

Appendix Test Data

Report No.:	1812C60135712501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-3-11	Finish Test Date:	2026-3-31
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	23.5°C	Relative Humidity:	59%
Pressure:	101kPa		

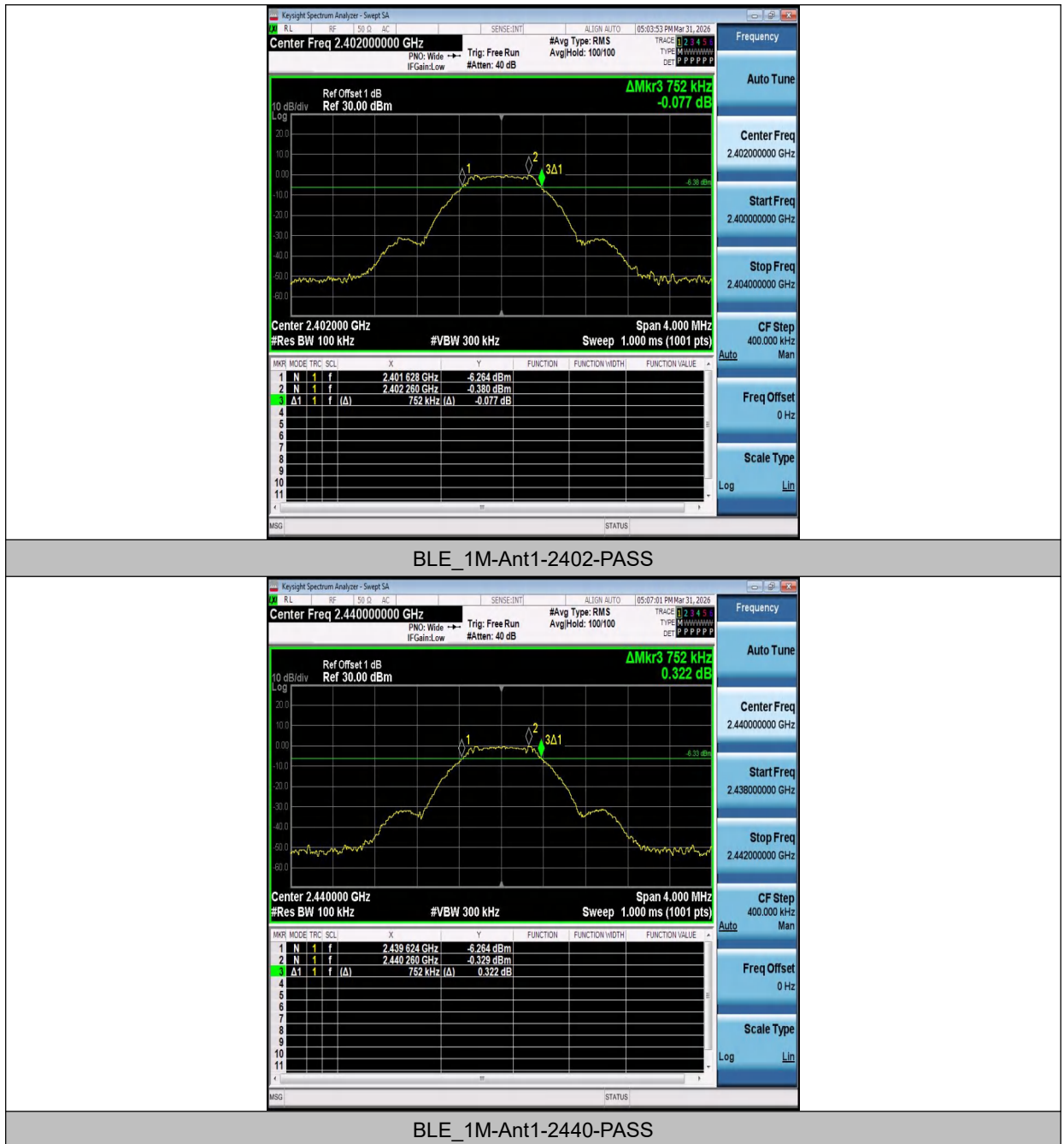


Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.752	2401.628	2402.380	0.5	PASS
BLE_1M	Ant1	2440	0.752	2439.624	2440.376	0.5	PASS
BLE_1M	Ant1	2480	0.736	2479.632	2480.368	0.5	PASS
BLE_2M	Ant1	2402	1.304	2401.356	2402.660	0.5	PASS
BLE_2M	Ant1	2440	1.308	2439.352	2440.660	0.5	PASS
BLE_2M	Ant1	2480	1.316	2479.352	2480.668	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	1.0208	2401.4916	2402.5124	---	---
BLE_1M	Ant1	2440	1.0224	2439.4911	2440.5135	---	---
BLE_1M	Ant1	2480	1.0122	2479.4966	2480.5088	---	---
BLE_2M	Ant1	2402	2.0066	2401.0068	2403.0134	---	---
BLE_2M	Ant1	2440	2.0209	2438.9976	2441.0185	---	---
BLE_2M	Ant1	2480	2.0229	2478.9960	2481.0189	---	---

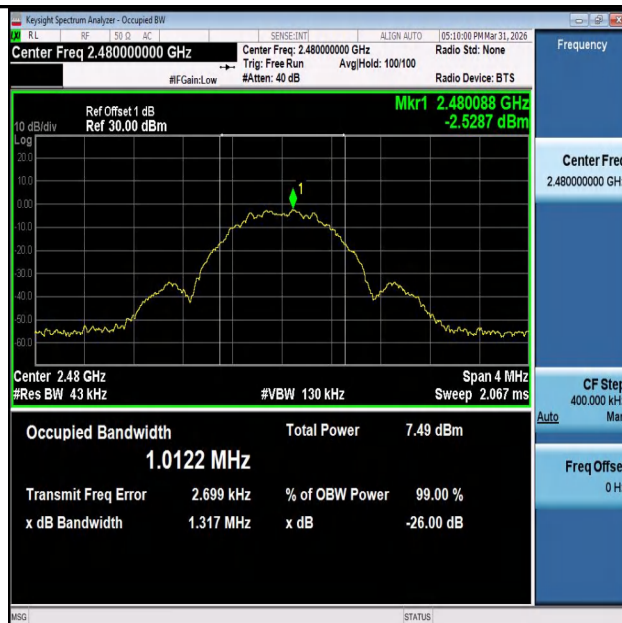
Test Graphs



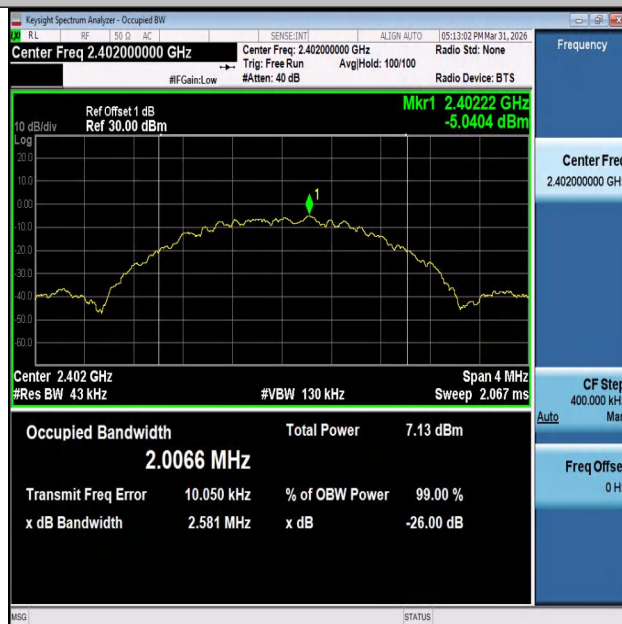
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BLE 1M-Ant1-2480



BLE 2M-Ant1-2402

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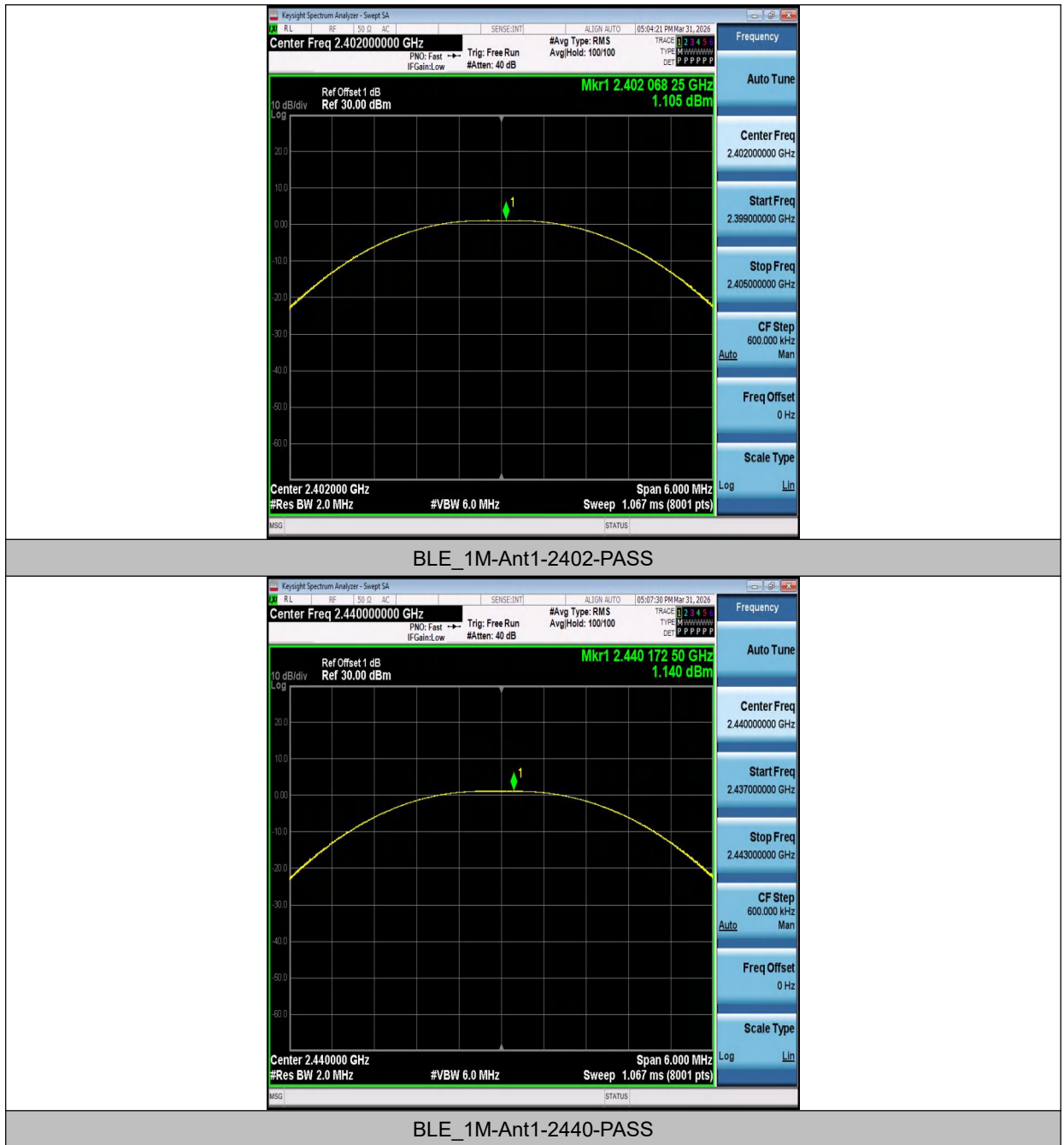
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Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	1.11	≤30	PASS
BLE_1M	Ant1	2440	1.14	≤30	PASS
BLE_1M	Ant1	2480	1.07	≤30	PASS
BLE_2M	Ant1	2402	1.12	≤30	PASS
BLE_2M	Ant1	2440	1.14	≤30	PASS
BLE_2M	Ant1	2480	1.08	≤30	PASS

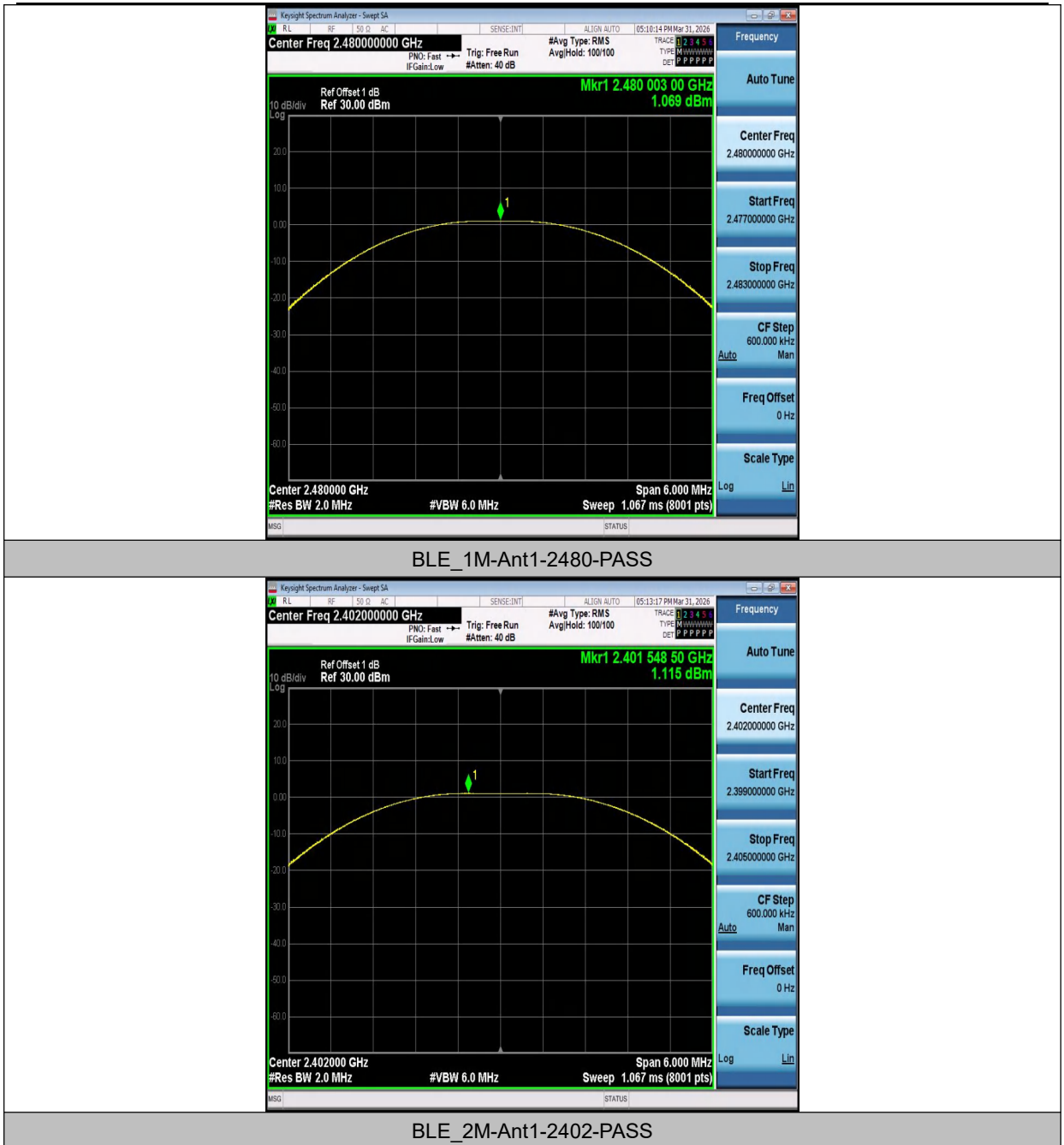
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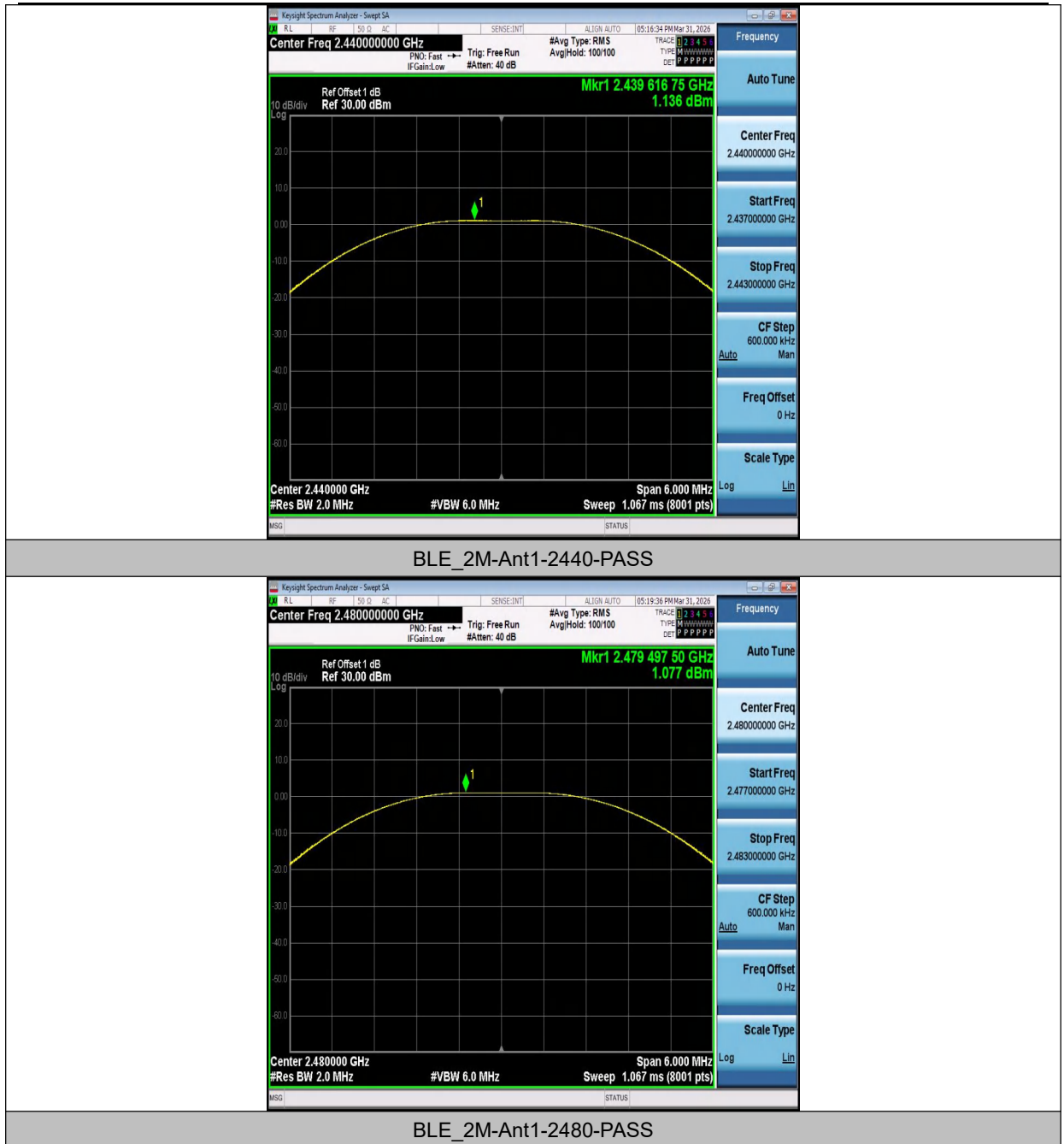
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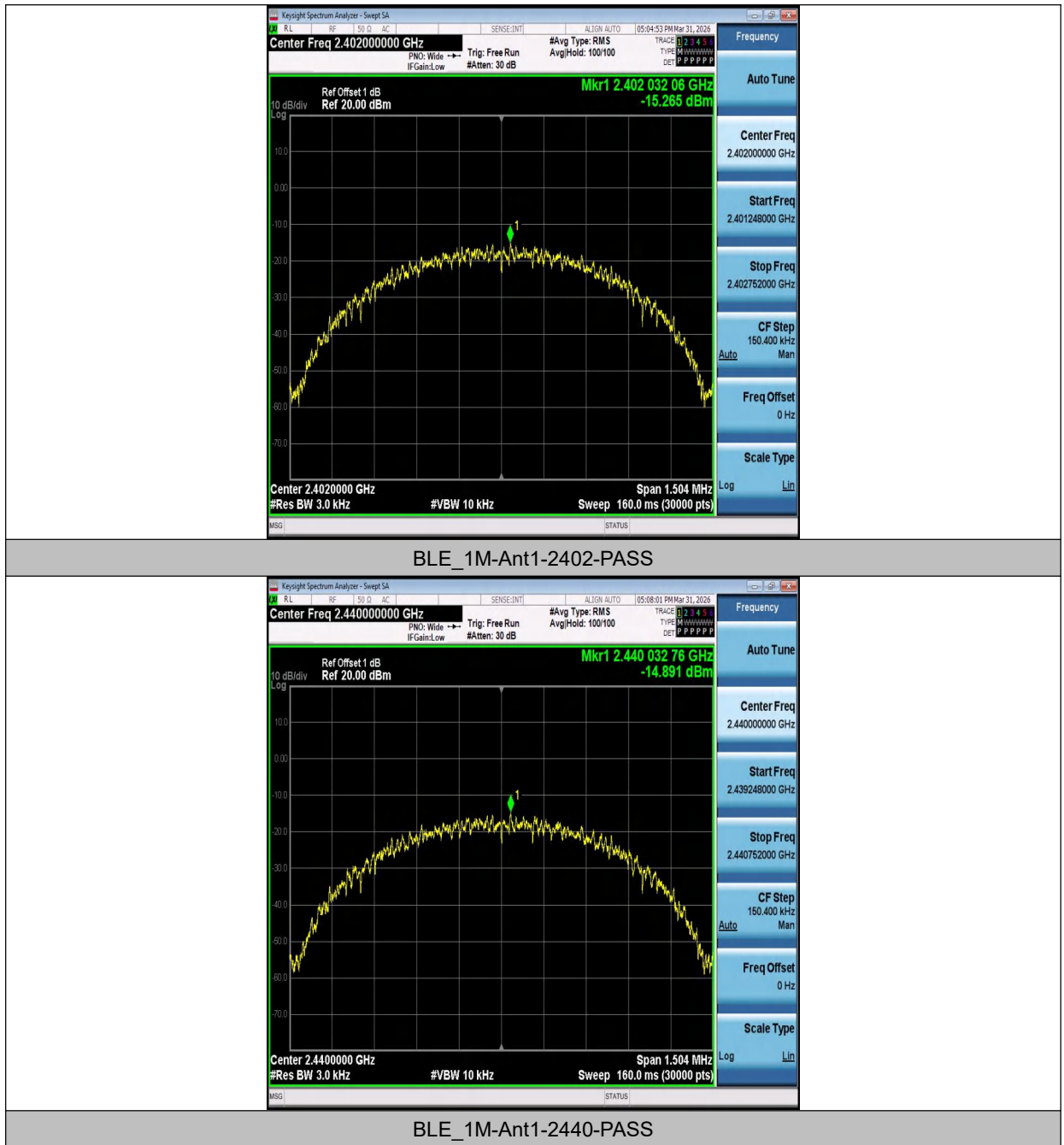
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-15.27	≤8.00	PASS
BLE_1M	Ant1	2440	-14.89	≤8.00	PASS
BLE_1M	Ant1	2480	-15.28	≤8.00	PASS
BLE_2M	Ant1	2402	-17.12	≤8.00	PASS
BLE_2M	Ant1	2440	-16.85	≤8.00	PASS
BLE_2M	Ant1	2480	-16.61	≤8.00	PASS

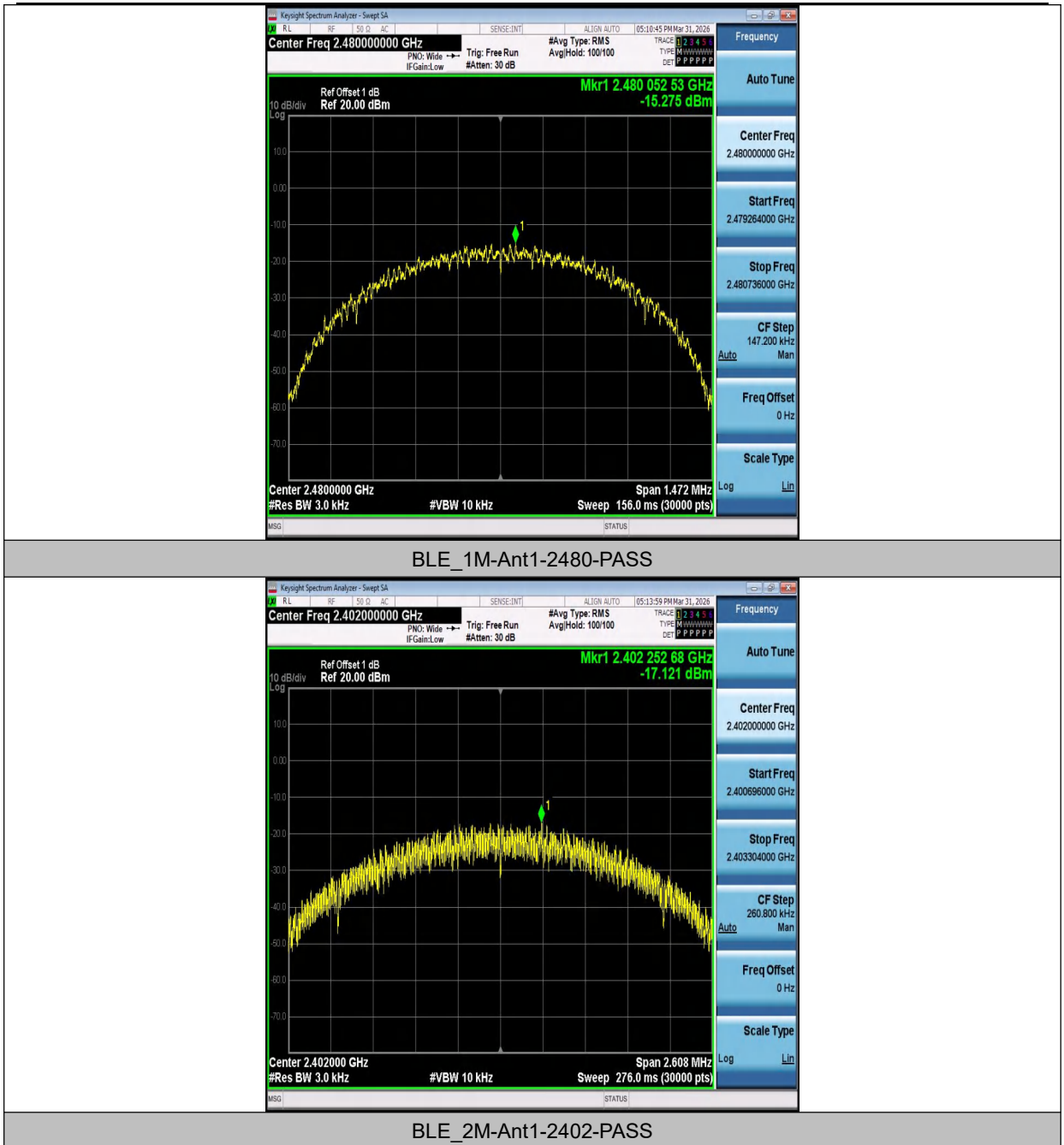
Test Graphs



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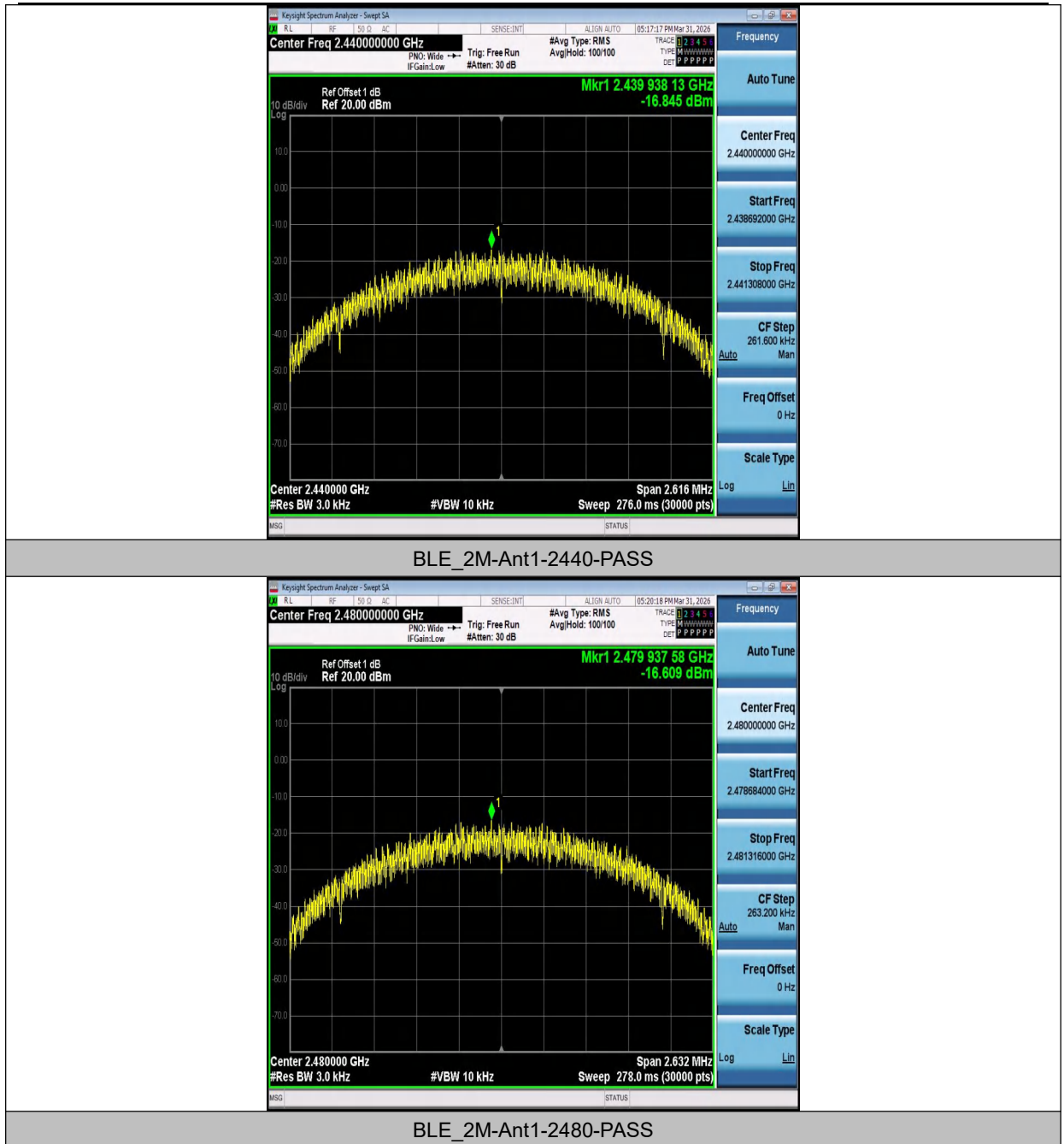
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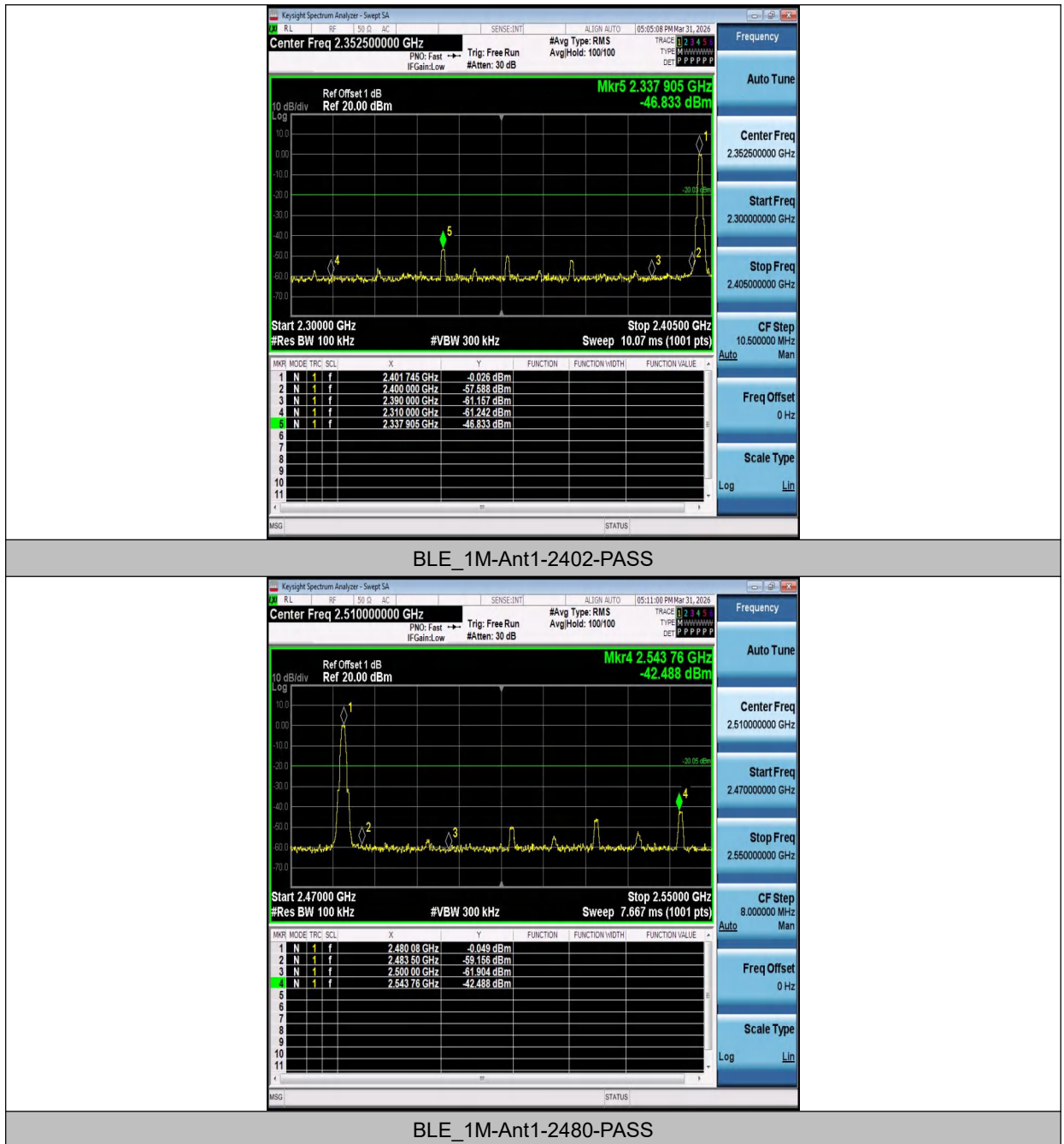
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-0.03	-46.83	≤-20.03	PASS
BLE_1M	Ant1	High	2480	-0.05	-42.49	≤-20.05	PASS
BLE_2M	Ant1	Low	2402	-2.09	-37.43	≤-22.09	PASS
BLE_2M	Ant1	High	2480	-2.13	-44.31	≤-22.13	PASS

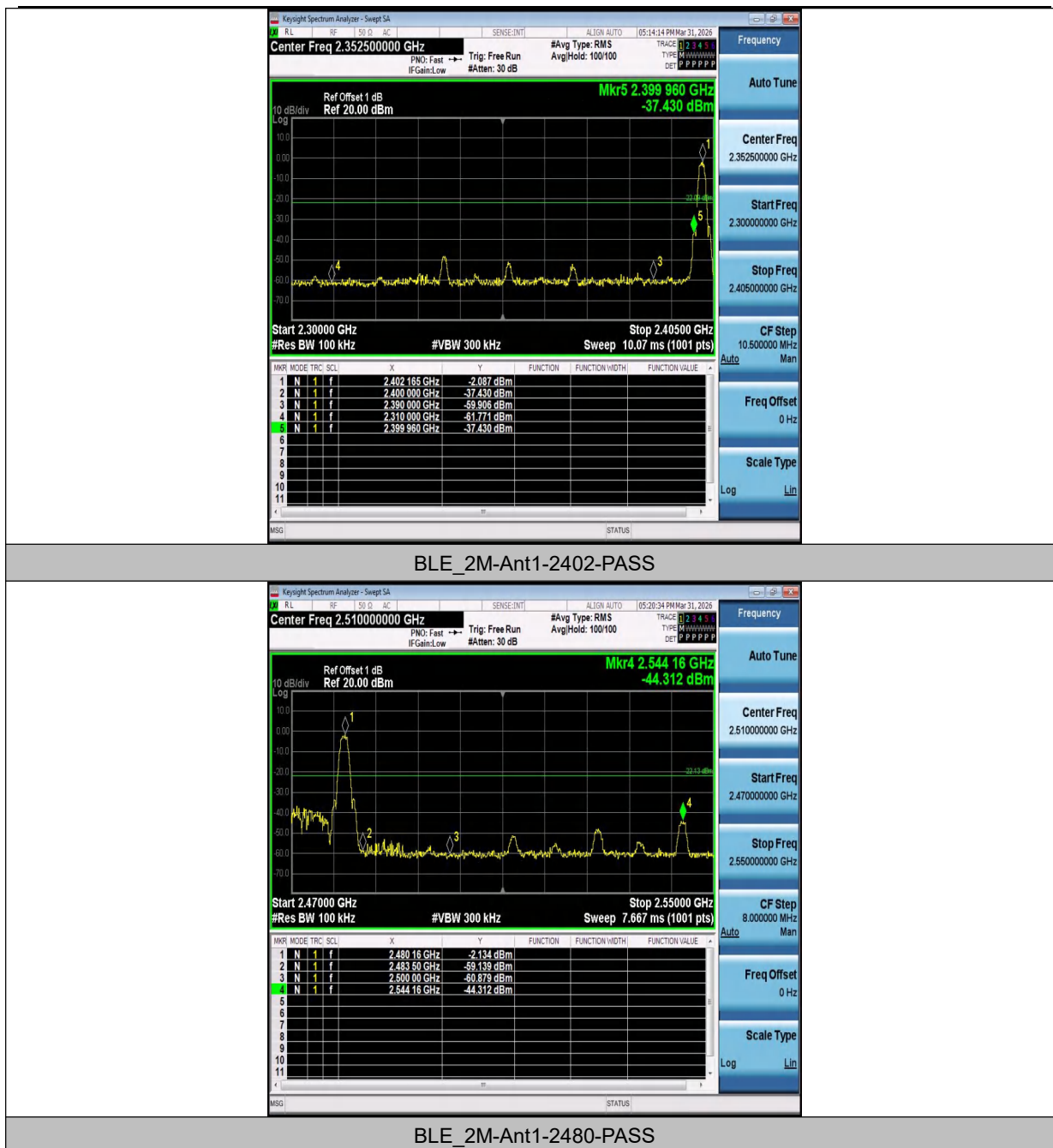
Test Graphs



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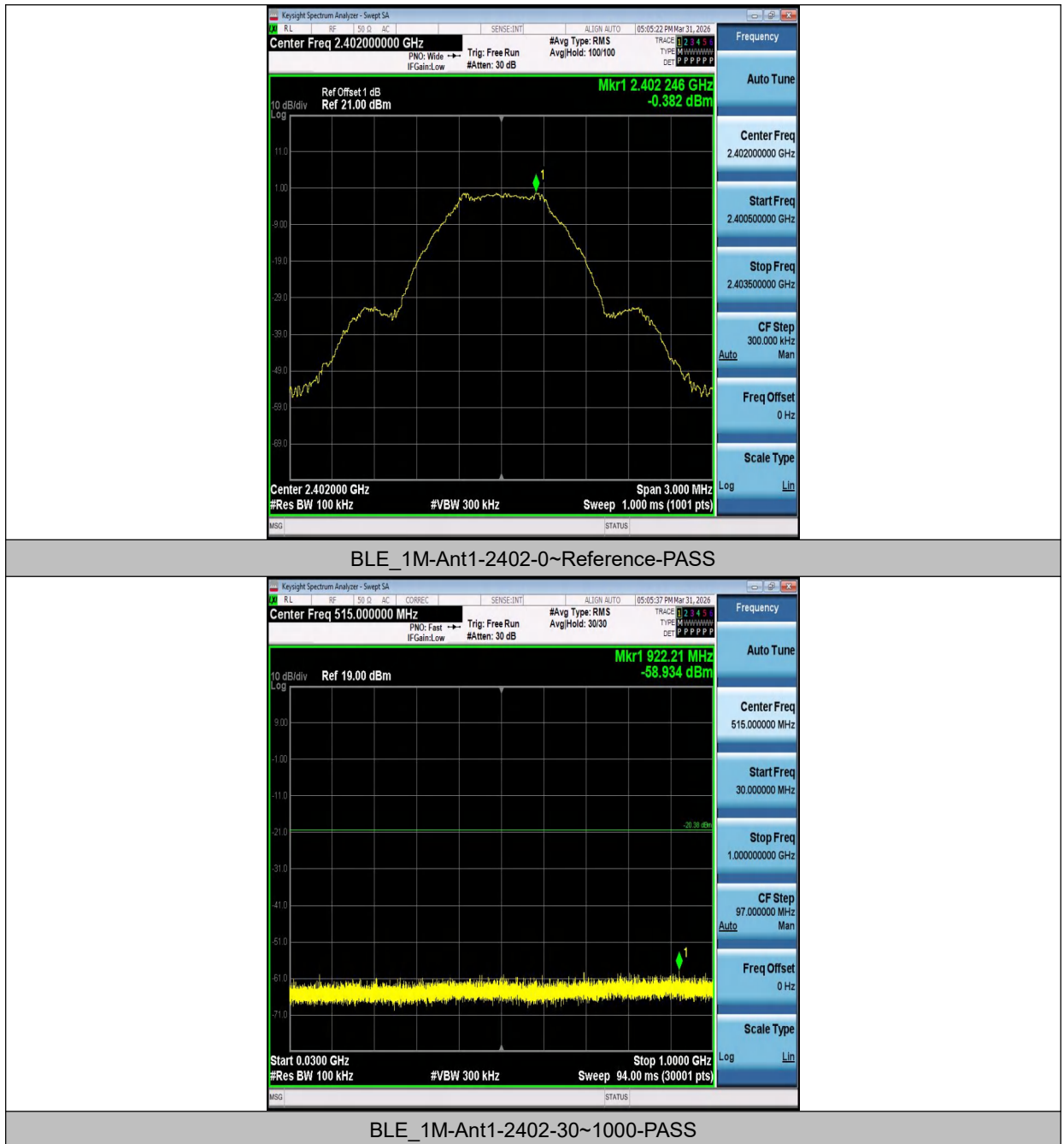
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-0.38	-0.38	---	PASS
BLE_1M	Ant1	2402	30~1000	-0.38	-58.93	≤-20.38	PASS
BLE_1M	Ant1	2402	1000~26500	-0.38	-29.82	≤-20.38	PASS
BLE_1M	Ant1	2440	0~Reference	-0.37	-0.37	---	PASS
BLE_1M	Ant1	2440	30~1000	-0.37	-59.03	≤-20.37	PASS
BLE_1M	Ant1	2440	1000~26500	-0.37	-32.45	≤-20.37	PASS
BLE_1M	Ant1	2480	0~Reference	-0.40	-0.40	---	PASS
BLE_1M	Ant1	2480	30~1000	-0.40	-59.12	≤-20.4	PASS
BLE_1M	Ant1	2480	1000~26500	-0.40	-32.74	≤-20.4	PASS
BLE_2M	Ant1	2402	0~Reference	-2.40	-2.40	---	PASS
BLE_2M	Ant1	2402	30~1000	-2.40	-58.27	≤-22.4	PASS
BLE_2M	Ant1	2402	1000~26500	-2.40	-33.1	≤-22.4	PASS
BLE_2M	Ant1	2440	0~Reference	-2.44	-2.44	---	PASS
BLE_2M	Ant1	2440	30~1000	-2.44	-59.08	≤-22.44	PASS
BLE_2M	Ant1	2440	1000~26500	-2.44	-34.14	≤-22.44	PASS
BLE_2M	Ant1	2480	0~Reference	-2.53	-2.53	---	PASS
BLE_2M	Ant1	2480	30~1000	-2.53	-58.56	≤-22.53	PASS
BLE_2M	Ant1	2480	1000~26500	-2.53	-36.43	≤-22.53	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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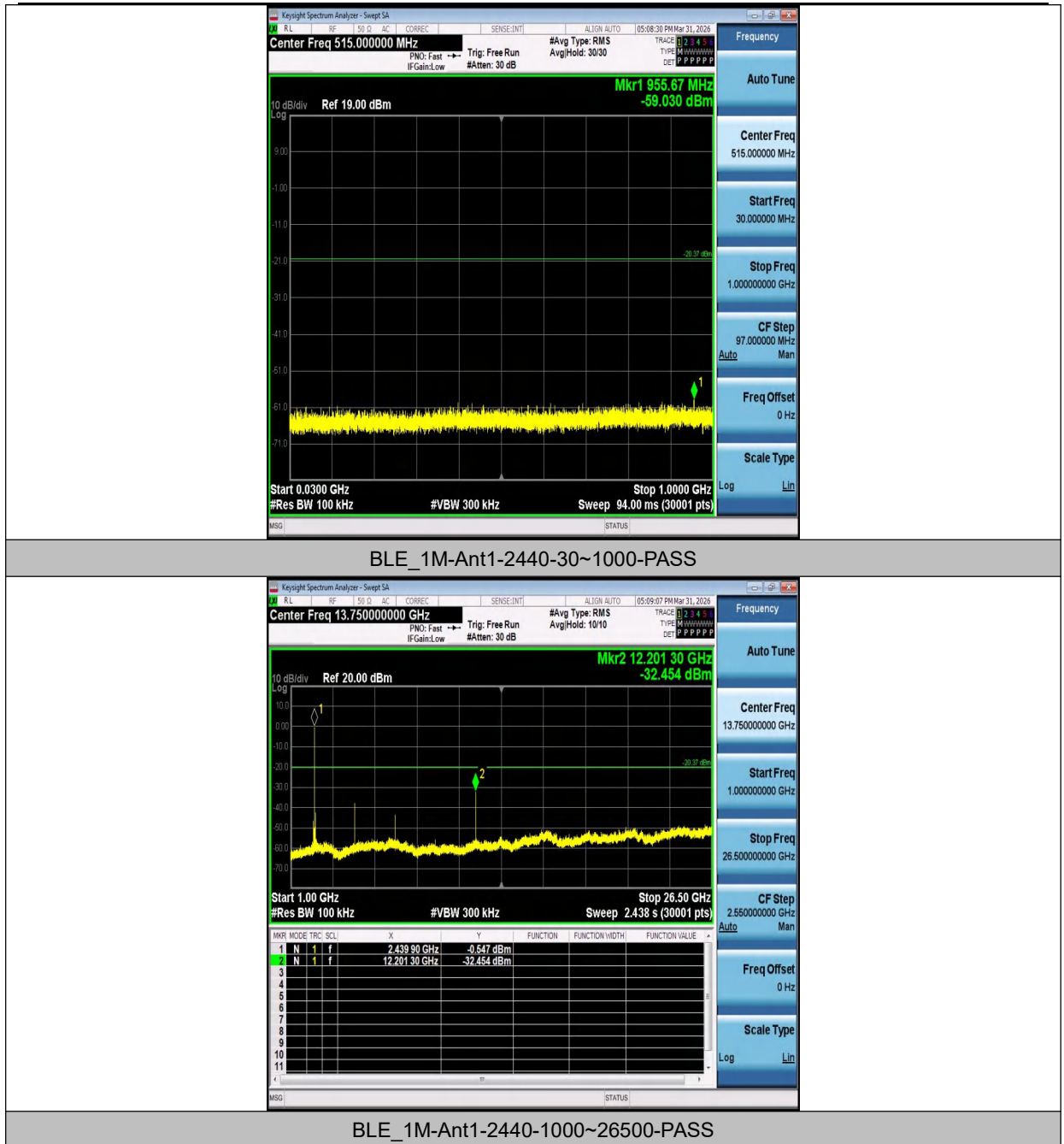
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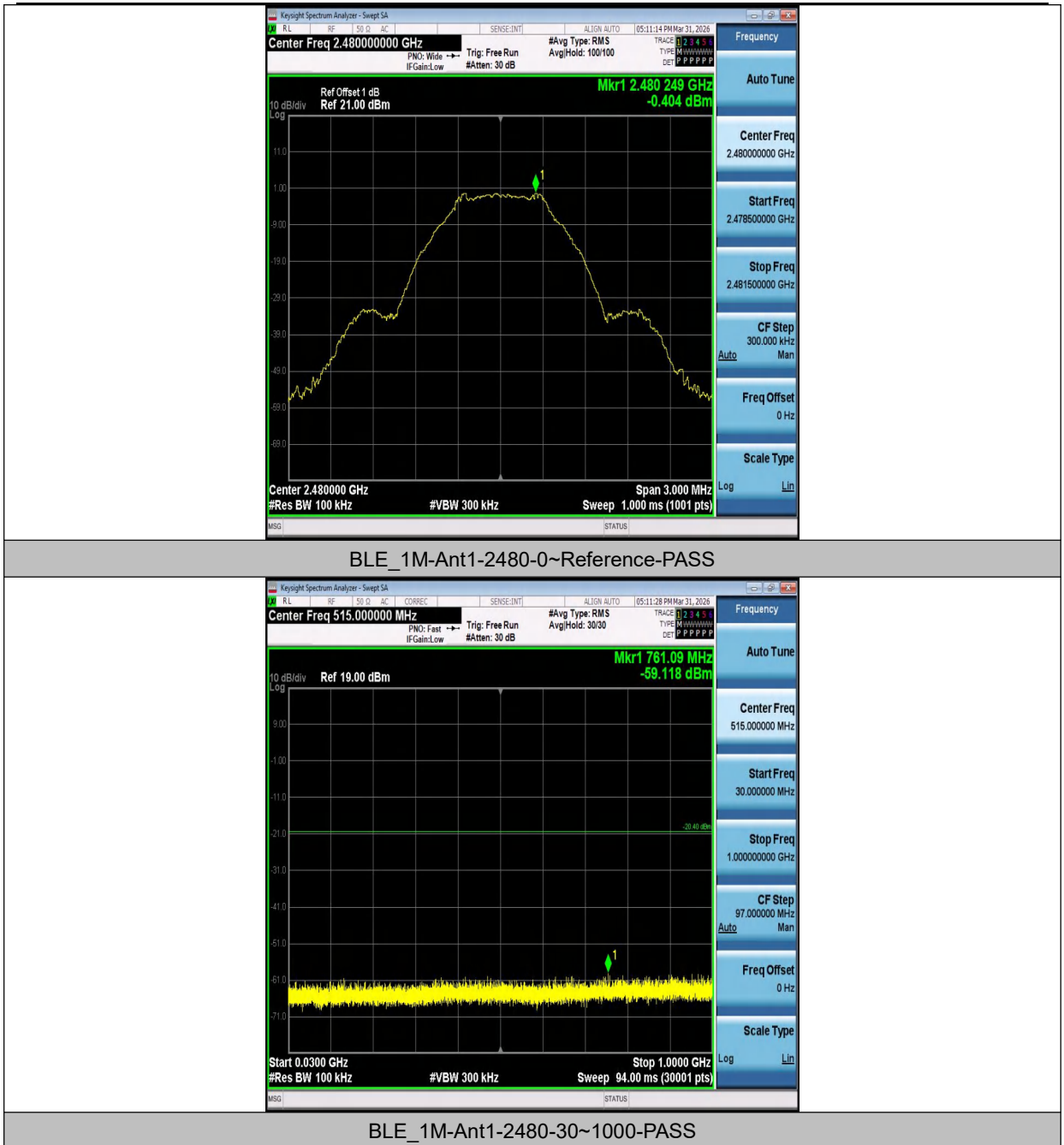
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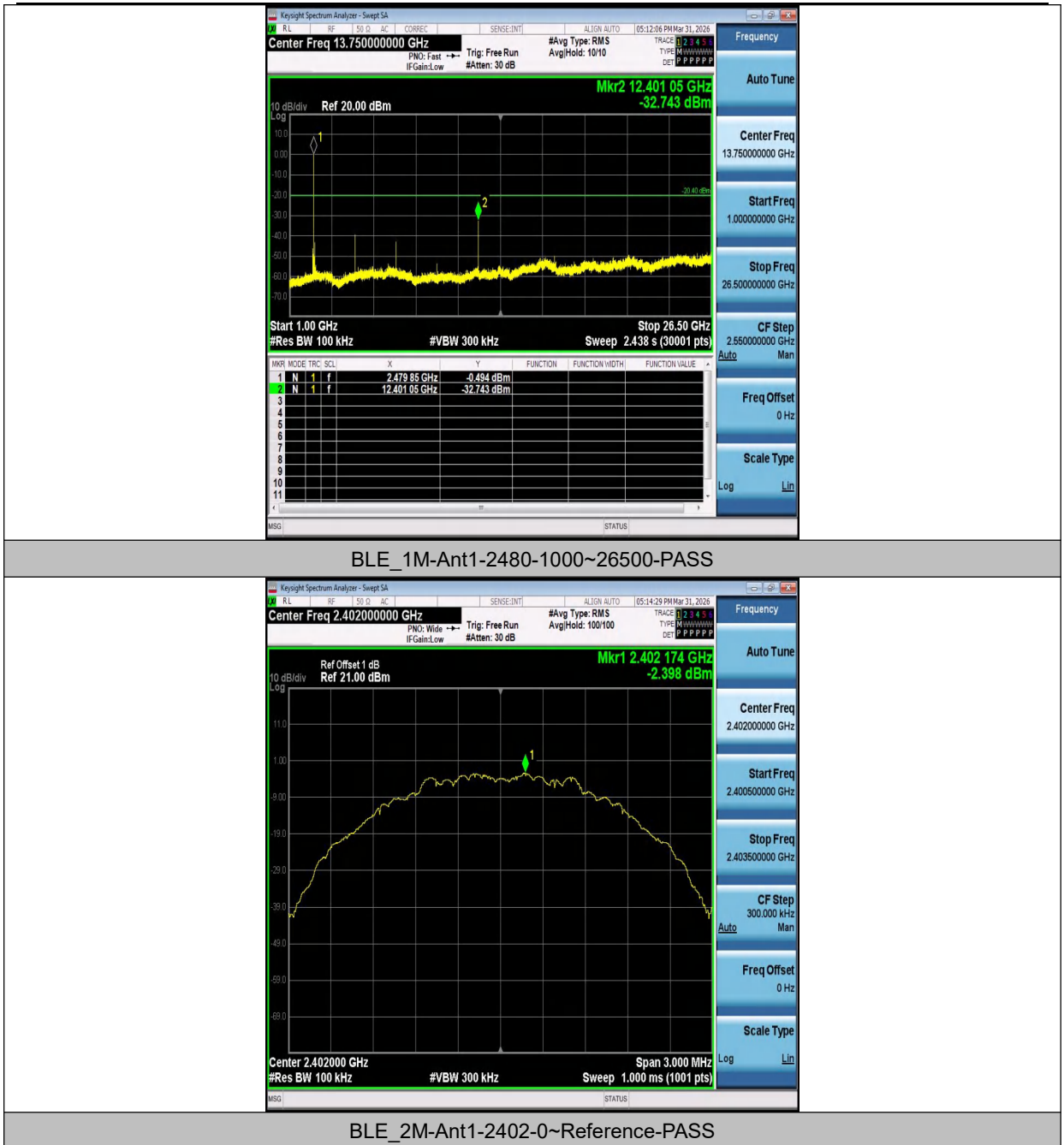
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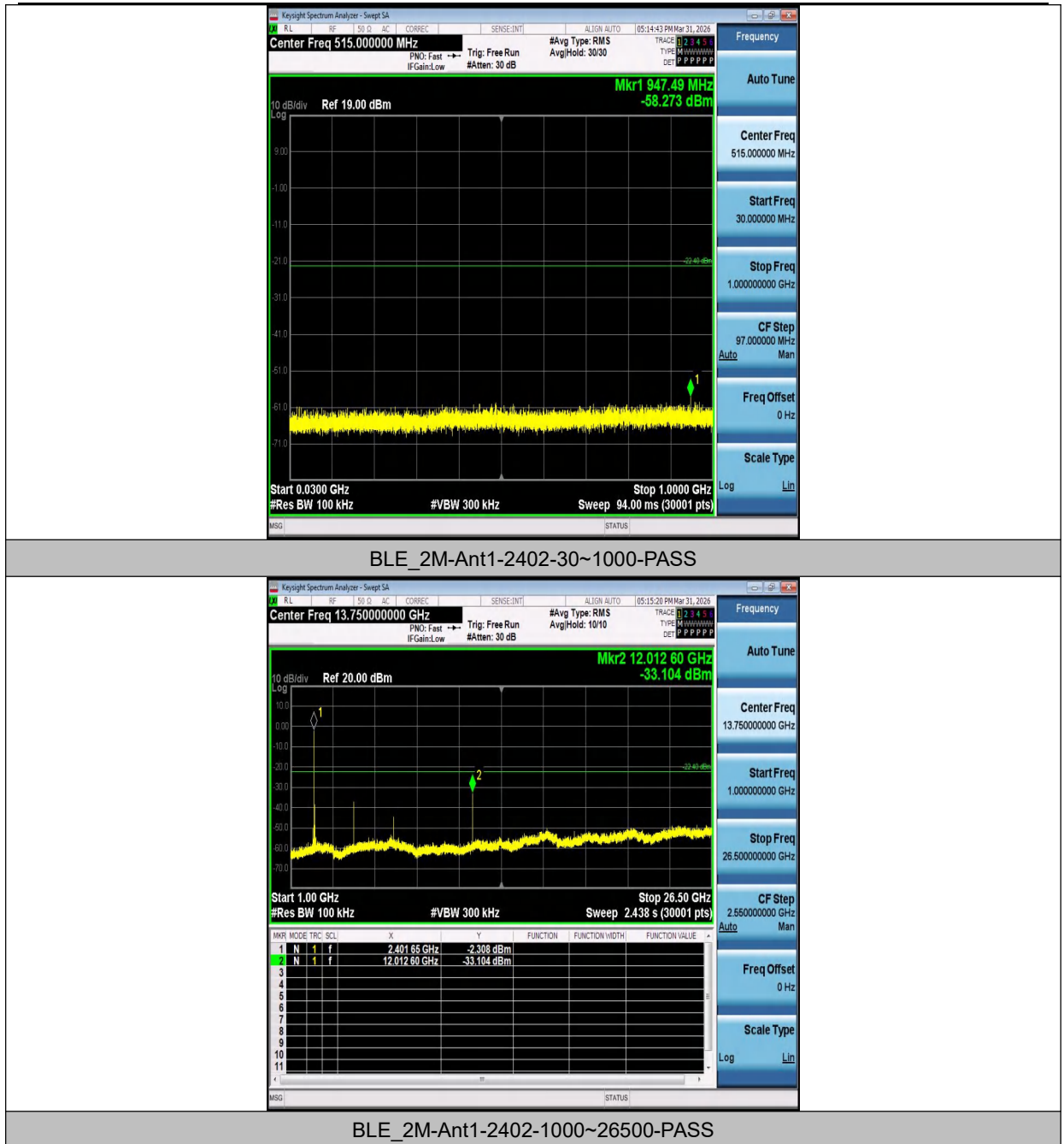
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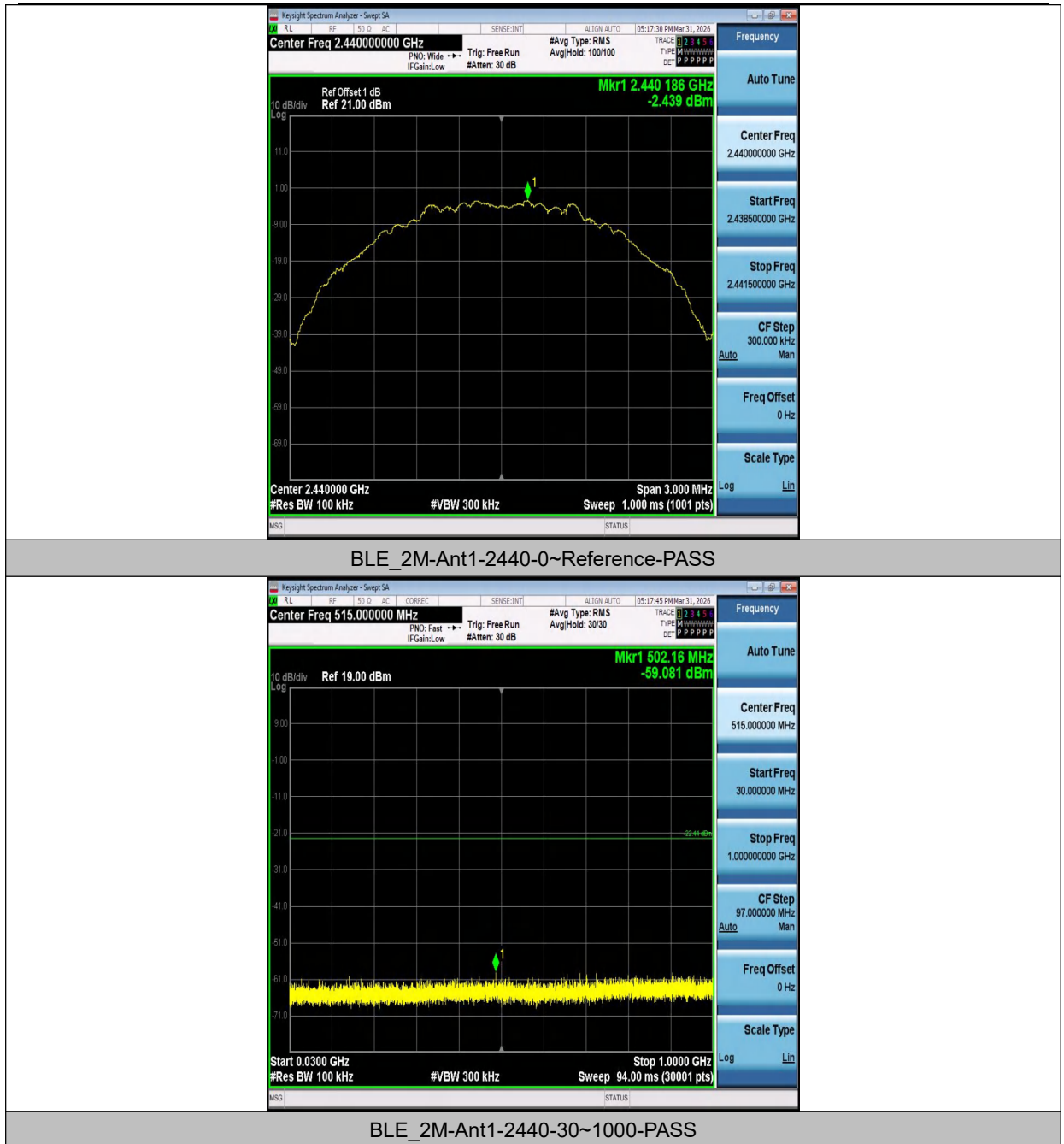
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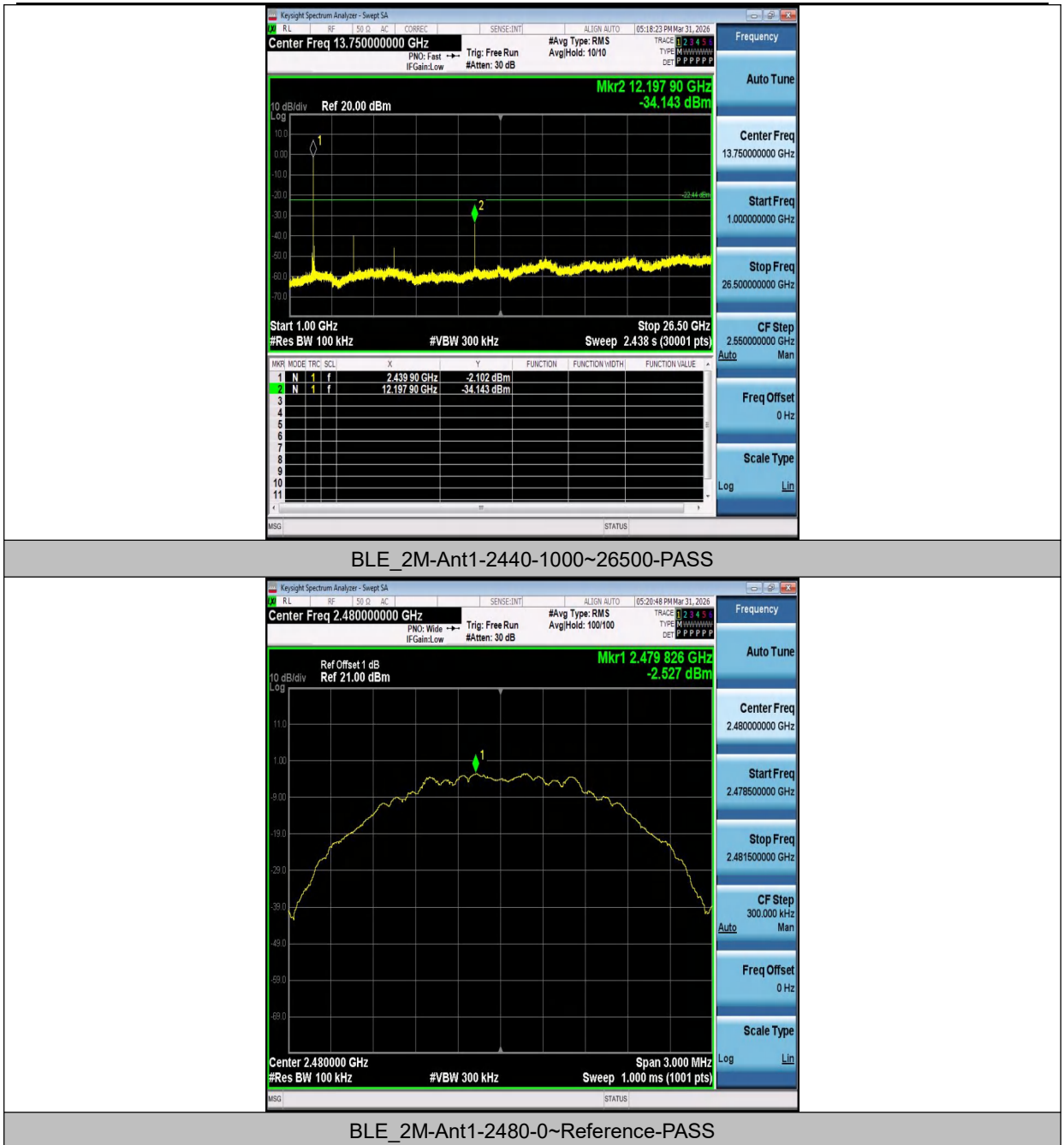
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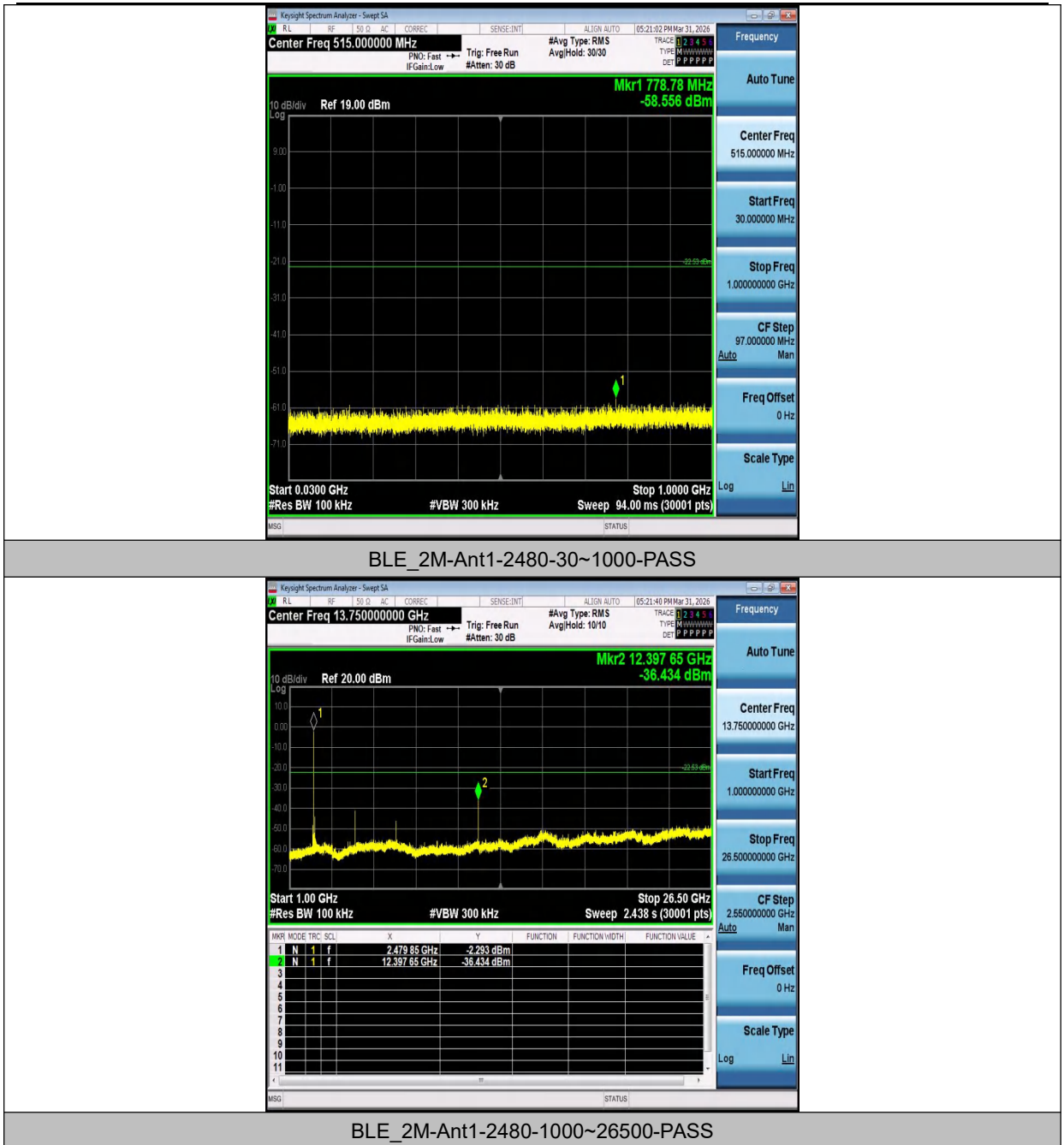
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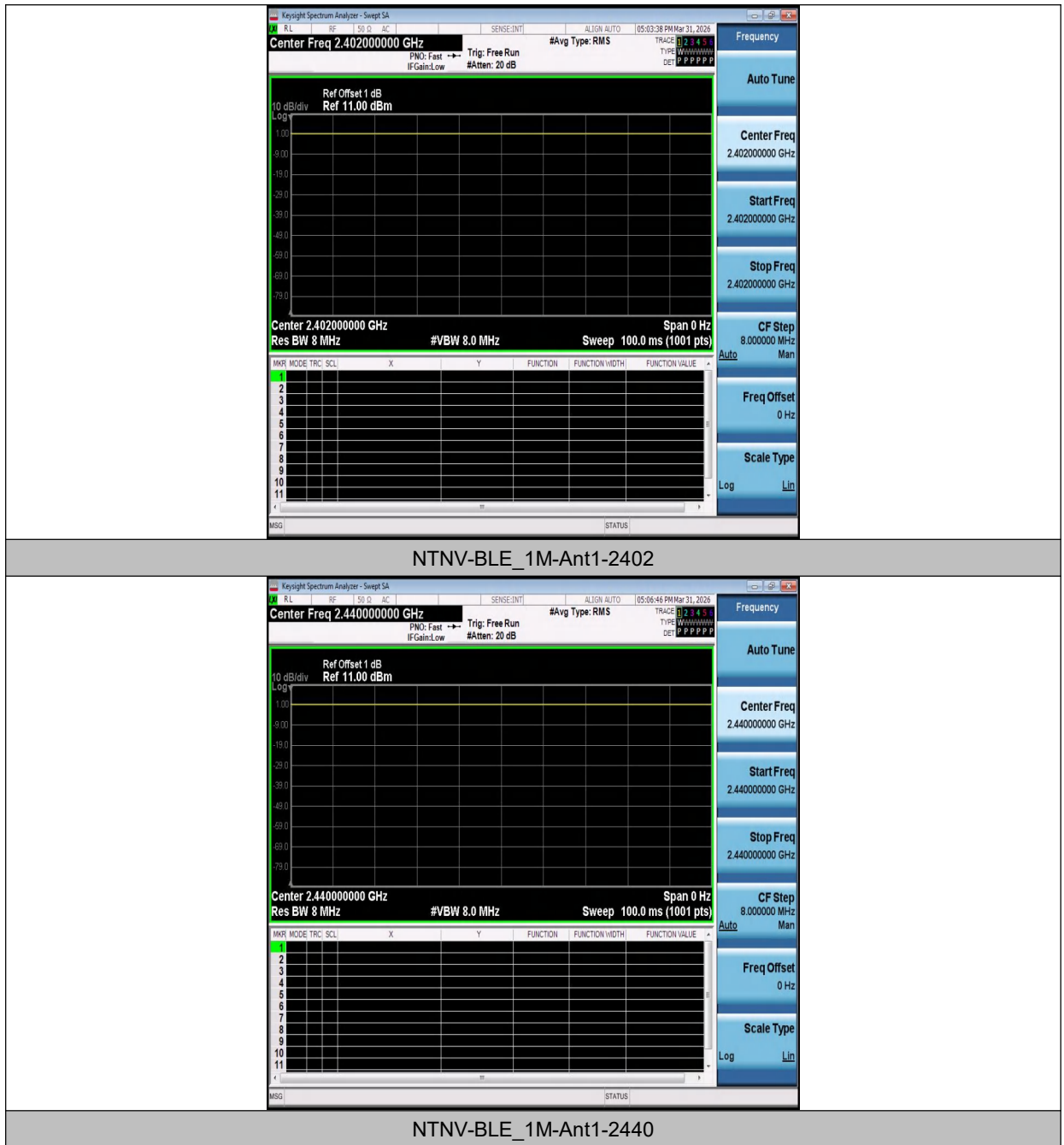
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Appendix G: Duty Cycle

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

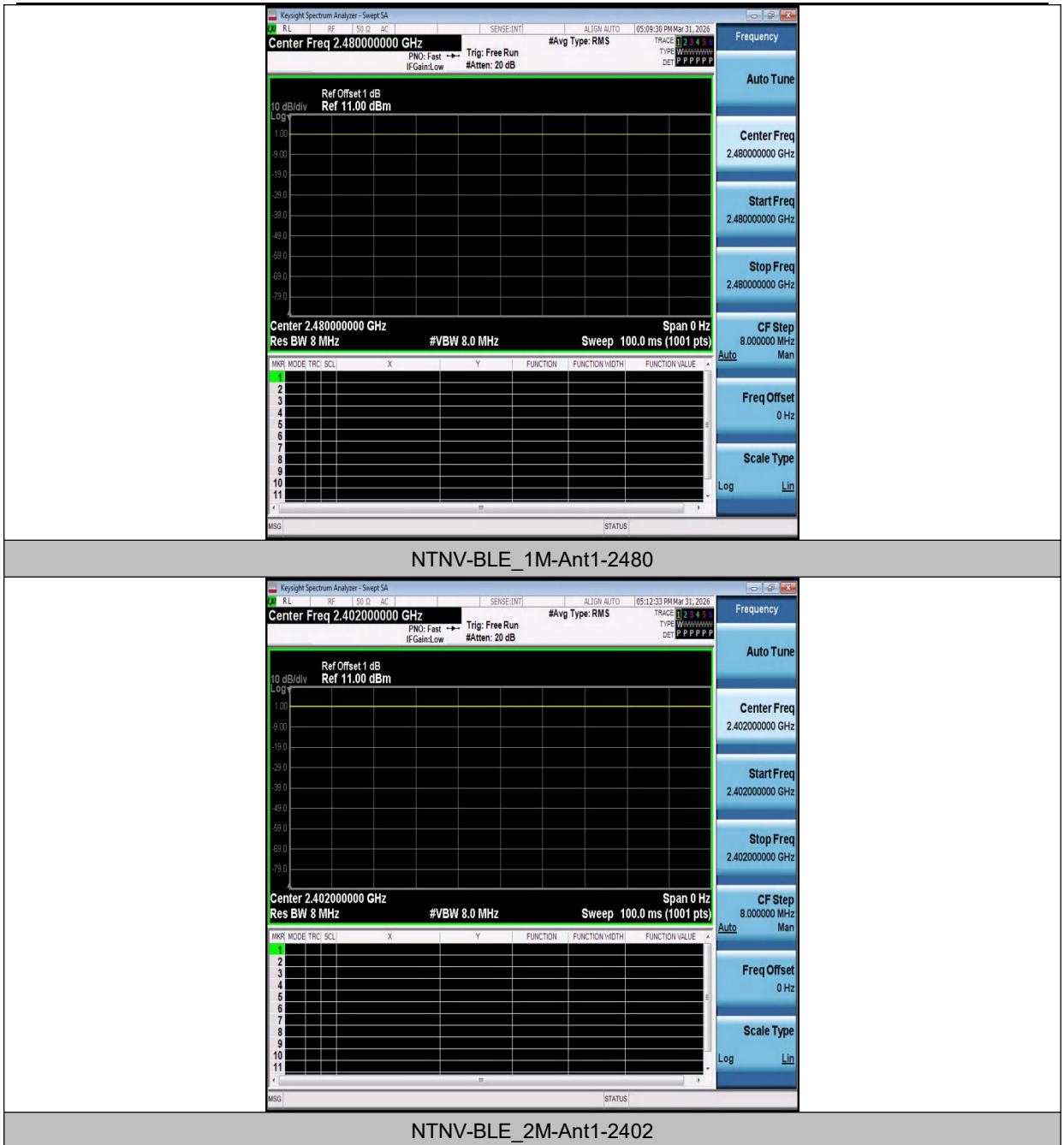
Test Graphs



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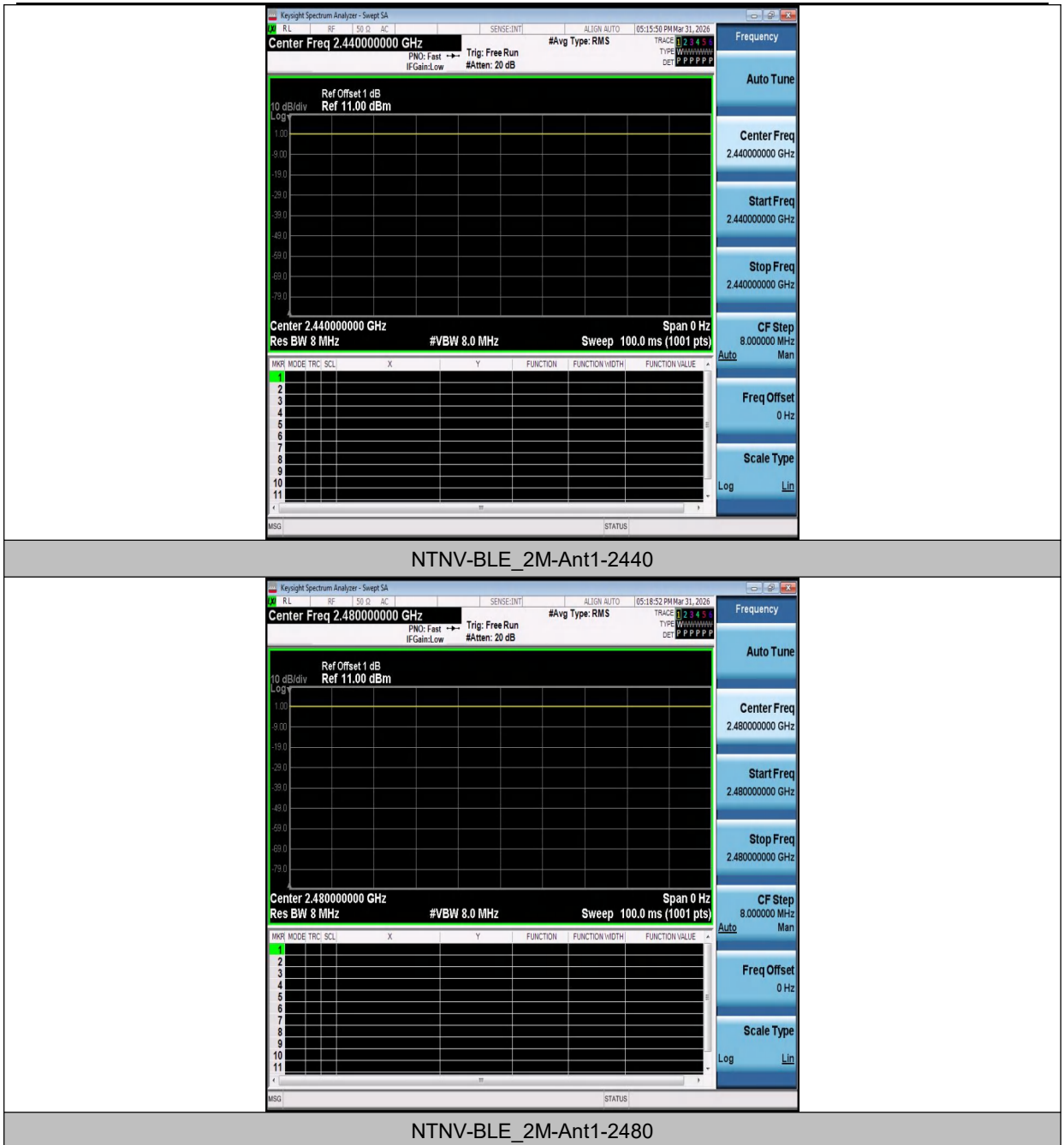
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