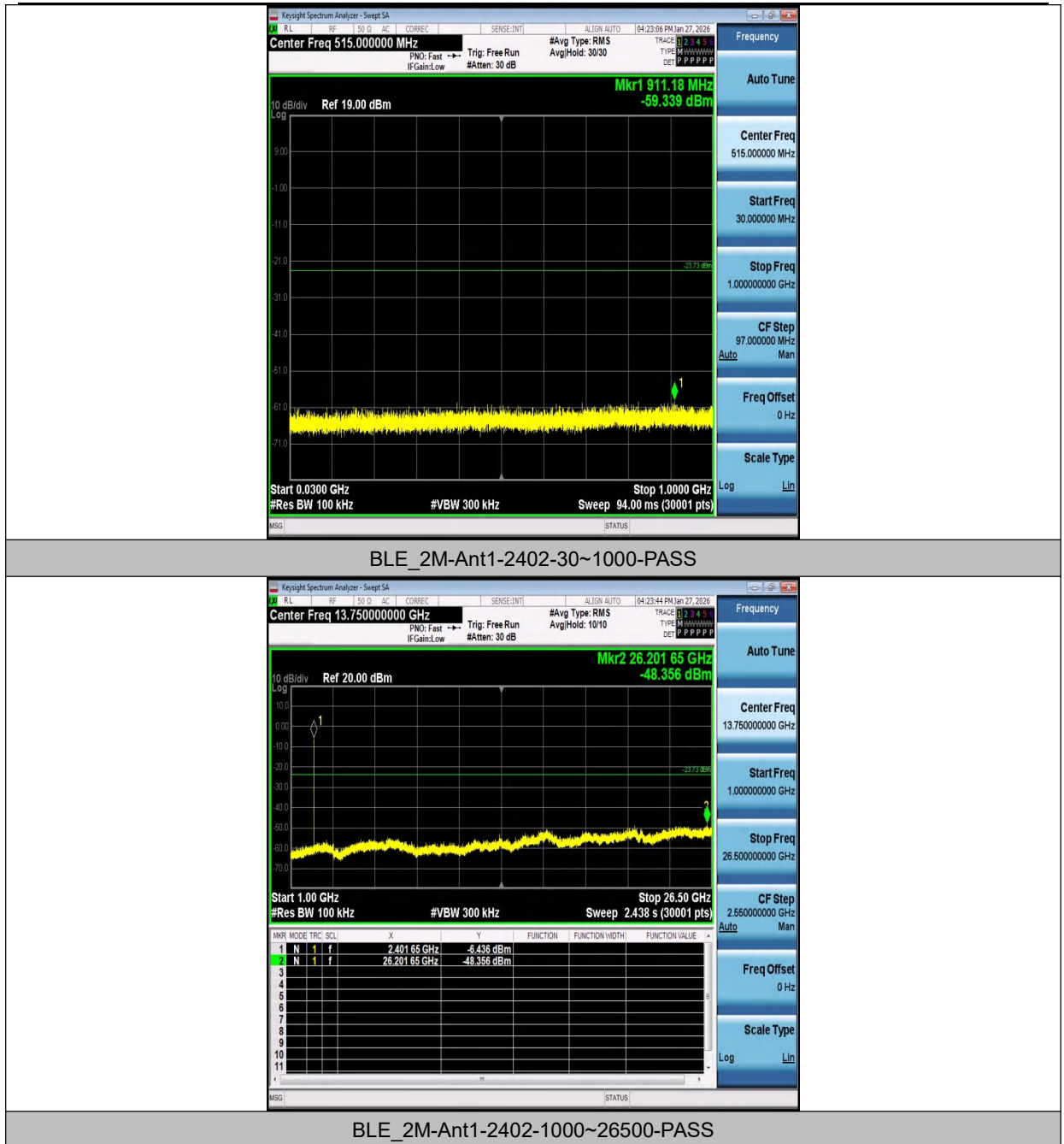
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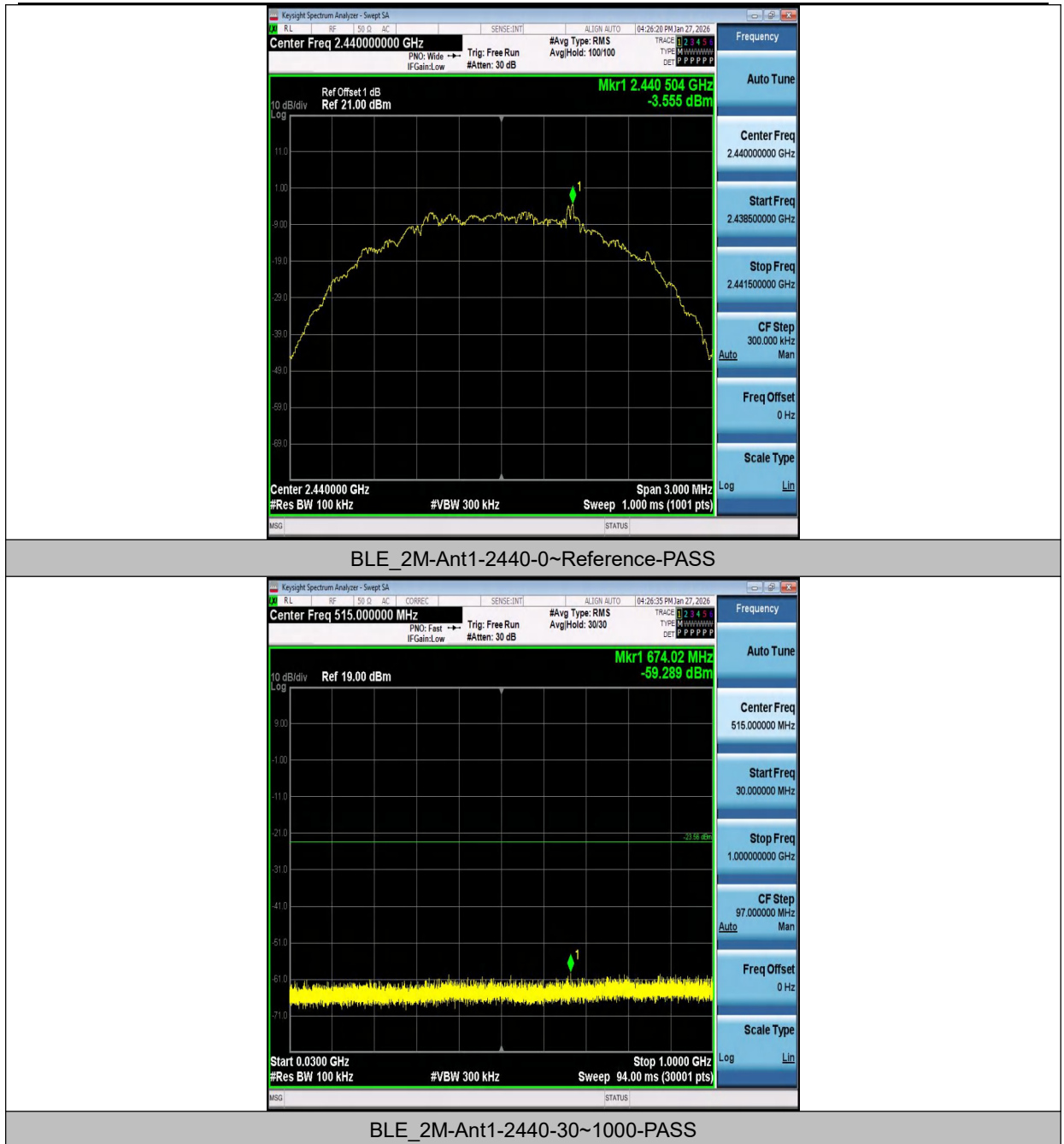
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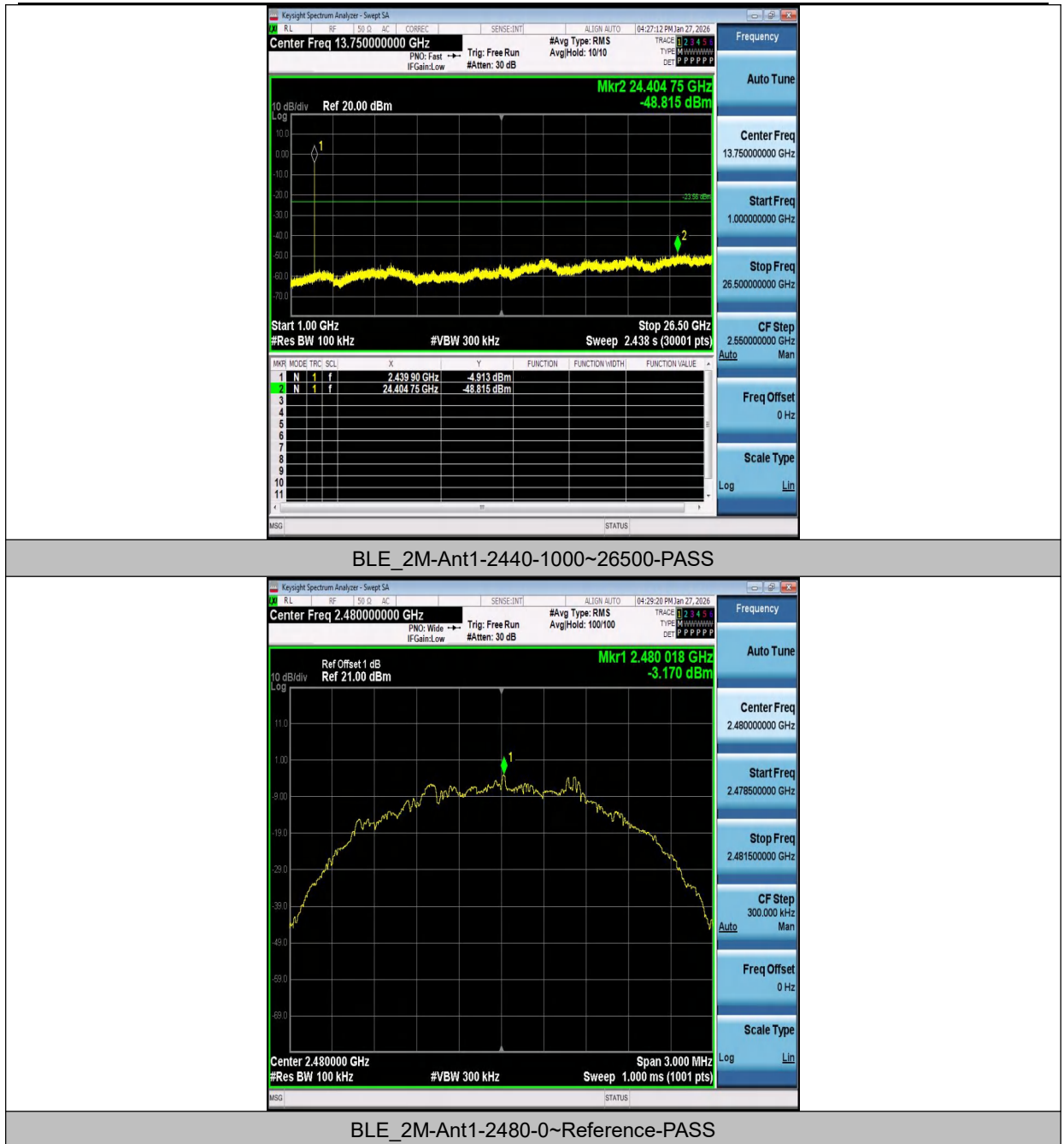
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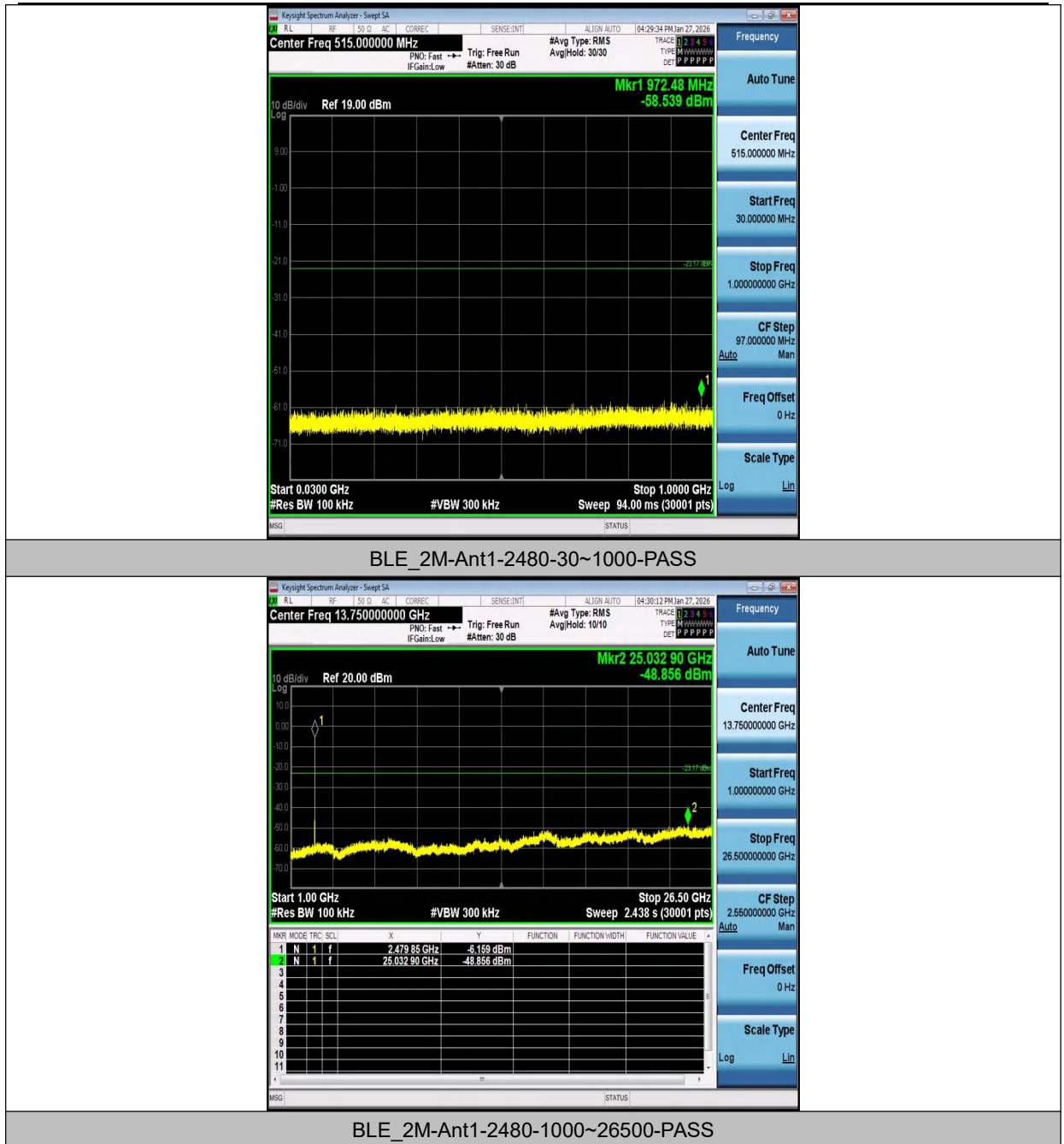
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Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	2.11	2.49	84.74	0.72
BLE_1M	Ant1	2440	2.12	2.49	85.14	0.70
BLE_1M	Ant1	2480	2.11	2.49	84.74	0.72
BLE_2M	Ant1	2402	1.07	1.88	56.91	2.45
BLE_2M	Ant1	2440	1.06	1.87	56.68	2.47
BLE_2M	Ant1	2480	1.08	1.87	57.75	2.38

Test Graphs



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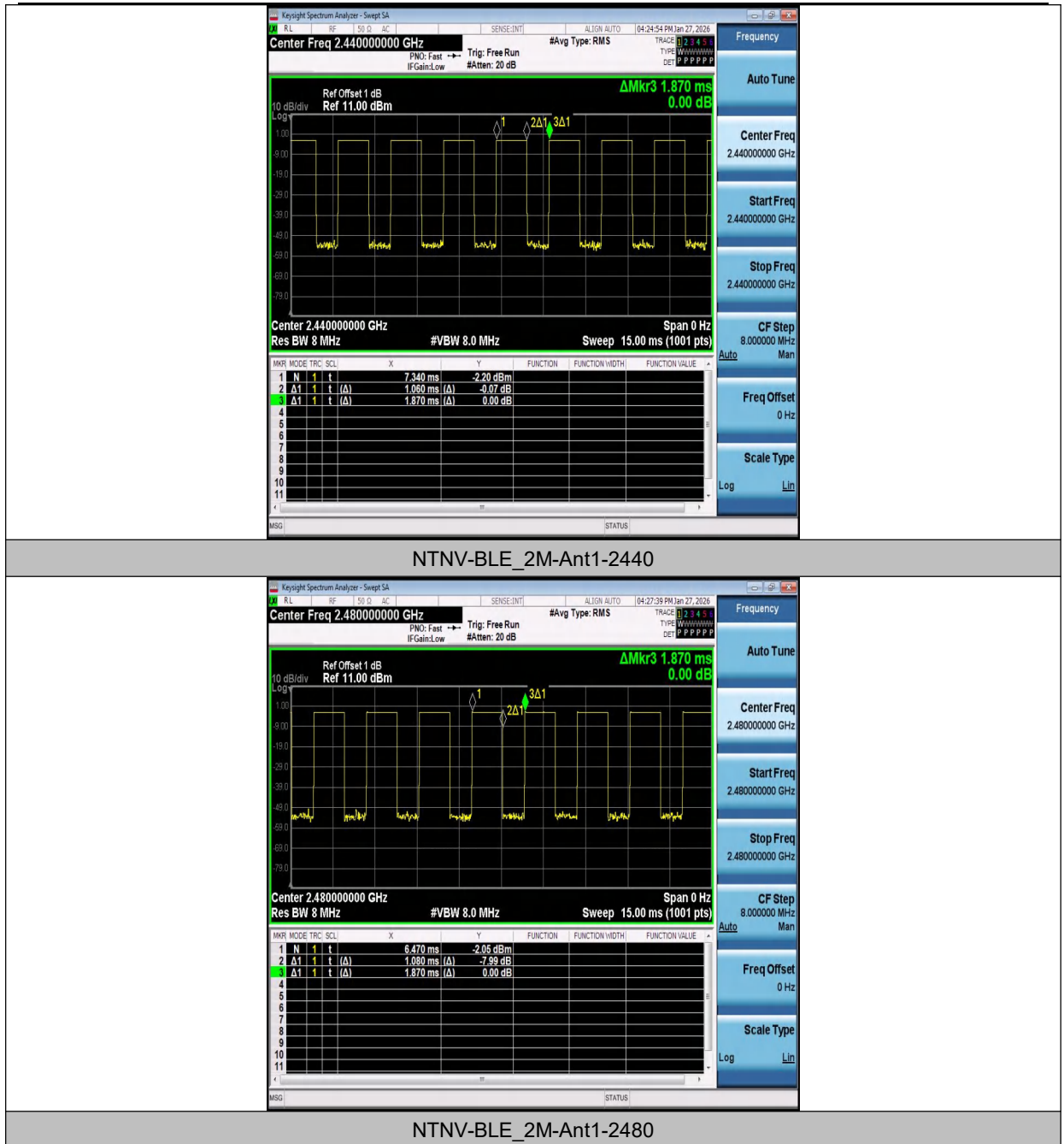
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