

Appendix Test Data

Report No.:	1812C60456312502-01	Test Sample No.:	1-2-2
Start Test Date:	2026-8-13	Finish Test Date:	2026-8-18
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	22°C	Relative Humidity:	62%
Pressure:	99.5kPa		

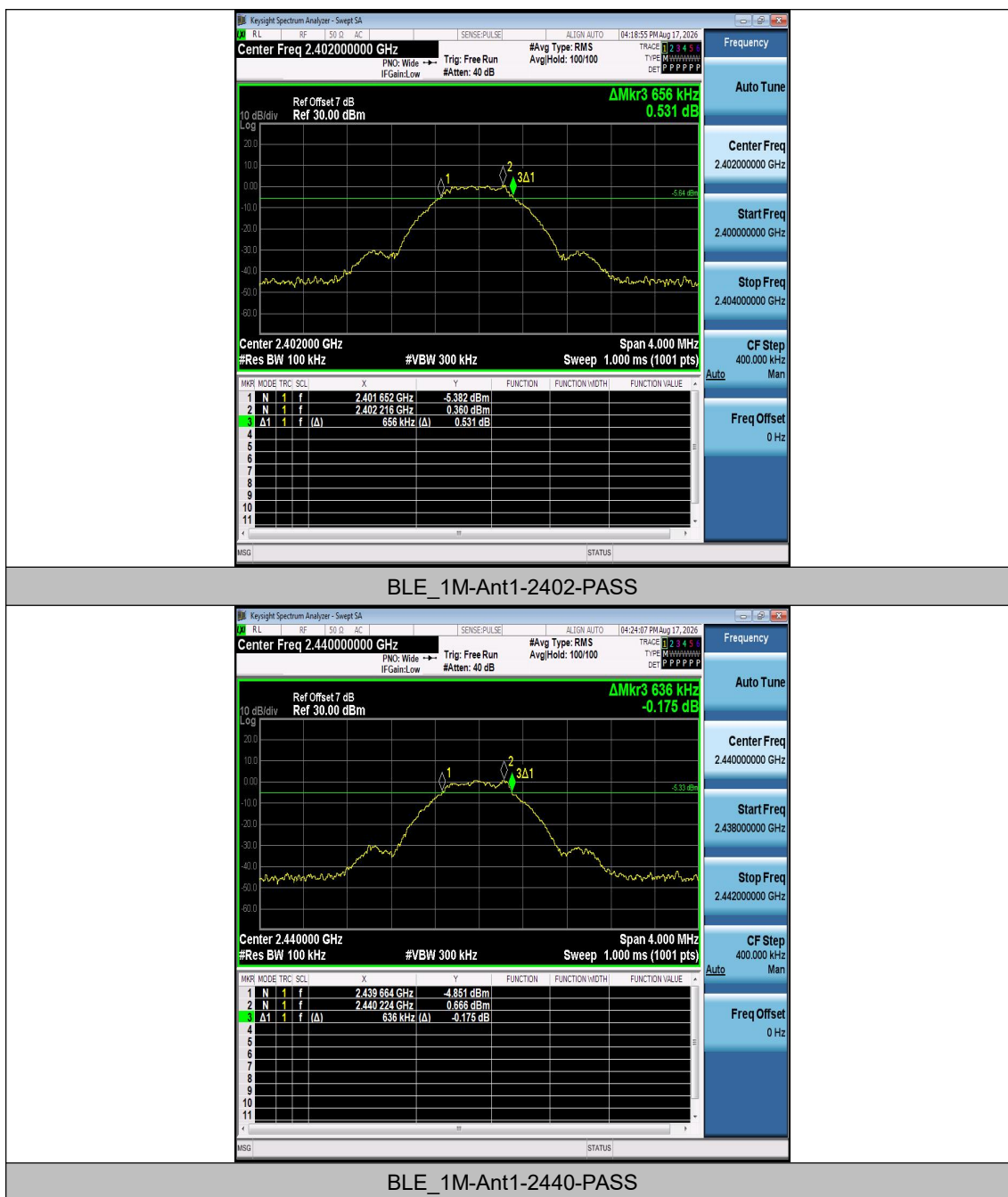


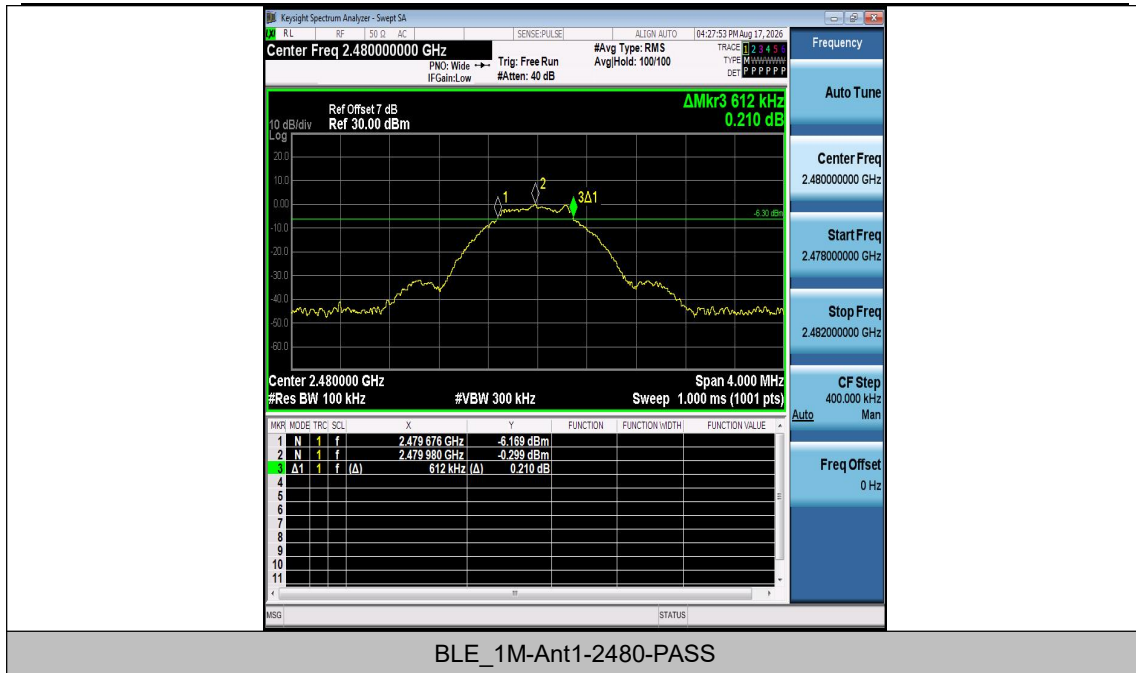
Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.656	2401.652	2402.308	0.5	PASS
BLE_1M	Ant1	2440	0.636	2439.664	2440.300	0.5	PASS
BLE_1M	Ant1	2480	0.612	2479.676	2480.288	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	1.0180	2401.4748	2402.4928	---	---
BLE_1M	Ant1	2440	1.0065	2439.4829	2440.4894	---	---
BLE_1M	Ant1	2480	0.99985	2479.4864	2480.4863	---	---

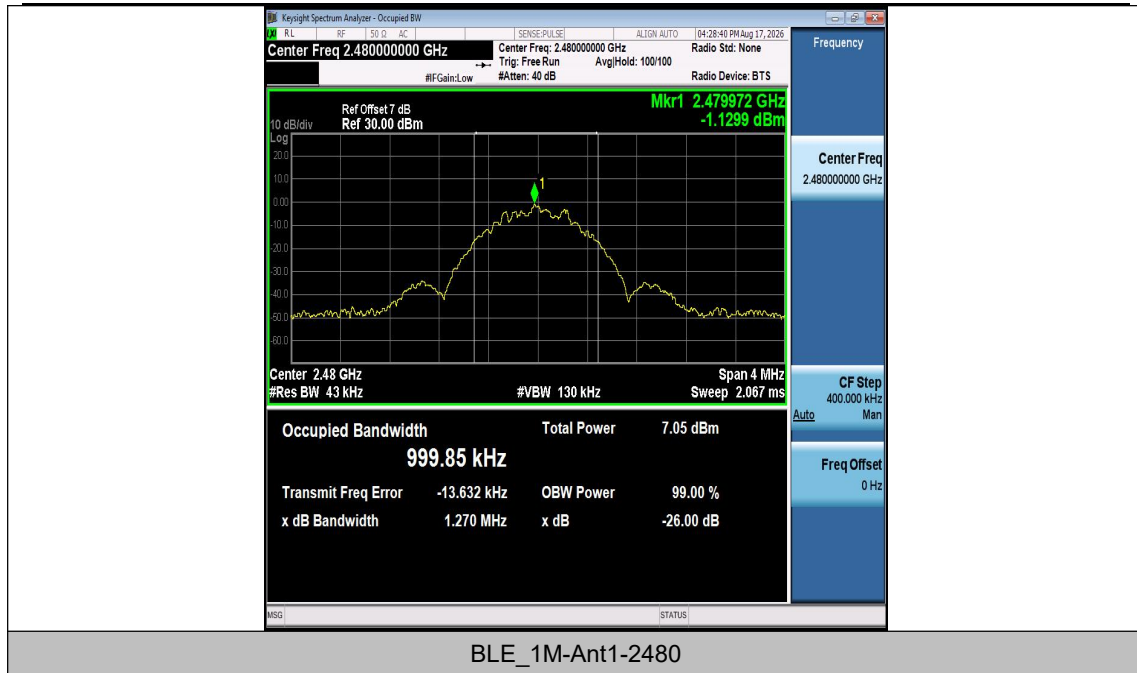
Test Graphs



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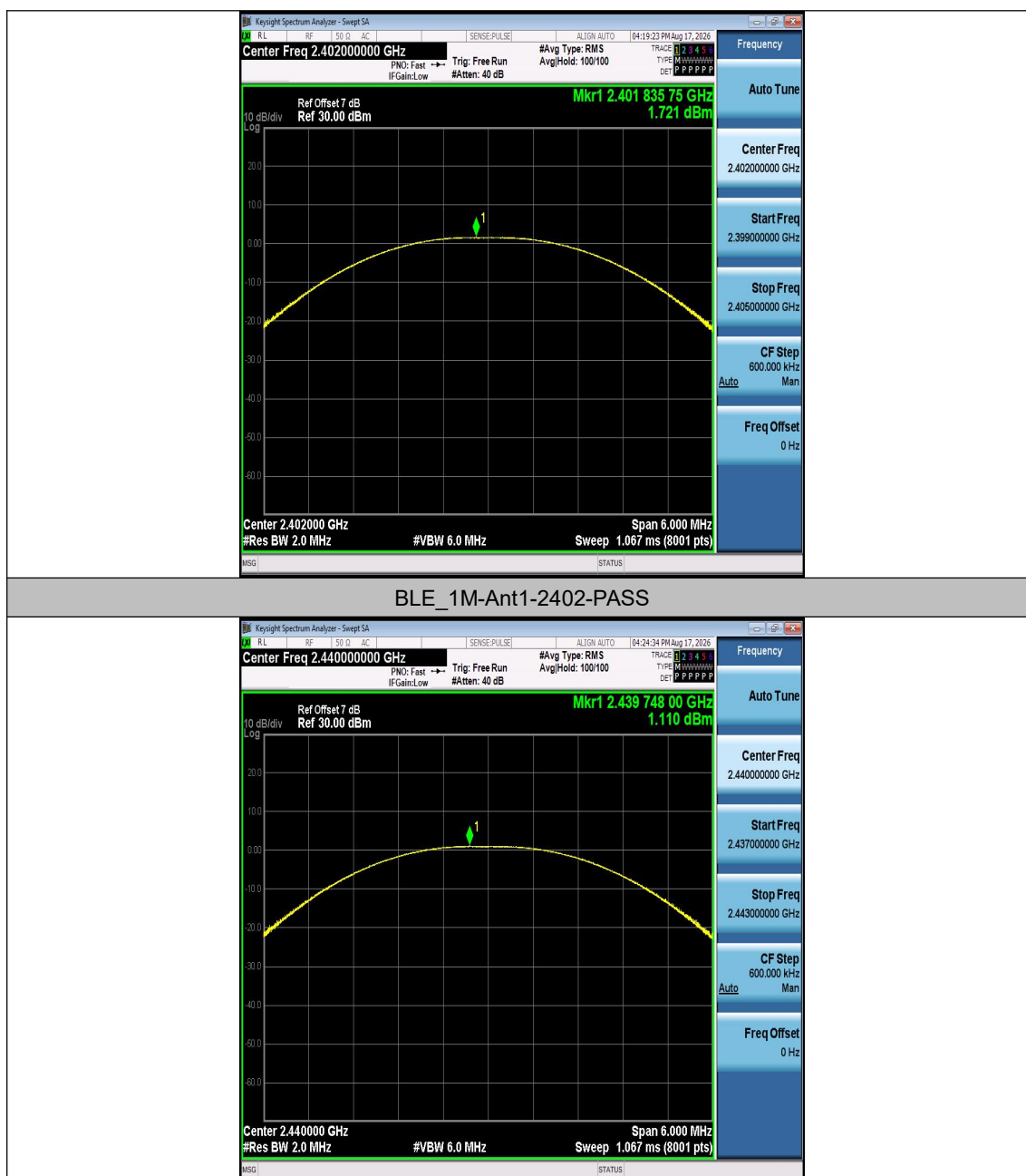
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Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	1.72	≤30	PASS
BLE_1M	Ant1	2440	1.11	≤30	PASS
BLE_1M	Ant1	2480	0.06	≤30	PASS

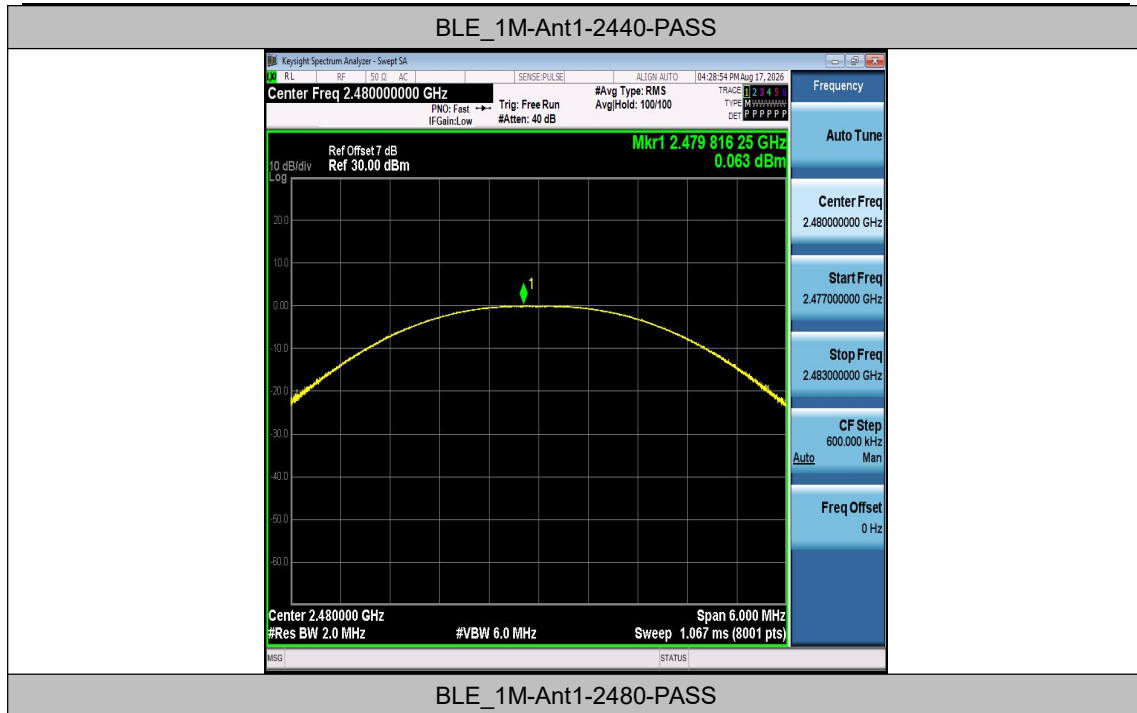
Test Graphs Peak



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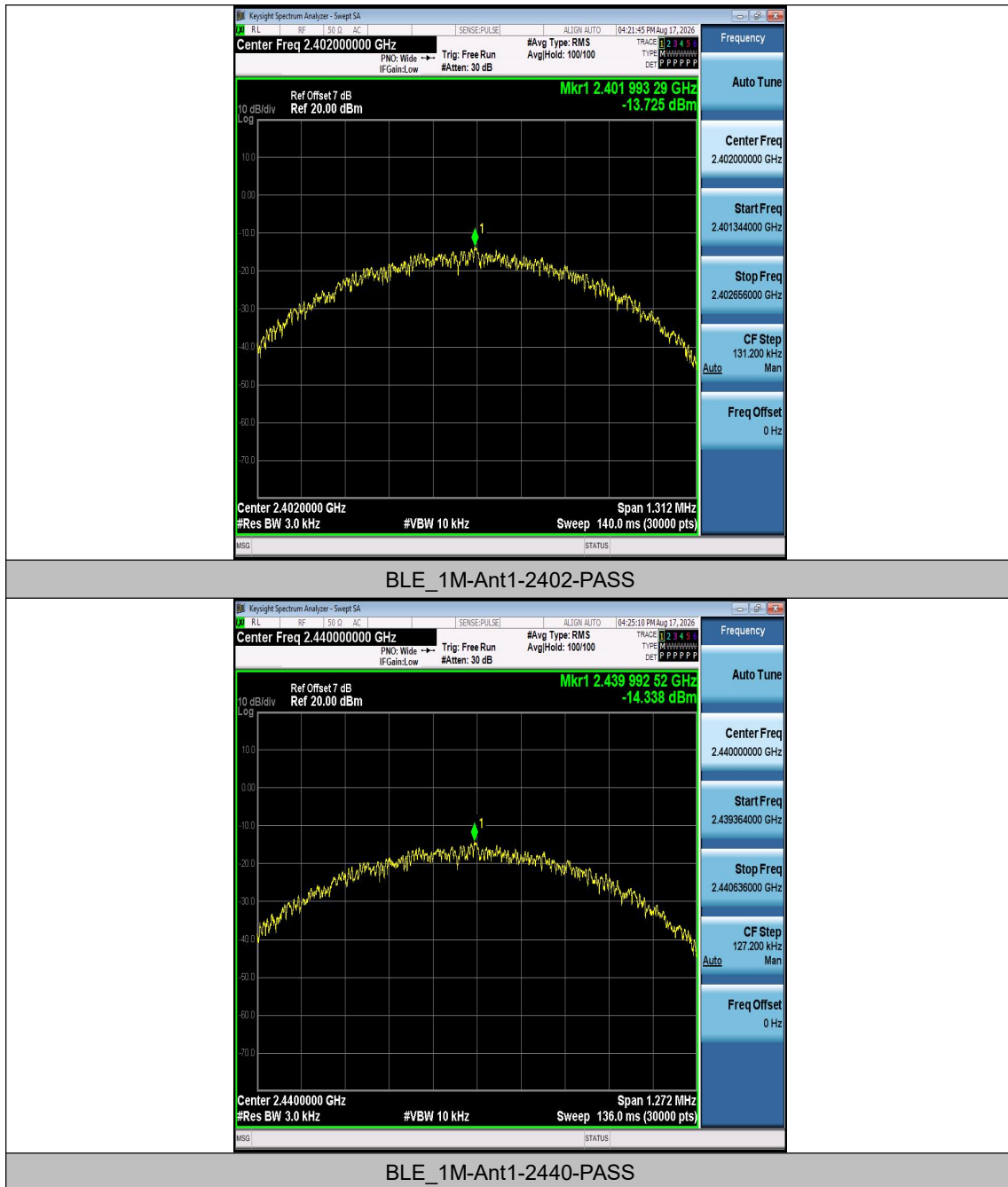
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-13.73	≤8.00	PASS
BLE_1M	Ant1	2440	-14.34	≤8.00	PASS
BLE_1M	Ant1	2480	-15.30	≤8.00	PASS

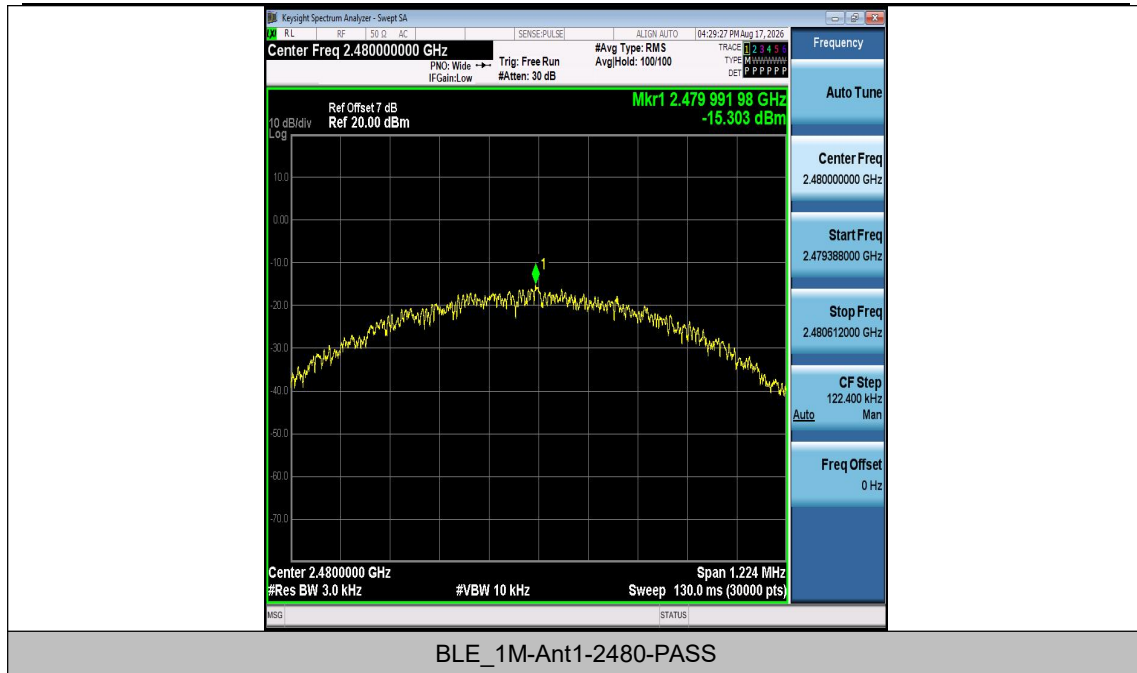
Test Graphs



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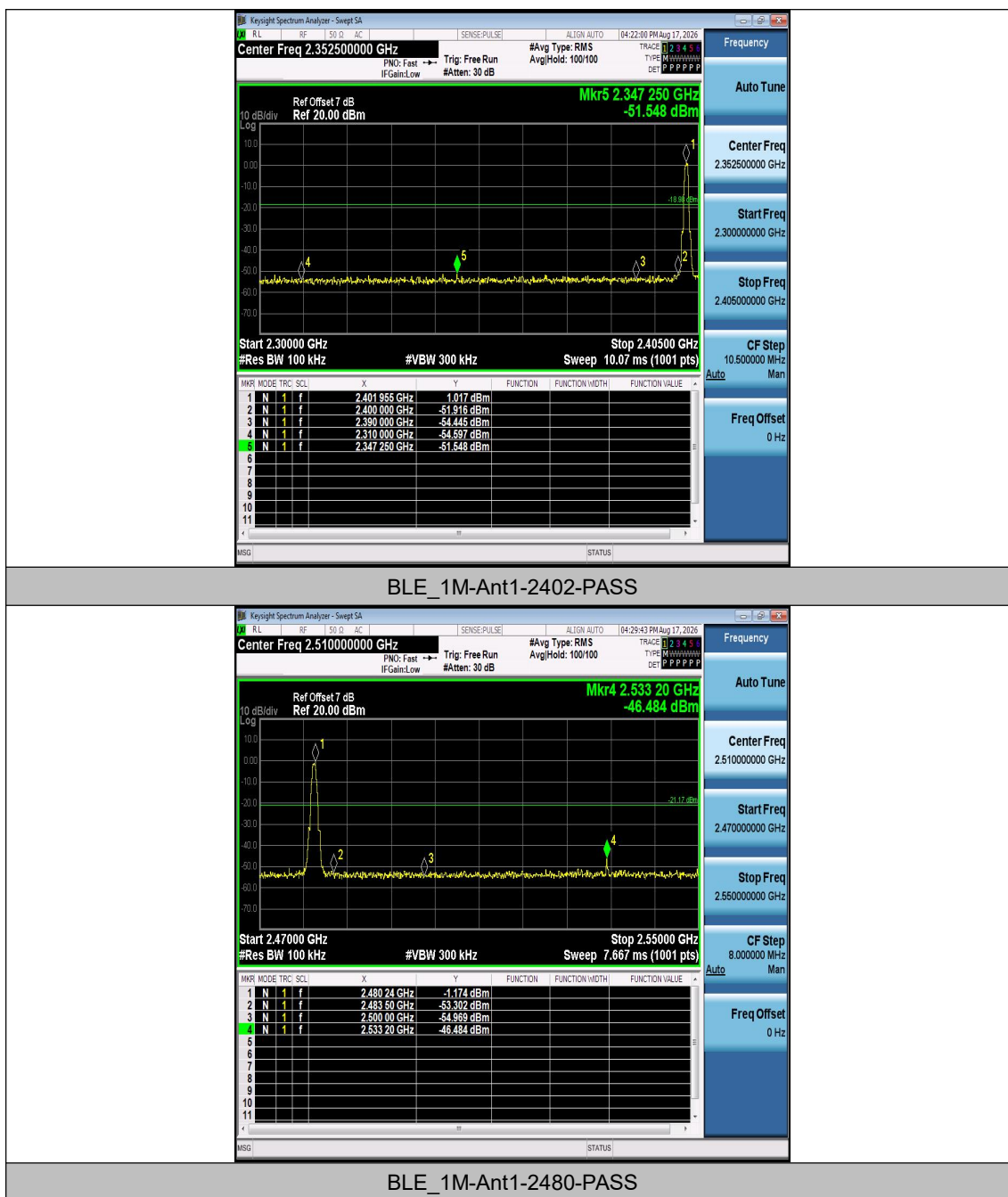
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	1.02	-51.55	≤-18.98	PASS
BLE_1M	Ant1	High	2480	-1.17	-46.48	≤-21.17	PASS

Test Graphs



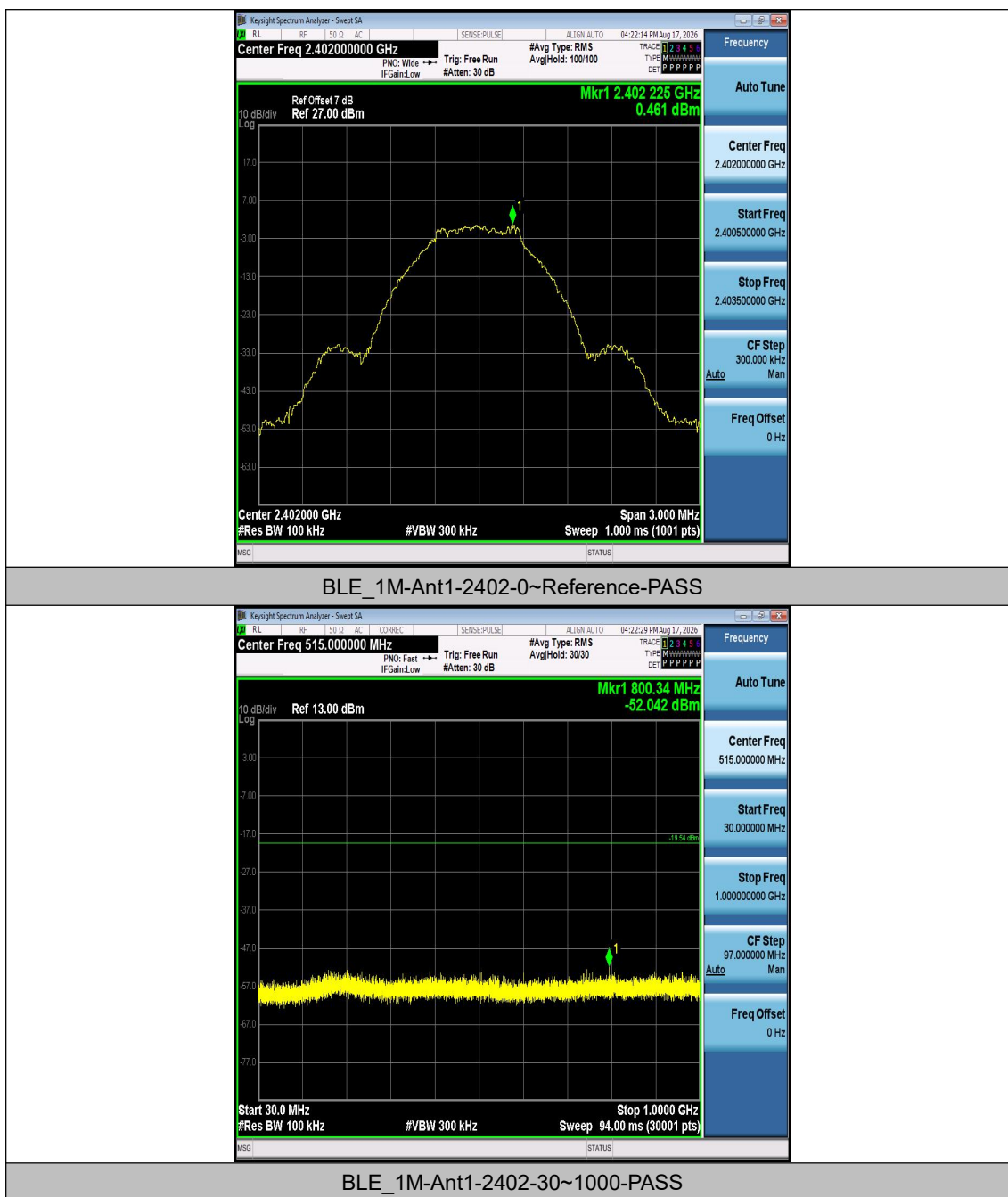
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	0.46	0.46	---	PASS
BLE_1M	Ant1	2402	30~1000	0.46	-52.04	≤-19.54	PASS
BLE_1M	Ant1	2402	1000~26500	0.46	-34.44	≤-19.54	PASS
BLE_1M	Ant1	2440	0~Reference	0.58	0.58	---	PASS
BLE_1M	Ant1	2440	30~1000	0.58	-52.52	≤-19.42	PASS
BLE_1M	Ant1	2440	1000~26500	0.58	-37.04	≤-19.42	PASS
BLE_1M	Ant1	2480	0~Reference	-0.45	-0.45	---	PASS
BLE_1M	Ant1	2480	30~1000	-0.45	-52.17	≤-20.45	PASS
BLE_1M	Ant1	2480	1000~26500	-0.45	-37.19	≤-20.45	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.

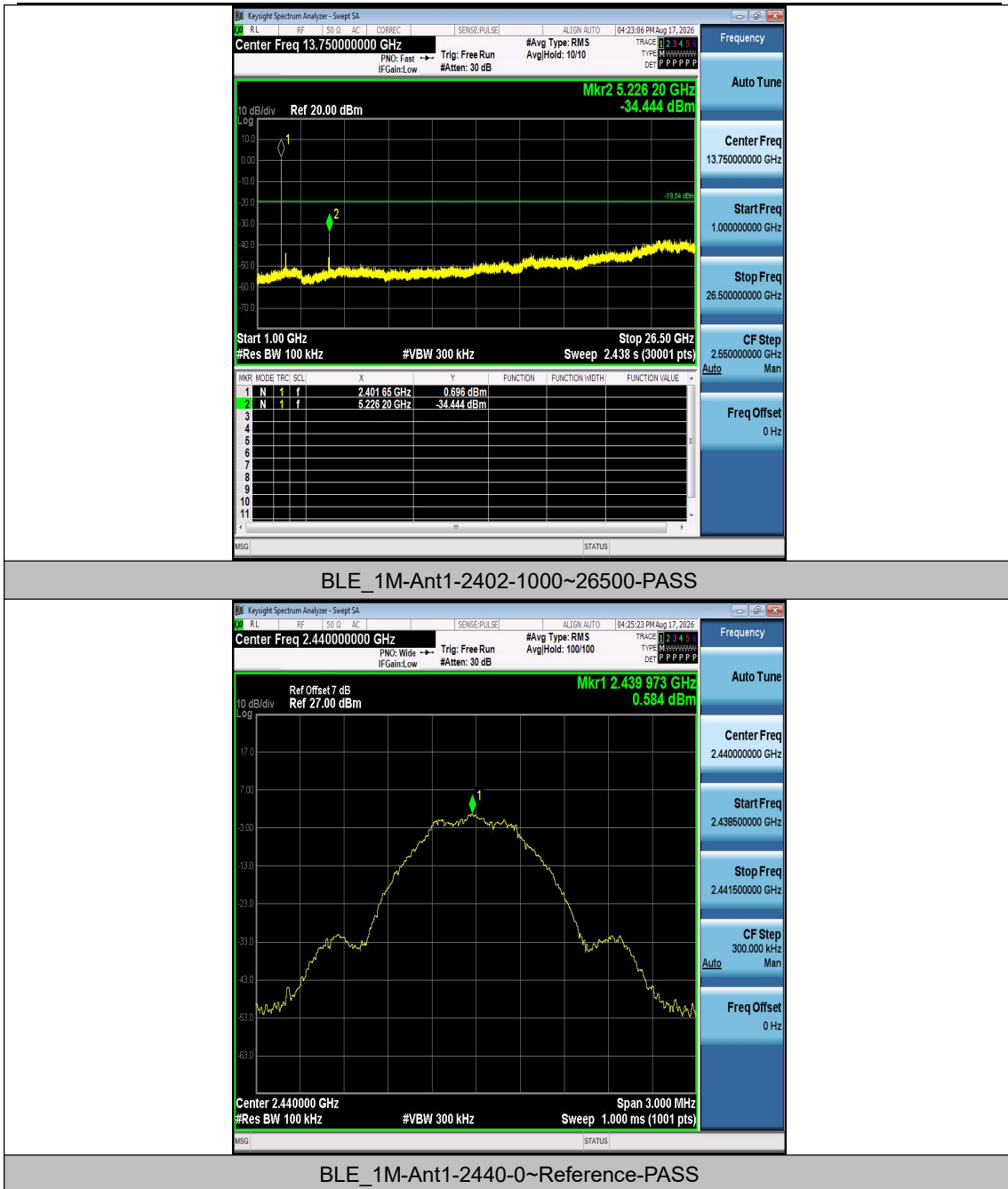
Test Graphs



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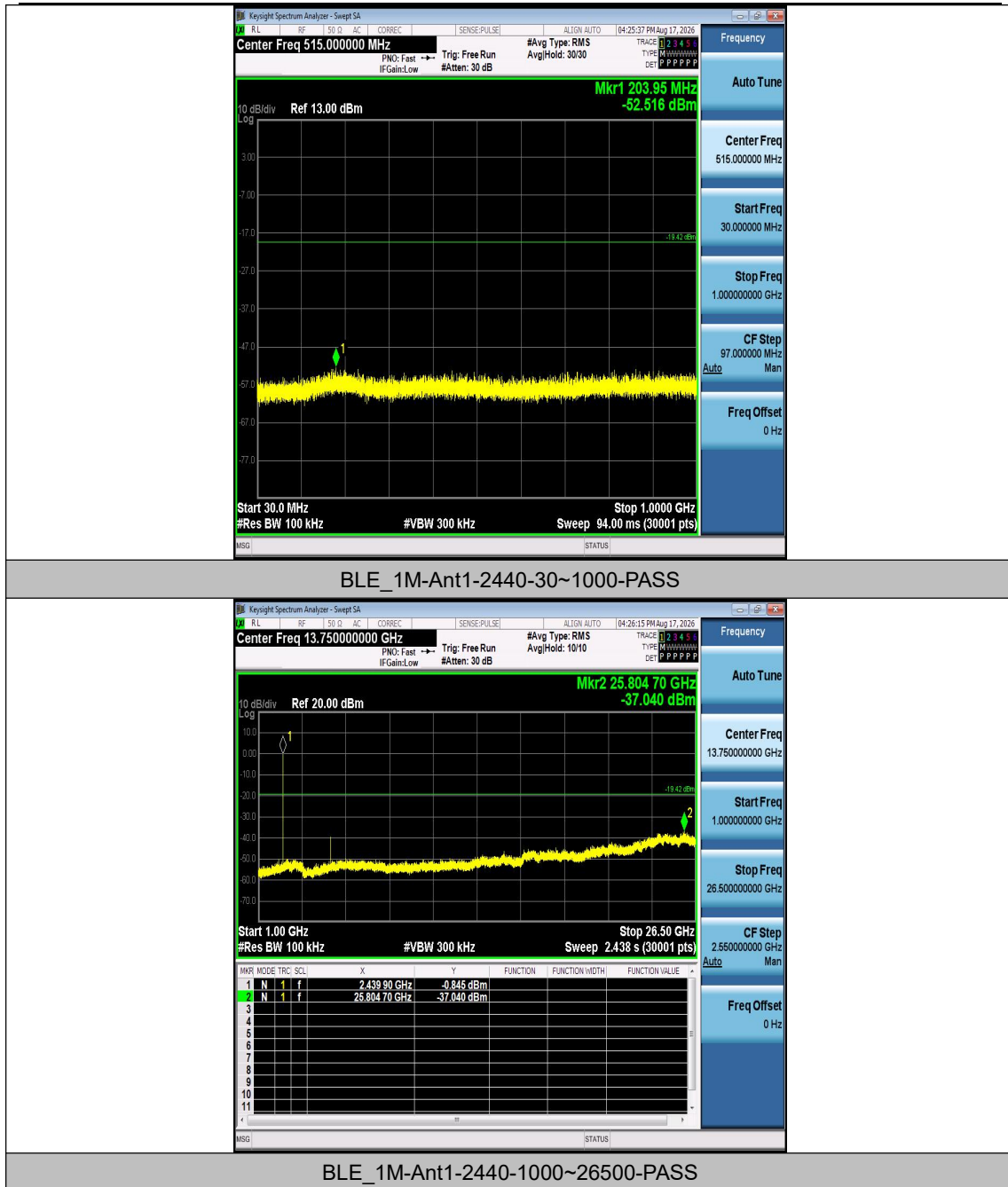
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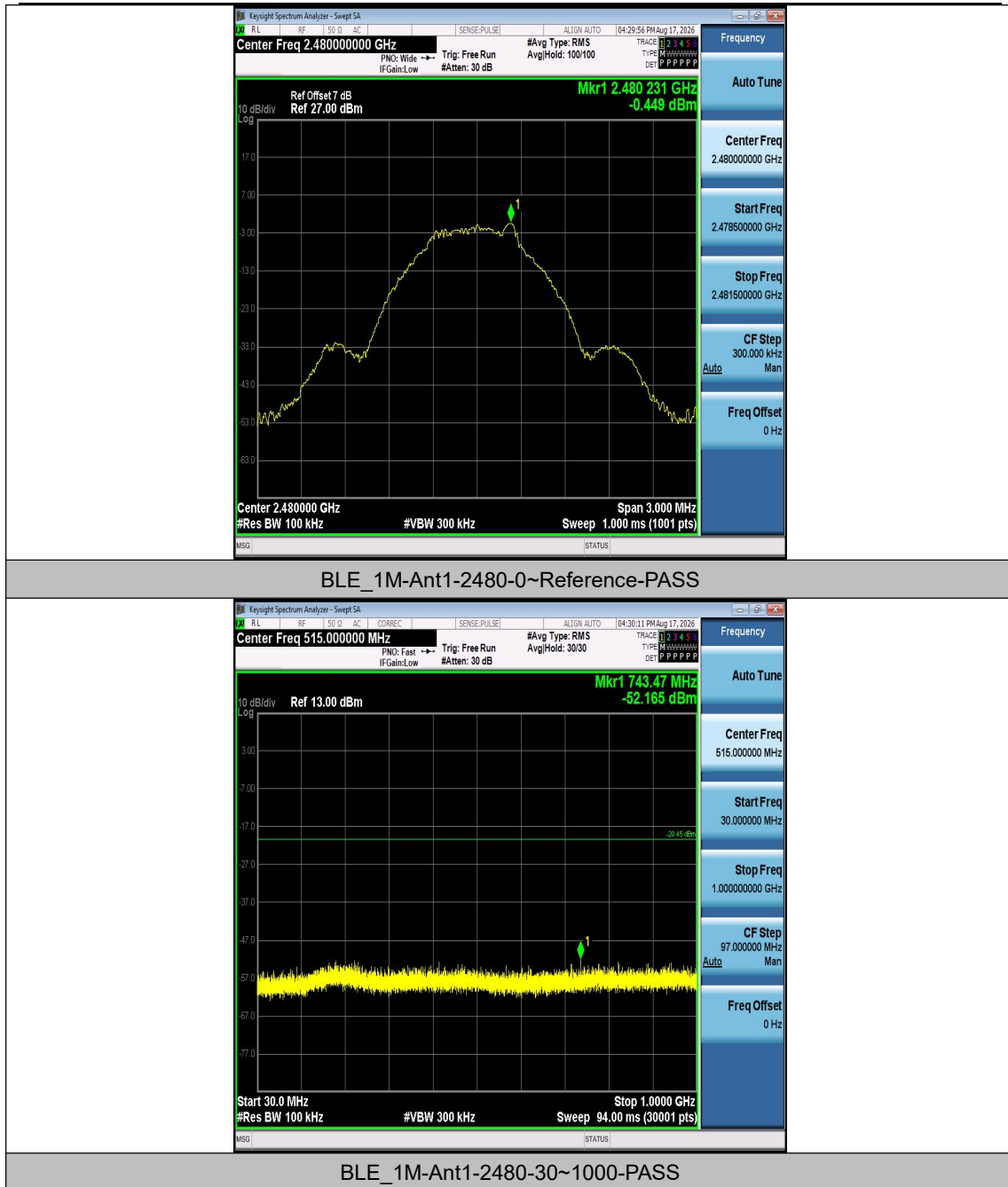
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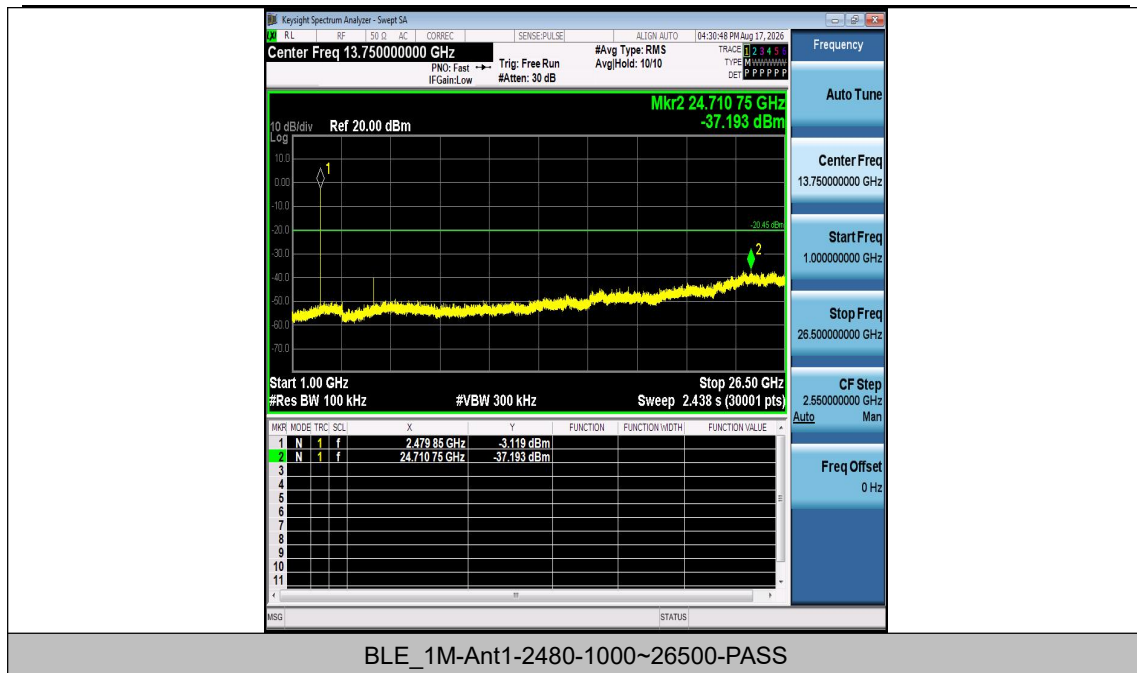
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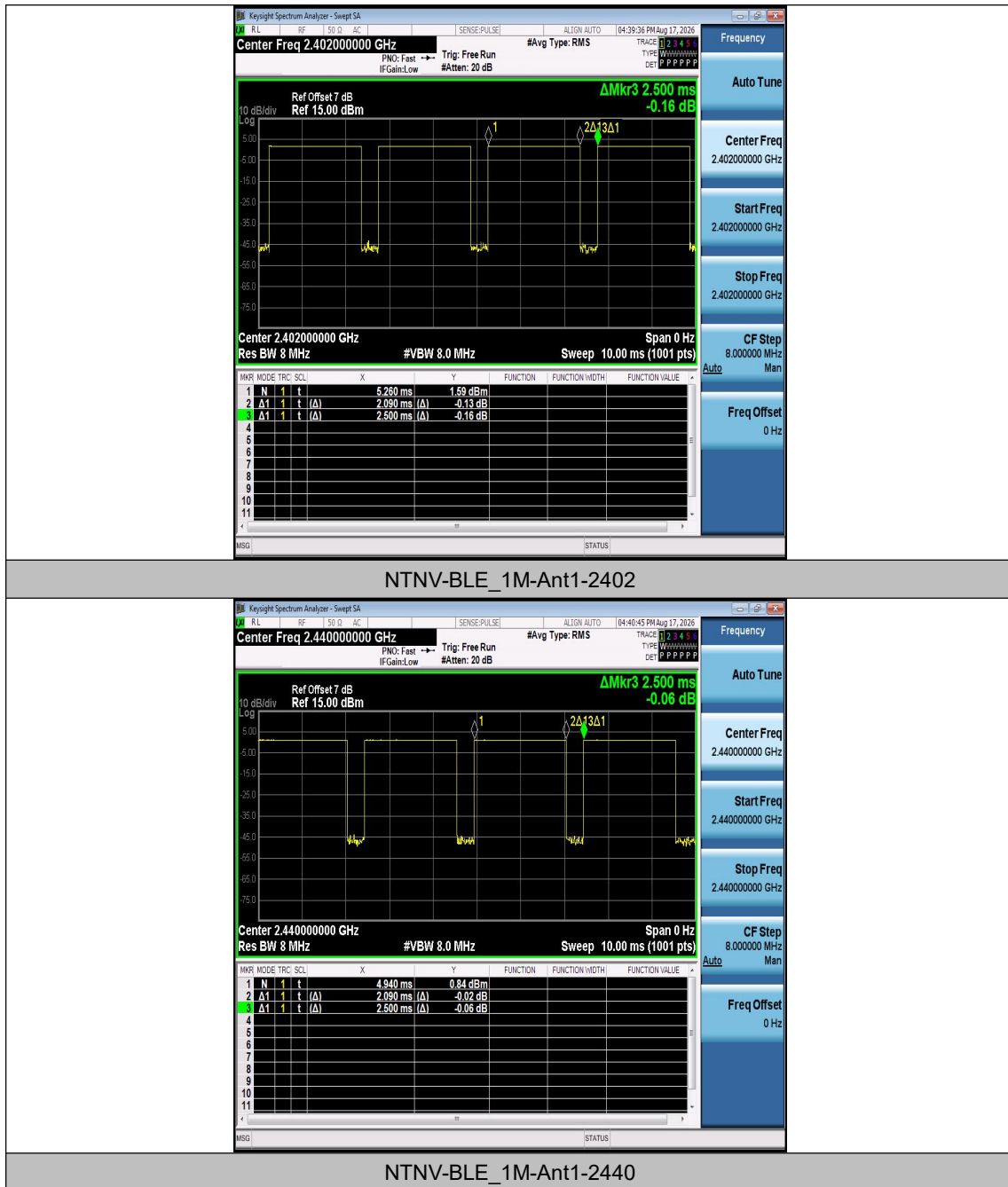
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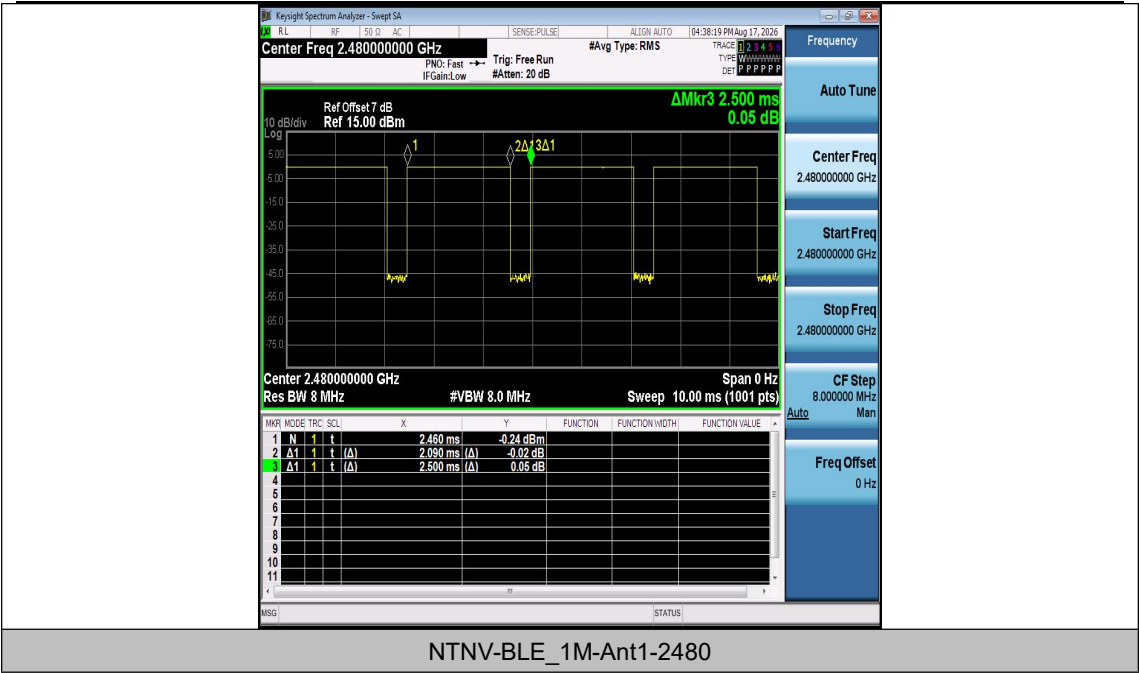
Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	2.09	2.50	83.60	0.78
BLE_1M	Ant1	2440	2.09	2.50	83.60	0.78
BLE_1M	Ant1	2480	2.09	2.50	83.60	0.78

Test Graphs





NTNV-BLE_1M-Ant1-2480

---End---