

Appendix Test Data

Report No.:	1818C60099812501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-7-14	Finish Test Date:	2026-7-17
Test Engineer:	Huise Guan	Auditor:	Justin Feng
Temperature:	25.6°C	Relative Humidity:	61%
Pressure:	101kPa		

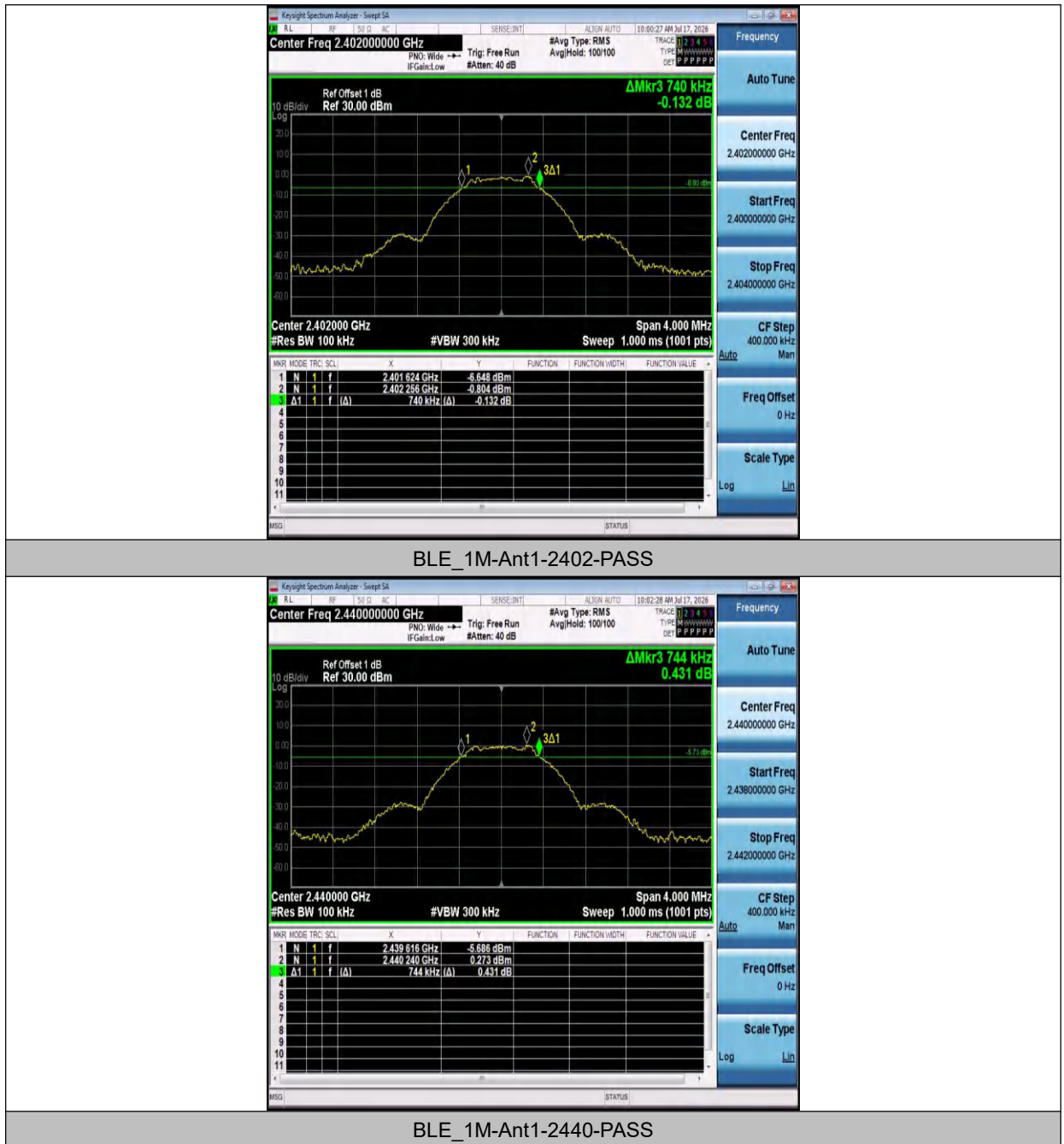


Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.740	2401.624	2402.364	0.5	PASS
BLE_1M	Ant1	2440	0.744	2439.616	2440.360	0.5	PASS
BLE_1M	Ant1	2480	0.752	2479.612	2480.364	0.5	PASS
BLE_2M	Ant1	2402	1.304	2401.360	2402.664	0.5	PASS
BLE_2M	Ant1	2440	1.320	2439.344	2440.664	0.5	PASS
BLE_2M	Ant1	2480	1.336	2479.332	2480.668	0.5	PASS

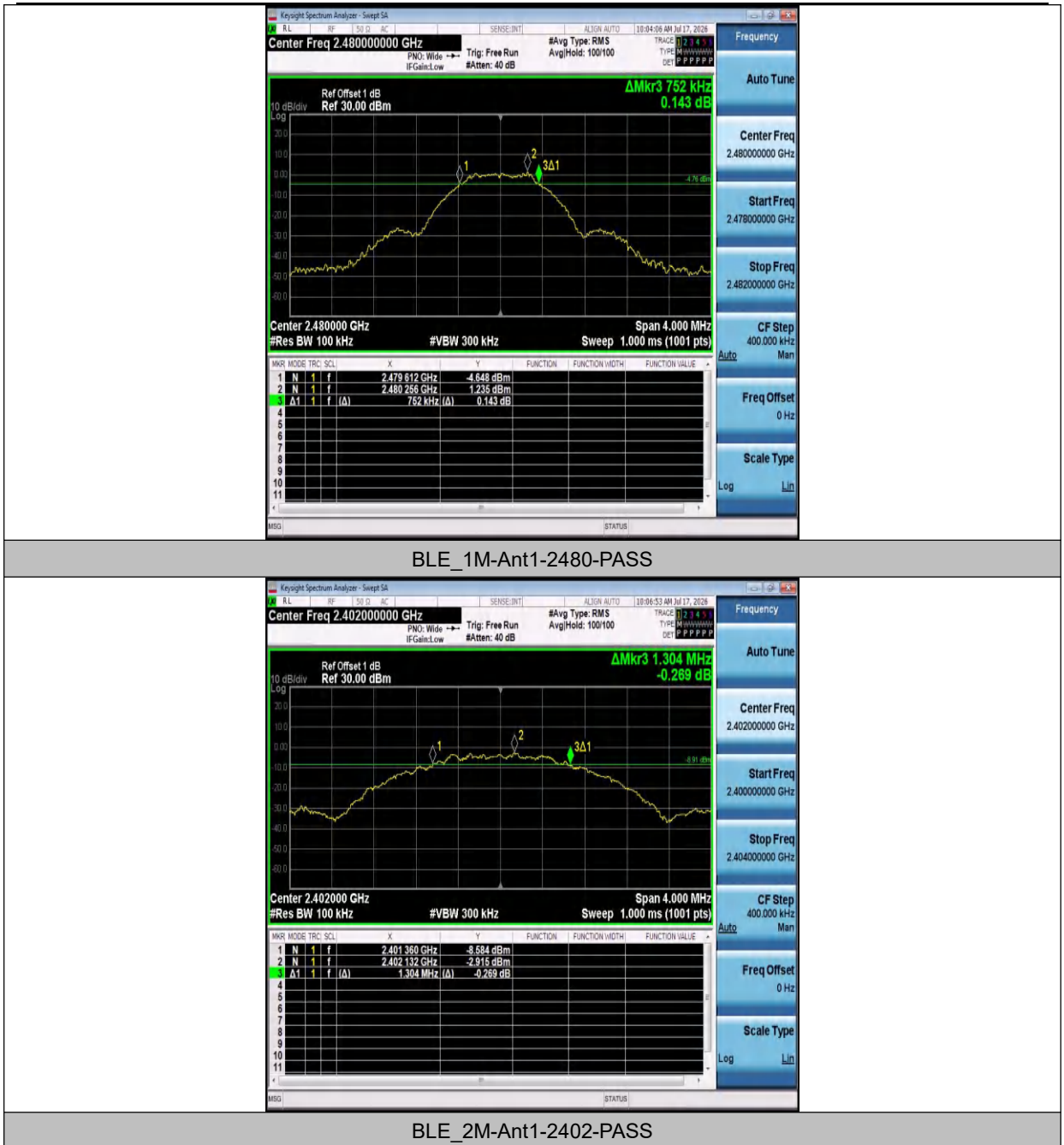
Test Graphs



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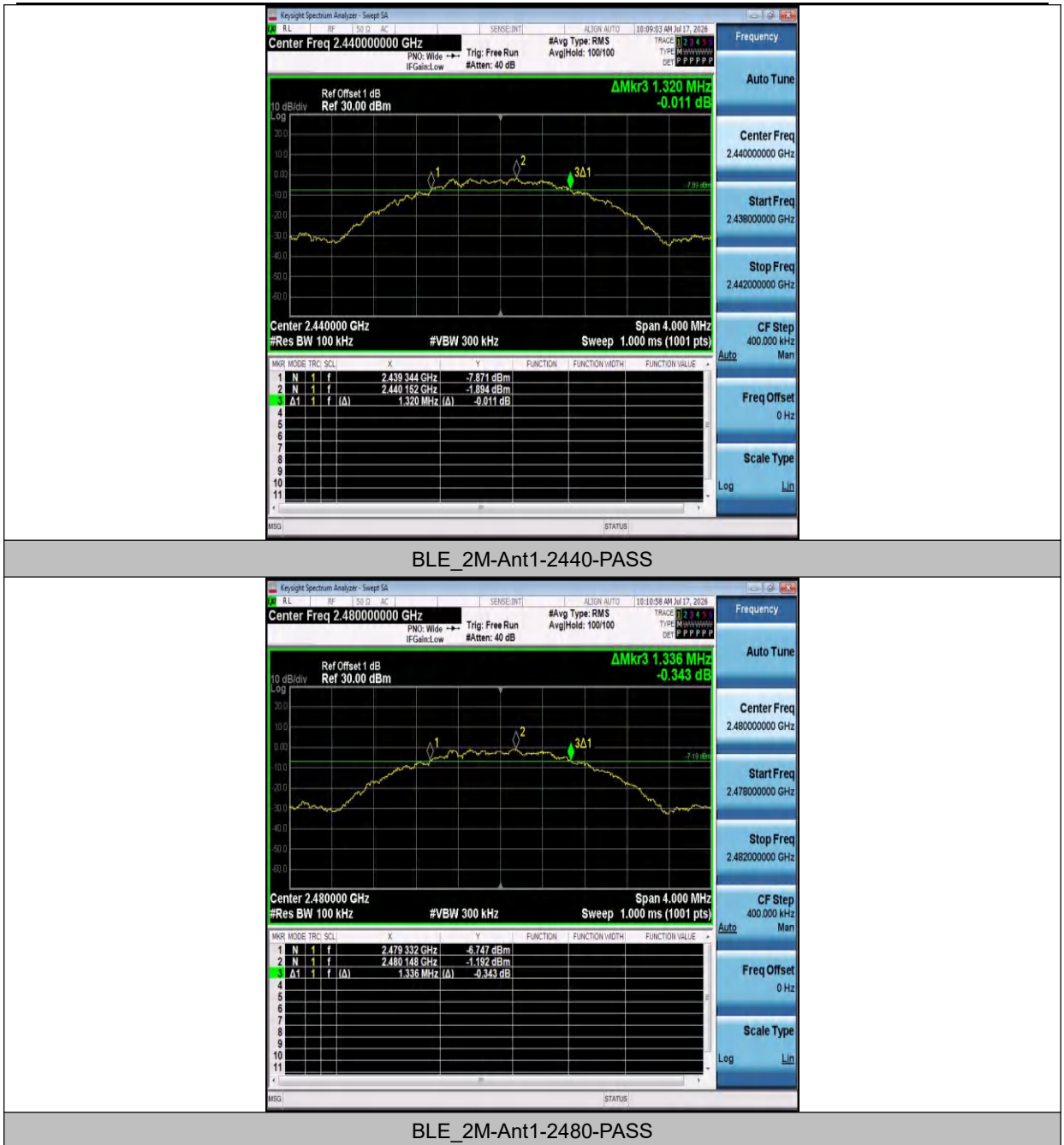
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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0766	2401.4643	2402.5409	---	---
BLE_1M	Ant1	2440	1.0910	2439.4530	2440.5440	---	---
BLE_1M	Ant1	2480	1.1004	2479.4492	2480.5496	---	---
BLE_2M	Ant1	2402	2.2280	2400.8887	2403.1167	---	---
BLE_2M	Ant1	2440	2.2417	2438.8770	2441.1187	---	---
BLE_2M	Ant1	2480	2.2781	2478.8536	2481.1317	---	---

Test Graphs



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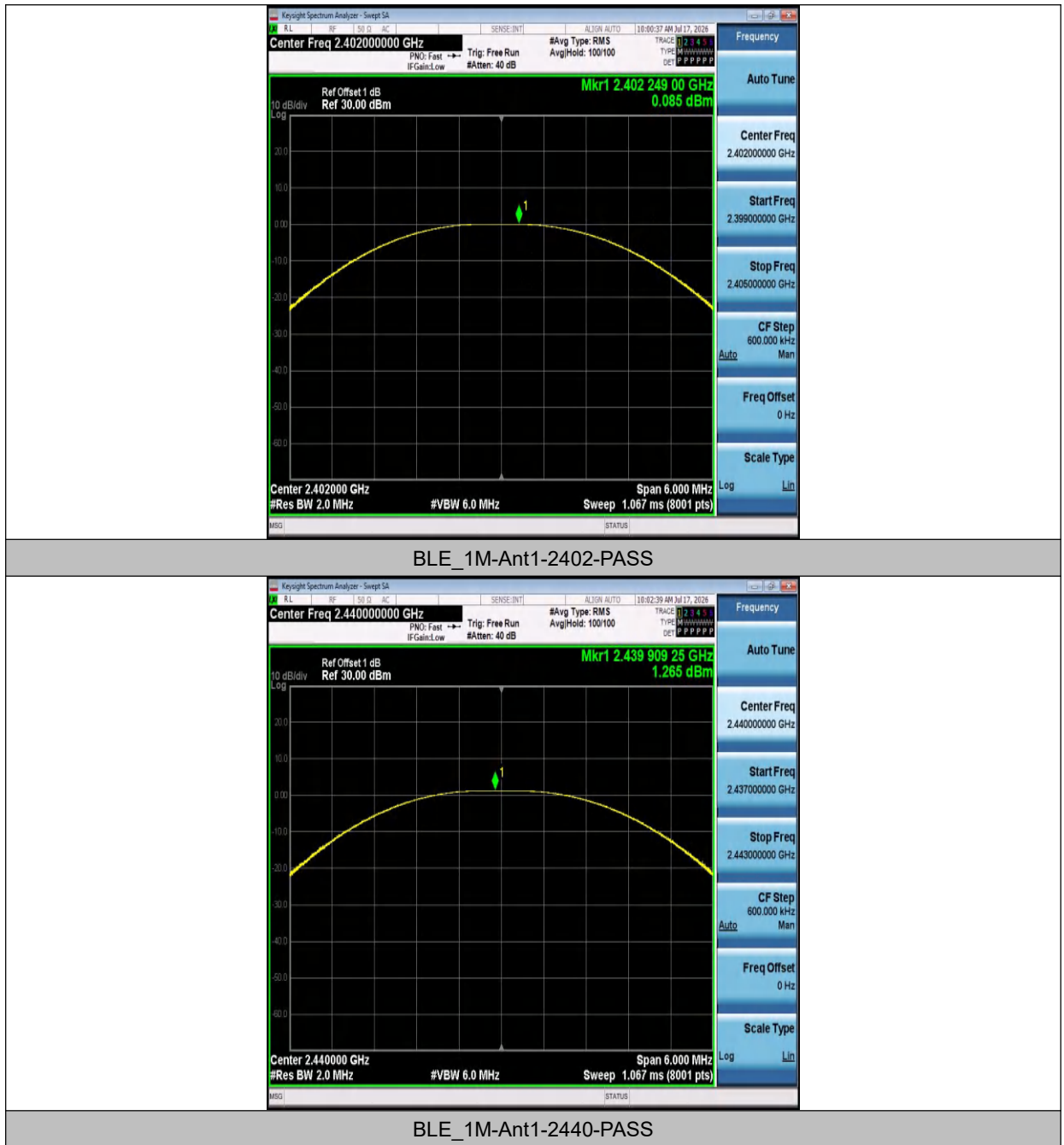
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Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0.09	≤30	PASS
BLE_1M	Ant1	2440	1.27	≤30	PASS
BLE_1M	Ant1	2480	2.16	≤30	PASS
BLE_2M	Ant1	2402	0.10	≤30	PASS
BLE_2M	Ant1	2440	1.25	≤30	PASS
BLE_2M	Ant1	2480	2.17	≤30	PASS

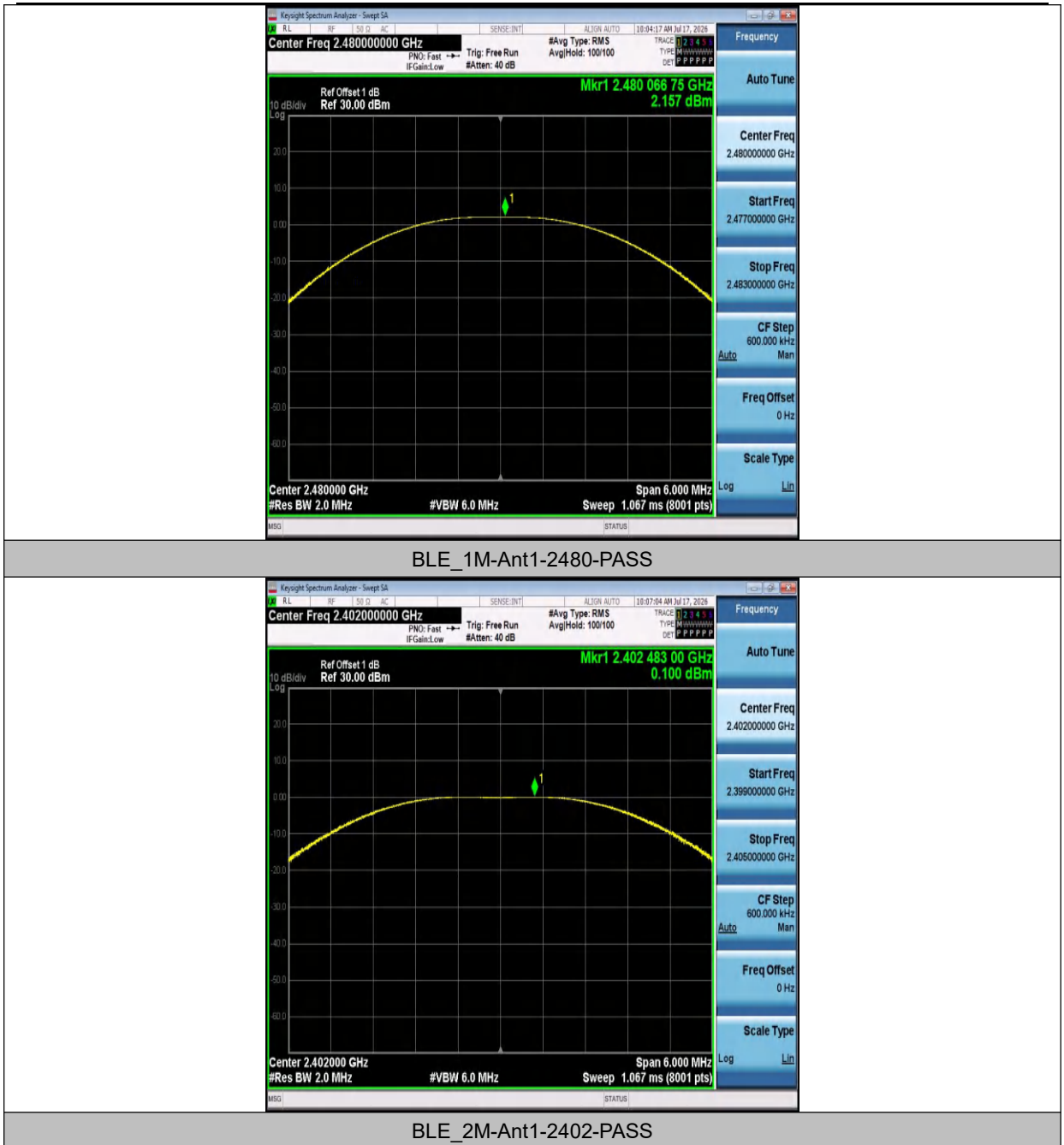
Test Graphs Peak



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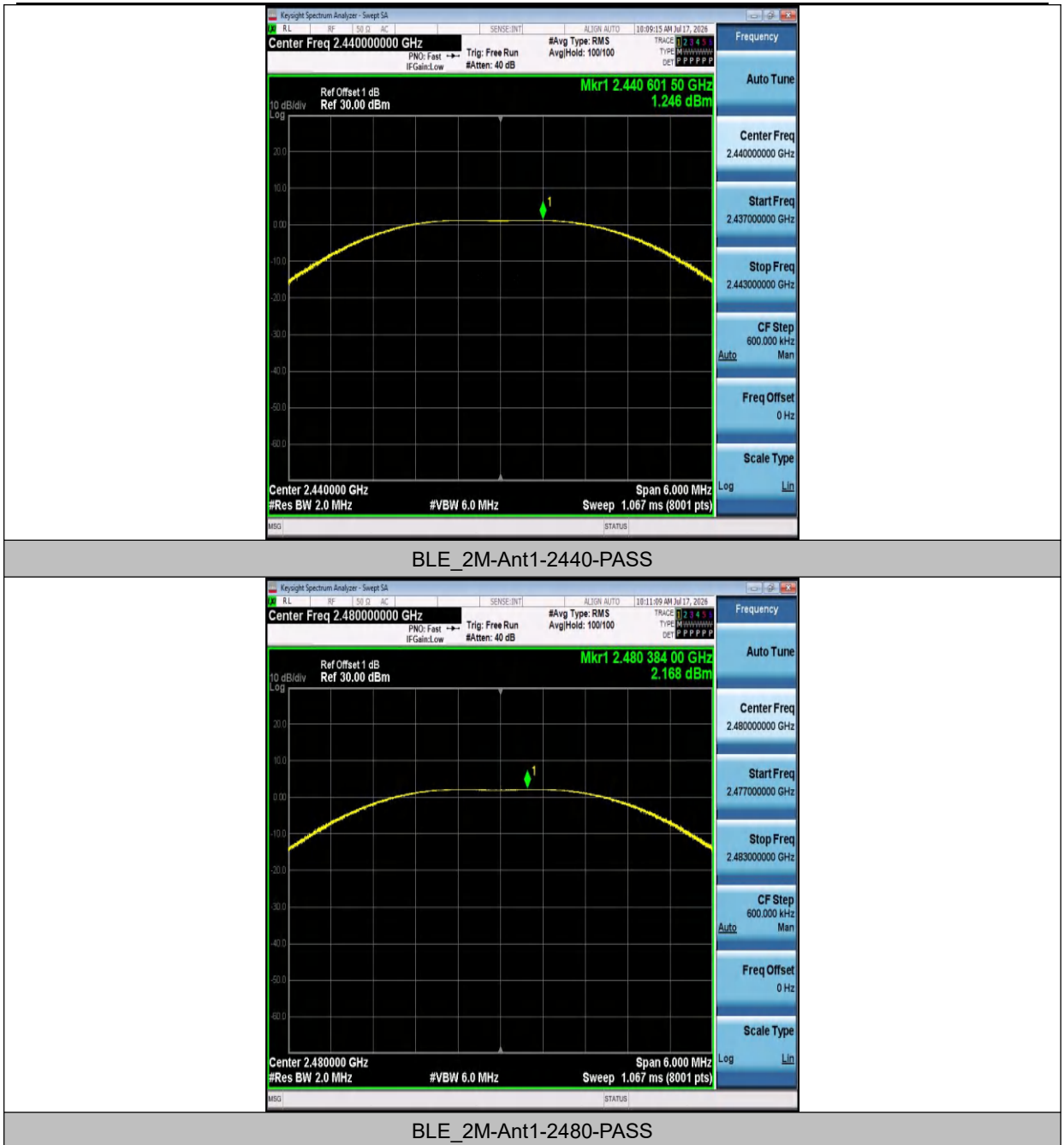
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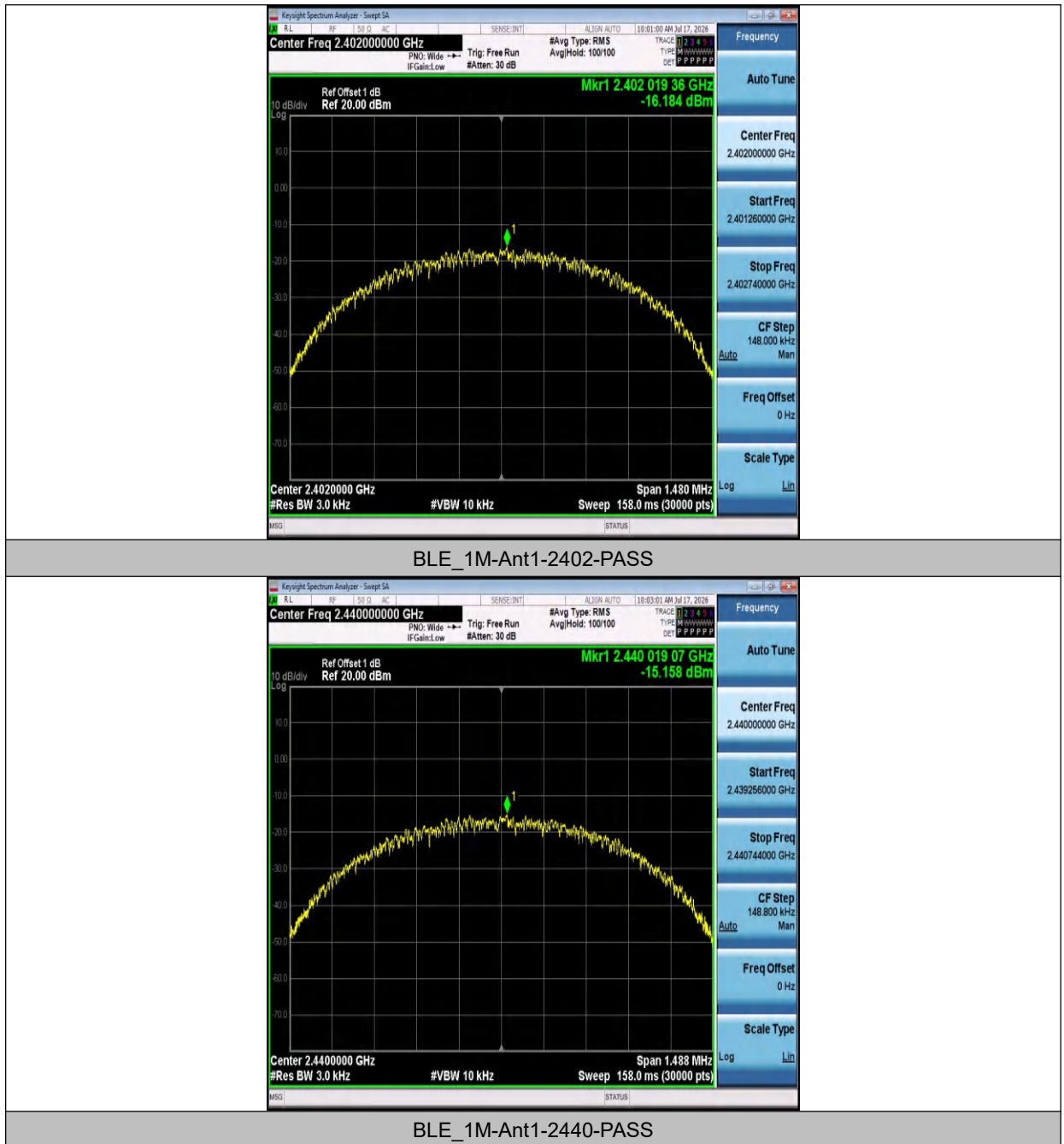
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-16.18	≤8.00	PASS
BLE_1M	Ant1	2440	-15.16	≤8.00	PASS
BLE_1M	Ant1	2480	-14.50	≤8.00	PASS
BLE_2M	Ant1	2402	-17.08	≤8.00	PASS
BLE_2M	Ant1	2440	-16.07	≤8.00	PASS
BLE_2M	Ant1	2480	-15.36	≤8.00	PASS

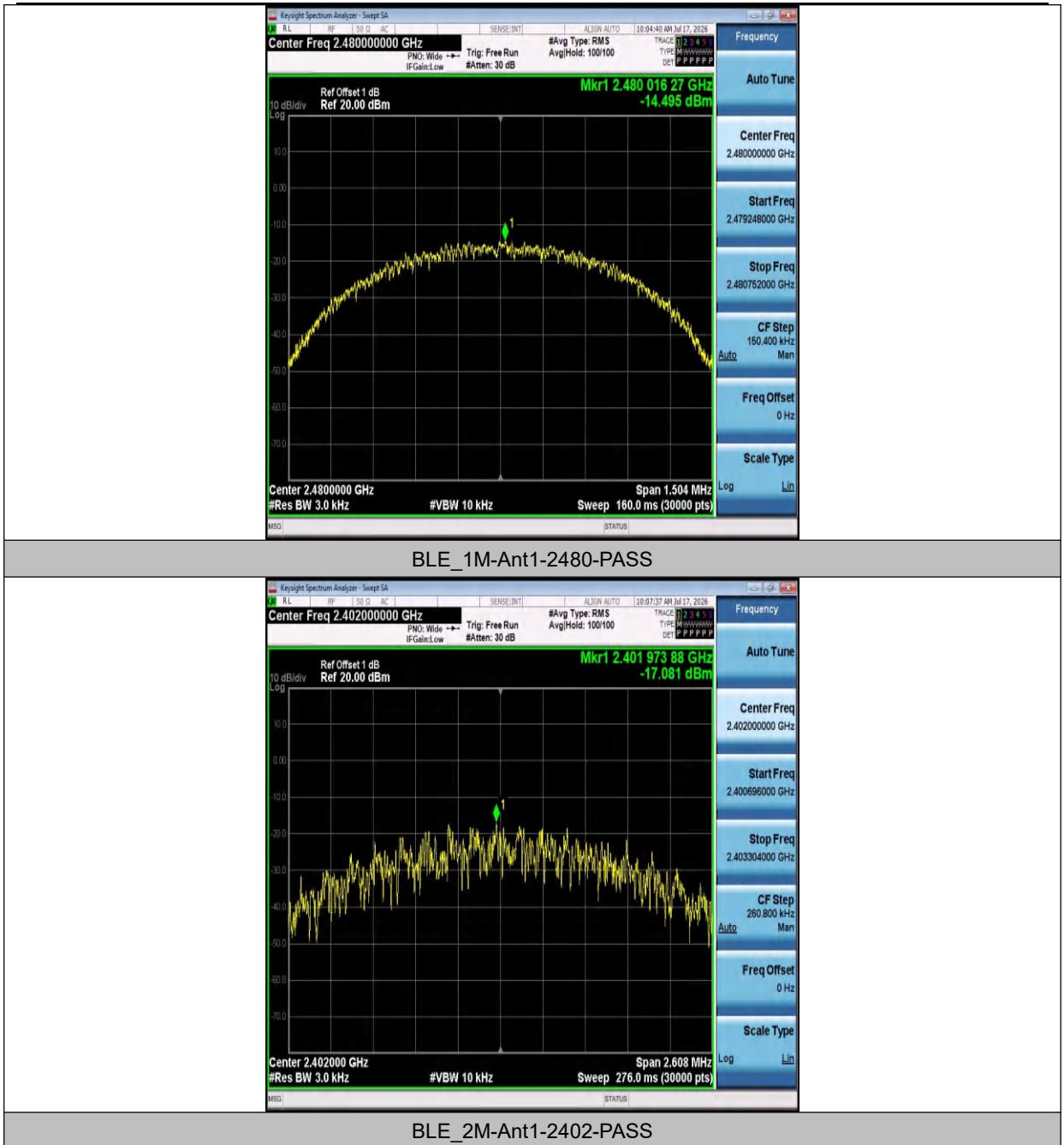
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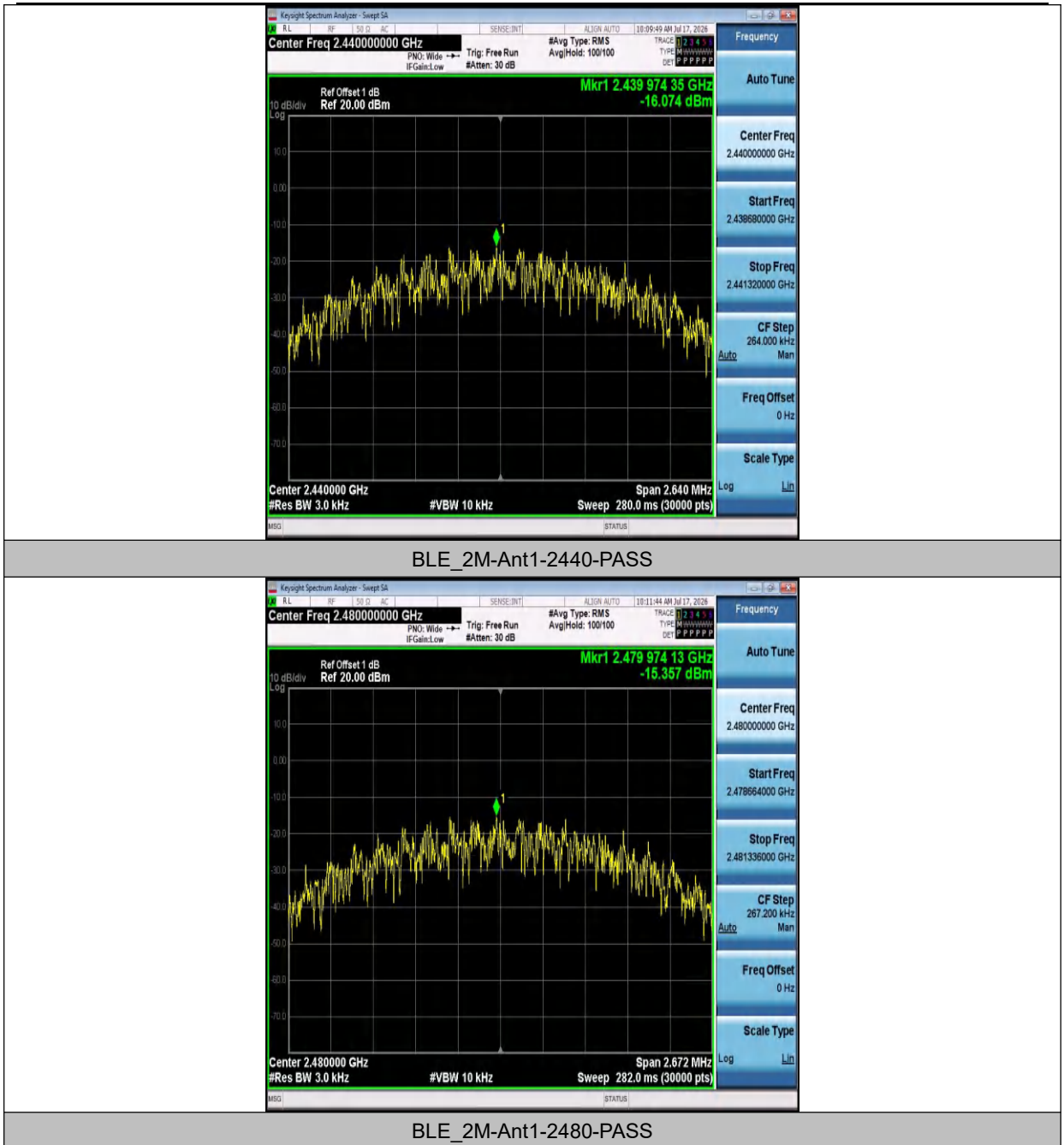
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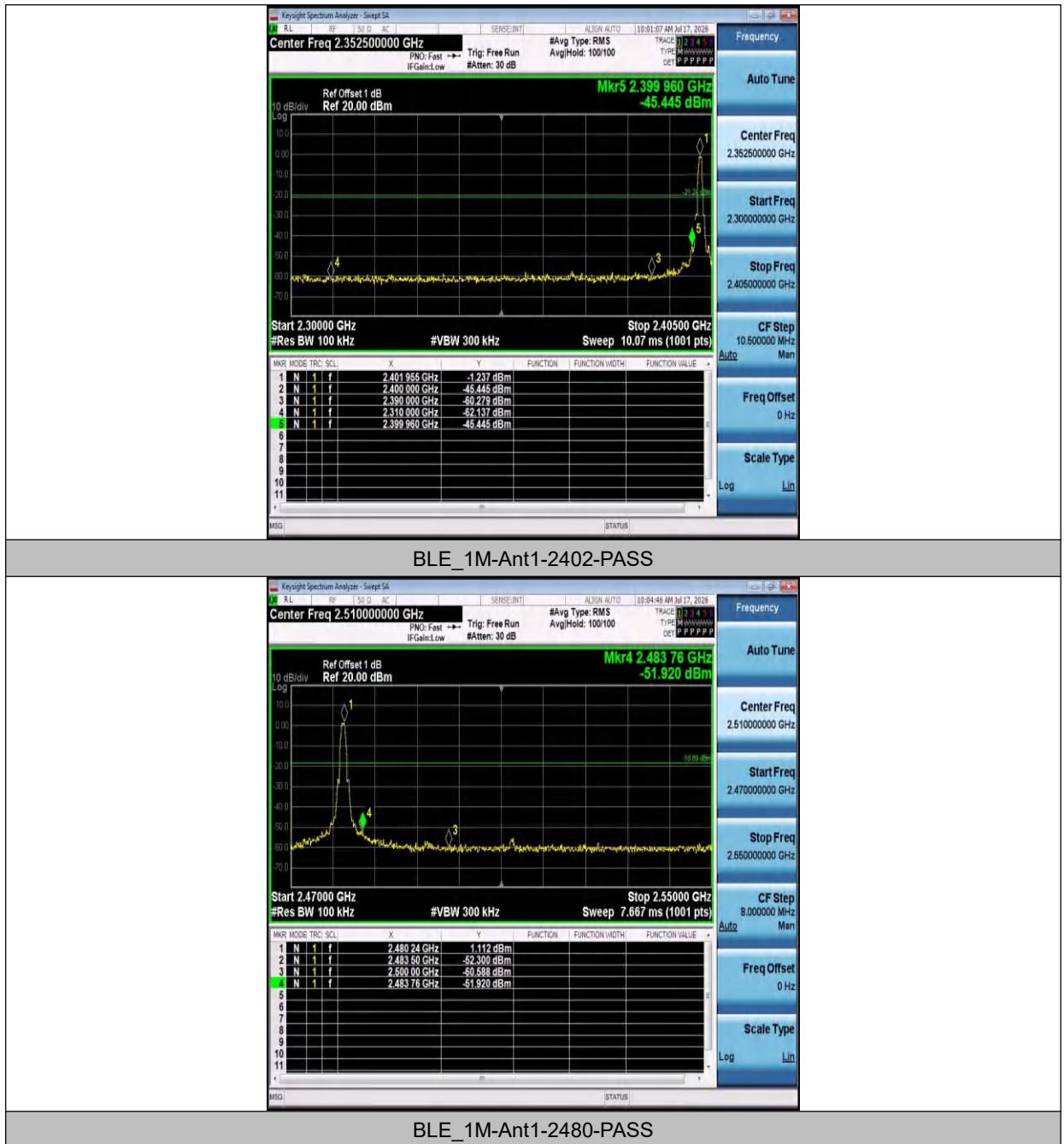
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-1.24	-45.45	≤-21.24	PASS
BLE_1M	Ant1	High	2480	1.11	-51.92	≤-18.89	PASS
BLE_2M	Ant1	Low	2402	-2.37	-30.38	≤-22.37	PASS
BLE_2M	Ant1	High	2480	-0.78	-51.49	≤-20.78	PASS

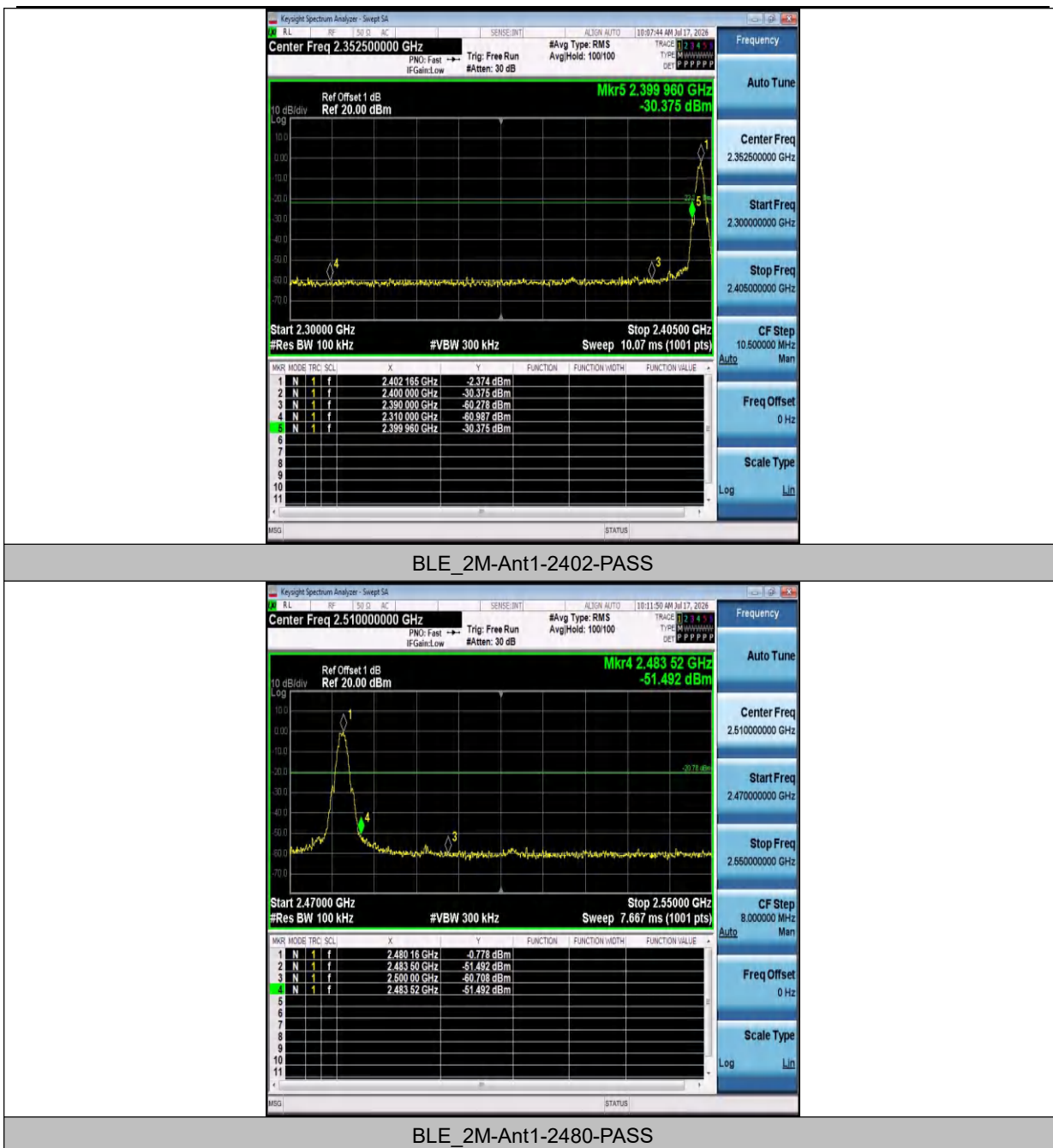
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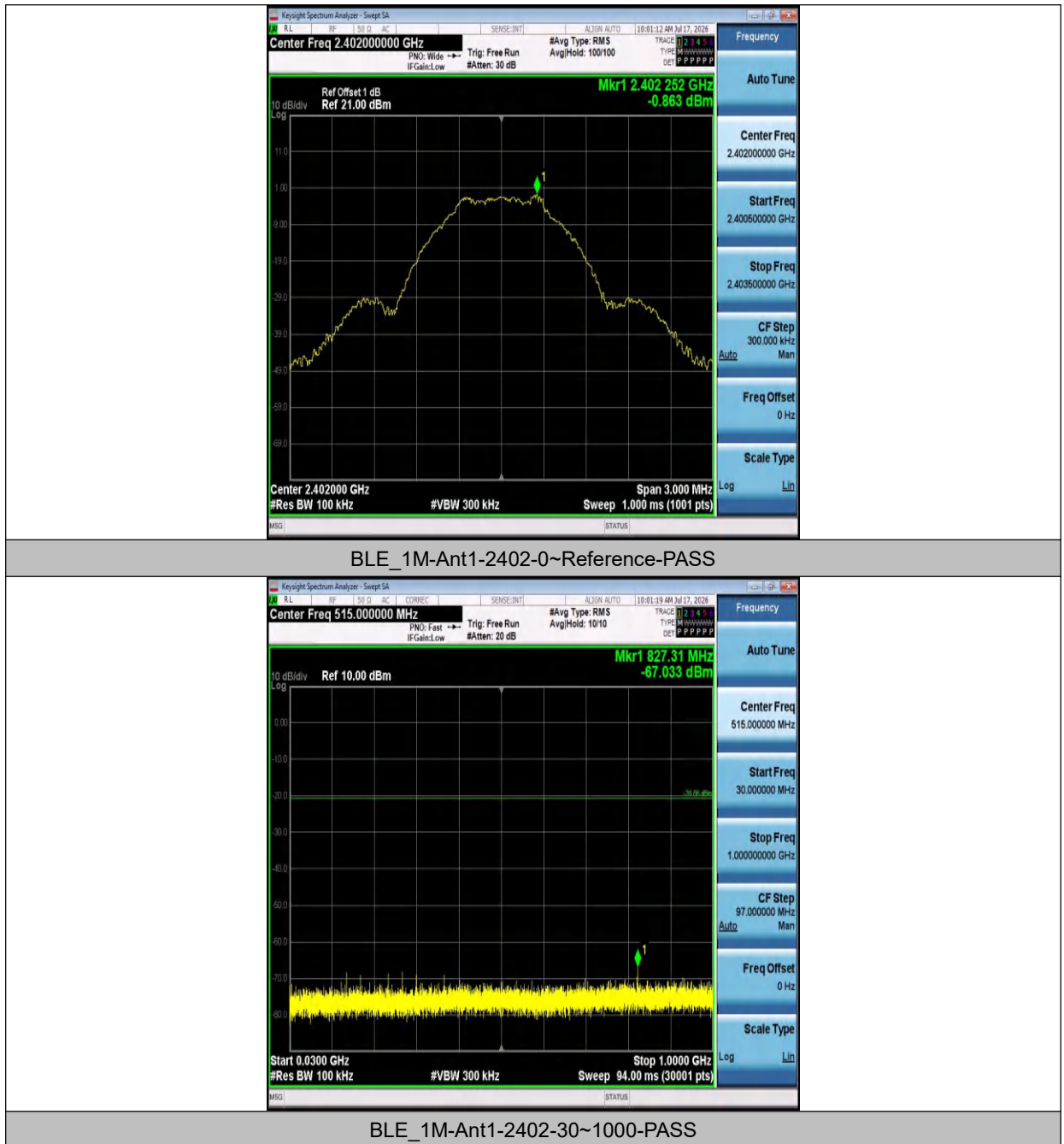
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-0.86	-0.86	---	PASS
BLE_1M	Ant1	2402	30~1000	-0.86	-67.03	≤-20.86	PASS
BLE_1M	Ant1	2402	1000~26500	-0.86	-23.22	≤-20.86	PASS
BLE_1M	Ant1	2440	0~Reference	0.15	0.15	---	PASS
BLE_1M	Ant1	2440	30~1000	0.15	-62.41	≤-19.85	PASS
BLE_1M	Ant1	2440	1000~26500	0.15	-24.06	≤-19.85	PASS
BLE_1M	Ant1	2480	0~Reference	1.29	1.29	---	PASS
BLE_1M	Ant1	2480	30~1000	1.29	-68.47	≤-18.71	PASS
BLE_1M	Ant1	2480	1000~26500	1.29	-22.07	≤-18.71	PASS
BLE_2M	Ant1	2402	0~Reference	-2.92	-2.92	---	PASS
BLE_2M	Ant1	2402	30~1000	-2.92	-65.72	≤-22.92	PASS
BLE_2M	Ant1	2402	1000~26500	-2.92	-26.16	≤-22.92	PASS
BLE_2M	Ant1	2440	0~Reference	-1.94	-1.94	---	PASS
BLE_2M	Ant1	2440	30~1000	-1.94	-68.71	≤-21.94	PASS
BLE_2M	Ant1	2440	1000~26500	-1.94	-25.83	≤-21.94	PASS
BLE_2M	Ant1	2480	0~Reference	-1.33	-1.33	---	PASS
BLE_2M	Ant1	2480	30~1000	-1.33	-67.67	≤-21.33	PASS
BLE_2M	Ant1	2480	1000~26500	-1.33	-23.81	≤-21.33	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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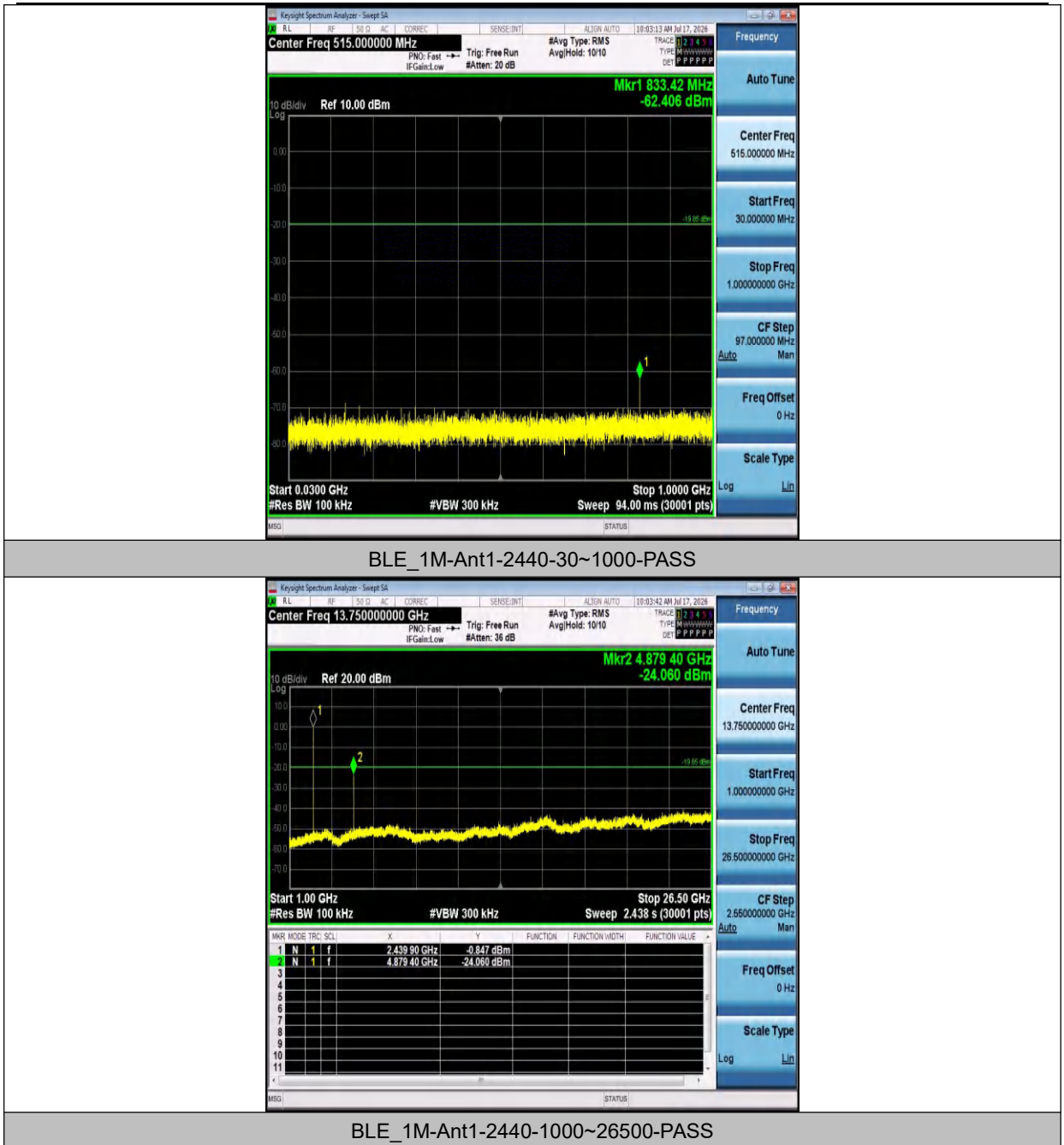
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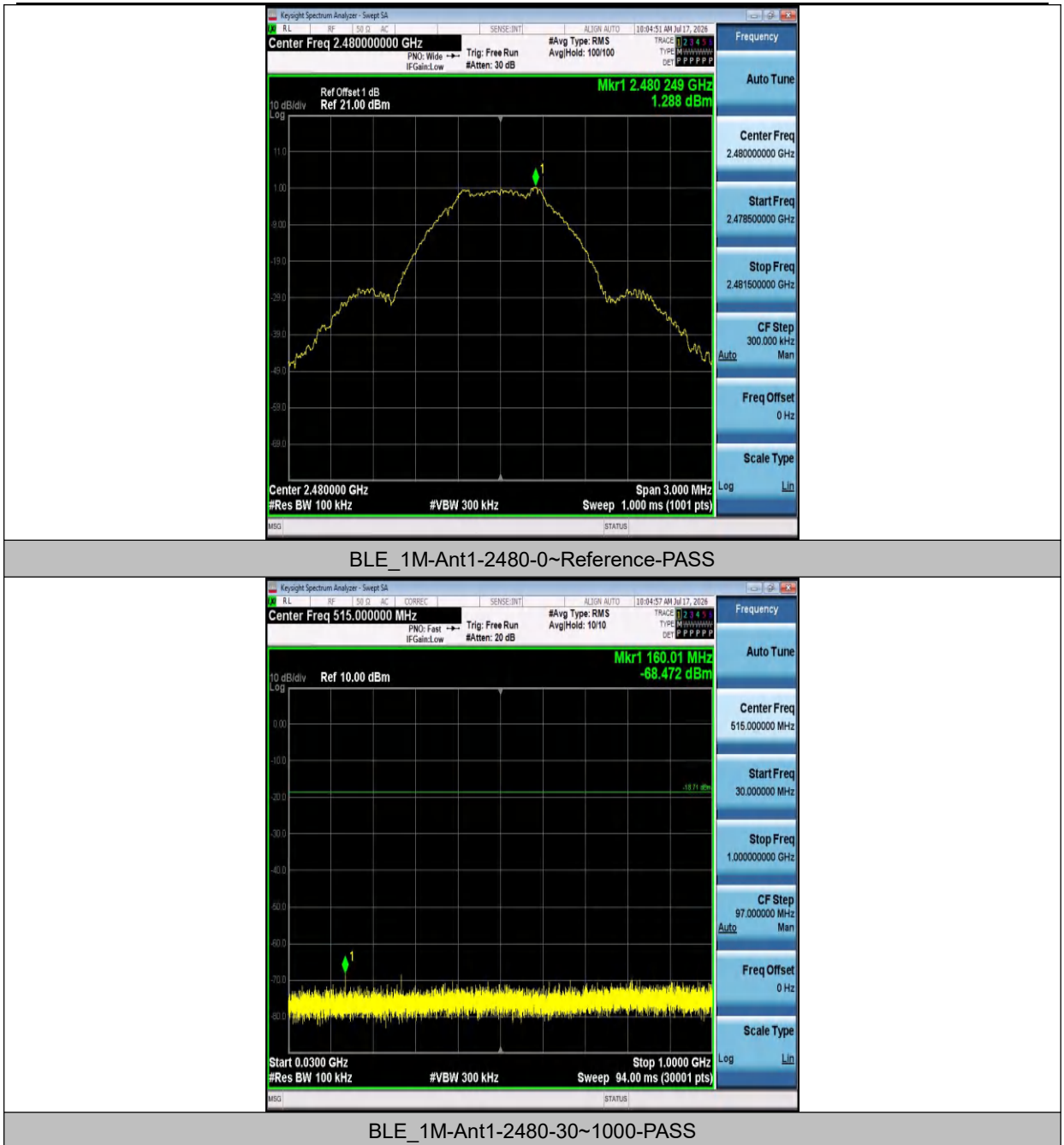
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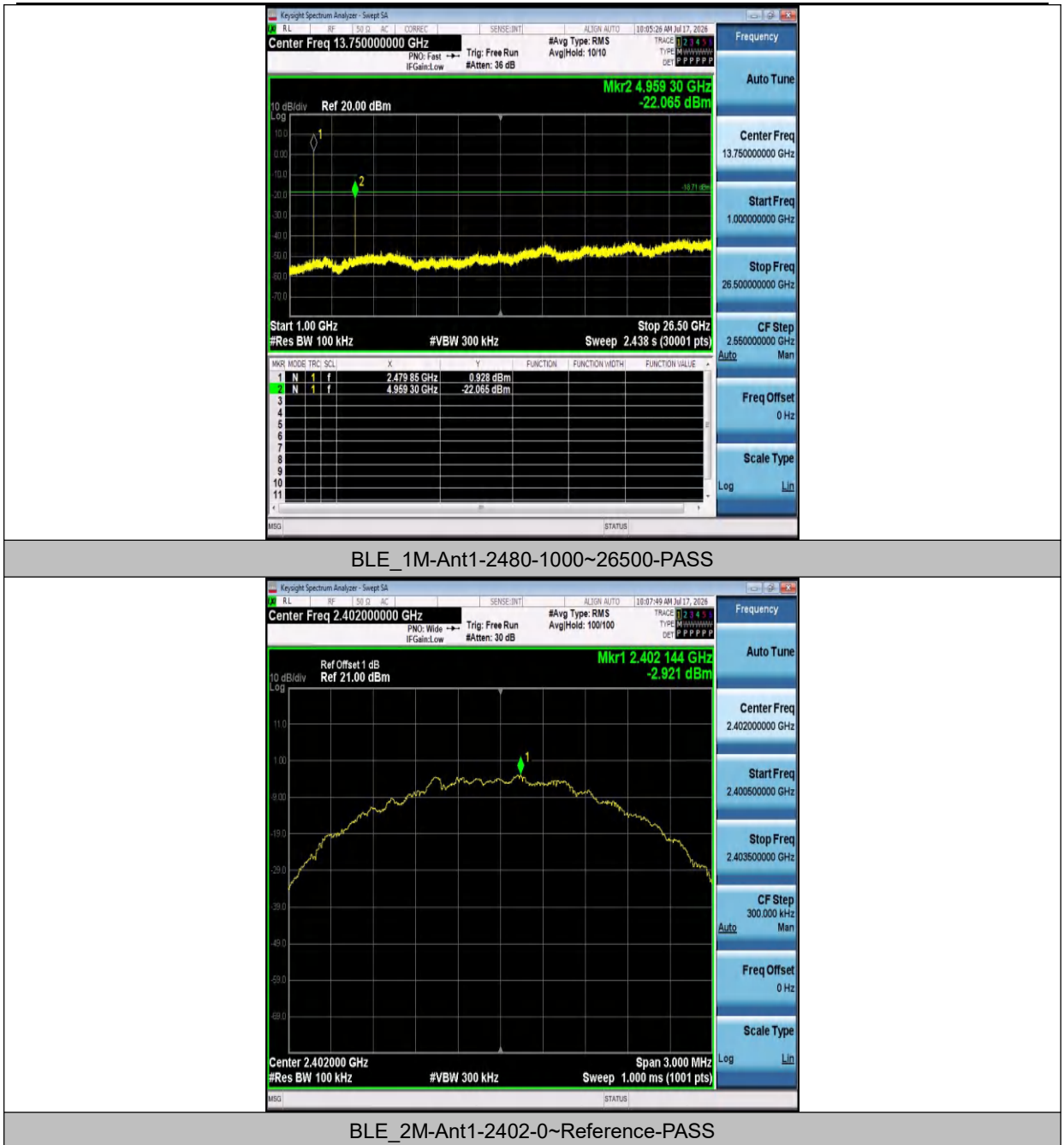
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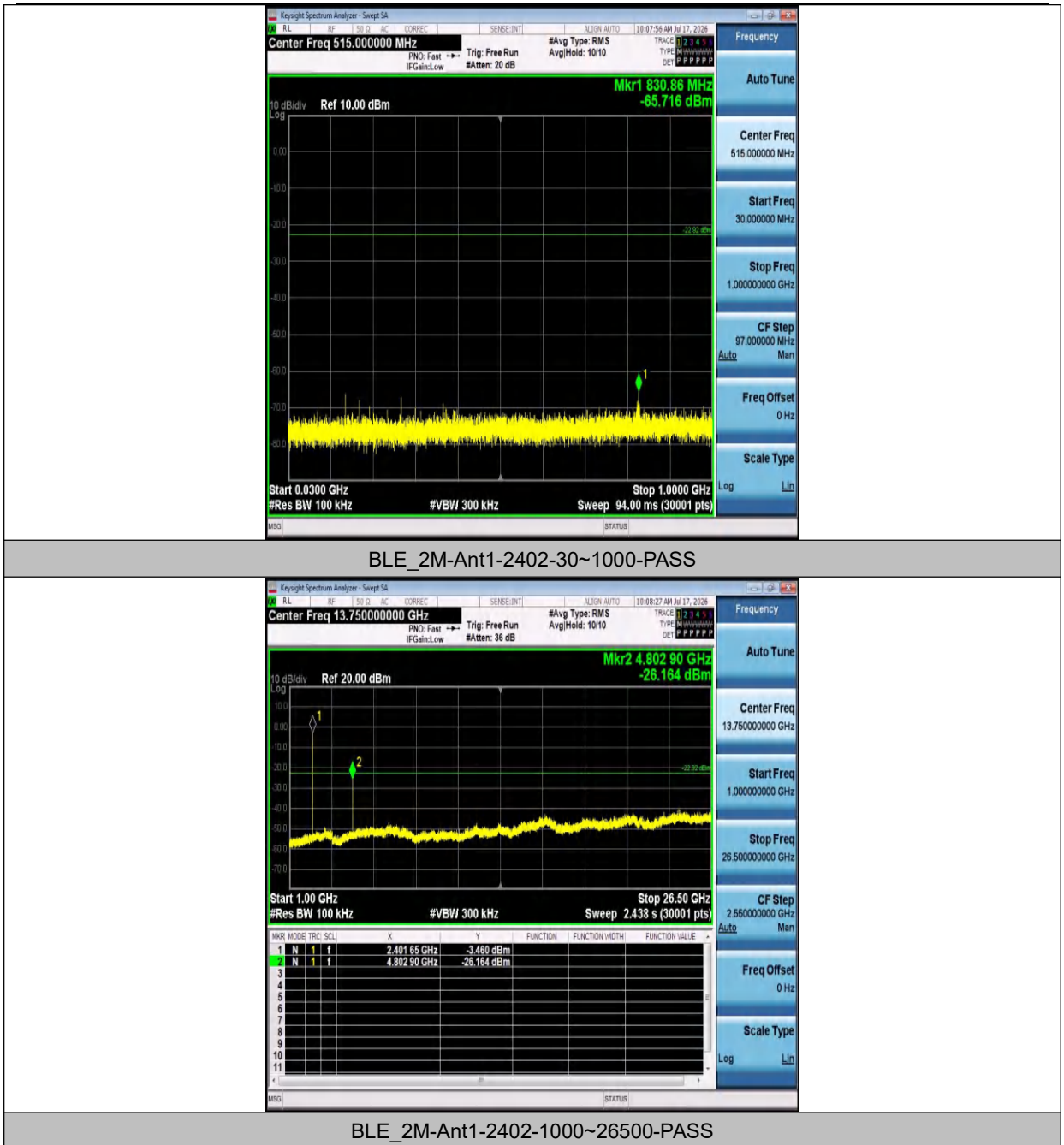
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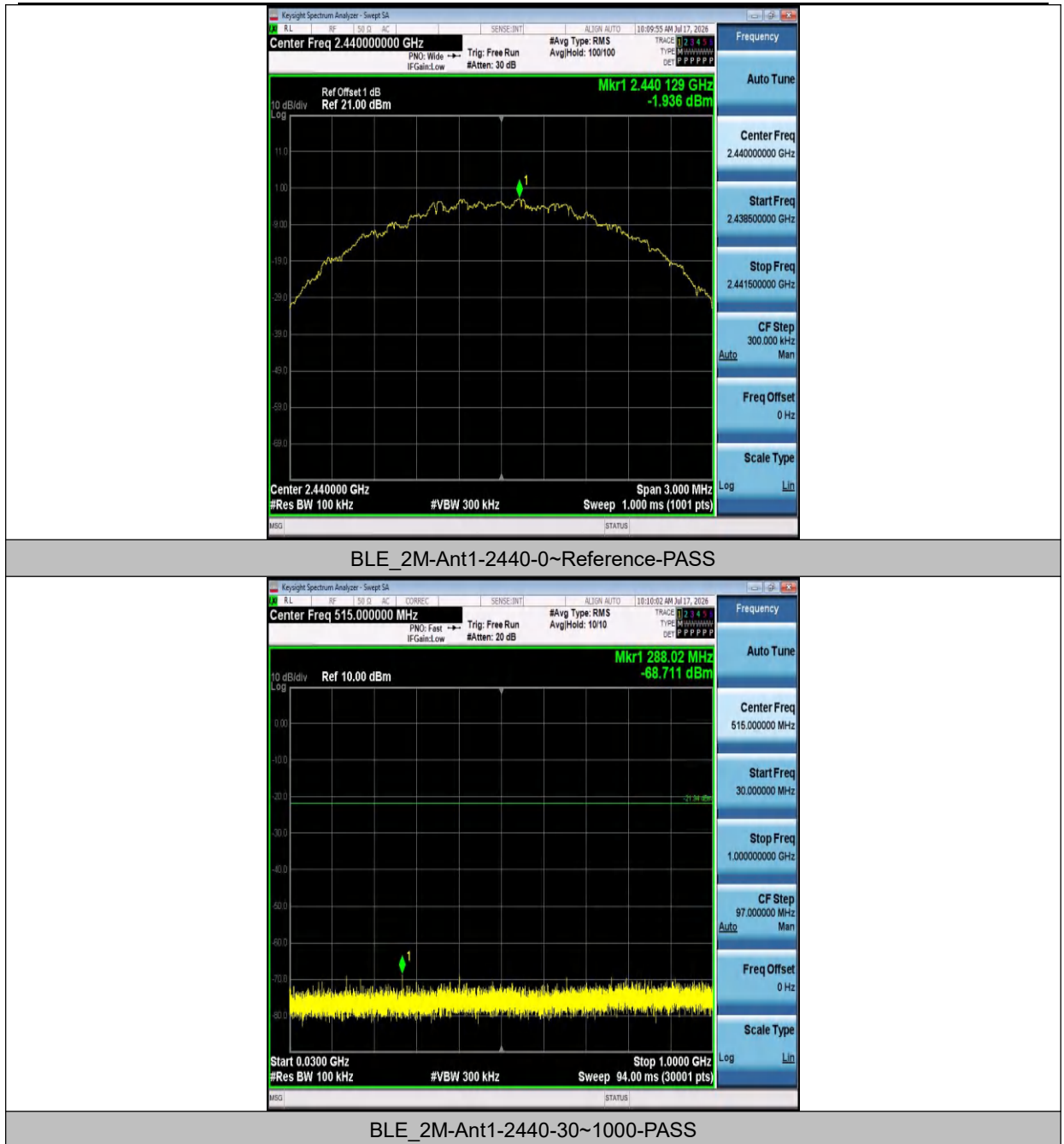
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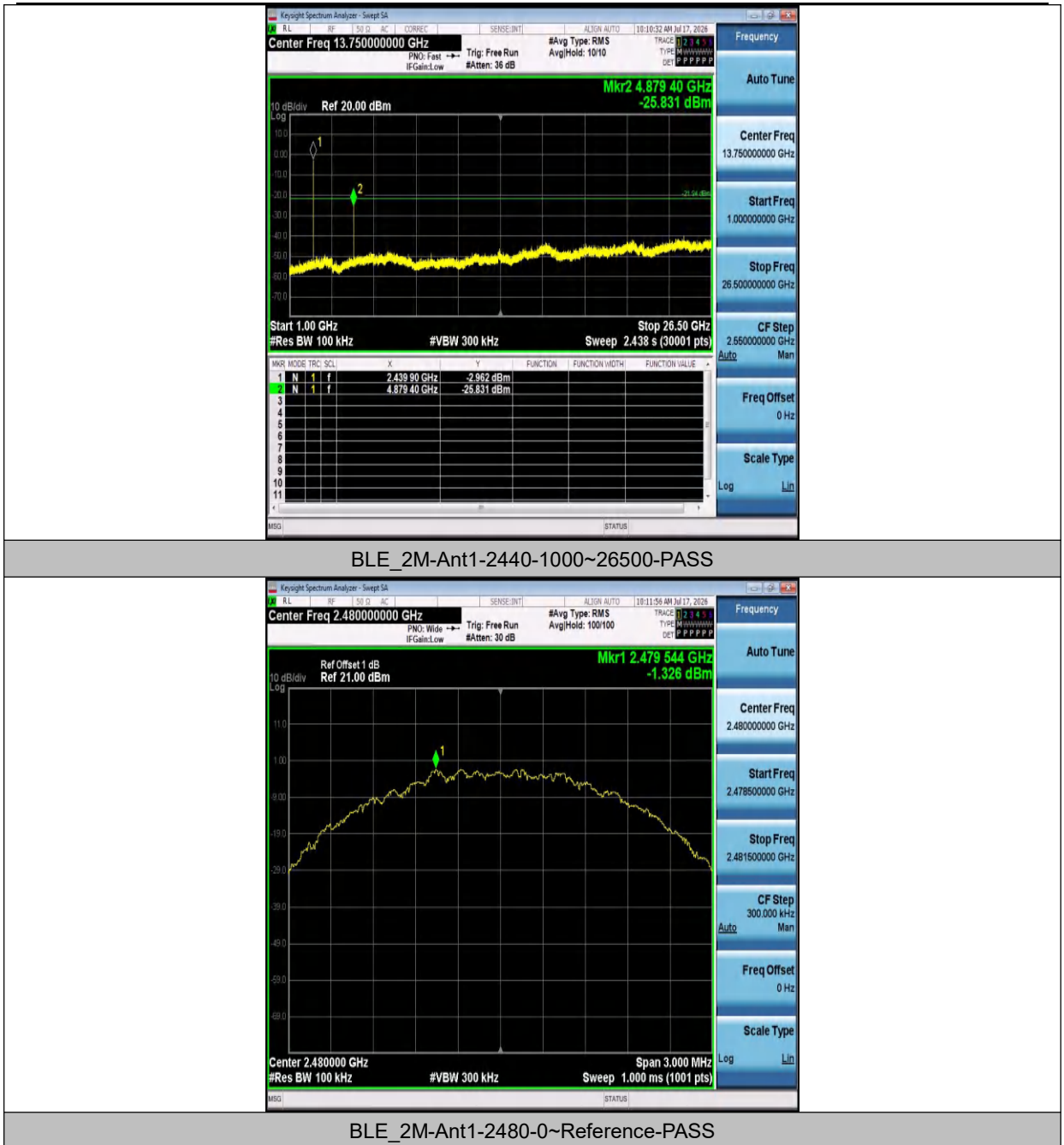
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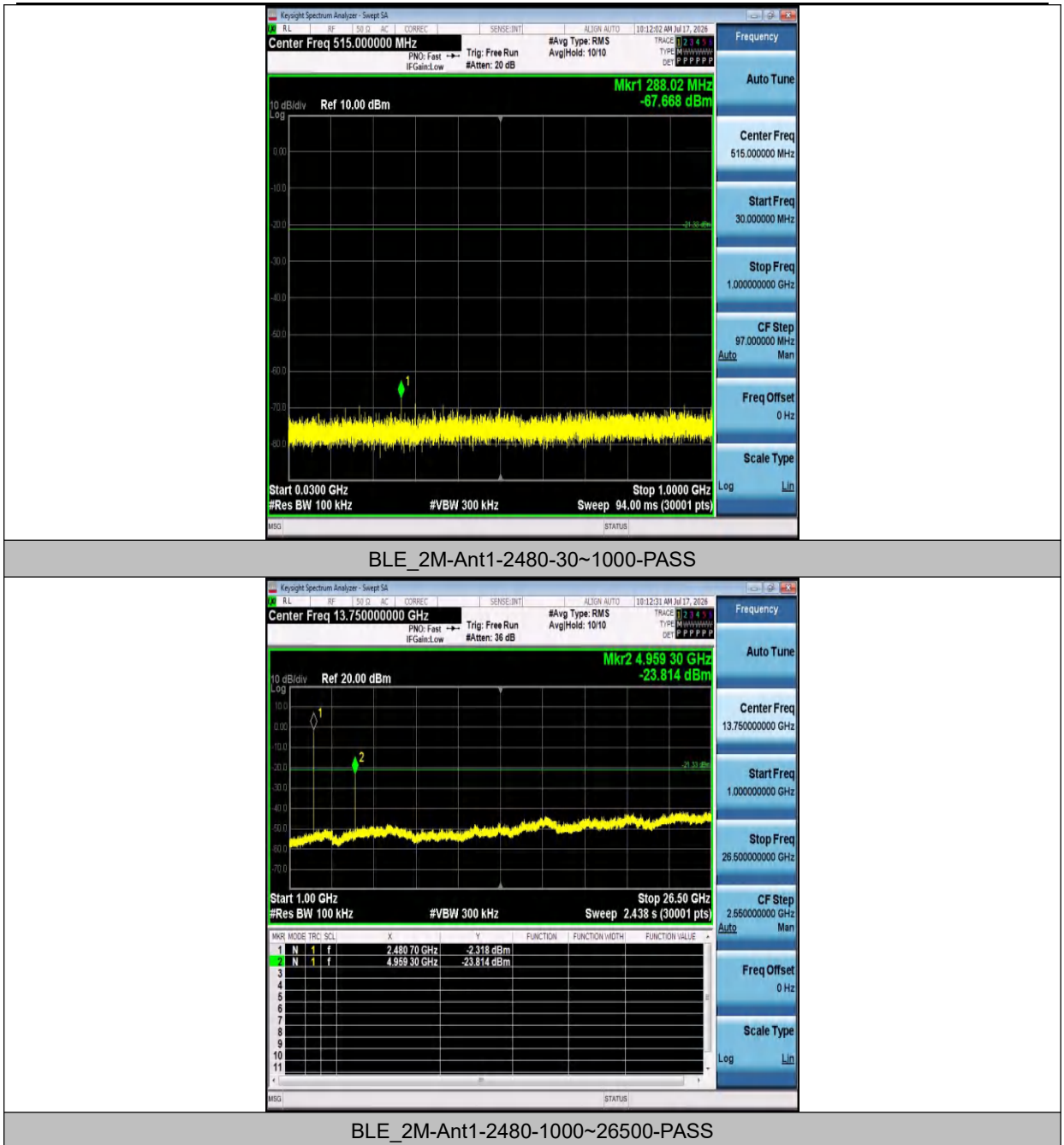
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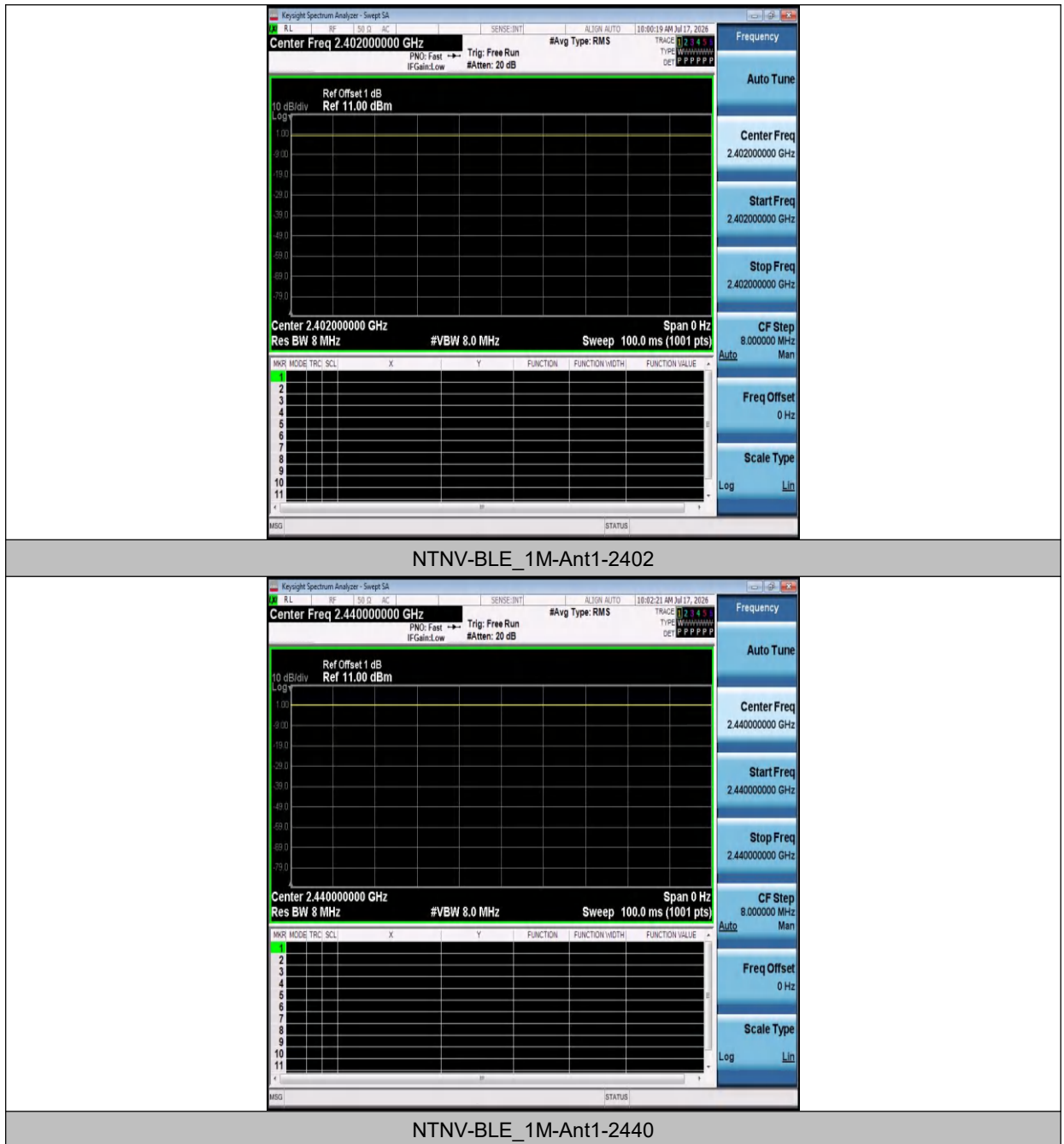
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Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	100.00	100.00	100.00	0.00
BLE_1M	Ant1	2440	100.00	100.00	100.00	0.00
BLE_1M	Ant1	2480	100.00	100.00	100.00	0.00
BLE_2M	Ant1	2402	100.00	100.00	100.00	0.00
BLE_2M	Ant1	2440	100.00	100.00	100.00	0.00
BLE_2M	Ant1	2480	100.00	100.00	100.00	0.00

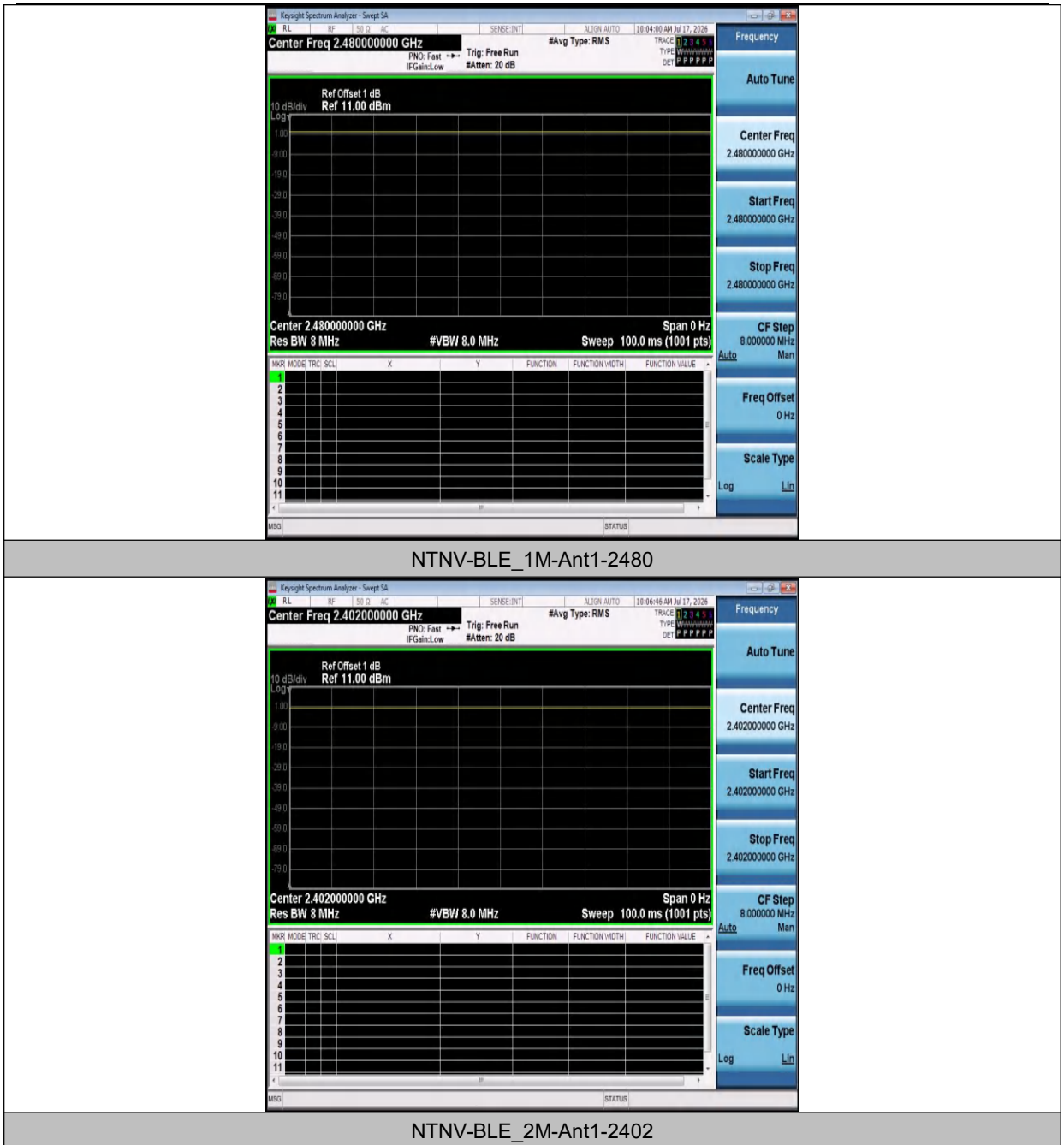
Test Graphs



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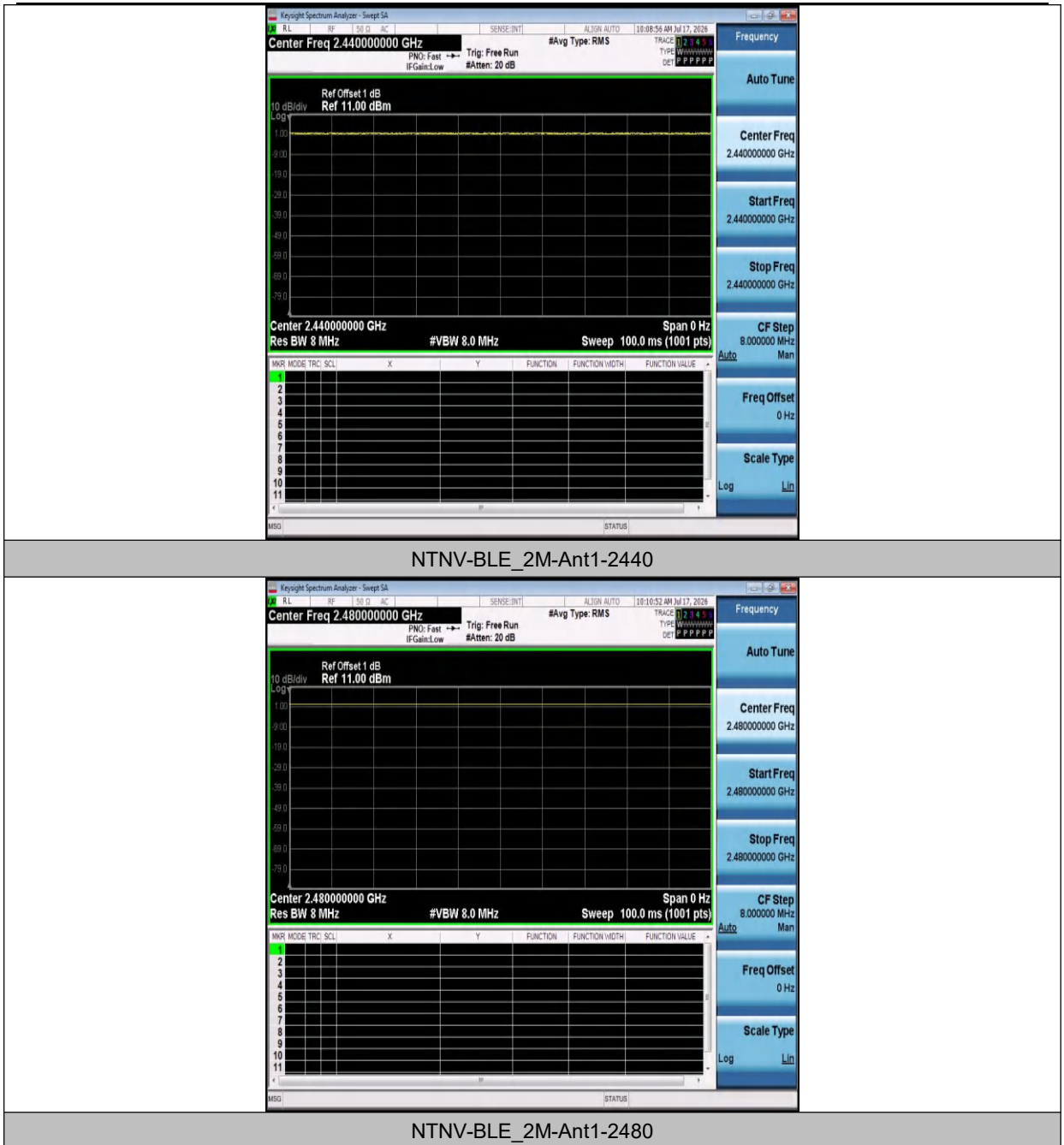
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