

Appendix Test Data

Report No.:	1812C50519012501-M1-01	Test Sample No.:	1-2-2
Start Test Date:	2025-10-17	Finish Test Date:	2026-07-06
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	25.3°C	Relative Humidity:	48%
Pressure:	101kPa		

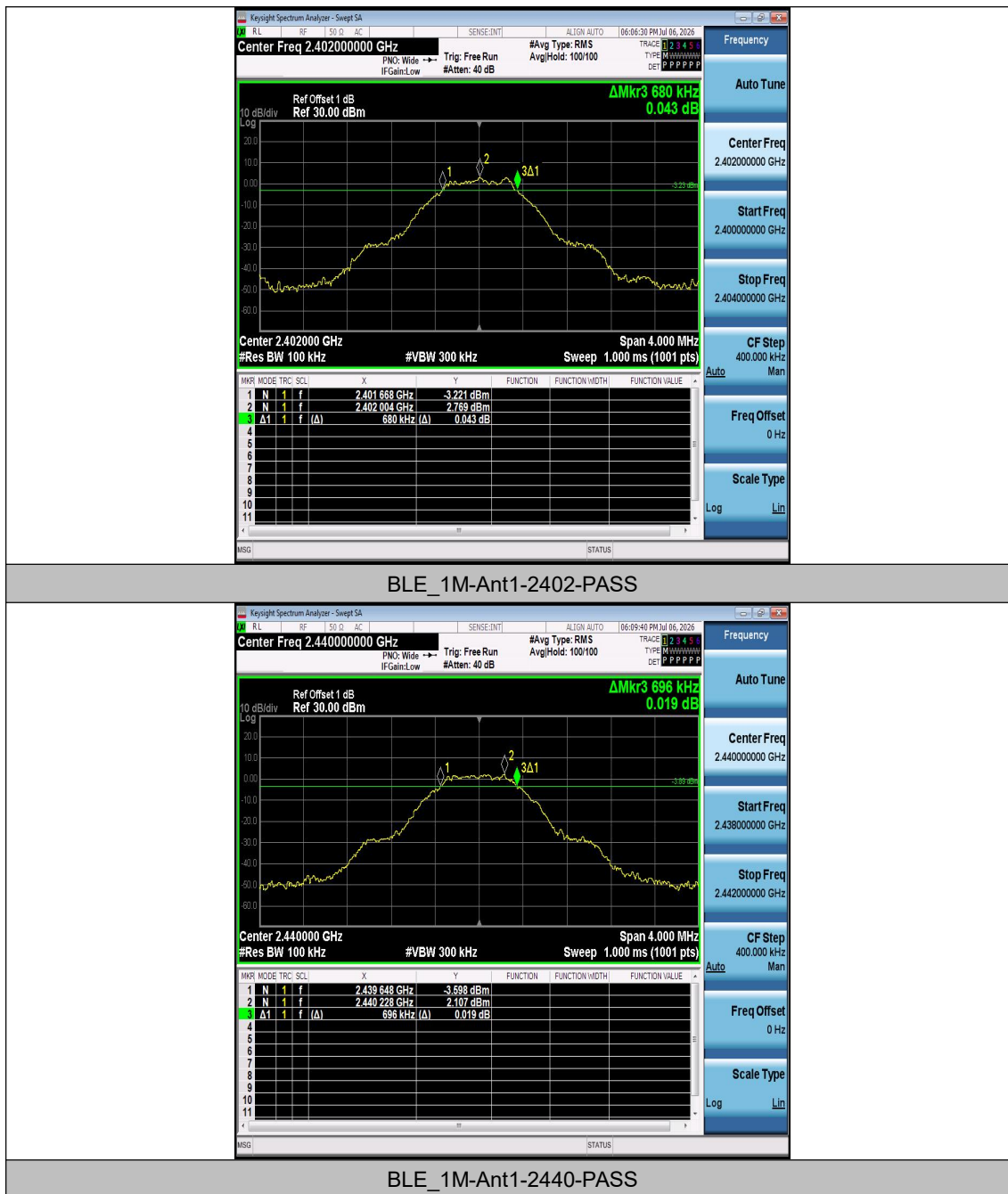


Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.680	2401.668	2402.348	0.5	PASS
BLE_1M	Ant1	2440	0.696	2439.648	2440.344	0.5	PASS
BLE_1M	Ant1	2480	0.684	2479.640	2480.324	0.5	PASS

Test Graphs



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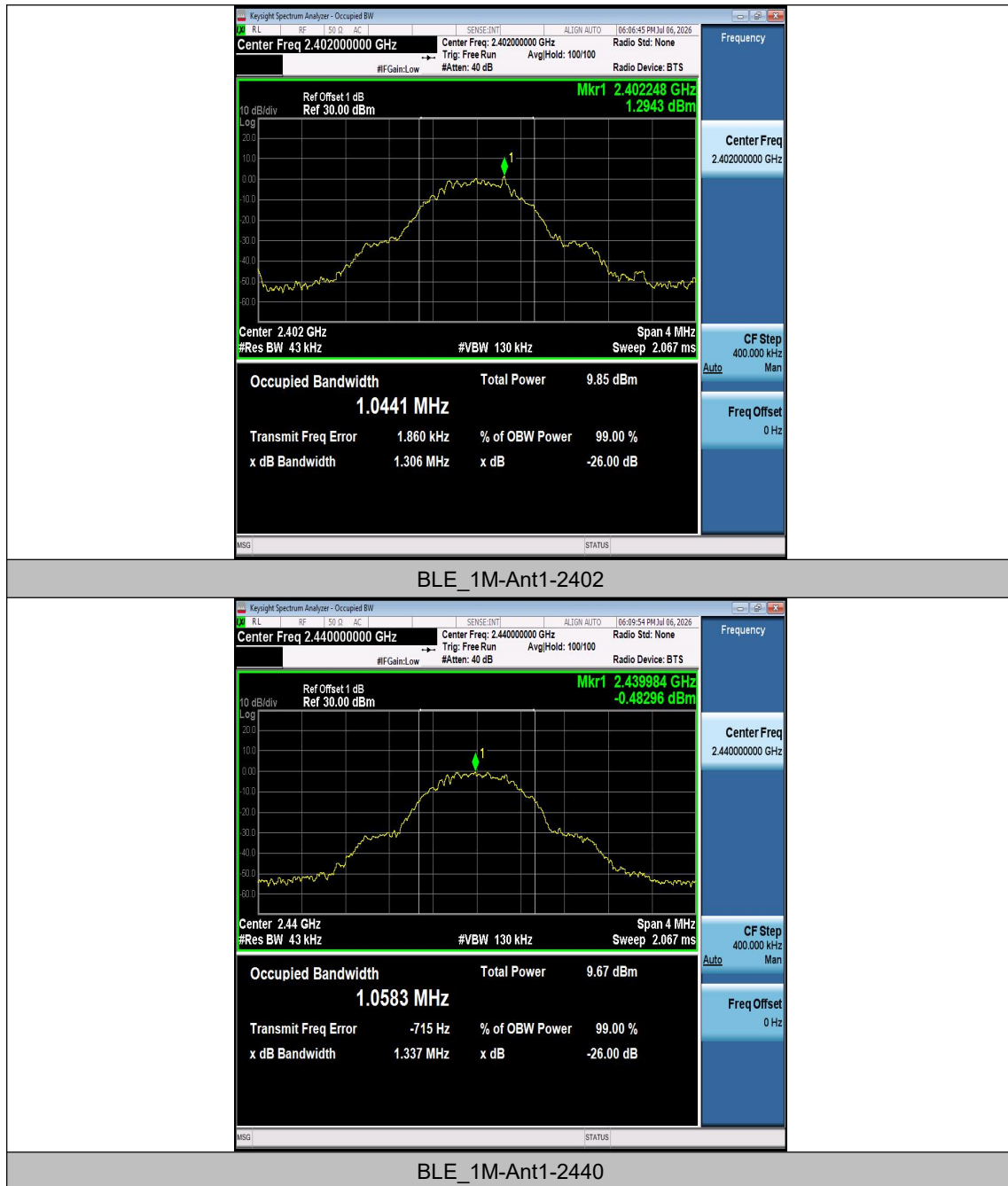
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Appendix B: 99% Occupied Bandwidth**Test Result**

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0441	2401.4798	2402.5239	---	---
BLE_1M	Ant1	2440	1.0583	2439.4701	2440.5284	---	---
BLE_1M	Ant1	2480	1.0364	2479.4801	2480.5165	---	---

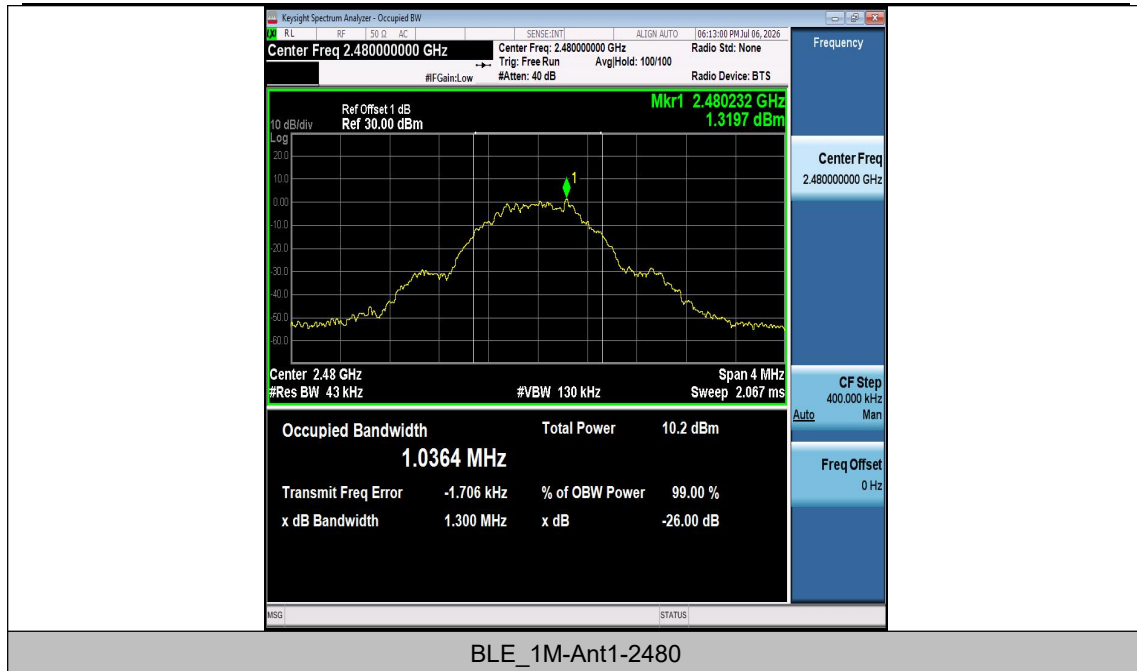
Test Graphs



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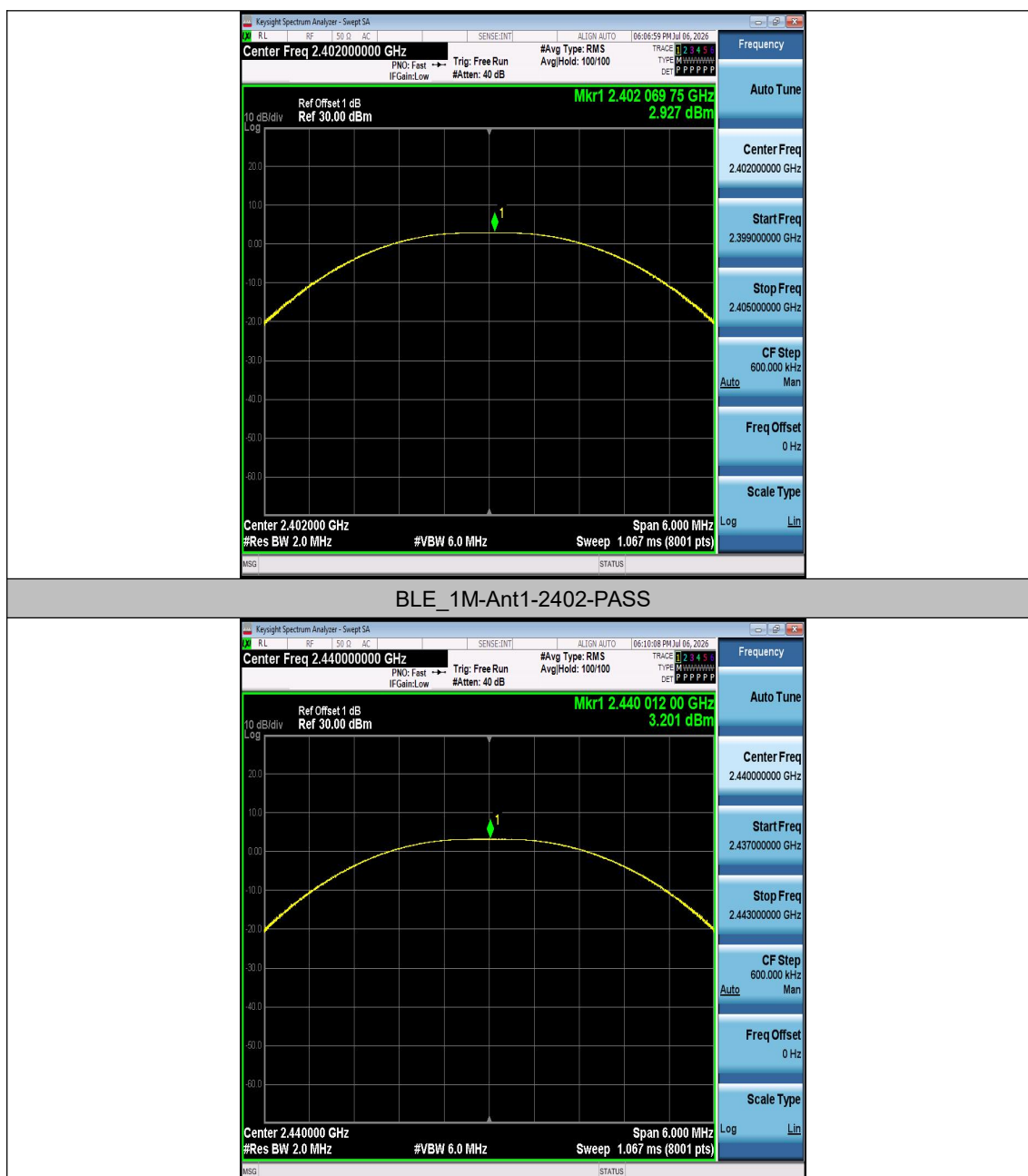
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Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	2.93	≤30	PASS
BLE_1M	Ant1	2440	3.20	≤30	PASS
BLE_1M	Ant1	2480	3.17	≤30	PASS

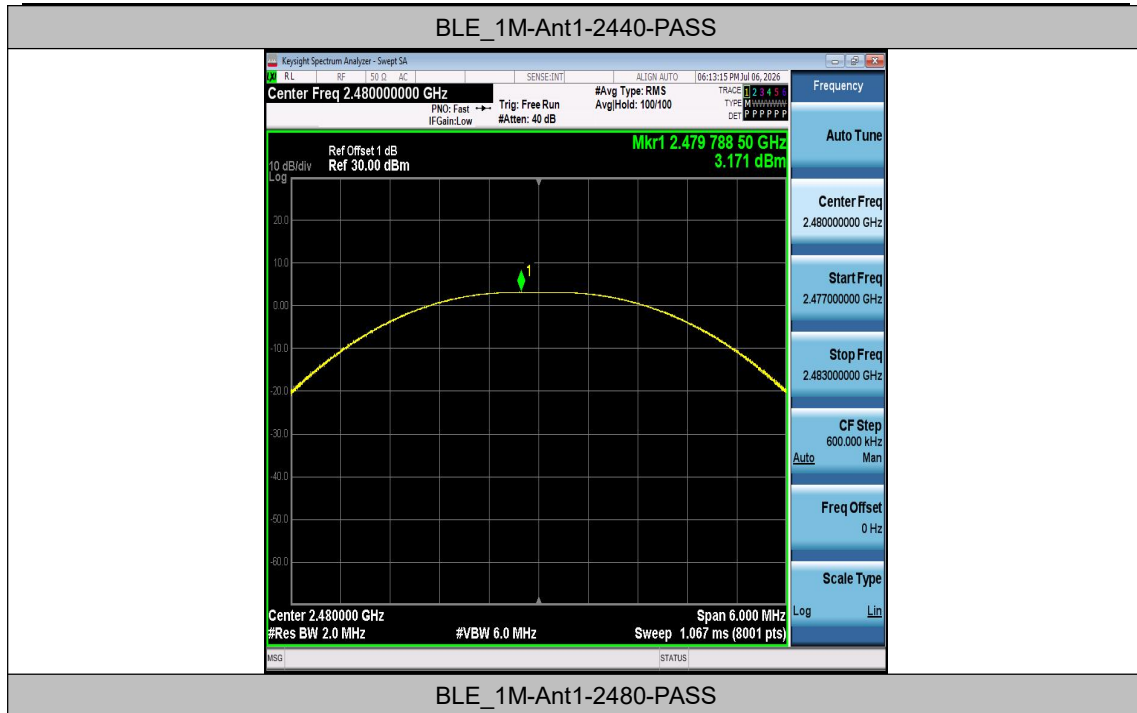
Test Graphs Peak



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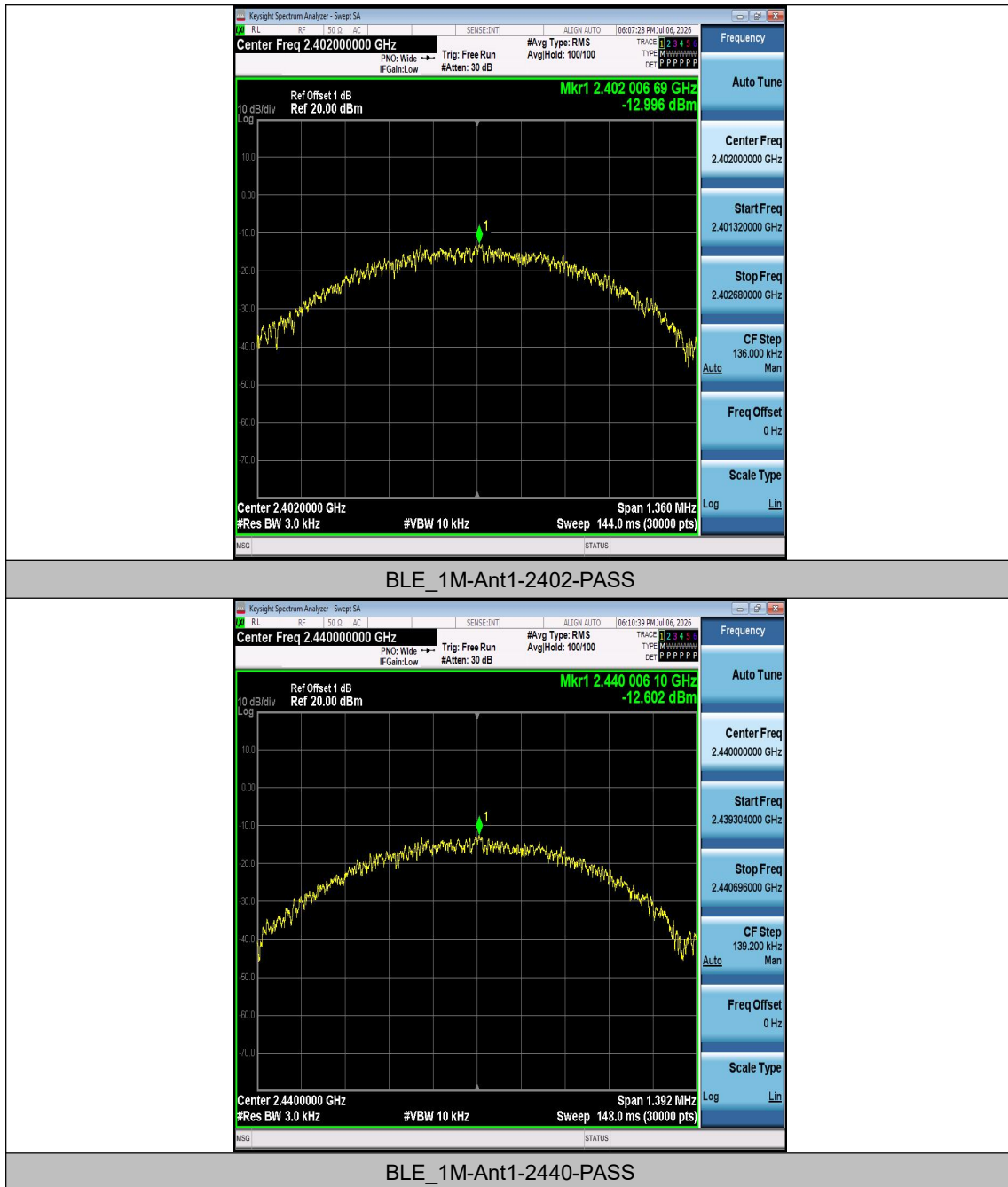
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-13.00	≤8.00	PASS
BLE_1M	Ant1	2440	-12.60	≤8.00	PASS
BLE_1M	Ant1	2480	-13.05	≤8.00	PASS

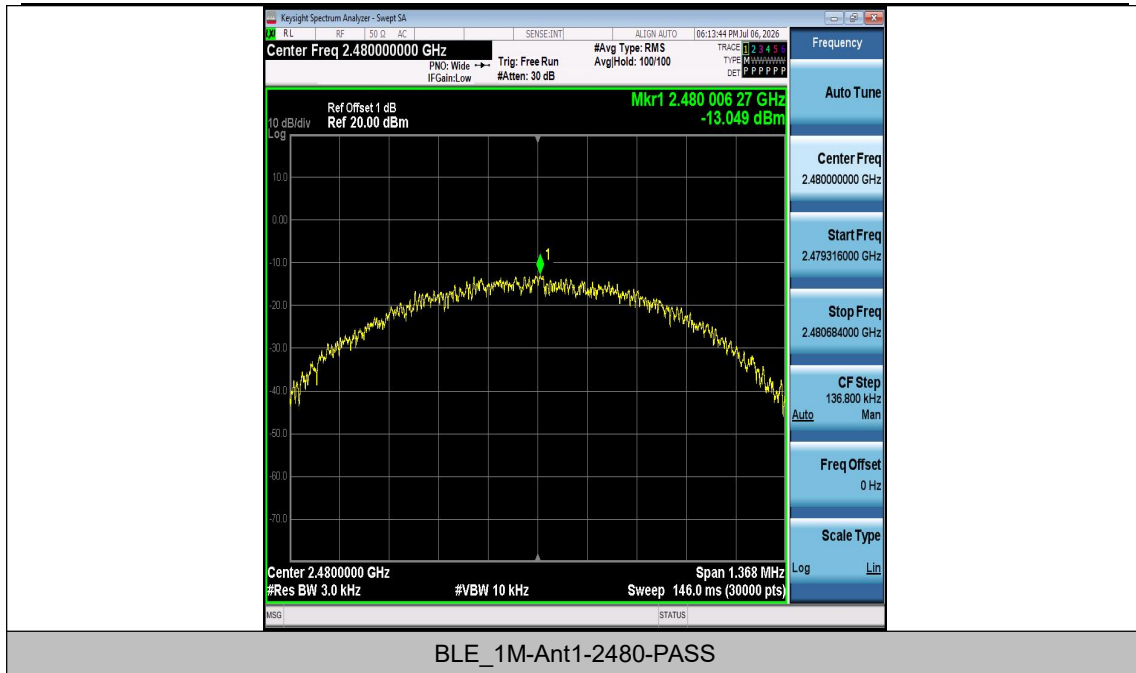
Test Graphs



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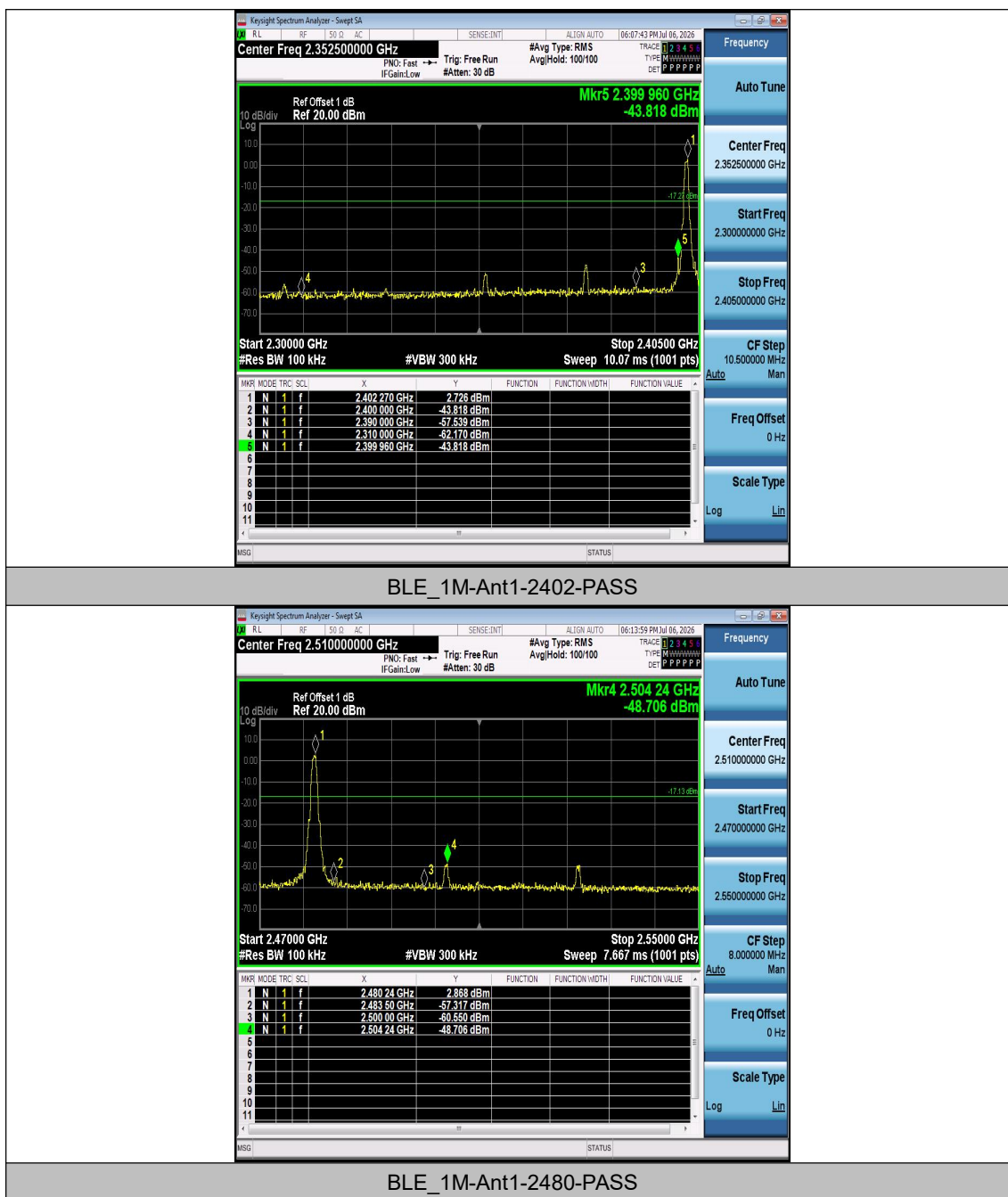
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	2.73	-43.82	≤-17.27	PASS
BLE_1M	Ant1	High	2480	2.87	-48.71	≤-17.13	PASS

Test Graphs



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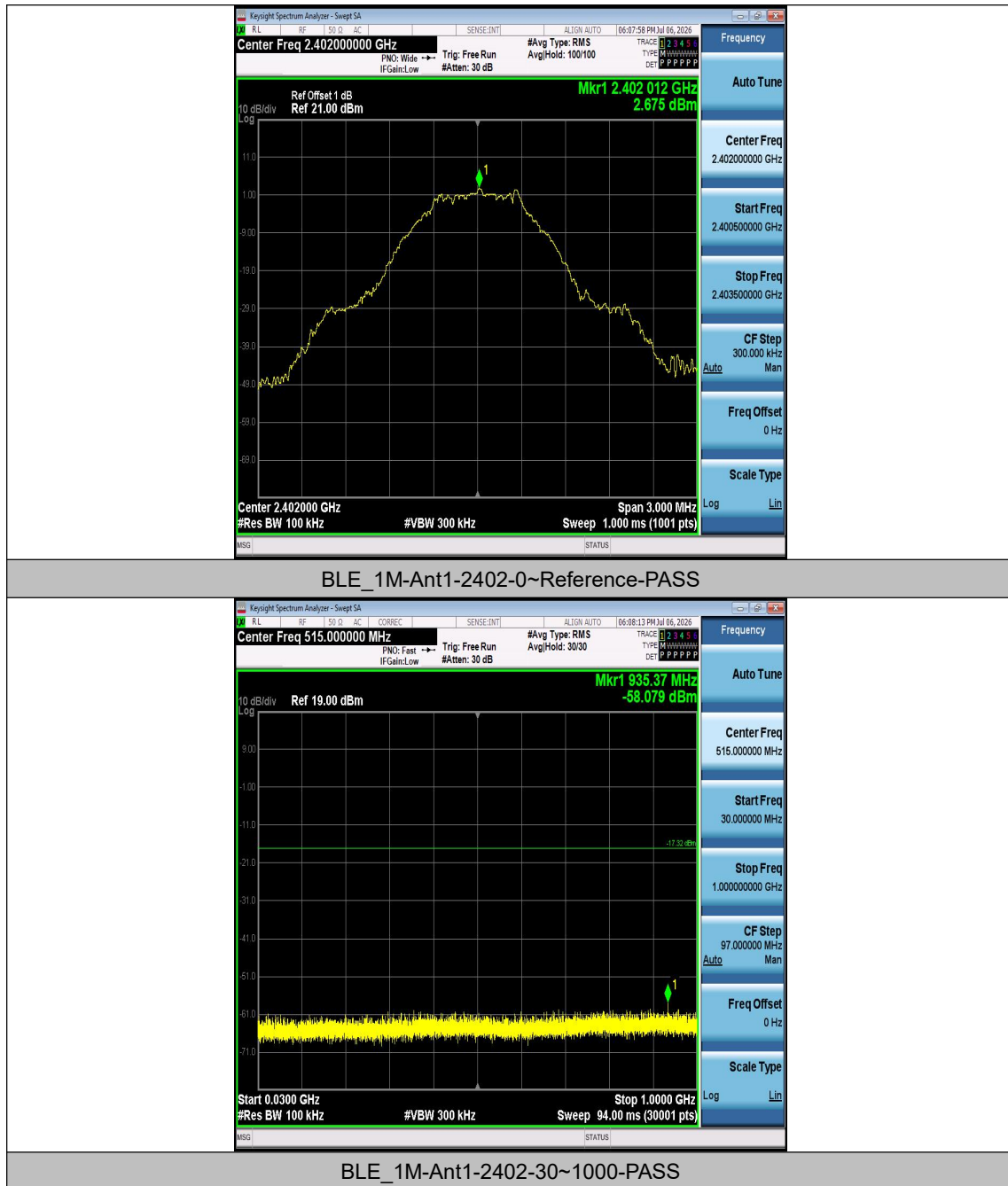
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	2.68	2.68	---	PASS
BLE_1M	Ant1	2402	30~1000	2.68	-58.08	≤-17.32	PASS
BLE_1M	Ant1	2402	1000~26500	2.68	-43	≤-17.32	PASS
BLE_1M	Ant1	2440	0~Reference	2.73	2.73	---	PASS
BLE_1M	Ant1	2440	30~1000	2.73	-58.87	≤-17.27	PASS
BLE_1M	Ant1	2440	1000~26500	2.73	-44.25	≤-17.27	PASS
BLE_1M	Ant1	2480	0~Reference	3.04	3.04	---	PASS
BLE_1M	Ant1	2480	30~1000	3.04	-59.37	≤-16.96	PASS
BLE_1M	Ant1	2480	1000~26500	3.04	-44.21	≤-16.96	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.

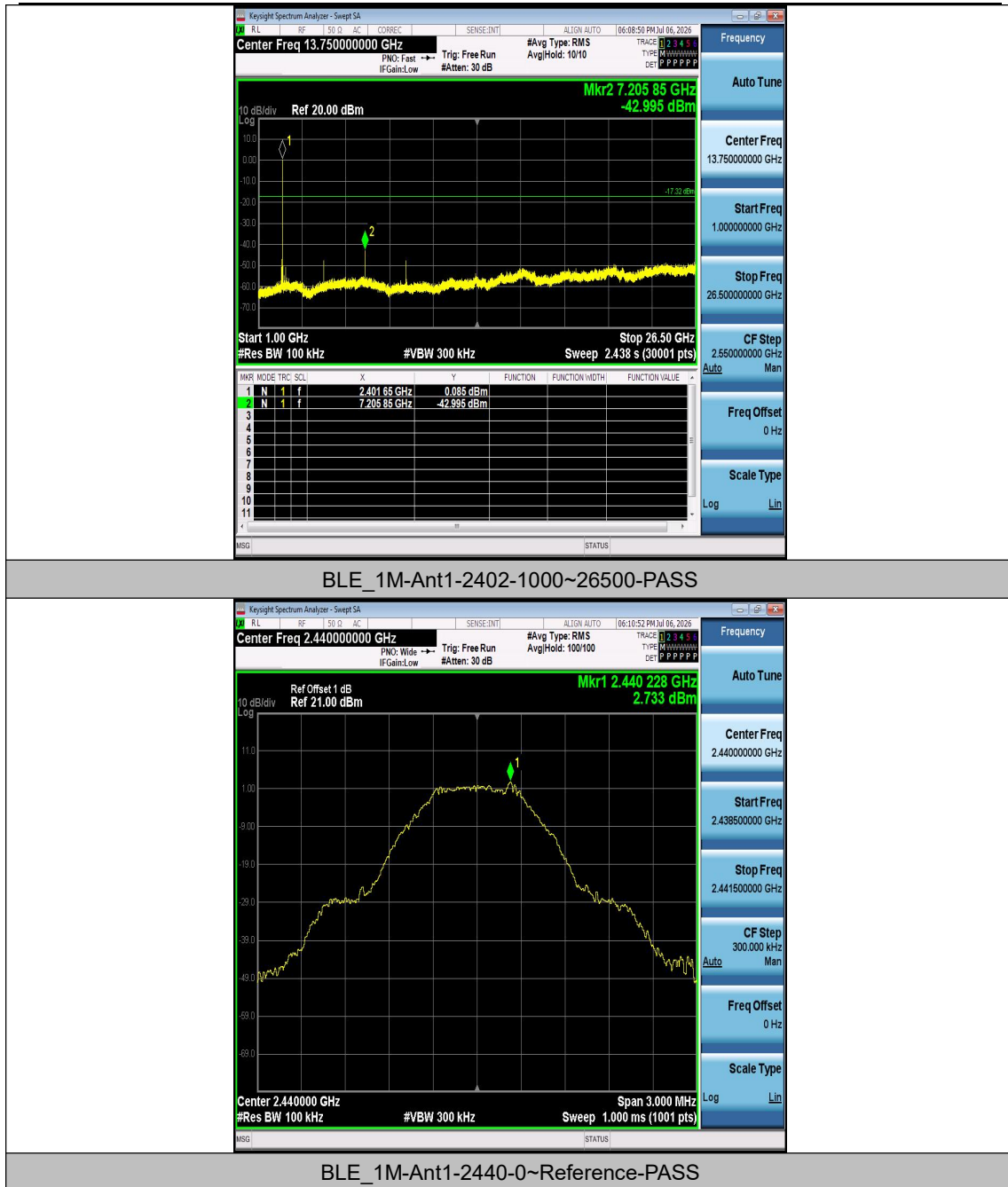
Test Graphs



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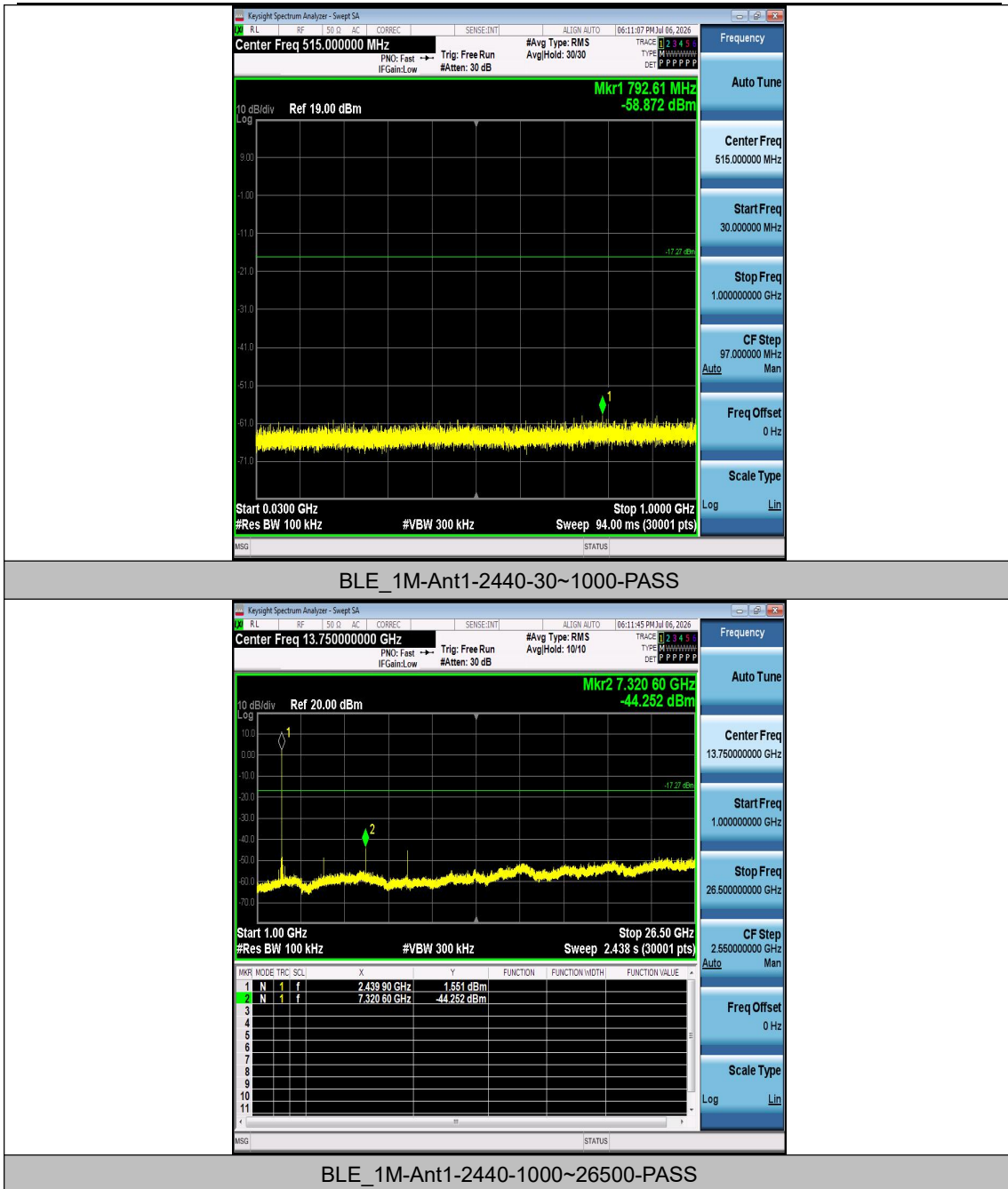
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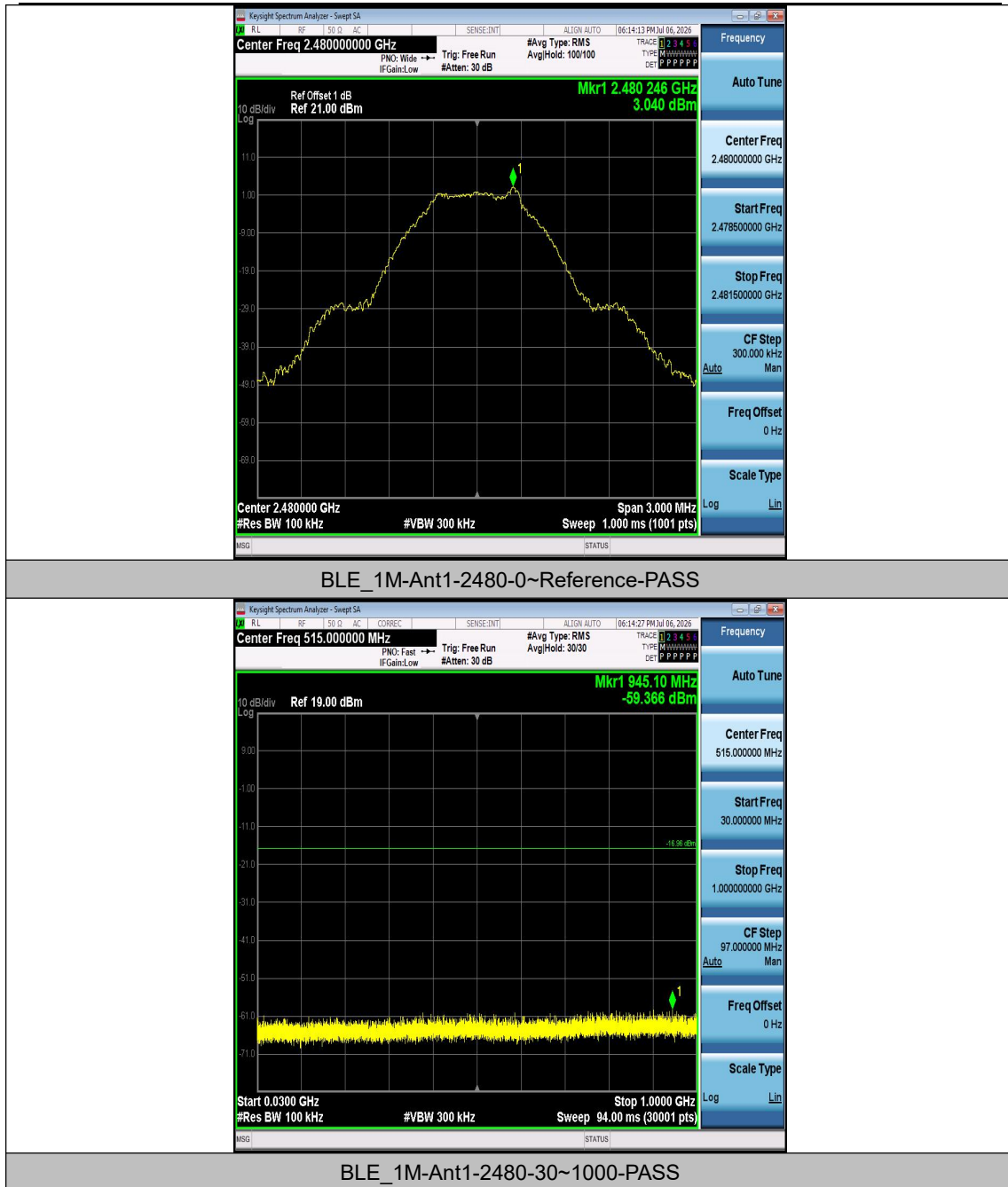
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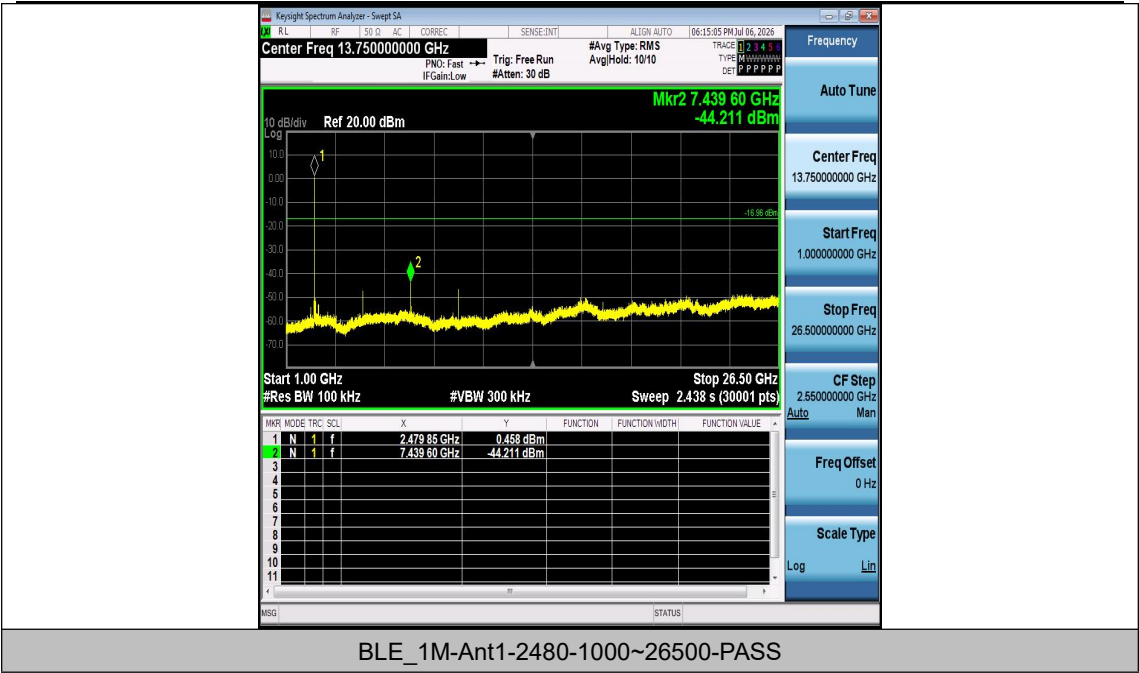
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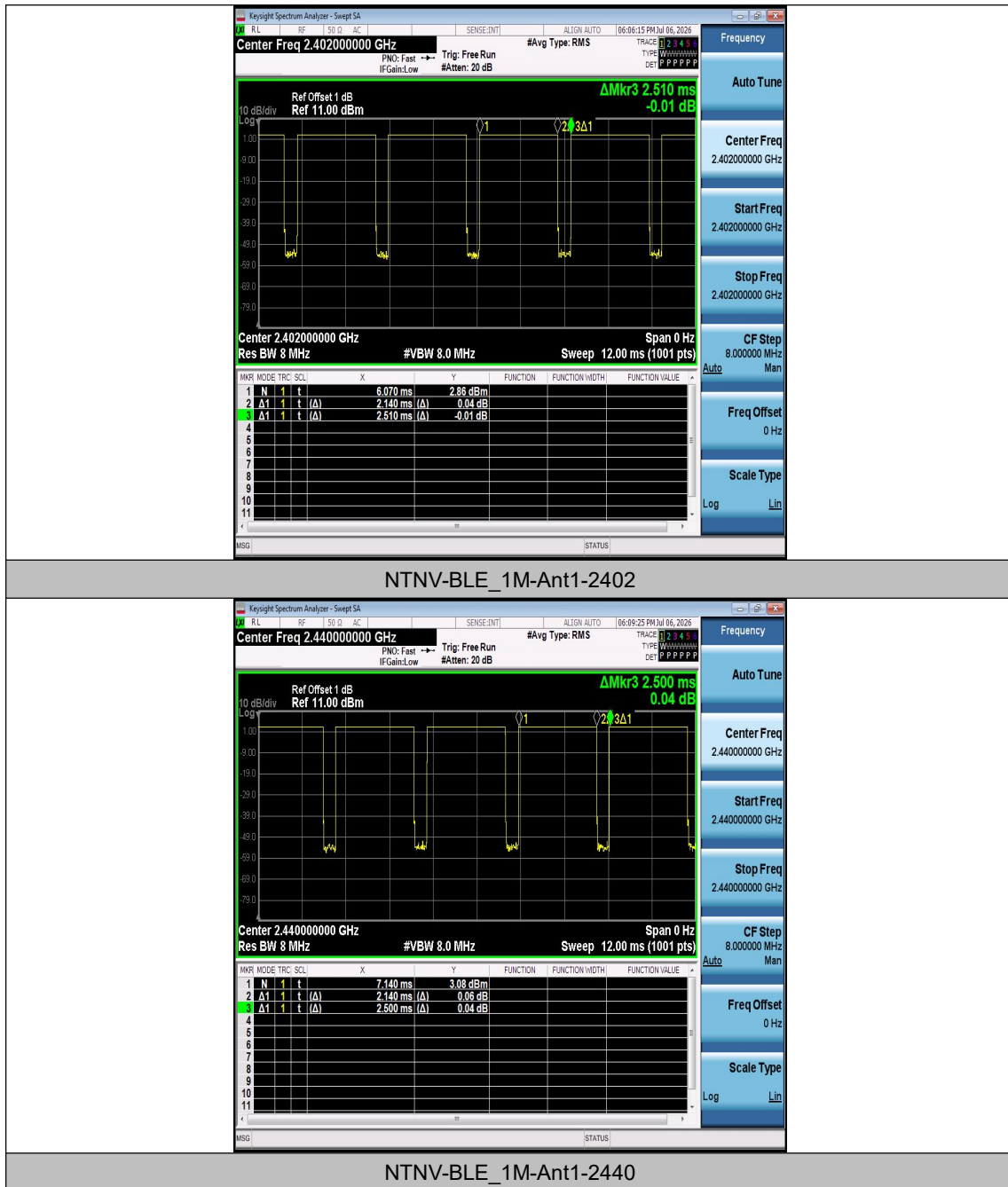
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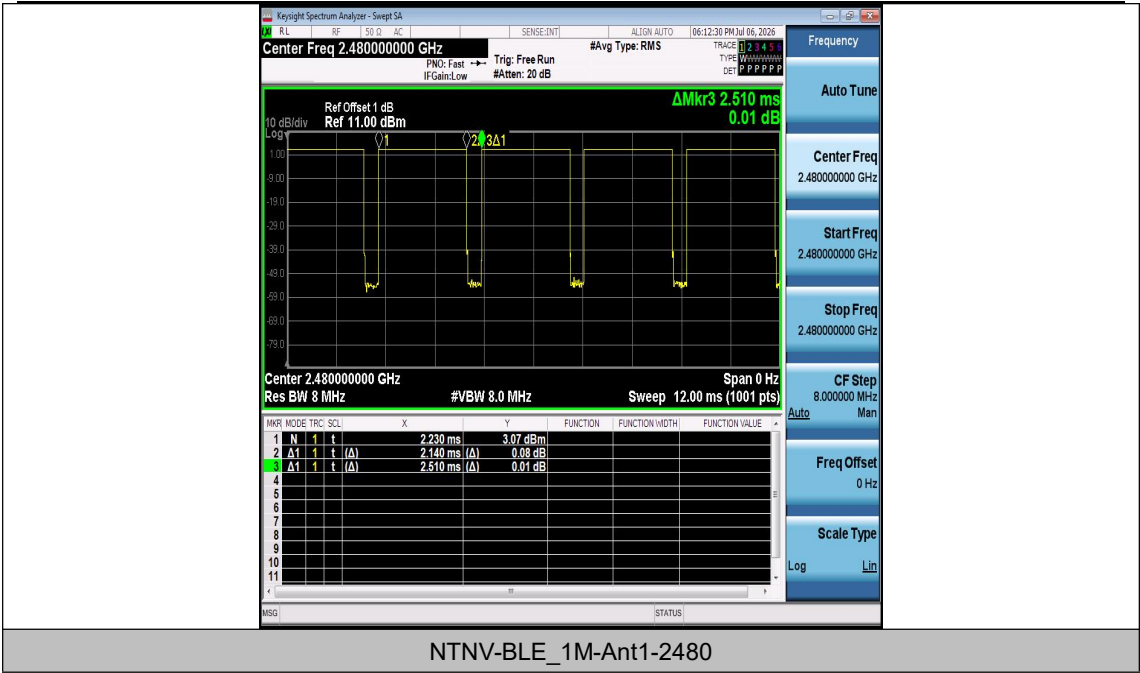
Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	2.14	2.51	85.26	0.69
BLE_1M	Ant1	2440	2.14	2.50	85.60	0.68
BLE_1M	Ant1	2480	2.14	2.51	85.26	0.69

Test Graphs





---End---