

Appendix Test Data

Report No.:	9812C60002712501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-4-29	Finish Test Date:	2026-6-29
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	24.8℃	Relative Humidity:	52%
Pressure:	101kPa		

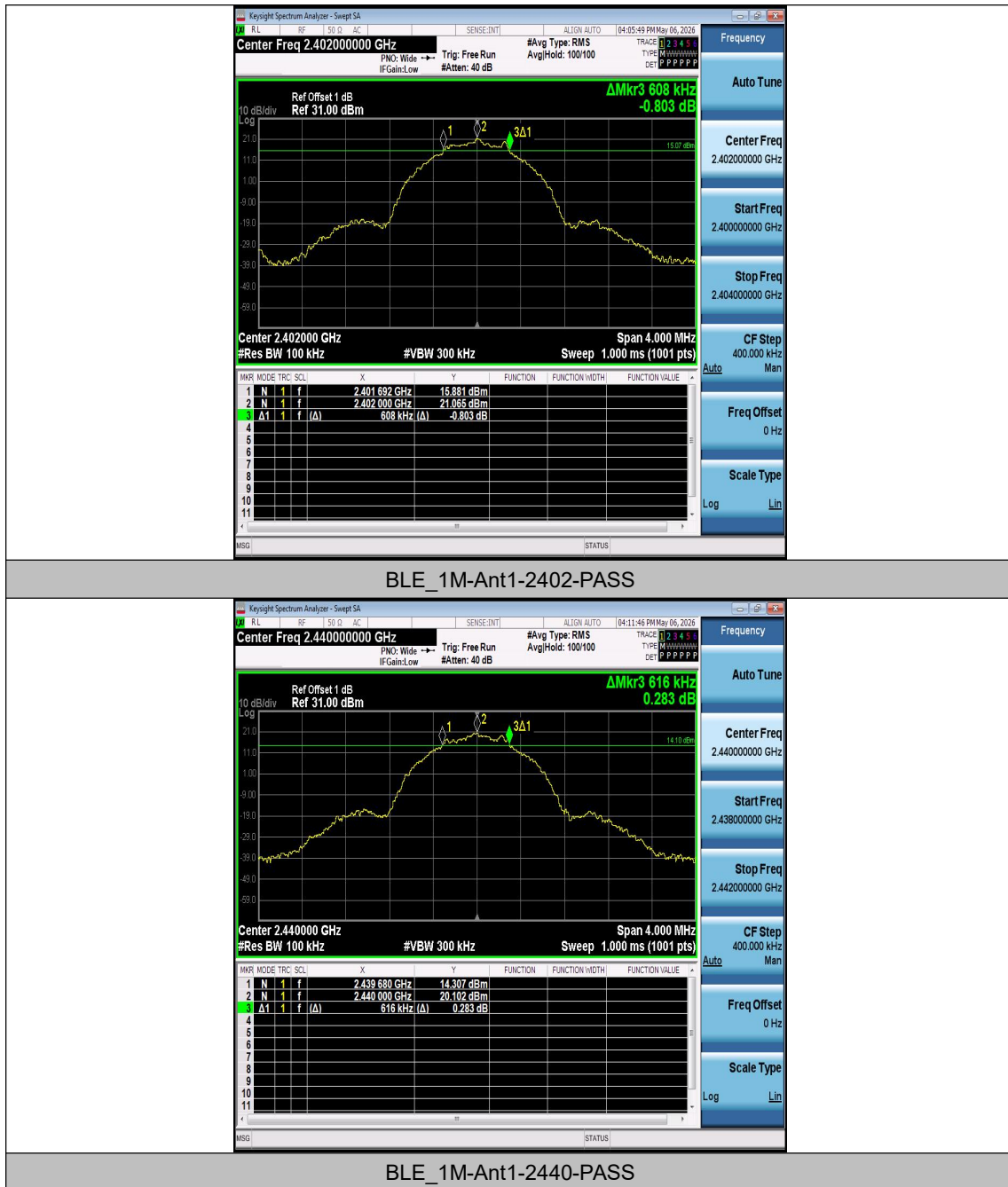


Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.608	2401.692	2402.300	0.5	PASS
BLE_1M	Ant1	2440	0.616	2439.680	2440.296	0.5	PASS
BLE_1M	Ant1	2480	0.664	2479.652	2480.316	0.5	PASS

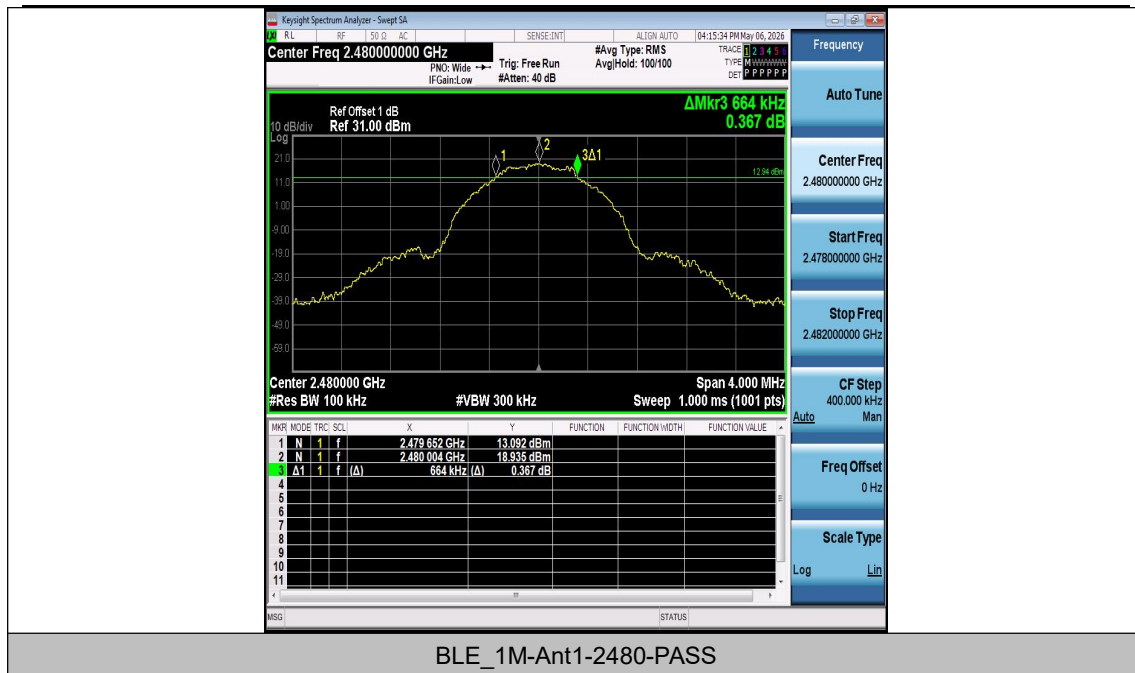
Test Graphs



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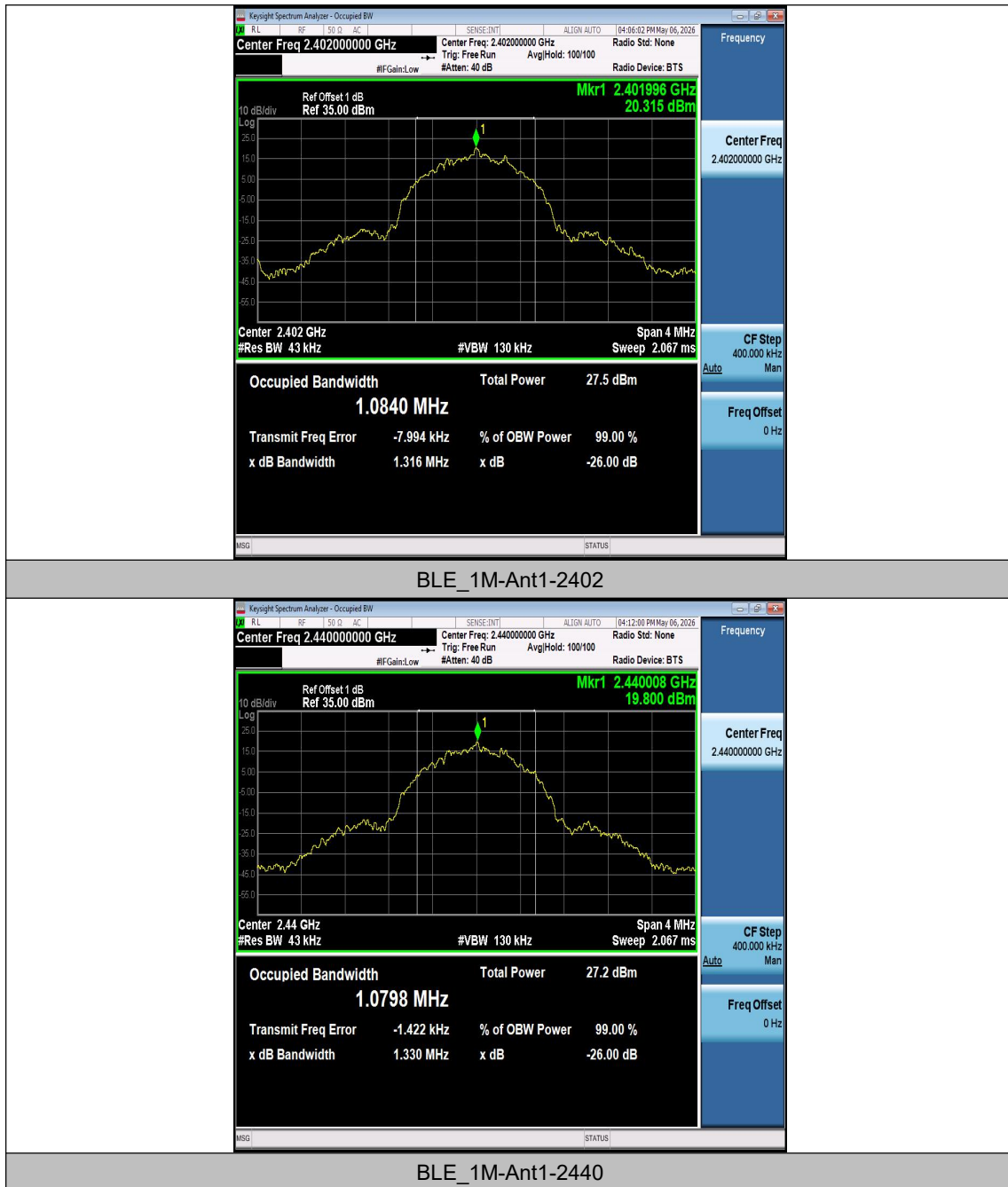
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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0840	2401.4500	2402.5340	---	---
BLE_1M	Ant1	2440	1.0798	2439.4587	2440.5385	---	---
BLE_1M	Ant1	2480	1.0824	2479.4509	2480.5333	---	---

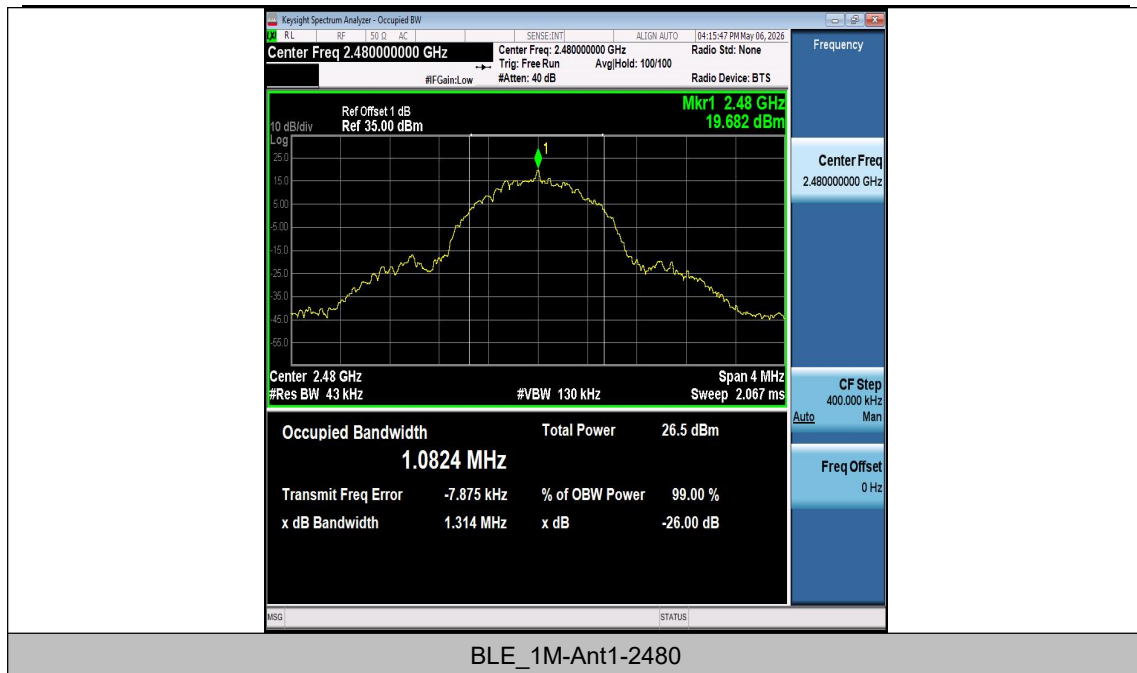
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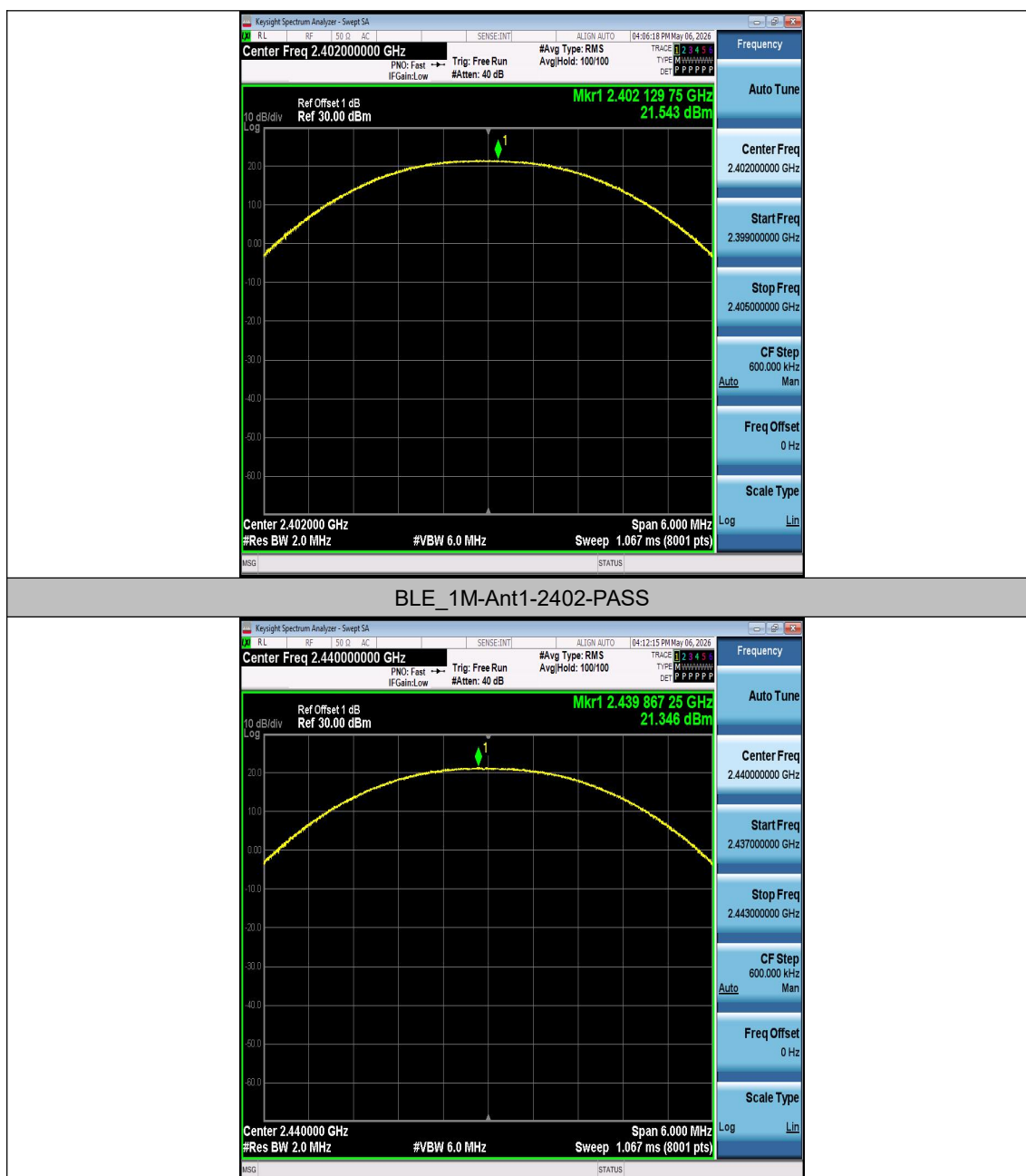
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Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	21.54	≤30	PASS
BLE_1M	Ant1	2440	21.35	≤30	PASS
BLE_1M	Ant1	2480	20.88	≤30	PASS

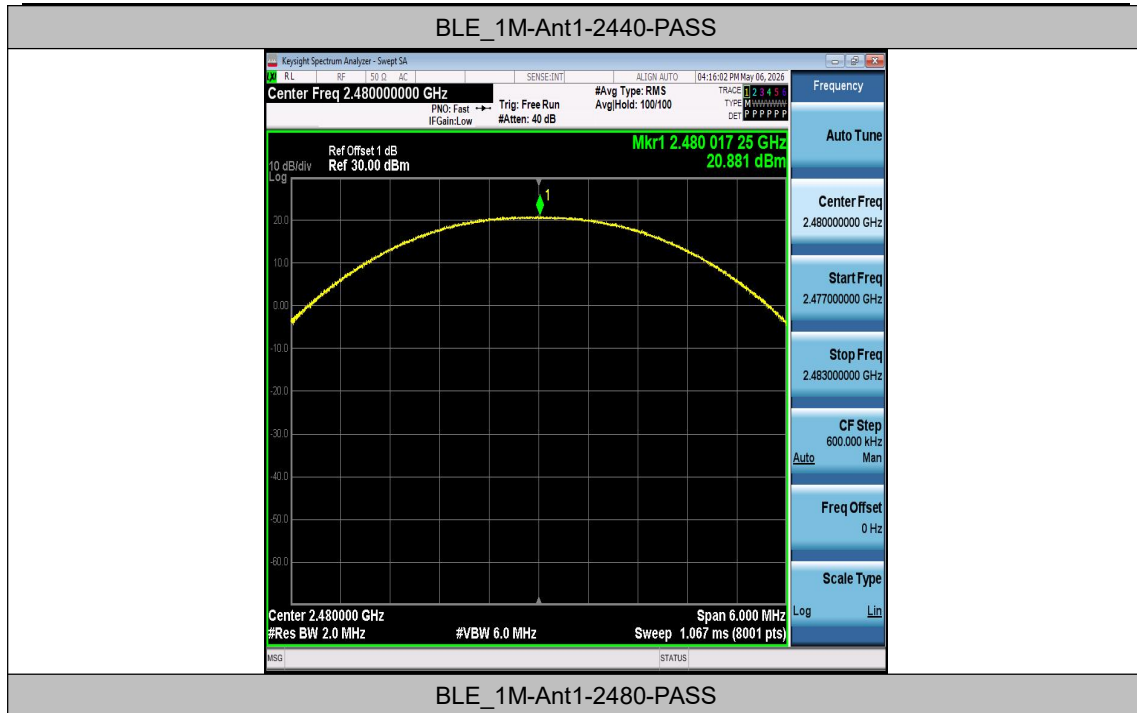
Test Graphs Peak



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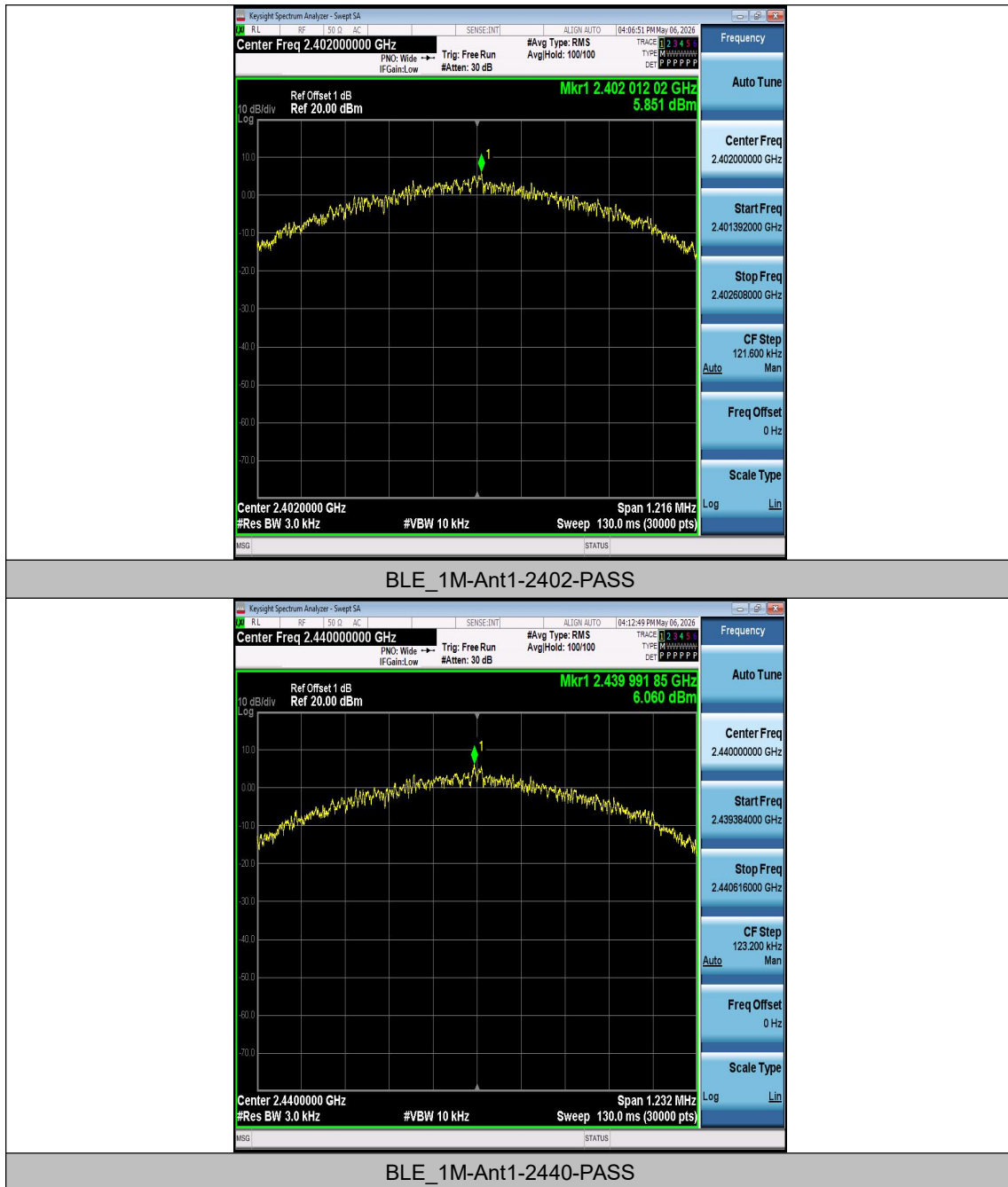
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	5.85	≤8.00	PASS
BLE_1M	Ant1	2440	6.06	≤8.00	PASS
BLE_1M	Ant1	2480	5.15	≤8.00	PASS

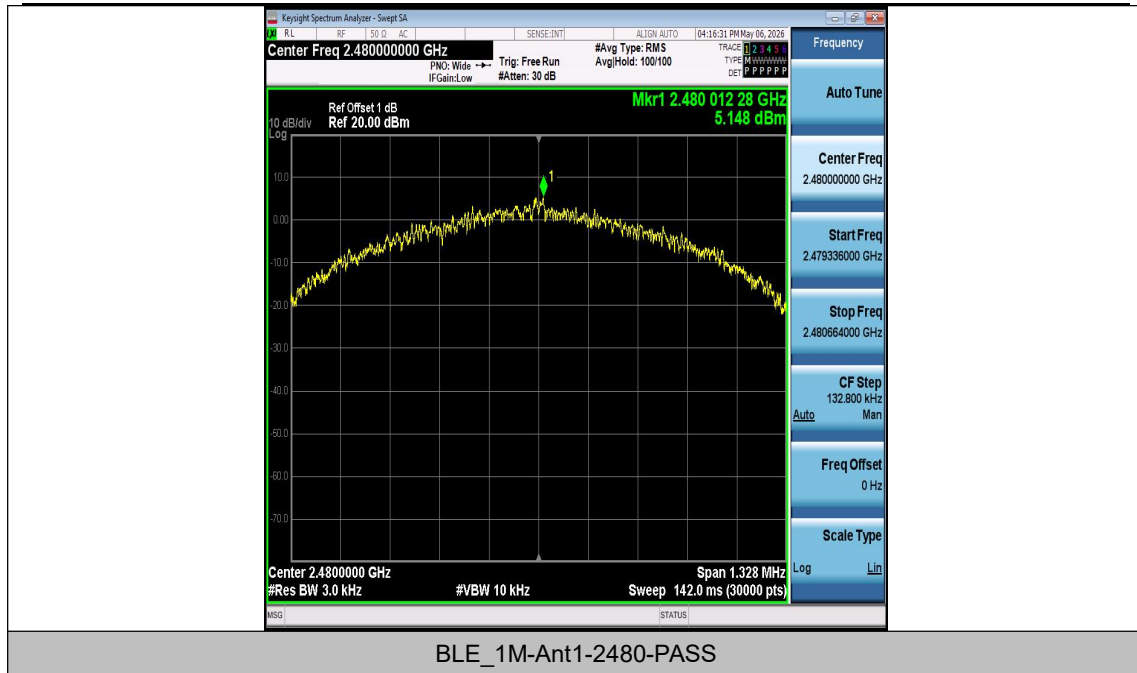
Test Graphs



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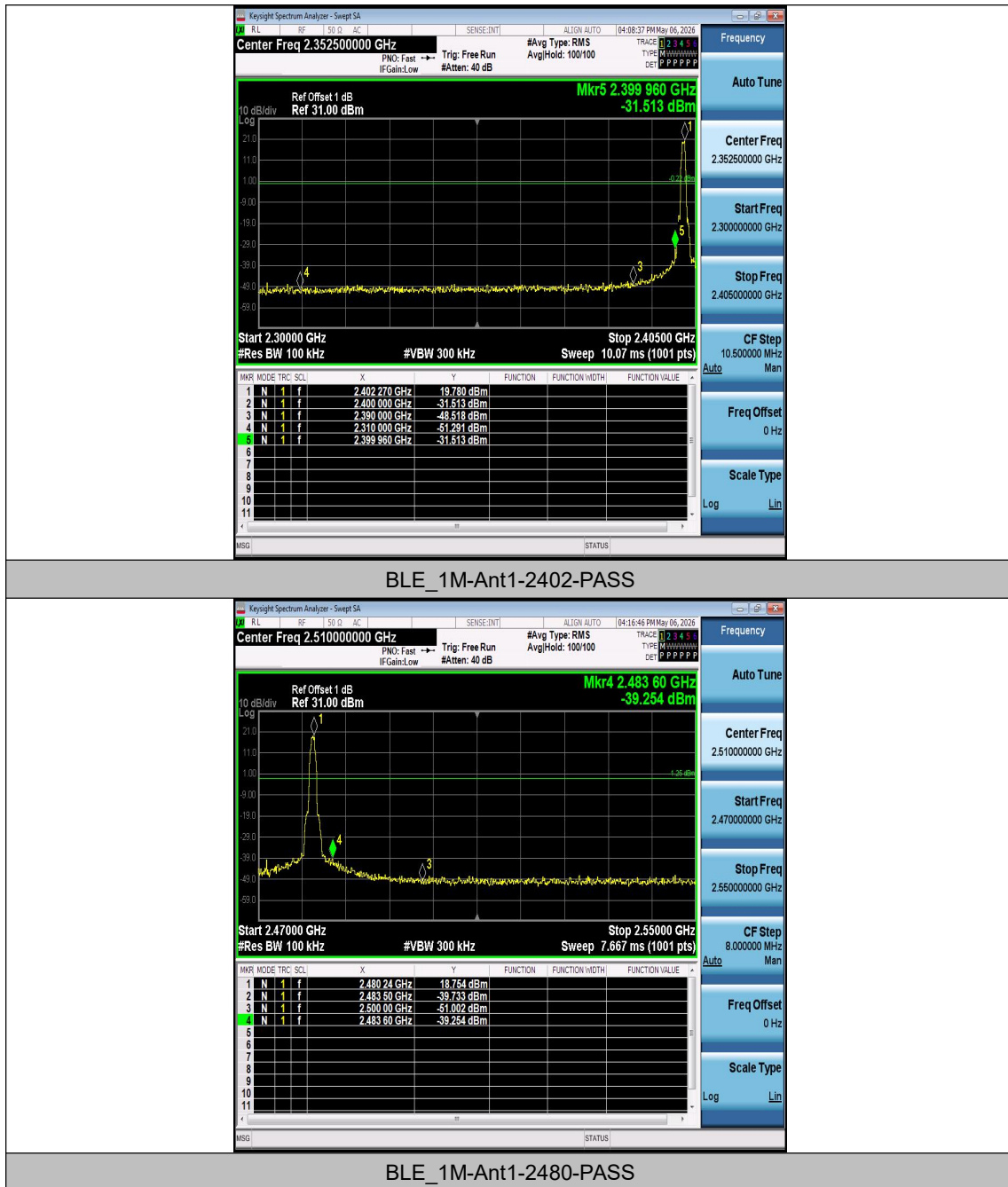
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	19.78	-31.51	≤ -0.22	PASS
BLE_1M	Ant1	High	2480	18.75	-39.25	≤ -1.25	PASS

Test Graphs



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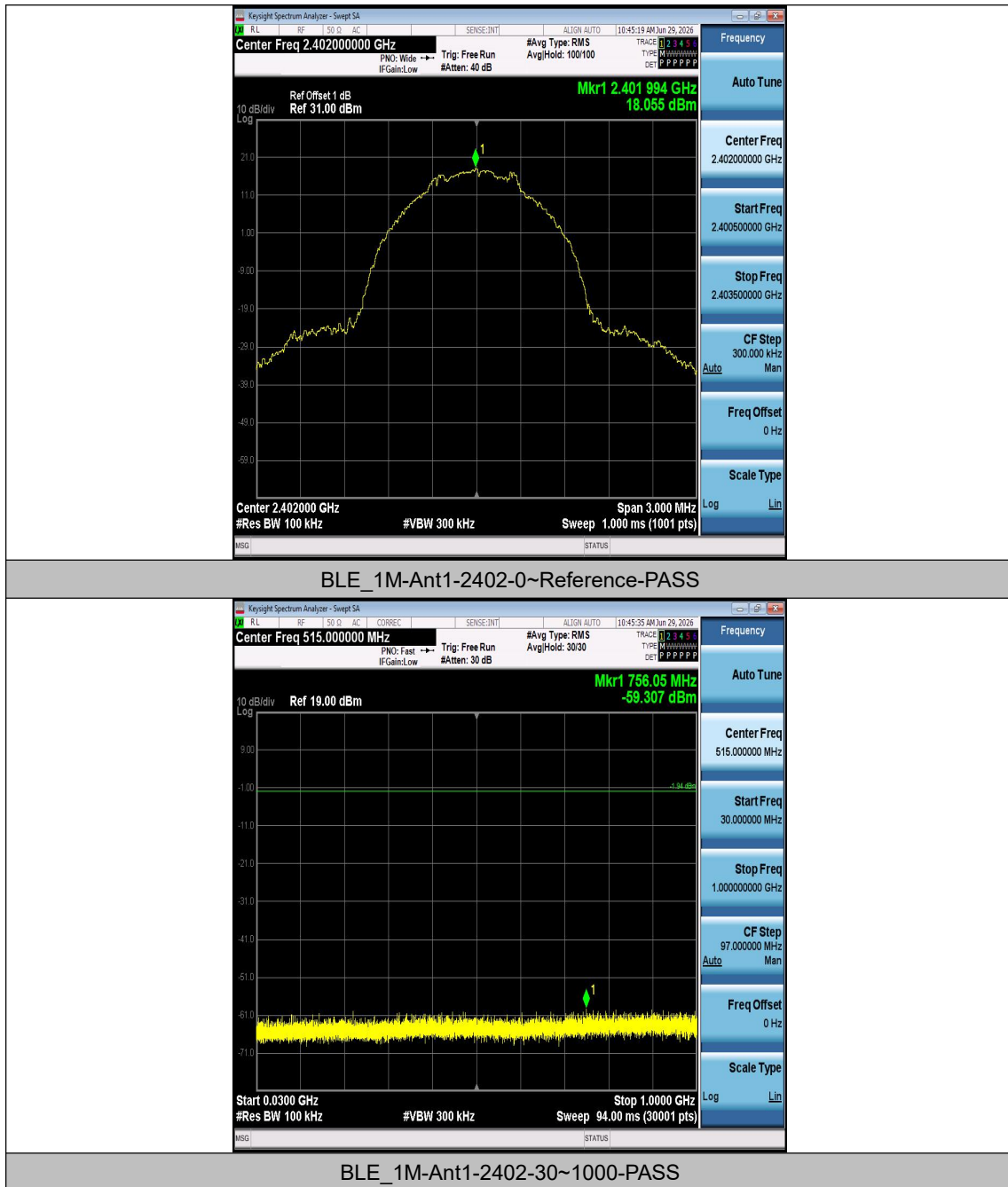
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	18.06	18.06	---	PASS
BLE_1M	Ant1	2402	30~1000	18.06	-59.31	≤ -1.94	PASS
BLE_1M	Ant1	2402	1000~26500	18.06	-38.97	≤ -1.94	PASS
BLE_1M	Ant1	2440	0~Reference	17.45	17.45	---	PASS
BLE_1M	Ant1	2440	30~1000	17.45	-59.36	≤ -2.55	PASS
BLE_1M	Ant1	2440	1000~26500	17.45	-38.65	≤ -2.55	PASS
BLE_1M	Ant1	2480	0~Reference	17.13	17.13	---	PASS
BLE_1M	Ant1	2480	30~1000	17.13	-57.52	≤ -2.87	PASS
BLE_1M	Ant1	2480	1000~26500	17.13	-37.91	≤ -2.87	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.

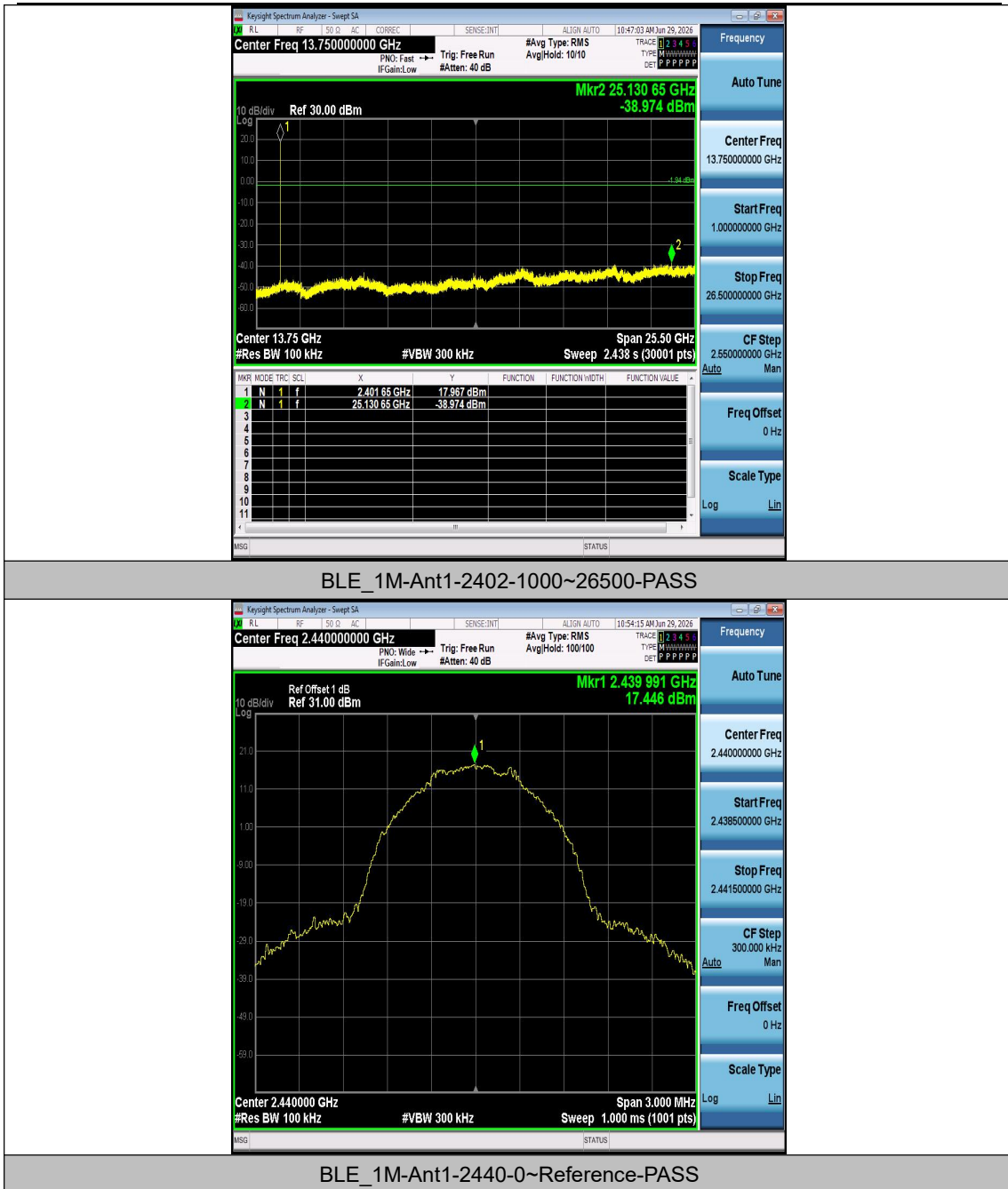
Test Graphs



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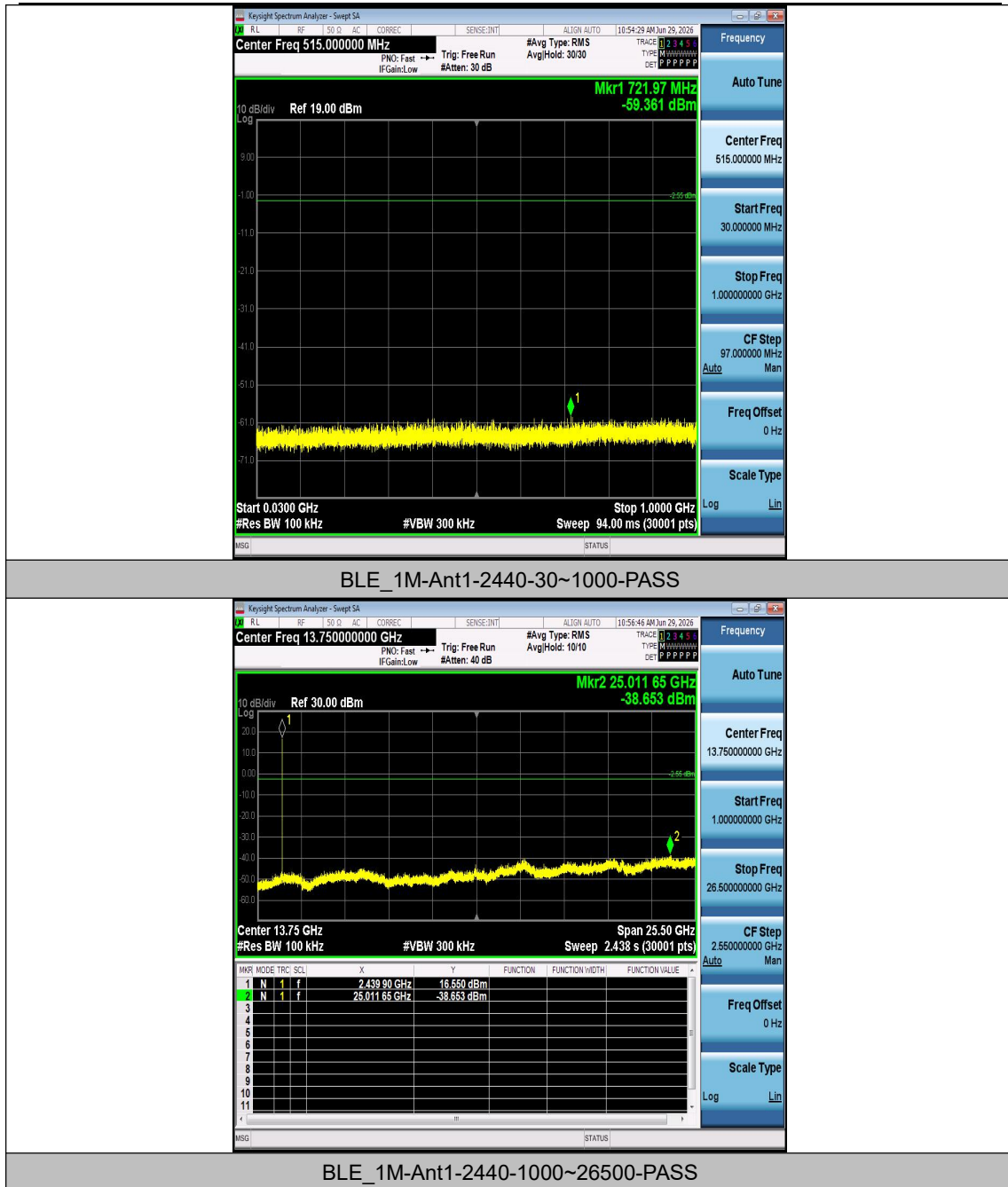
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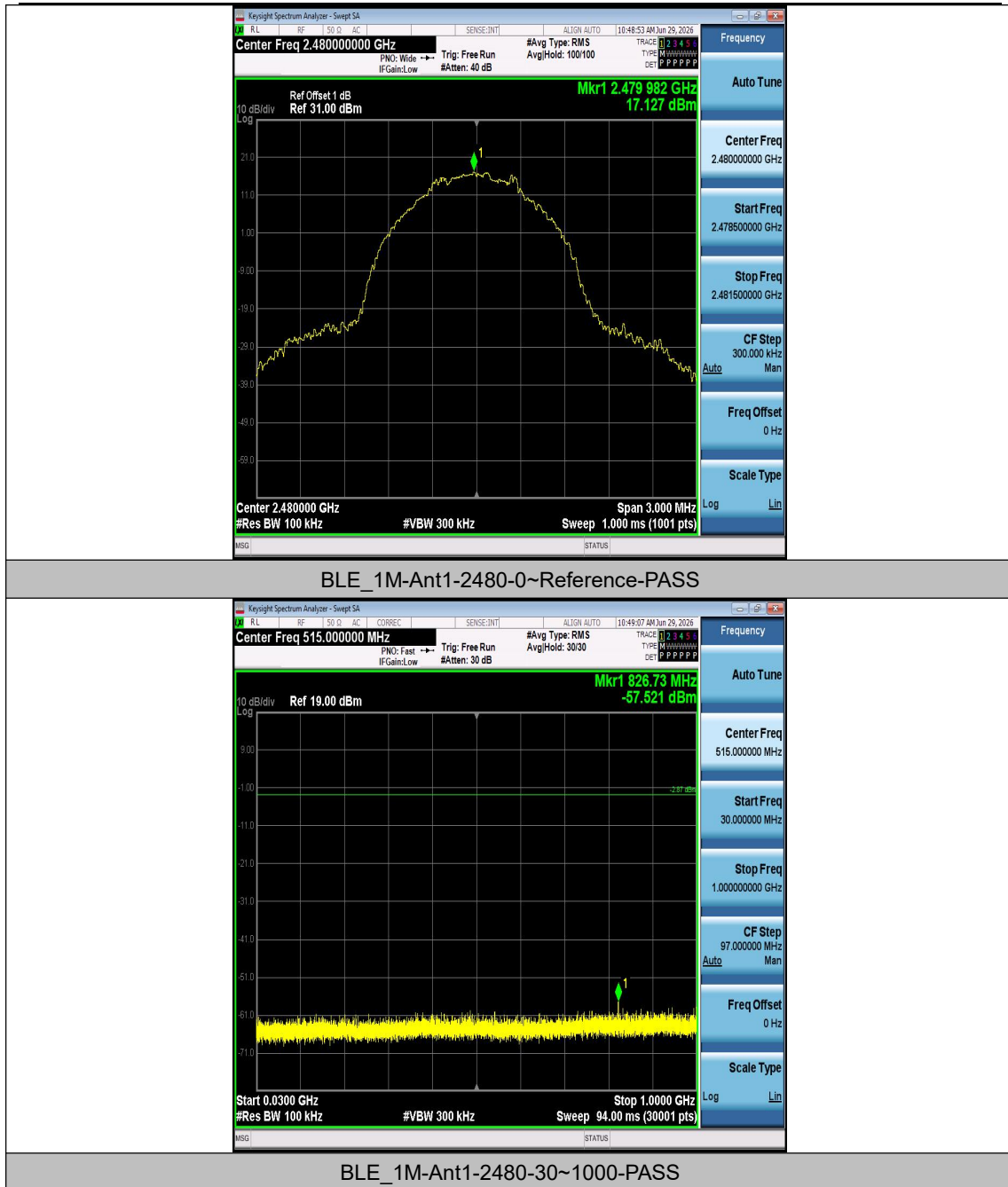
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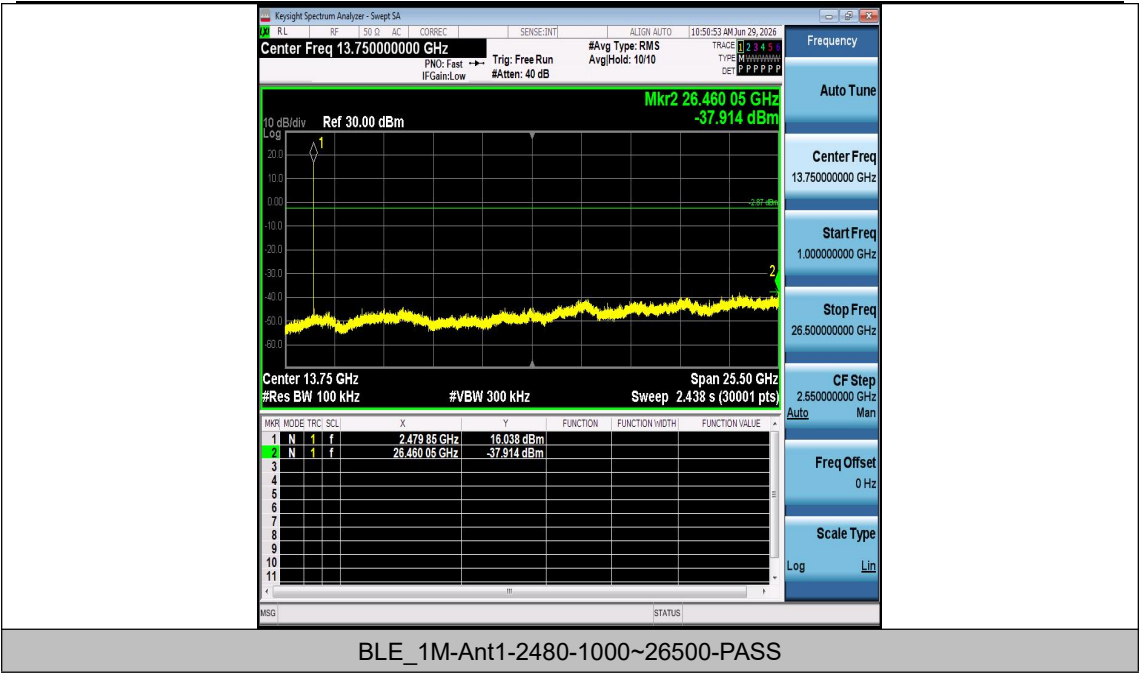
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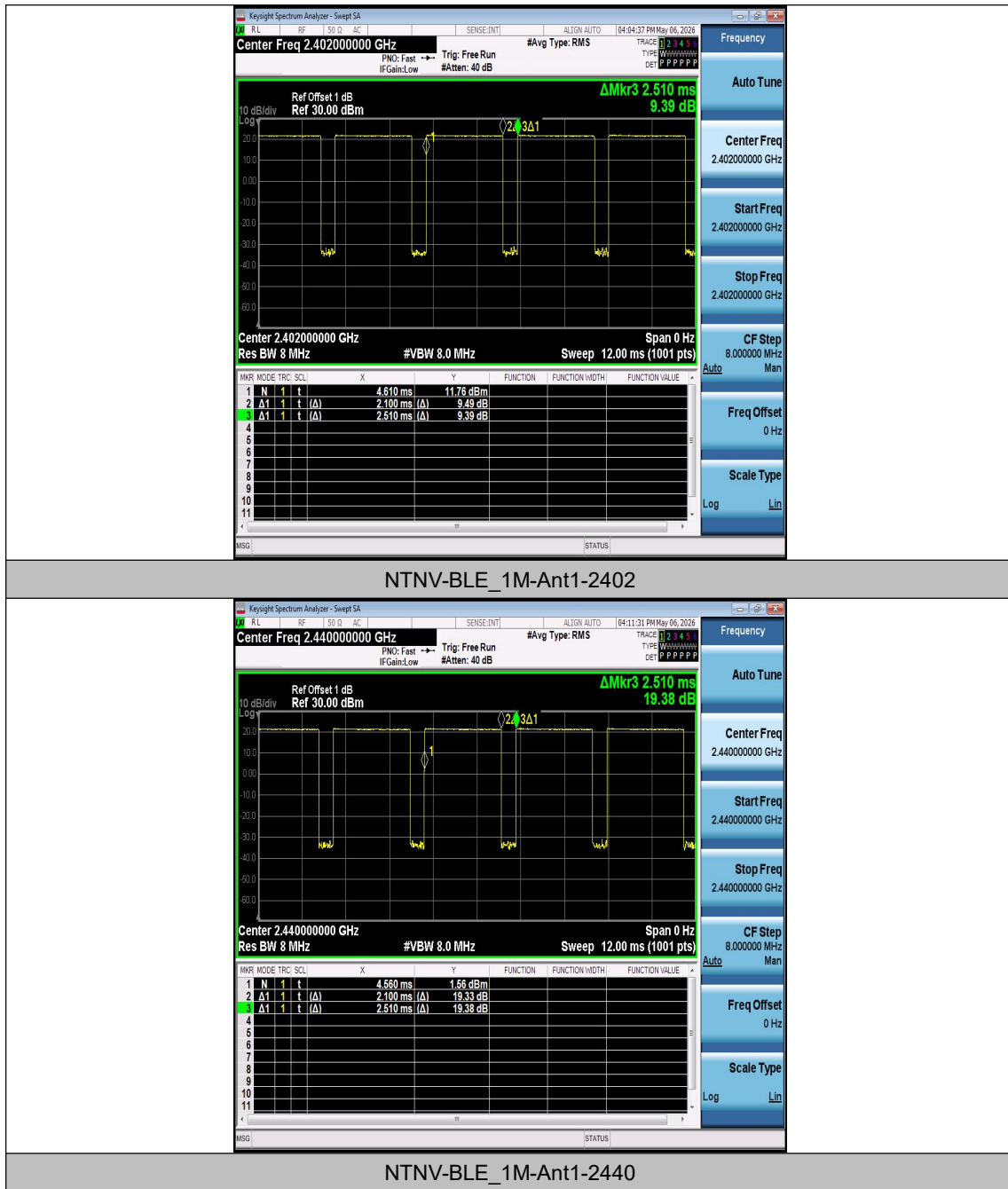
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Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	2.10	2.51	83.67	0.77
BLE_1M	Ant1	2440	2.10	2.51	83.67	0.77
BLE_1M	Ant1	2480	2.10	2.51	83.67	0.77

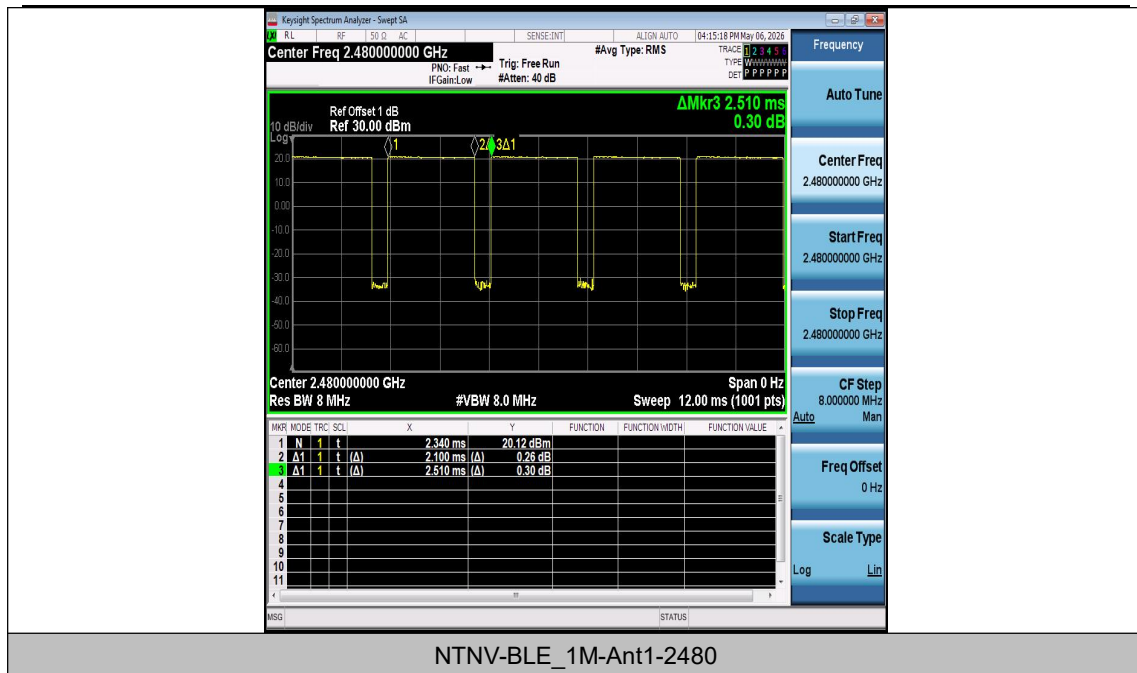
Test Graphs



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NTNV-BLE_1M-Ant1-2480

---End---