

Appendix Test Data

Report No.:	1812C60328712501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-6-16	Finish Test Date:	2026-6-18
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	24.2°C	Relative Humidity:	73%
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	0.756	2401.620	2402.376	0.5	PASS
BLE_1M	Ant1	2440	0.728	2439.612	2440.340	0.5	PASS
BLE_1M	Ant1	2480	0.764	2479.604	2480.368	0.5	PASS

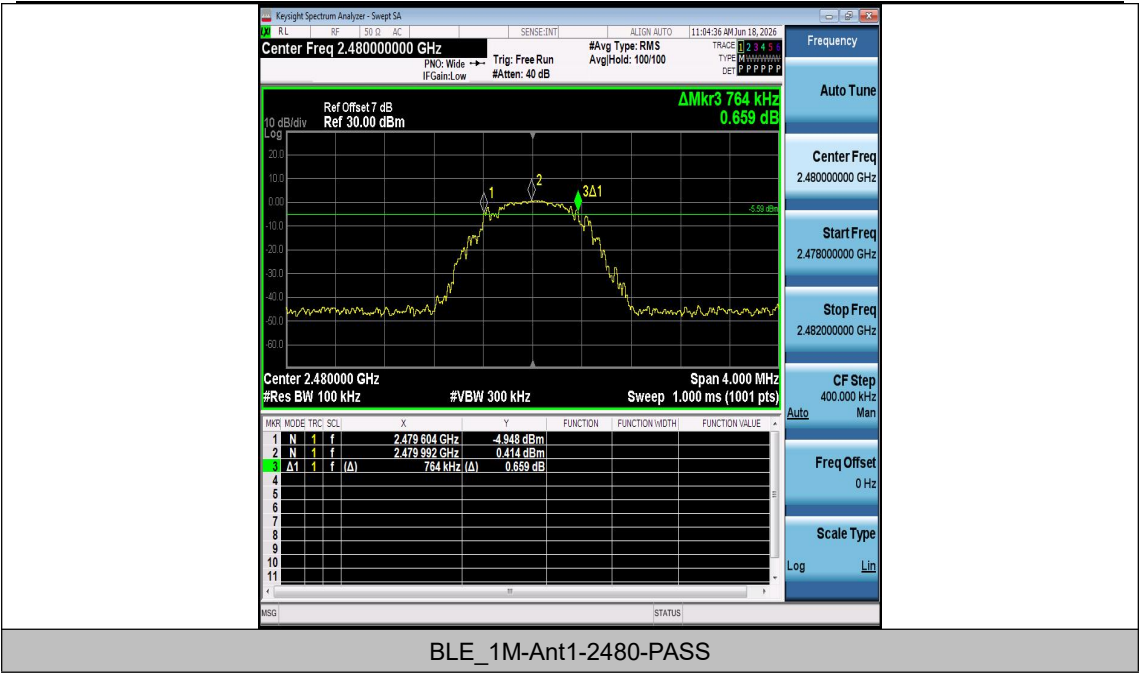
Test Graphs



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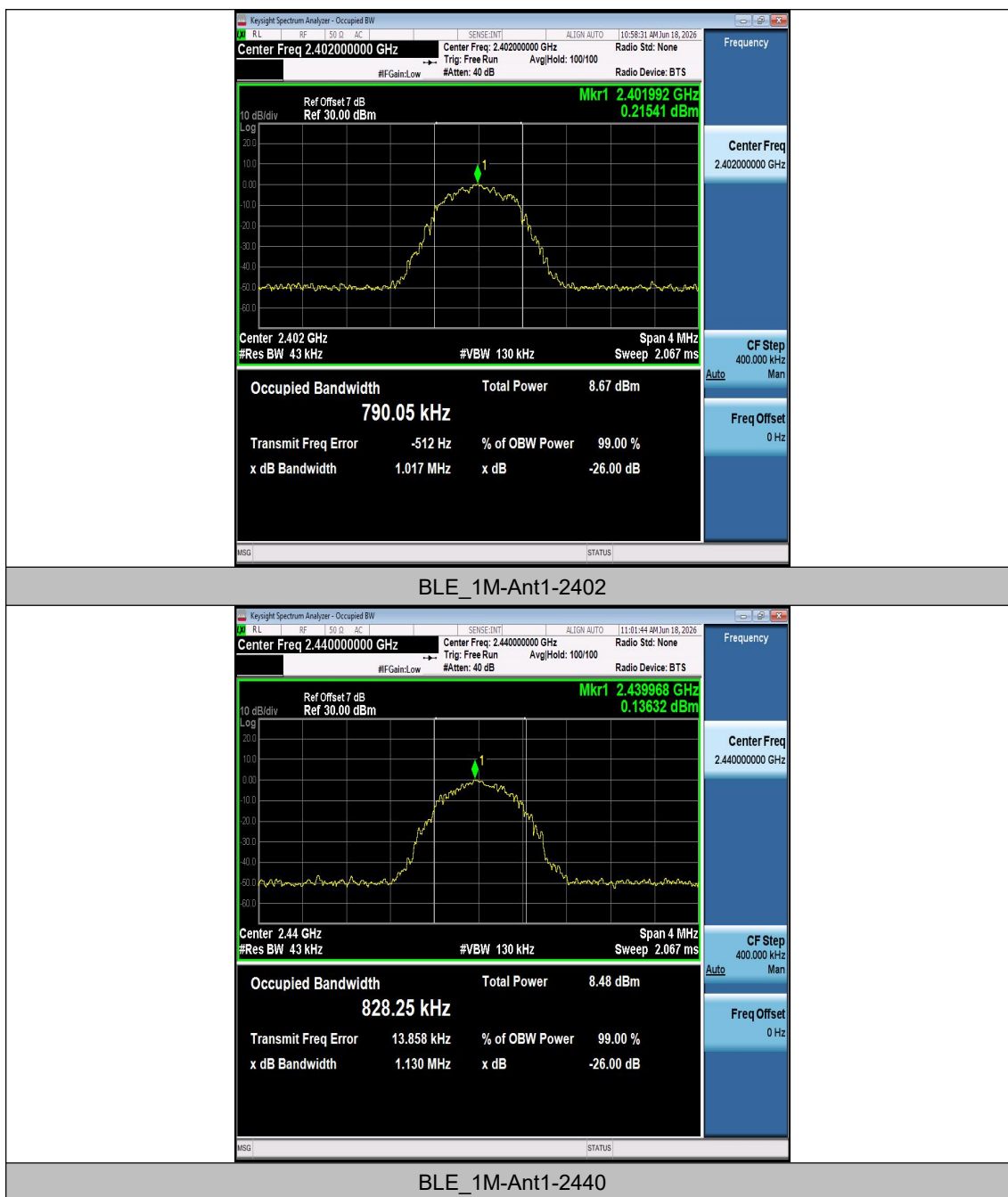
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Appendix B: 99% Occupied Bandwidth**Test Result**

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.79005	2401.6045	2402.3945	---	---
BLE_1M	Ant1	2440	0.82825	2439.5997	2440.4280	---	---
BLE_1M	Ant1	2480	0.82372	2479.6282	2480.4519	---	---

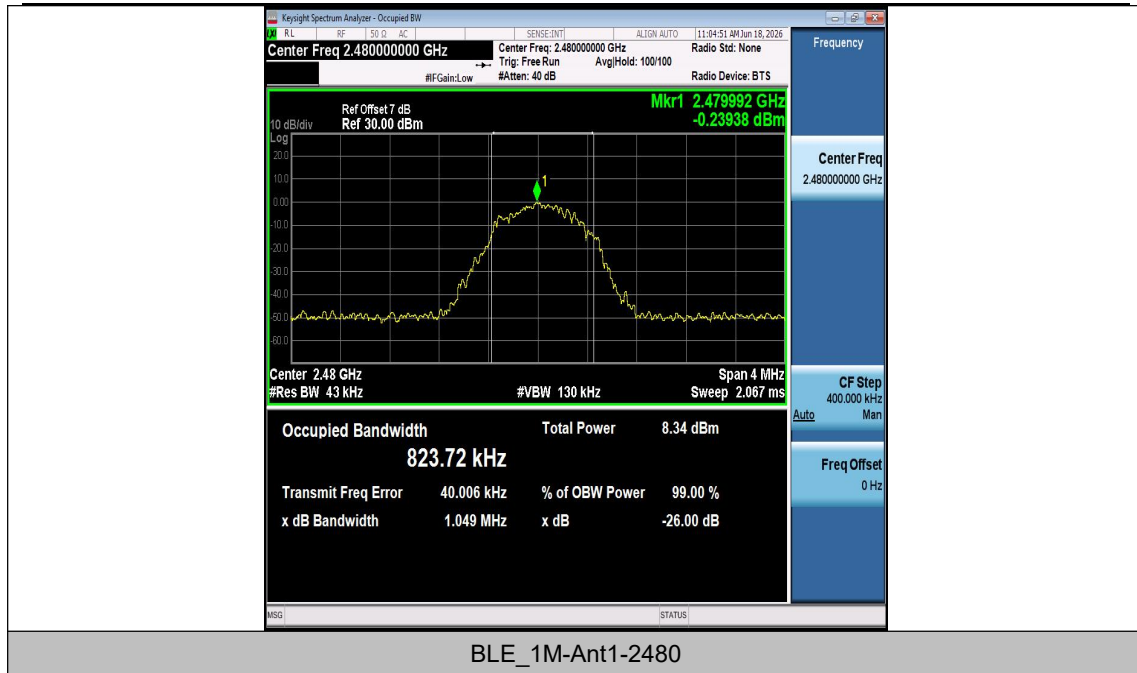
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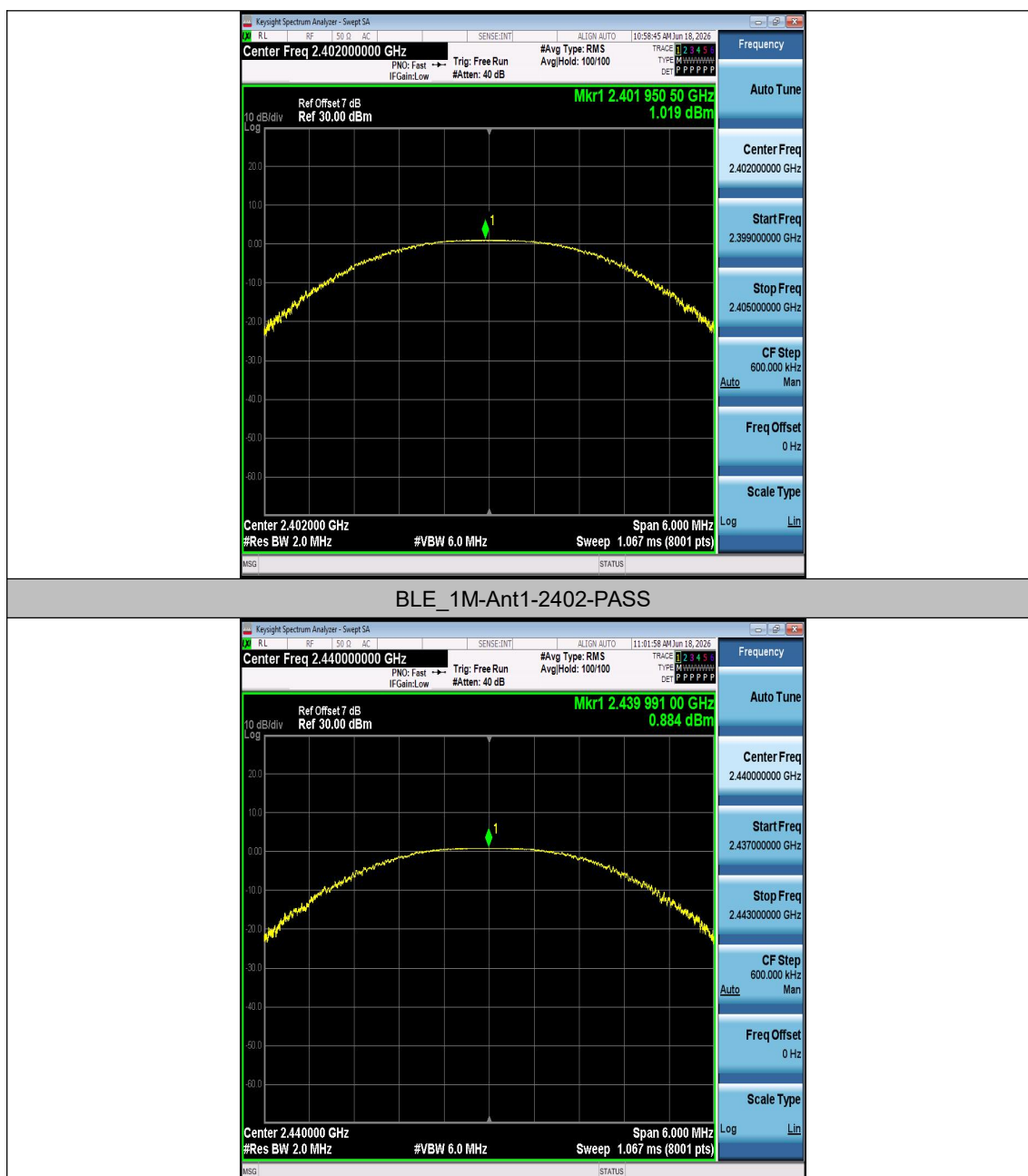
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Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	1.02	≤30	PASS
BLE_1M	Ant1	2440	0.88	≤30	PASS
BLE_1M	Ant1	2480	0.72	≤30	PASS

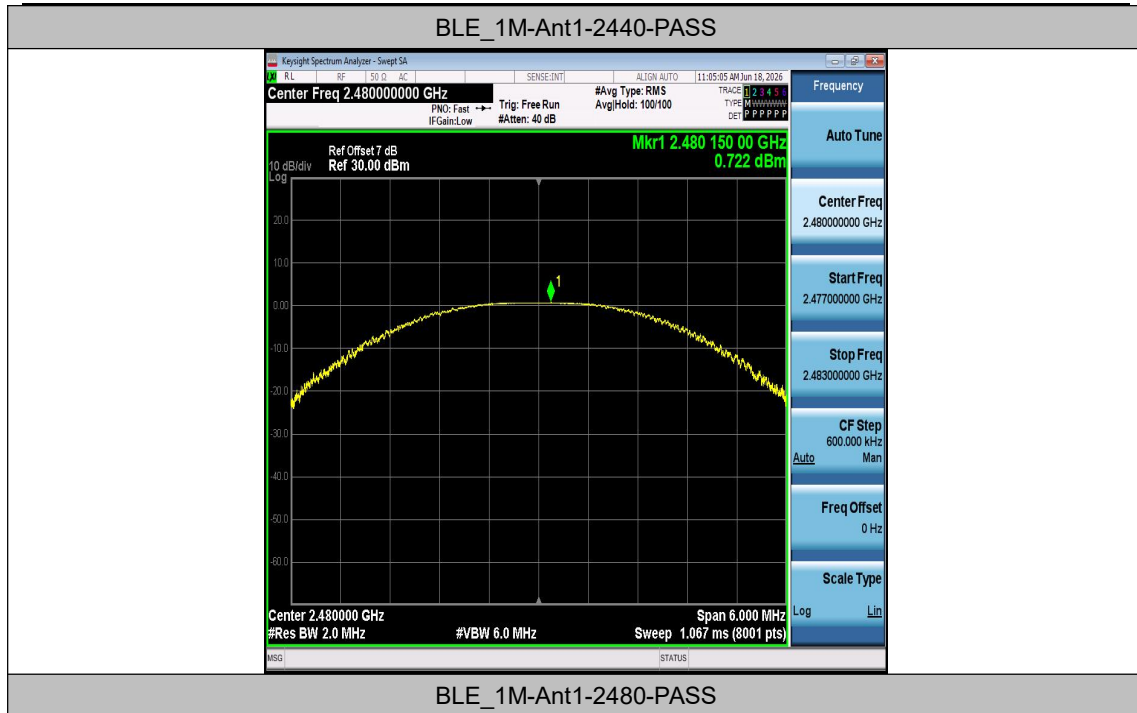
Test Graphs Peak



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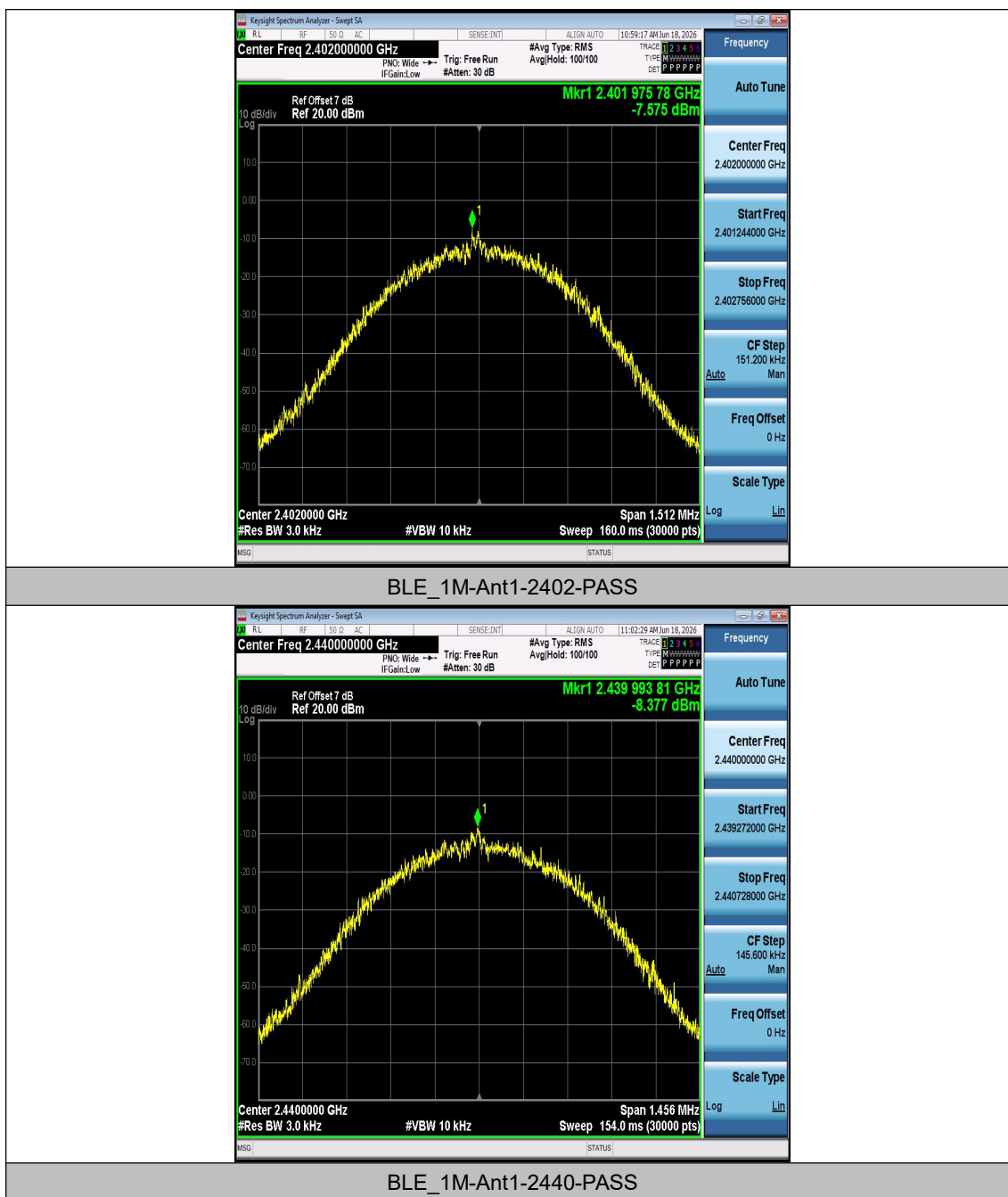
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-7.58	≤8.00	PASS
BLE_1M	Ant1	2440	-8.38	≤8.00	PASS
BLE_1M	Ant1	2480	-8.63	≤8.00	PASS

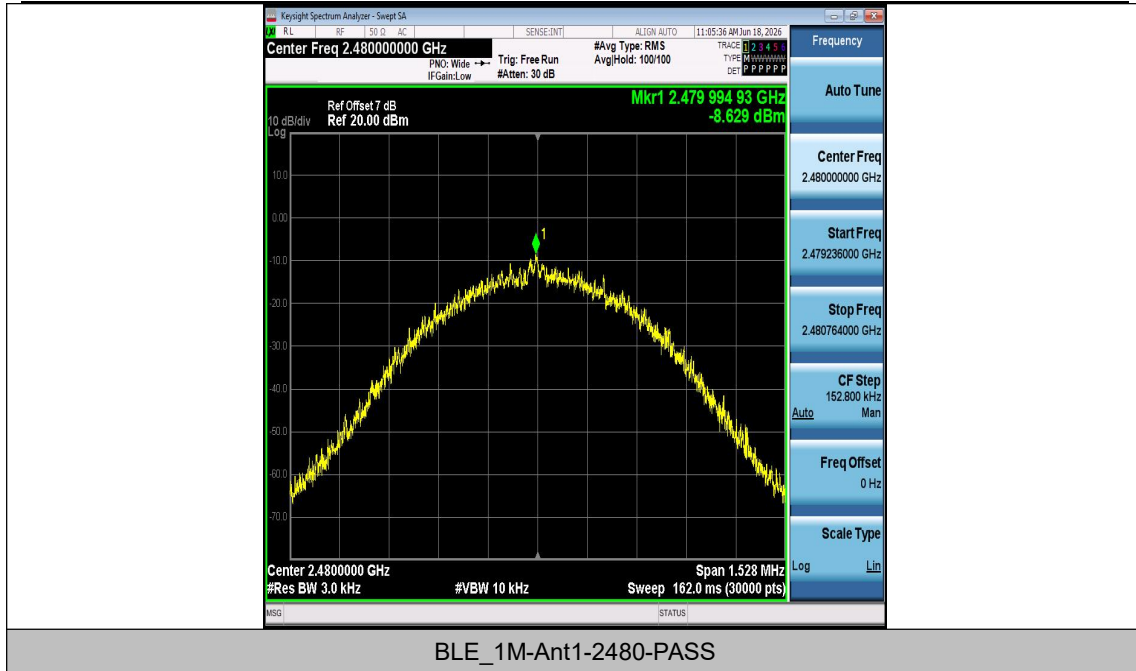
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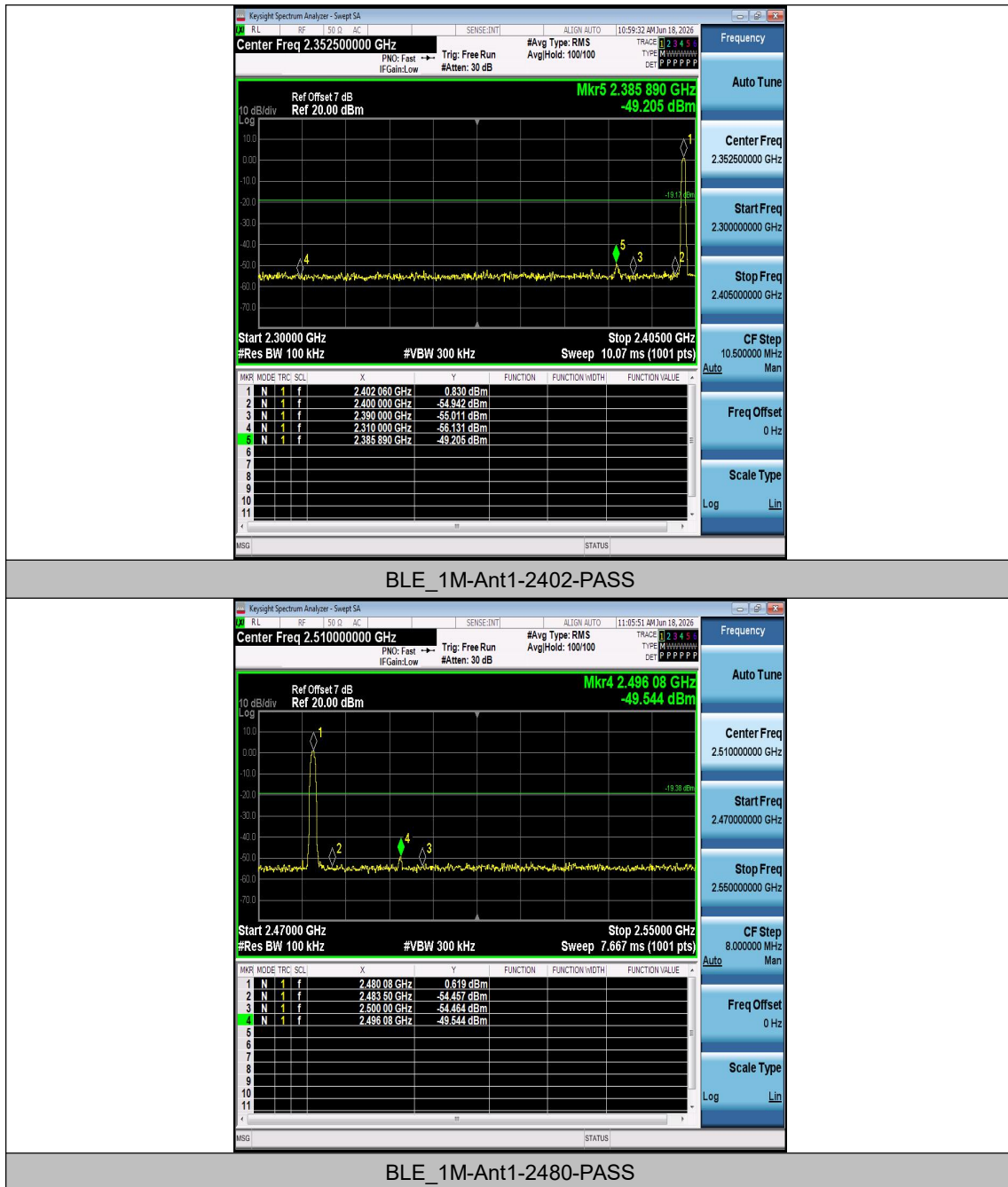
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	0.83	-49.21	≤-19.17	PASS
BLE_1M	Ant1	High	2480	0.62	-49.54	≤-19.38	PASS

Test Graphs



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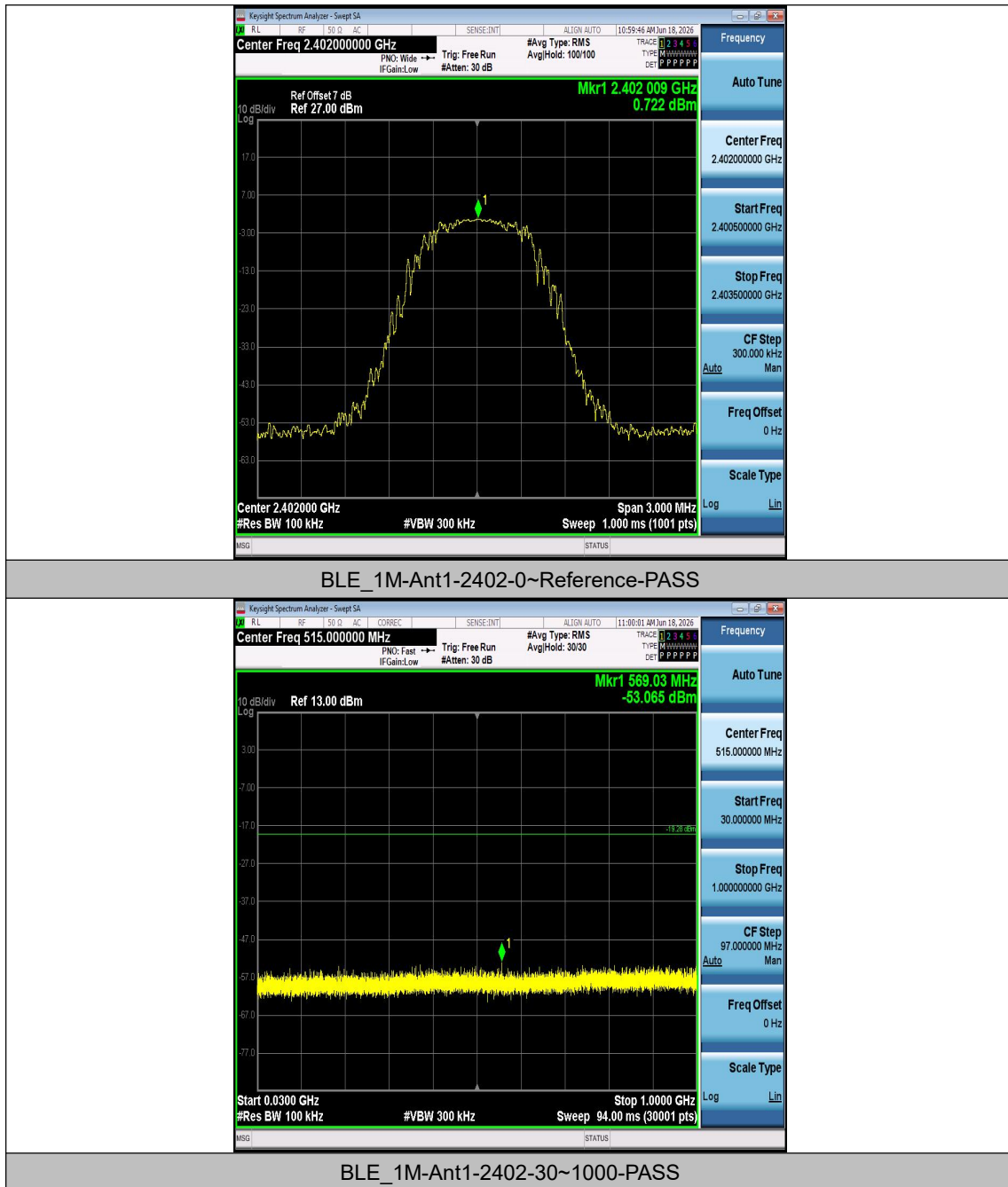
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	0.72	0.72	---	PASS
BLE_1M	Ant1	2402	30~1000	0.72	-53.07	≤-19.28	PASS
BLE_1M	Ant1	2402	1000~26500	0.72	-40.52	≤-19.28	PASS
BLE_1M	Ant1	2440	0~Reference	0.60	0.60	---	PASS
BLE_1M	Ant1	2440	30~1000	0.60	-53	≤-19.4	PASS
BLE_1M	Ant1	2440	1000~26500	0.60	-41.9	≤-19.4	PASS
BLE_1M	Ant1	2480	0~Reference	0.50	0.50	---	PASS
BLE_1M	Ant1	2480	30~1000	0.50	-33.21	≤-19.5	PASS
BLE_1M	Ant1	2480	1000~26500	0.50	-38.1	≤-19.5	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.

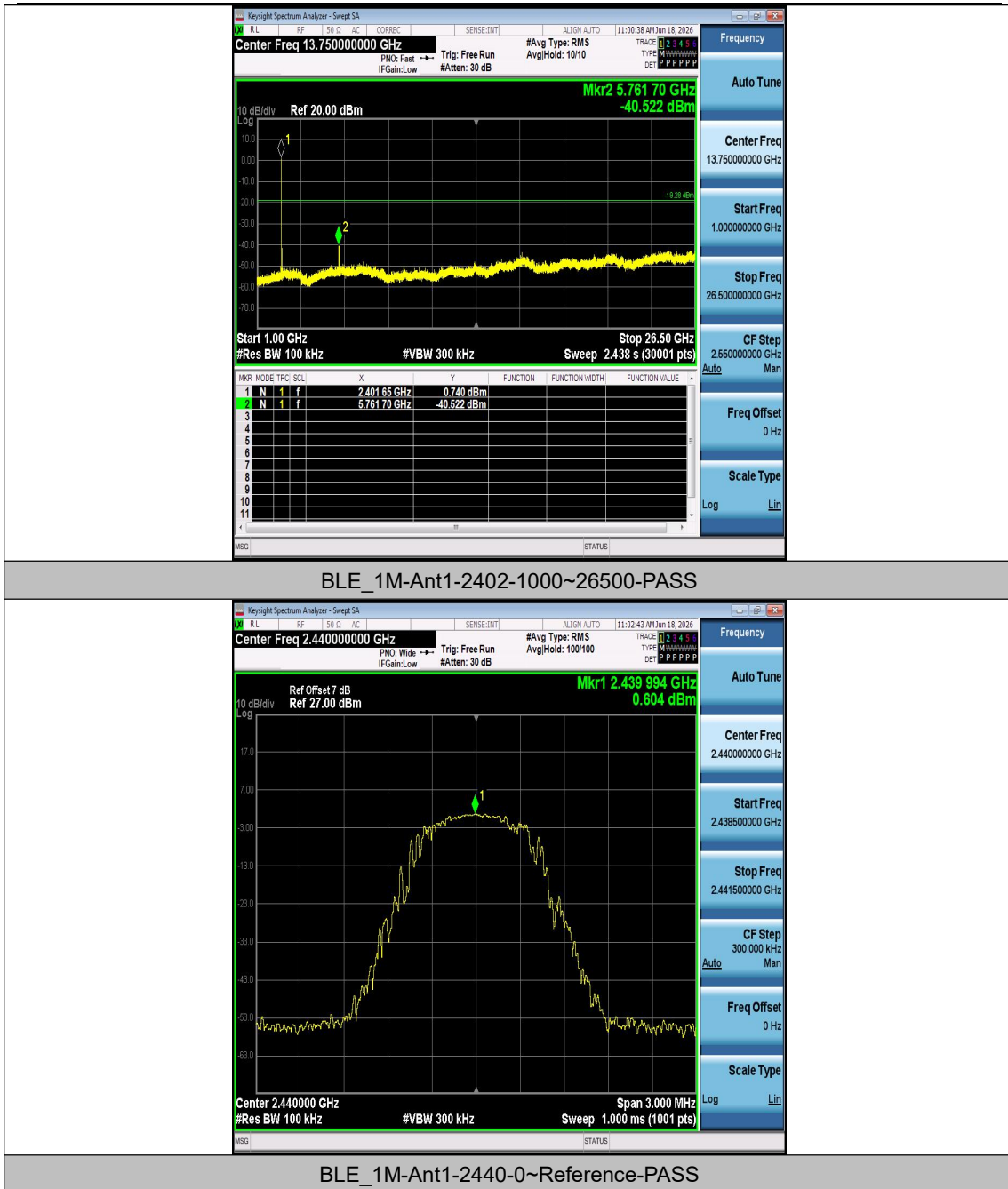
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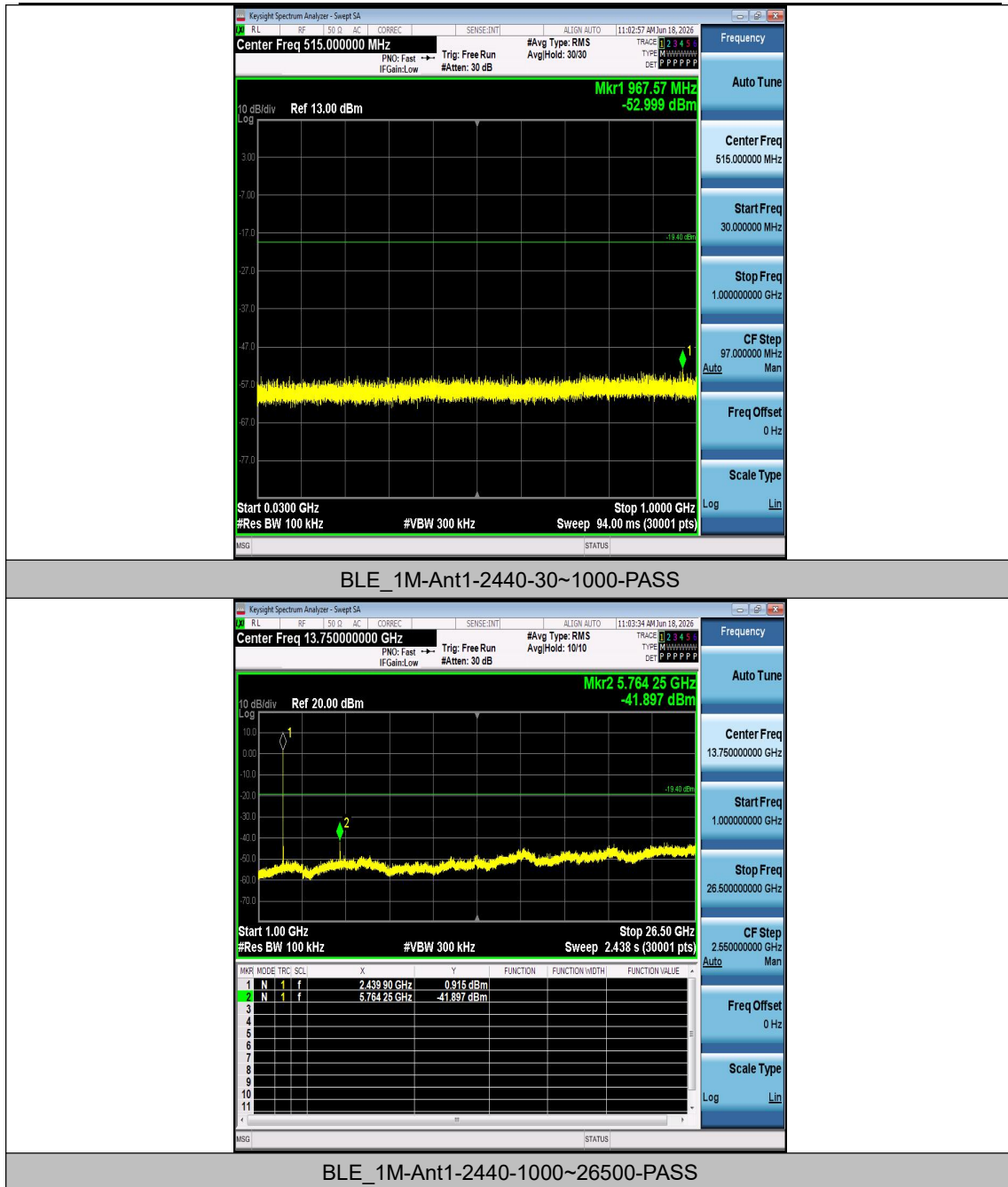
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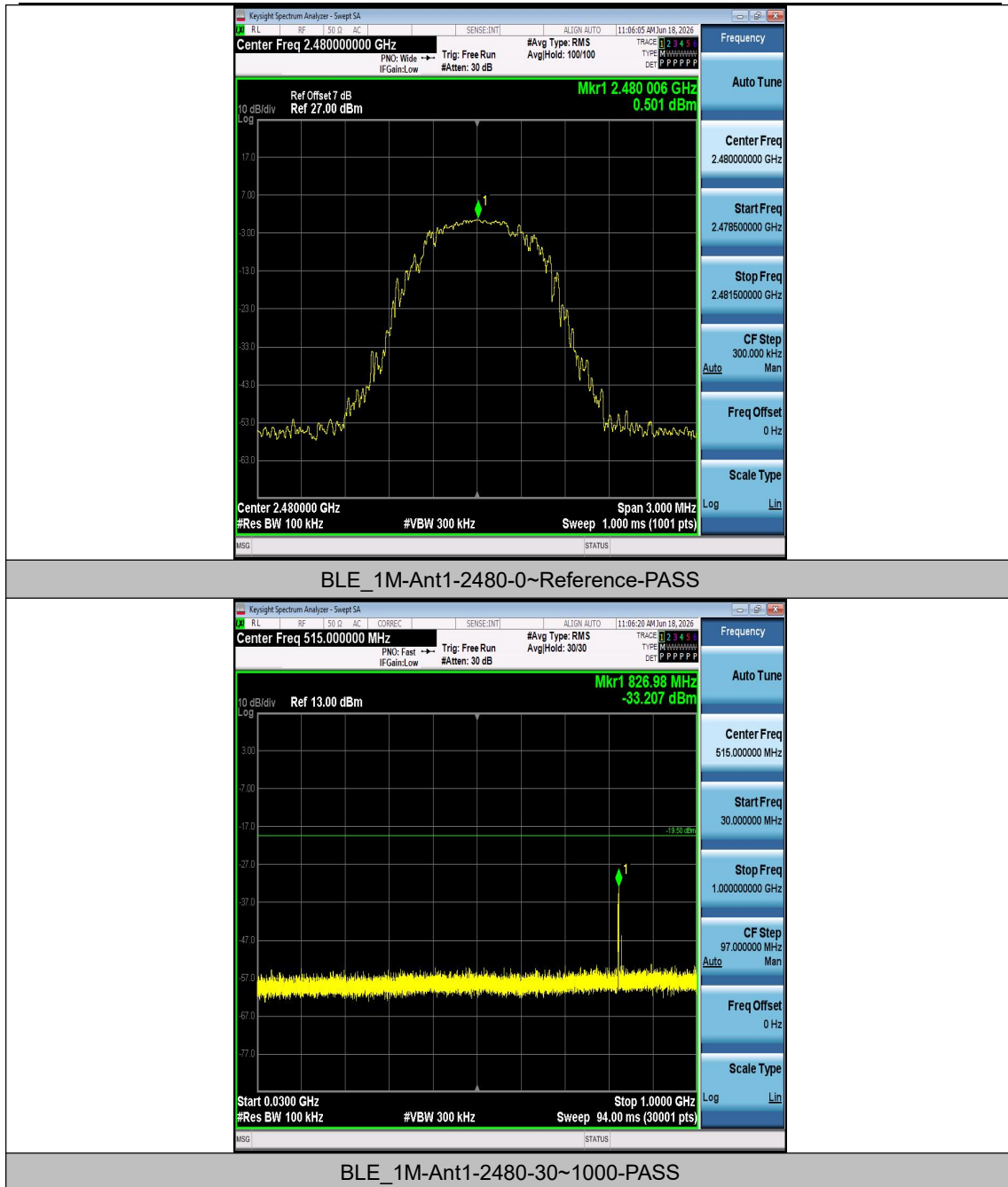
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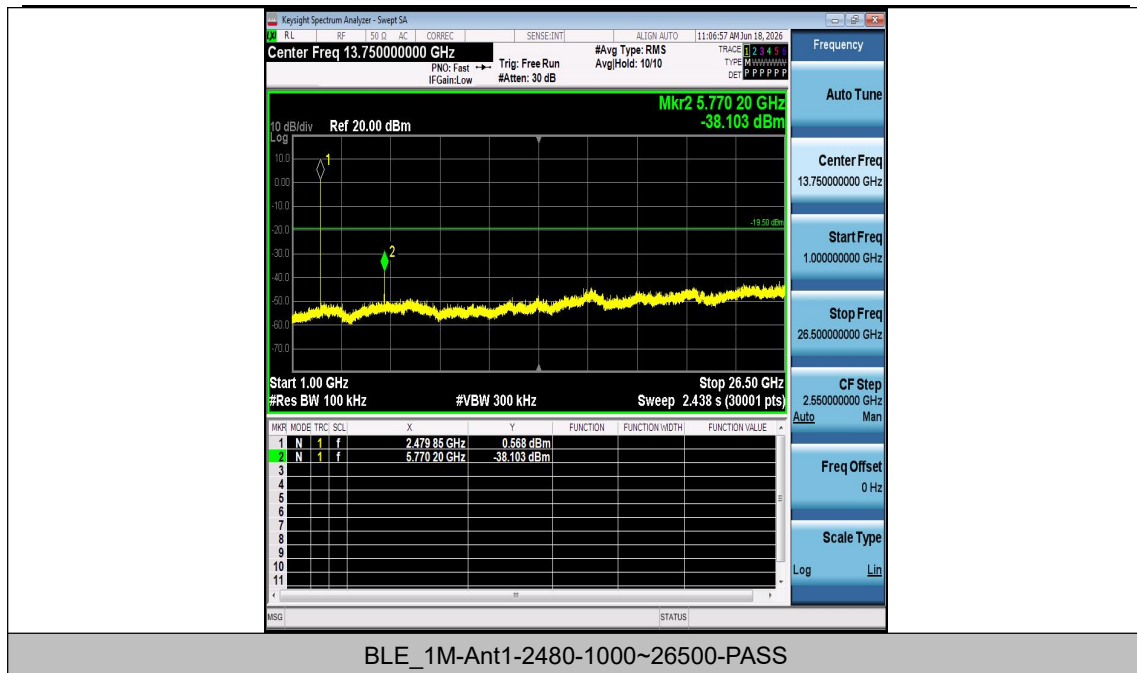
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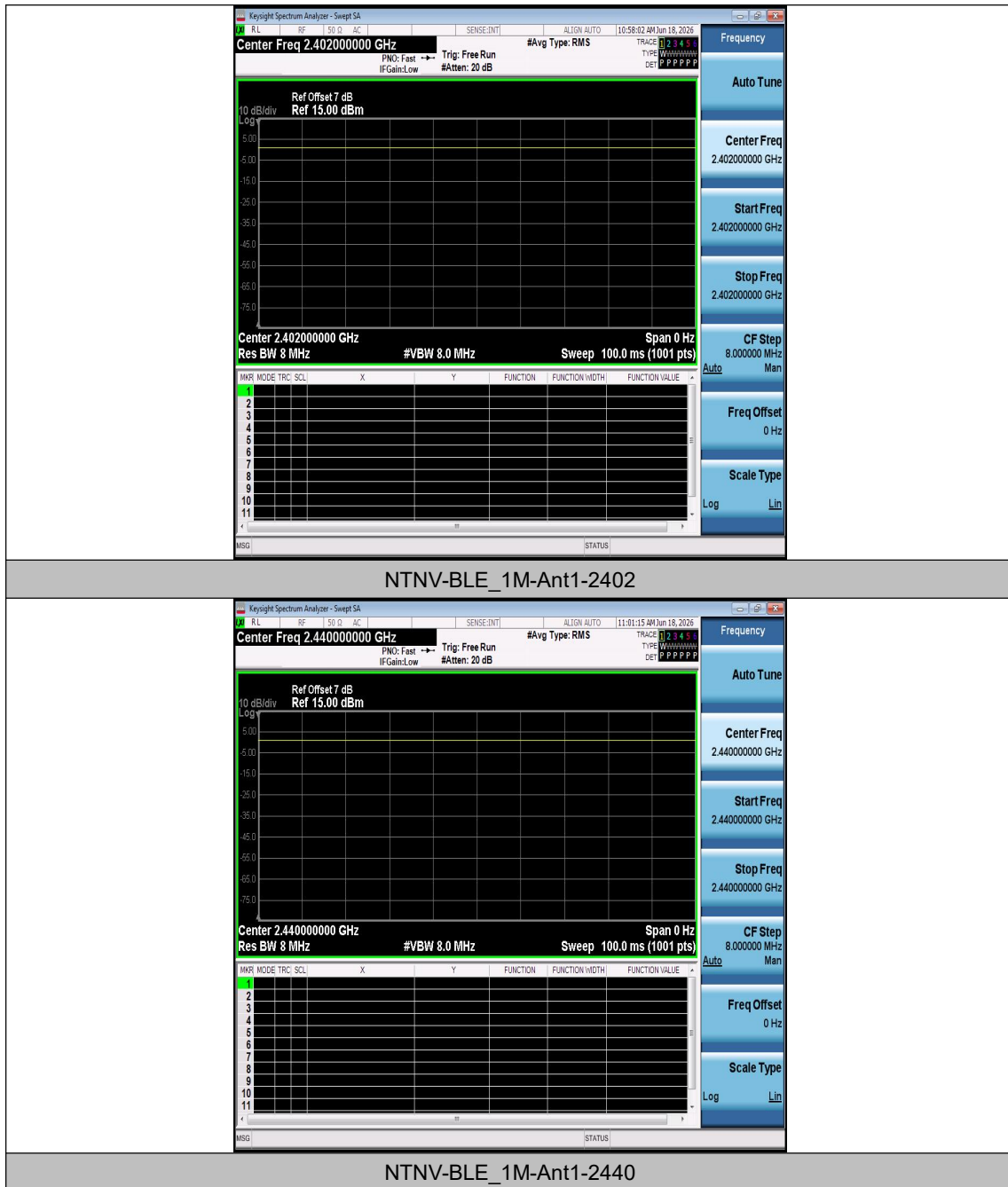
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Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	100.00	100.00	100.00	0.00
BLE_1M	Ant1	2440	100.00	100.00	100.00	0.00
BLE_1M	Ant1	2480	100.00	100.00	100.00	0.00

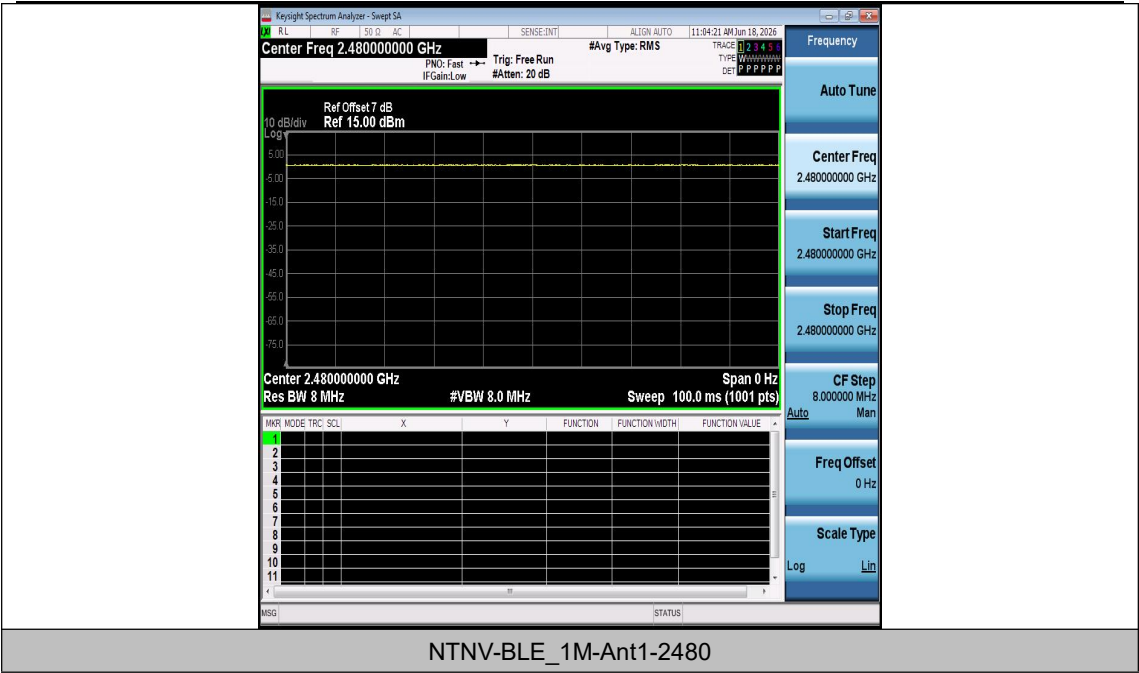
Test Graphs



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