

Appendix Test Data

Report No.:	1818C60100112501-01	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		

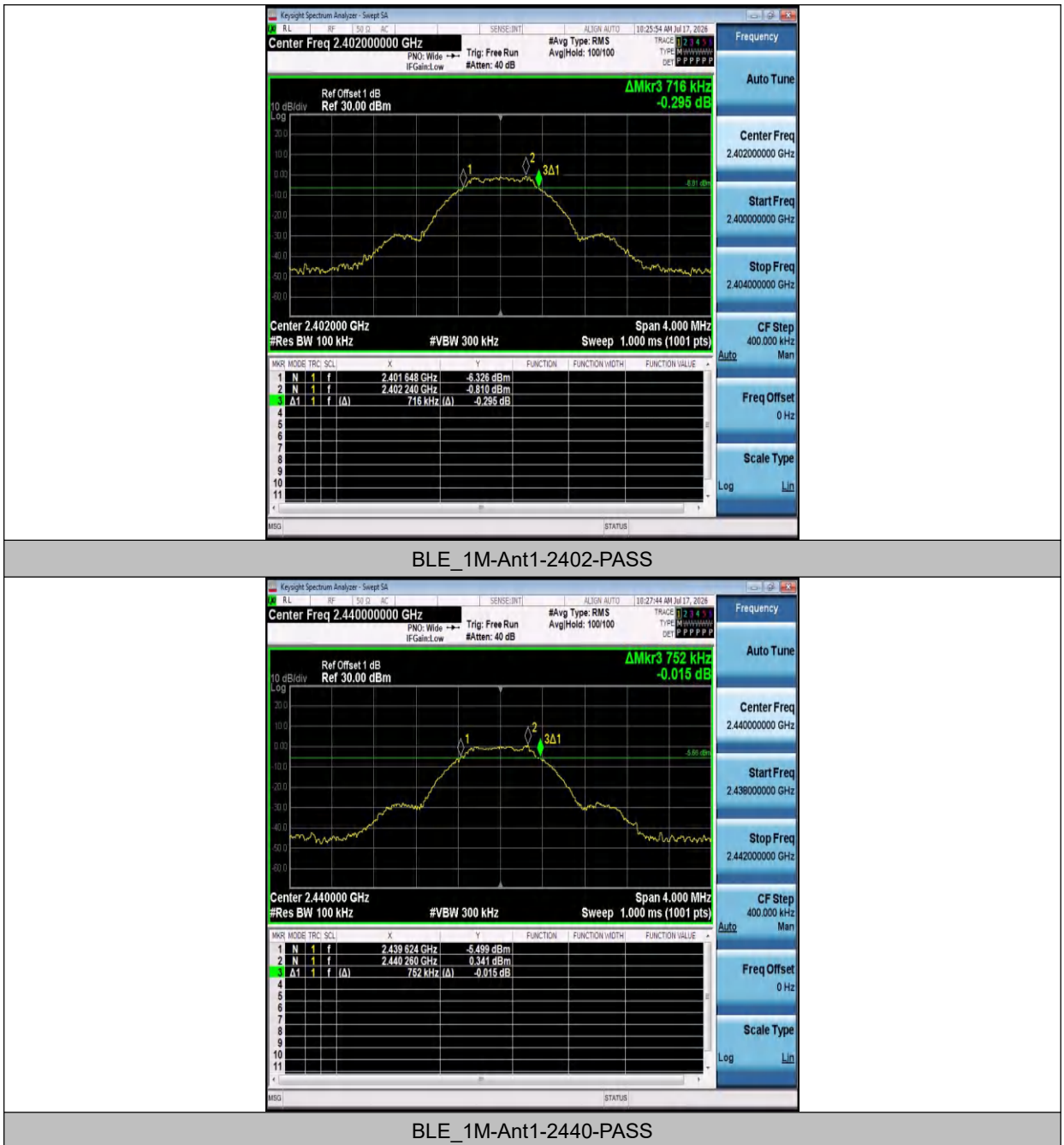


Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.716	2401.648	2402.364	0.5	PASS
BLE_1M	Ant1	2440	0.752	2439.624	2440.376	0.5	PASS
BLE_1M	Ant1	2480	0.732	2479.620	2480.352	0.5	PASS
BLE_2M	Ant1	2402	1.316	2401.352	2402.668	0.5	PASS
BLE_2M	Ant1	2440	1.332	2439.340	2440.672	0.5	PASS
BLE_2M	Ant1	2480	1.340	2479.332	2480.672	0.5	PASS

Test Graphs



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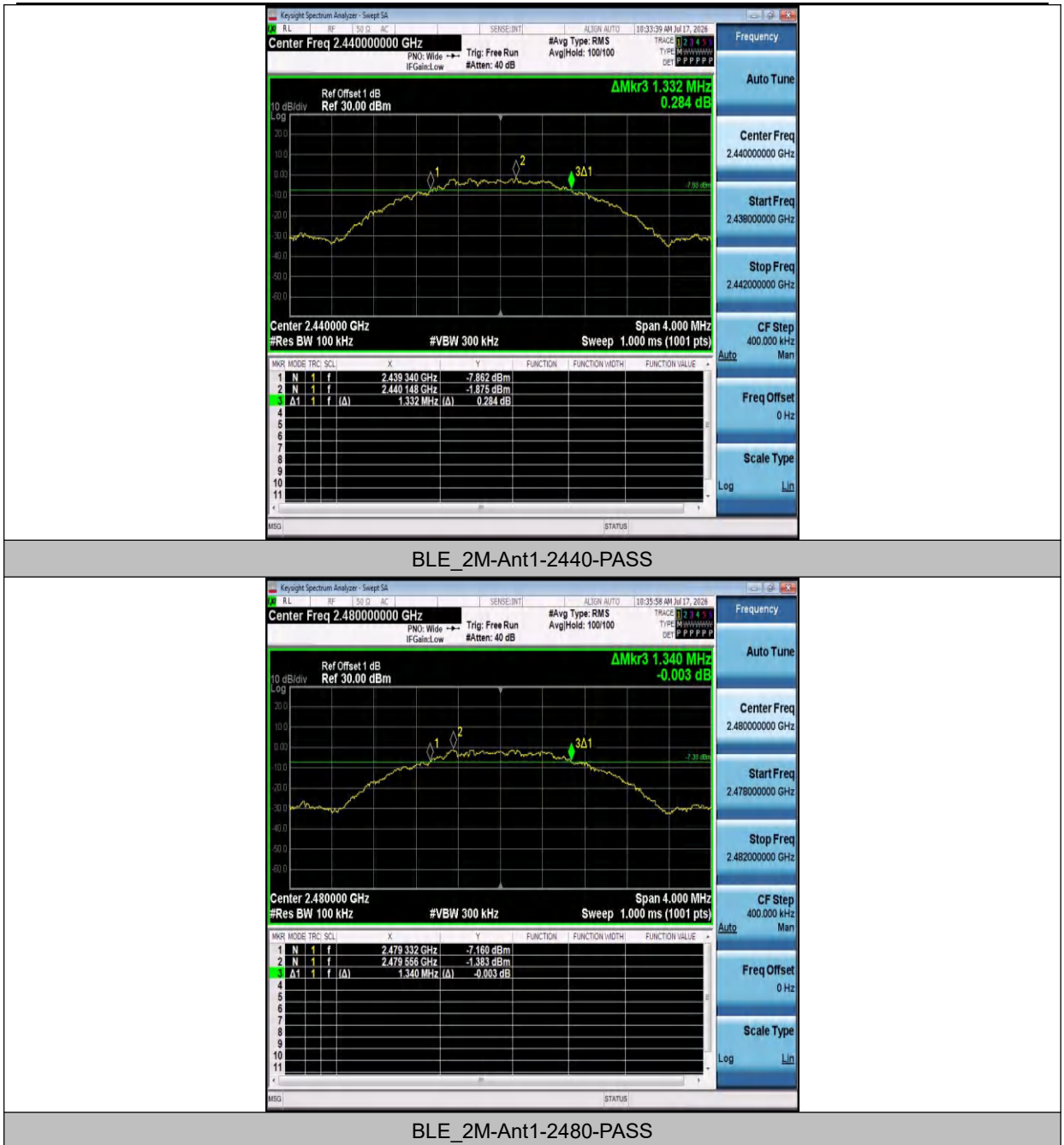
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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0772	2401.4647	2402.5419	---	---
BLE_1M	Ant1	2440	1.0822	2439.4599	2440.5421	---	---
BLE_1M	Ant1	2480	1.0993	2479.4537	2480.5530	---	---
BLE_2M	Ant1	2402	2.2245	2400.8929	2403.1174	---	---
BLE_2M	Ant1	2440	2.2443	2438.8759	2441.1202	---	---
BLE_2M	Ant1	2480	2.2761	2478.8534	2481.1295	---	---

Test Graphs



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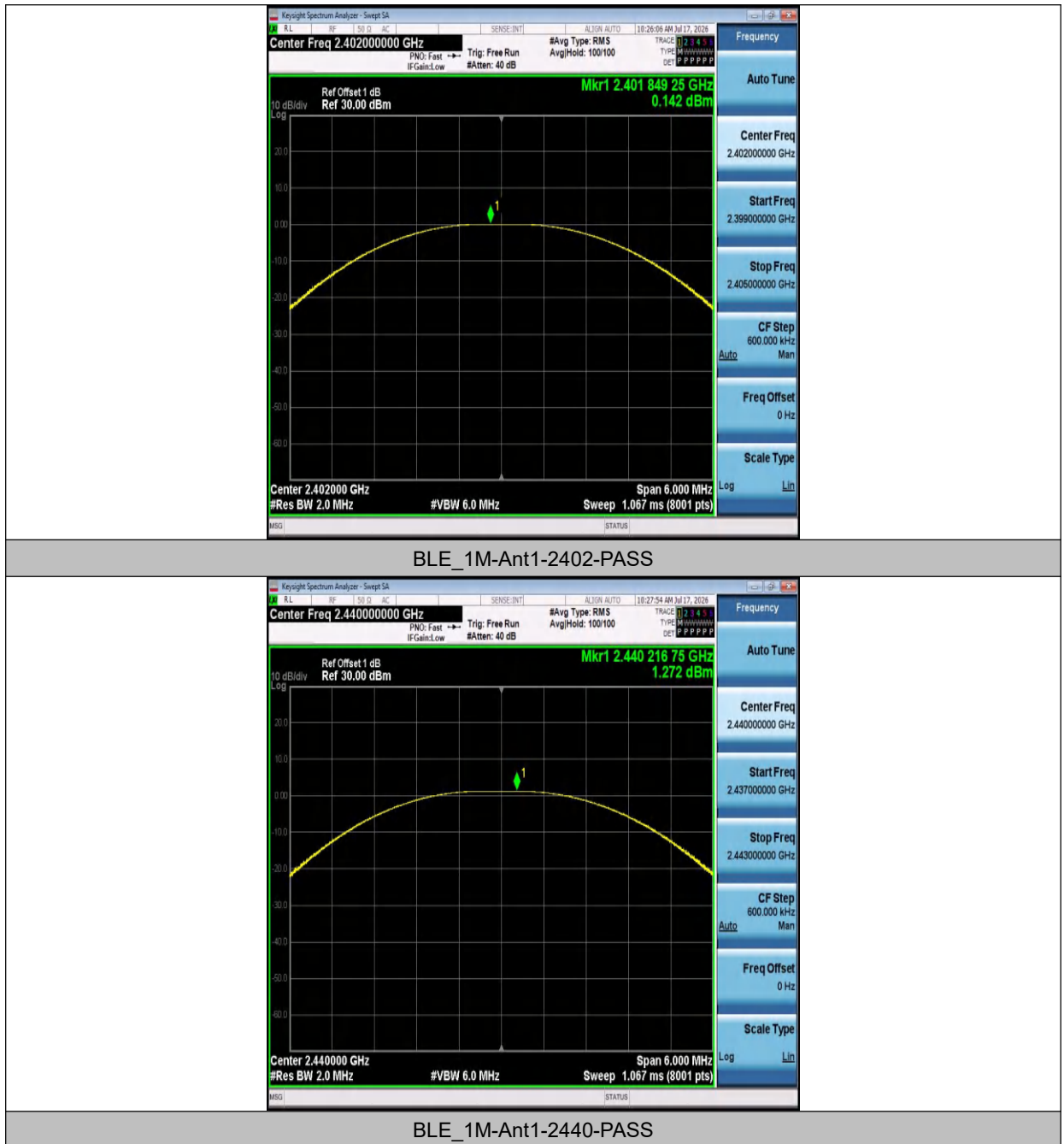
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Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0.14	≤30	PASS
BLE_1M	Ant1	2440	1.27	≤30	PASS
BLE_1M	Ant1	2480	2.19	≤30	PASS
BLE_2M	Ant1	2402	0.14	≤30	PASS
BLE_2M	Ant1	2440	1.25	≤30	PASS
BLE_2M	Ant1	2480	2.18	≤30	PASS

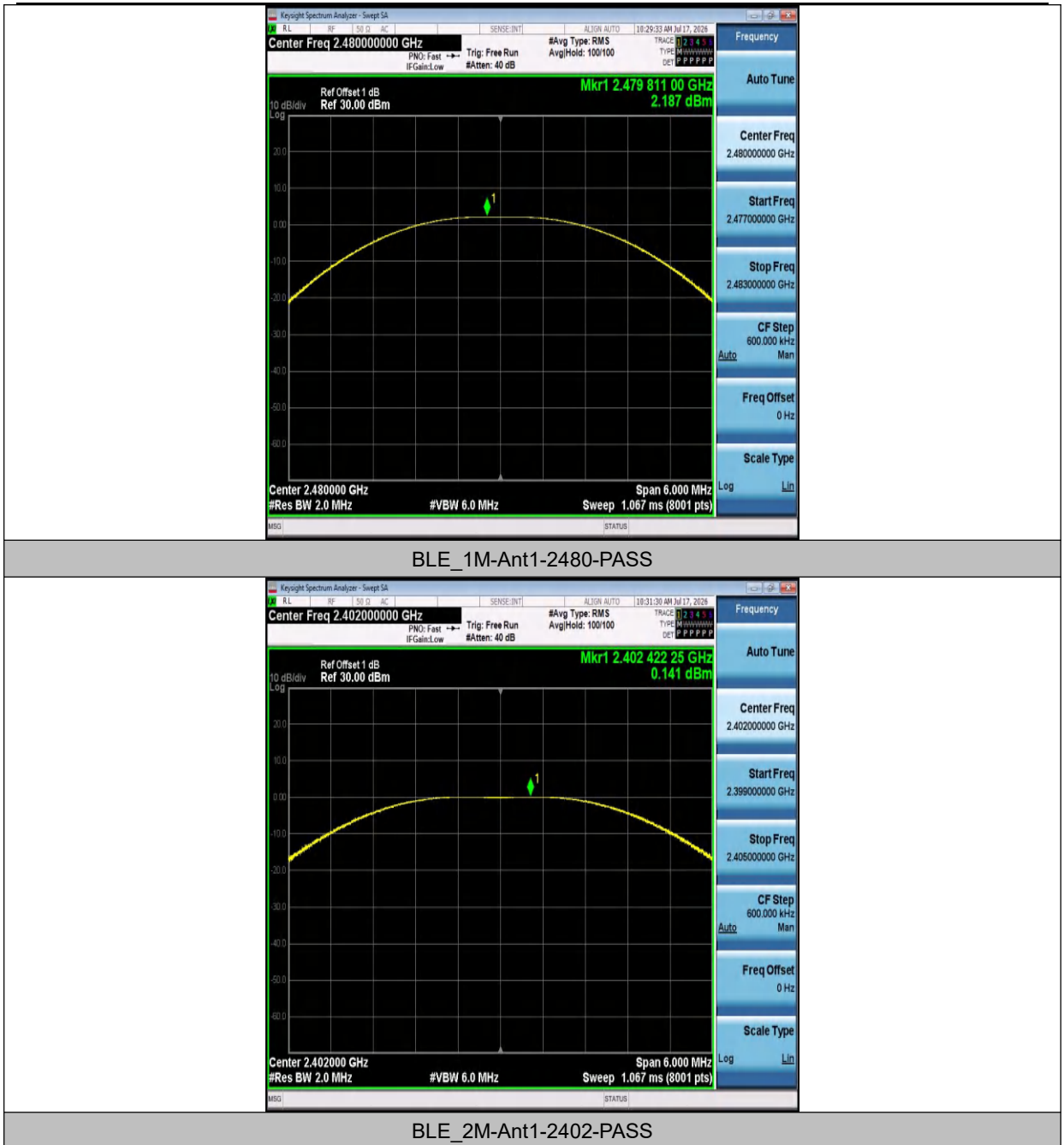
Test Graphs Peak



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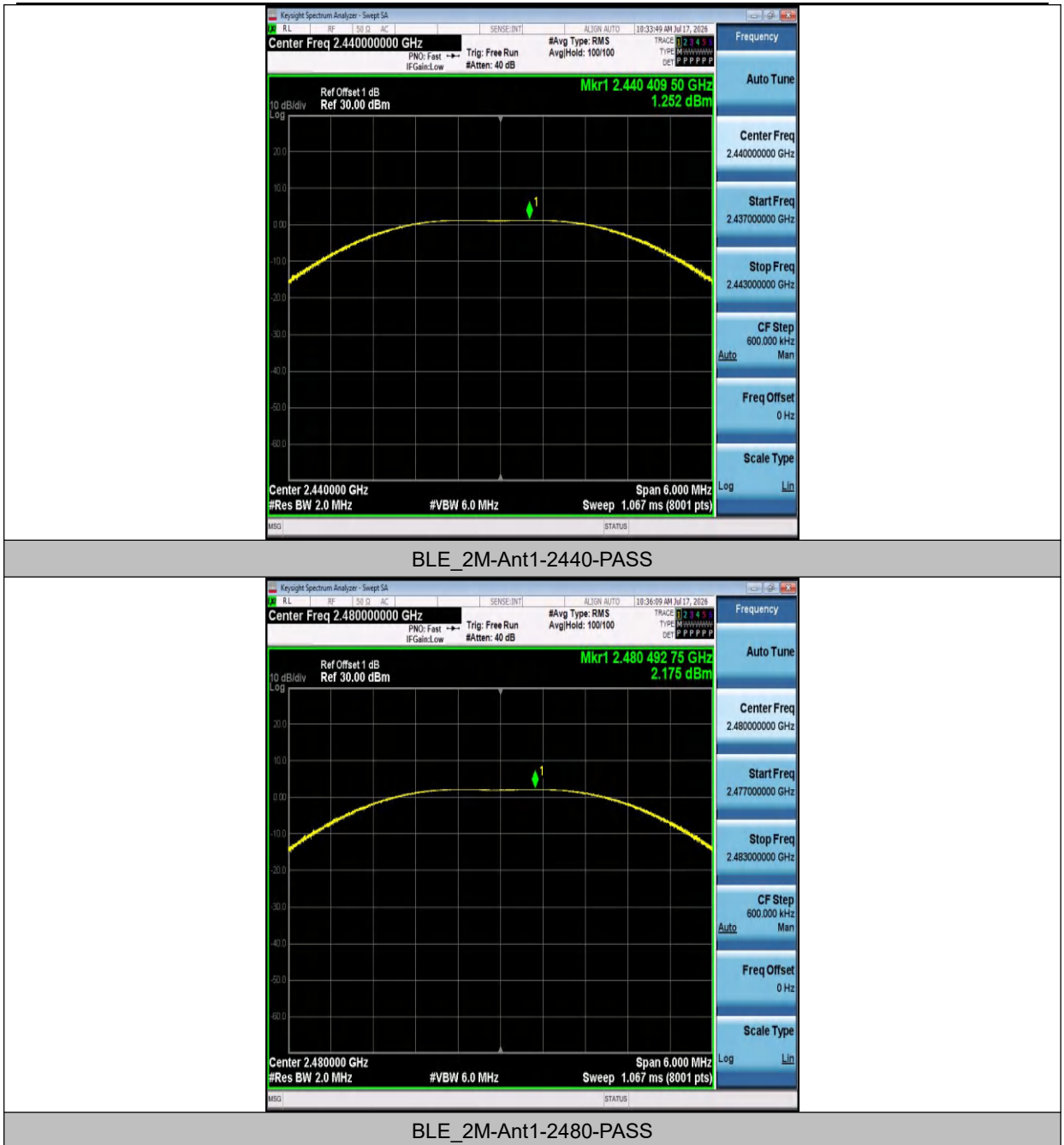
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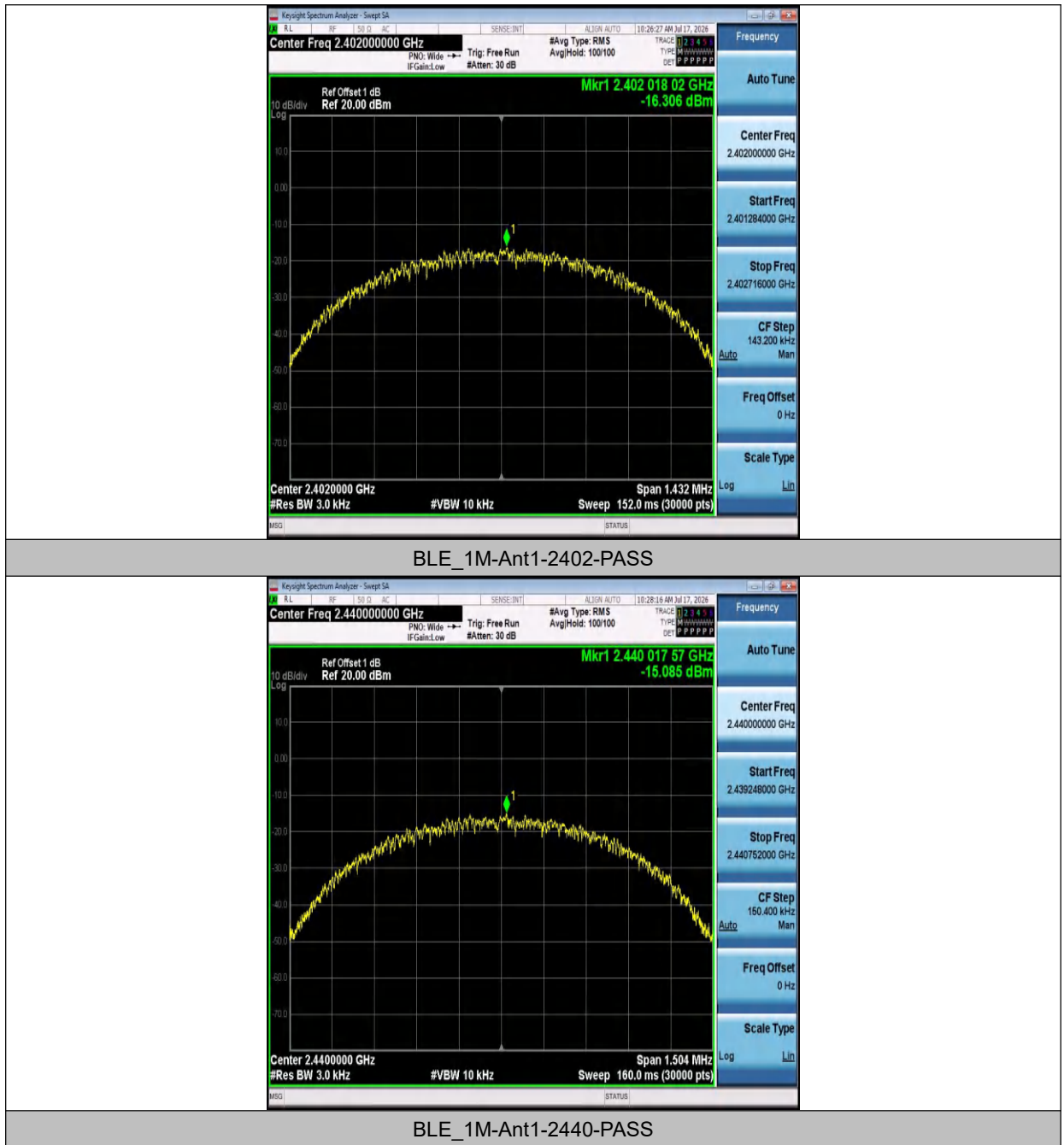
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-16.31	≤8.00	PASS
BLE_1M	Ant1	2440	-15.09	≤8.00	PASS
BLE_1M	Ant1	2480	-14.17	≤8.00	PASS
BLE_2M	Ant1	2402	-17.15	≤8.00	PASS
BLE_2M	Ant1	2440	-16.12	≤8.00	PASS
BLE_2M	Ant1	2480	-15.26	≤8.00	PASS

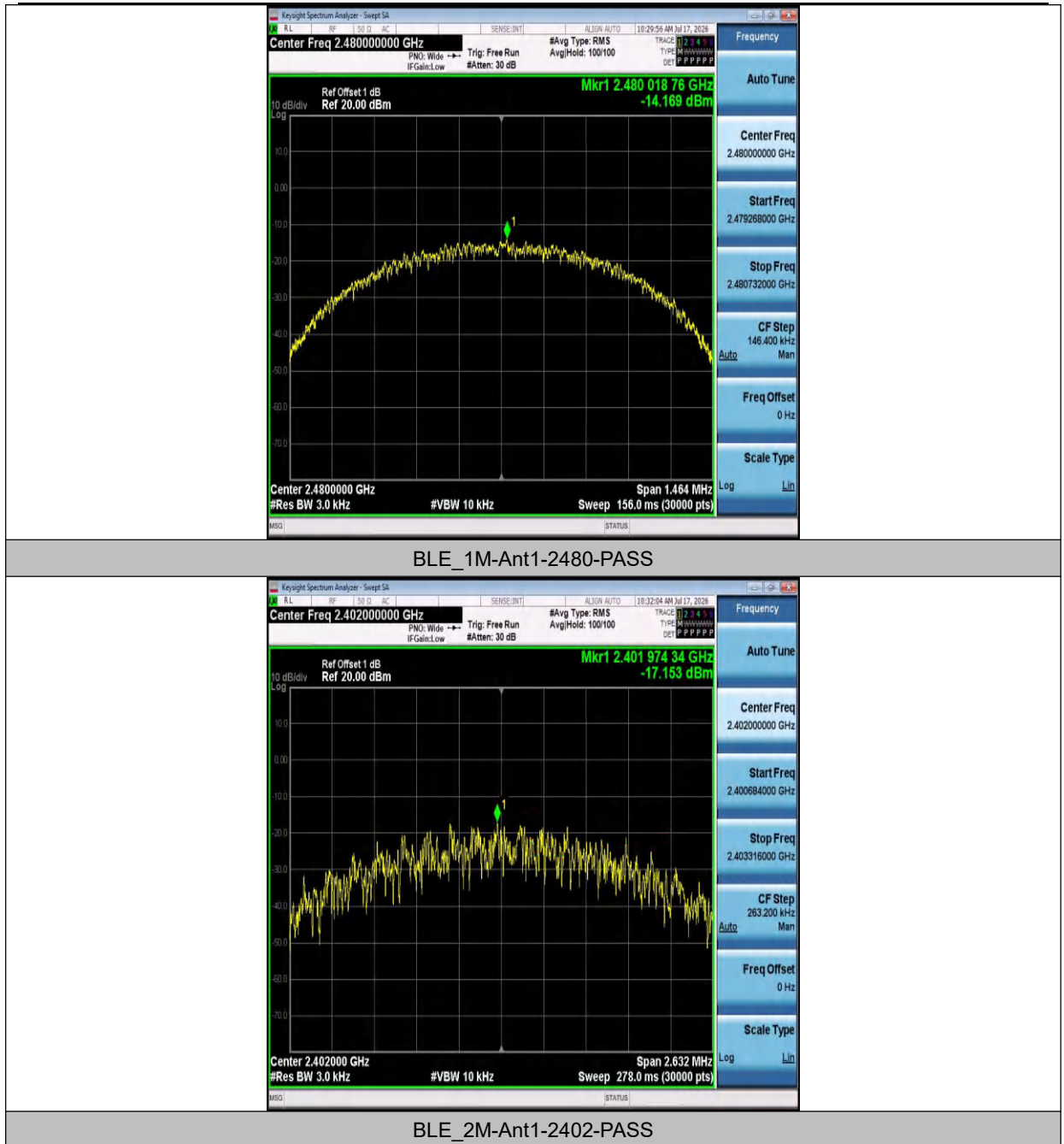
Test Graphs



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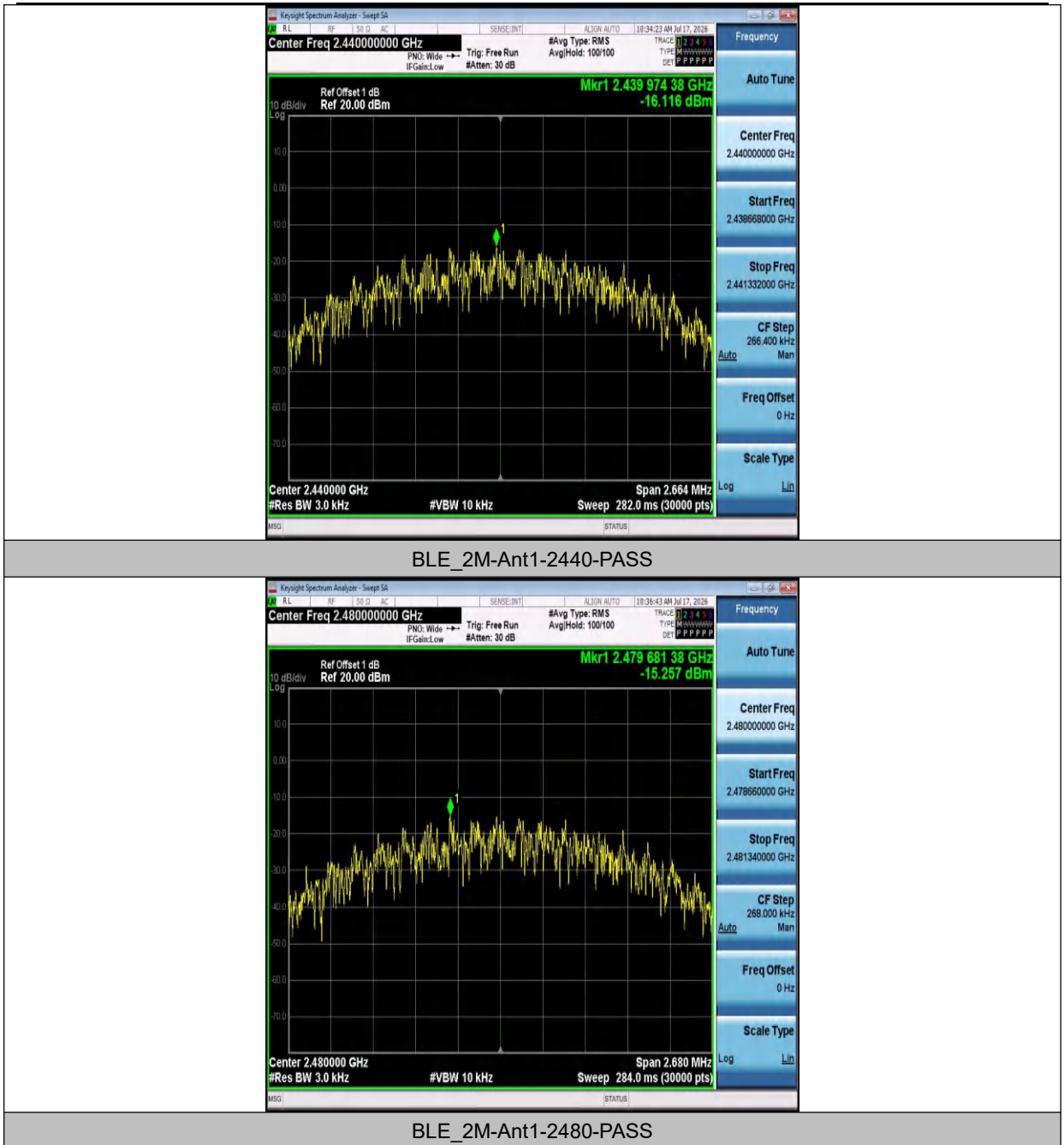
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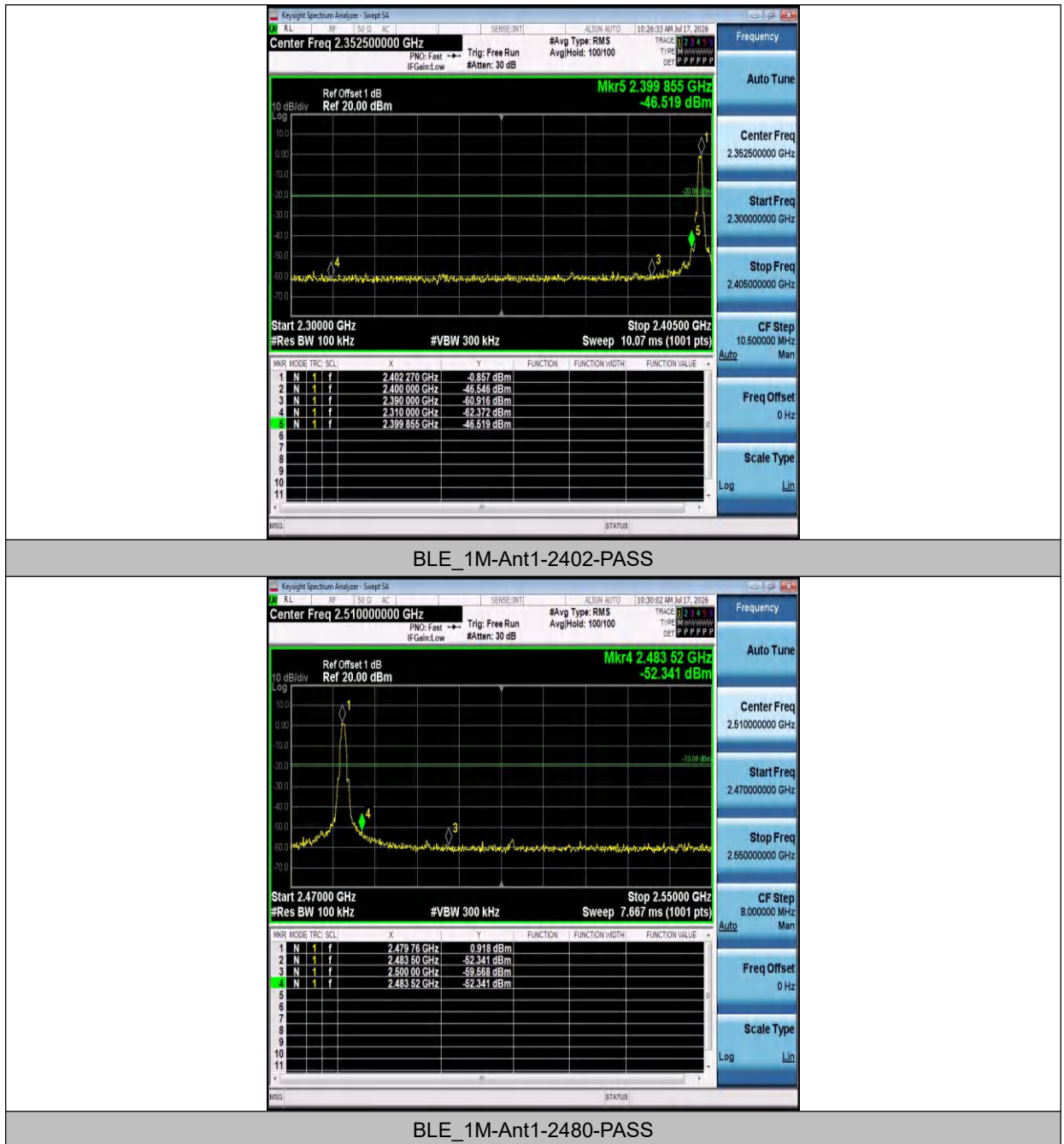
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-0.86	-46.52	≤-20.86	PASS
BLE_1M	Ant1	High	2480	0.92	-52.34	≤-19.08	PASS
BLE_2M	Ant1	Low	2402	-2.62	-32.48	≤-22.62	PASS
BLE_2M	Ant1	High	2480	-1.09	-51.13	≤-21.09	PASS

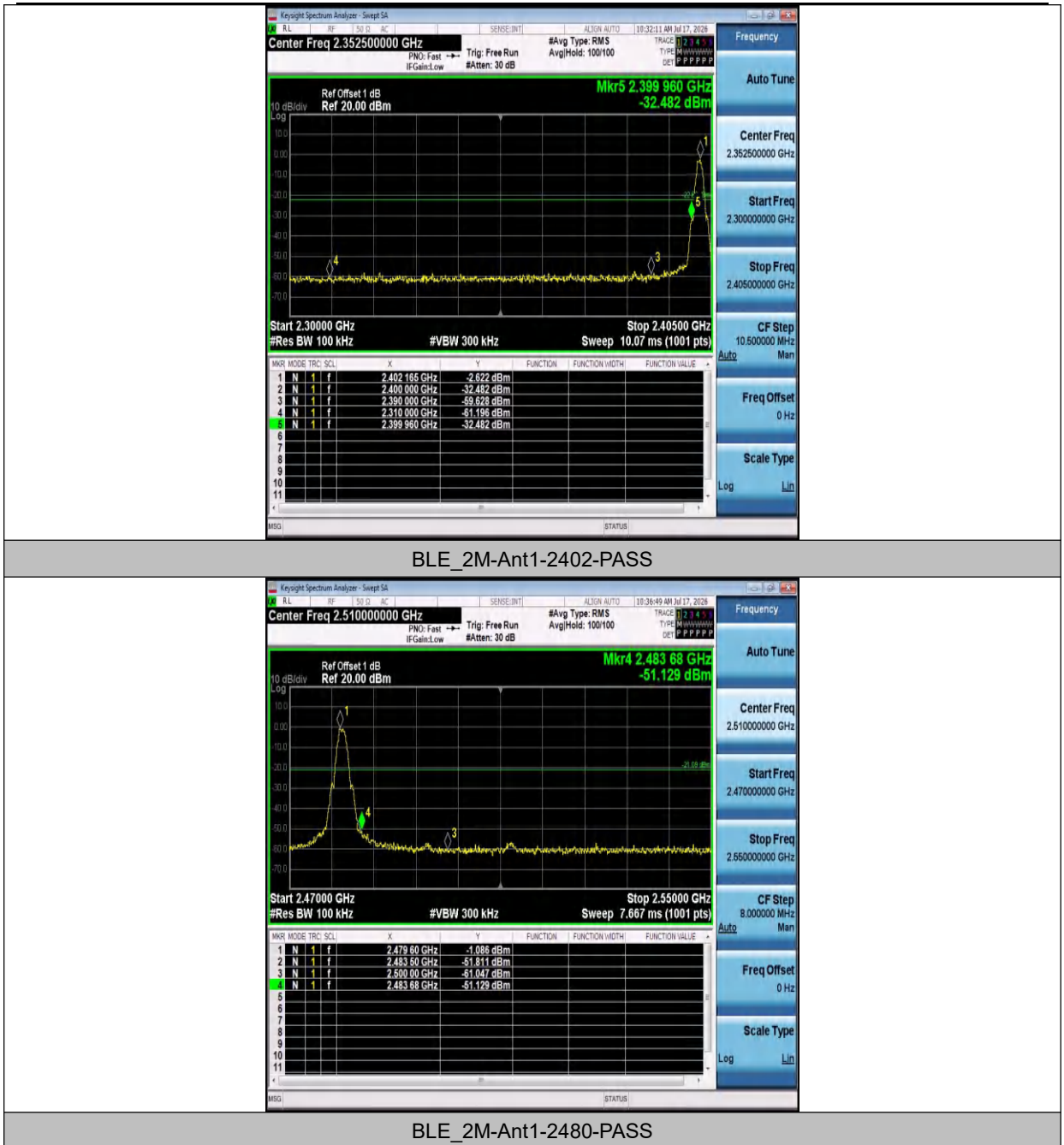
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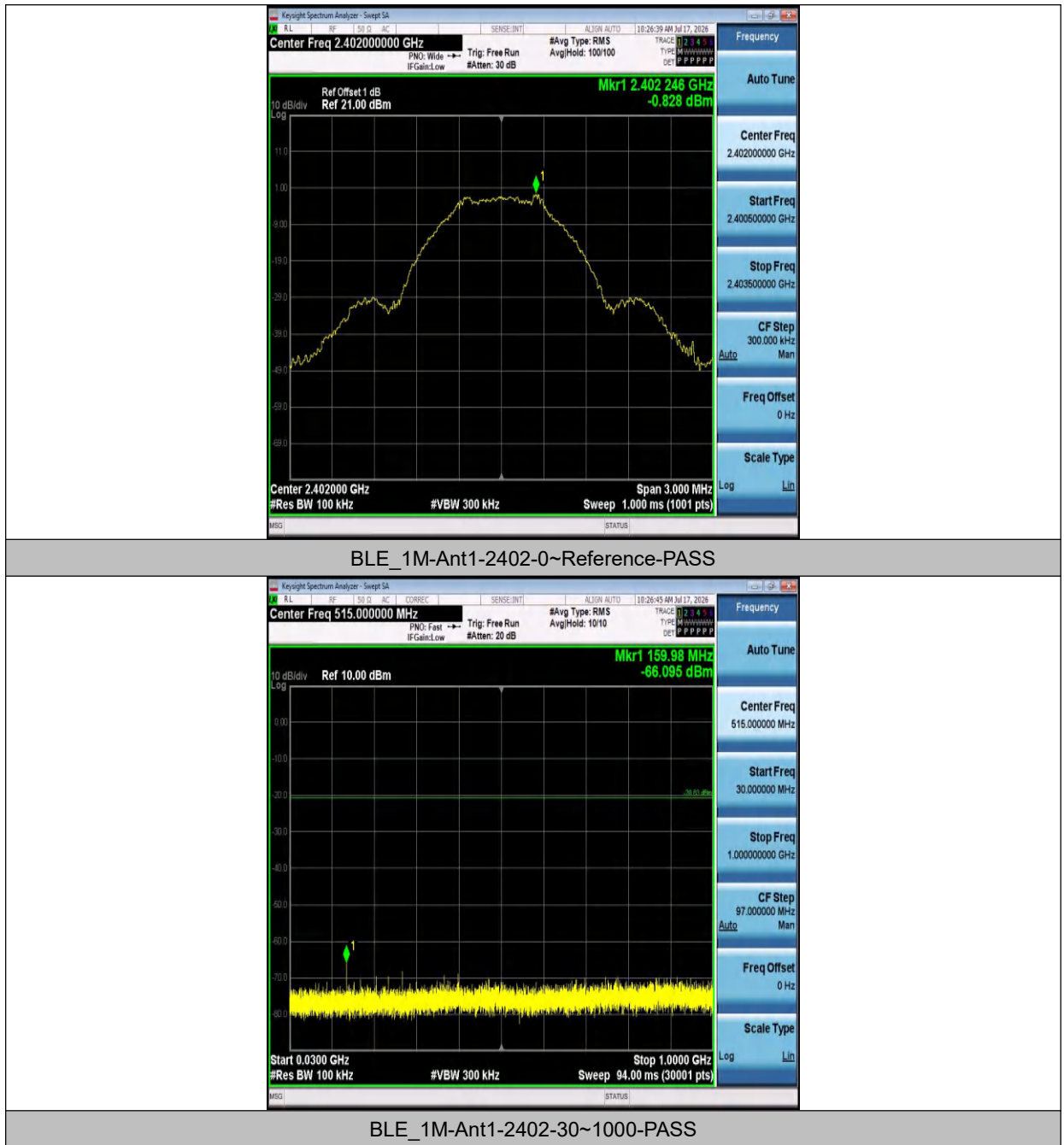
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-0.83	-0.83	---	PASS
BLE_1M	Ant1	2402	30~1000	-0.83	-66.1	≤-20.83	PASS
BLE_1M	Ant1	2402	1000~26500	-0.83	-24.2	≤-20.83	PASS
BLE_1M	Ant1	2440	0~Reference	0.22	0.22	---	PASS
BLE_1M	Ant1	2440	30~1000	0.22	-68.09	≤-19.78	PASS
BLE_1M	Ant1	2440	1000~26500	0.22	-22.28	≤-19.78	PASS
BLE_1M	Ant1	2480	0~Reference	1.25	1.25	---	PASS
BLE_1M	Ant1	2480	30~1000	1.25	-68	≤-18.75	PASS
BLE_1M	Ant1	2480	1000~26500	1.25	-23.61	≤-18.75	PASS
BLE_2M	Ant1	2402	0~Reference	-2.91	-2.91	---	PASS
BLE_2M	Ant1	2402	30~1000	-2.91	-66.36	≤-22.91	PASS
BLE_2M	Ant1	2402	1000~26500	-2.91	-26.7	≤-22.91	PASS
BLE_2M	Ant1	2440	0~Reference	-1.72	-1.72	---	PASS
BLE_2M	Ant1	2440	30~1000	-1.72	-67.57	≤-21.72	PASS
BLE_2M	Ant1	2440	1000~26500	-1.72	-25.82	≤-21.72	PASS
BLE_2M	Ant1	2480	0~Reference	-1.14	-1.14	---	PASS
BLE_2M	Ant1	2480	30~1000	-1.14	-68.25	≤-21.14	PASS
BLE_2M	Ant1	2480	1000~26500	-1.14	-23.98	≤-21.14	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.

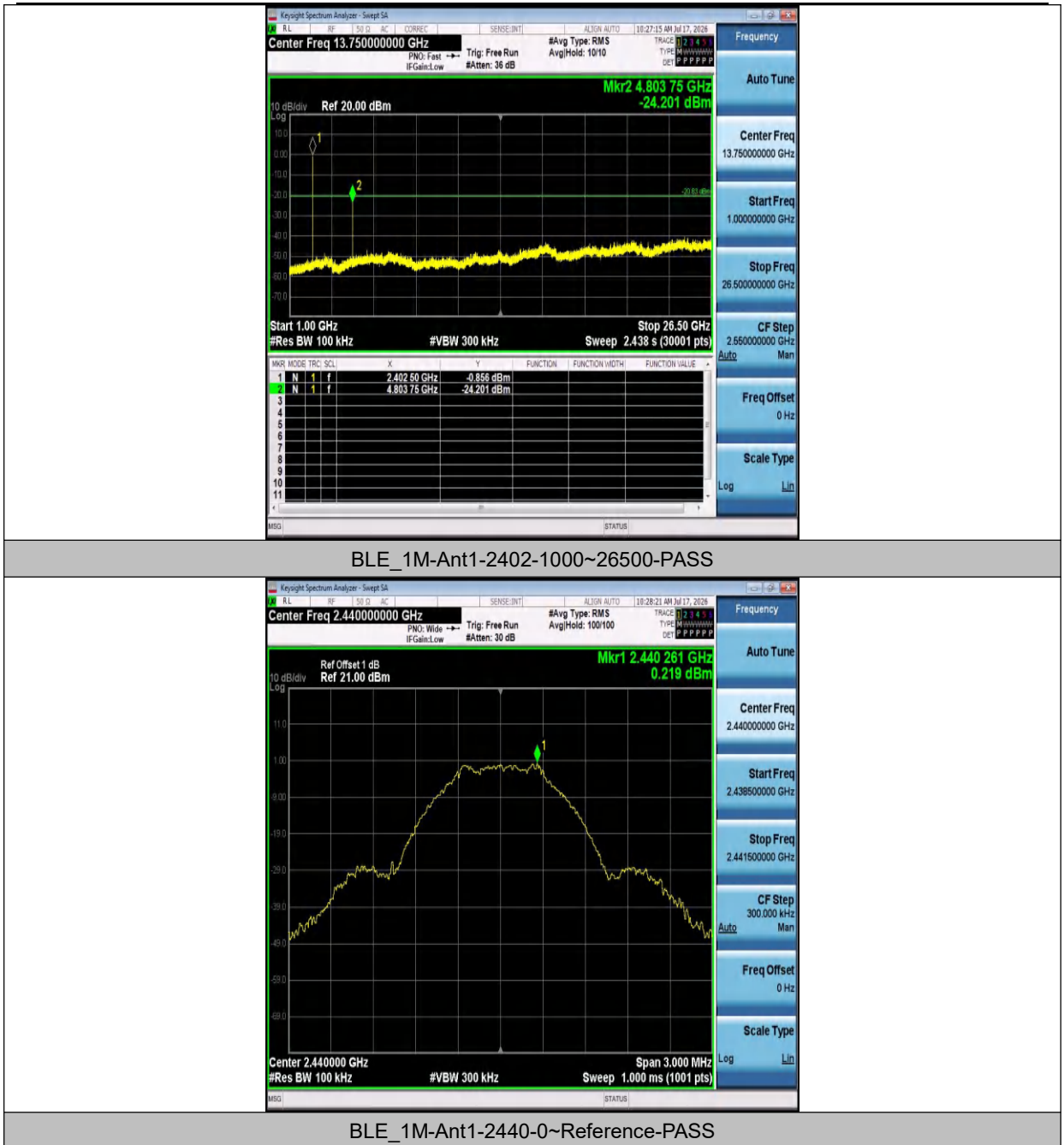
Test Graphs



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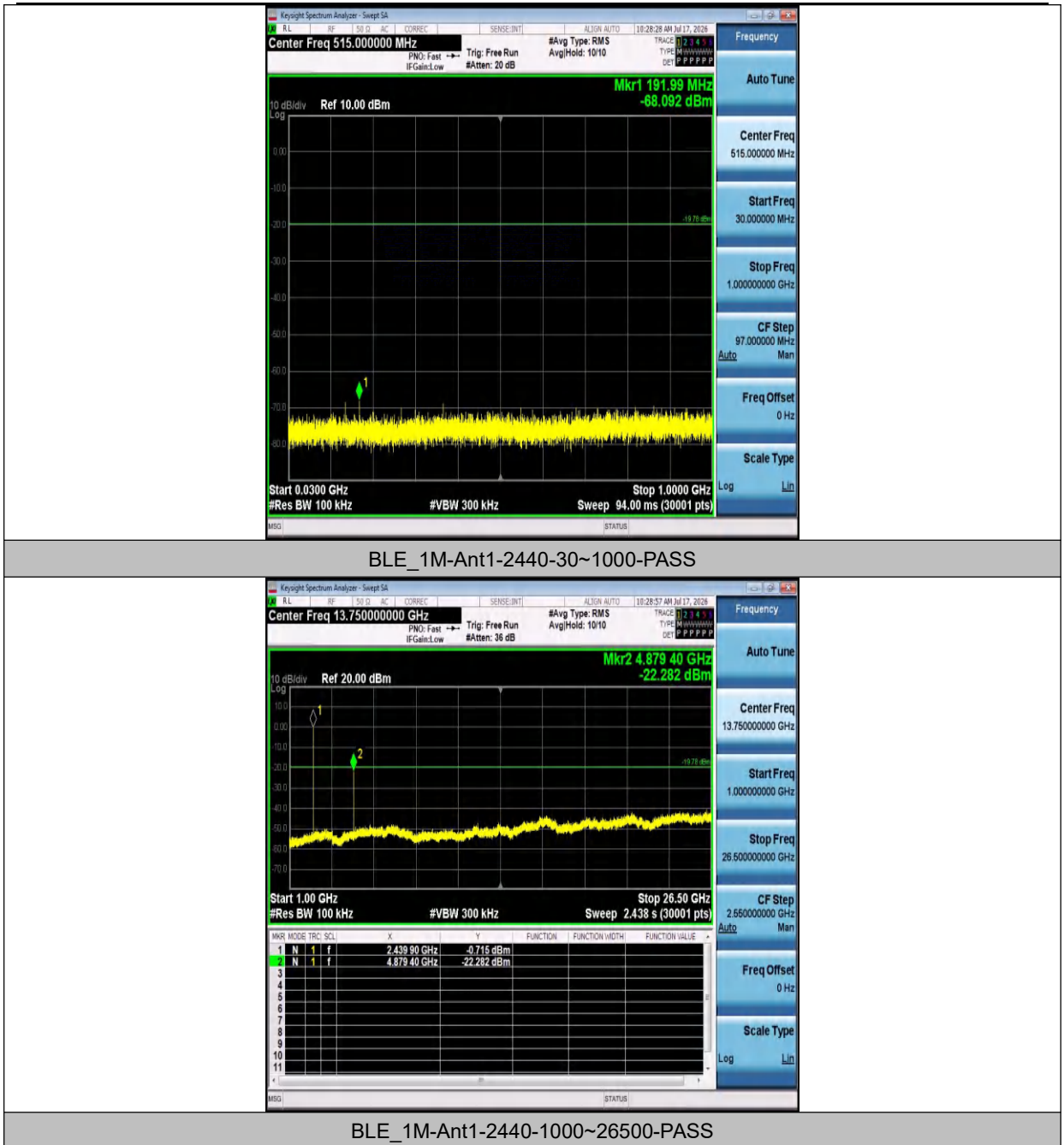
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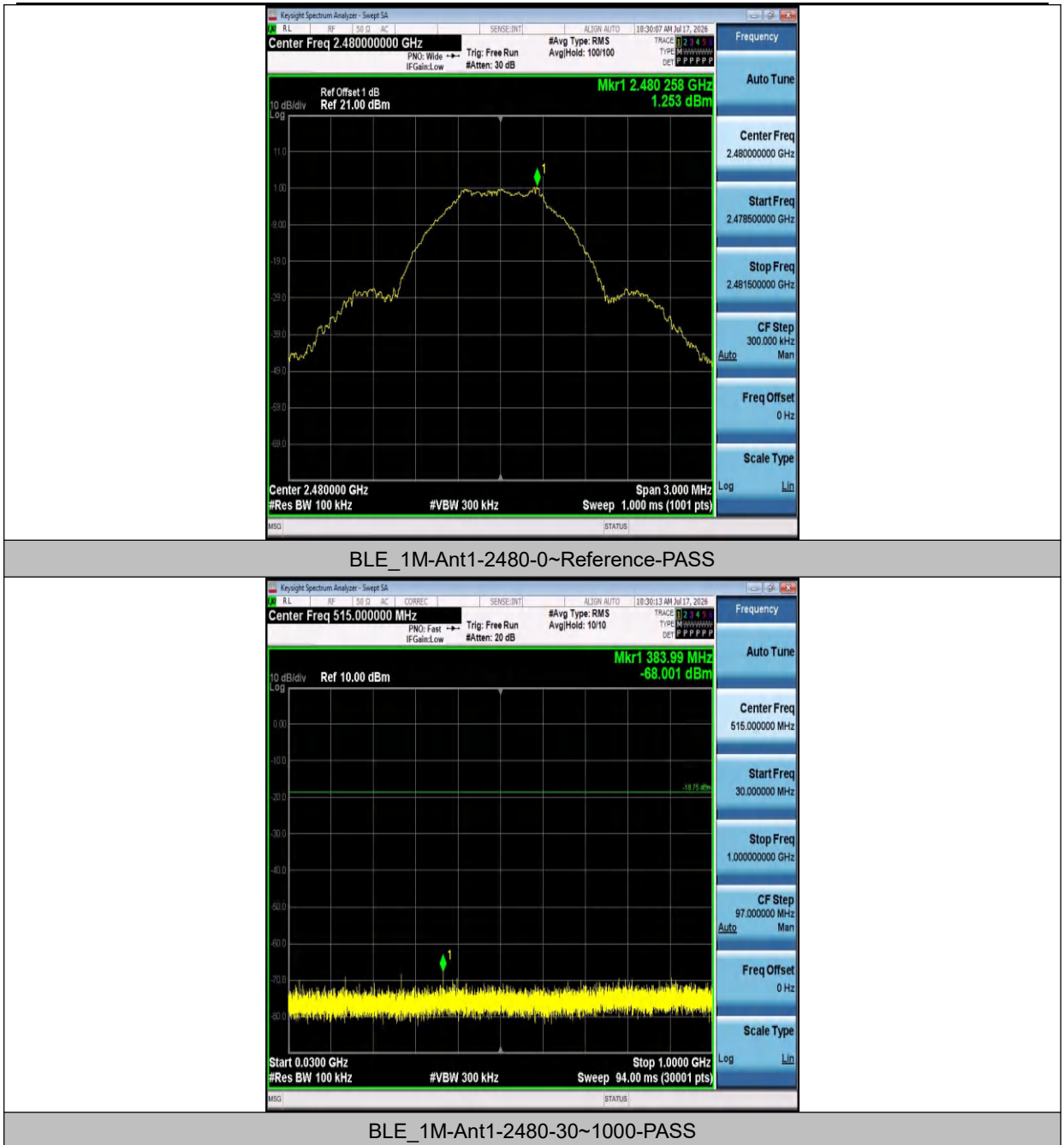
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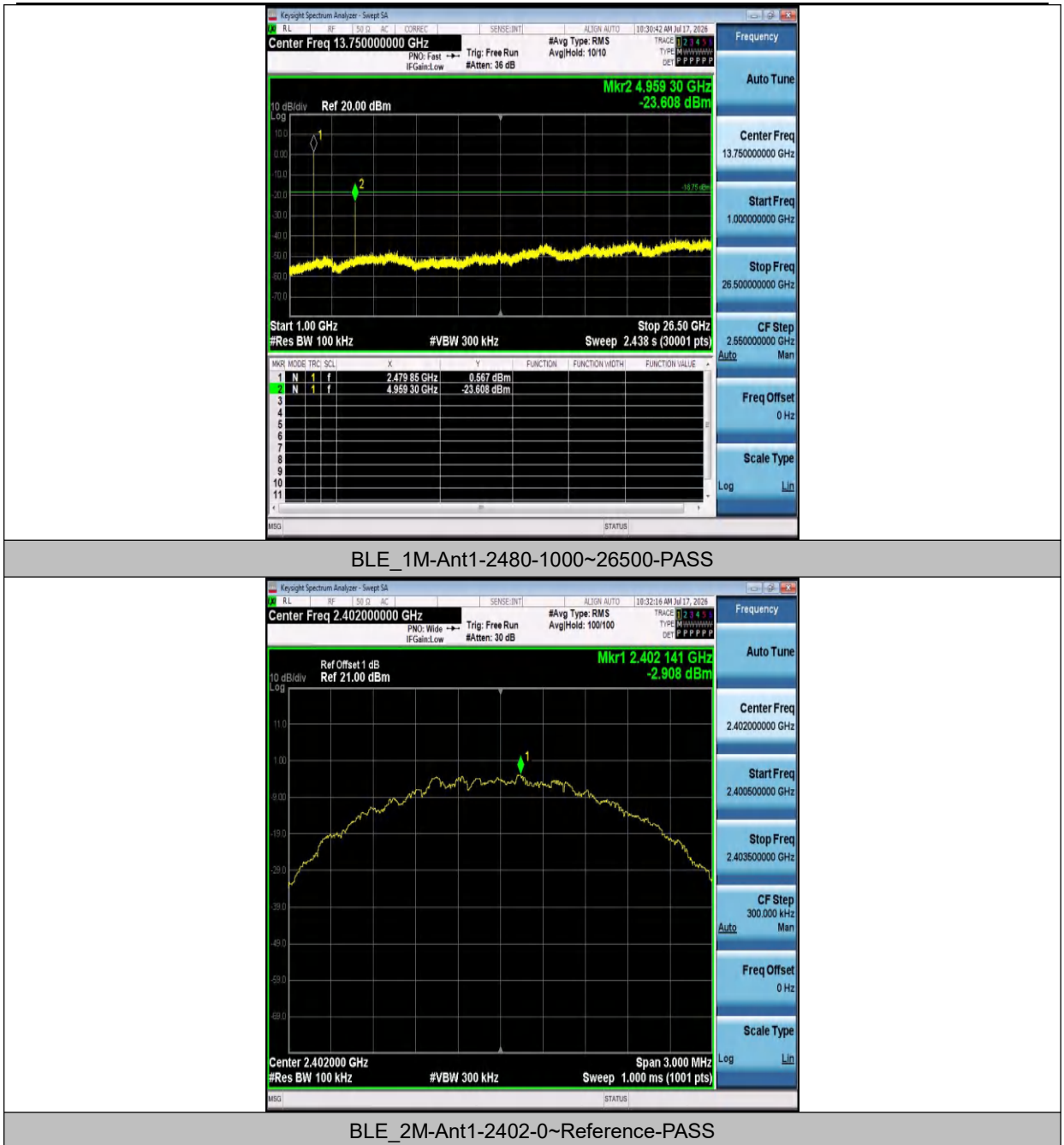
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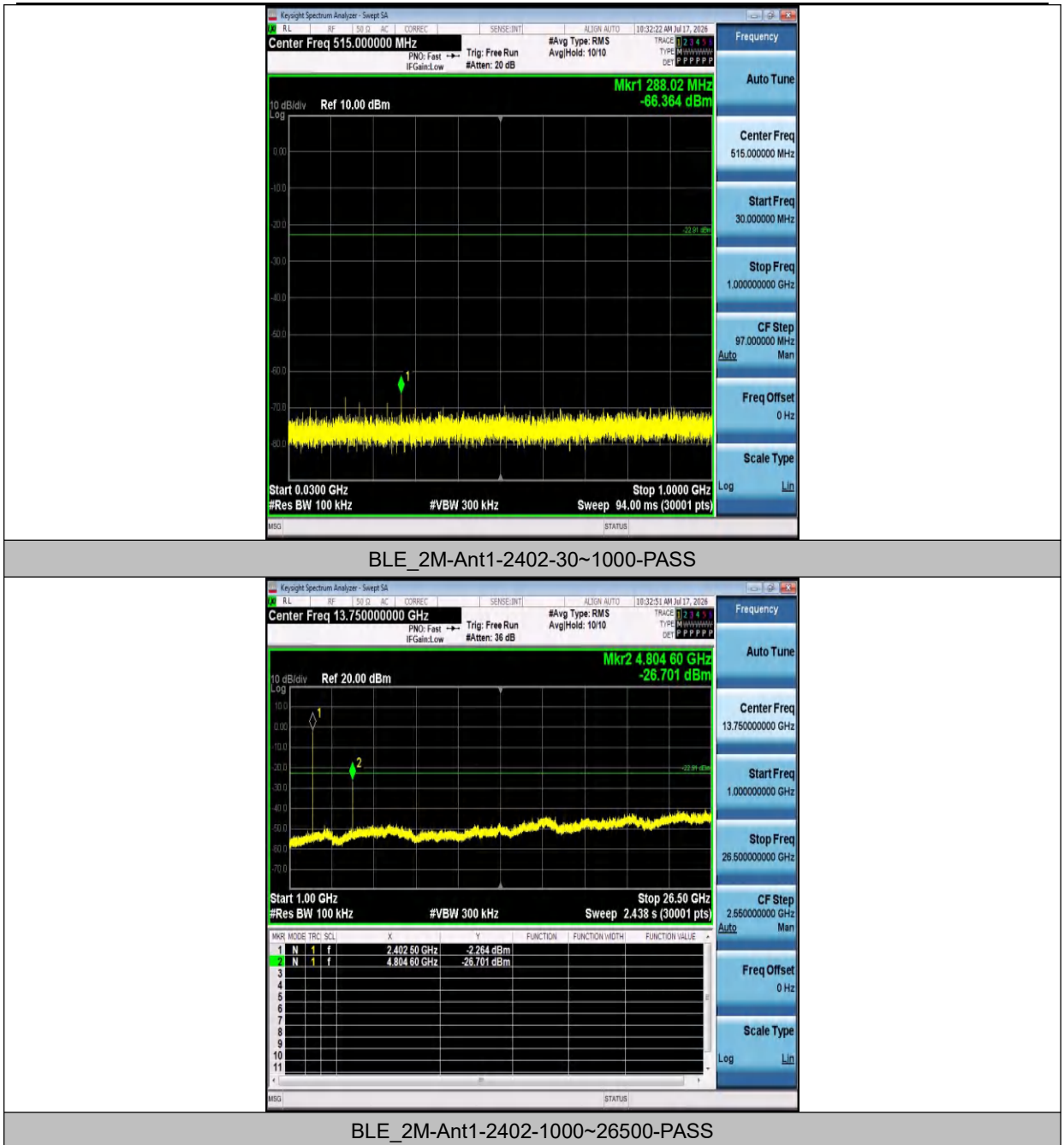
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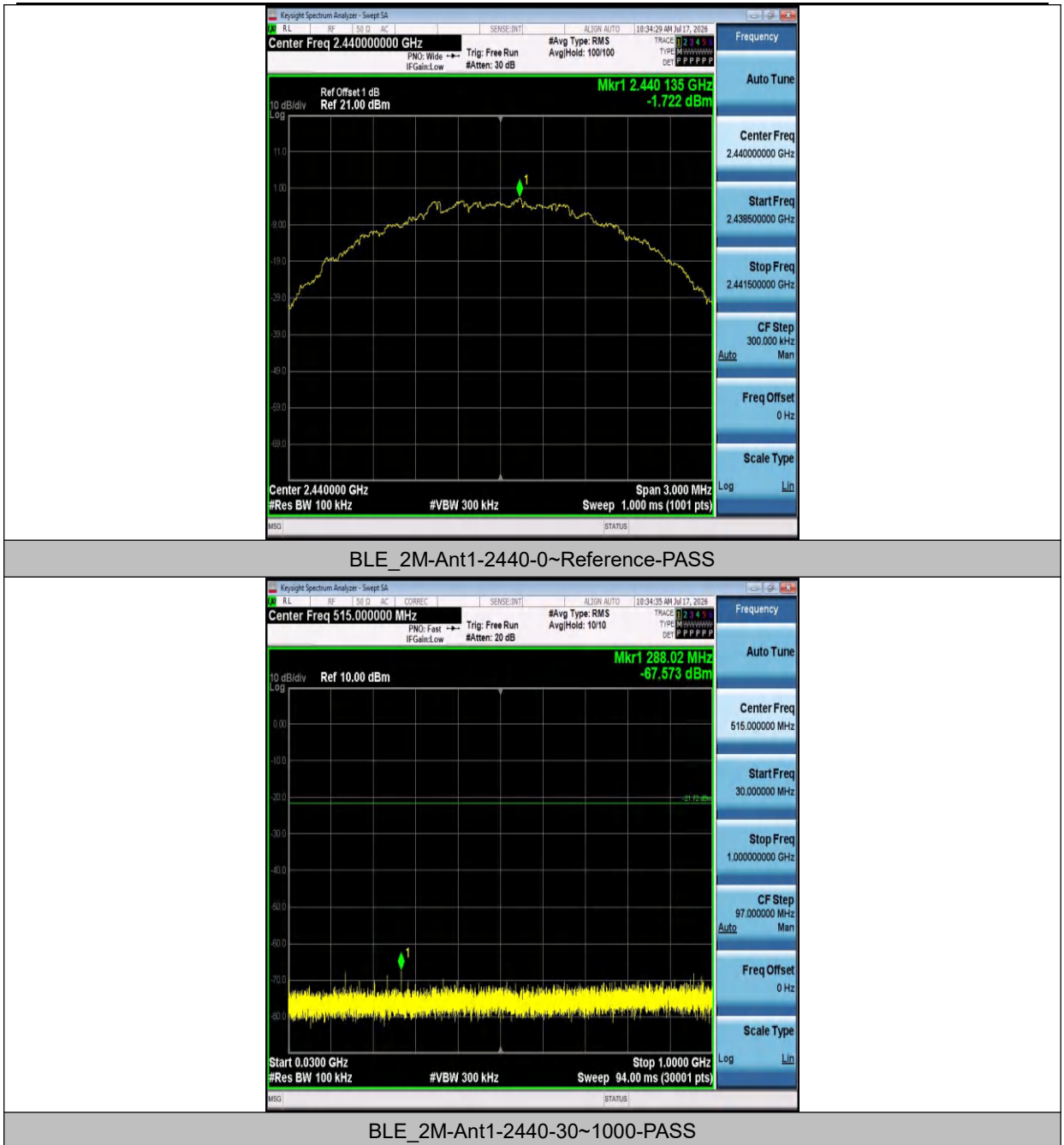
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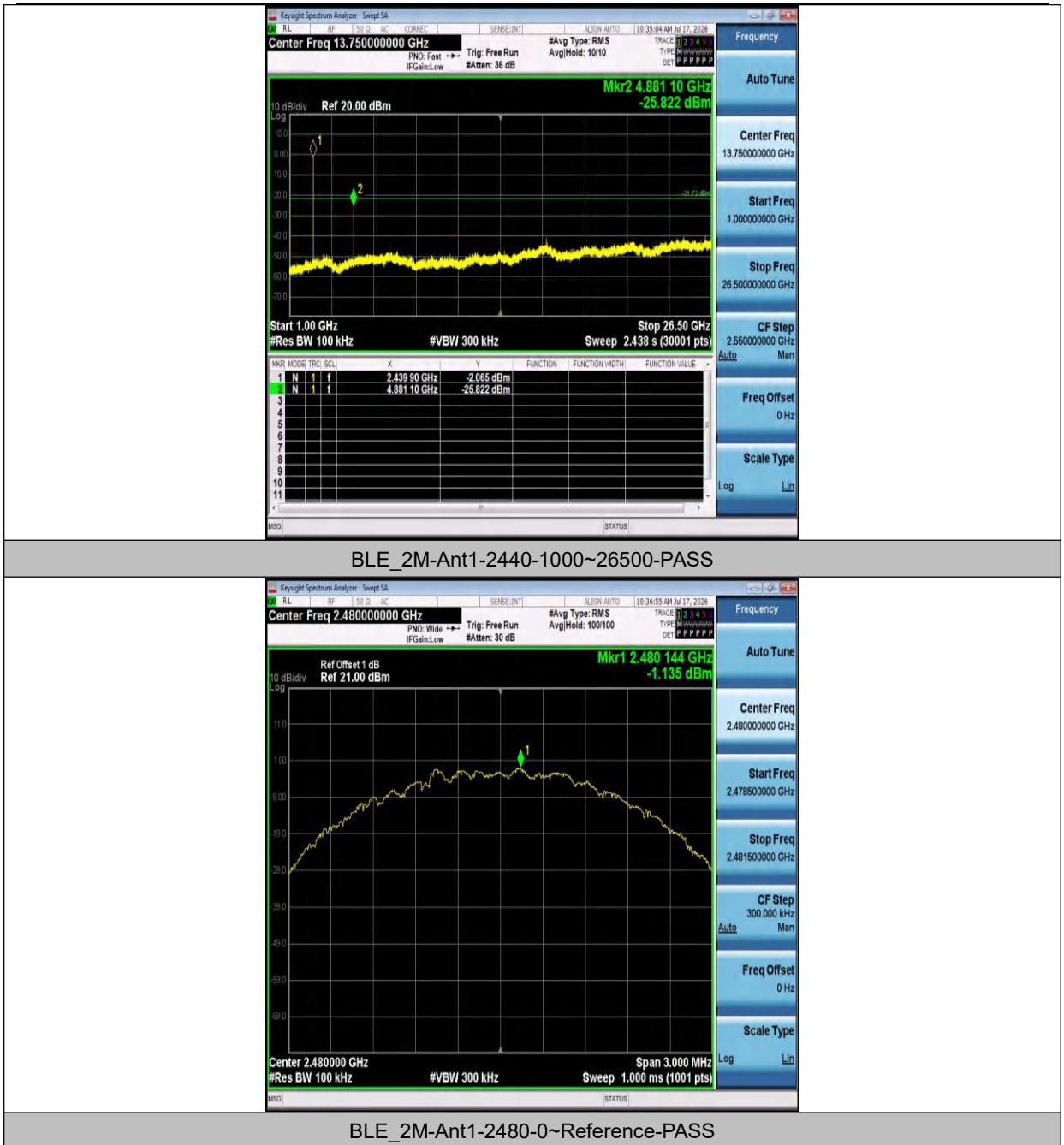
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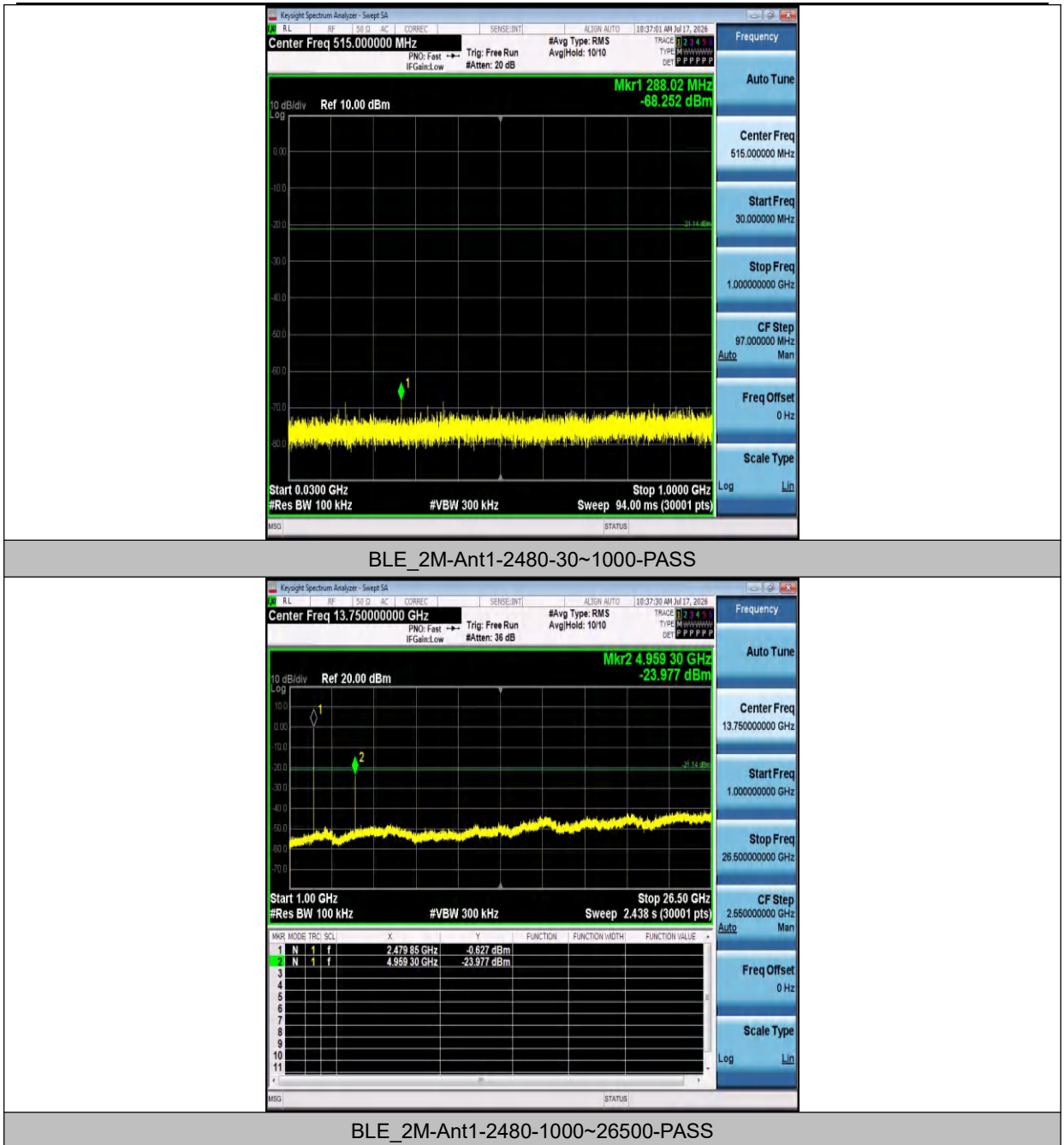
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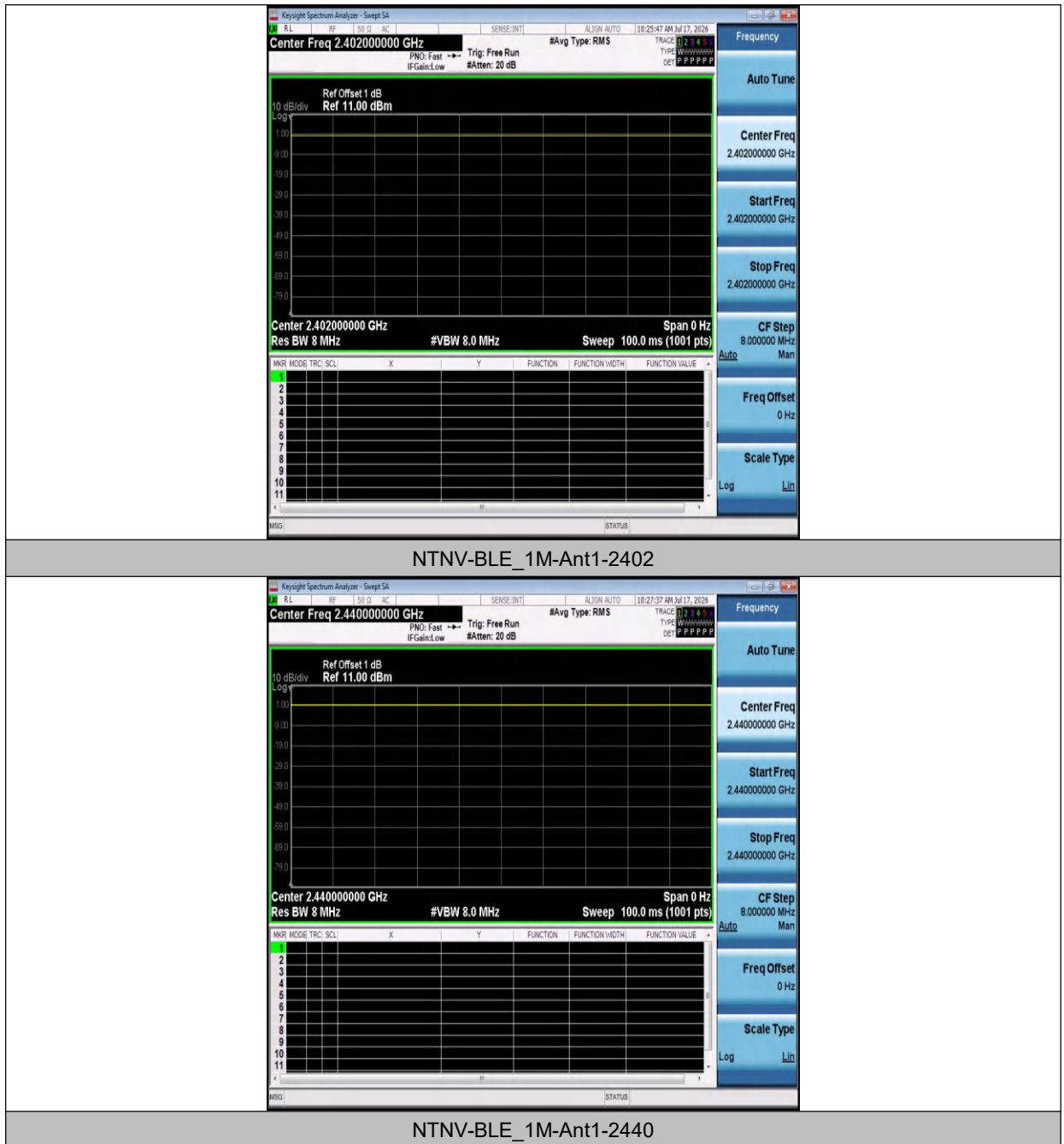
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Appendix G: Duty Cycle

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

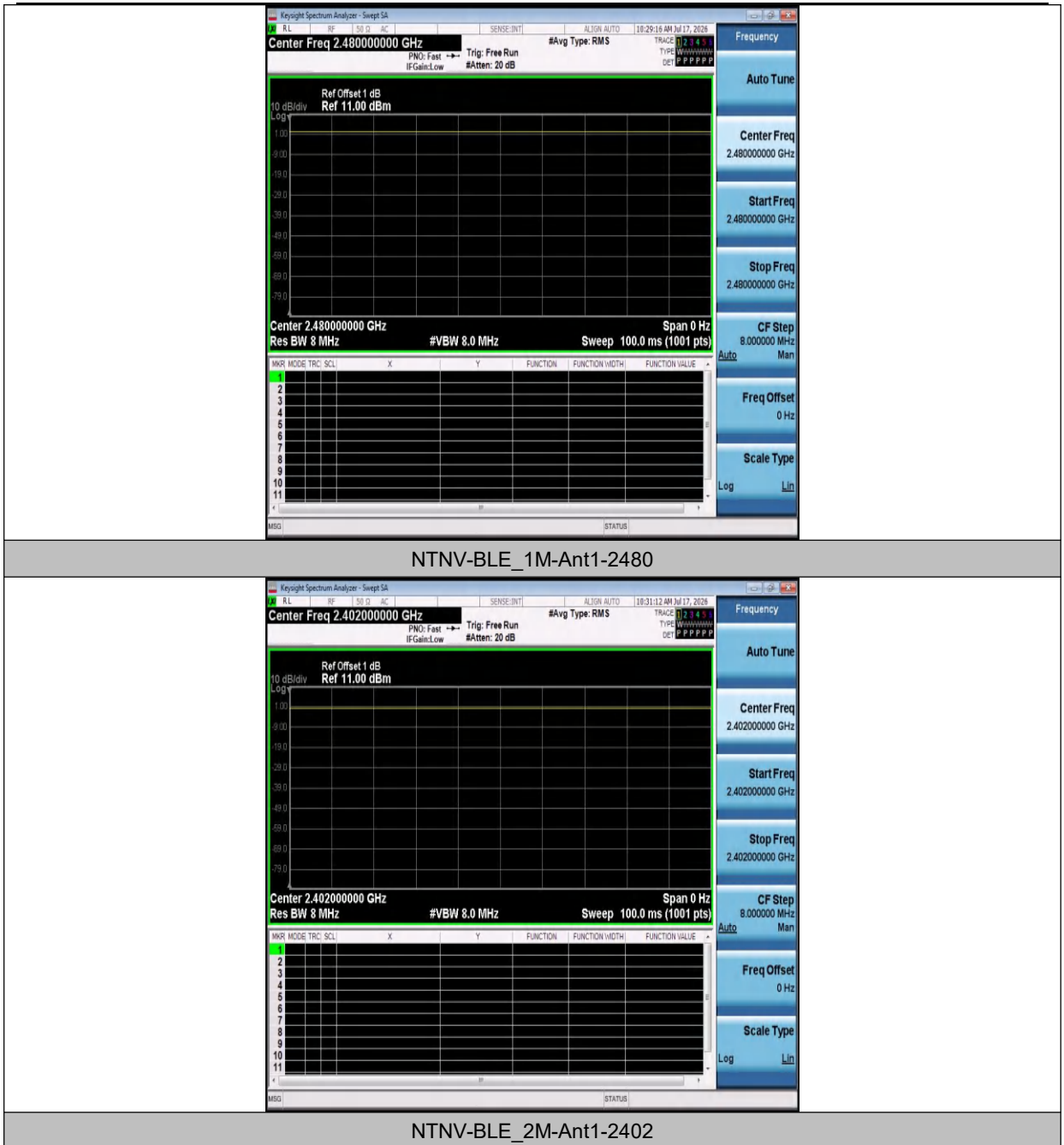
Test Graphs



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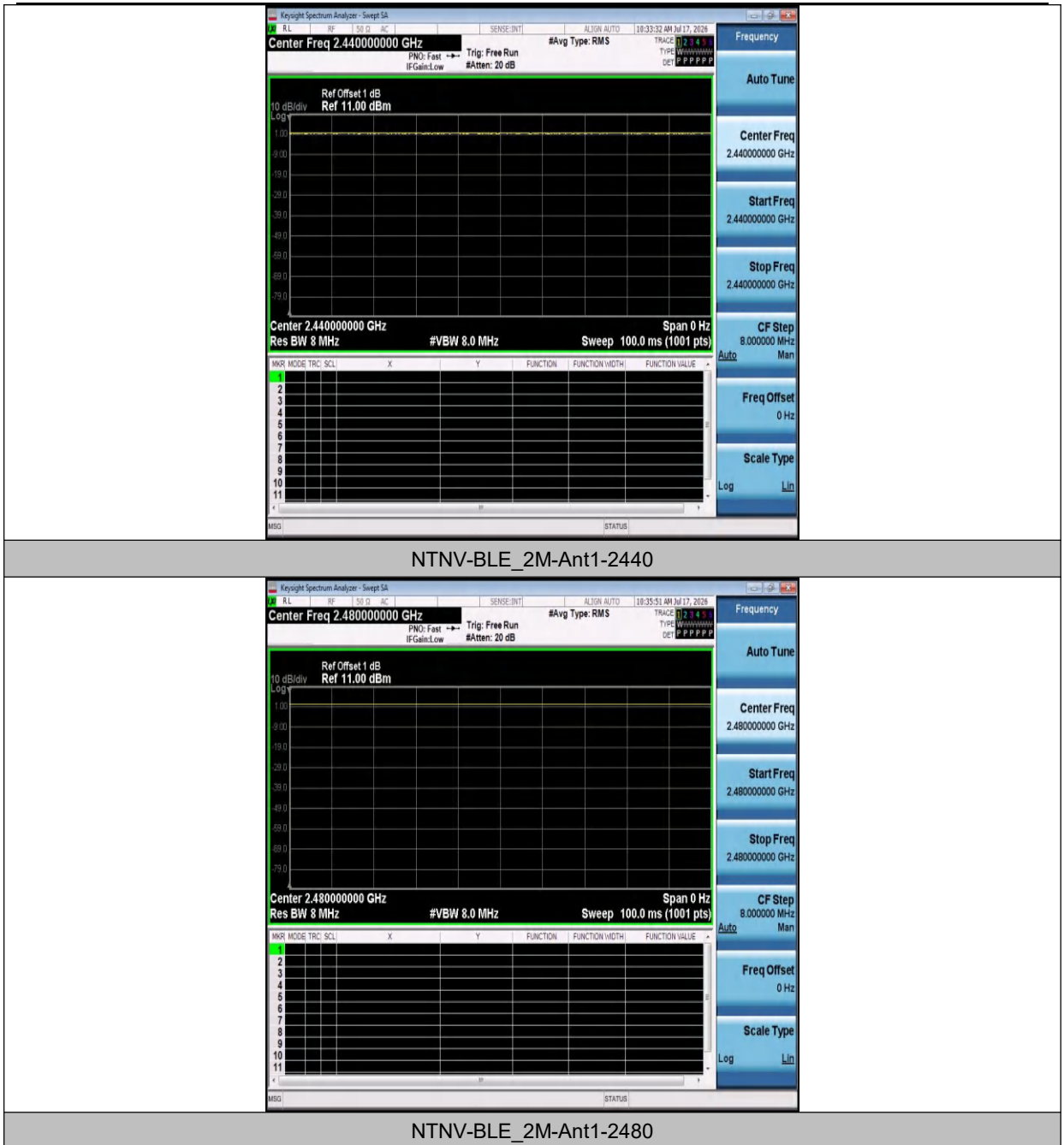
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