

Appendix Test Data

Report No.:	1812C60417012501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-7-28	Finish Test Date:	2026-7-29
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	24.3°C	Relative Humidity:	72%
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	0.668	2401.648	2402.316	0.5	PASS
BLE_1M	Ant1	2440	0.696	2439.628	2440.324	0.5	PASS
BLE_1M	Ant1	2480	0.676	2479.640	2480.316	0.5	PASS

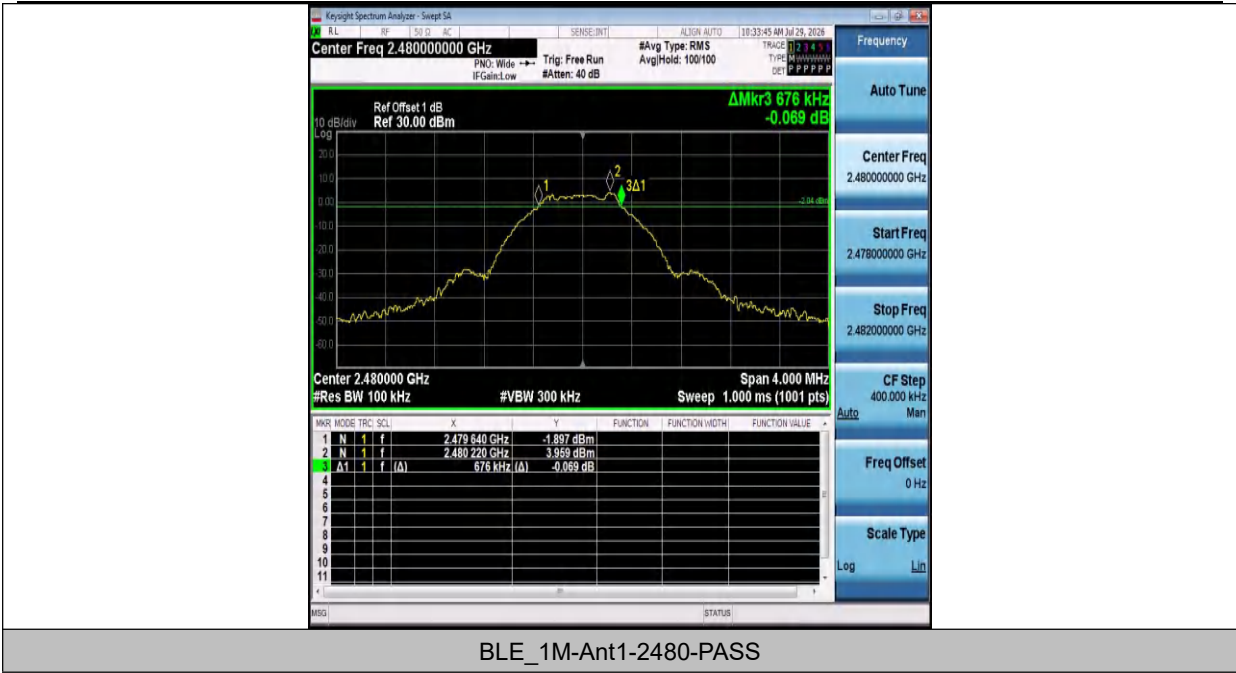
Test Graphs



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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	1.0216	2401.4745	2402.4961	---	---
BLE_1M	Ant1	2440	1.0248	2439.4709	2440.4957	---	---
BLE_1M	Ant1	2480	1.0191	2479.4732	2480.4923	---	---

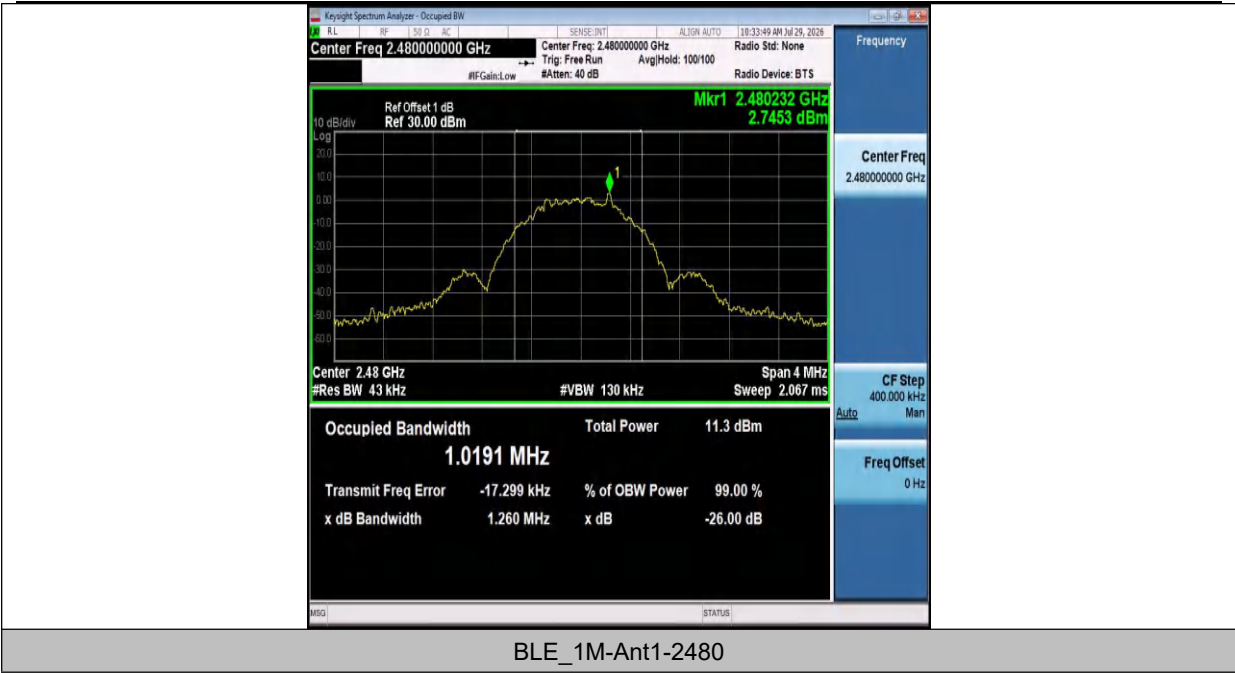
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BLE_1M-Ant1-2480

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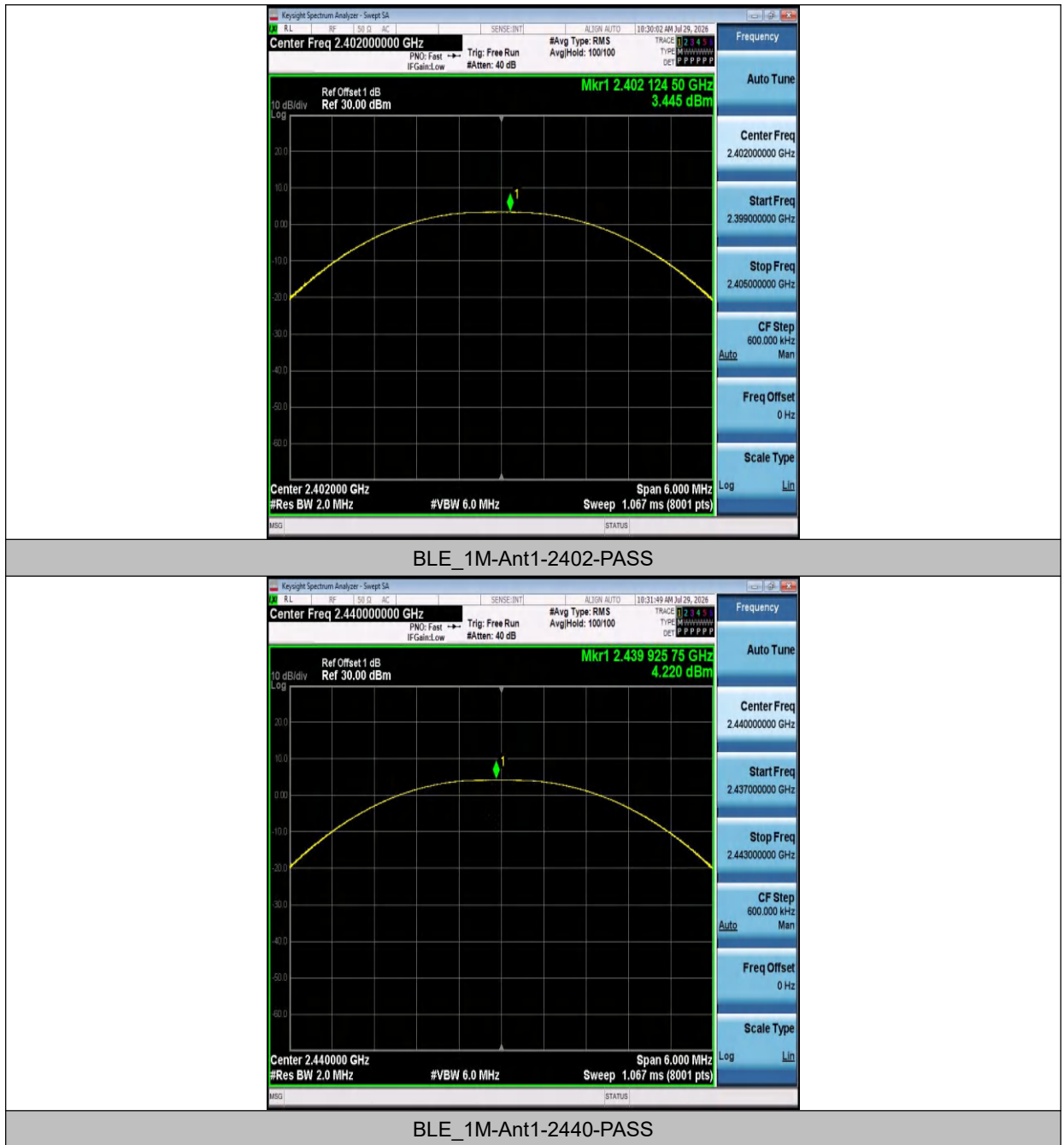
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Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	3.45	≤30	PASS
BLE_1M	Ant1	2440	4.22	≤30	PASS
BLE_1M	Ant1	2480	4.38	≤30	PASS

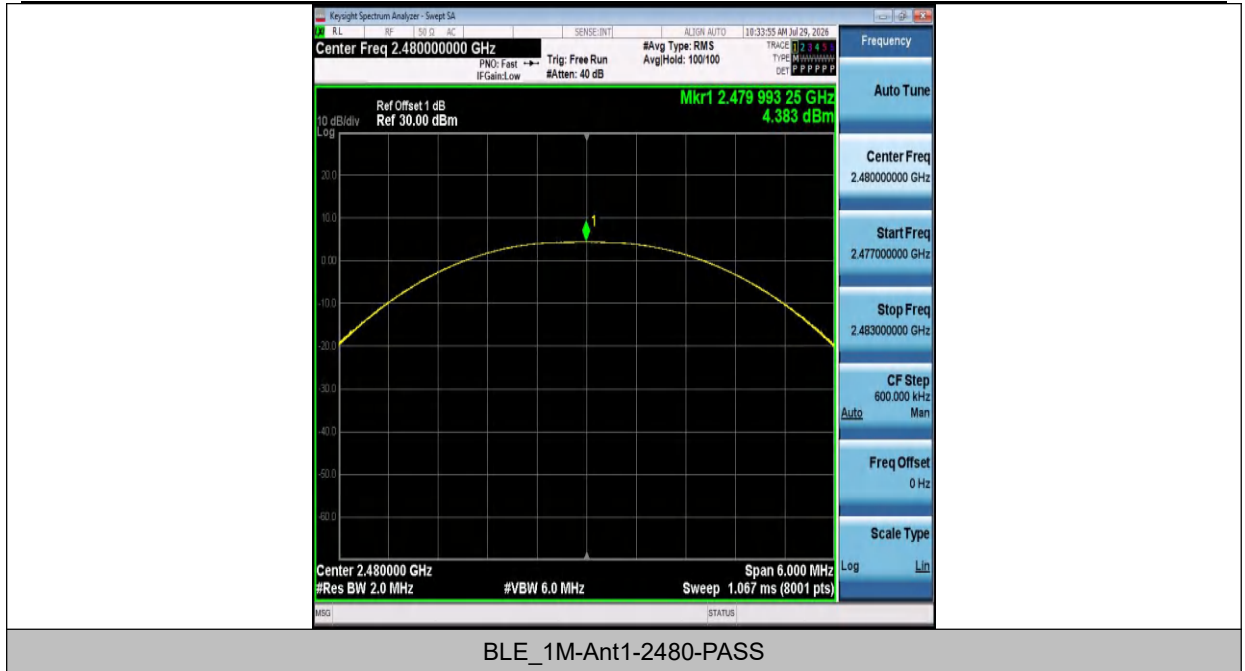
Test Graphs Peak



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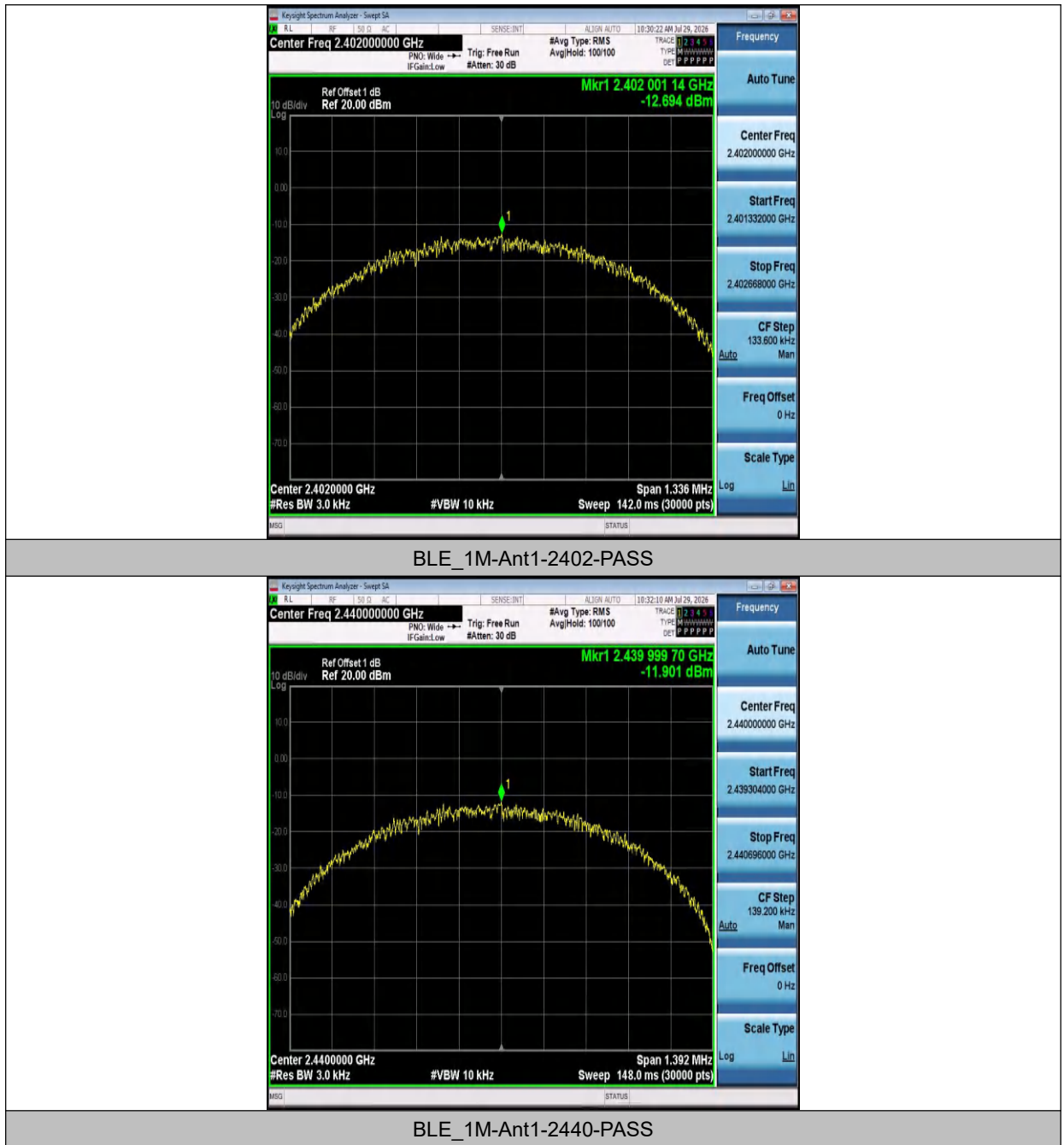
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-12.69	≤8.00	PASS
BLE_1M	Ant1	2440	-11.90	≤8.00	PASS
BLE_1M	Ant1	2480	-11.65	≤8.00	PASS

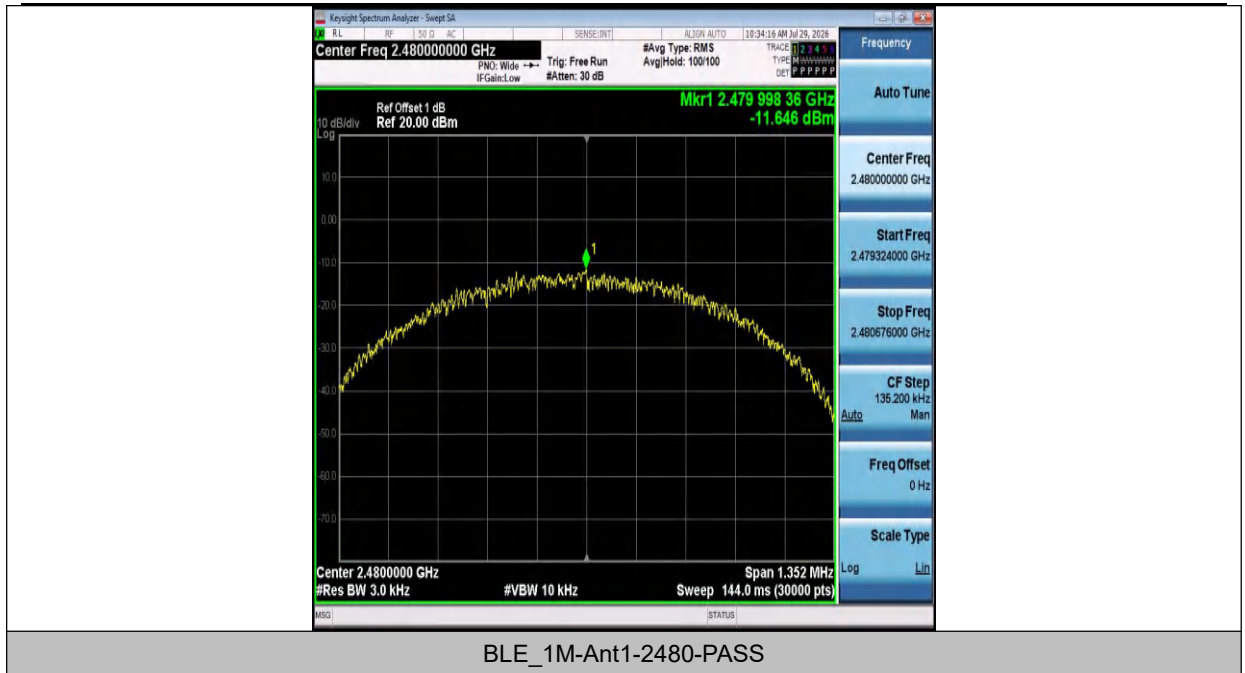
Test Graphs



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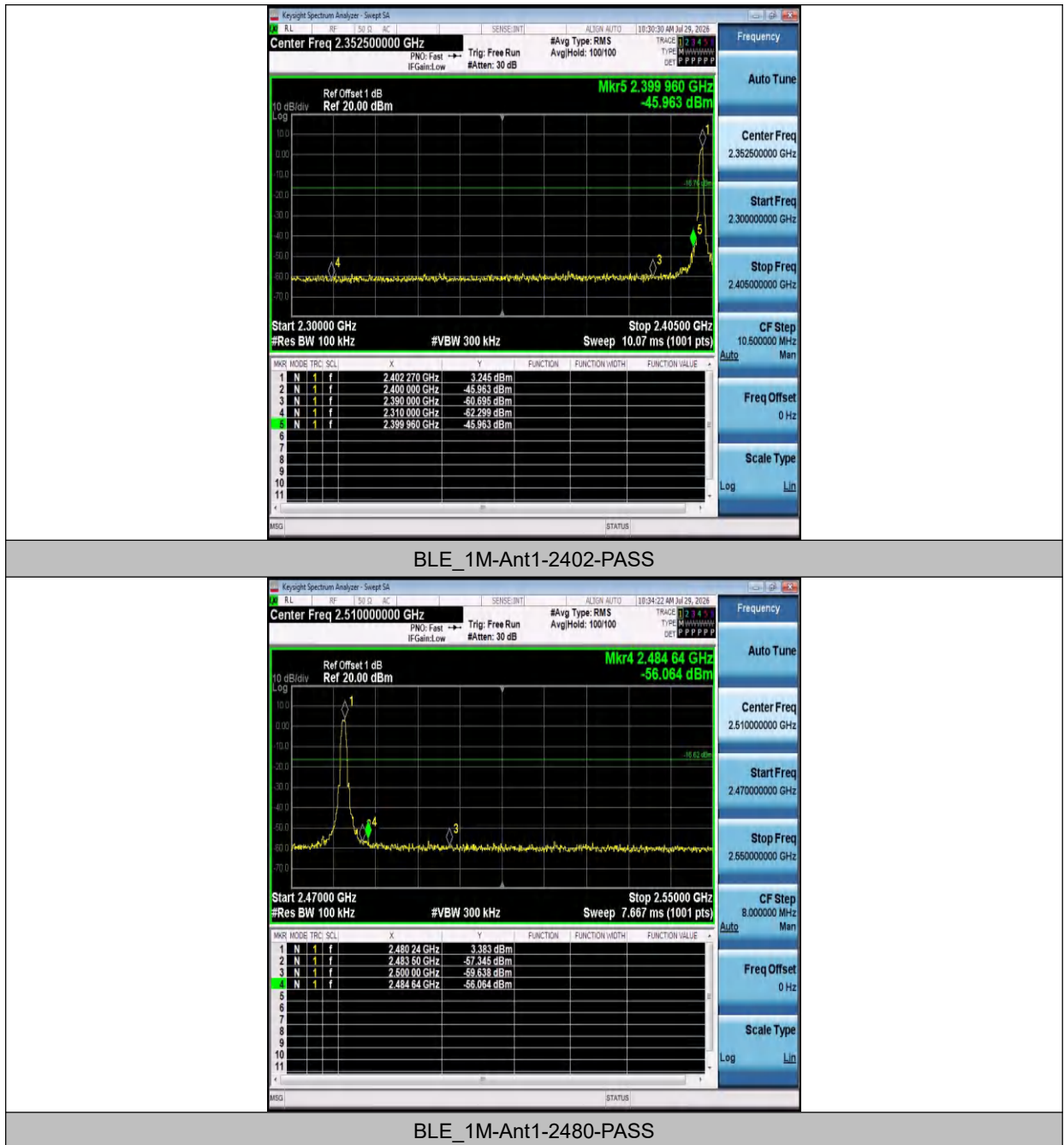
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	3.25	-45.96	≤-16.76	PASS
BLE_1M	Ant1	High	2480	3.38	-56.06	≤-16.62	PASS

Test Graphs



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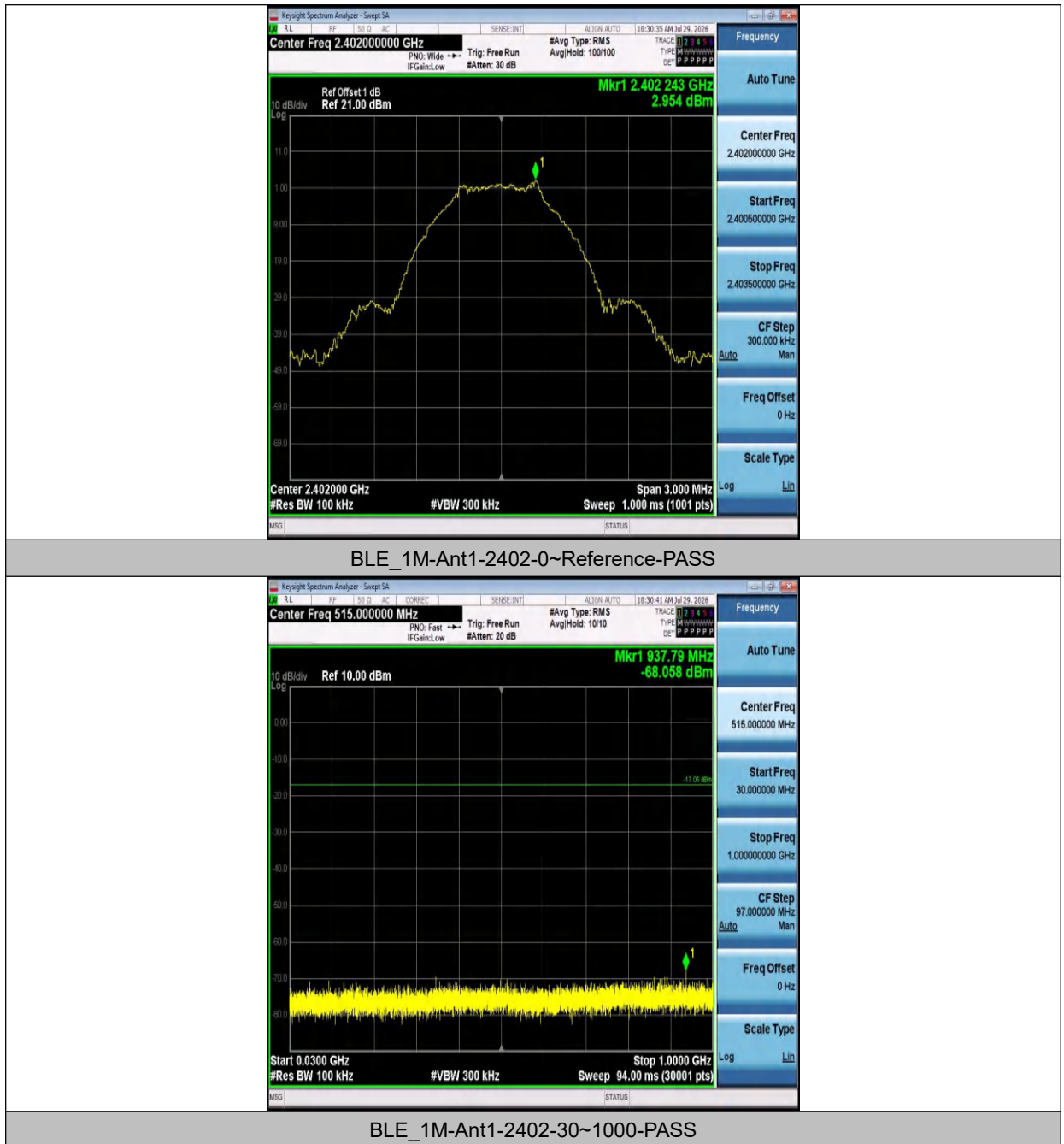
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	2.95	2.95	---	PASS
BLE_1M	Ant1	2402	30~1000	2.95	-68.06	≤-17.05	PASS
BLE_1M	Ant1	2402	1000~26500	2.95	-41.26	≤-17.05	PASS
BLE_1M	Ant1	2440	0~Reference	2.91	2.91	---	PASS
BLE_1M	Ant1	2440	30~1000	2.91	-68.98	≤-17.09	PASS
BLE_1M	Ant1	2440	1000~26500	2.91	-40.85	≤-17.09	PASS
BLE_1M	Ant1	2480	0~Reference	4.18	4.18	---	PASS
BLE_1M	Ant1	2480	30~1000	4.18	-68.05	≤-15.82	PASS
BLE_1M	Ant1	2480	1000~26500	4.18	-41.44	≤-15.82	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.

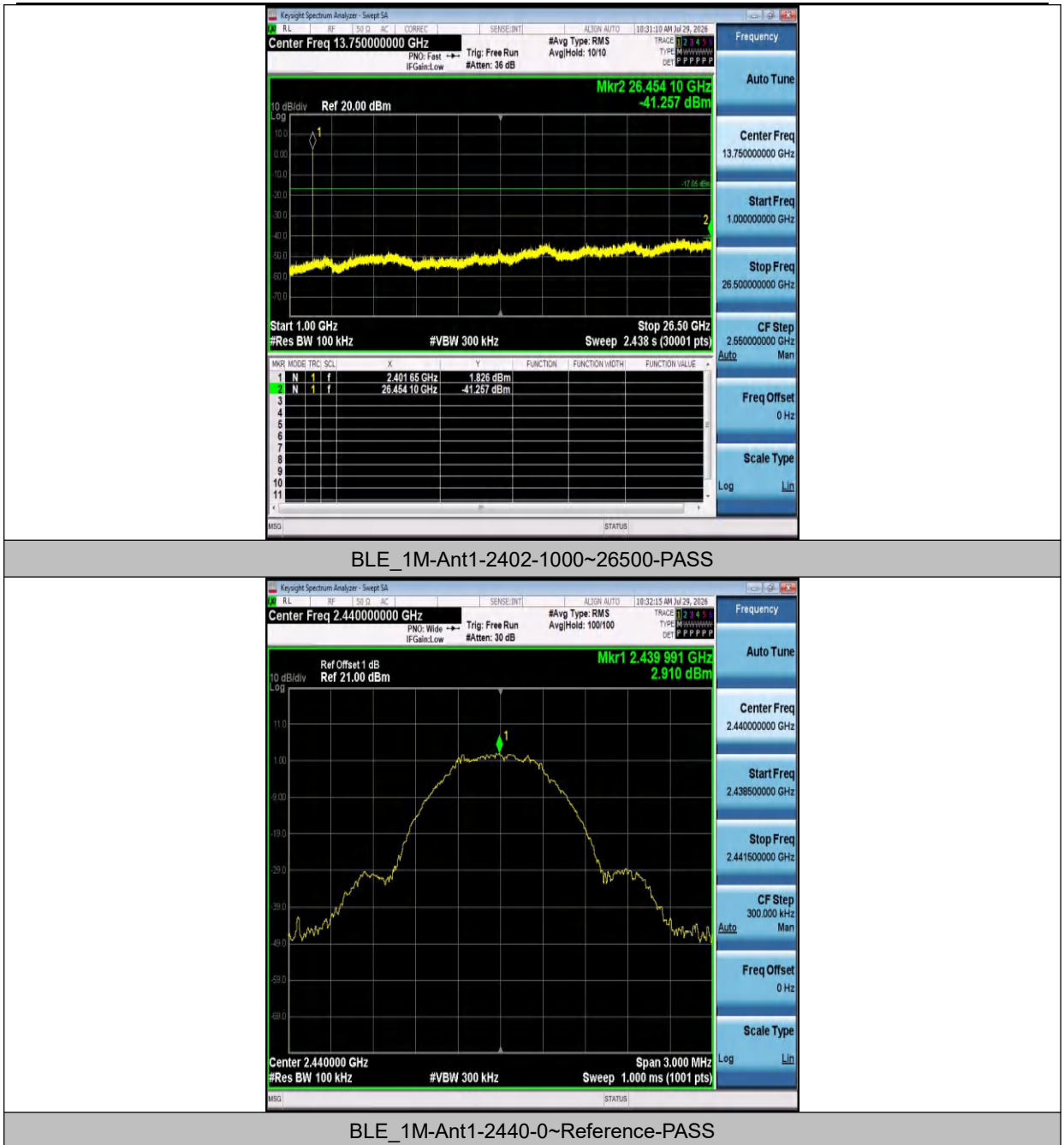
Test Graphs



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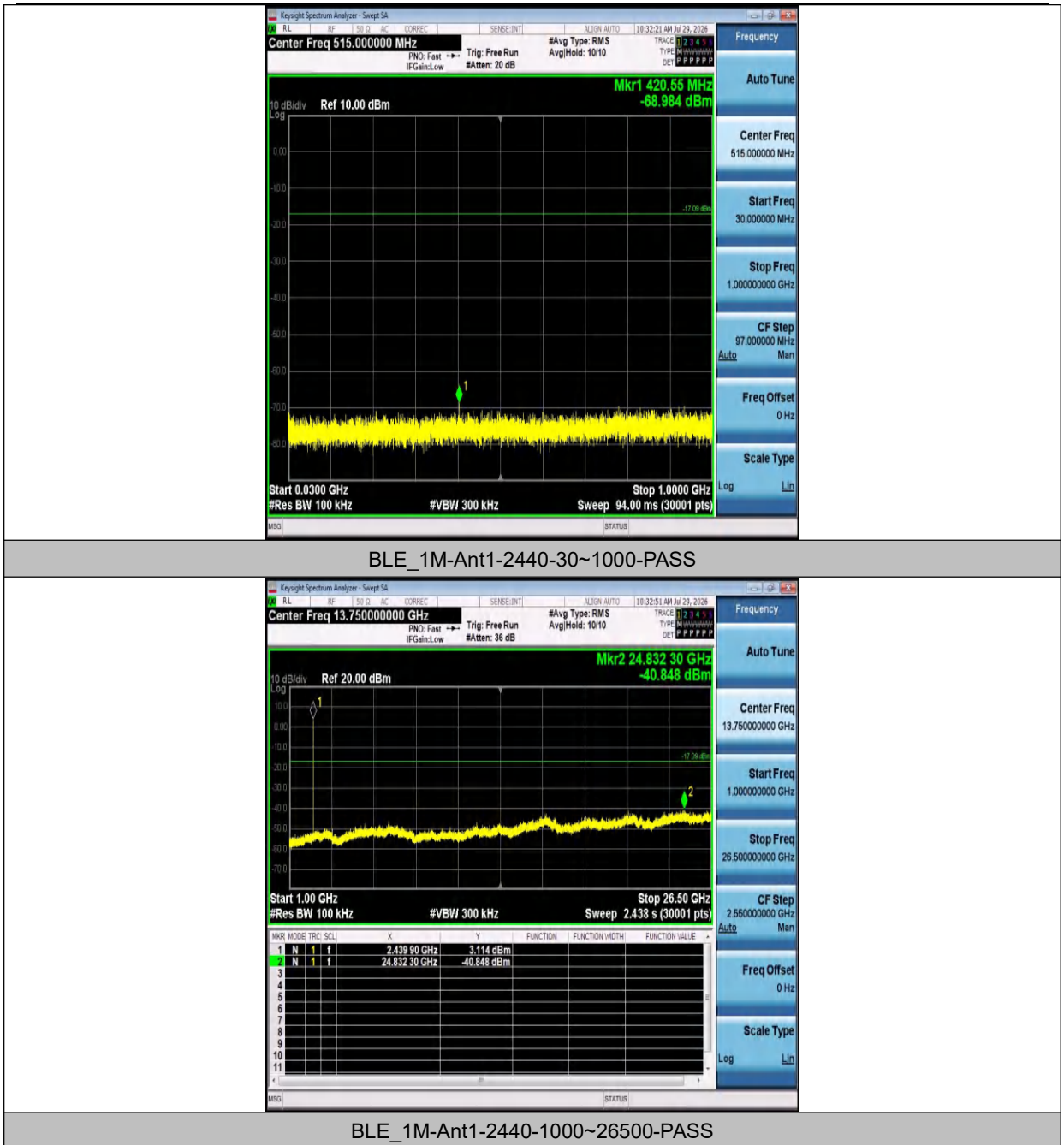
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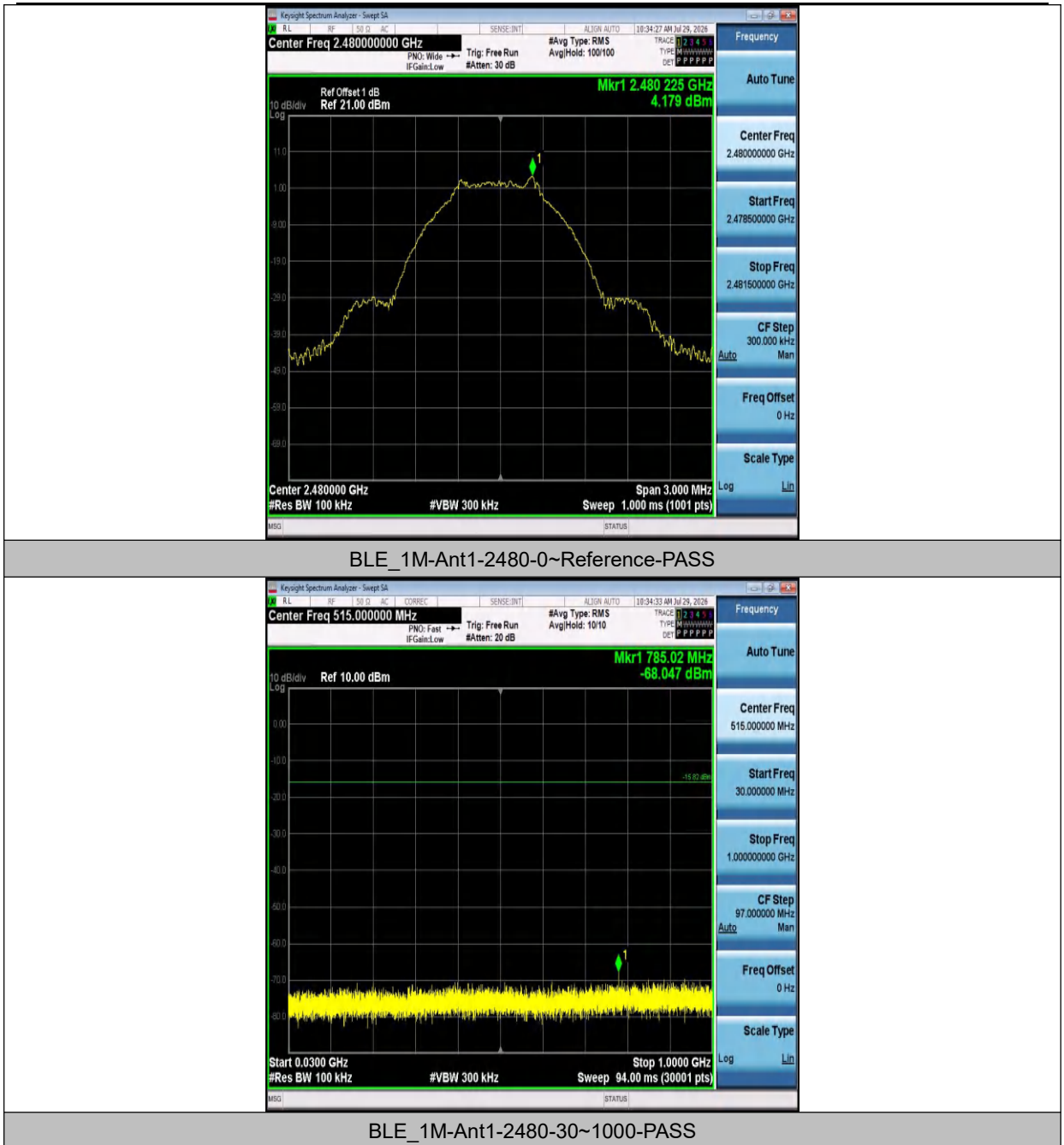
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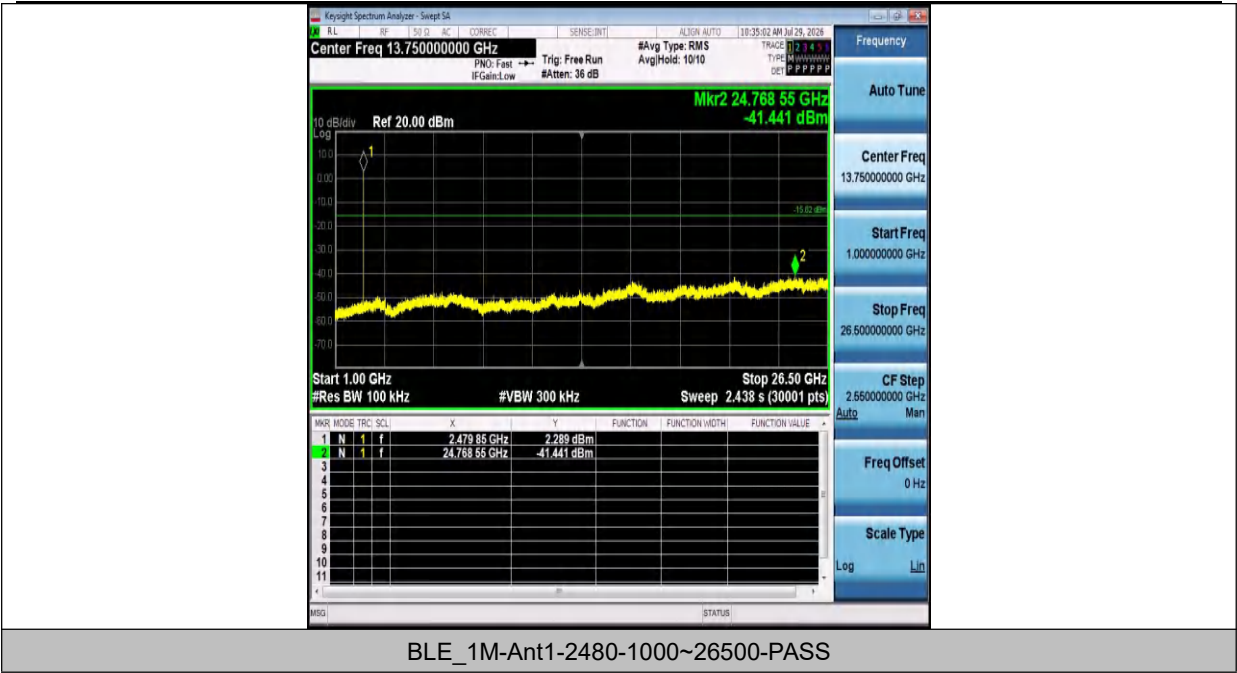
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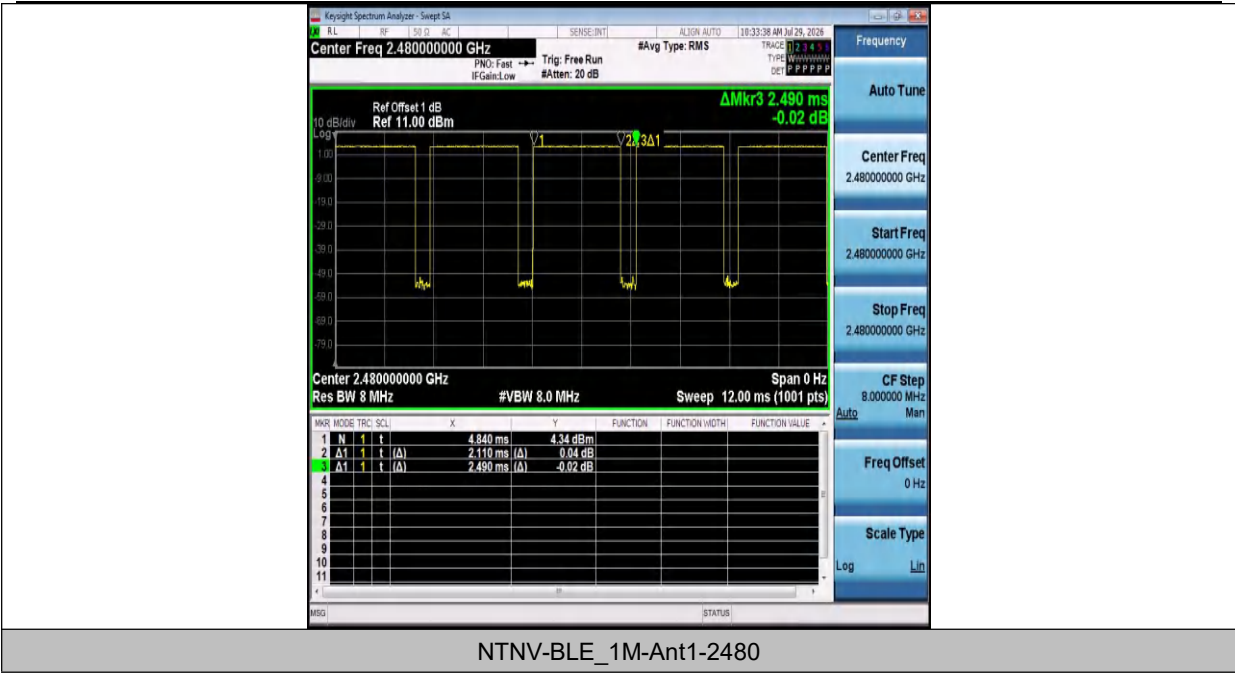
Appendix G: Duty Cycle

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	2.51	84.46	0.73
BLE_1M	Ant1	2480	2.11	2.49	84.74	0.72

Test Graphs





NTNV-BLE_1M-Ant1-2480

---End---