

Appendix Test Data

Report No.:	1812C60249412501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-5-7	Finish Test Date:	2026-5-15
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	24℃	Relative Humidity:	62%
Pressure:	101kPa		

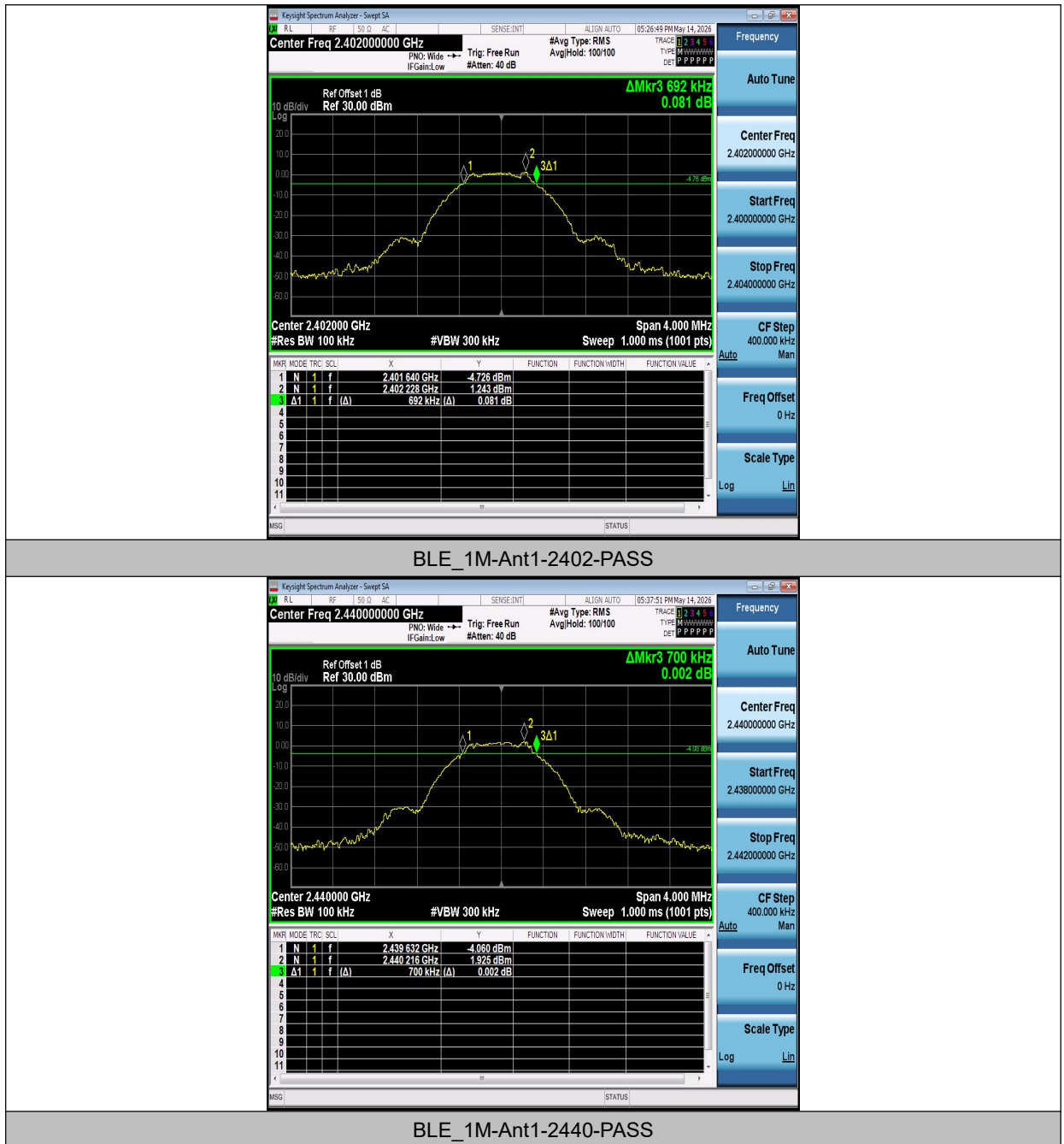


Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.692	2401.640	2402.332	0.5	PASS
BLE_1M	Ant1	2440	0.700	2439.632	2440.332	0.5	PASS
BLE_1M	Ant1	2480	0.660	2479.648	2480.308	0.5	PASS

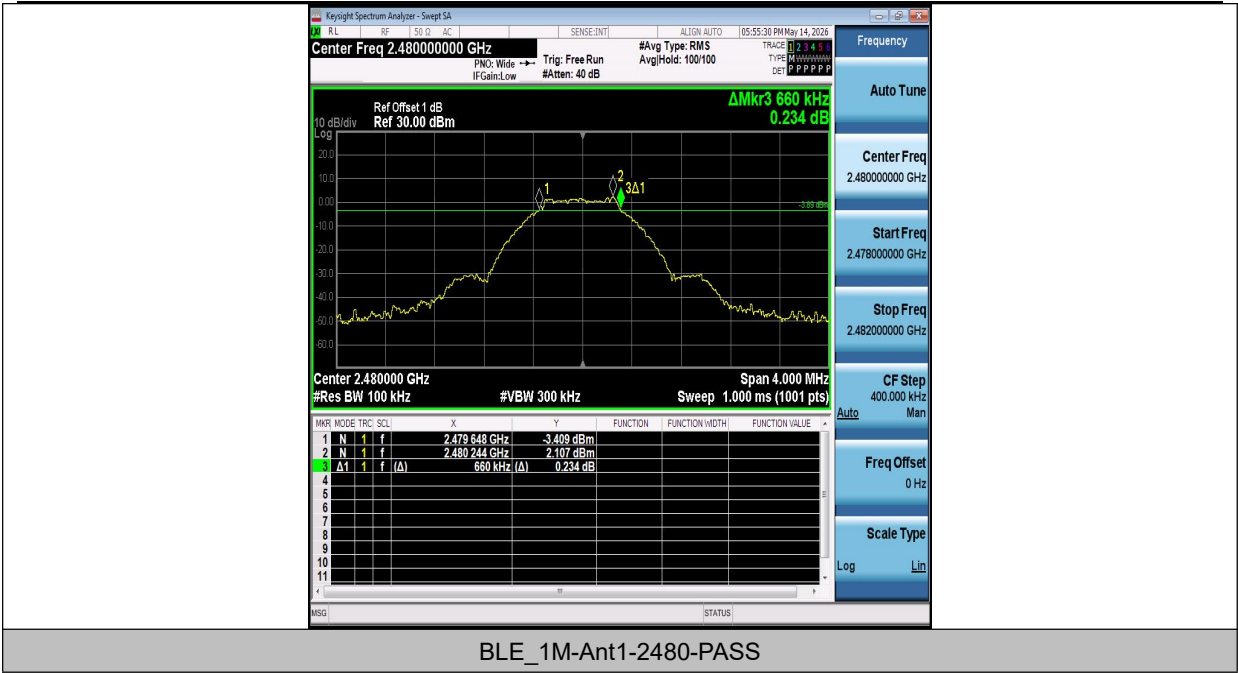
Test Graphs



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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	1.0184	2401.4734	2402.4918	---	---
BLE_1M	Ant1	2440	1.0185	2439.4708	2440.4893	---	---
BLE_1M	Ant1	2480	1.0315	2479.4663	2480.4978	---	---

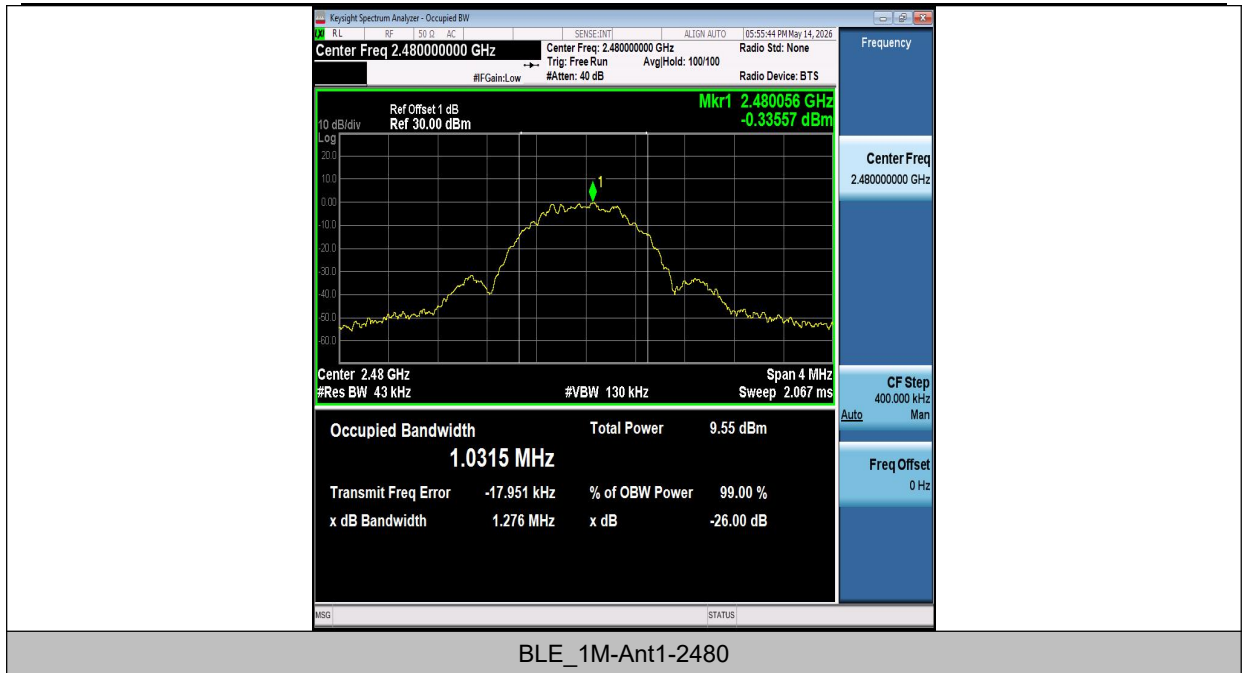
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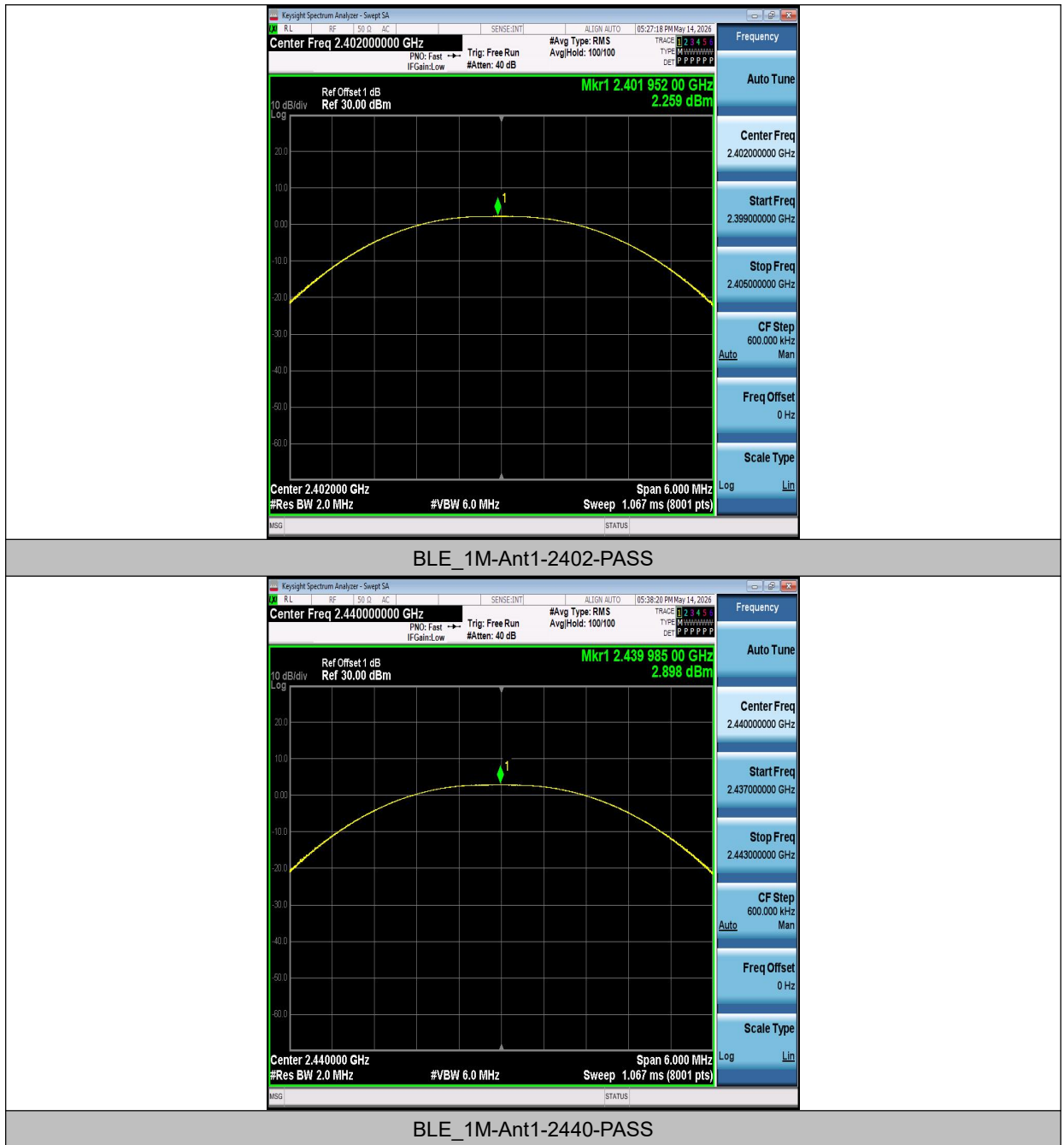
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Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	2.26	≤30	PASS
BLE_1M	Ant1	2440	2.90	≤30	PASS
BLE_1M	Ant1	2480	2.95	≤30	PASS

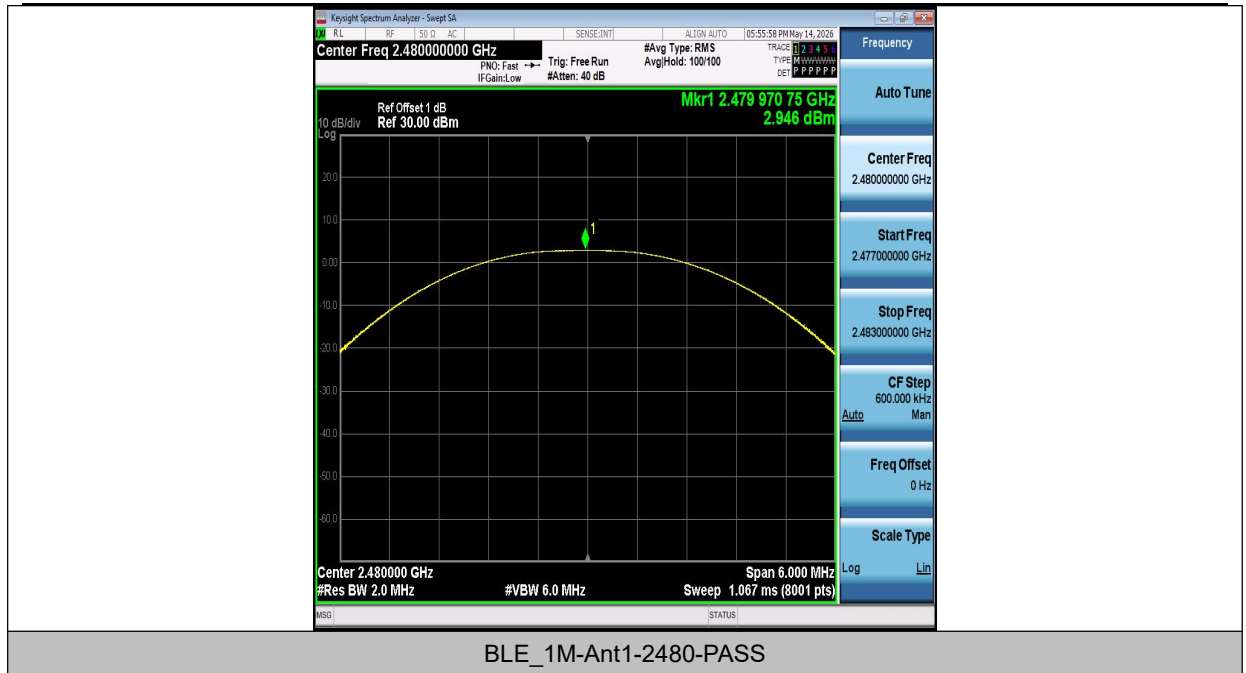
Test Graphs Peak



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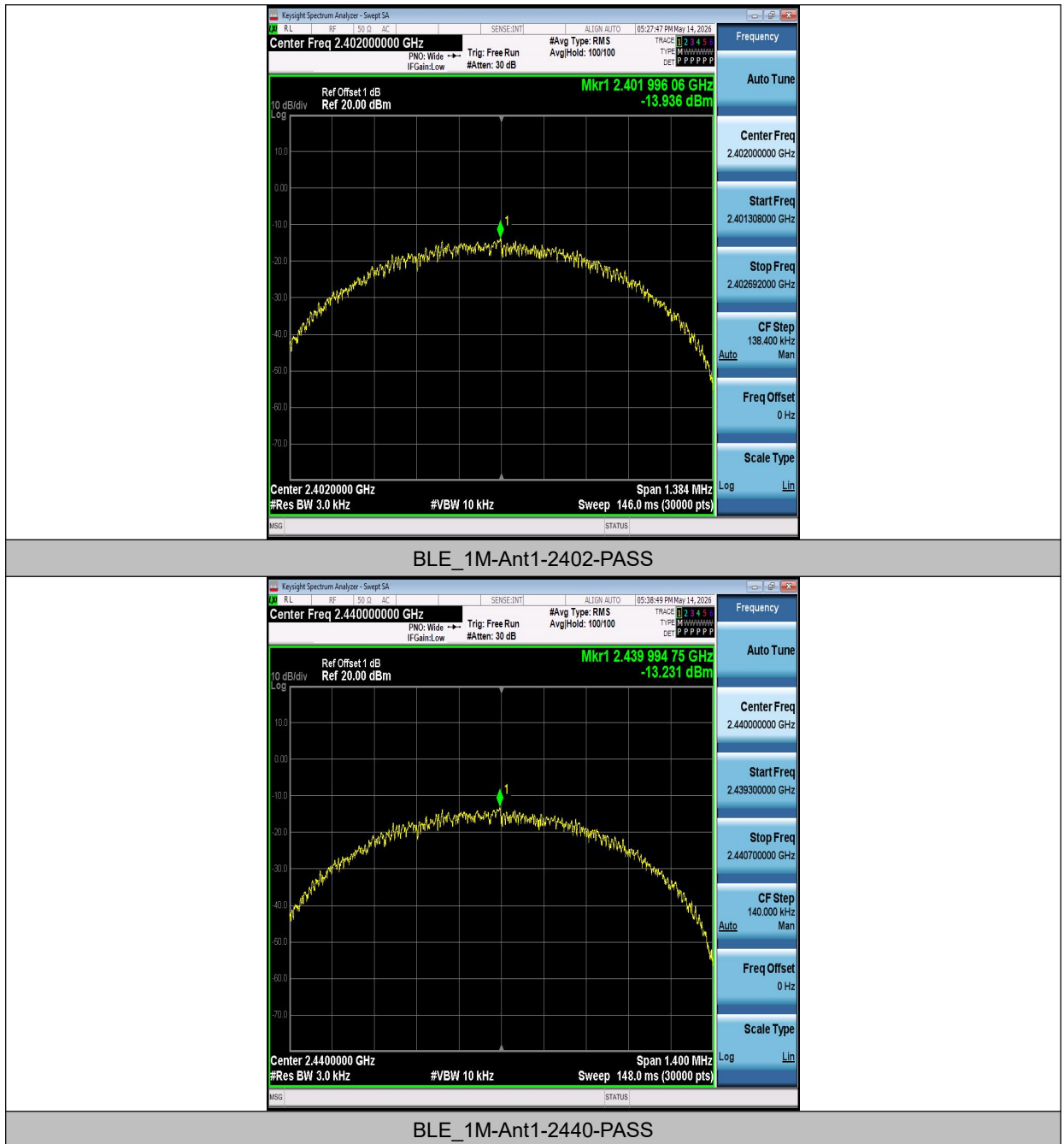
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-13.94	≤8.00	PASS
BLE_1M	Ant1	2440	-13.23	≤8.00	PASS
BLE_1M	Ant1	2480	-13.20	≤8.00	PASS

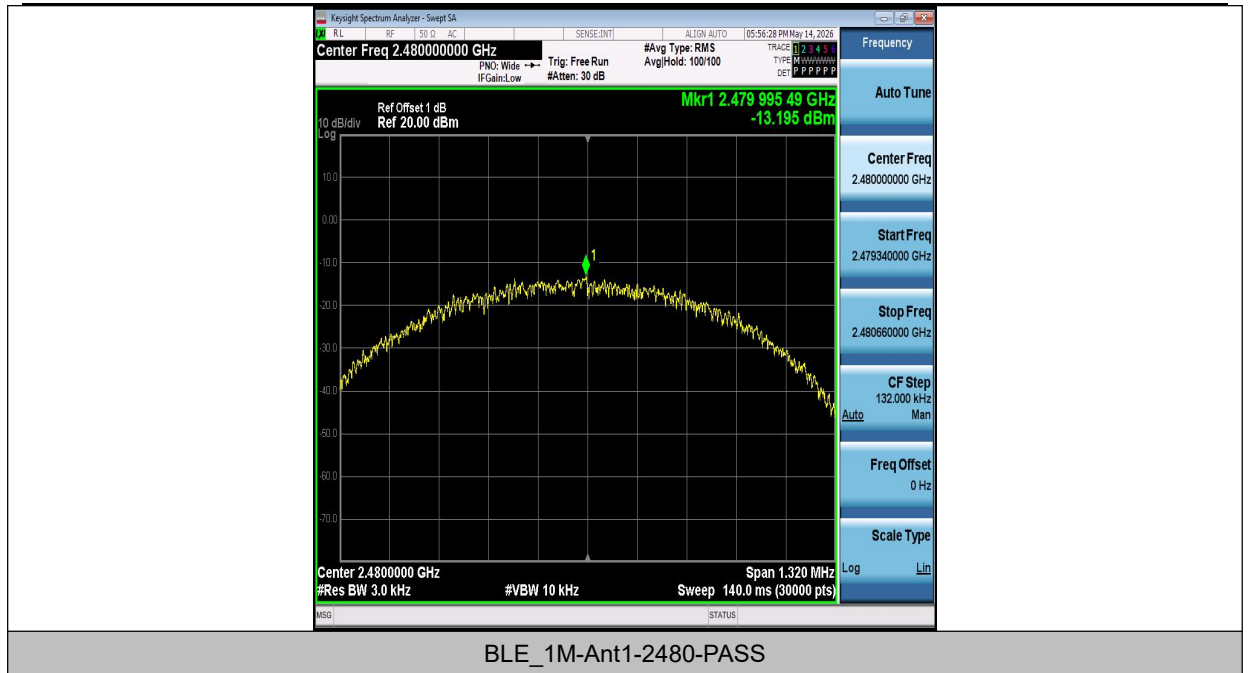
Test Graphs



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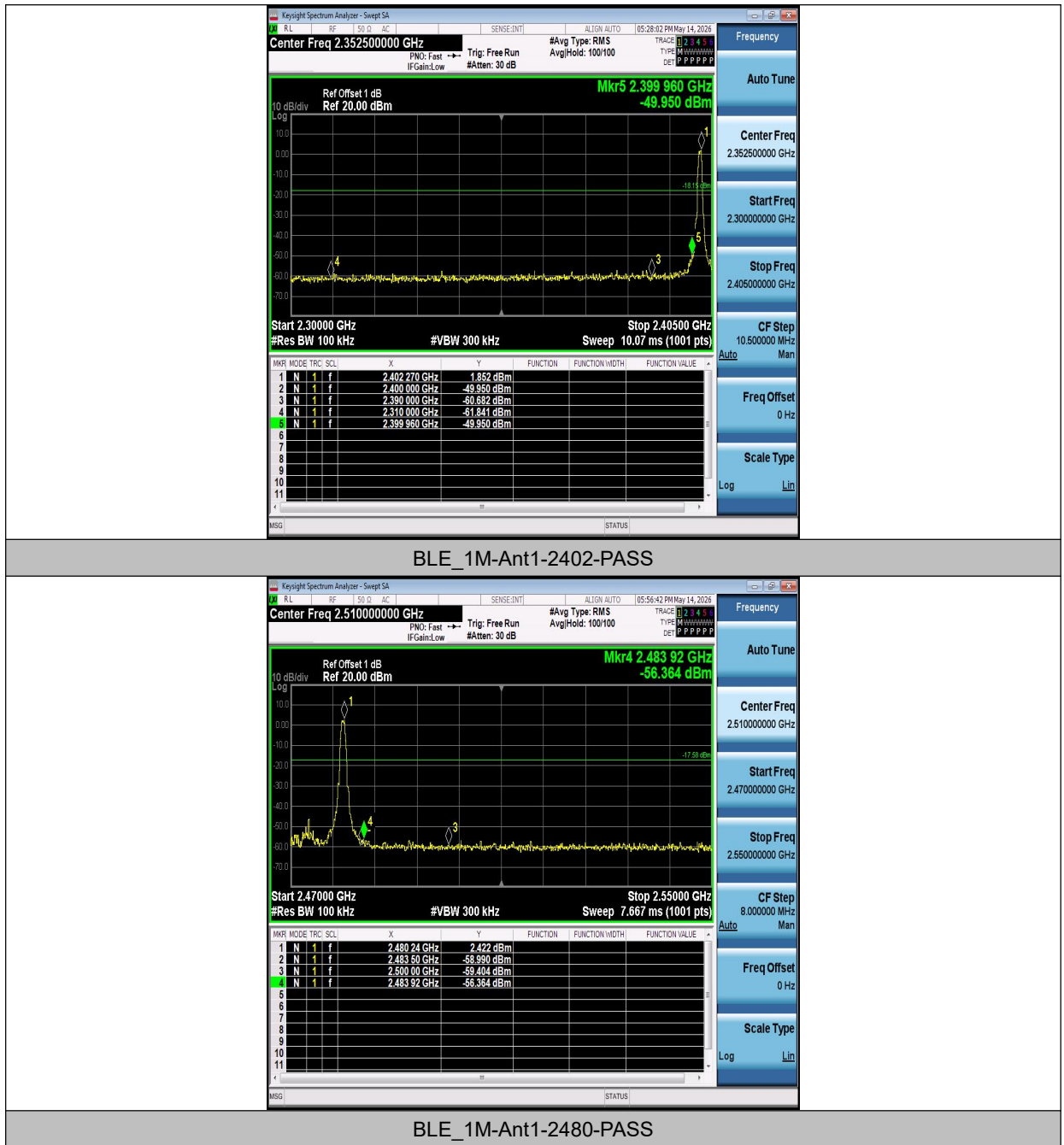
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	1.85	-49.95	≤-18.15	PASS
BLE_1M	Ant1	High	2480	2.42	-56.36	≤-17.58	PASS

Test Graphs



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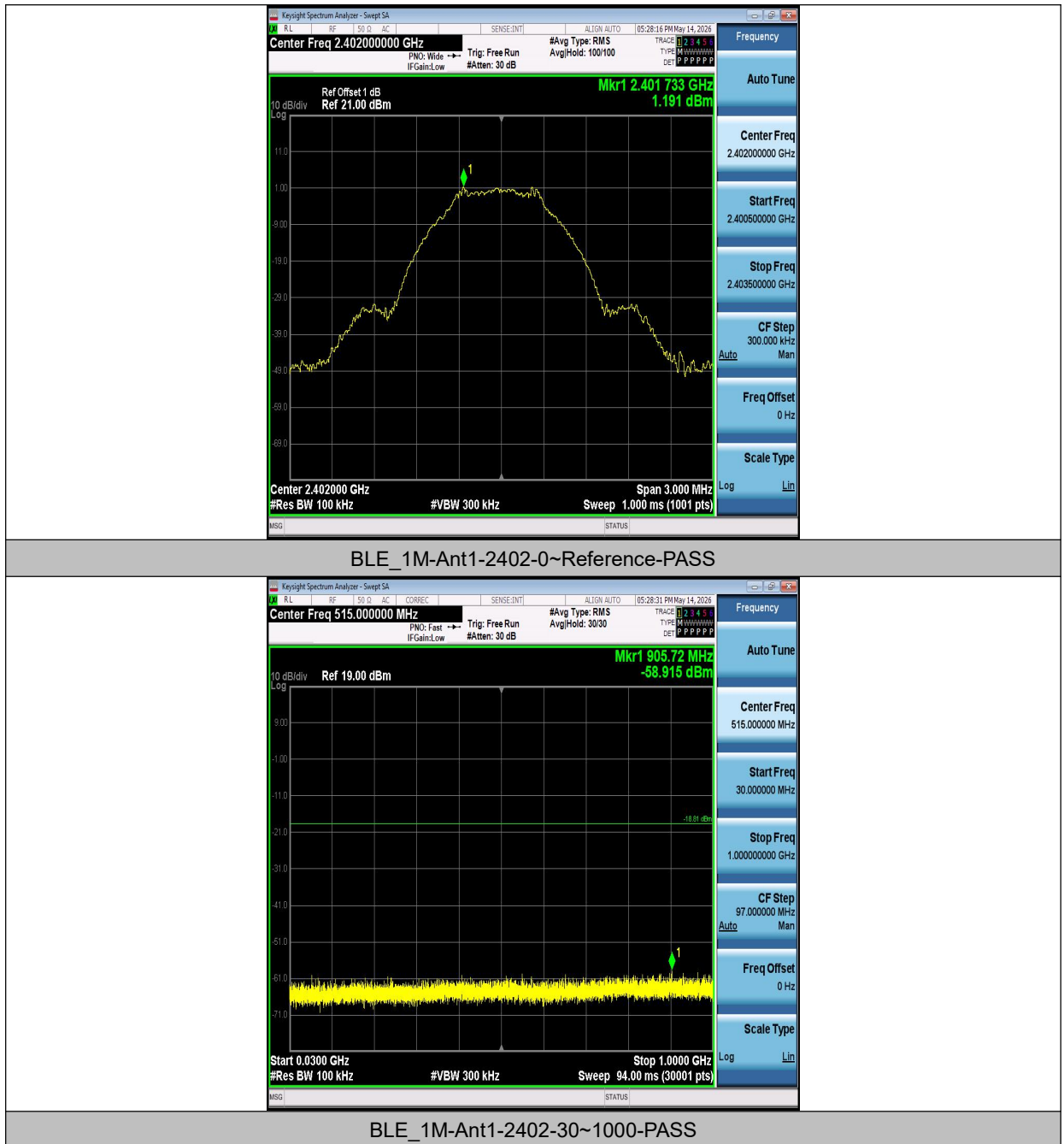
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	1.19	1.19	---	PASS
BLE_1M	Ant1	2402	30~1000	1.19	-58.92	≤-18.81	PASS
BLE_1M	Ant1	2402	1000~26500	1.19	-48.94	≤-18.81	PASS
BLE_1M	Ant1	2440	0~Reference	1.83	1.83	---	PASS
BLE_1M	Ant1	2440	30~1000	1.83	-58.19	≤-18.17	PASS
BLE_1M	Ant1	2440	1000~26500	1.83	-48.42	≤-18.17	PASS
BLE_1M	Ant1	2480	0~Reference	2.51	2.51	---	PASS
BLE_1M	Ant1	2480	30~1000	2.51	-59.54	≤-17.49	PASS
BLE_1M	Ant1	2480	1000~26500	2.51	-48.71	≤-17.49	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.

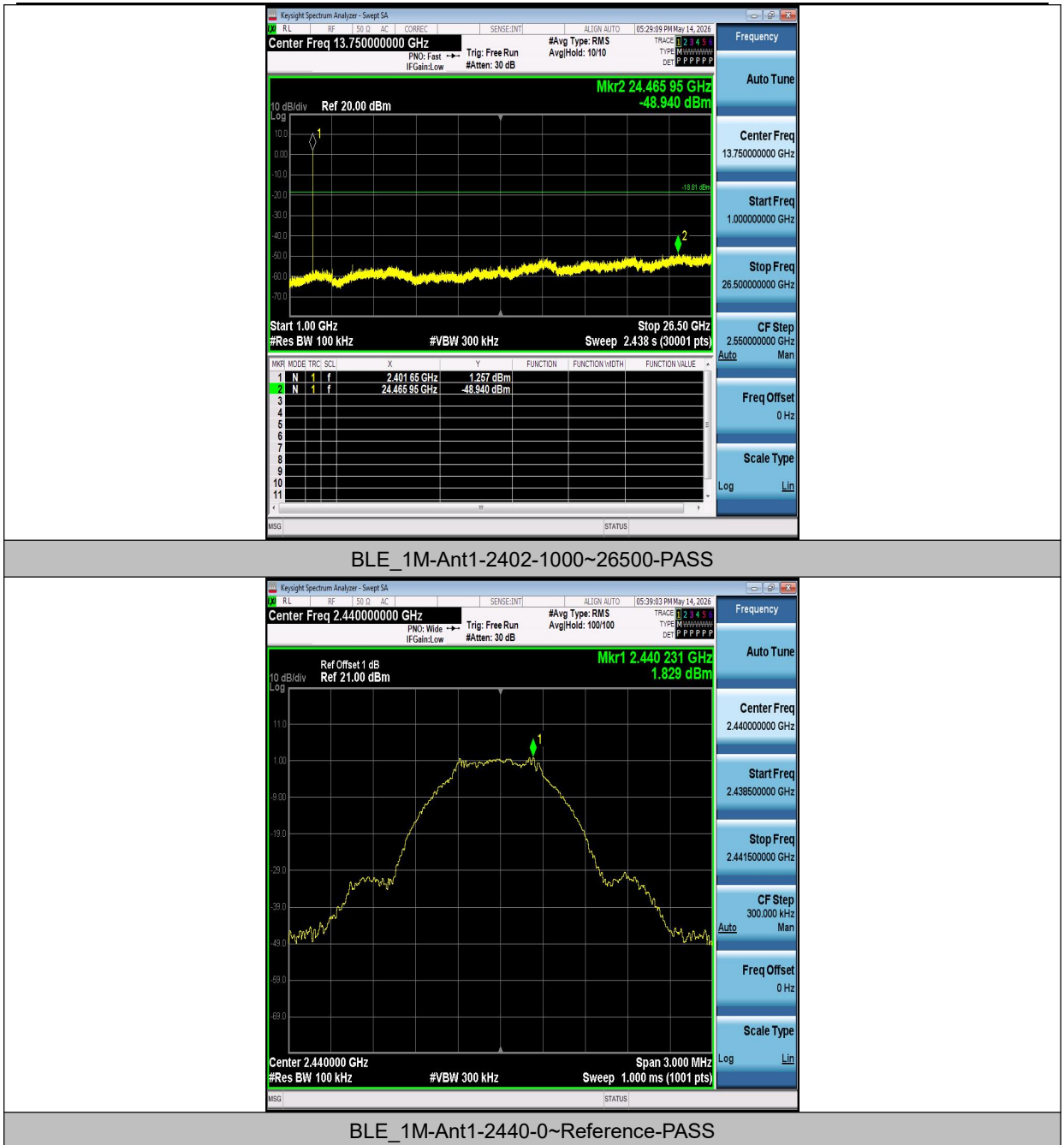
Test Graphs



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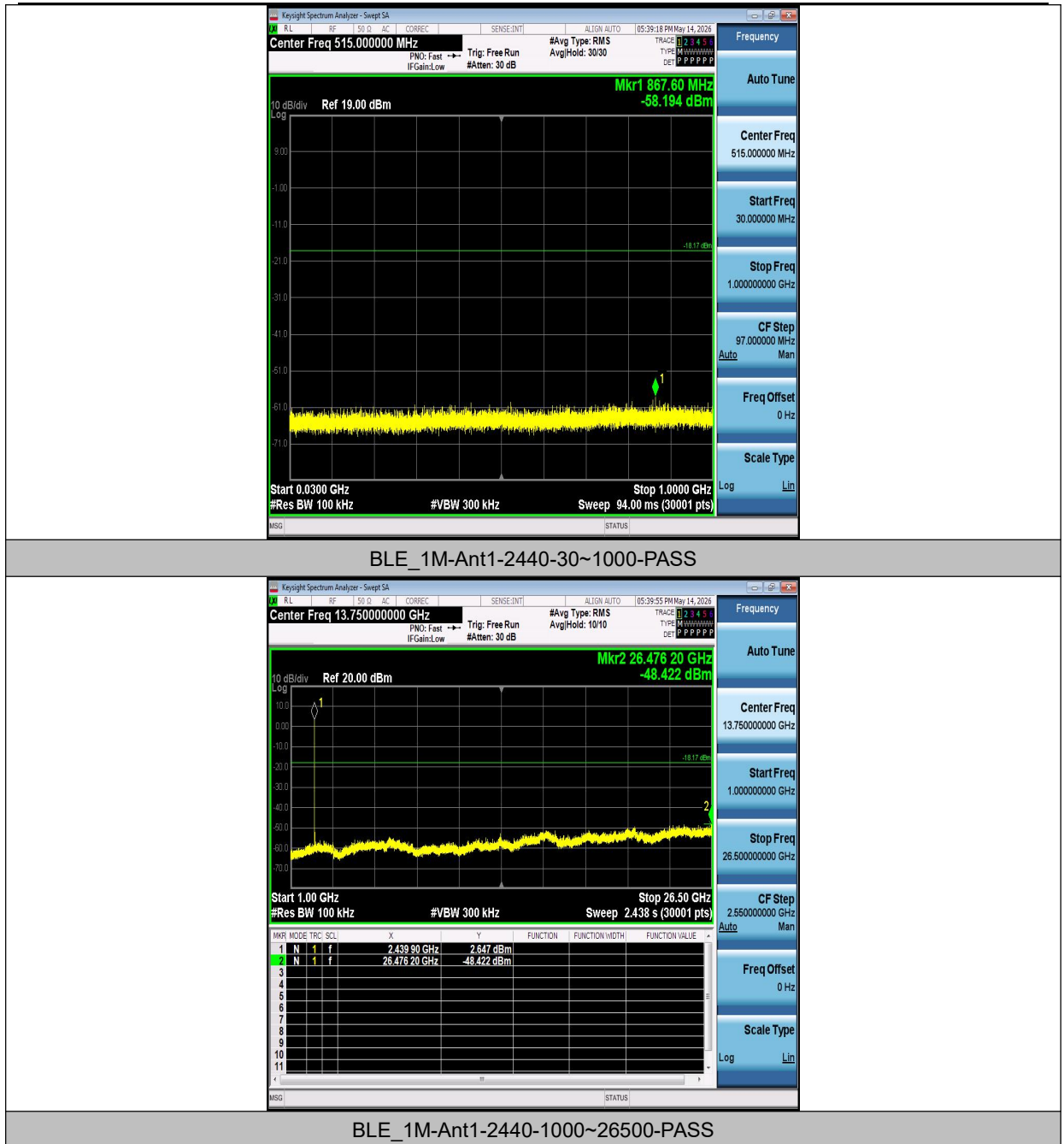
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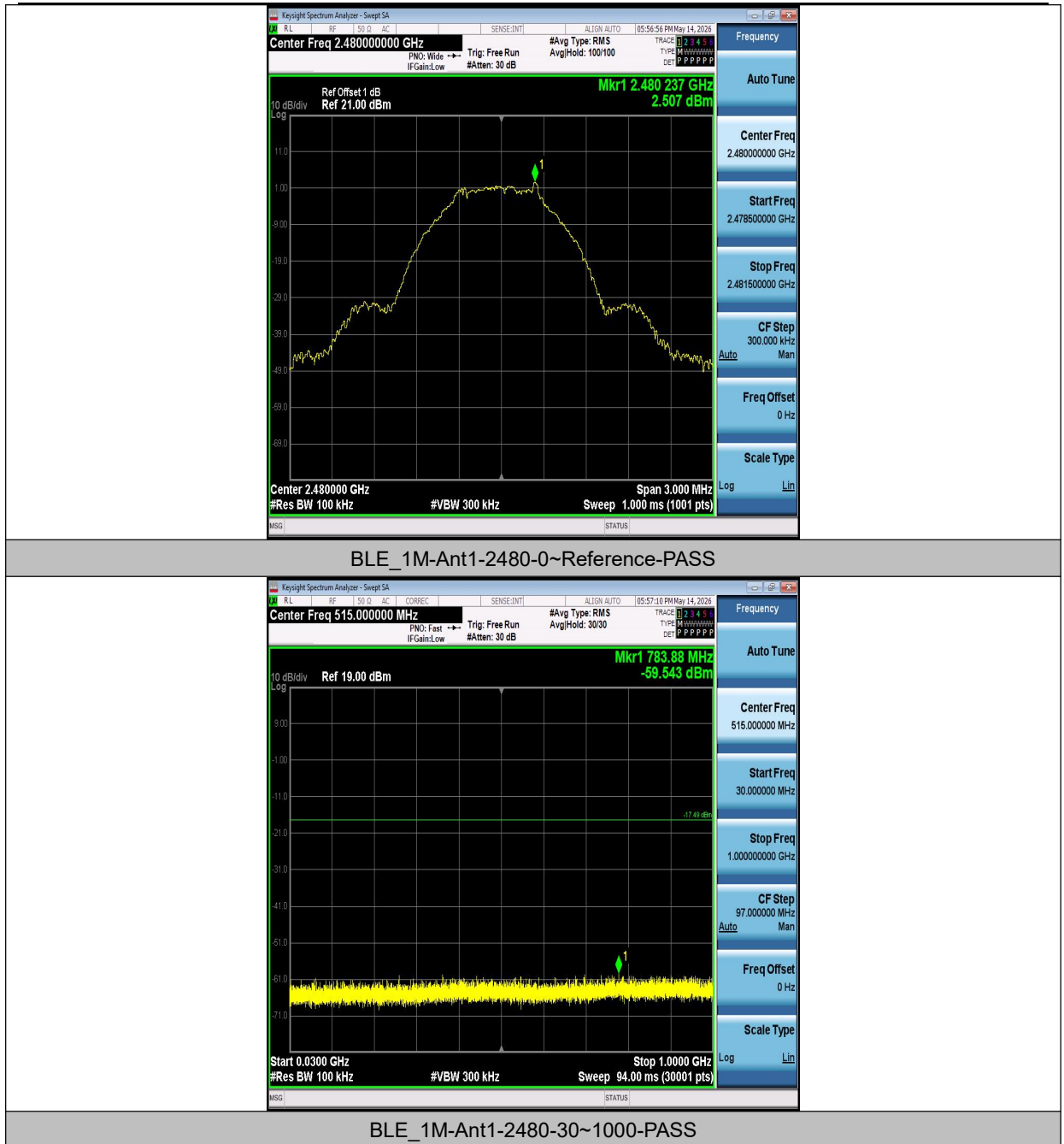
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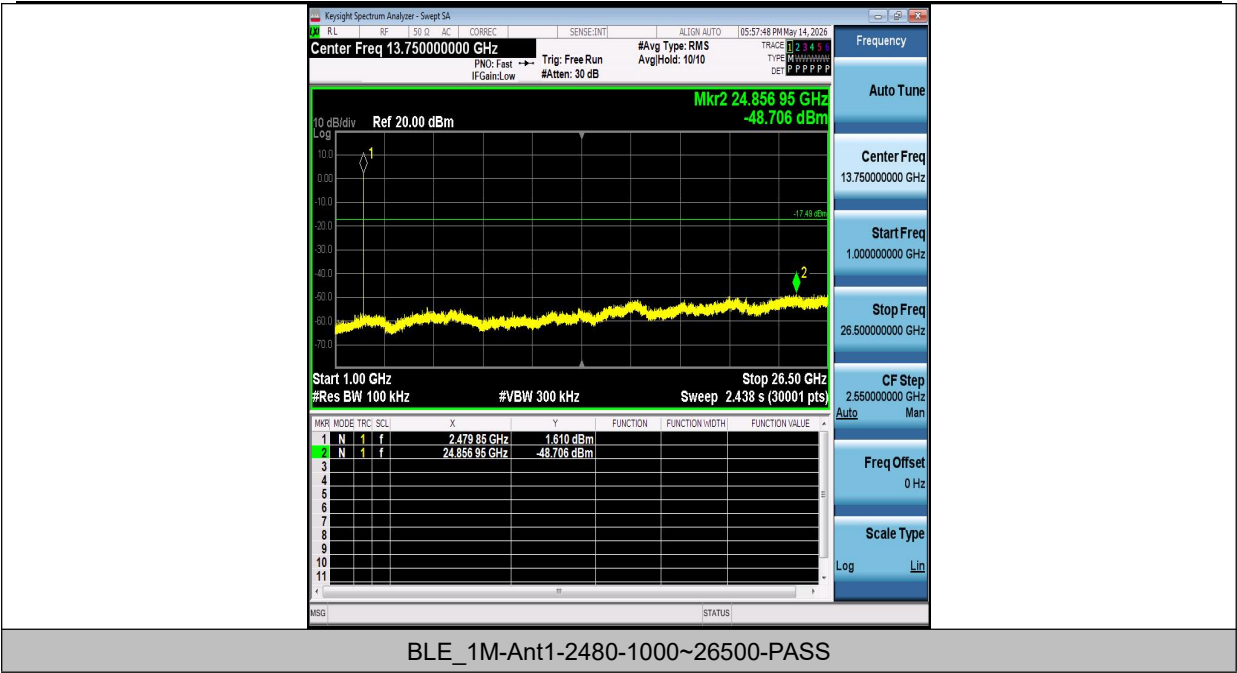
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Appendix G: Duty Cycle

Test Result

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

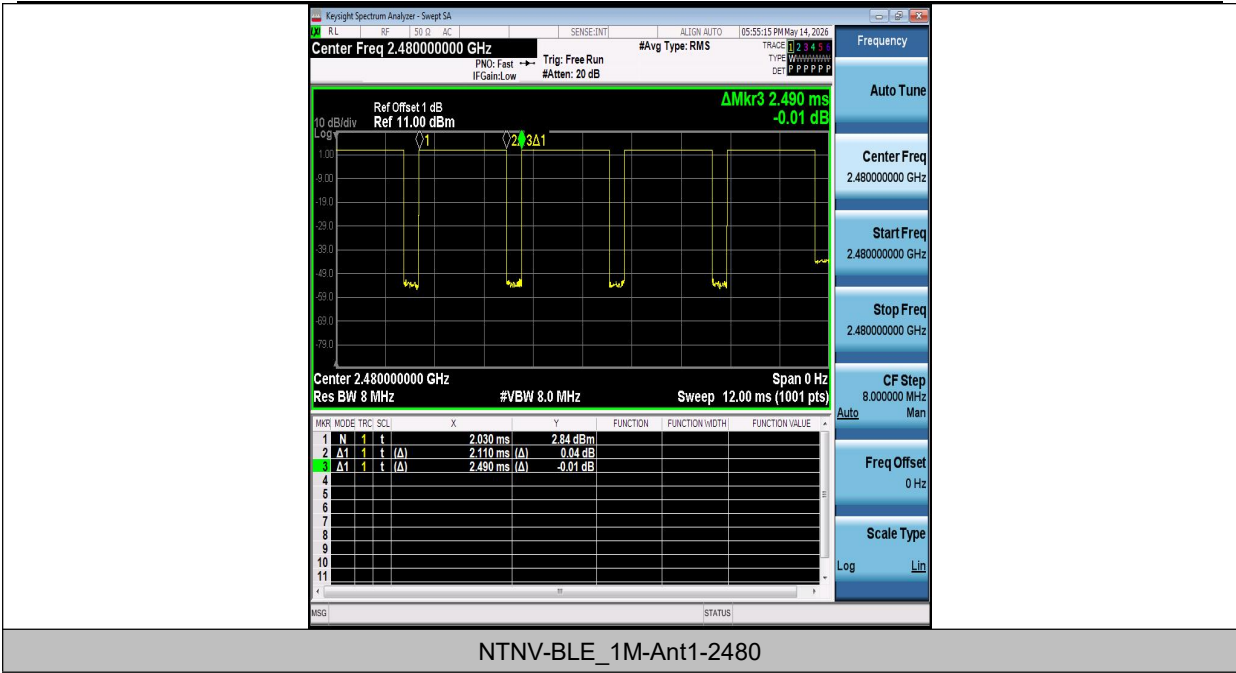
Test Graphs



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NTNV-BLE_1M-Ant1-2480

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