

Appendix Test Data

Report No.:	1811C60072012501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-2-4	Finish Test Date:	2026-2-5
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	23.1℃	Relative Humidity:	55%
Pressure:	101kPa		

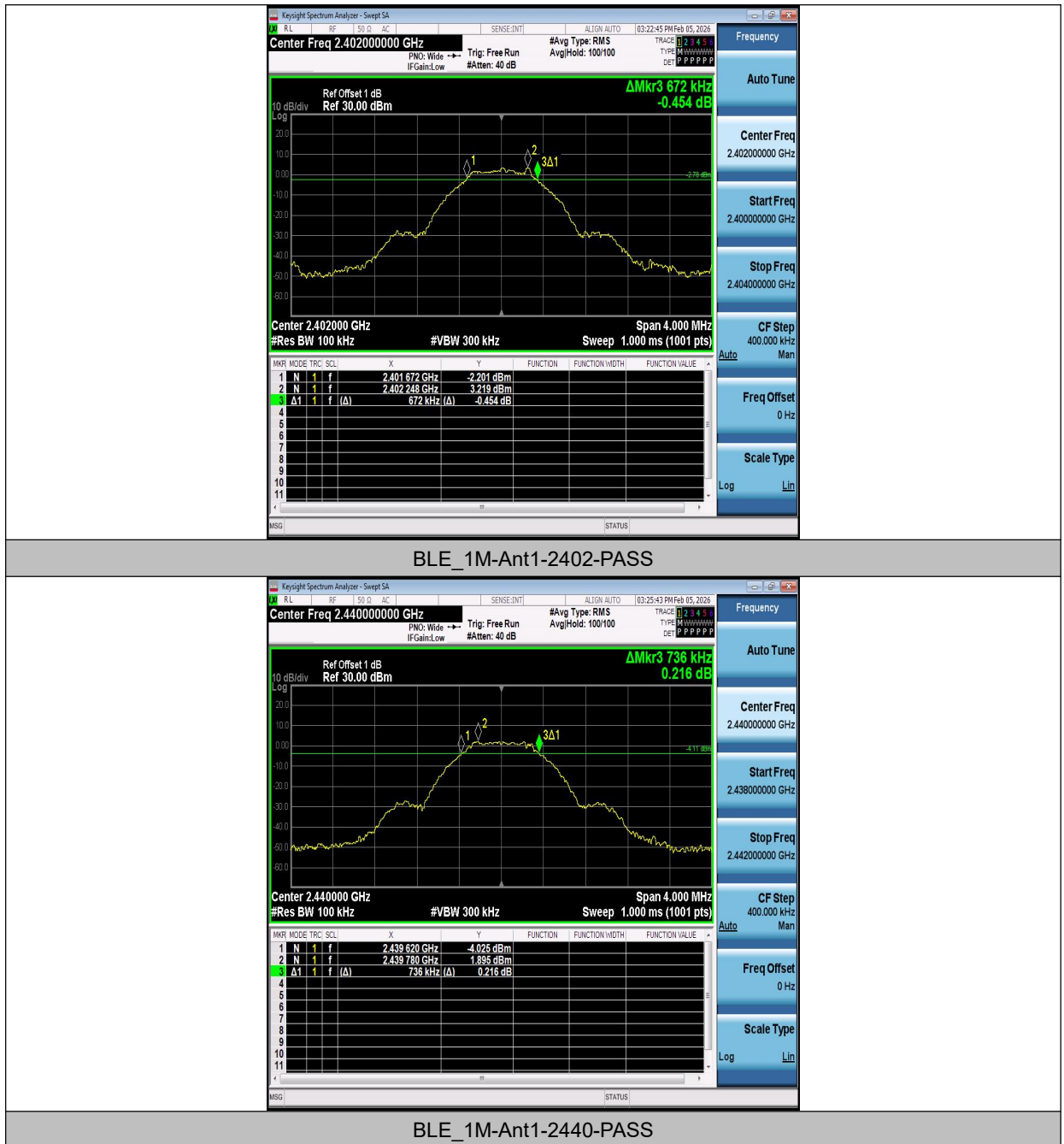


Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.672	2401.672	2402.344	0.5	PASS
BLE_1M	Ant1	2440	0.736	2439.620	2440.356	0.5	PASS
BLE_1M	Ant1	2480	0.700	2479.656	2480.356	0.5	PASS

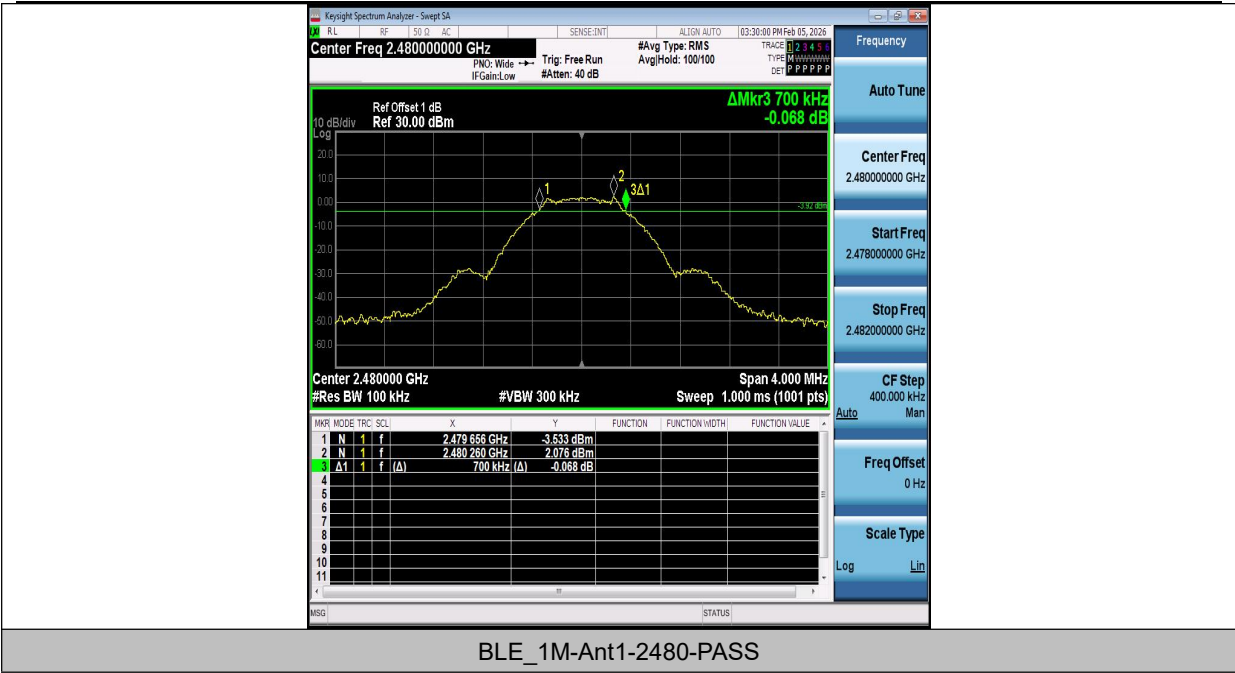
Test Graphs



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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	1.0306	2401.4885	2402.5191	---	---
BLE_1M	Ant1	2440	1.0180	2439.4914	2440.5094	---	---
BLE_1M	Ant1	2480	1.0225	2479.4894	2480.5119	---	---

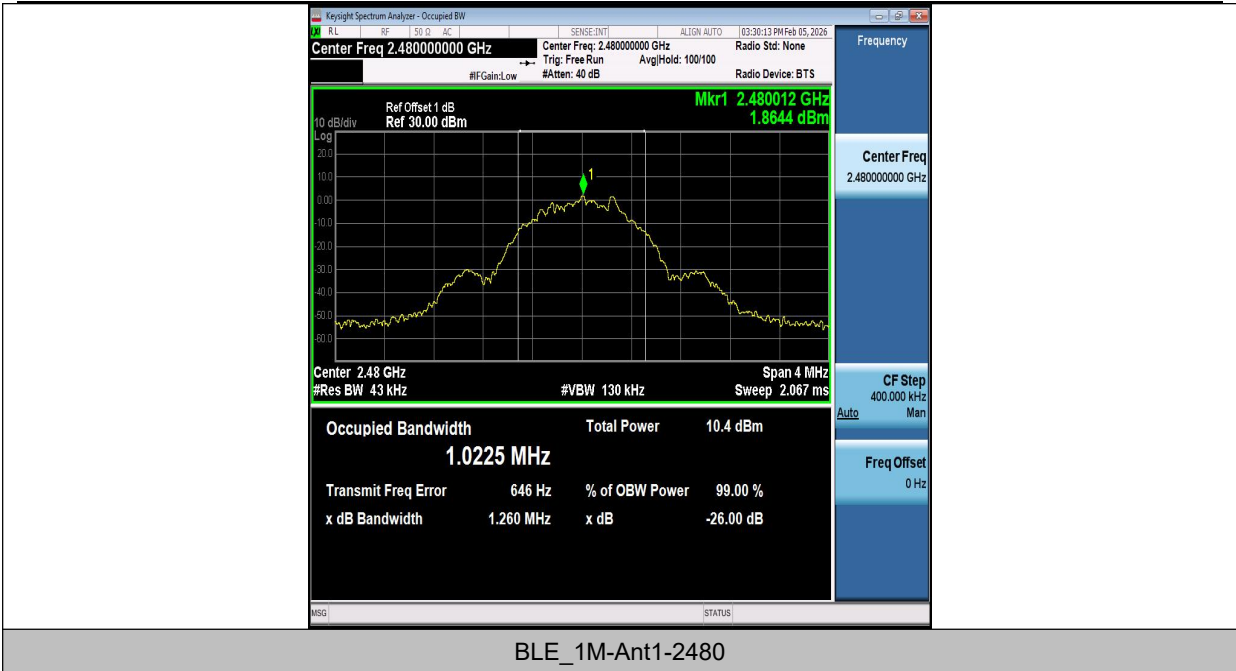
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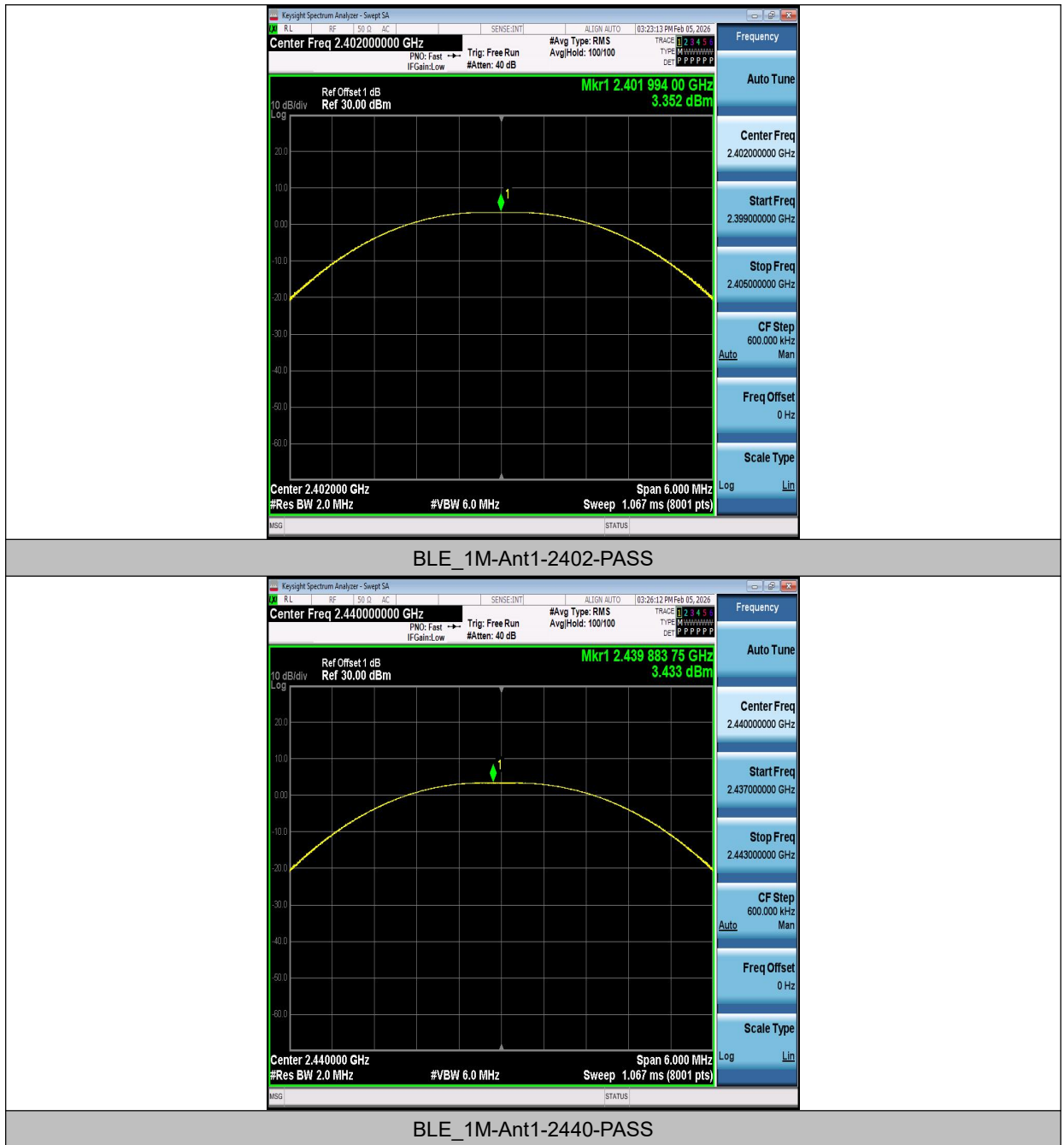
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Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	3.35	≤30	PASS
BLE_1M	Ant1	2440	3.43	≤30	PASS
BLE_1M	Ant1	2480	3.20	≤30	PASS

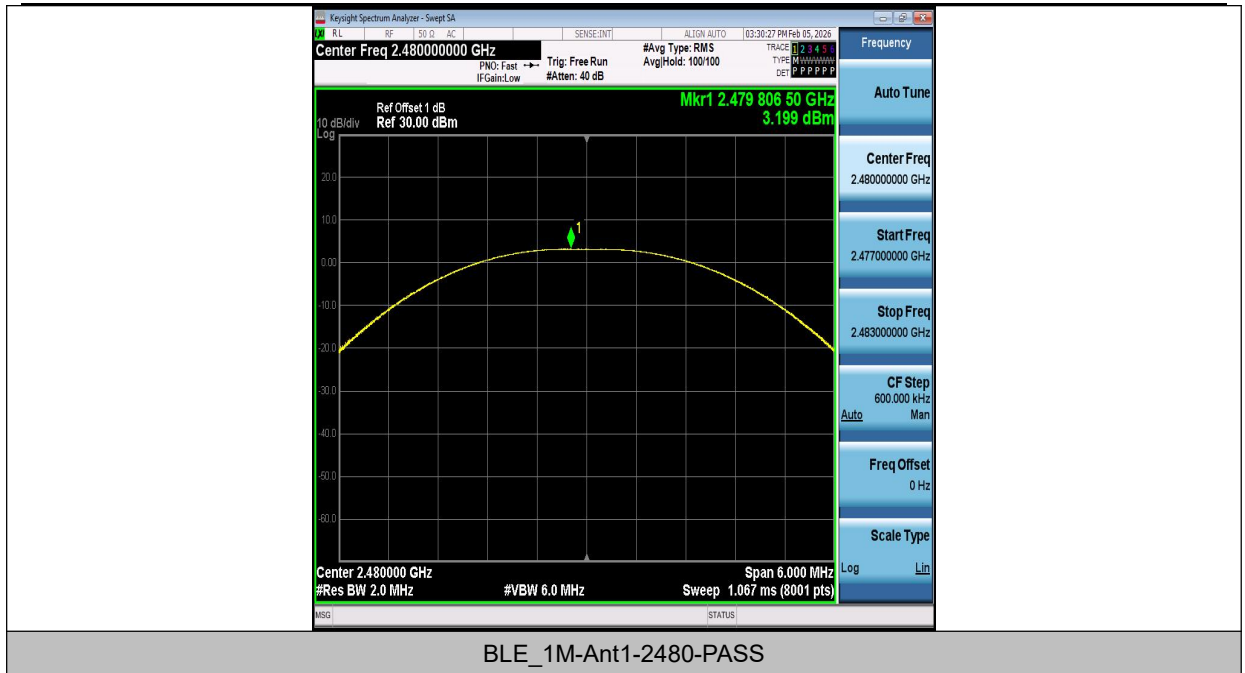
Test Graphs Peak



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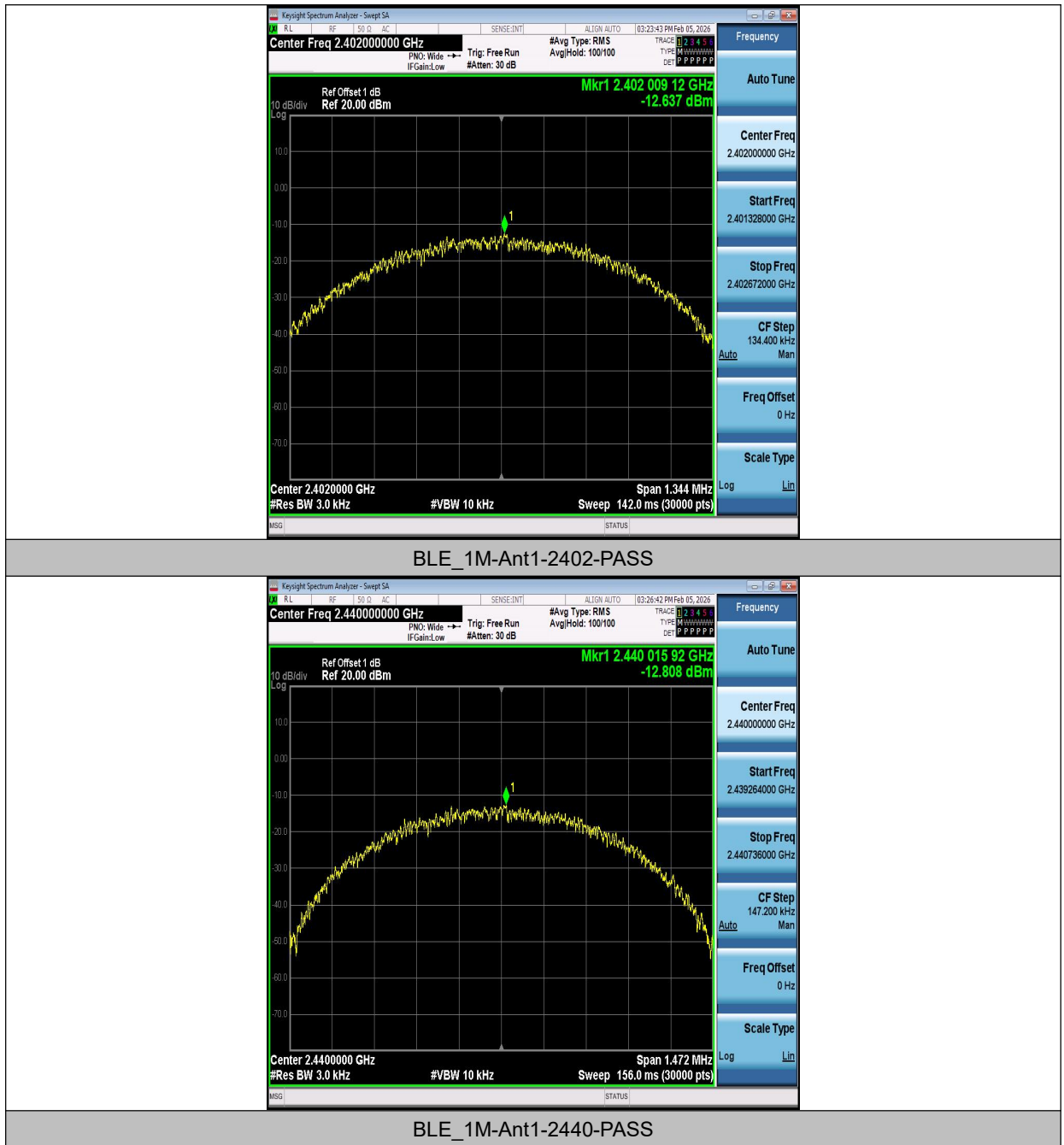
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-12.64	≤8.00	PASS
BLE_1M	Ant1	2440	-12.81	≤8.00	PASS
BLE_1M	Ant1	2480	-12.95	≤8.00	PASS

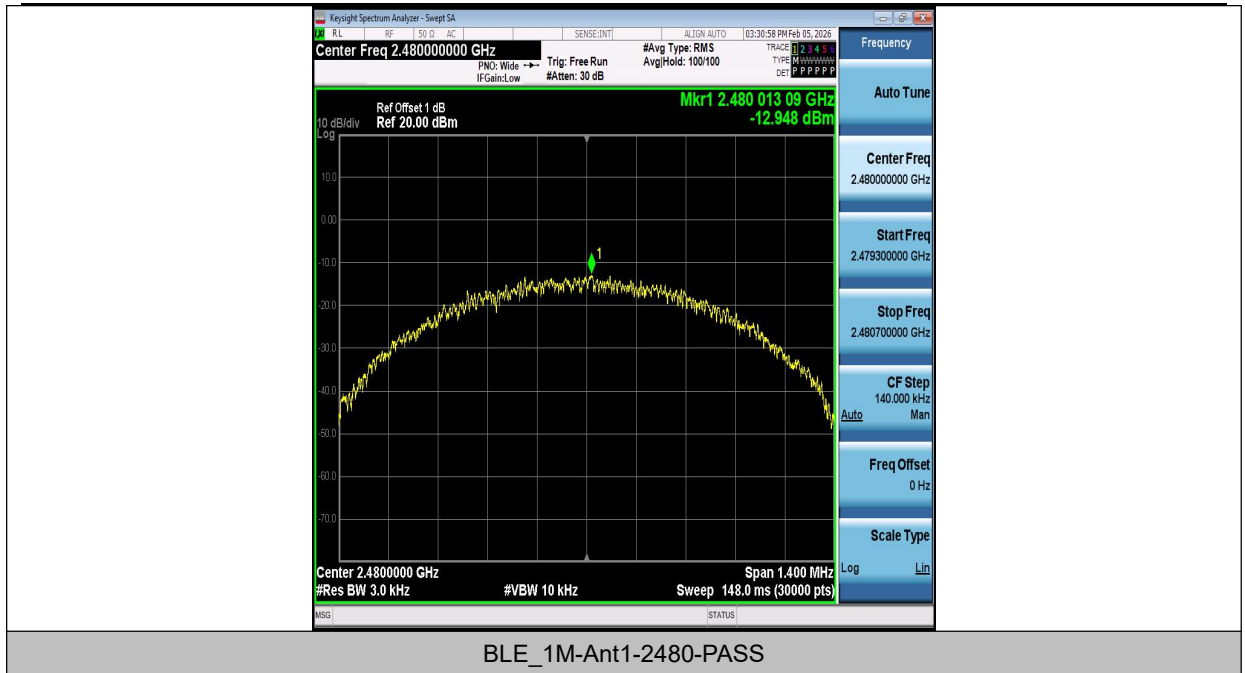
Test Graphs



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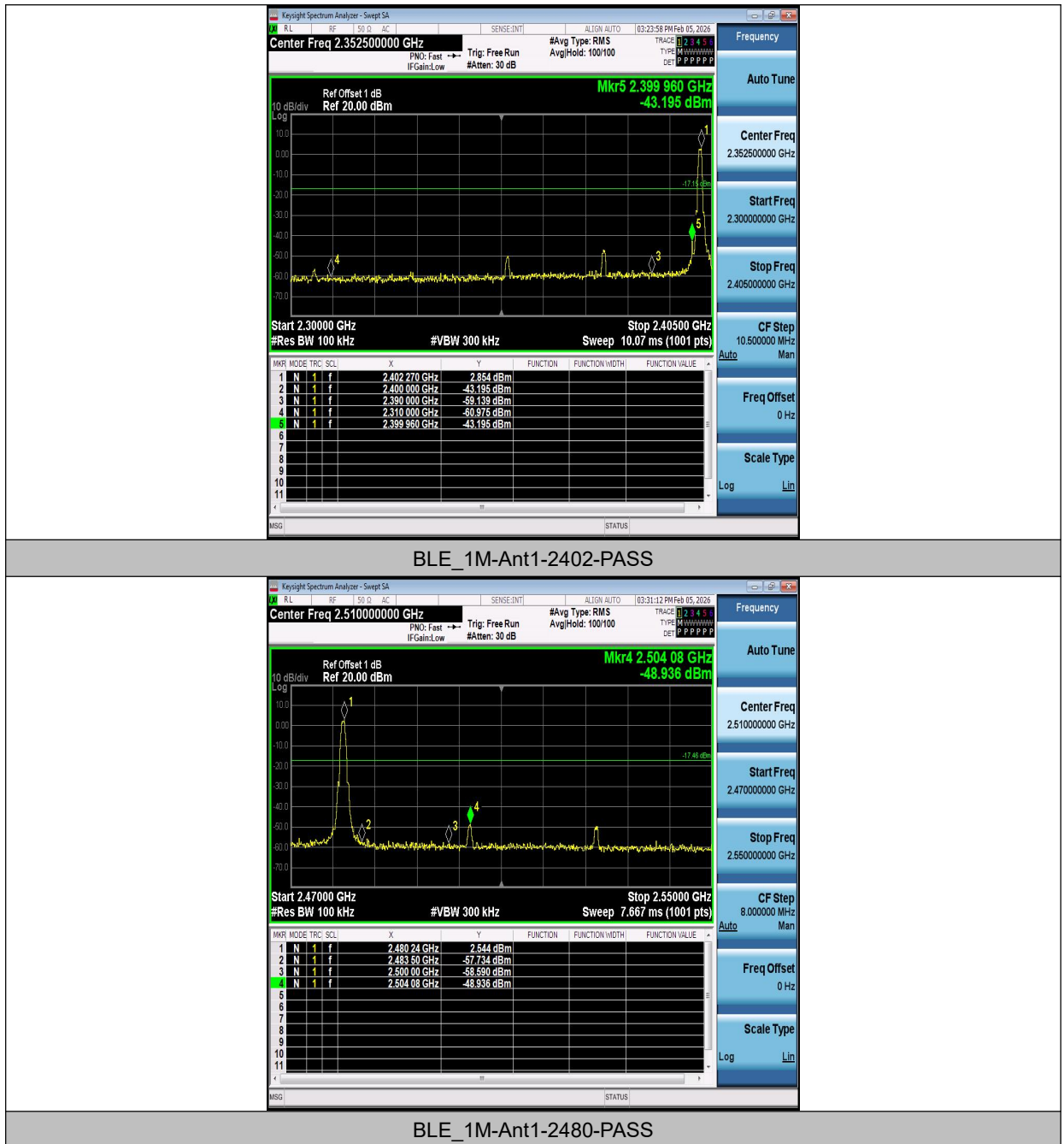
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	2.85	-43.2	≤-17.15	PASS
BLE_1M	Ant1	High	2480	2.54	-48.94	≤-17.46	PASS

Test Graphs



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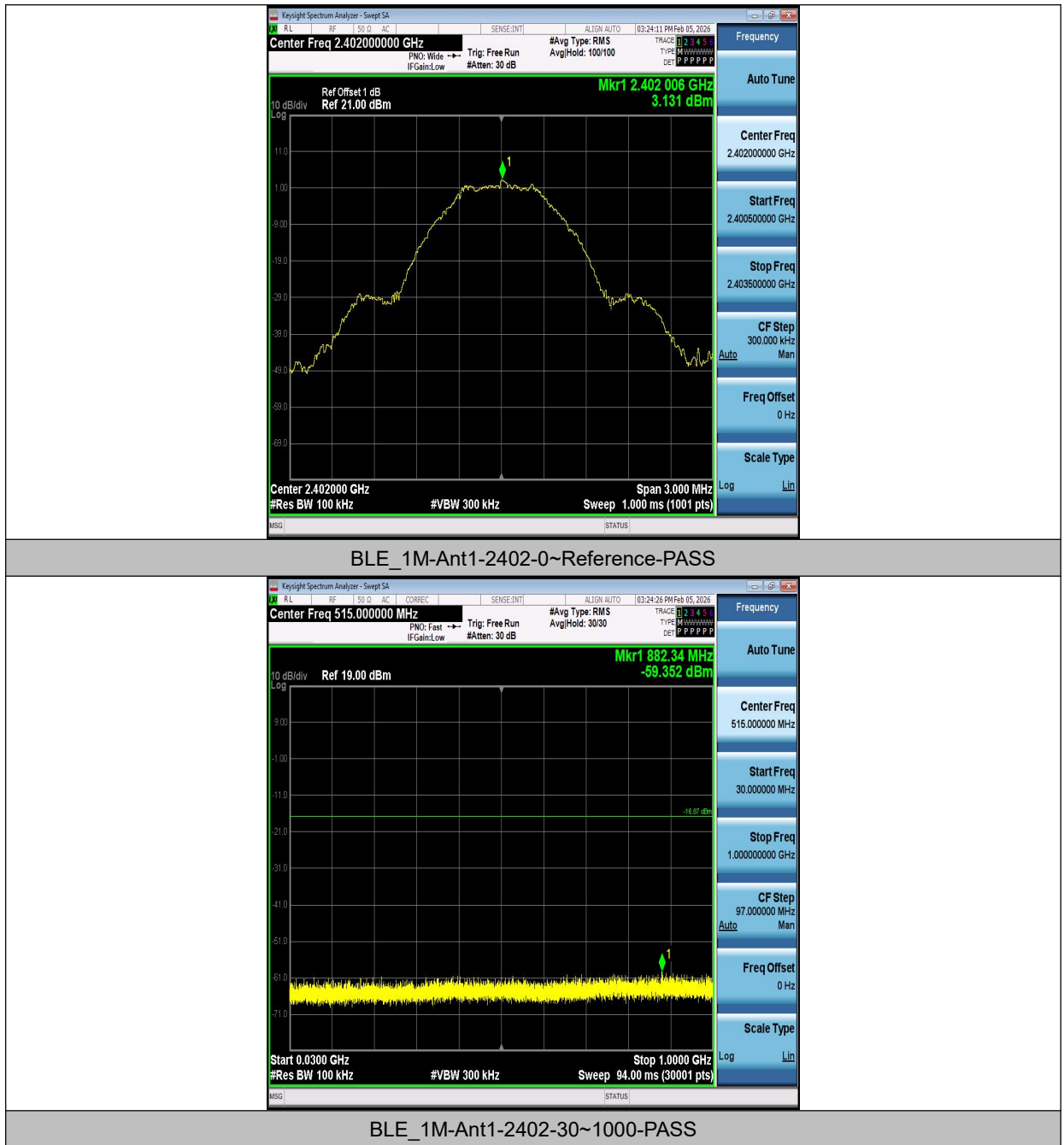
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	3.13	3.13	---	PASS
BLE_1M	Ant1	2402	30~1000	3.13	-59.35	≤-16.87	PASS
BLE_1M	Ant1	2402	1000~26500	3.13	-41.57	≤-16.87	PASS
BLE_1M	Ant1	2440	0~Reference	2.98	2.98	---	PASS
BLE_1M	Ant1	2440	30~1000	2.98	-59.15	≤-17.02	PASS
BLE_1M	Ant1	2440	1000~26500	2.98	-43.62	≤-17.02	PASS
BLE_1M	Ant1	2480	0~Reference	2.81	2.81	---	PASS
BLE_1M	Ant1	2480	30~1000	2.81	-59.08	≤-17.19	PASS
BLE_1M	Ant1	2480	1000~26500	2.81	-46.06	≤-17.19	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.

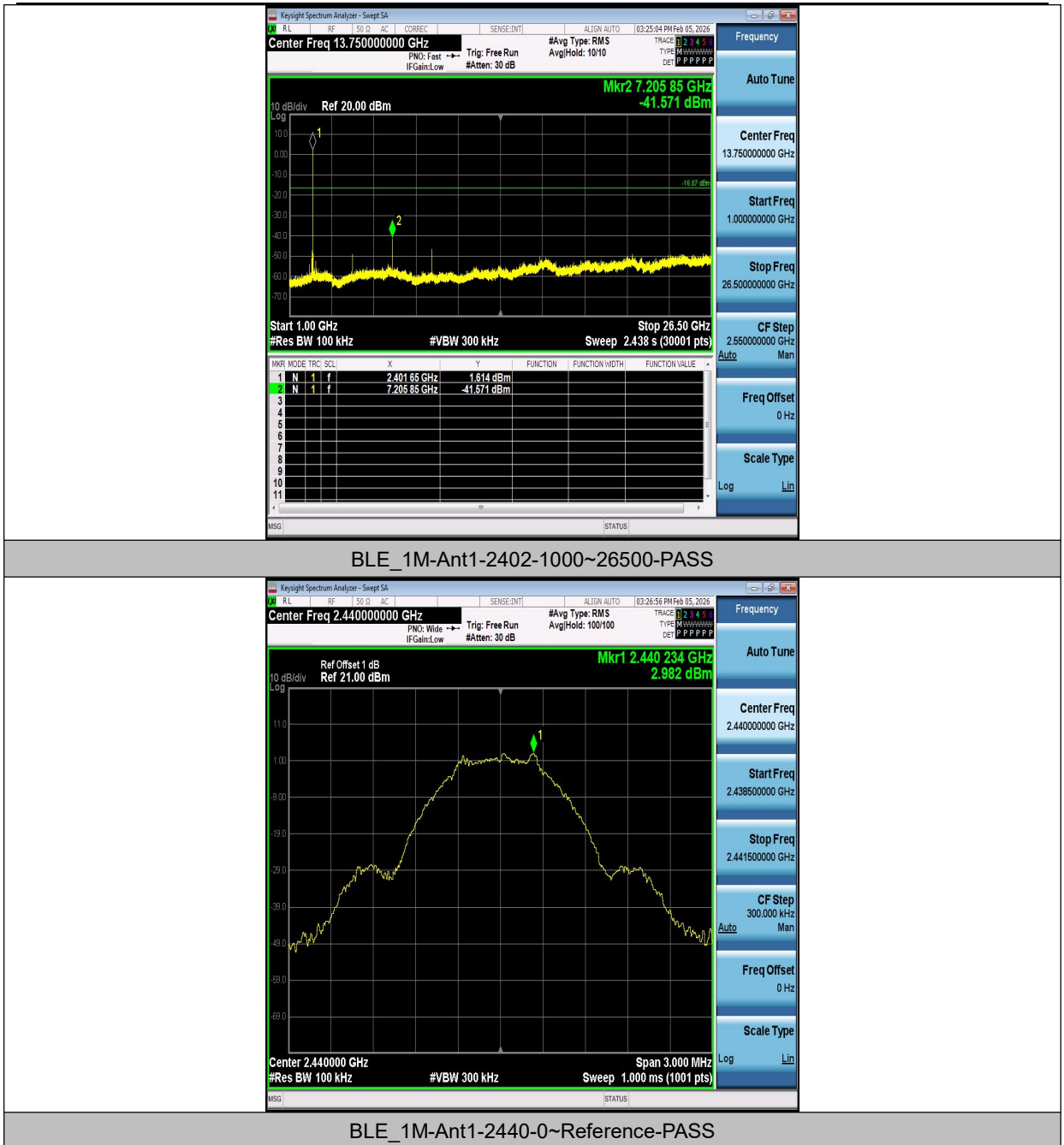
Test Graphs



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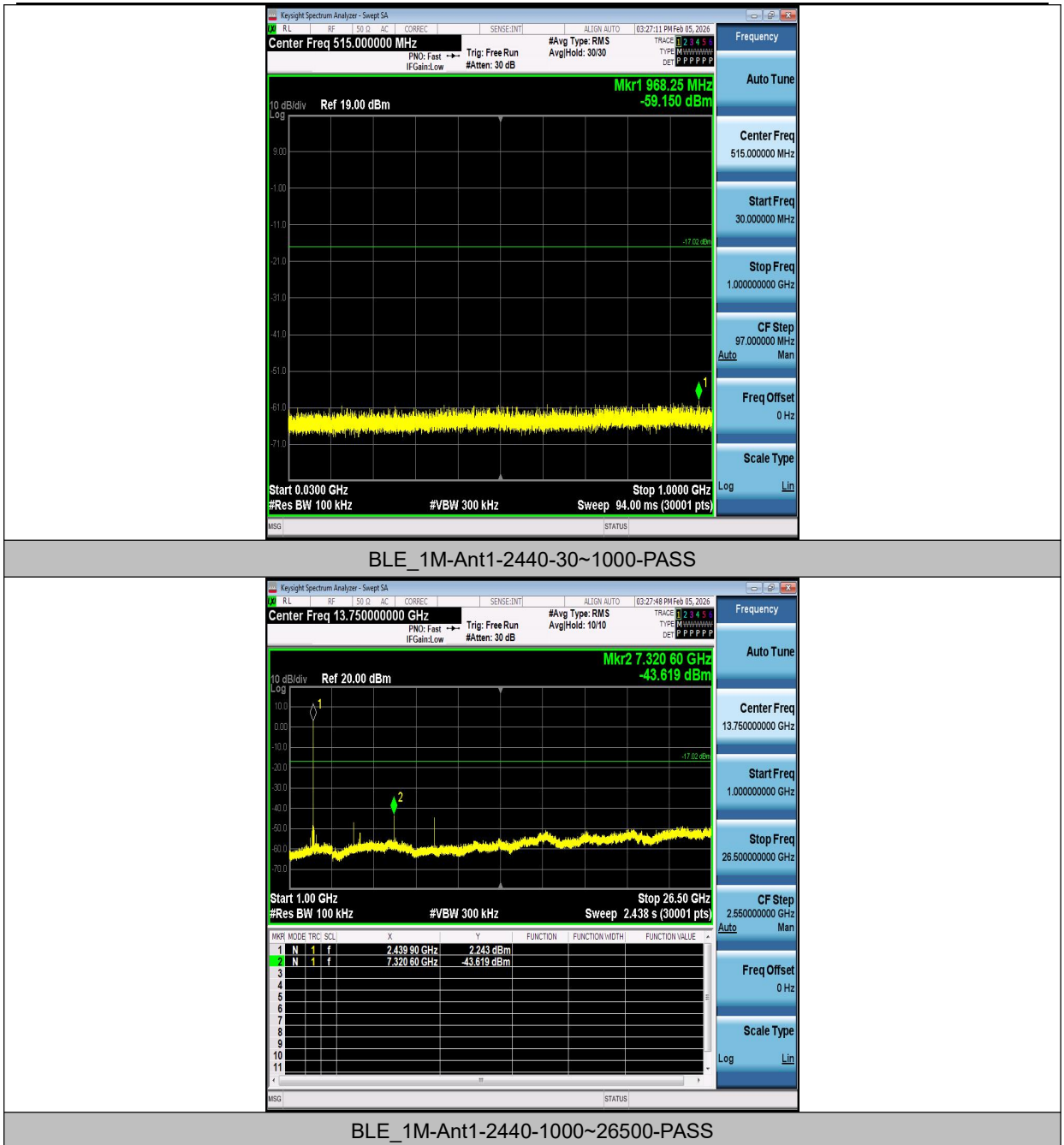
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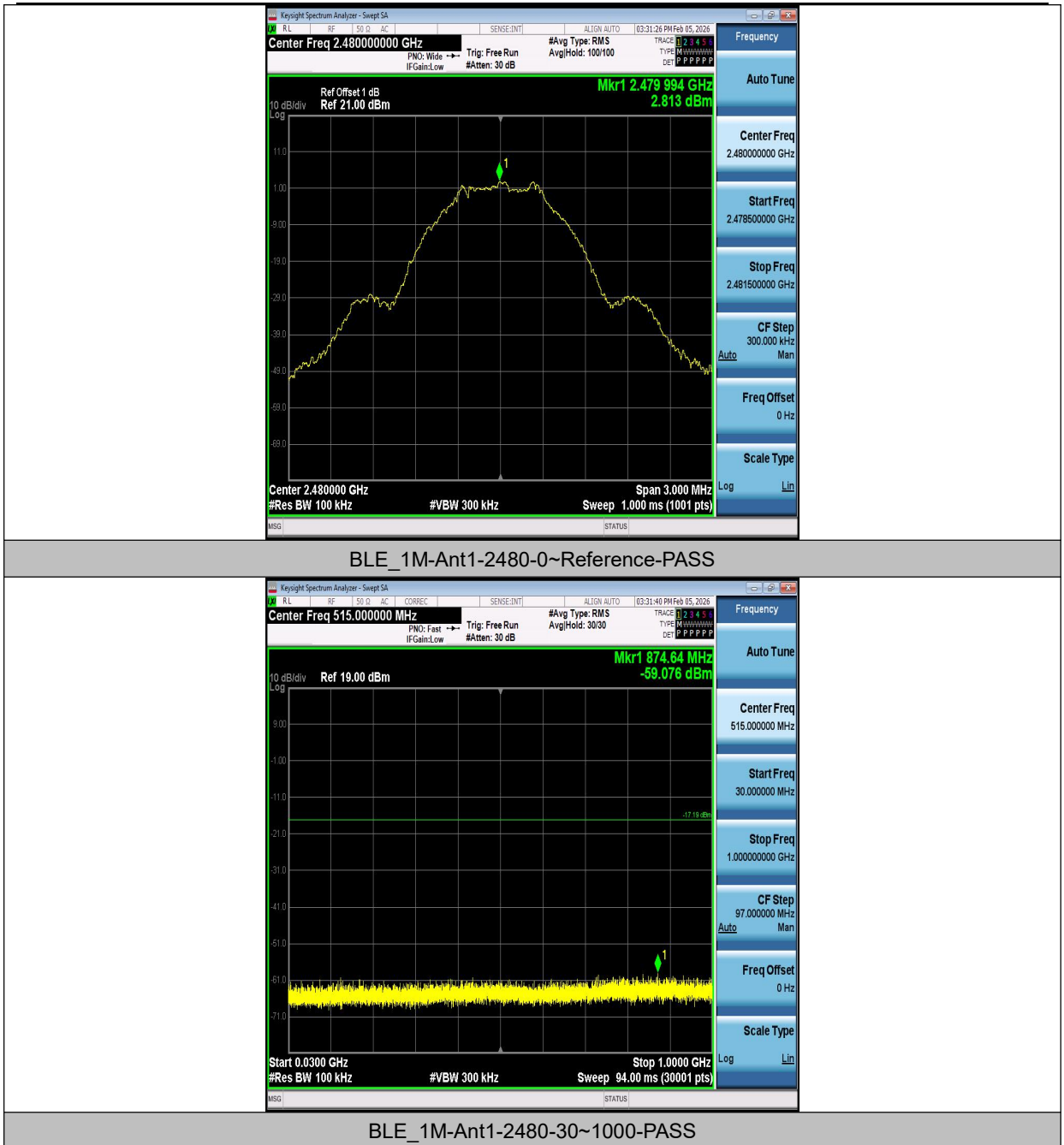
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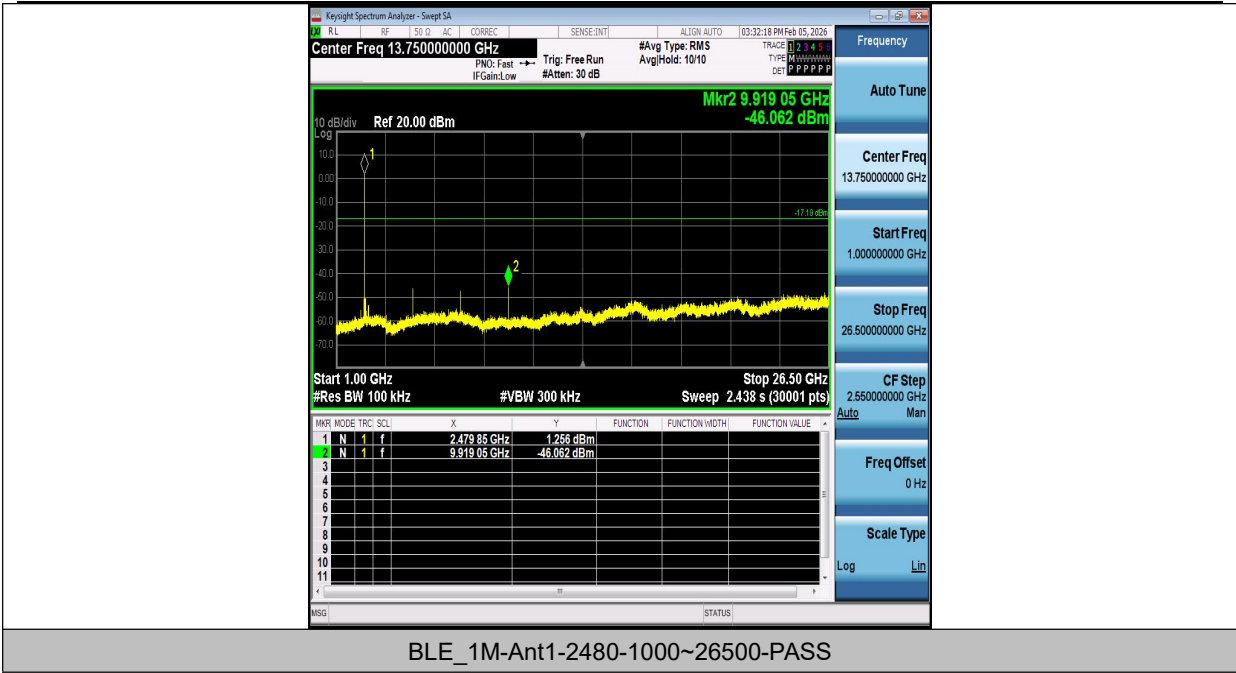
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Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	2.14	2.51	85.26	0.69
BLE_1M	Ant1	2440	2.14	2.51	85.26	0.69
BLE_1M	Ant1	2480	2.13	2.49	85.54	0.68

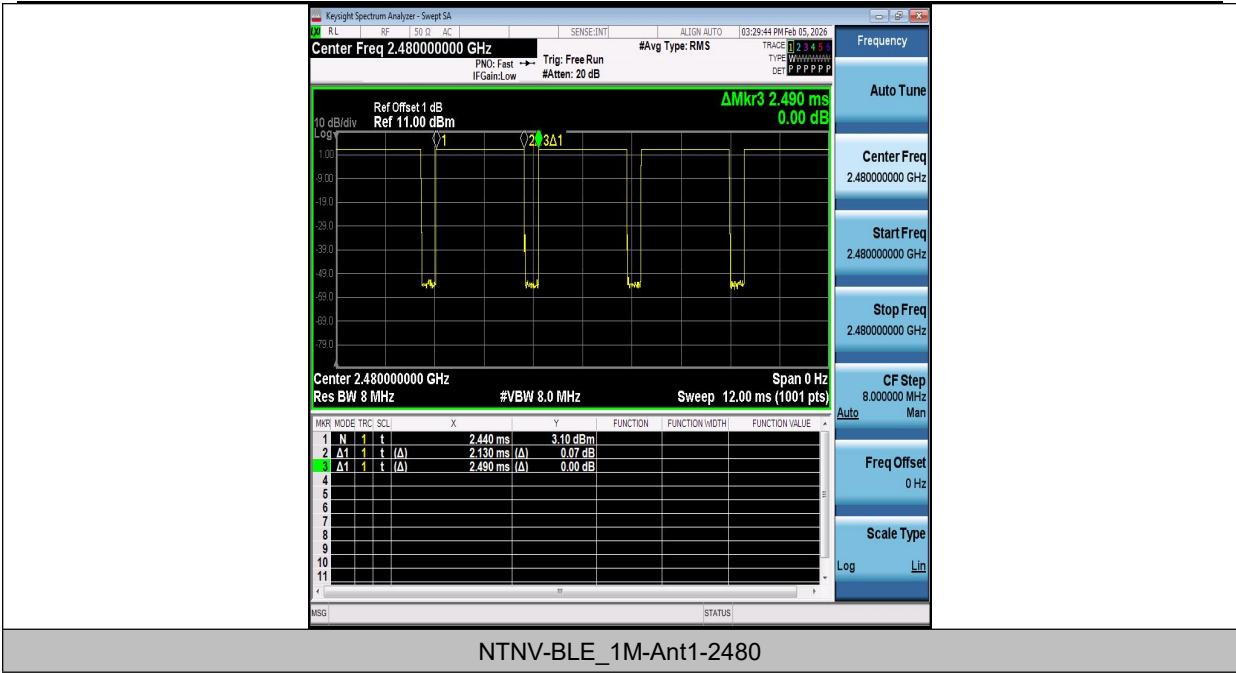
Test Graphs



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