

Appendix Test Data_Module2

Report No.:	1812C60179312501-02	Test Sample No.:	1-2-2
Start Test Date:	2026-4-24	Finish Test Date:	2026-4-28
Test Engineer:	<i>Pearl Ao</i>	Auditor:	<i>Justin Feng</i>
Temperature:	23.5°C	Relative Humidity:	60%
Pressure:	101kPa		

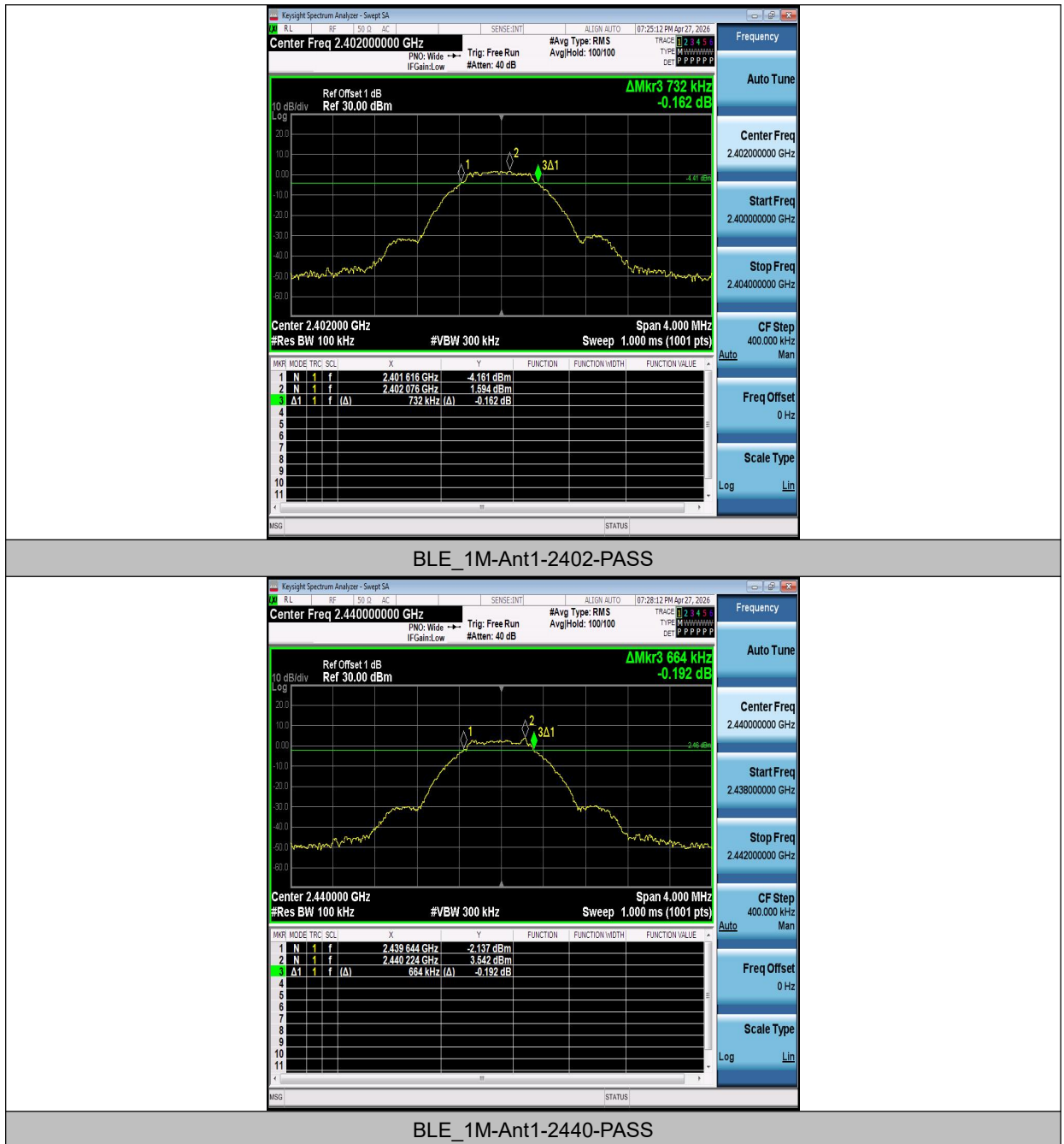


Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.732	2401.616	2402.348	0.5	PASS
BLE_1M	Ant1	2440	0.664	2439.644	2440.308	0.5	PASS
BLE_1M	Ant1	2480	0.660	2479.656	2480.316	0.5	PASS

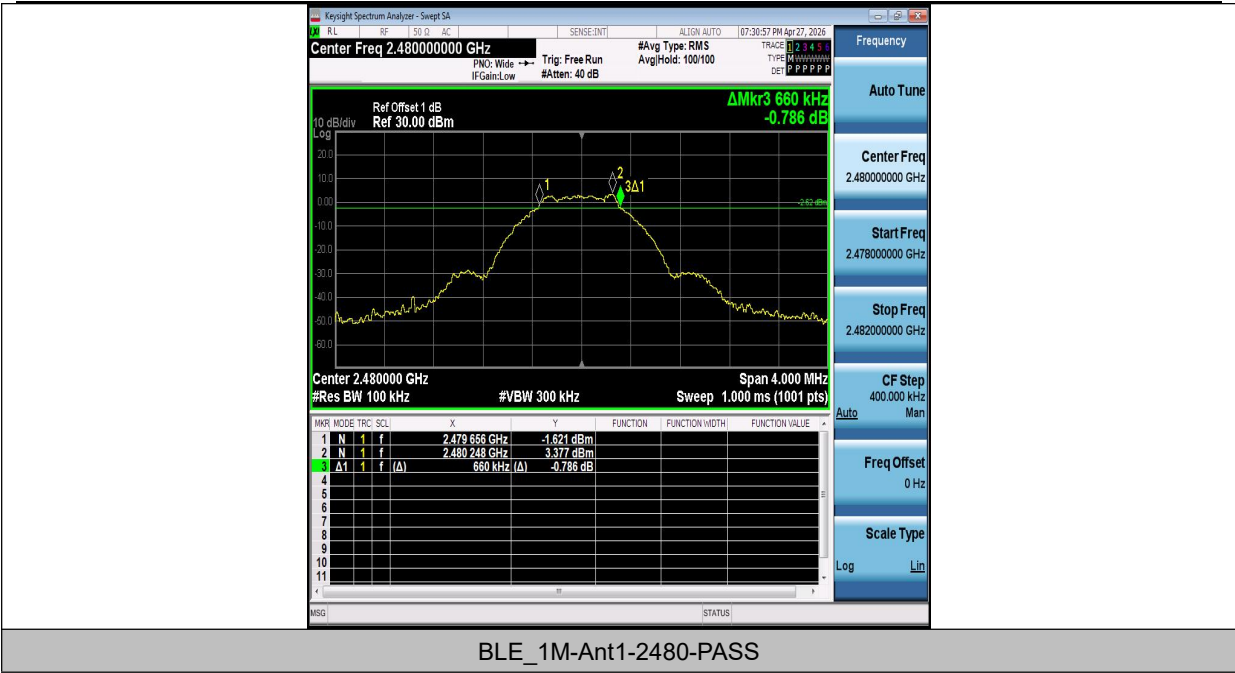
Test Graphs



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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	1.0257	2401.4706	2402.4963	---	---
BLE_1M	Ant1	2440	1.0241	2439.4699	2440.4940	---	---
BLE_1M	Ant1	2480	1.0239	2479.4690	2480.4929	---	---

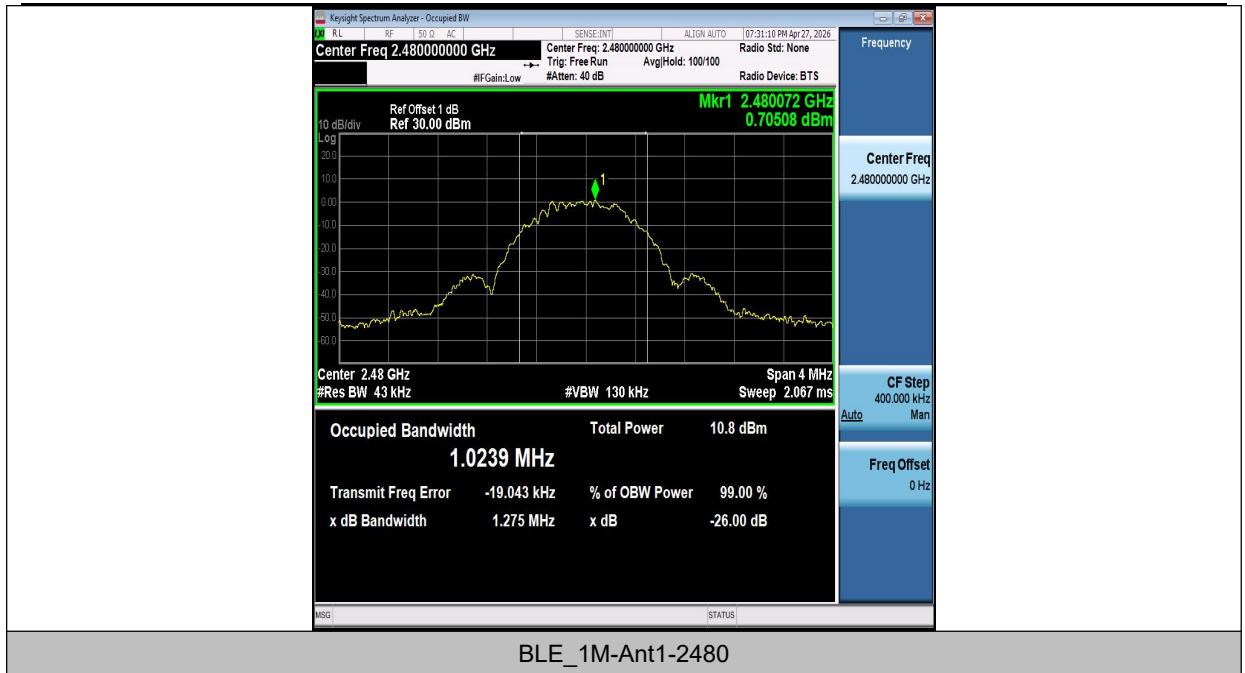
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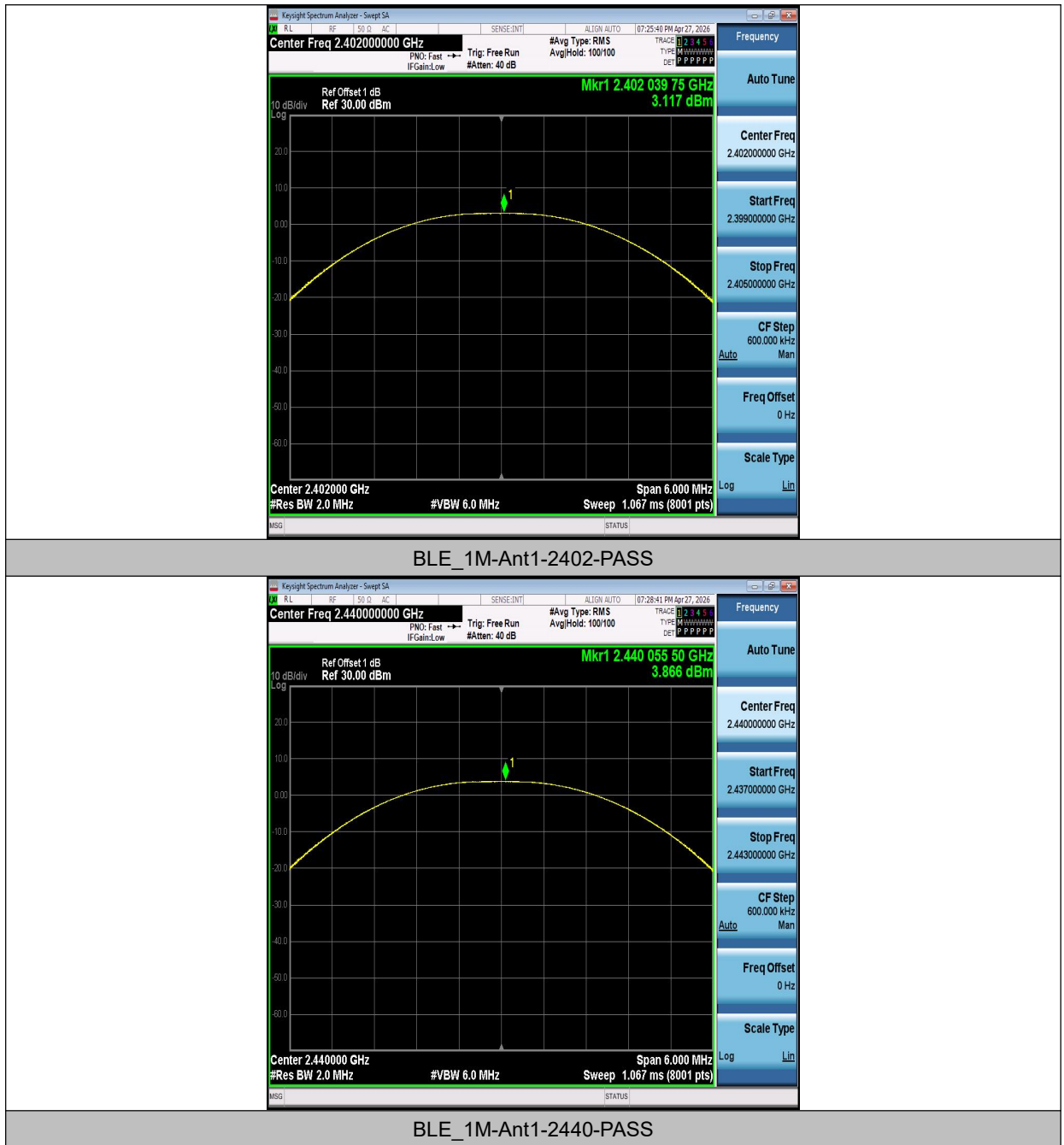
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Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	3.12	≤30	PASS
BLE_1M	Ant1	2440	3.87	≤30	PASS
BLE_1M	Ant1	2480	4.14	≤30	PASS

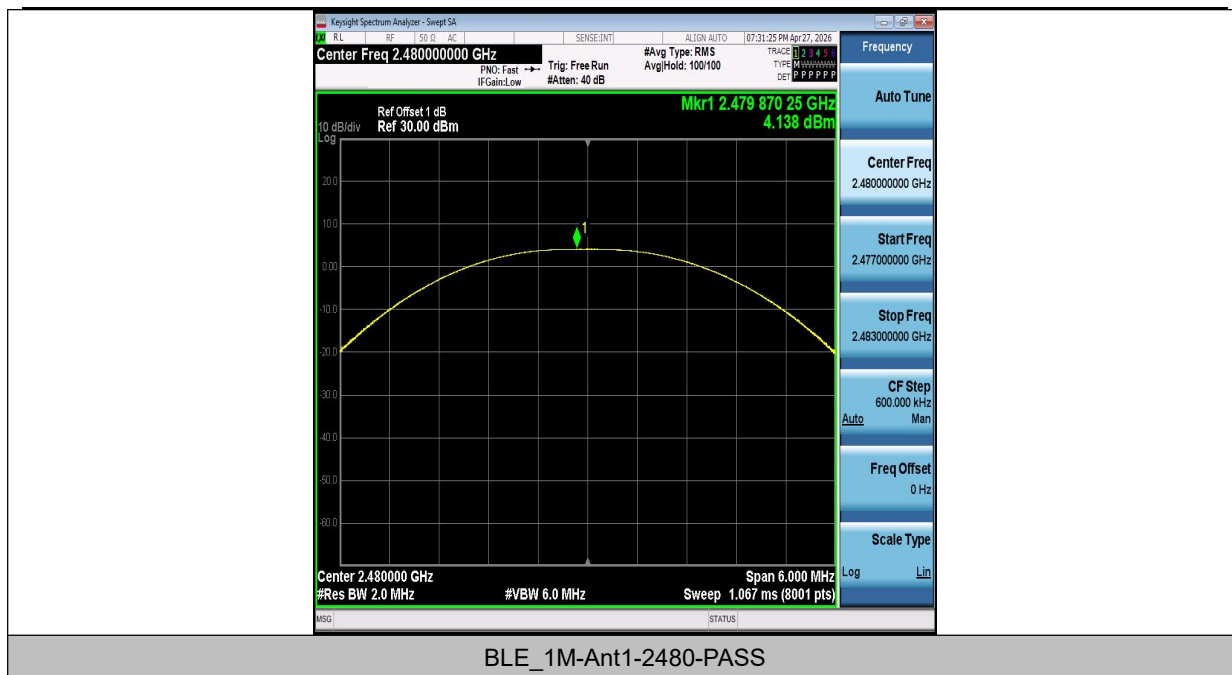
Test Graphs Peak



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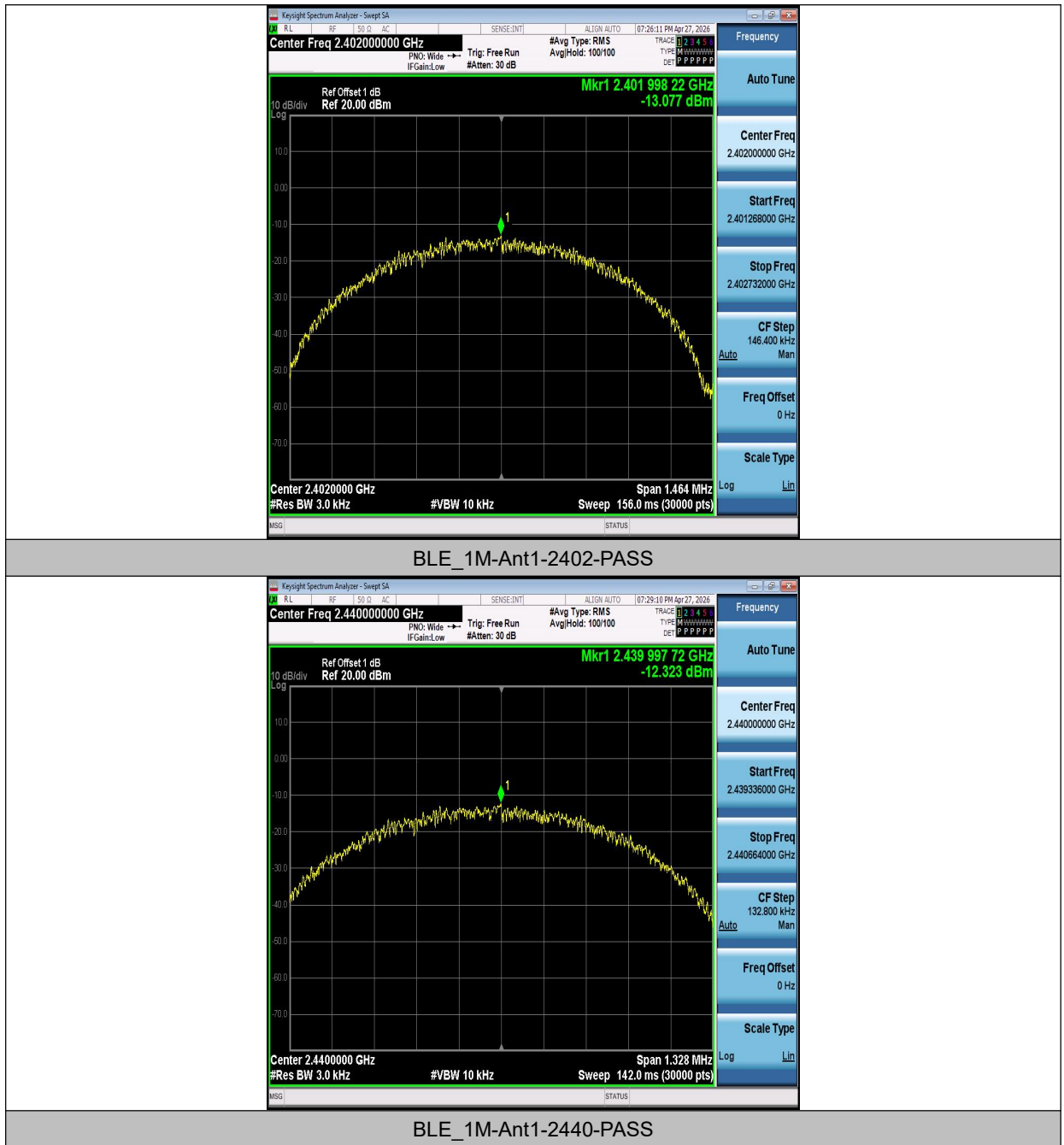
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-13.08	≤8.00	PASS
BLE_1M	Ant1	2440	-12.32	≤8.00	PASS
BLE_1M	Ant1	2480	-11.96	≤8.00	PASS

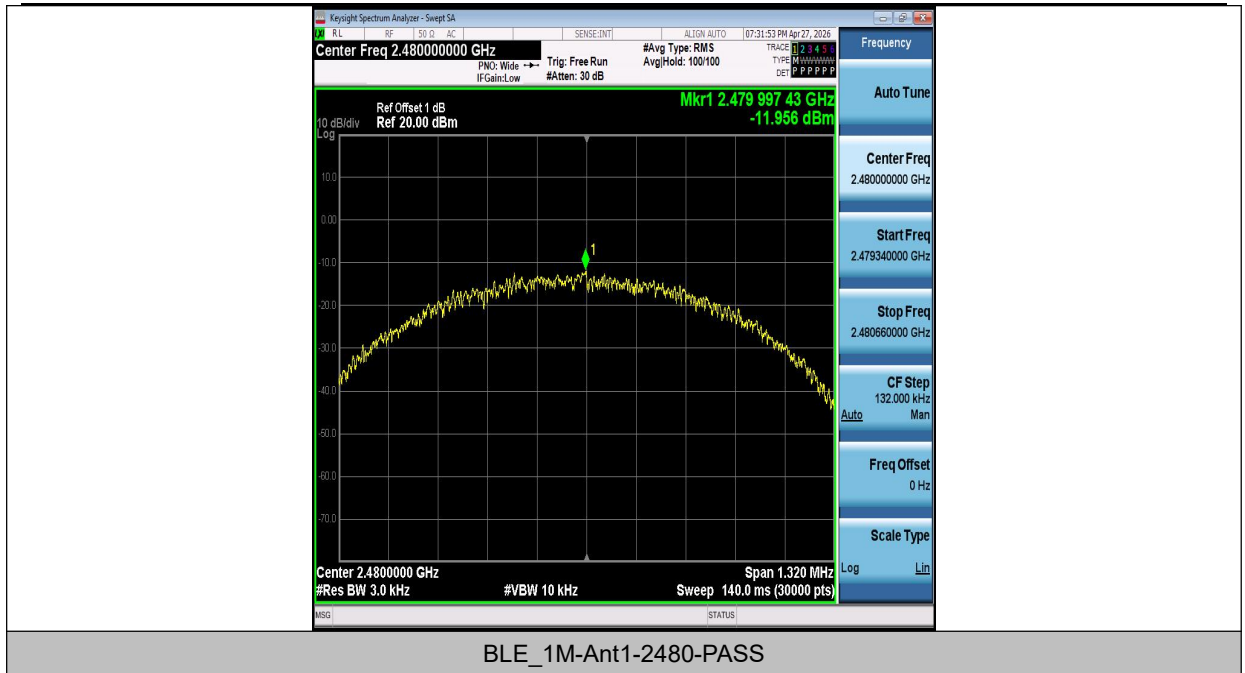
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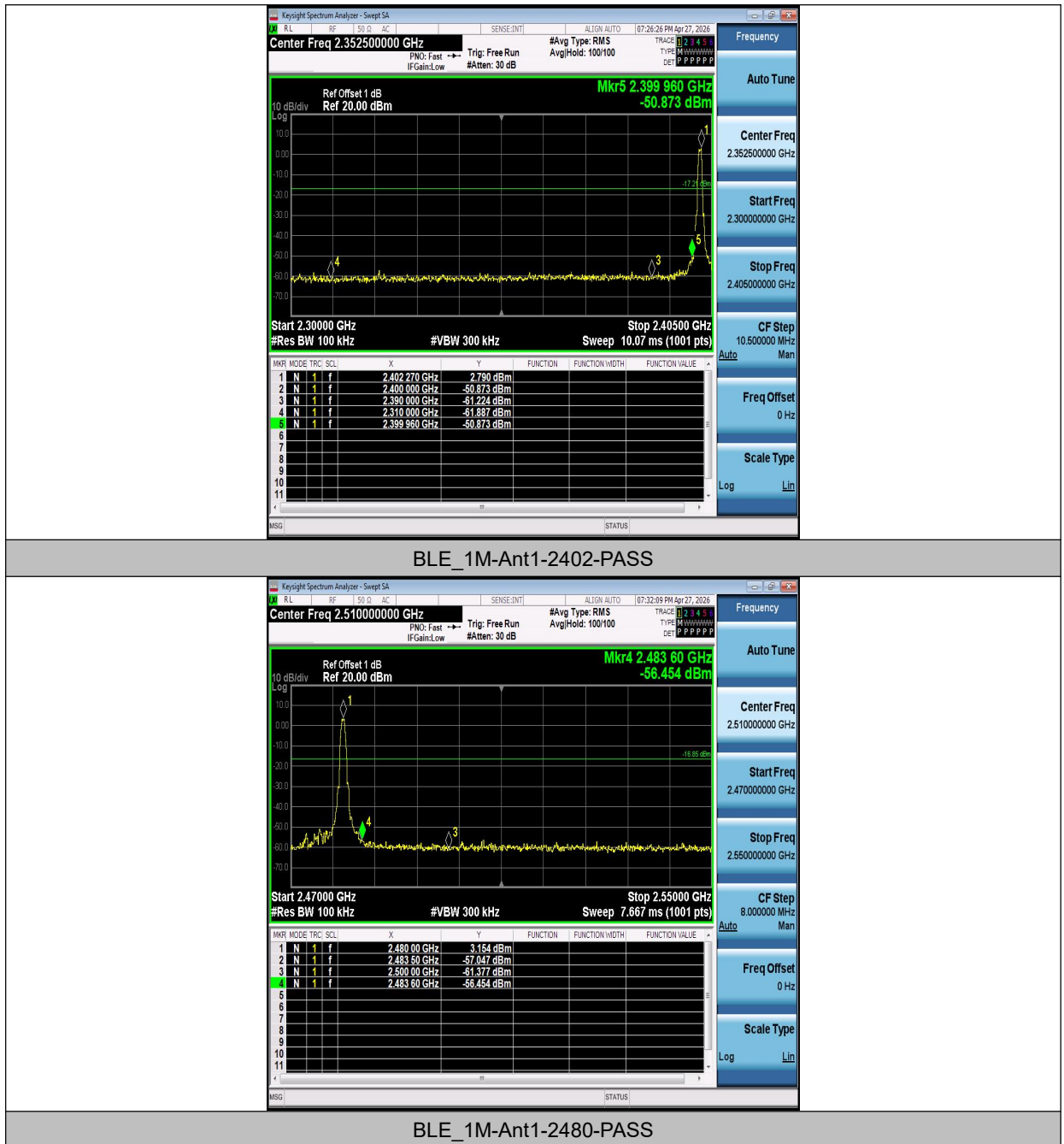
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	2.79	-50.87	≤-17.21	PASS
BLE_1M	Ant1	High	2480	3.15	-56.45	≤-16.85	PASS

Test Graphs



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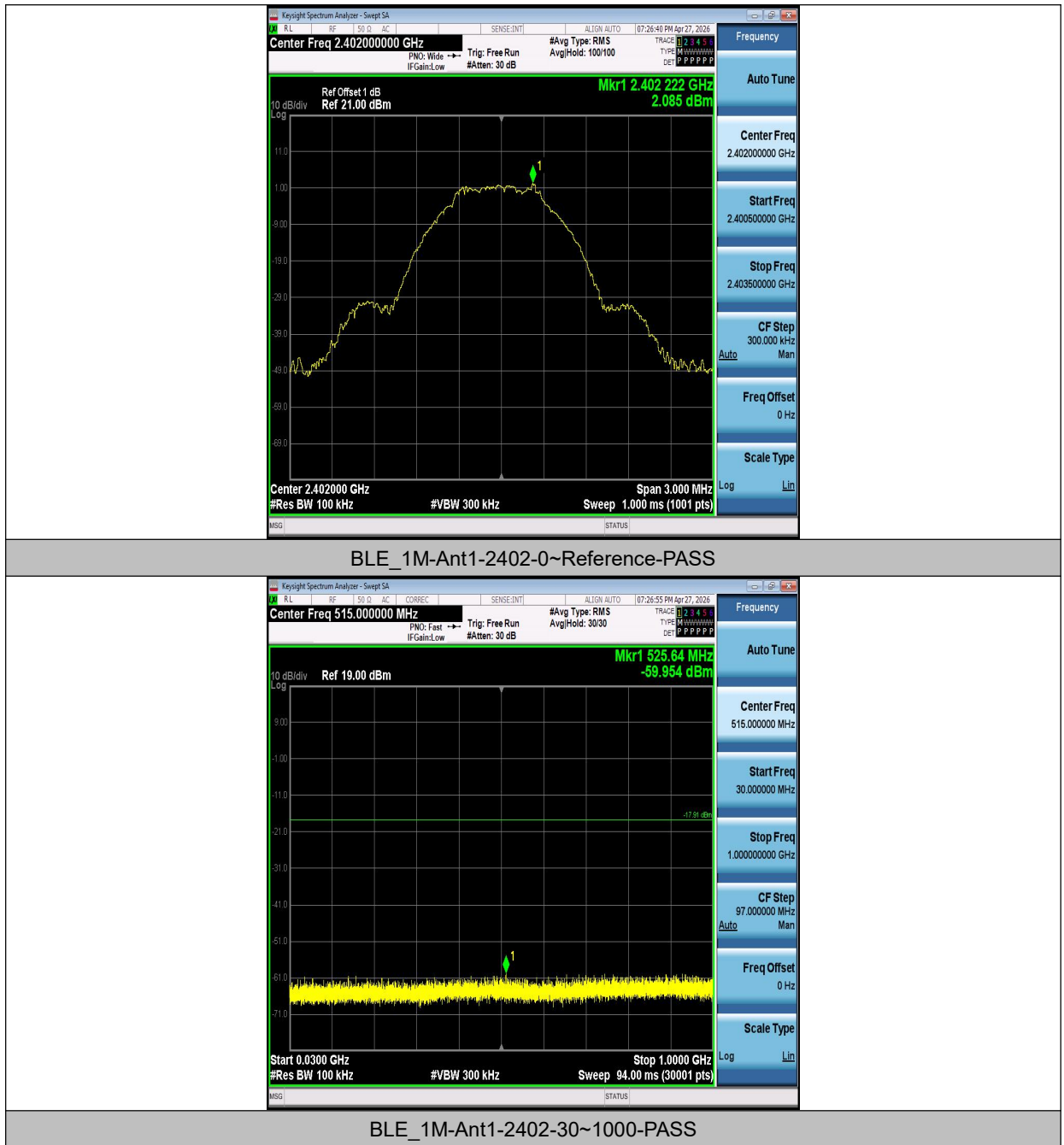
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	2.09	2.09	---	PASS
BLE_1M	Ant1	2402	30~1000	2.09	-59.95	≤-17.91	PASS
BLE_1M	Ant1	2402	1000~26500	2.09	-40.52	≤-17.91	PASS
BLE_1M	Ant1	2440	0~Reference	3.38	3.38	---	PASS
BLE_1M	Ant1	2440	30~1000	3.38	-58.52	≤-16.62	PASS
BLE_1M	Ant1	2440	1000~26500	3.38	-41.58	≤-16.62	PASS
BLE_1M	Ant1	2480	0~Reference	3.82	3.82	---	PASS
BLE_1M	Ant1	2480	30~1000	3.82	-59.36	≤-16.18	PASS
BLE_1M	Ant1	2480	1000~26500	3.82	-38.19	≤-16.18	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.

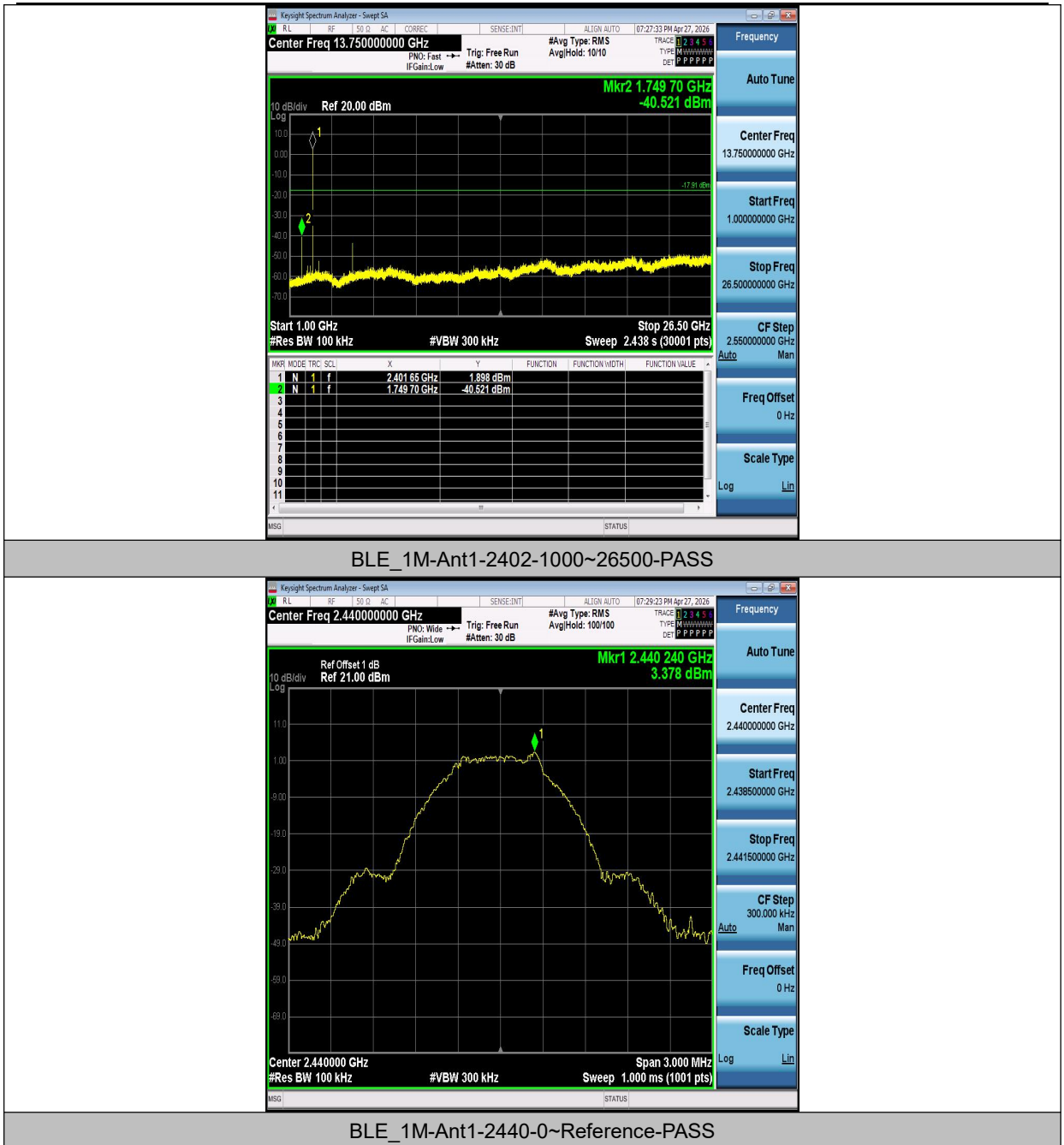
Test Graphs



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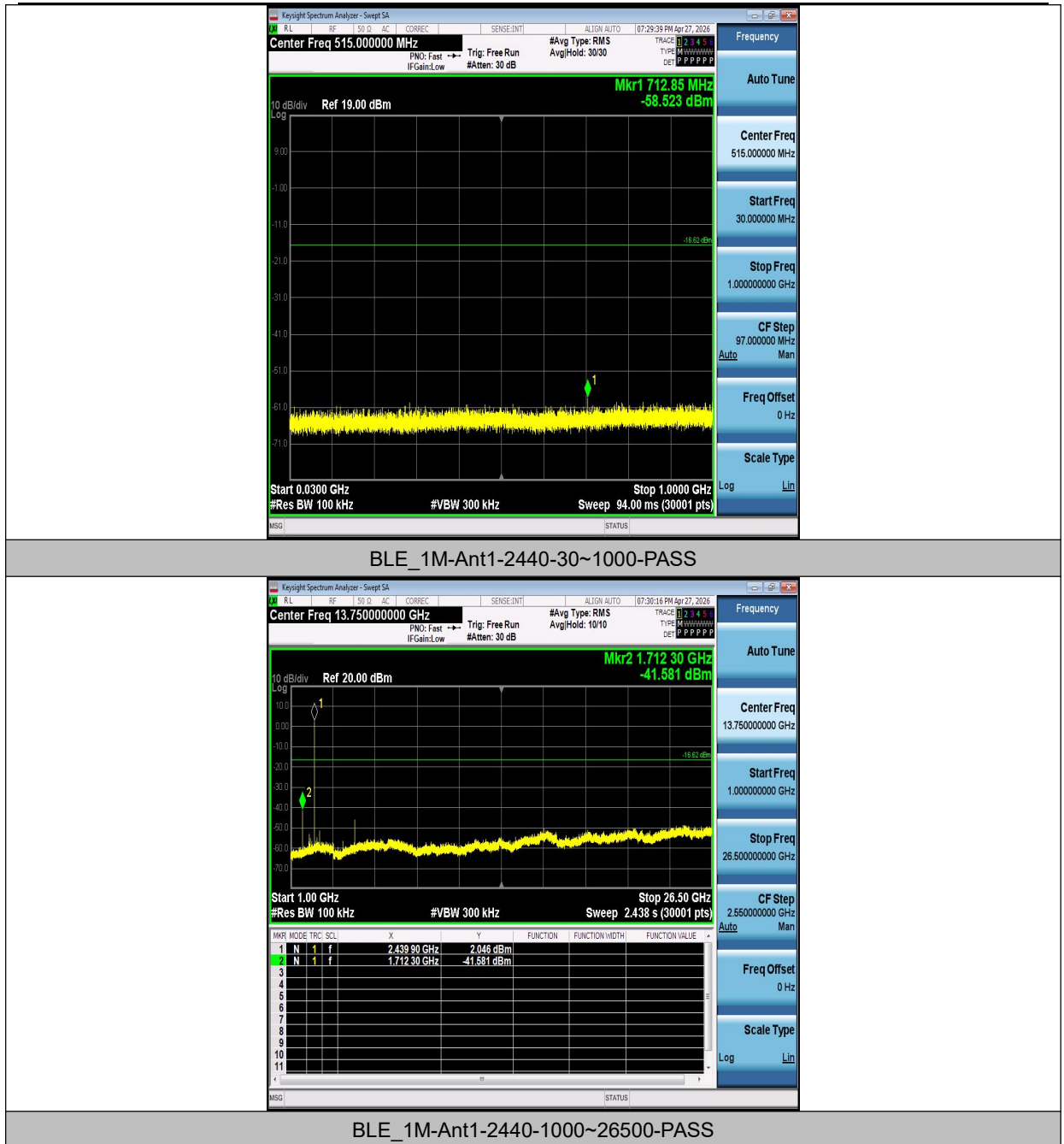
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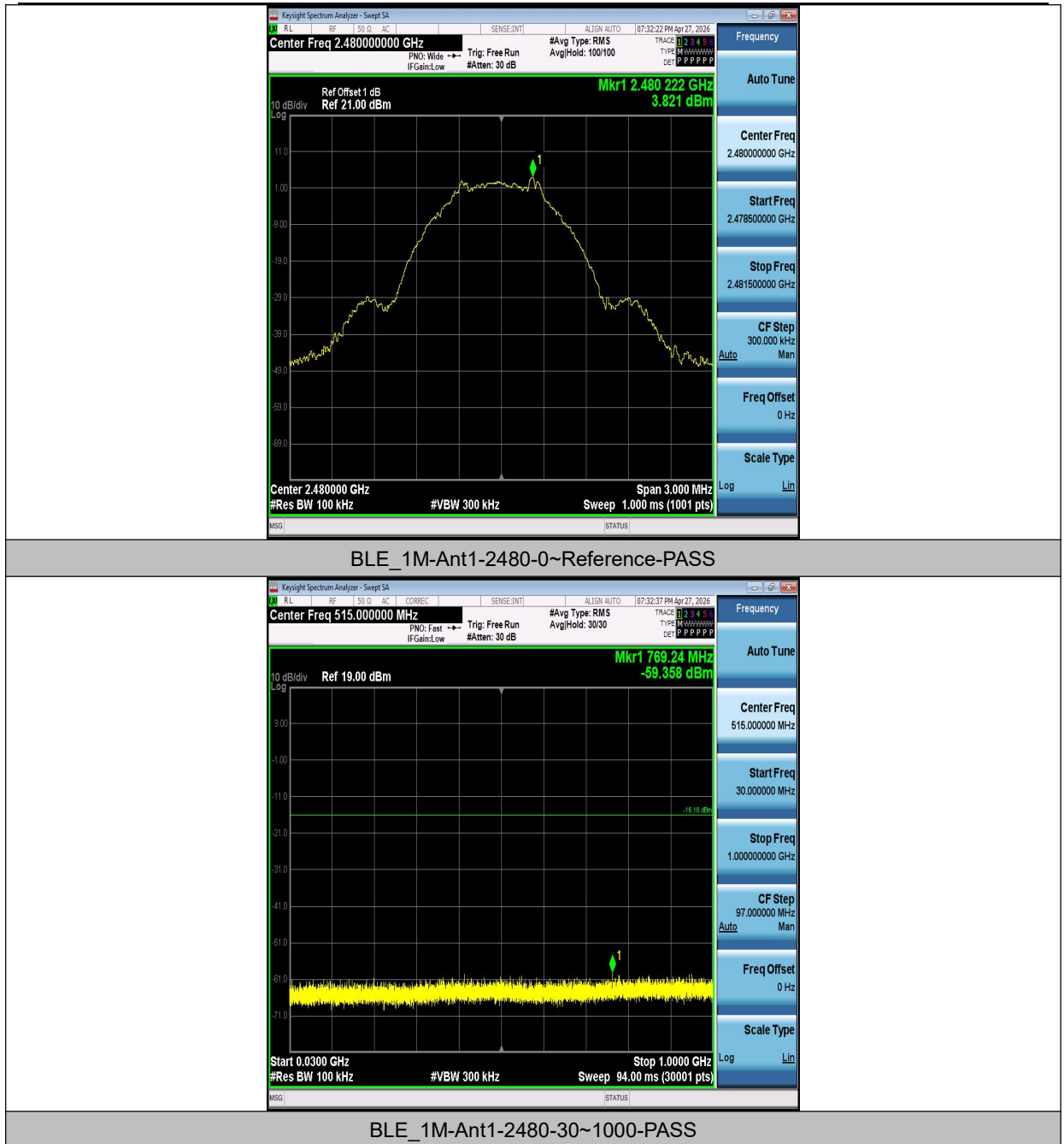
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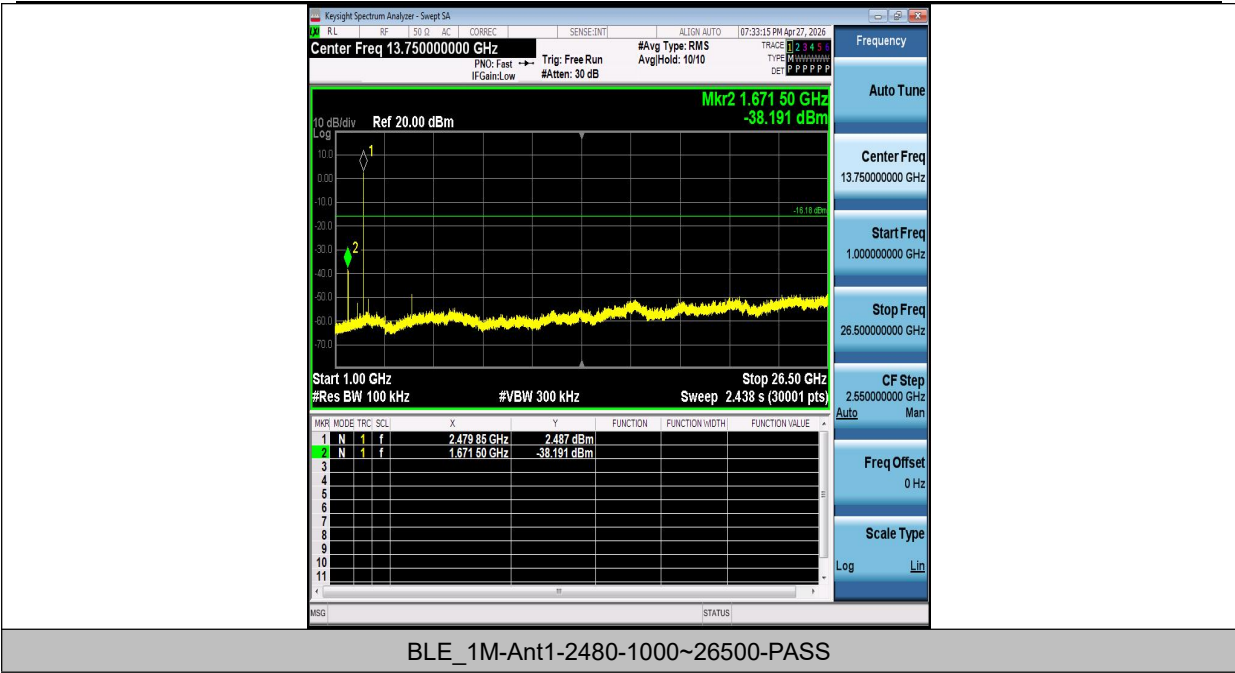
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Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	2.12	2.51	84.46	0.73
BLE_1M	Ant1	2440	2.11	2.49	84.74	0.72
BLE_1M	Ant1	2480	2.12	2.51	84.46	0.73

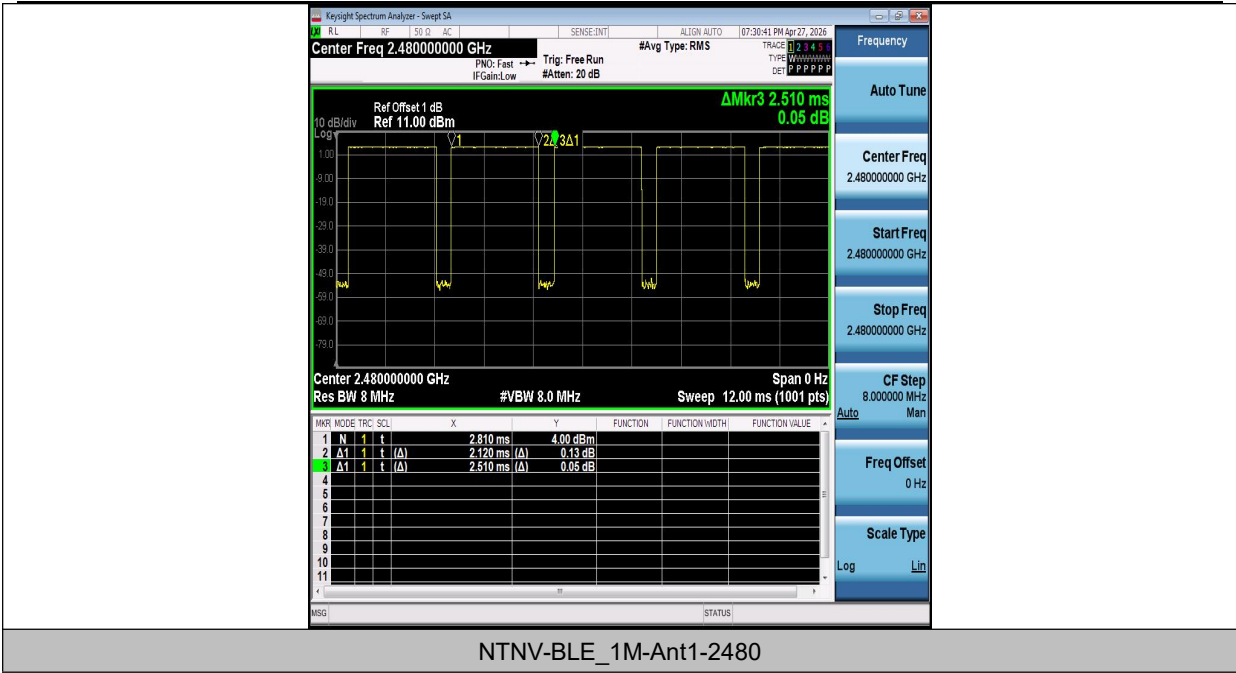
Test Graphs



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NTNV-BLE_1M-Ant1-2480

---End---