

Appendix Test Data_Module1

Report No.:	1812C60179312501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-4-3	Finish Test Date:	2026-4-7
Test Engineer:	<i>Pearl Ao</i>	Auditor:	<i>Justin Feng</i>
Temperature:	24.8°C	Relative Humidity:	58%
Pressure:	101kPa		

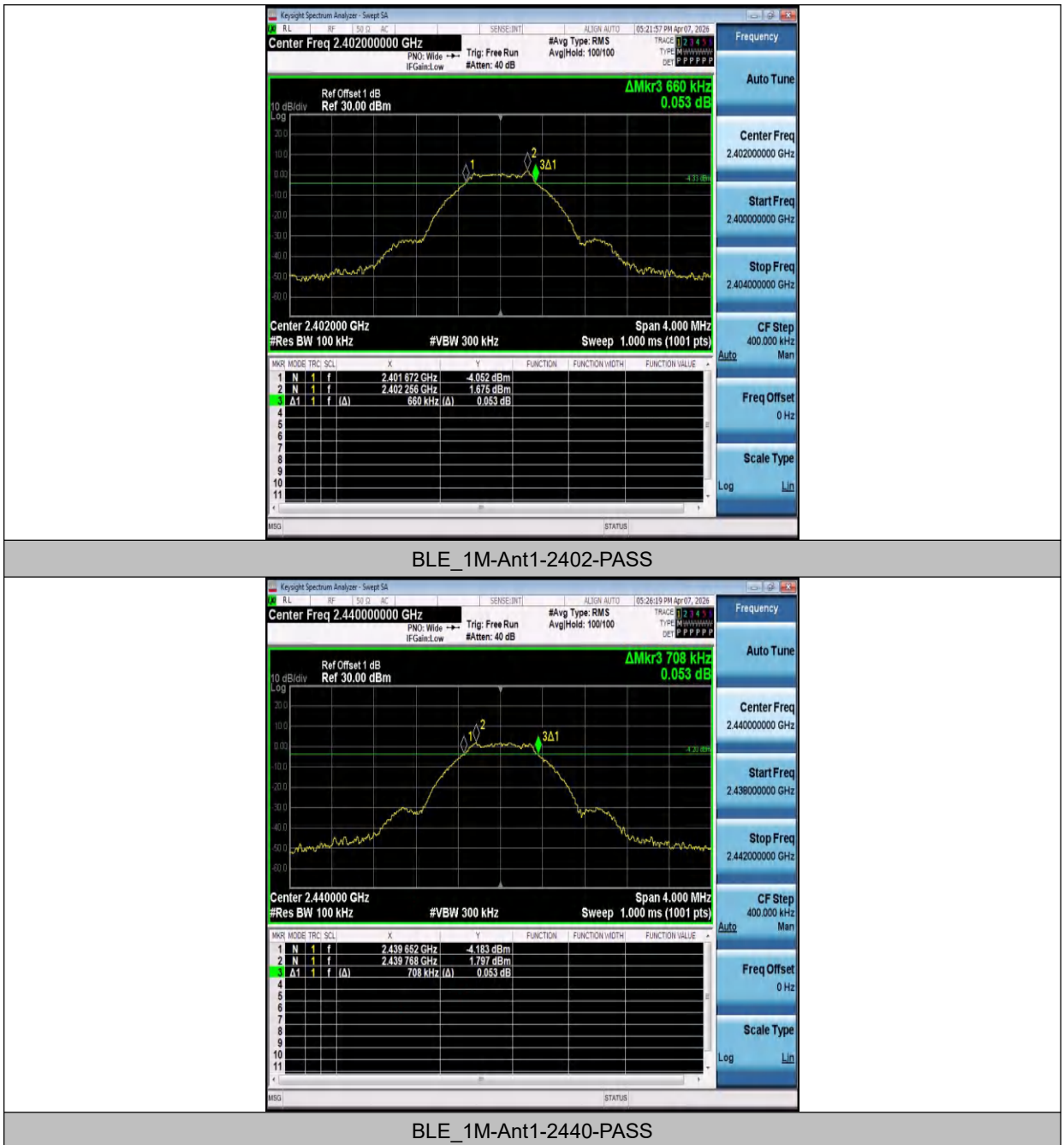


Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.660	2401.672	2402.332	0.5	PASS
BLE_1M	Ant1	2440	0.708	2439.652	2440.360	0.5	PASS
BLE_1M	Ant1	2480	0.696	2479.652	2480.348	0.5	PASS

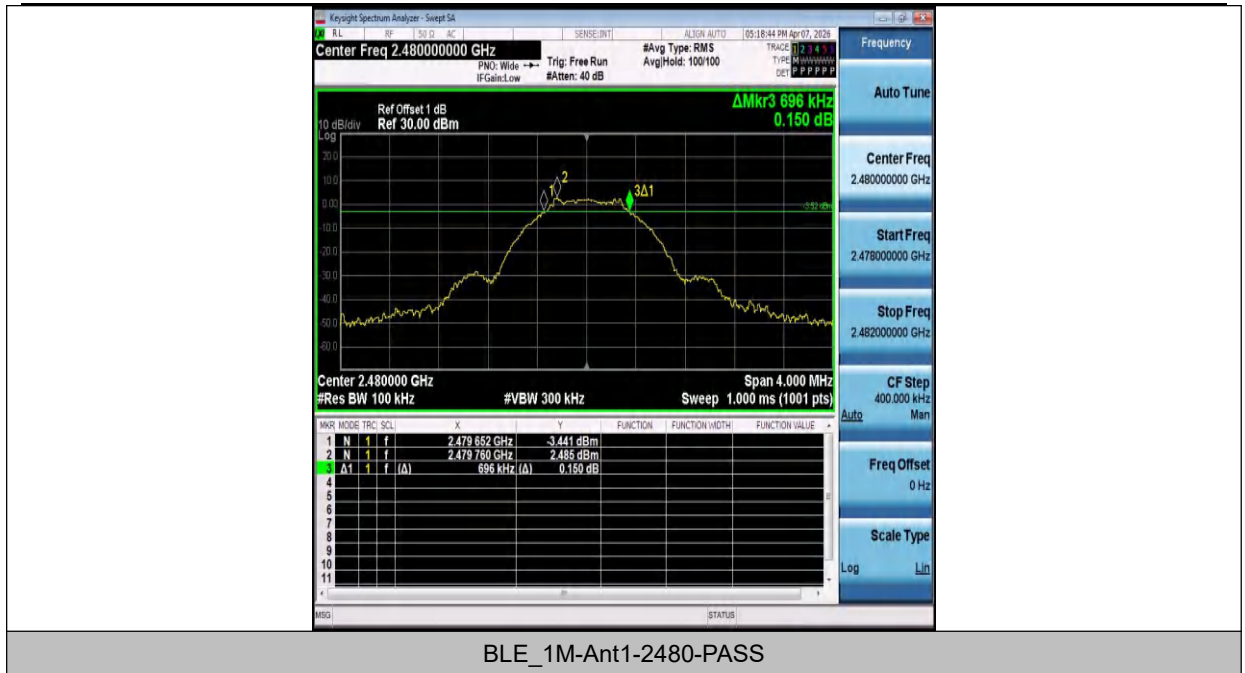
Test Graphs



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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	1.0219	2401.4972	2402.5191	---	---
BLE_1M	Ant1	2440	1.0286	2439.4931	2440.5217	---	---
BLE_1M	Ant1	2480	1.0159	2479.4982	2480.5141	---	---

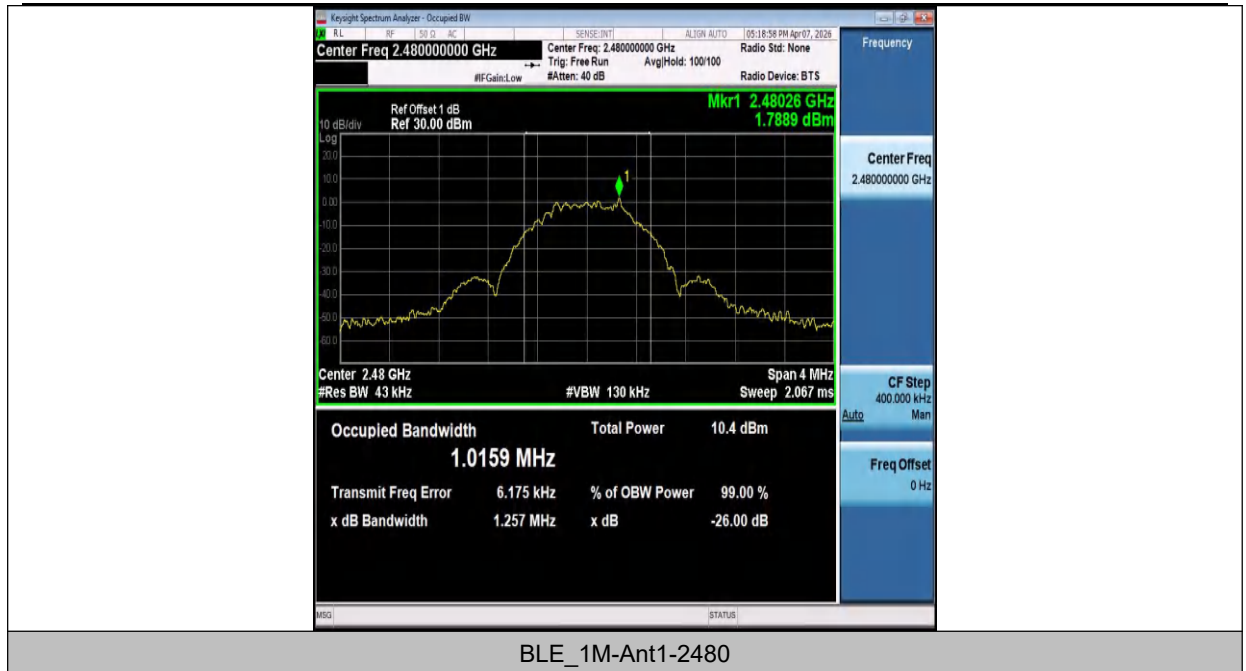
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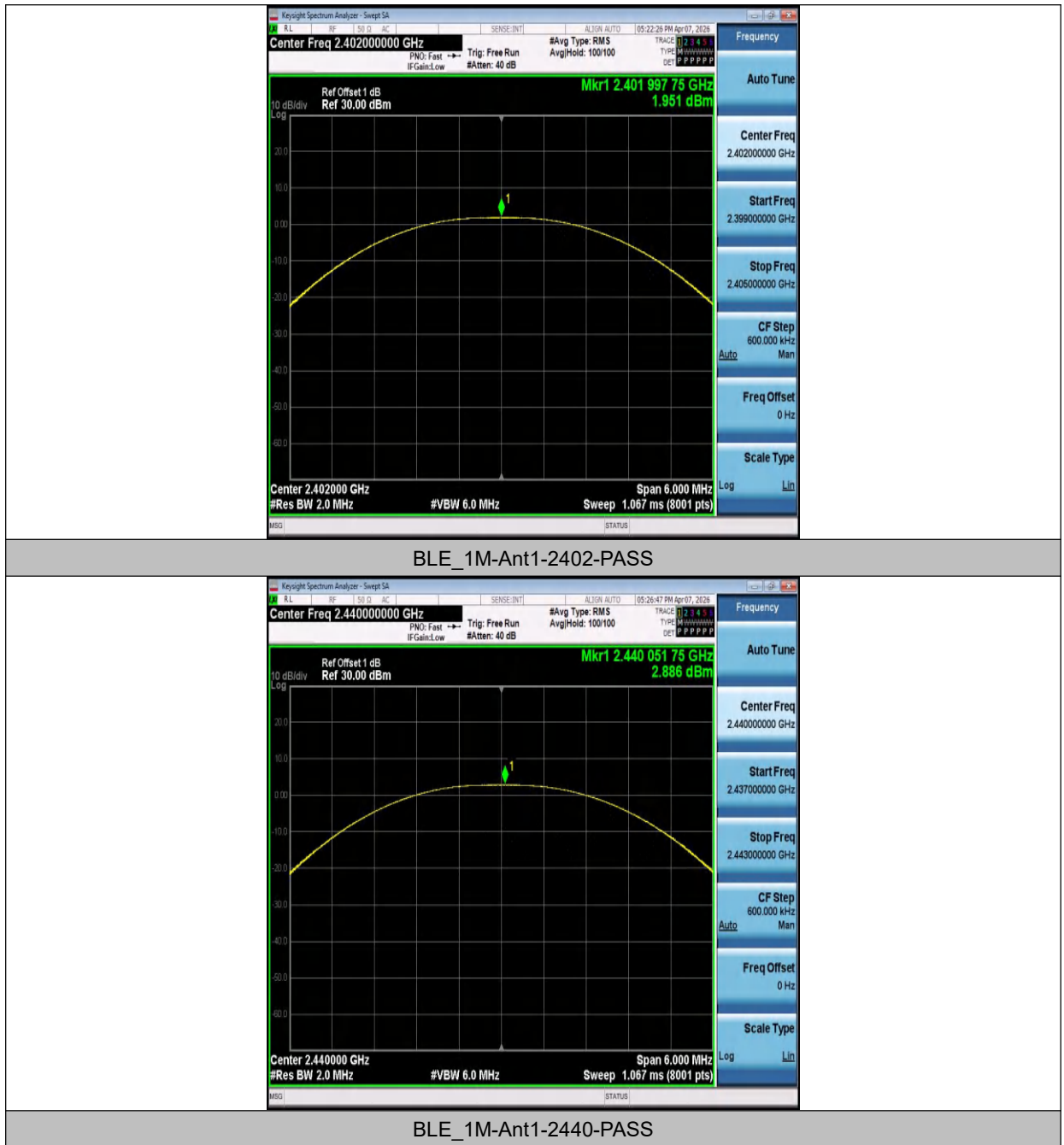
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Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	1.95	≤30	PASS
BLE_1M	Ant1	2440	2.89	≤30	PASS
BLE_1M	Ant1	2480	3.58	≤30	PASS

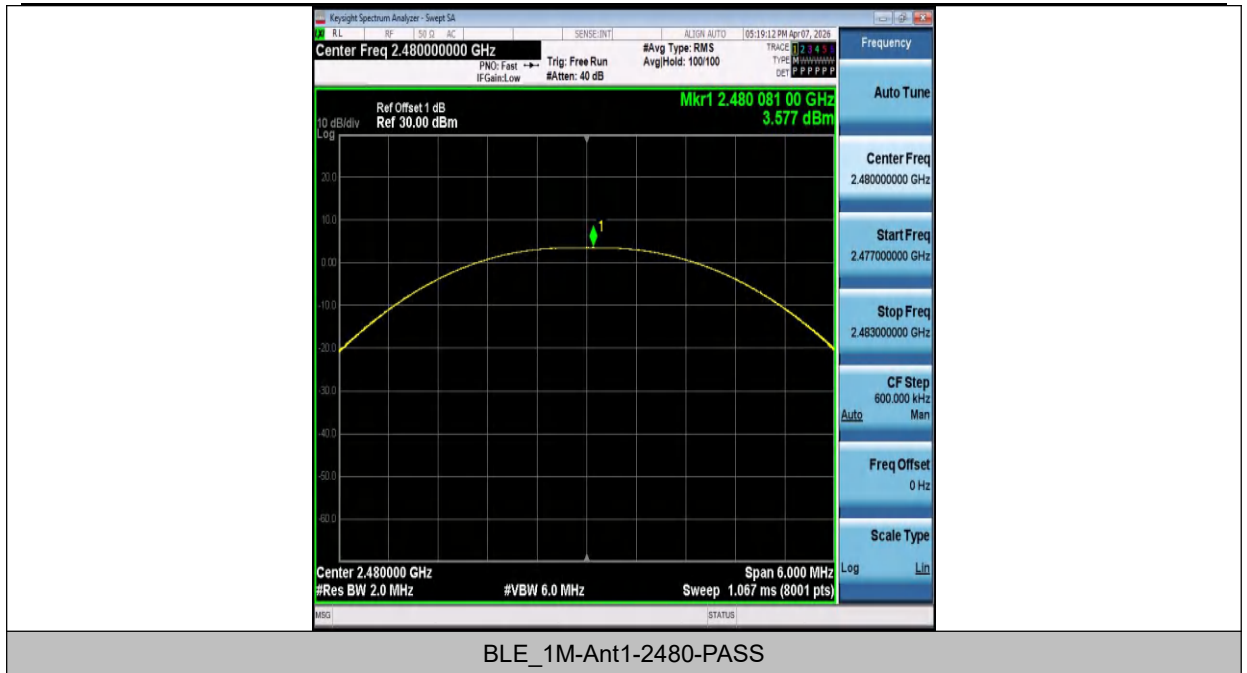
Test Graphs Peak



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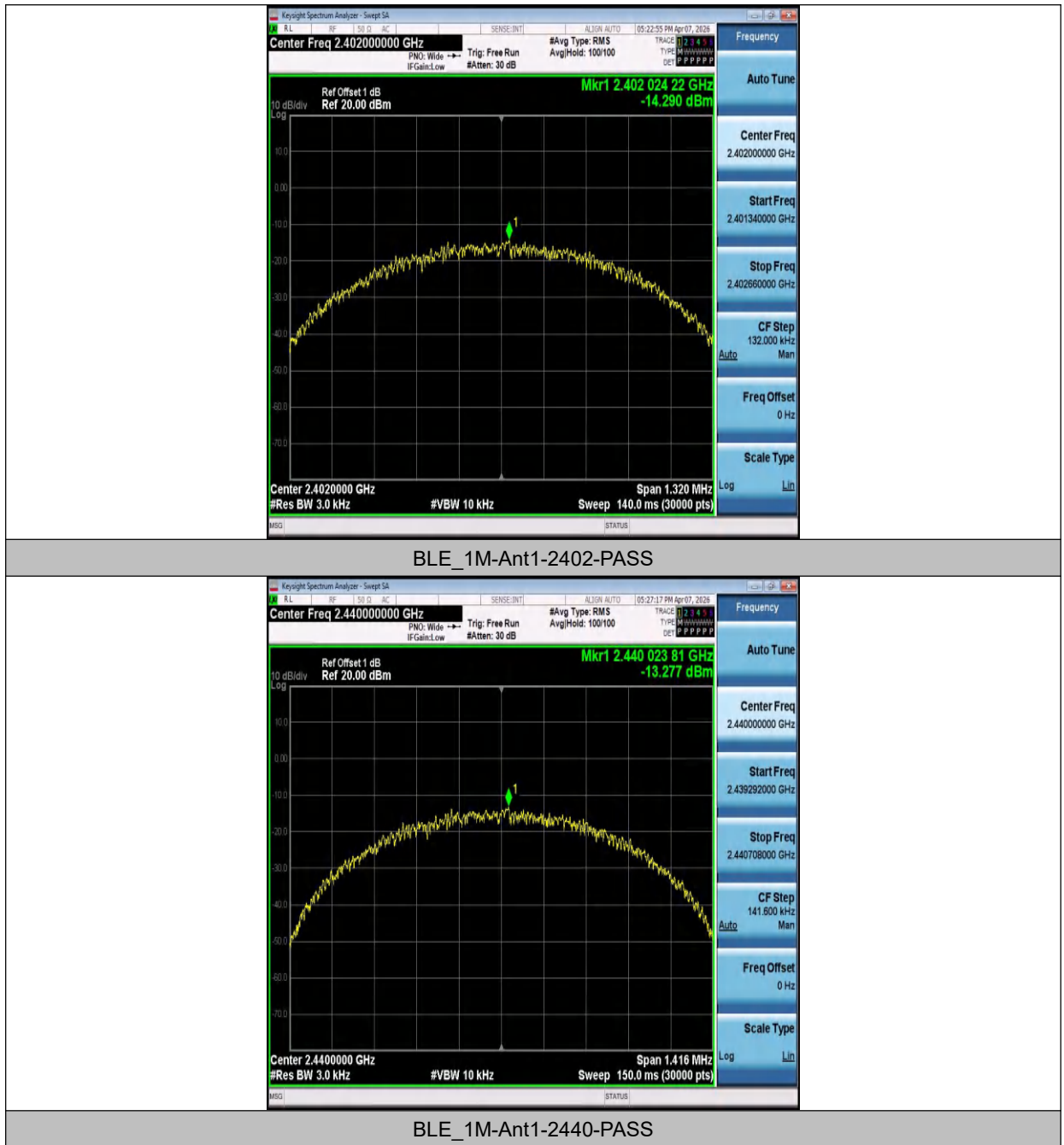
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-14.29	≤8.00	PASS
BLE_1M	Ant1	2440	-13.28	≤8.00	PASS
BLE_1M	Ant1	2480	-12.56	≤8.00	PASS

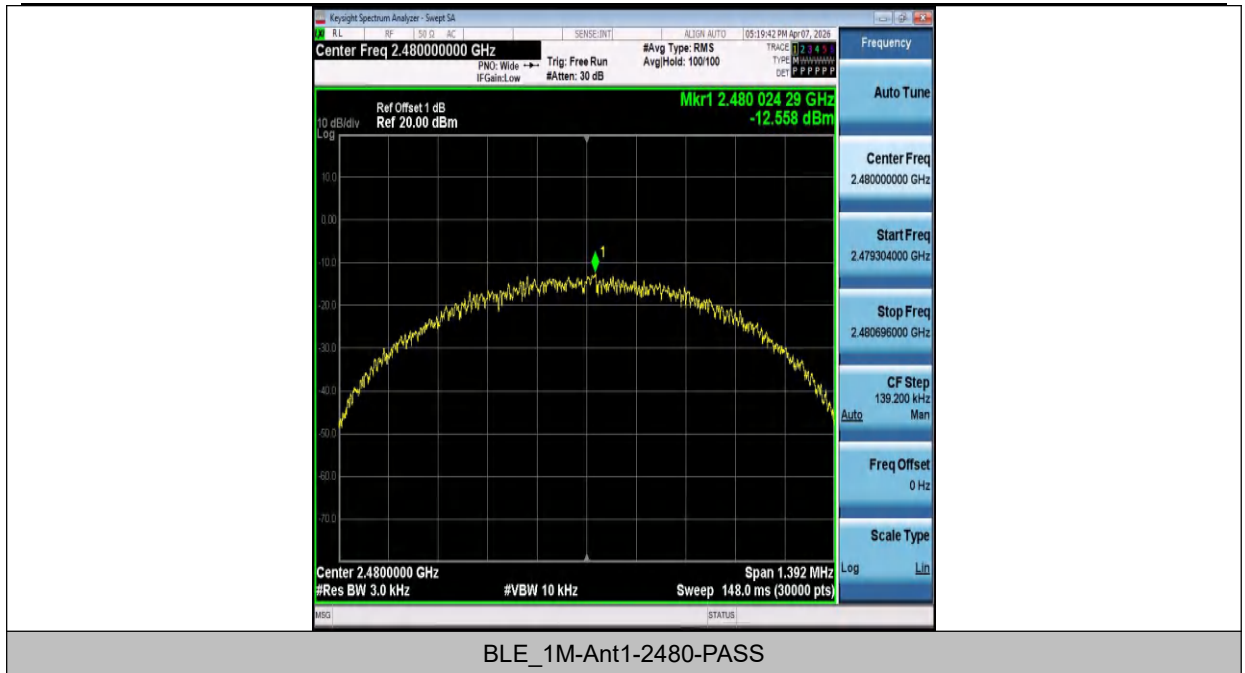
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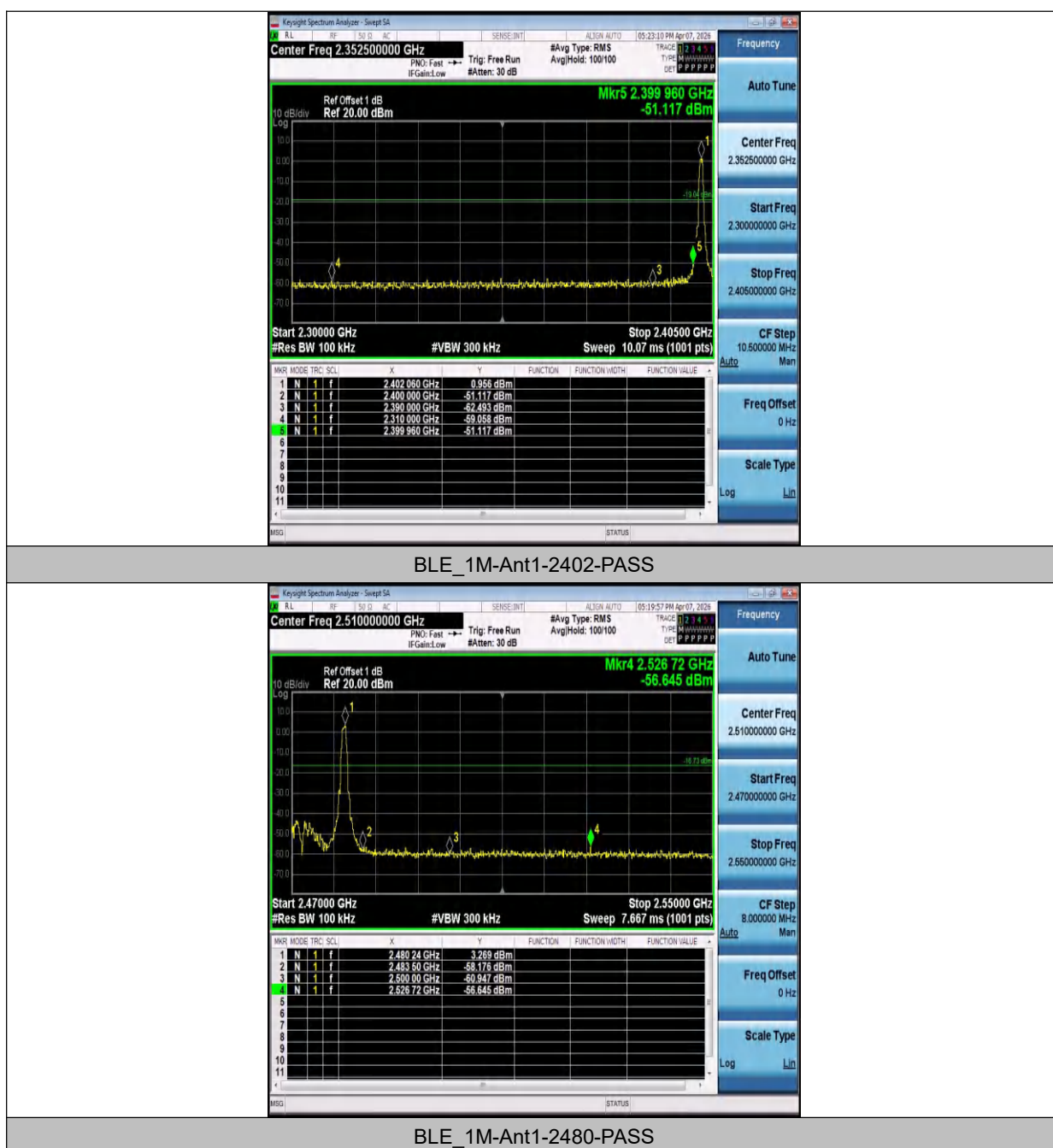
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	0.96	-51.12	≤-19.04	PASS
BLE_1M	Ant1	High	2480	3.27	-56.65	≤-16.73	PASS

Test Graphs



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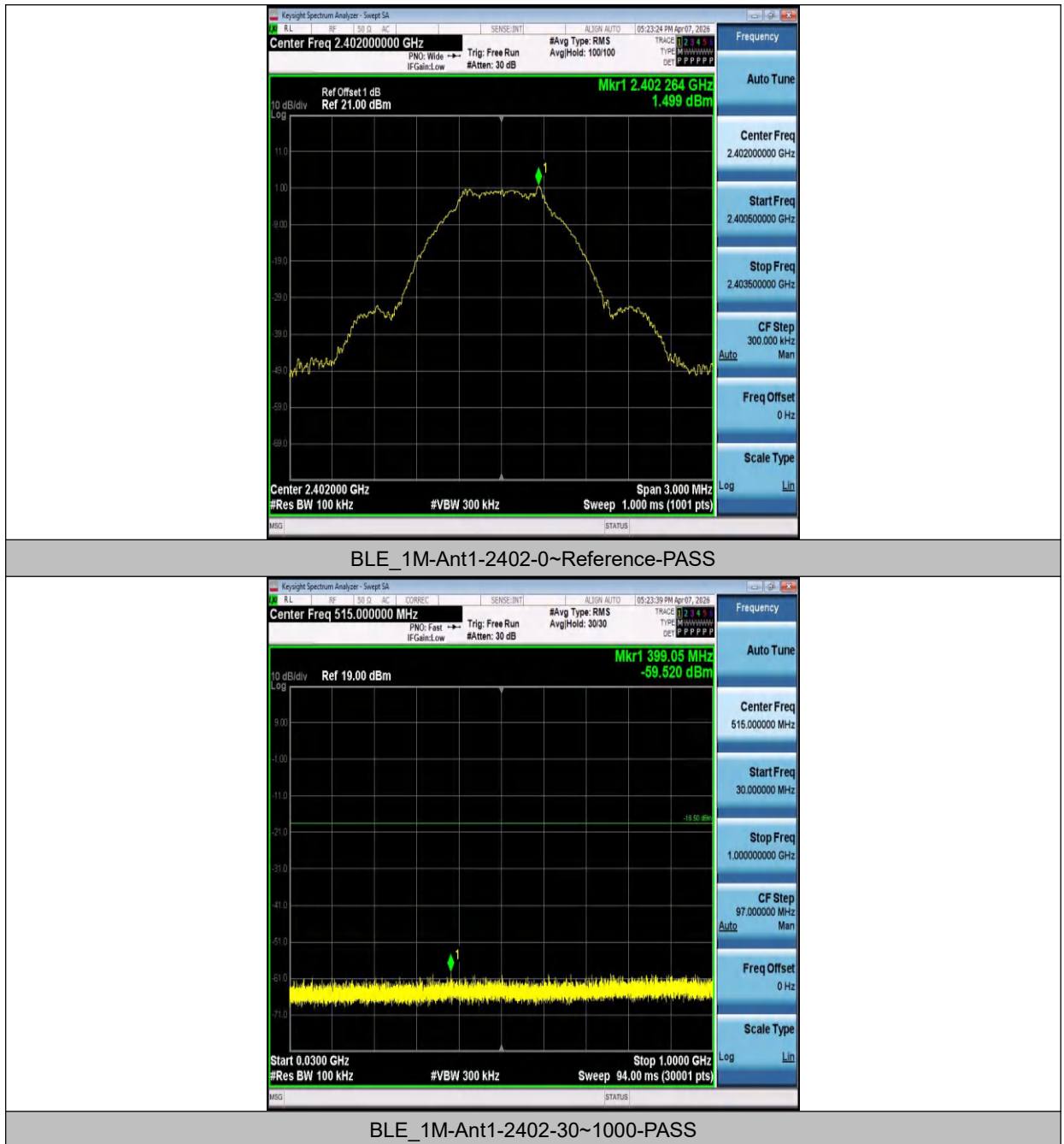
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	1.50	1.50	---	PASS
BLE_1M	Ant1	2402	30~1000	1.50	-59.52	≤-18.5	PASS
BLE_1M	Ant1	2402	1000~26500	1.50	-47.27	≤-18.5	PASS
BLE_1M	Ant1	2440	0~Reference	1.83	1.83	---	PASS
BLE_1M	Ant1	2440	30~1000	1.83	-59.48	≤-18.17	PASS
BLE_1M	Ant1	2440	1000~26500	1.83	-48.11	≤-18.17	PASS
BLE_1M	Ant1	2480	0~Reference	2.52	2.52	---	PASS
BLE_1M	Ant1	2480	30~1000	2.52	-58.26	≤-17.48	PASS
BLE_1M	Ant1	2480	1000~26500	2.52	-48.75	≤-17.48	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.

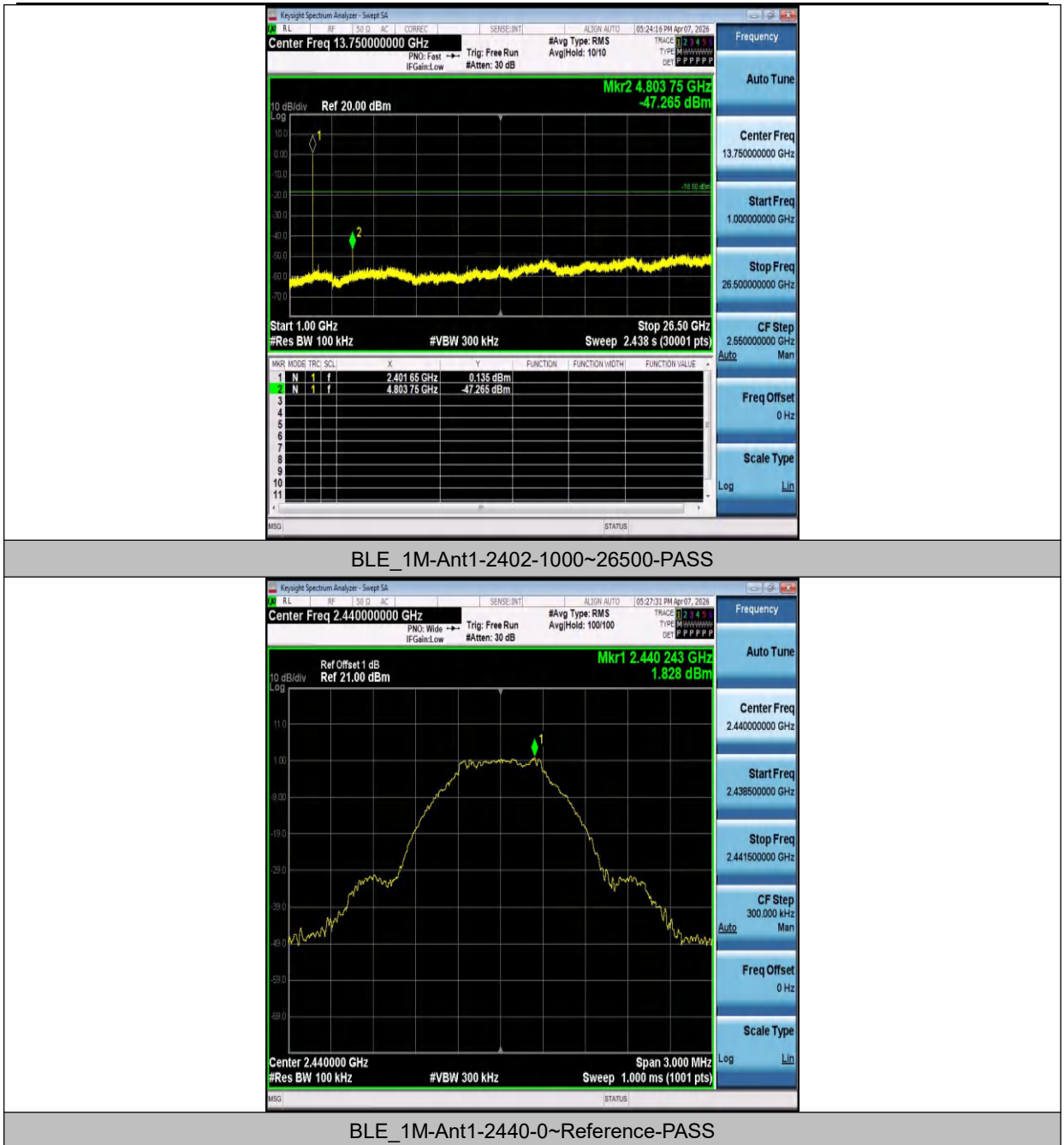
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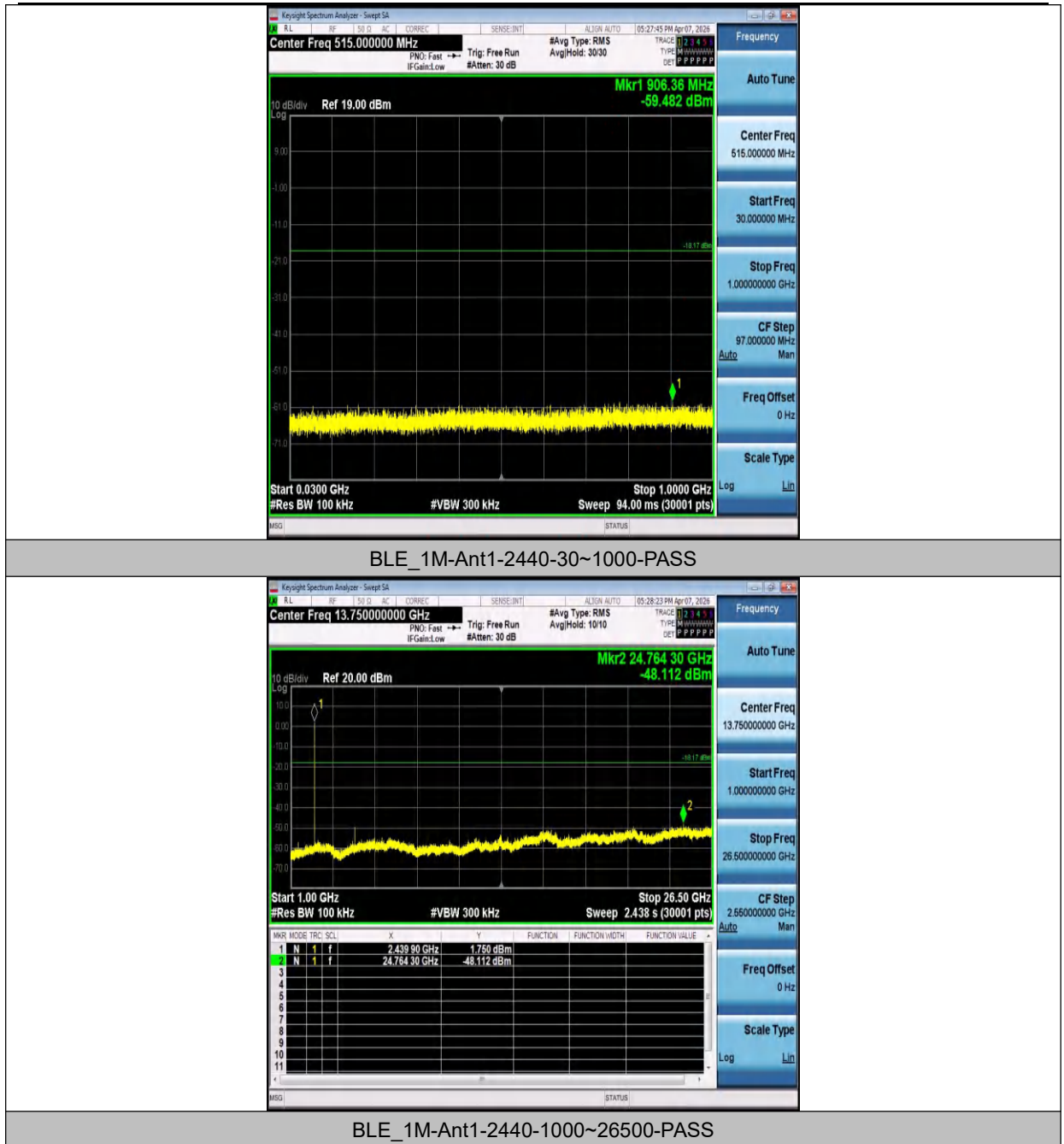
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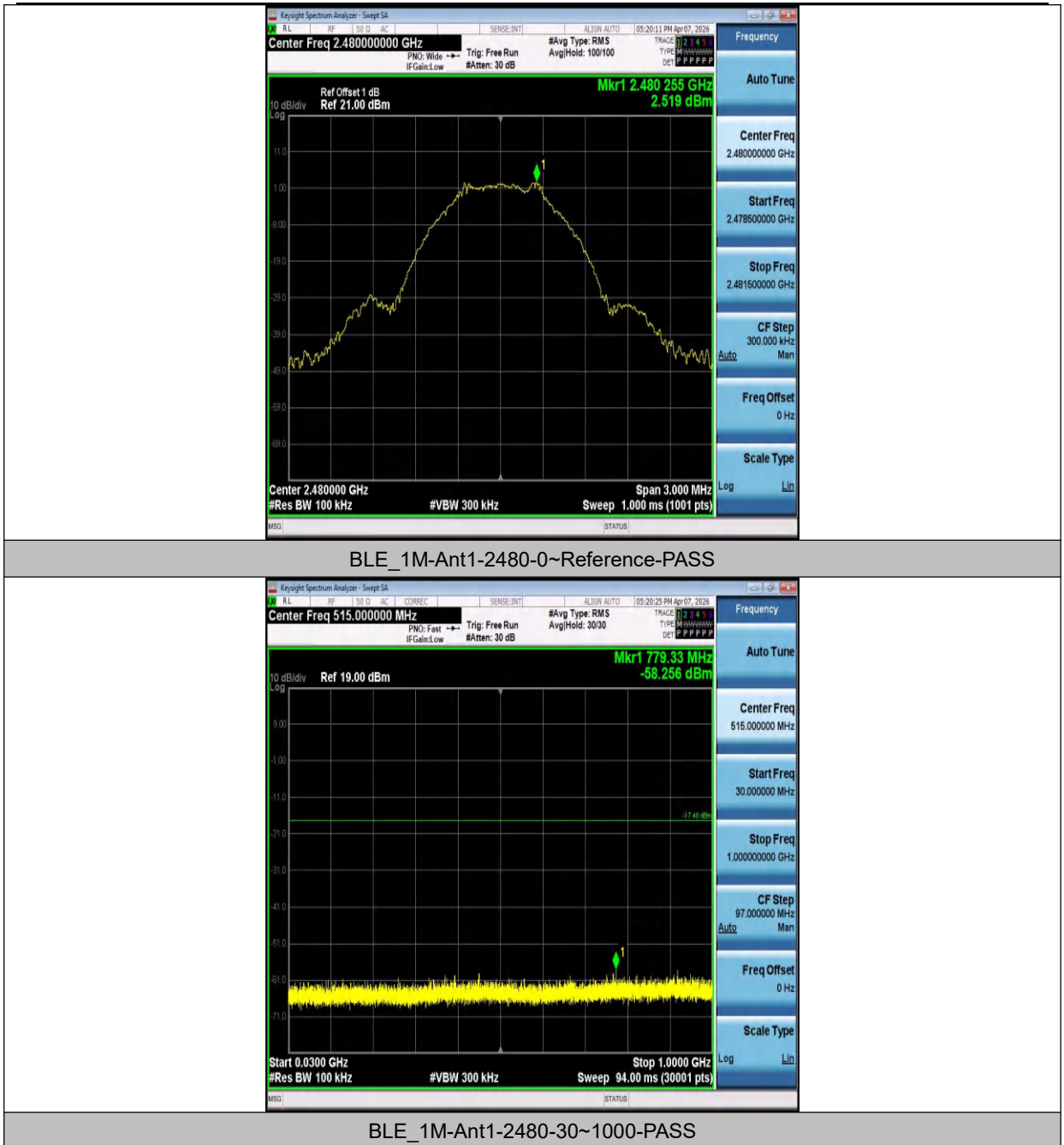
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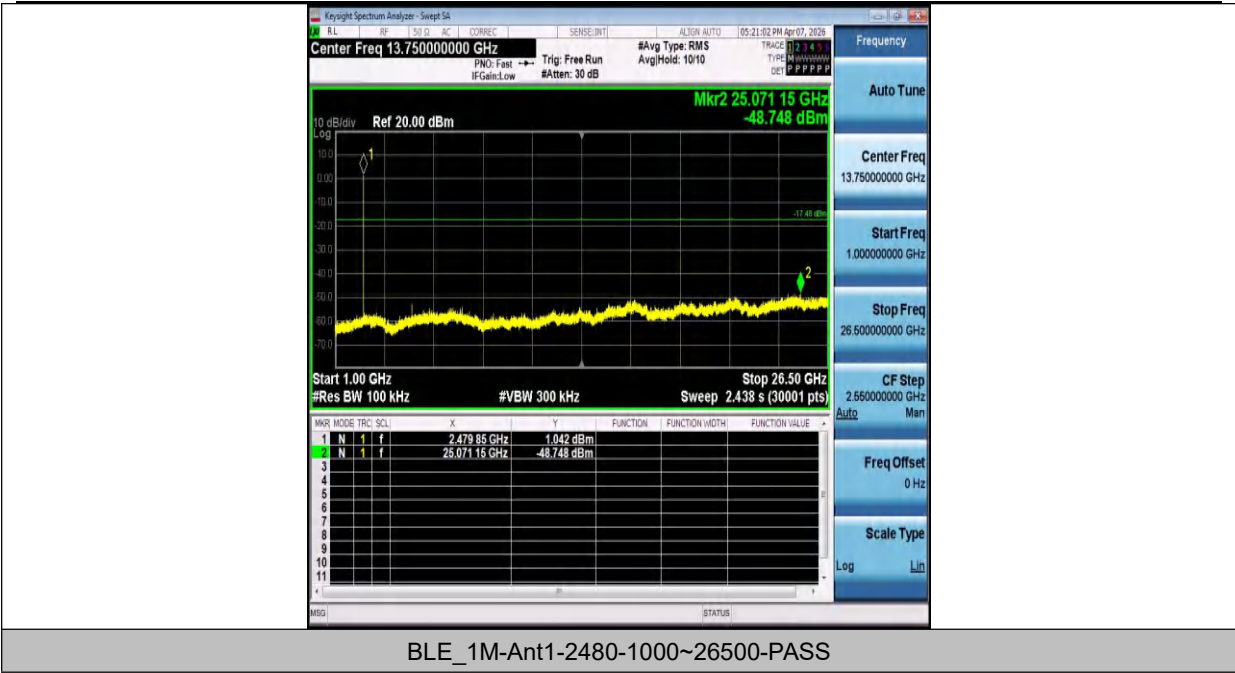
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Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	2.11	2.50	84.40	0.74
BLE_1M	Ant1	2440	2.11	2.49	84.74	0.72
BLE_1M	Ant1	2480	2.12	2.50	84.80	0.72

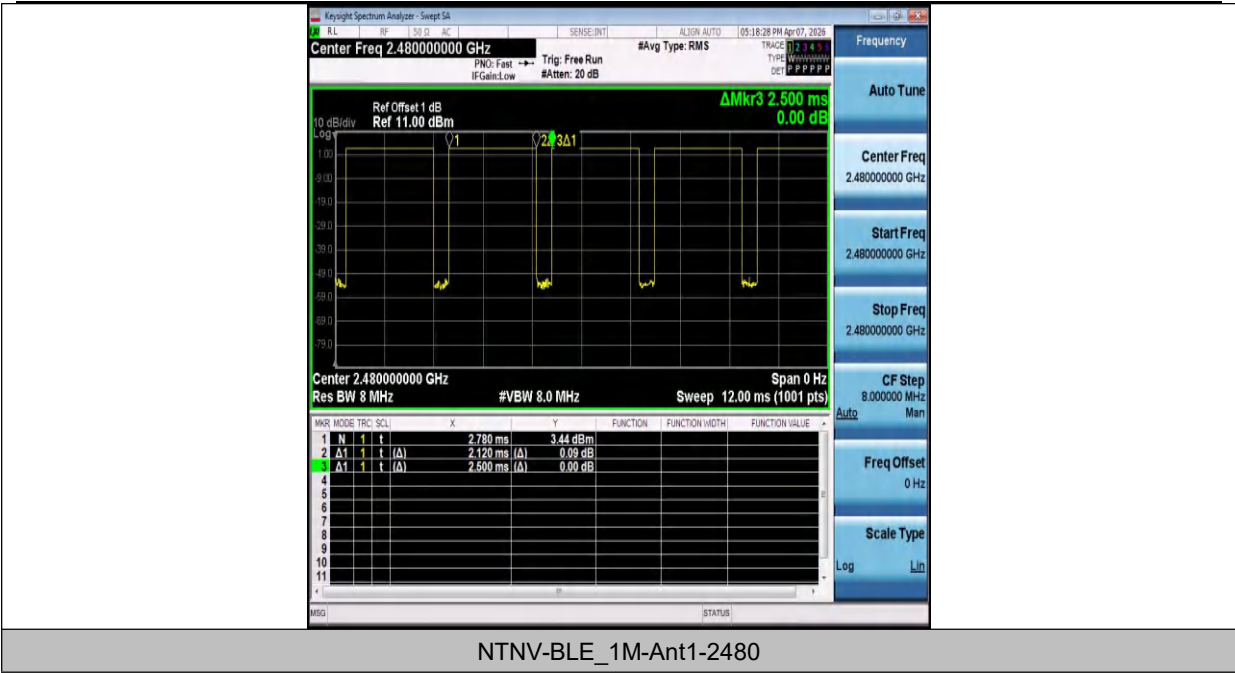
Test Graphs



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NTNV-BLE_1M-Ant1-2480

---End---