

Appendix Test Data

Report No.:	1818C60006812501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-1-21	Finish Test Date:	2026-1-26
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	23.1°C	Relative Humidity:	45%
Pressure:	101kPa		

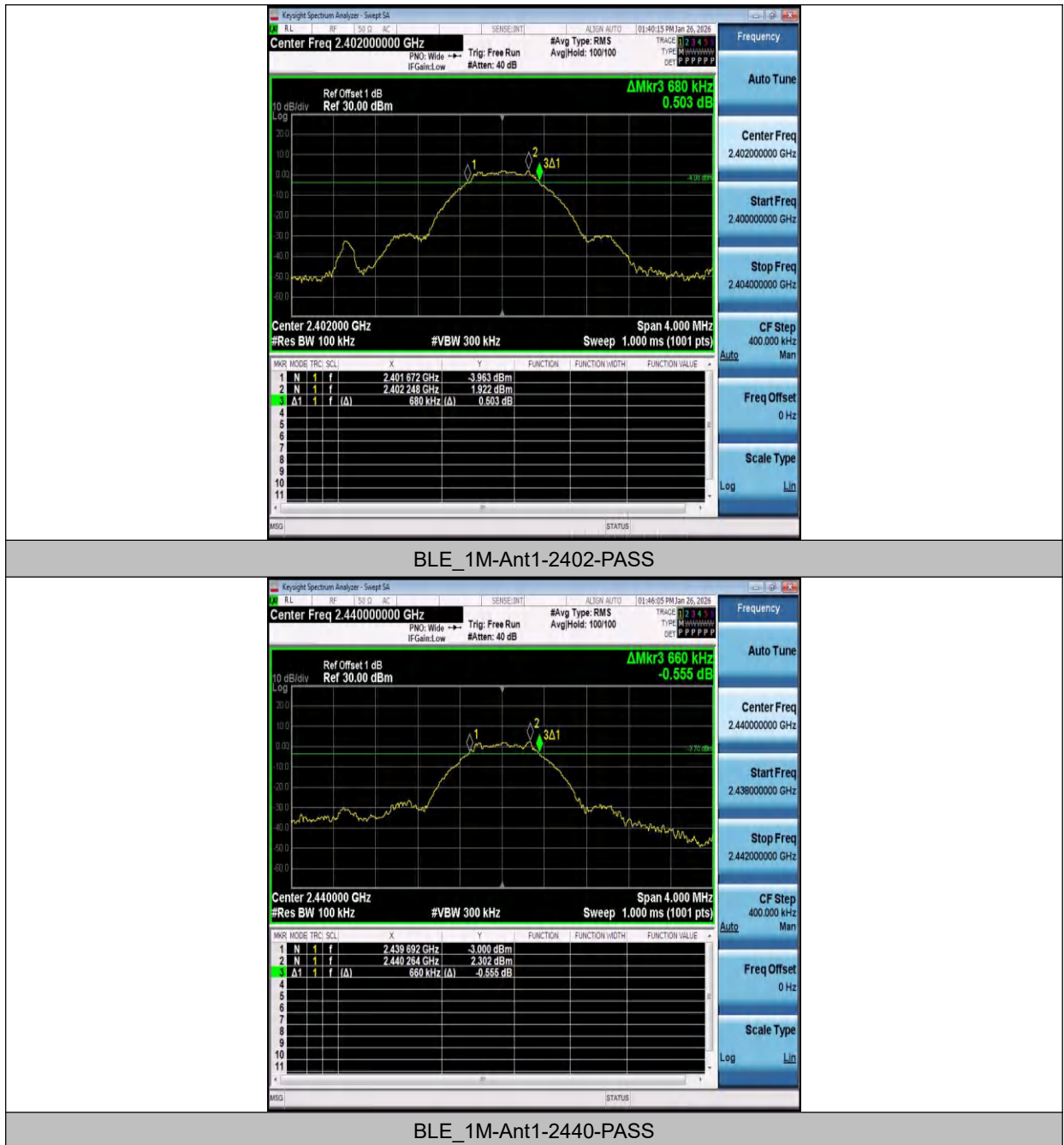


Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.680	2401.672	2402.352	0.5	PASS
BLE_1M	Ant1	2440	0.660	2439.692	2440.352	0.5	PASS
BLE_1M	Ant1	2480	0.668	2479.688	2480.356	0.5	PASS
BLE_2M	Ant1	2402	1.220	2401.360	2402.580	0.5	PASS
BLE_2M	Ant1	2440	1.096	2439.456	2440.552	0.5	PASS
BLE_2M	Ant1	2480	1.148	2479.452	2480.600	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	1.0210	2401.5099	2402.5309	---	---
BLE_1M	Ant1	2440	1.0179	2439.5060	2440.5239	---	---
BLE_1M	Ant1	2480	1.0277	2479.5086	2480.5363	---	---
BLE_2M	Ant1	2402	2.0659	2400.9987	2403.0646	---	---
BLE_2M	Ant1	2440	2.0500	2439.0037	2441.0537	---	---
BLE_2M	Ant1	2480	2.0645	2478.9995	2481.0640	---	---

Test Graphs



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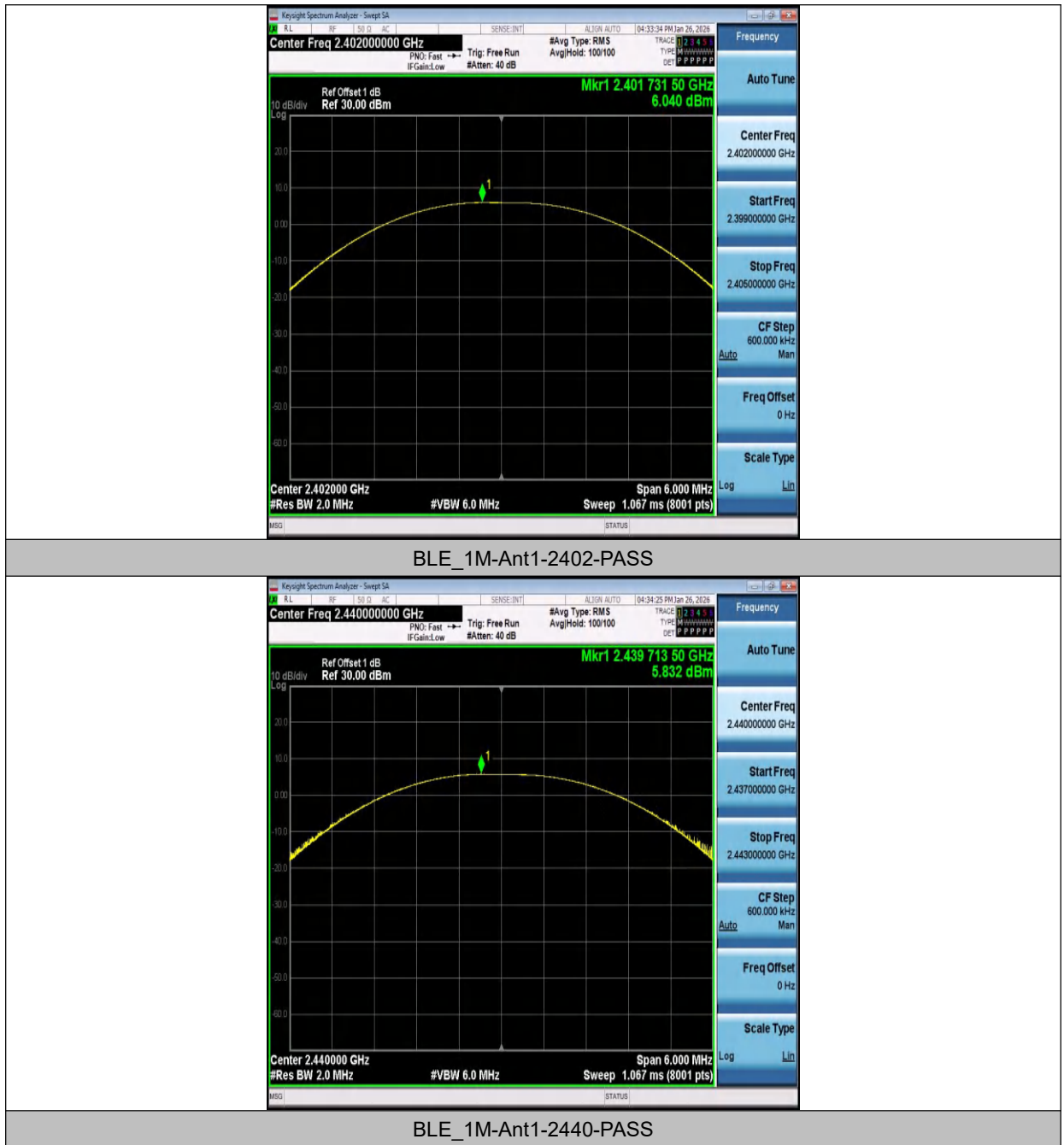
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Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	6.04	≤30	PASS
BLE_1M	Ant1	2440	5.83	≤30	PASS
BLE_1M	Ant1	2480	4.99	≤30	PASS
BLE_2M	Ant1	2402	6.00	≤30	PASS
BLE_2M	Ant1	2440	5.91	≤30	PASS
BLE_2M	Ant1	2480	5.19	≤30	PASS

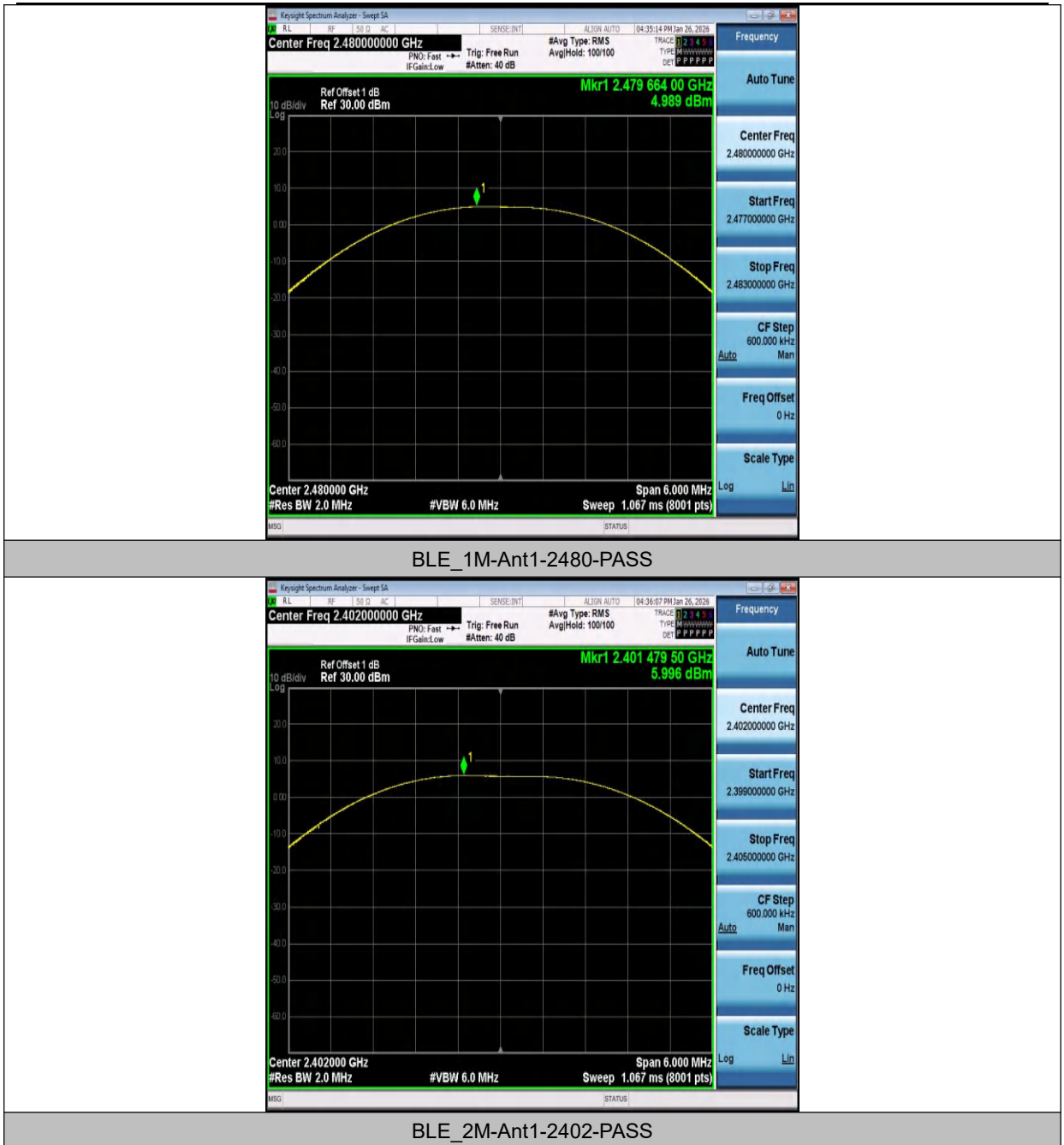
Test Graphs Peak



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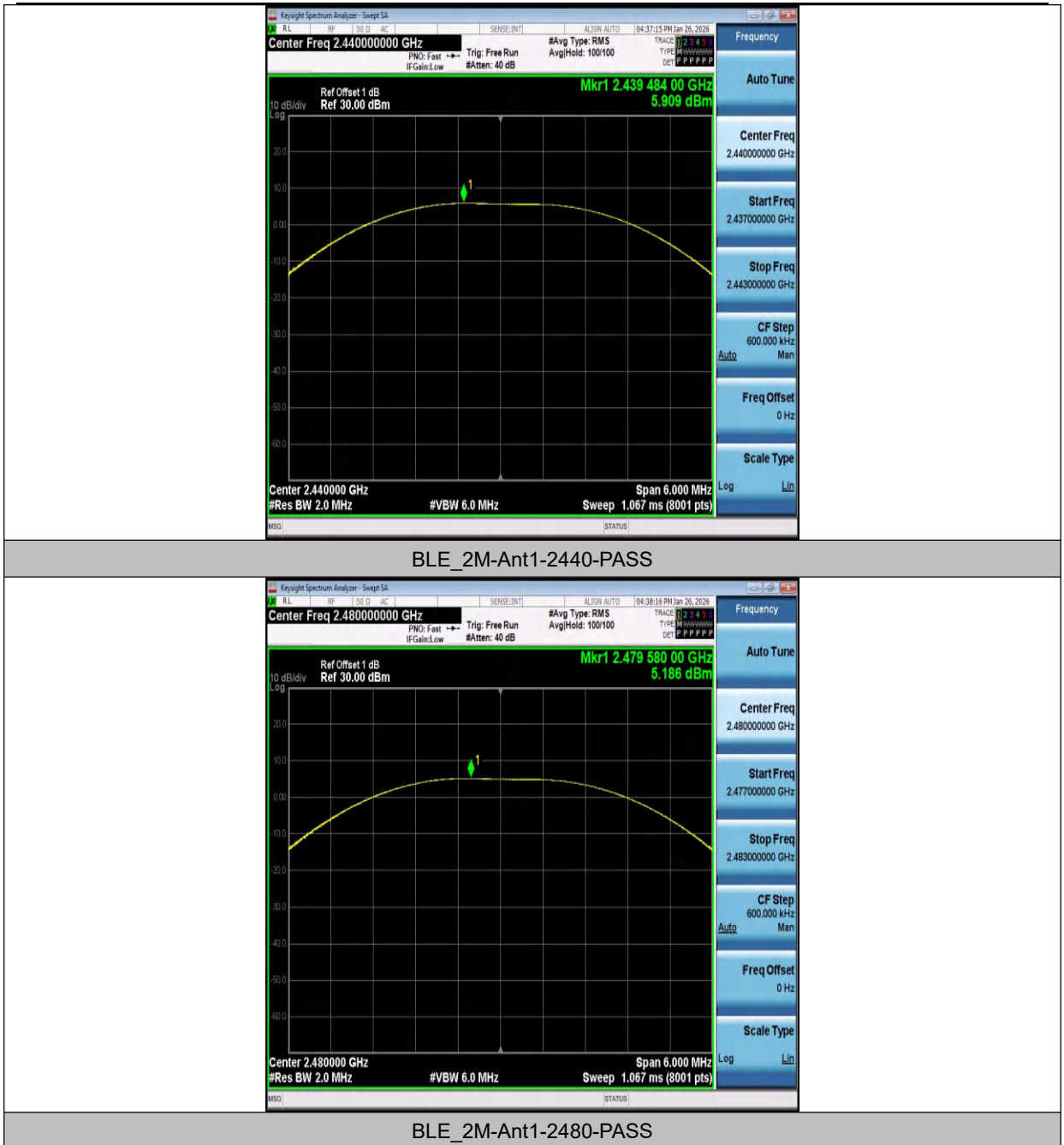
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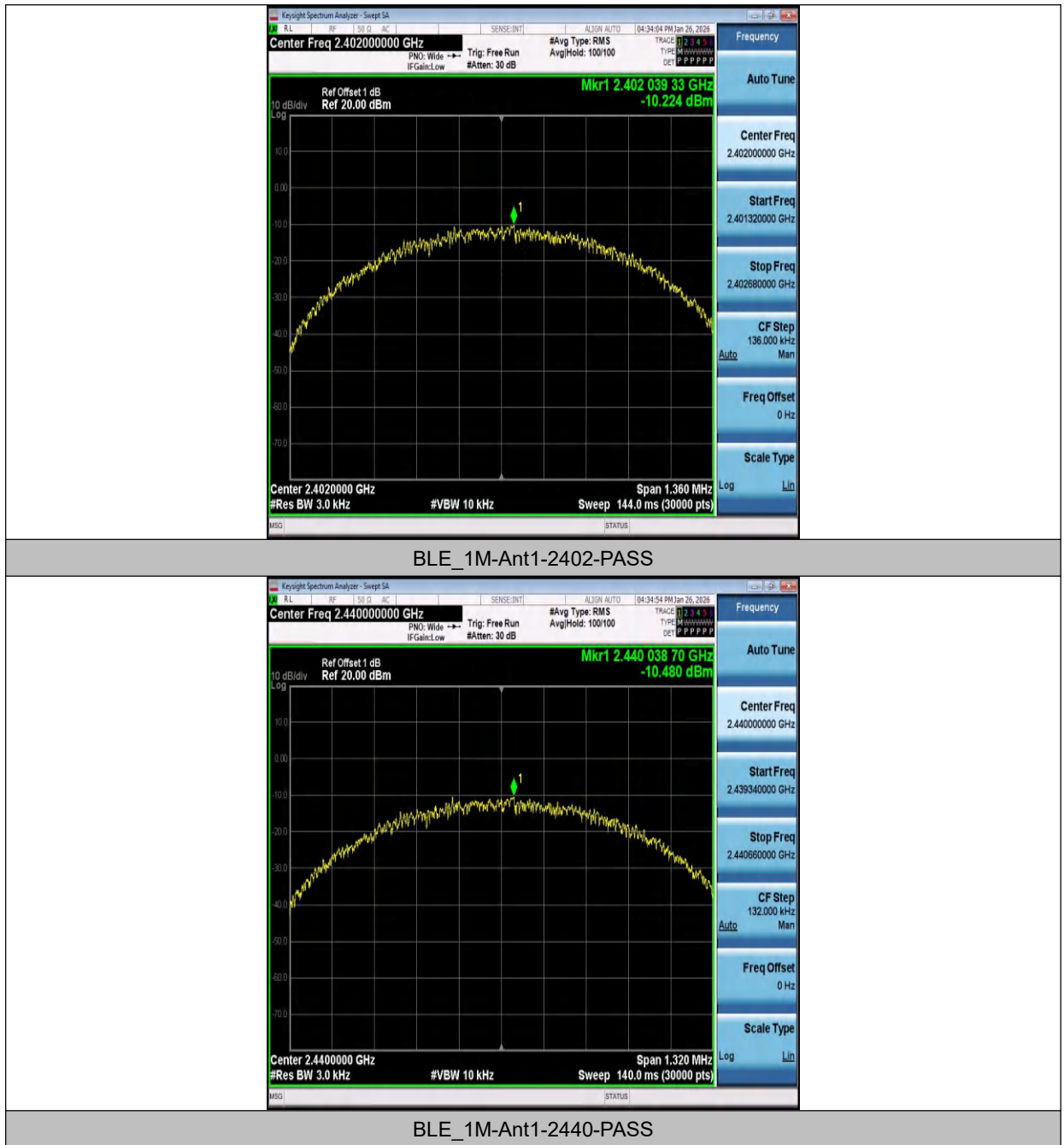
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-10.22	≤8.00	PASS
BLE_1M	Ant1	2440	-10.48	≤8.00	PASS
BLE_1M	Ant1	2480	-11.22	≤8.00	PASS
BLE_2M	Ant1	2402	-12.61	≤8.00	PASS
BLE_2M	Ant1	2440	-12.51	≤8.00	PASS
BLE_2M	Ant1	2480	-13.16	≤8.00	PASS

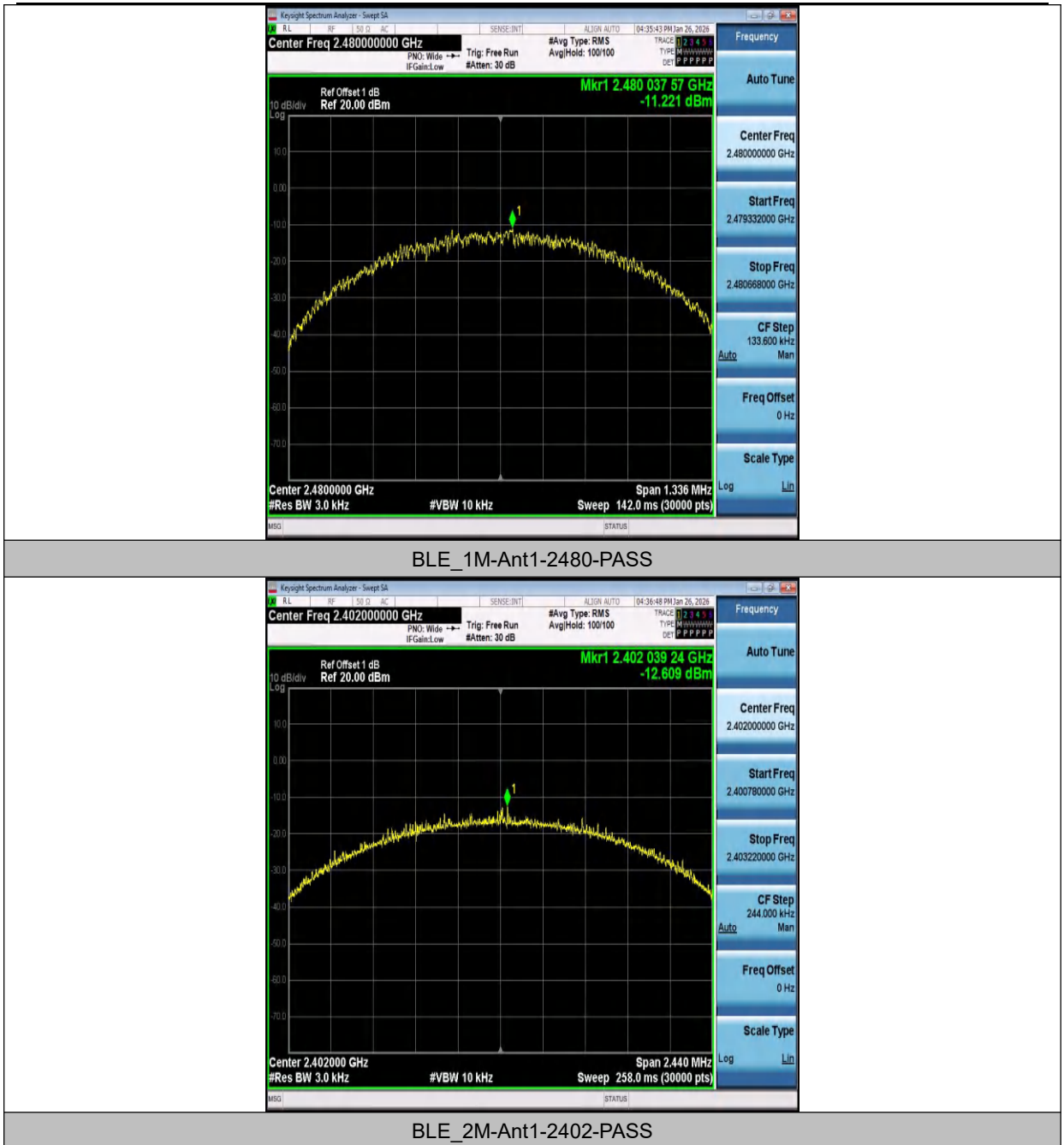
Test Graphs



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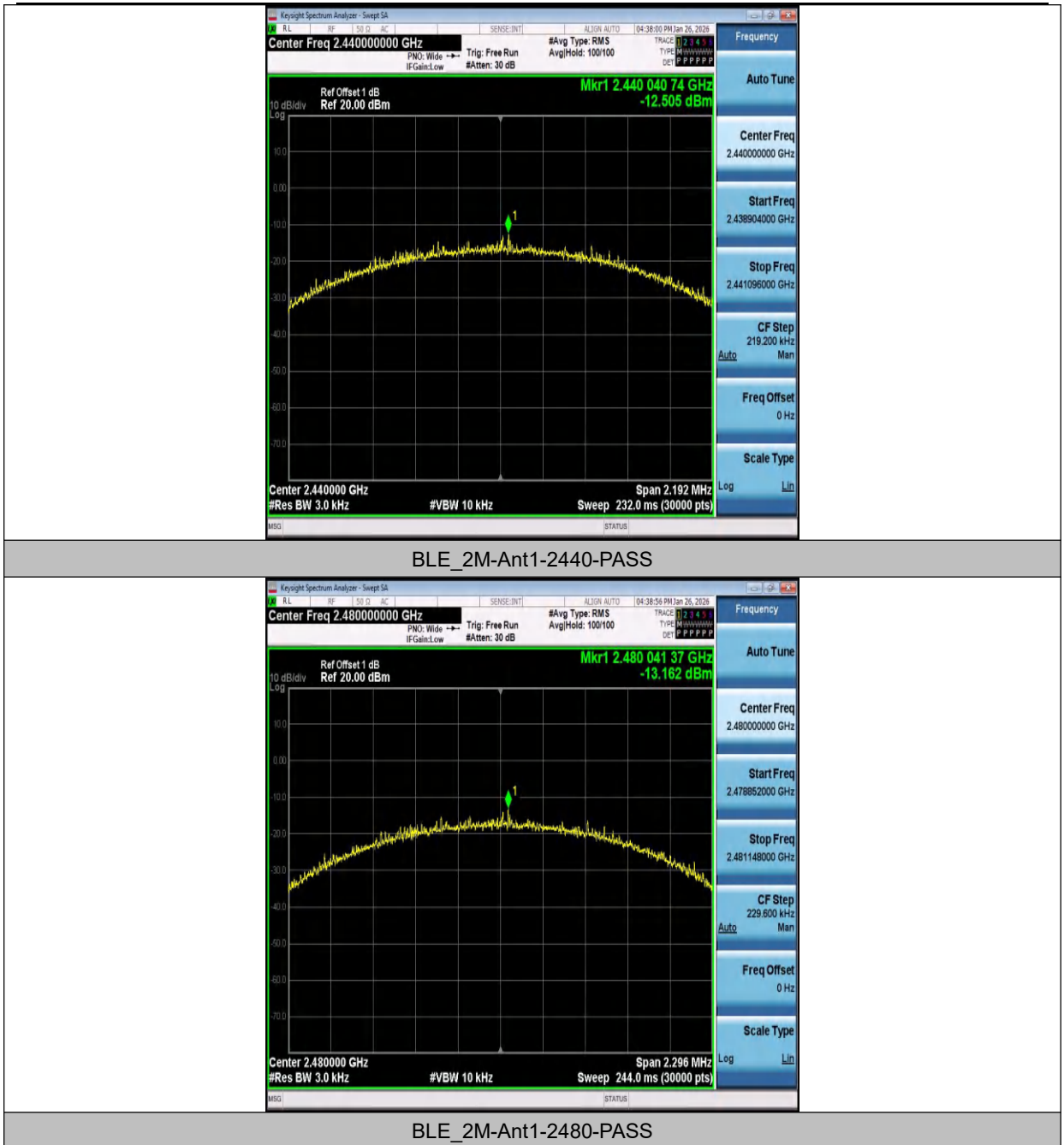
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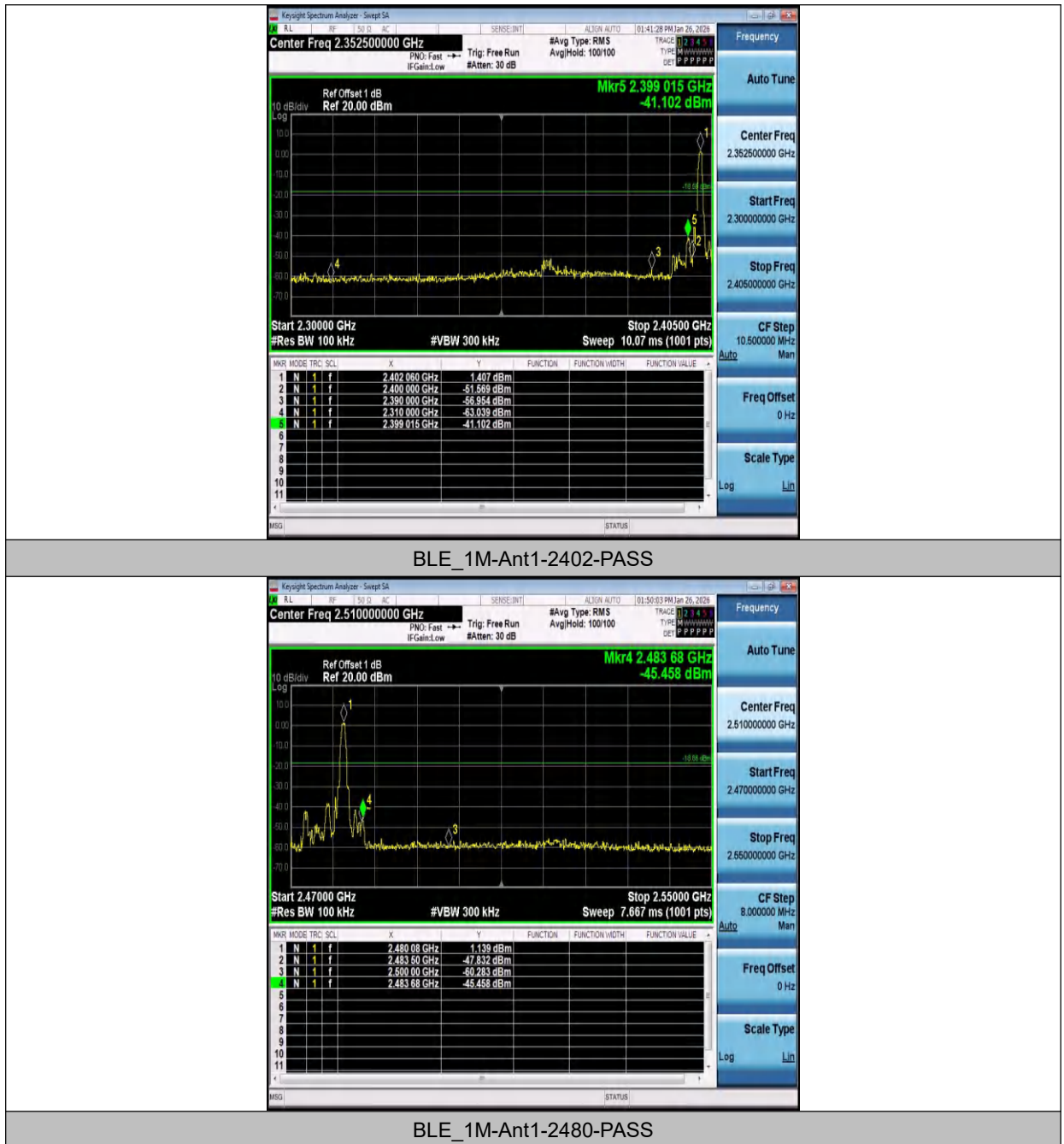
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	1.41	-41.1	≤-18.59	PASS
BLE_1M	Ant1	High	2480	1.14	-45.46	≤-18.86	PASS
BLE_2M	Ant1	Low	2402	1.64	-32.82	≤-18.36	PASS
BLE_2M	Ant1	High	2480	-0.39	-48.96	≤-20.39	PASS

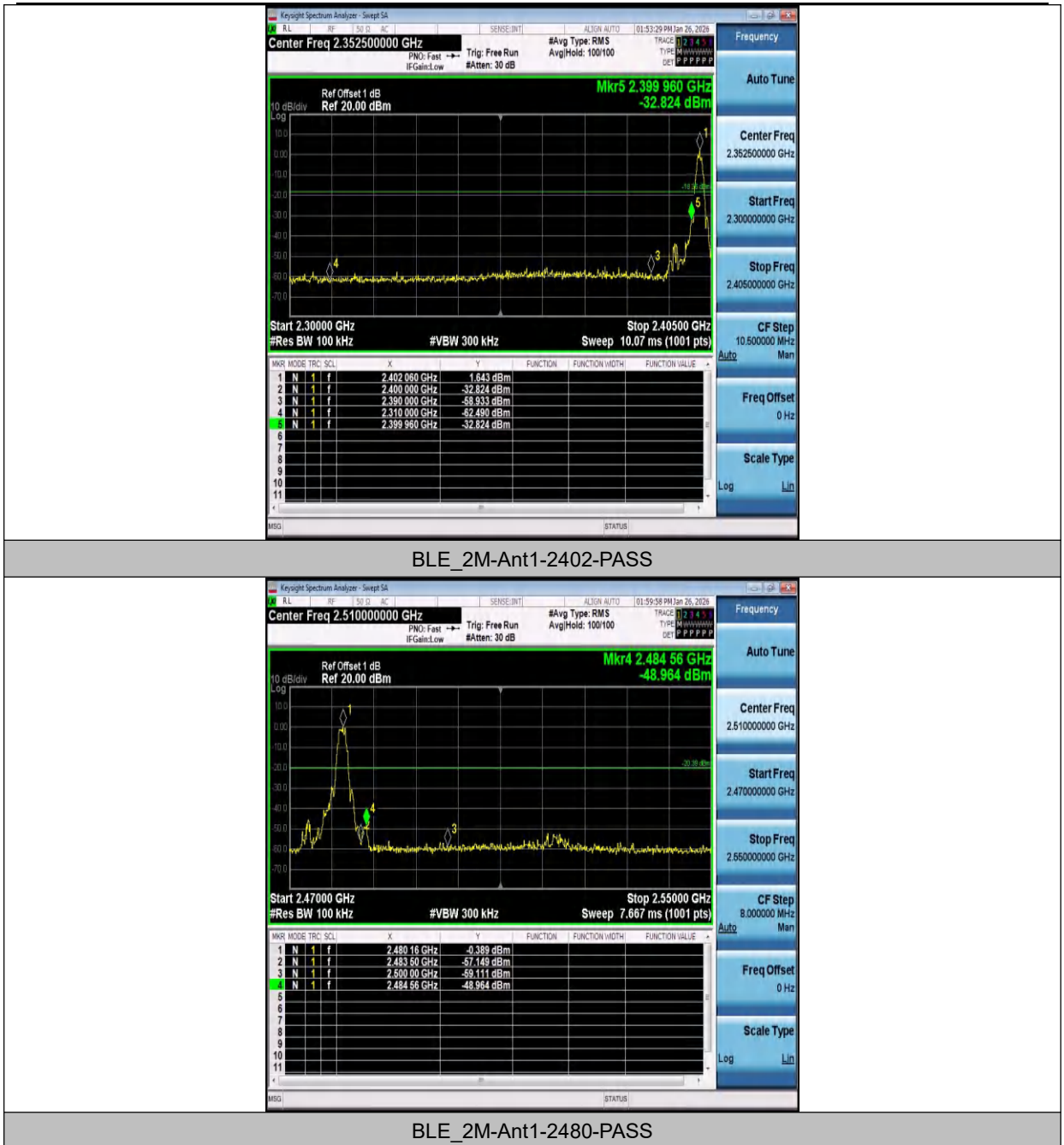
Test Graphs



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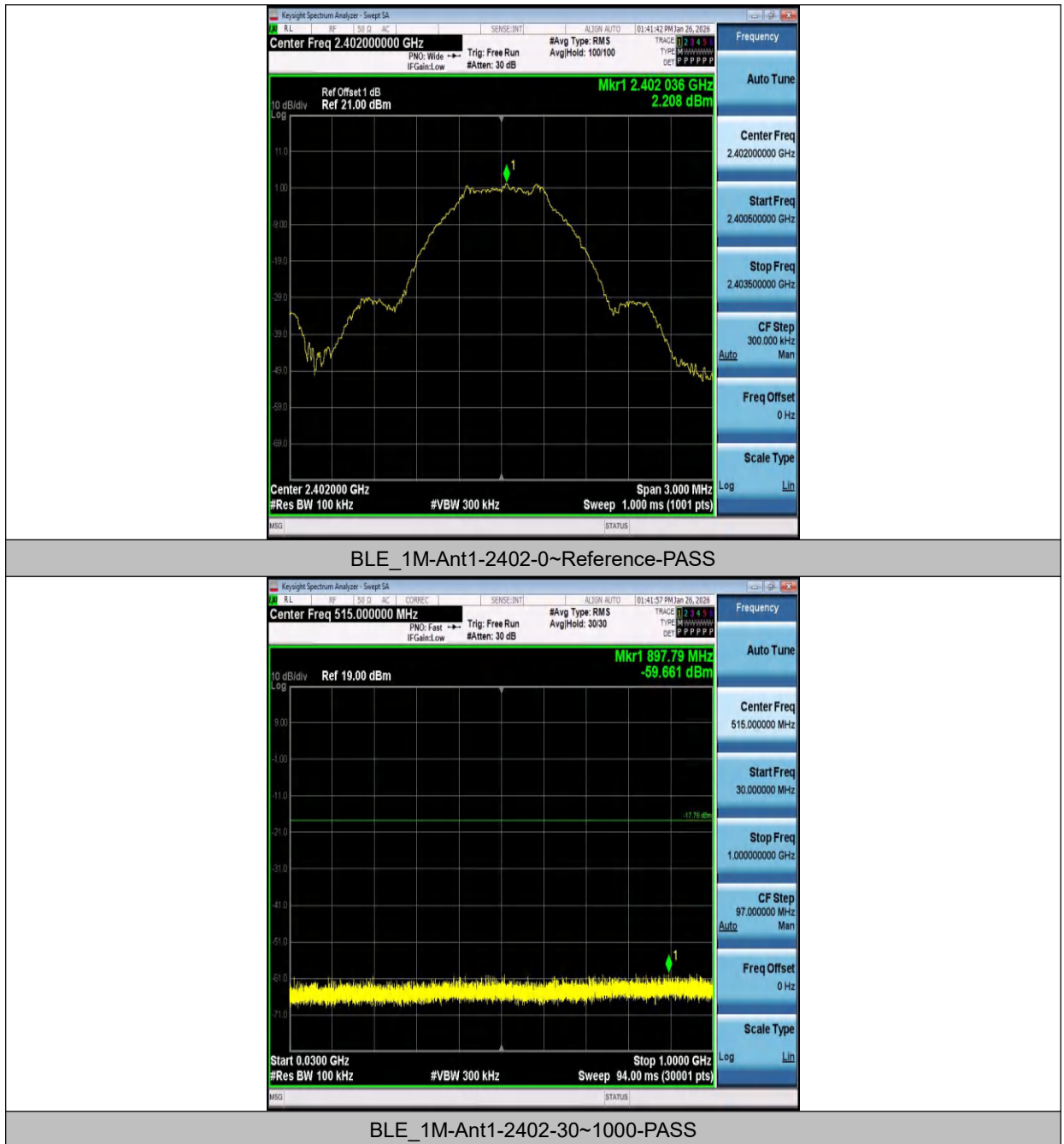
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	2.21	2.21	---	PASS
BLE_1M	Ant1	2402	30~1000	2.21	-59.66	≤-17.79	PASS
BLE_1M	Ant1	2402	1000~26500	2.21	-47.8	≤-17.79	PASS
BLE_1M	Ant1	2440	0~Reference	1.63	1.63	---	PASS
BLE_1M	Ant1	2440	30~1000	1.63	-59.47	≤-18.37	PASS
BLE_1M	Ant1	2440	1000~26500	1.63	-46.44	≤-18.37	PASS
BLE_1M	Ant1	2480	0~Reference	1.62	1.62	---	PASS
BLE_1M	Ant1	2480	30~1000	1.62	-58.99	≤-18.38	PASS
BLE_1M	Ant1	2480	1000~26500	1.62	-46.84	≤-18.38	PASS
BLE_2M	Ant1	2402	0~Reference	2.05	2.05	---	PASS
BLE_2M	Ant1	2402	30~1000	2.05	-43.61	≤-17.95	PASS
BLE_2M	Ant1	2402	1000~26500	2.05	-47.43	≤-17.95	PASS
BLE_2M	Ant1	2440	0~Reference	2.09	2.09	---	PASS
BLE_2M	Ant1	2440	30~1000	2.09	-58.52	≤-17.91	PASS
BLE_2M	Ant1	2440	1000~26500	2.09	-48.27	≤-17.91	PASS
BLE_2M	Ant1	2480	0~Reference	0.61	0.61	---	PASS
BLE_2M	Ant1	2480	30~1000	0.61	-58.98	≤-19.39	PASS
BLE_2M	Ant1	2480	1000~26500	0.61	-48.7	≤-19.39	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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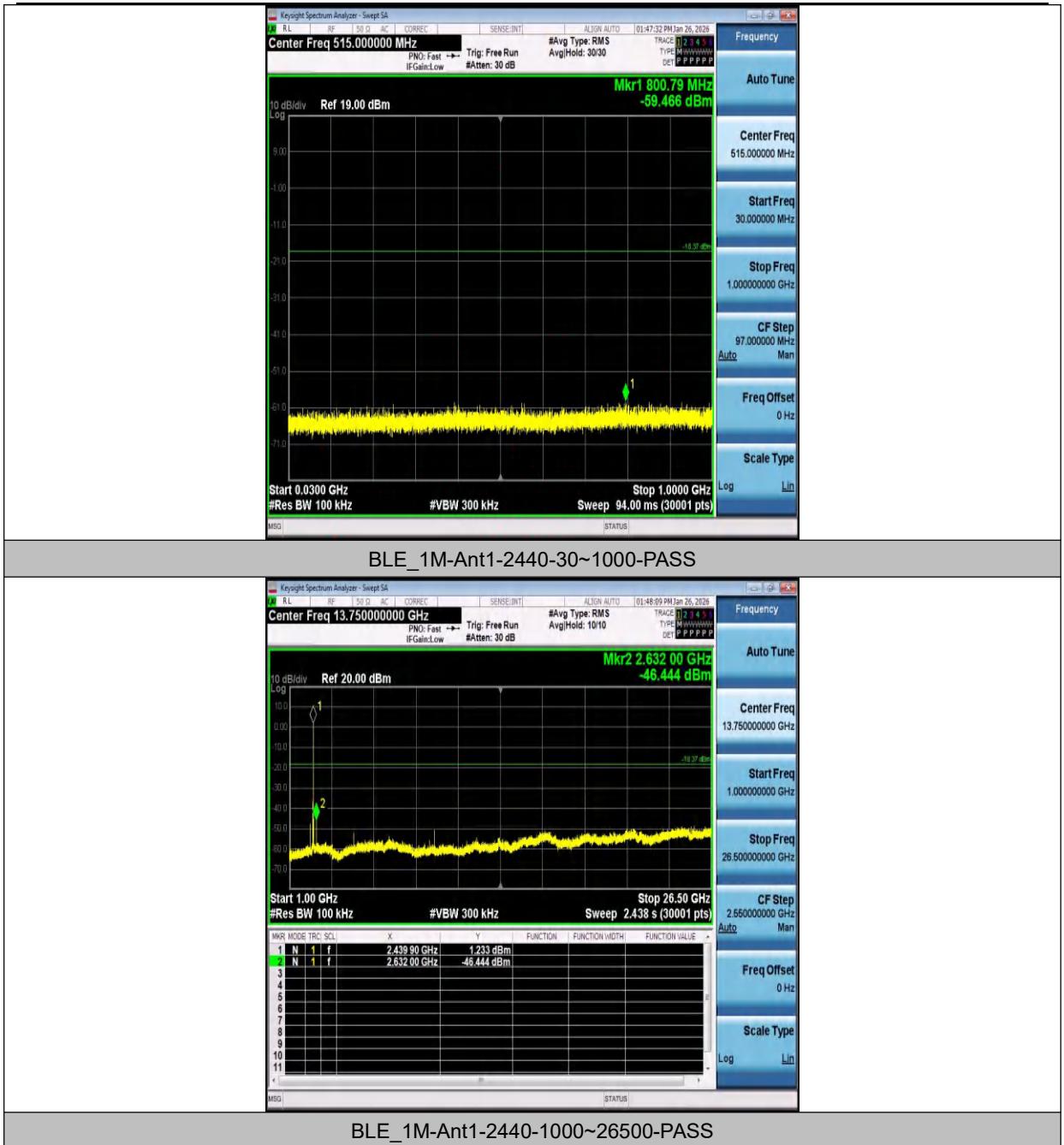
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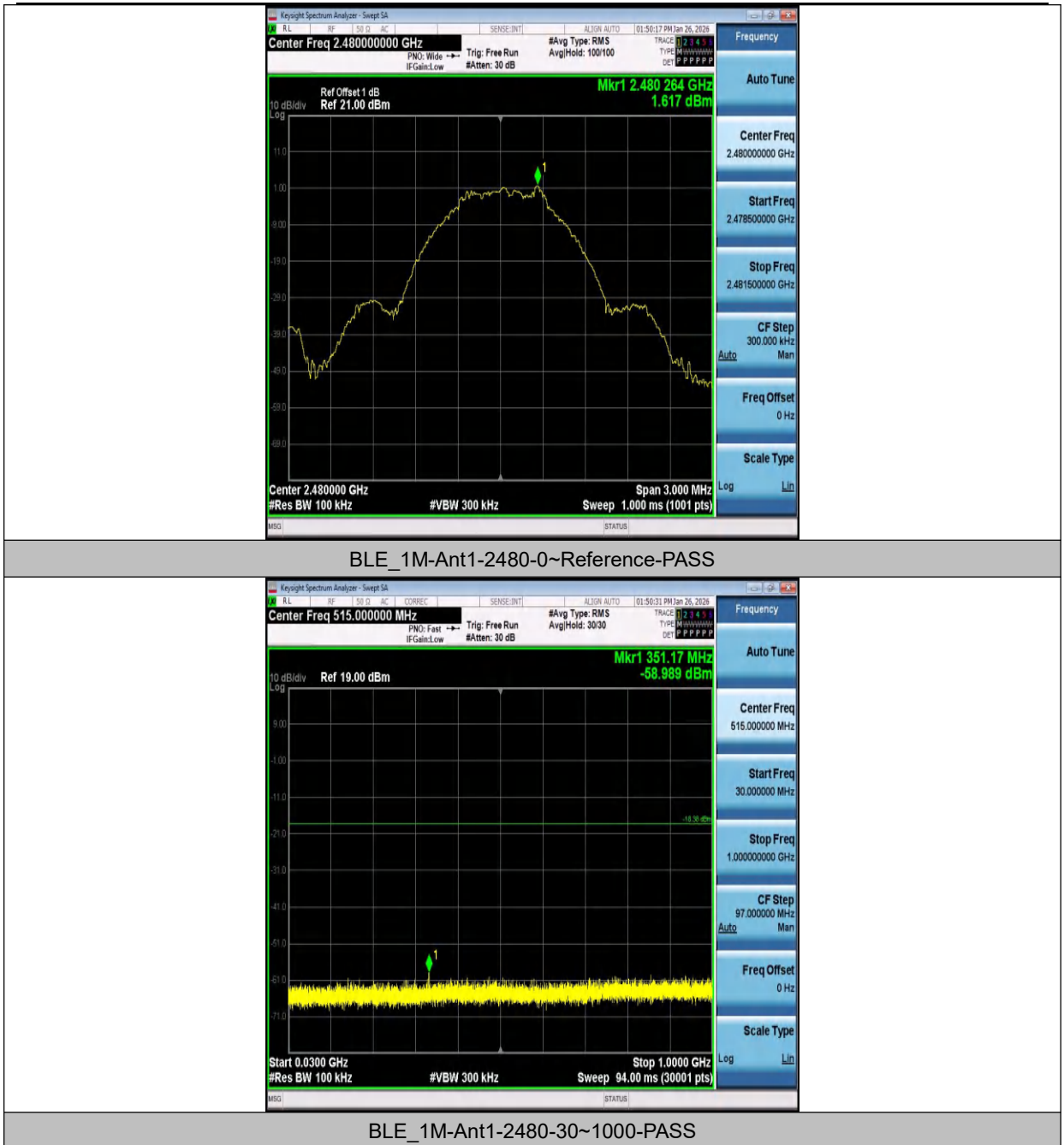
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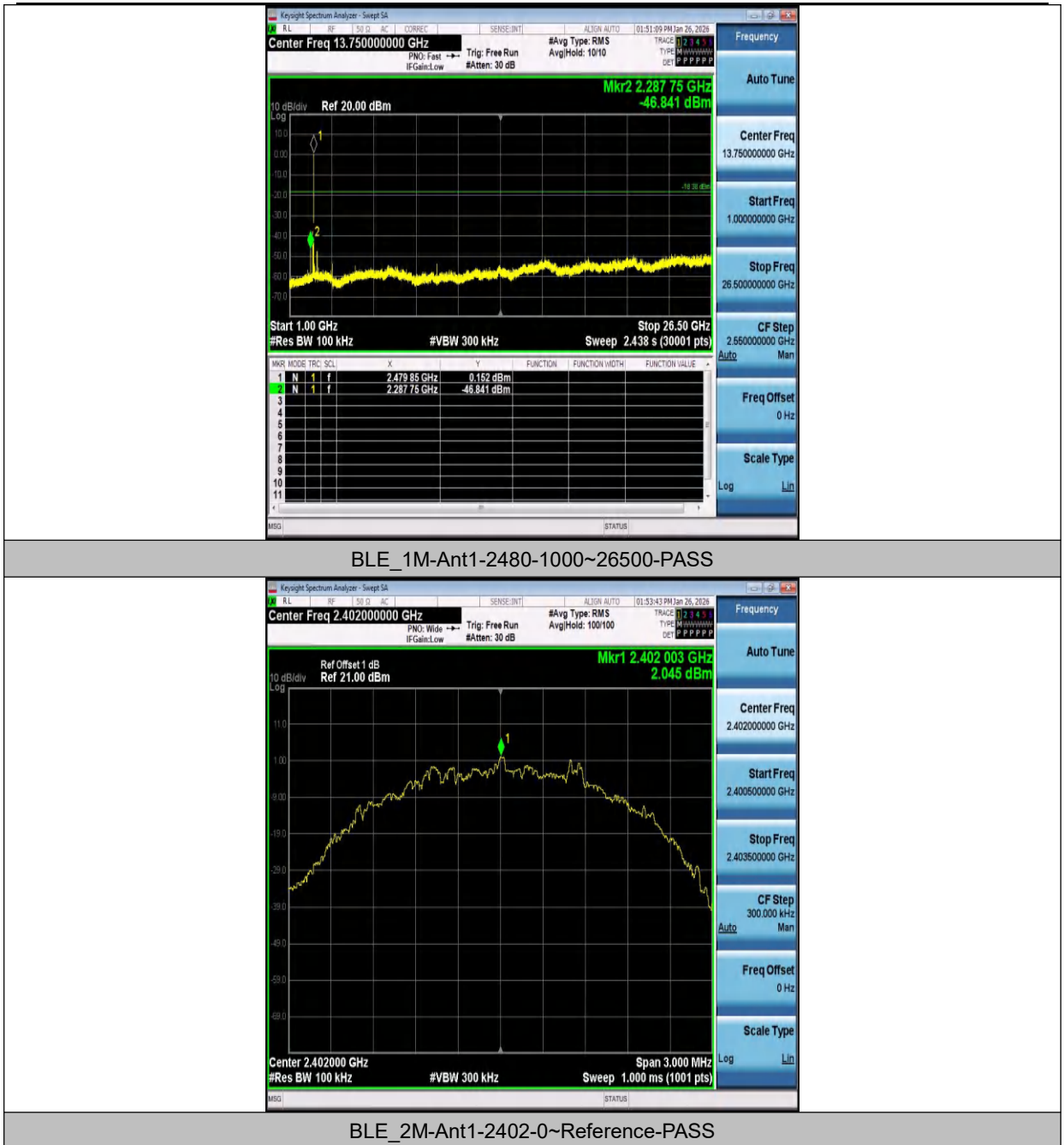
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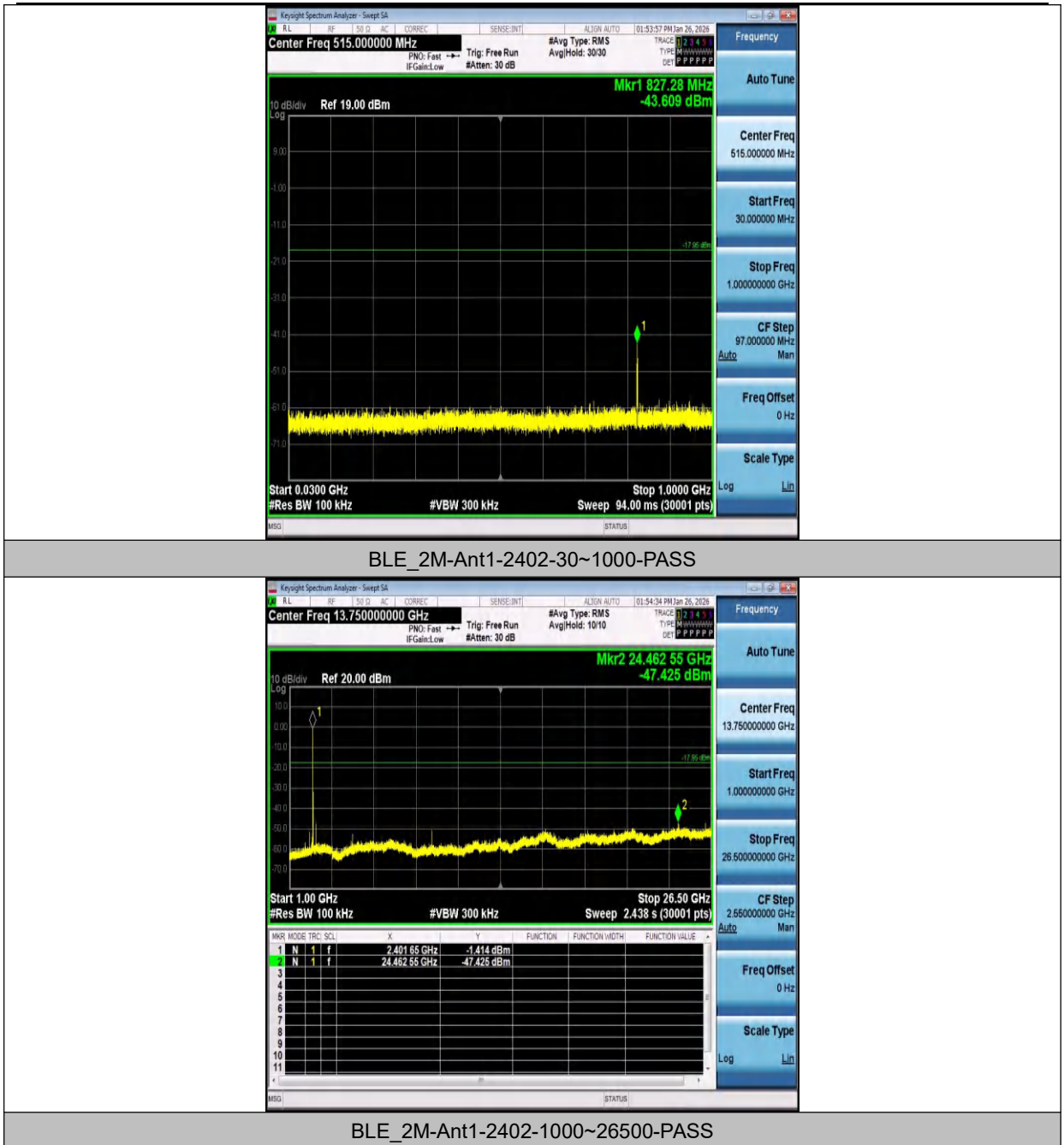
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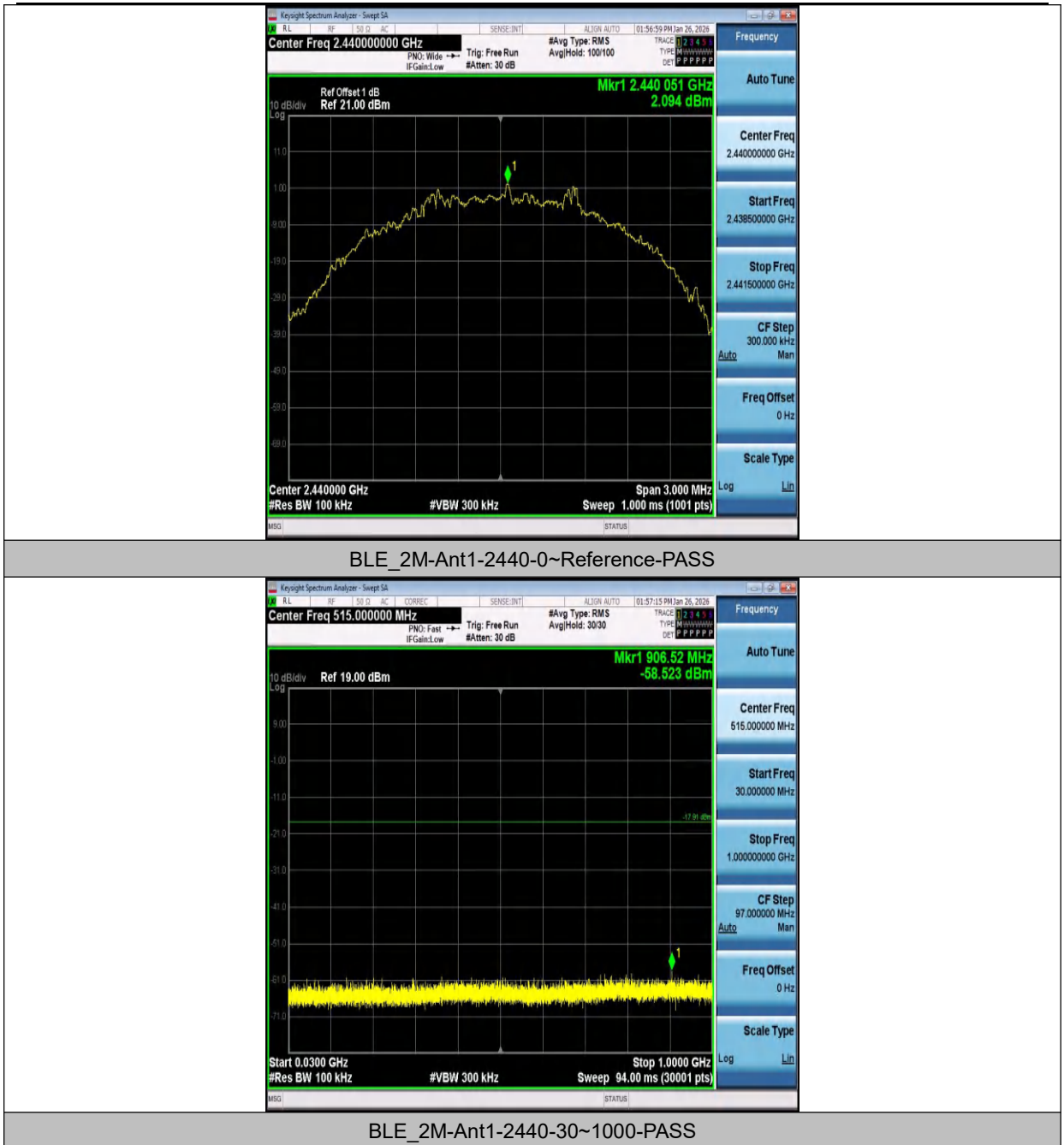
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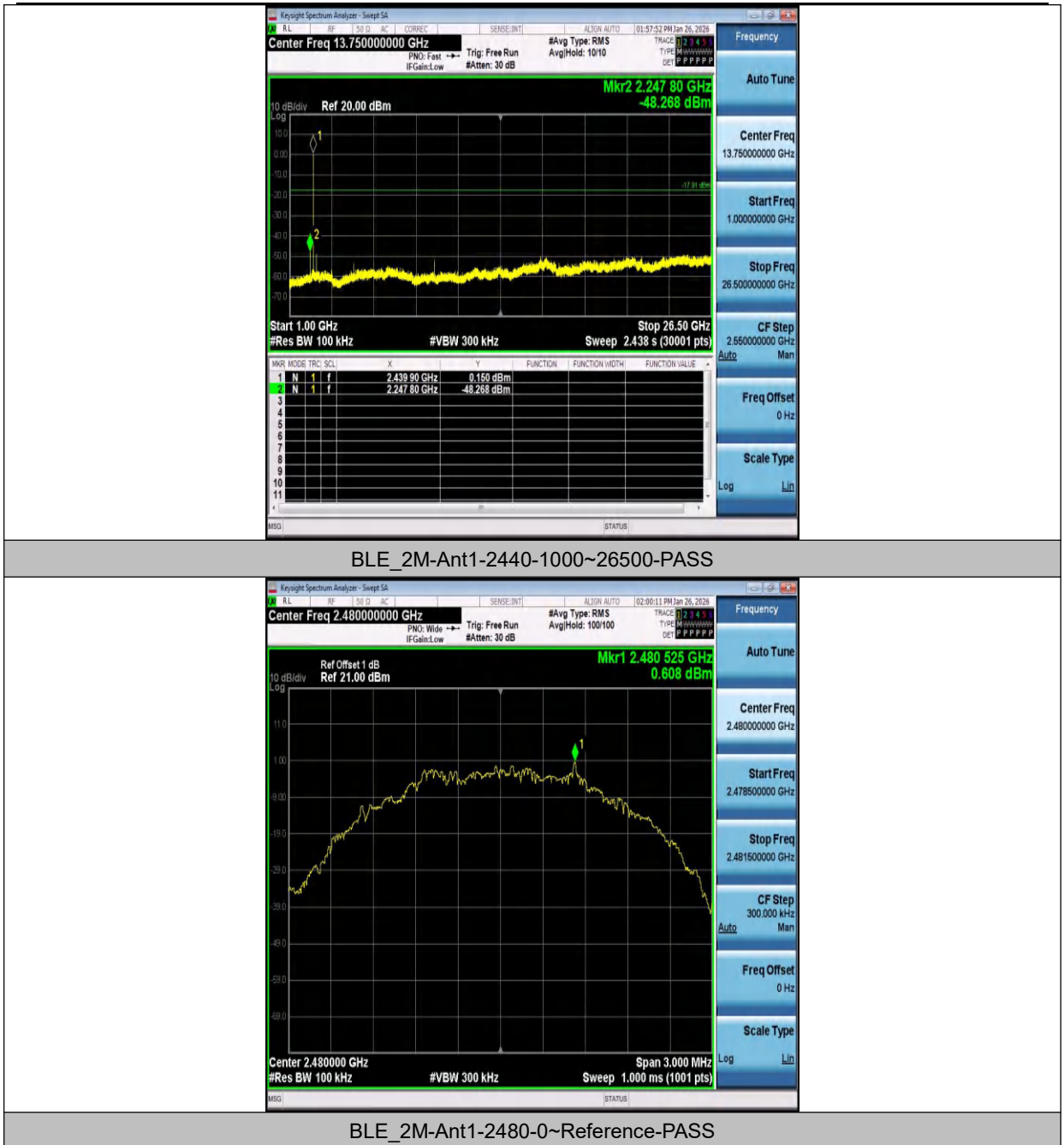
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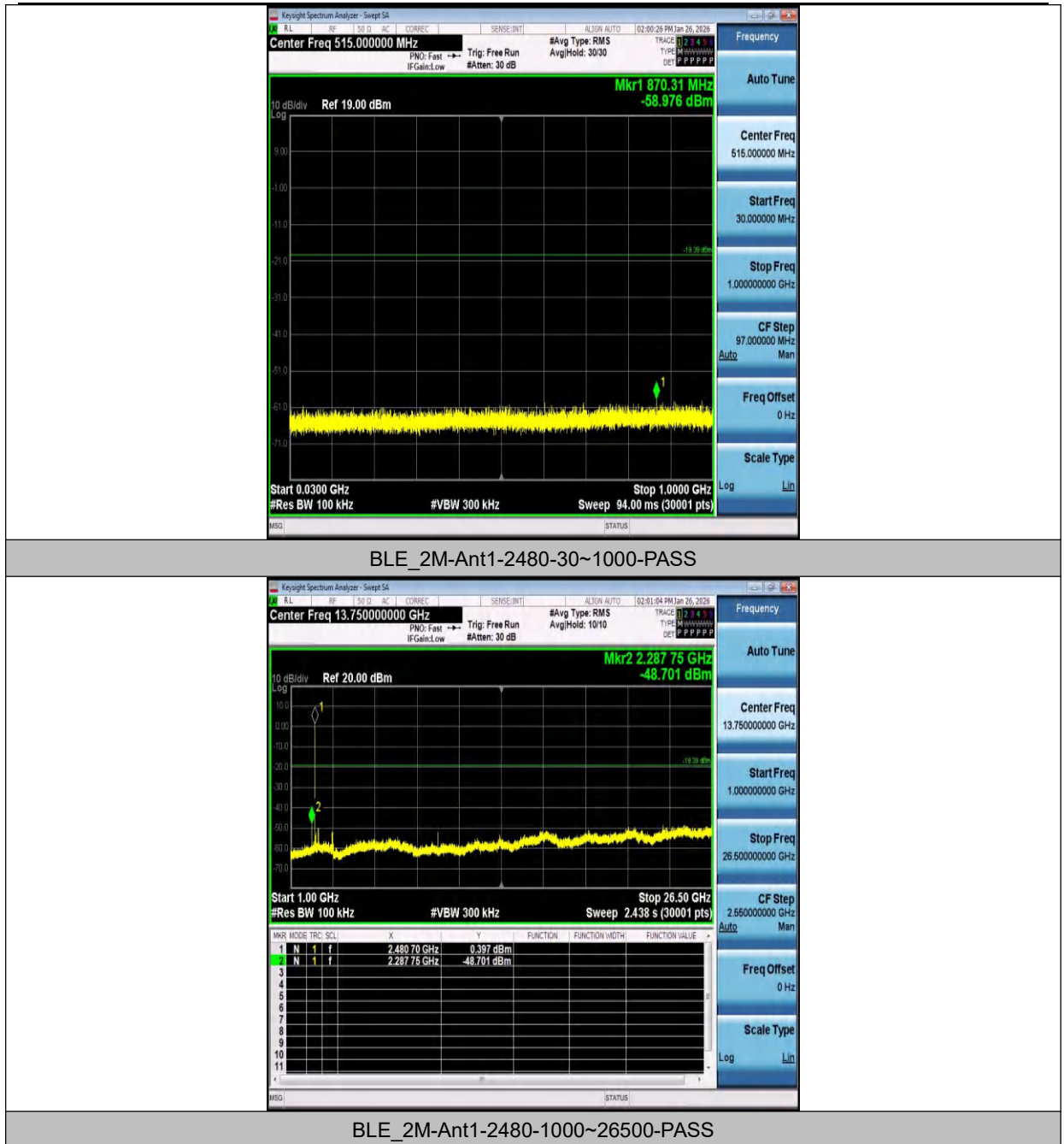
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Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	2.13	2.50	85.20	0.70
BLE_1M	Ant1	2440	2.13	2.50	85.20	0.70
BLE_1M	Ant1	2480	2.13	2.50	85.20	0.70
BLE_2M	Ant1	2402	1.08	2.50	43.20	3.65
BLE_2M	Ant1	2440	1.08	2.51	43.03	3.66
BLE_2M	Ant1	2480	1.08	2.50	43.20	3.65

Test Graphs





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