

Appendix Test Data

Report No.:	1812C60113512501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-2-27	Finish Test Date:	2026-3-3
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	26°C	Relative Humidity:	49%
Pressure:	101kPa		



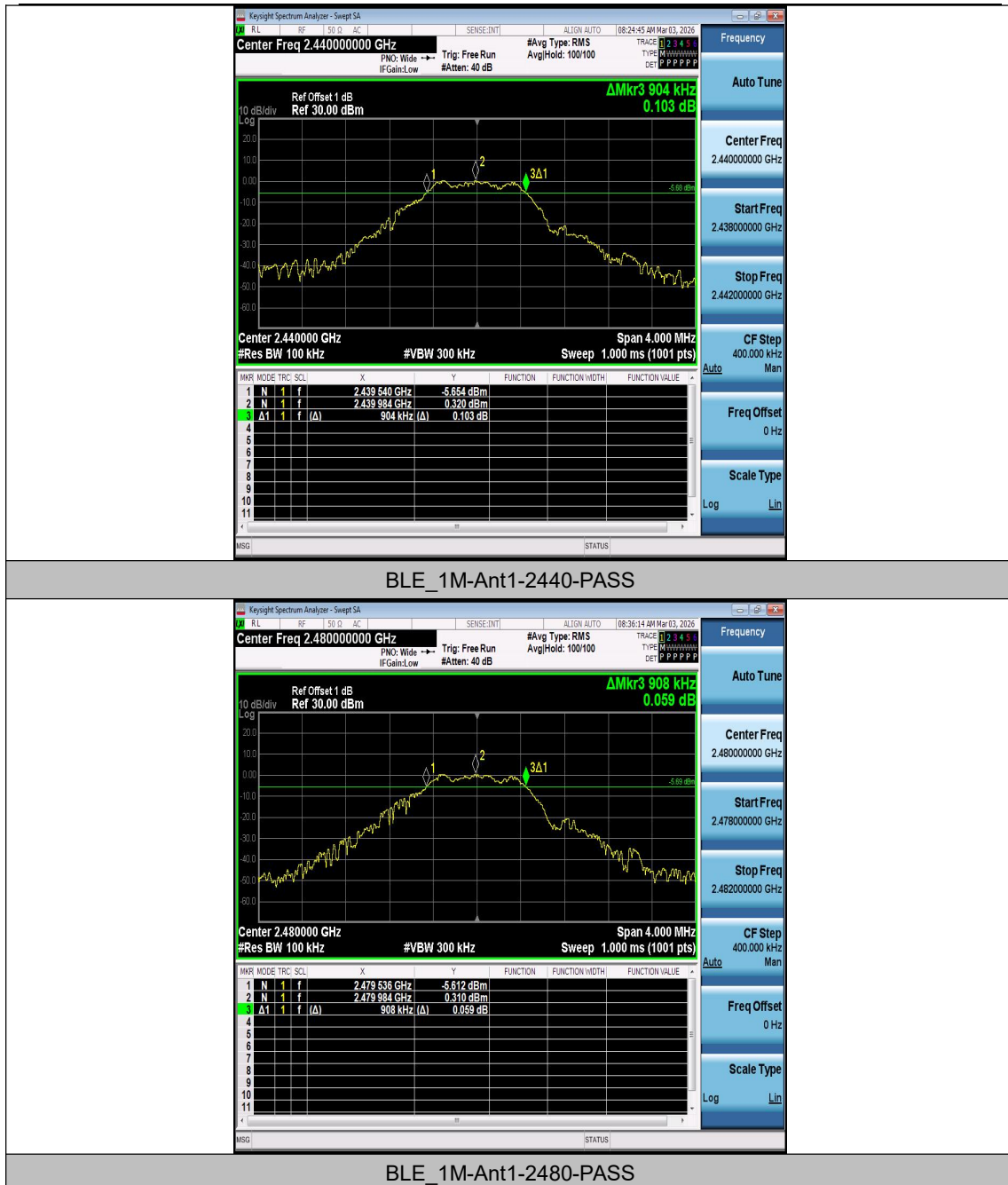
Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.916	2401.540	2402.456	0.5	PASS
BLE_1M	Ant1	2440	0.904	2439.540	2440.444	0.5	PASS
BLE_1M	Ant1	2480	0.908	2479.536	2480.444	0.5	PASS

Test Graphs



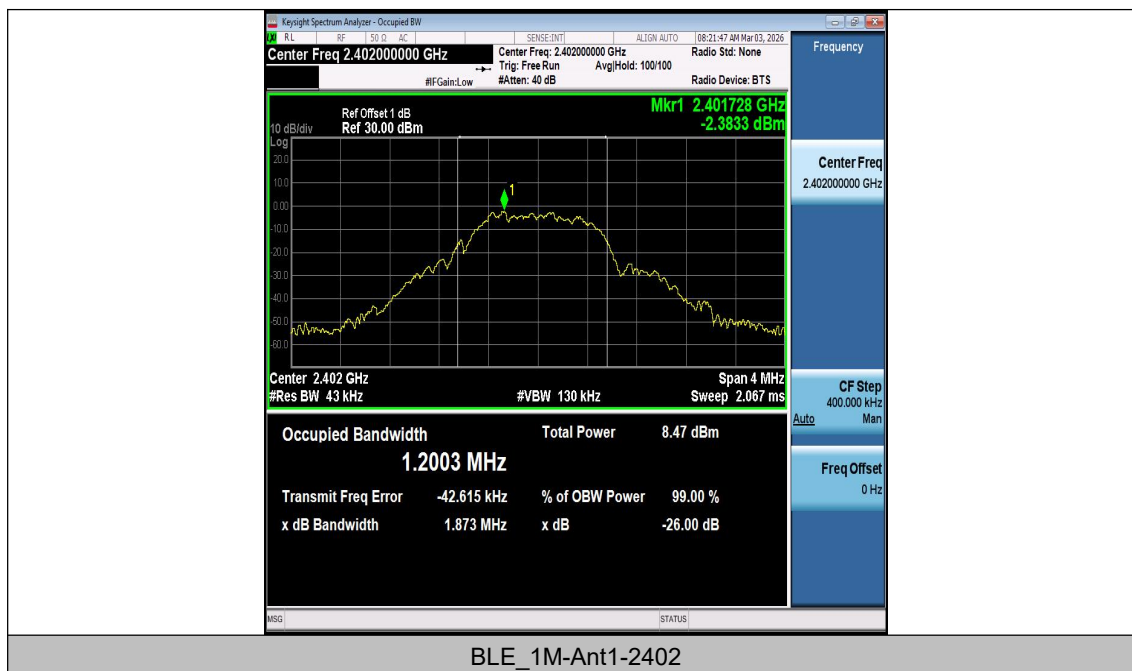


Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.2003	2401.3572	2402.5575	---	---
BLE_1M	Ant1	2440	1.2324	2439.3234	2440.5558	---	---
BLE_1M	Ant1	2480	1.2474	2479.3075	2480.5549	---	---

Test Graphs





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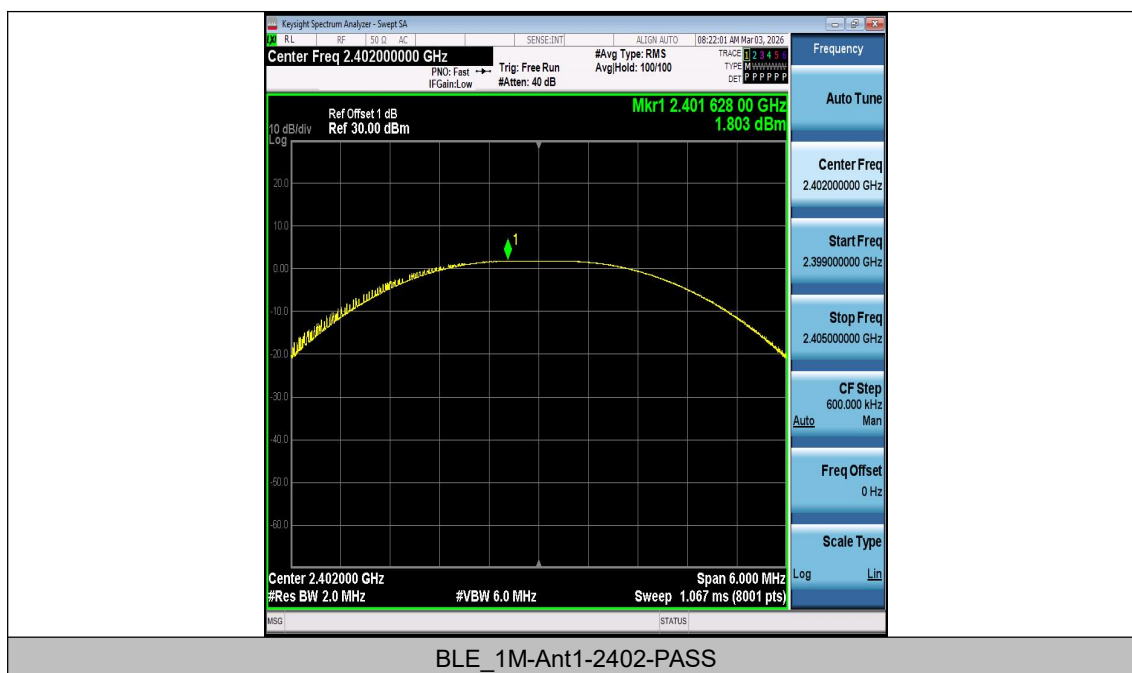
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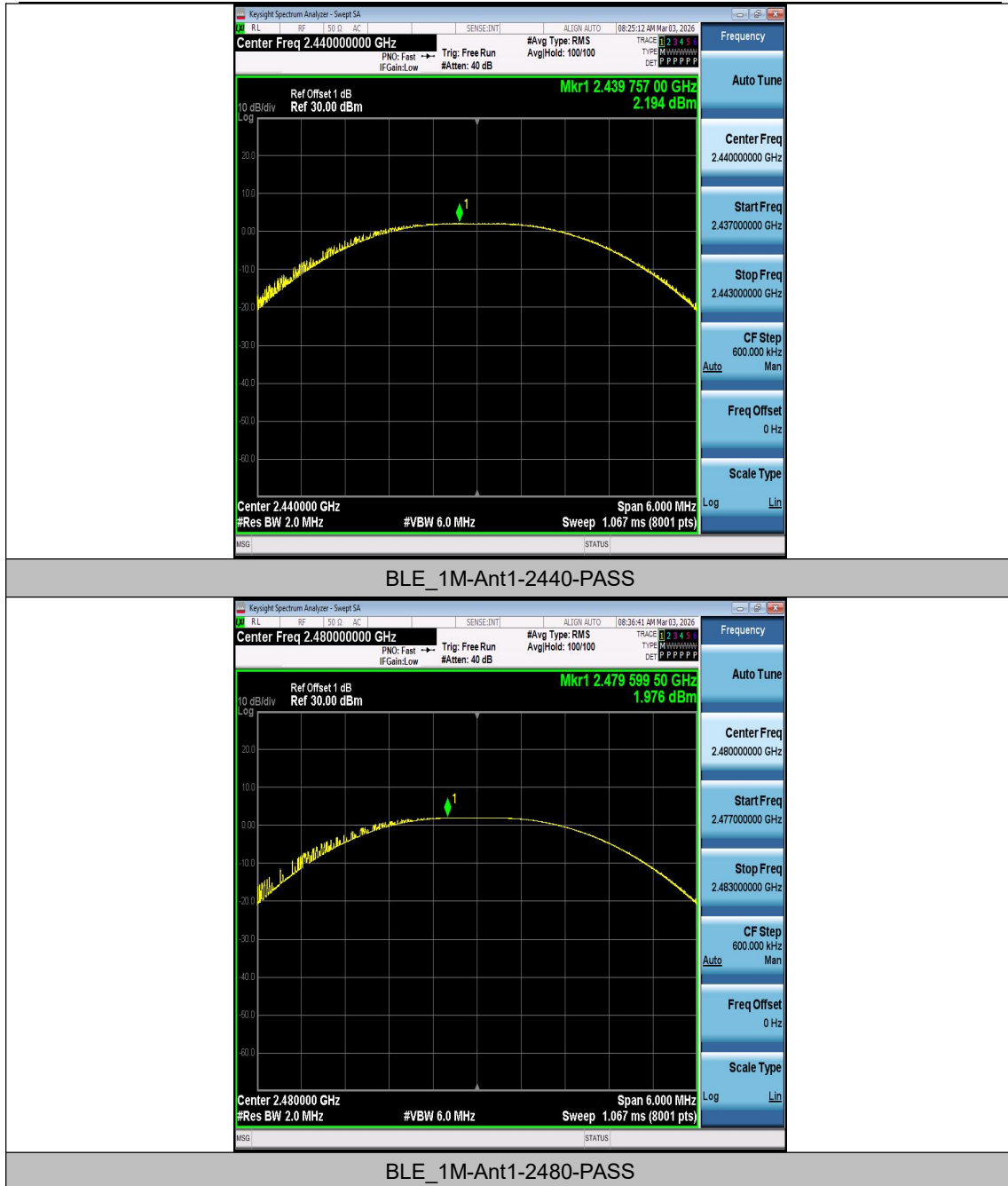
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power [dBm]	Conducted Limit [dBm]	Verdict
BLE_1M	Ant1	2402	1.80	≤30	PASS
BLE_1M	Ant1	2440	2.19	≤30	PASS
BLE_1M	Ant1	2480	1.98	≤30	PASS

Test Graphs Peak





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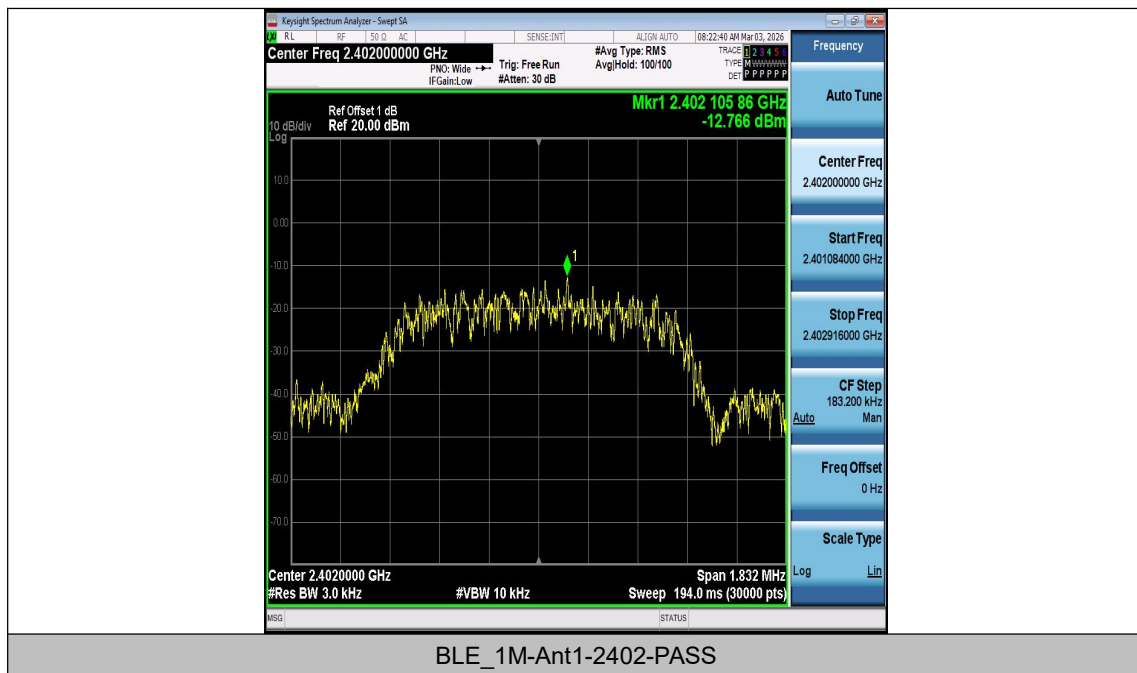
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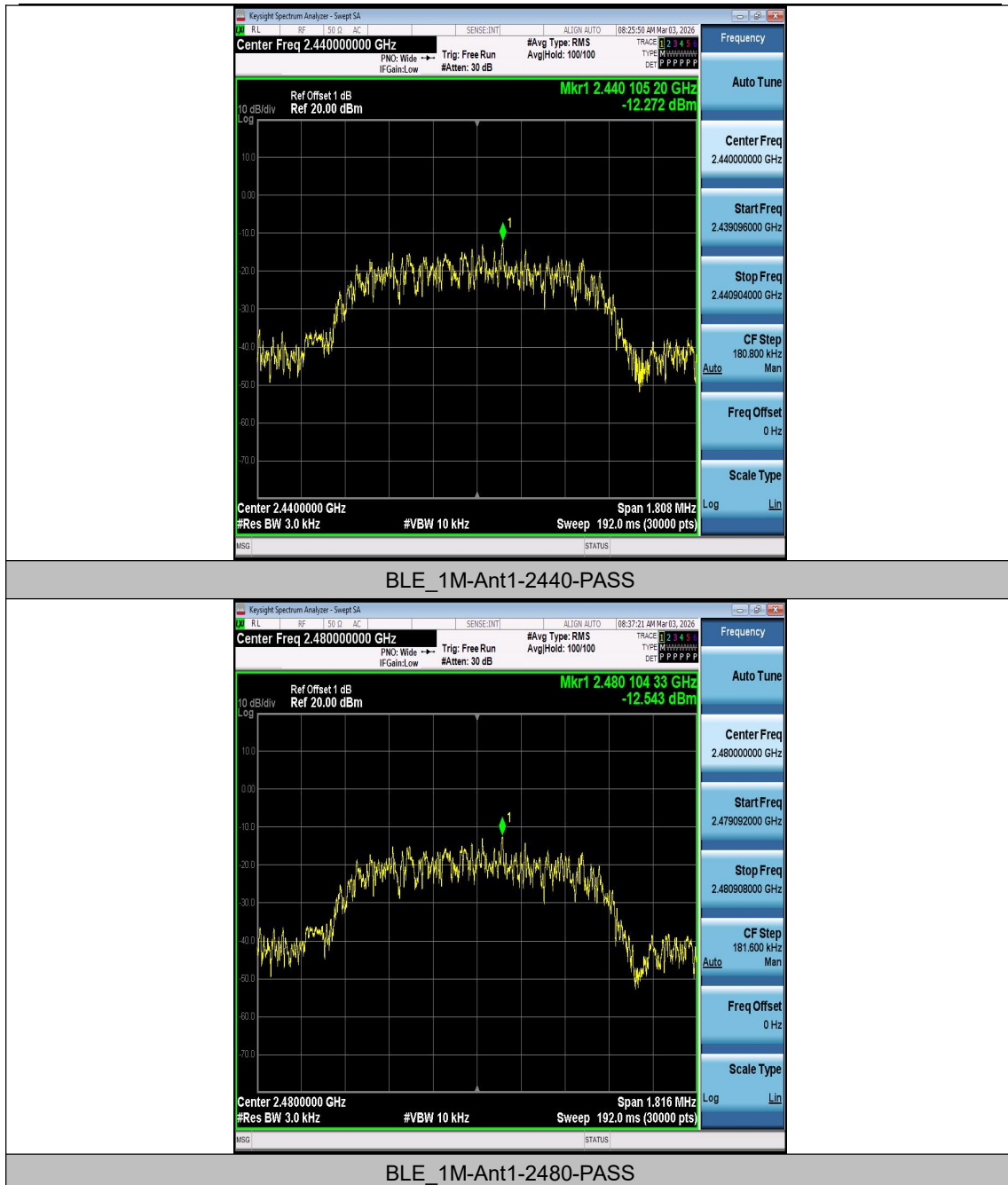
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-12.77	≤8.00	PASS
BLE_1M	Ant1	2440	-12.27	≤8.00	PASS
BLE_1M	Ant1	2480	-12.54	≤8.00	PASS

Test Graphs





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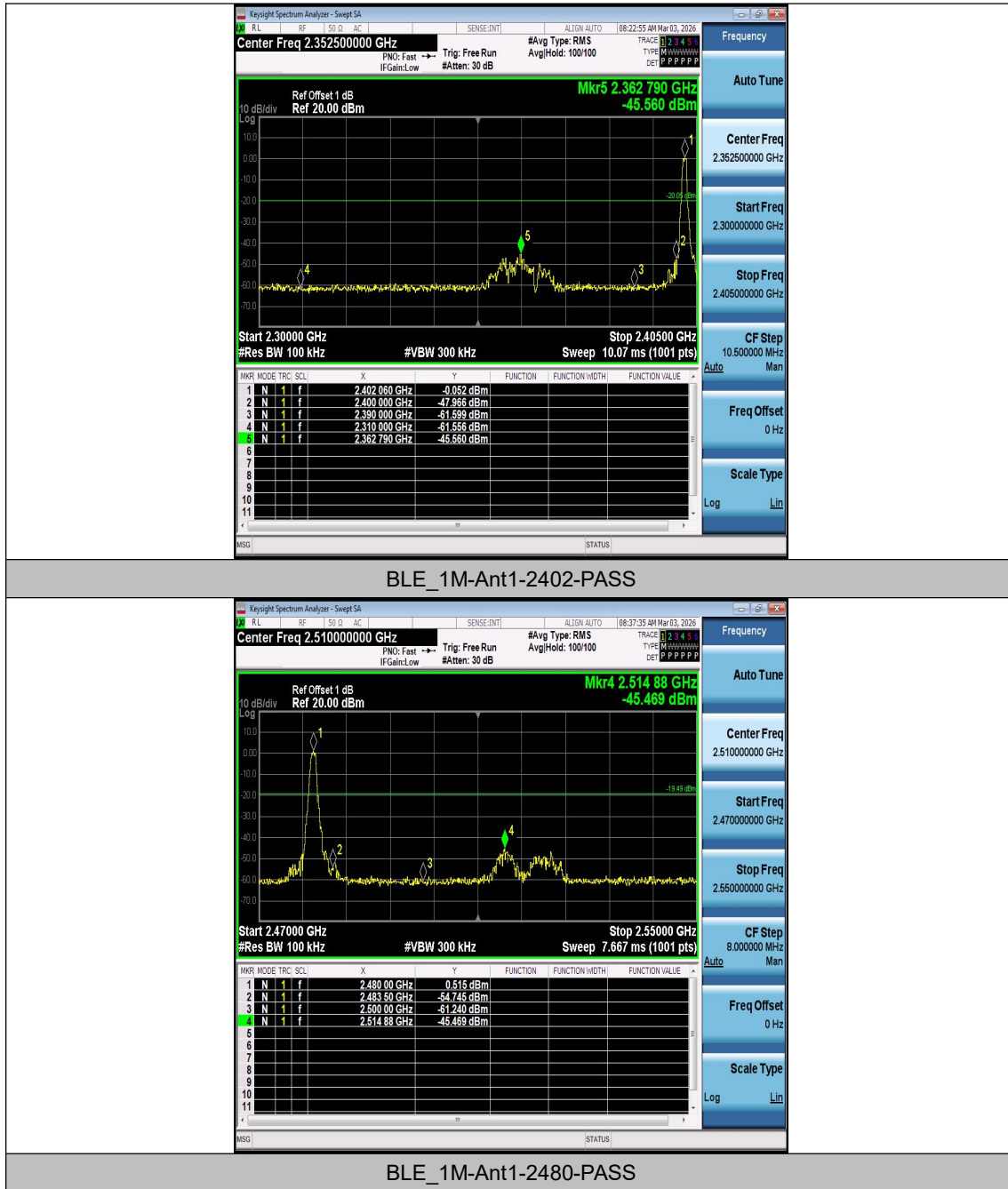
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-0.05	-45.56	≤-20.05	PASS
BLE_1M	Ant1	High	2480	0.52	-45.47	≤-19.49	PASS

Test Graphs



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Appendix F: Conducted Spurious Emission

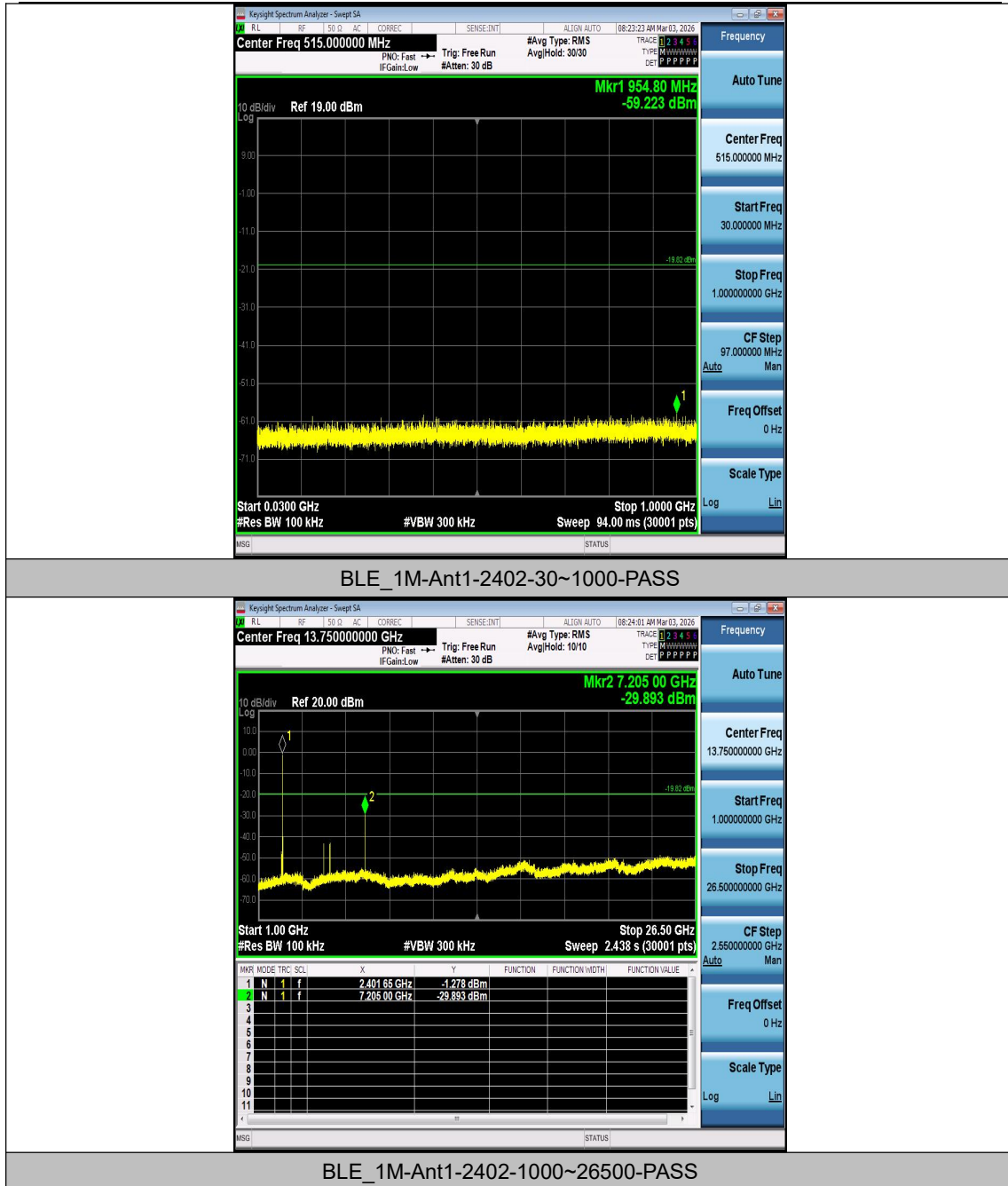
Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	0.18	0.18	---	PASS
BLE_1M	Ant1	2402	30~1000	0.18	-59.22	≤-19.82	PASS
BLE_1M	Ant1	2402	1000~26500	0.18	-29.89	≤-19.82	PASS
BLE_1M	Ant1	2440	0~Reference	0.29	0.29	---	PASS
BLE_1M	Ant1	2440	30~1000	0.29	-59.45	≤-19.71	PASS
BLE_1M	Ant1	2440	1000~26500	0.29	-28.28	≤-19.71	PASS
BLE_1M	Ant1	2480	0~Reference	0.23	0.23	---	PASS
BLE_1M	Ant1	2480	30~1000	0.23	-58.27	≤-19.77	PASS
BLE_1M	Ant1	2480	1000~26500	0.23	-24.94	≤-19.77	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

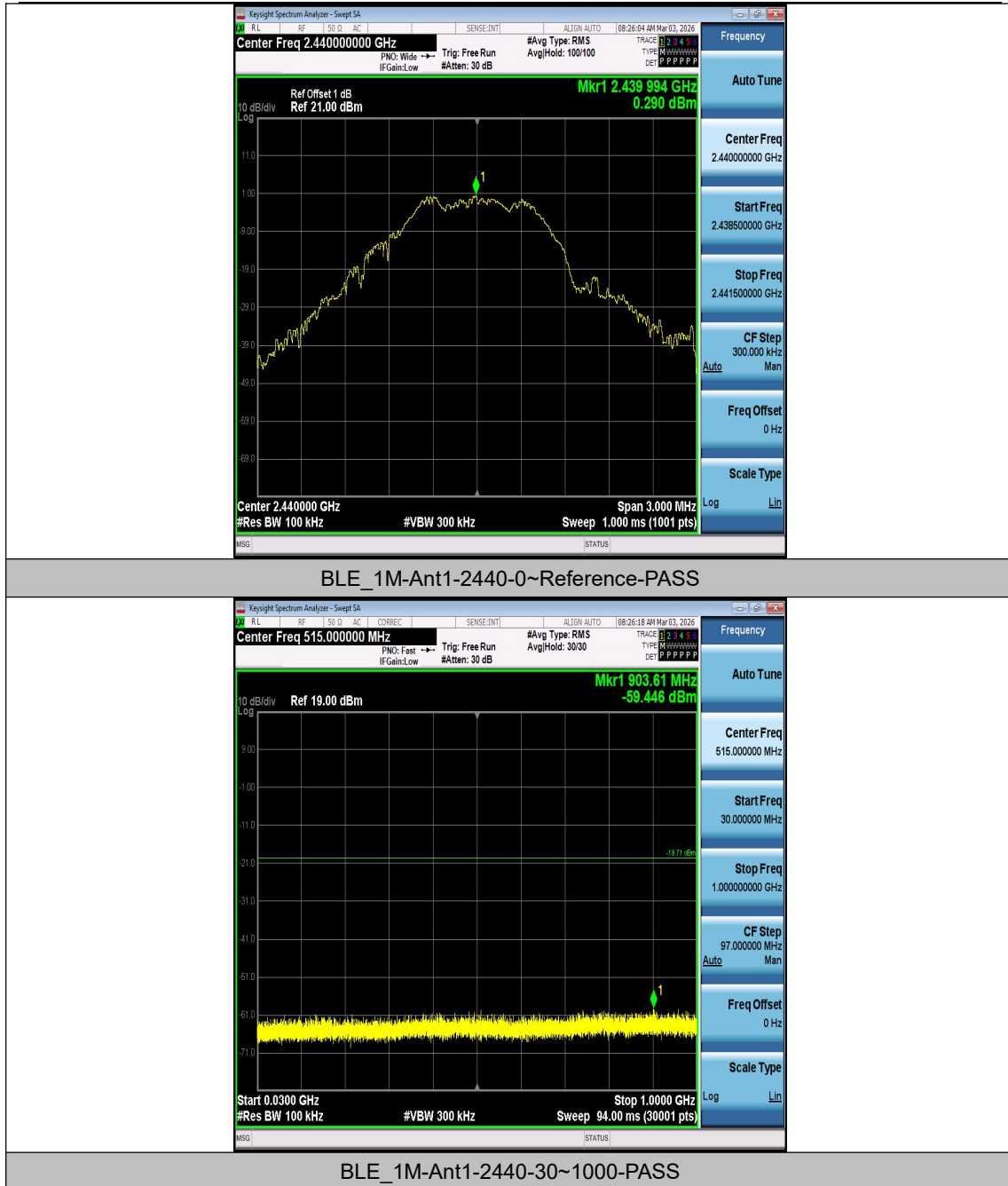




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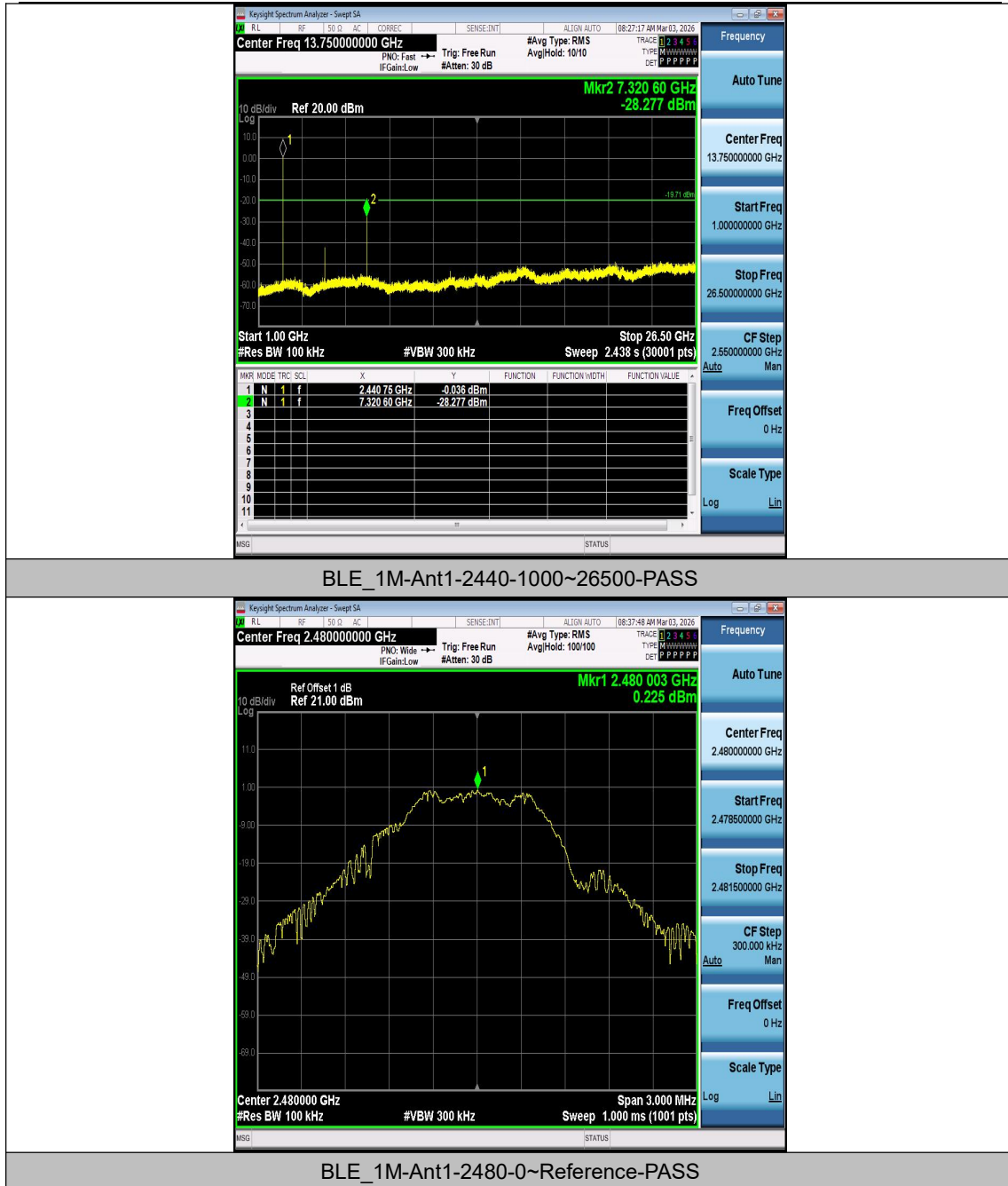
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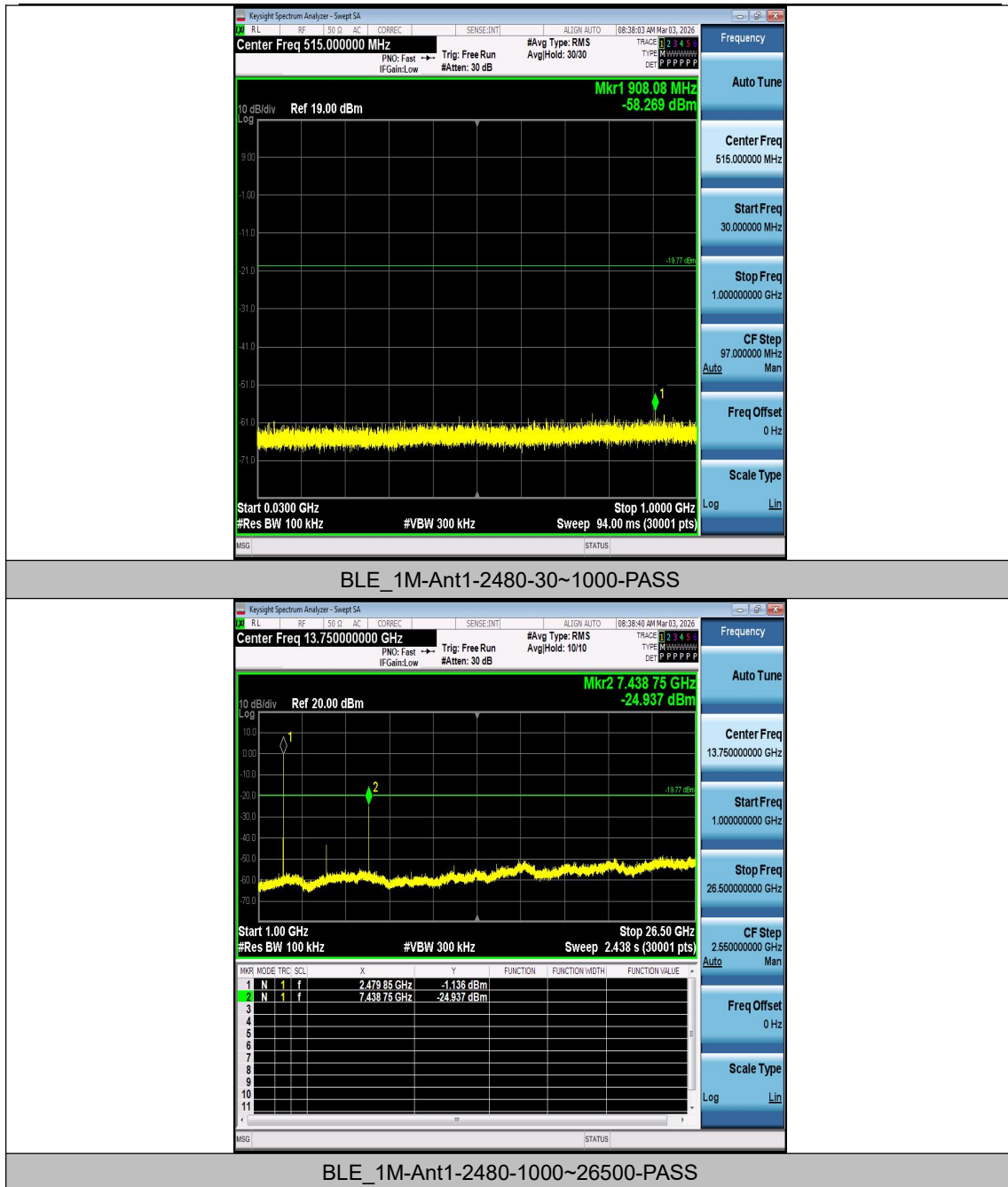
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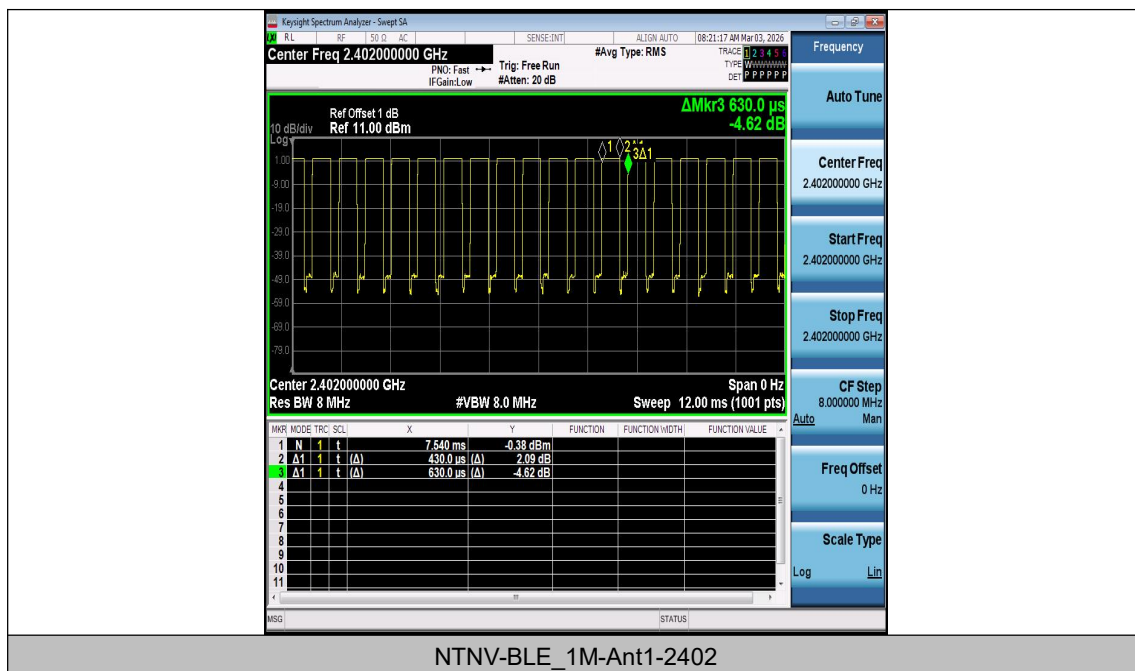
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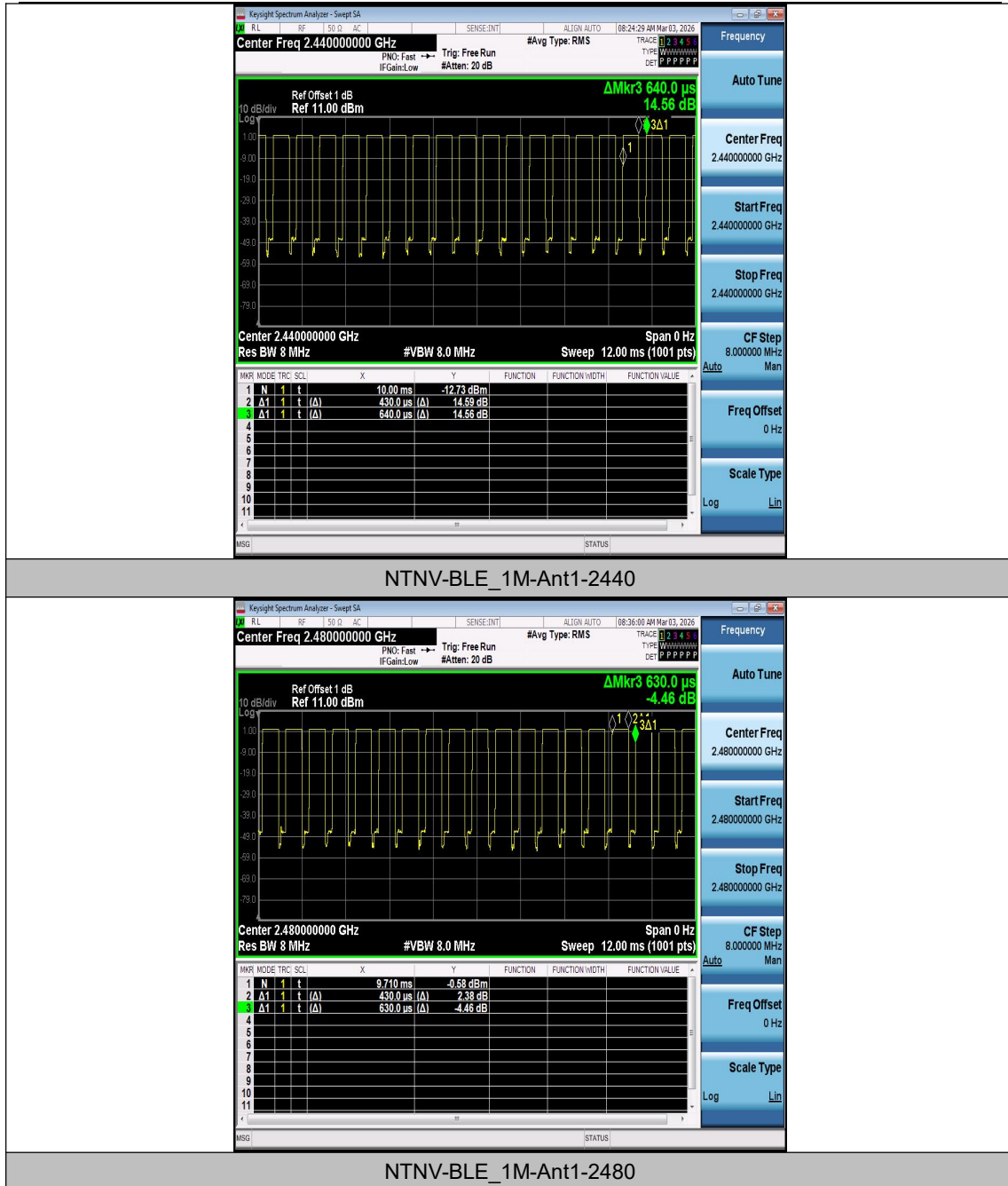
Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	0.43	0.63	68.25	1.66
BLE_1M	Ant1	2440	0.43	0.64	67.19	1.73
BLE_1M	Ant1	2480	0.43	0.63	68.25	1.66

Test Graphs





---End---