

Appendix Test Data

Report No.:	1812C60141912501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-3-17	Finish Test Date:	2026-3-24
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	25.2°C	Relative Humidity:	63%
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	0.652	2401.660	2402.312	0.5	PASS
BLE_1M	Ant1	2440	0.652	2439.664	2440.316	0.5	PASS
BLE_1M	Ant1	2480	0.660	2479.656	2480.316	0.5	PASS

Test Graphs





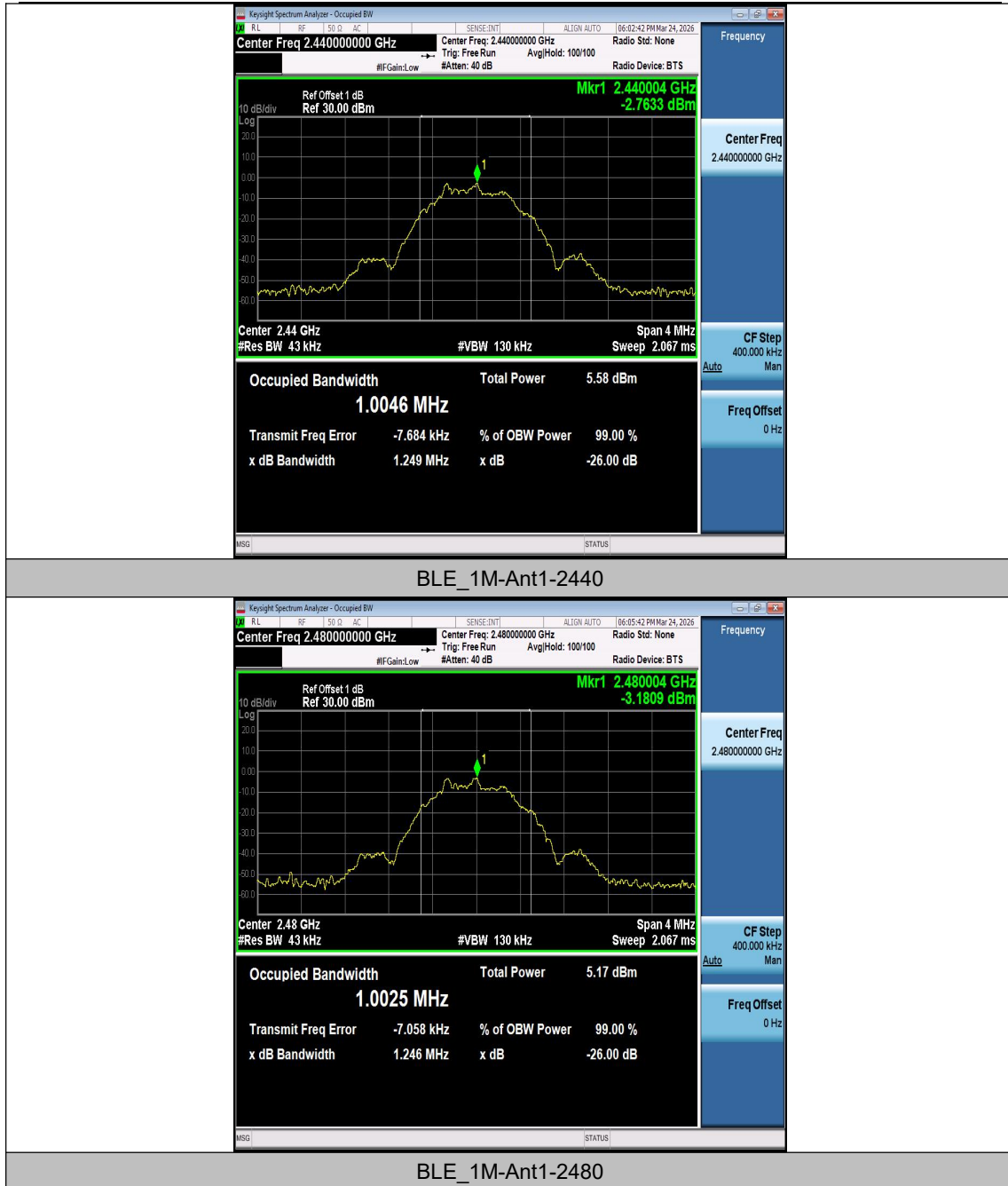
Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.99507	2401.4931	2402.4882	---	---
BLE_1M	Ant1	2440	1.0046	2439.4900	2440.4946	---	---
BLE_1M	Ant1	2480	1.0025	2479.4917	2480.4942	---	---

Test Graphs





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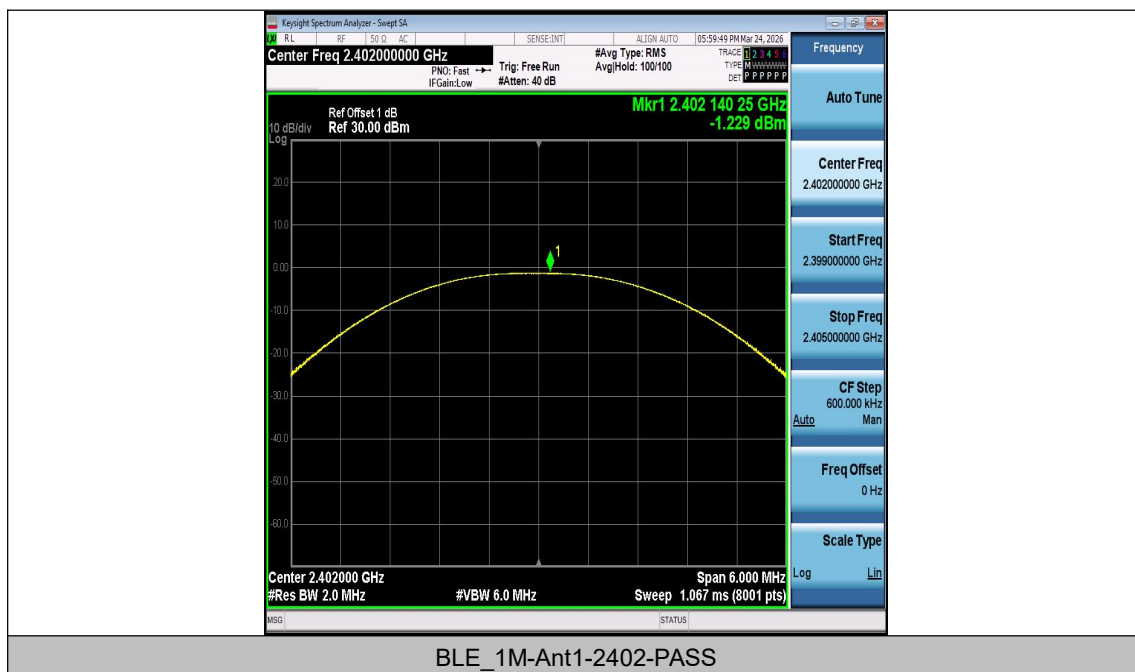
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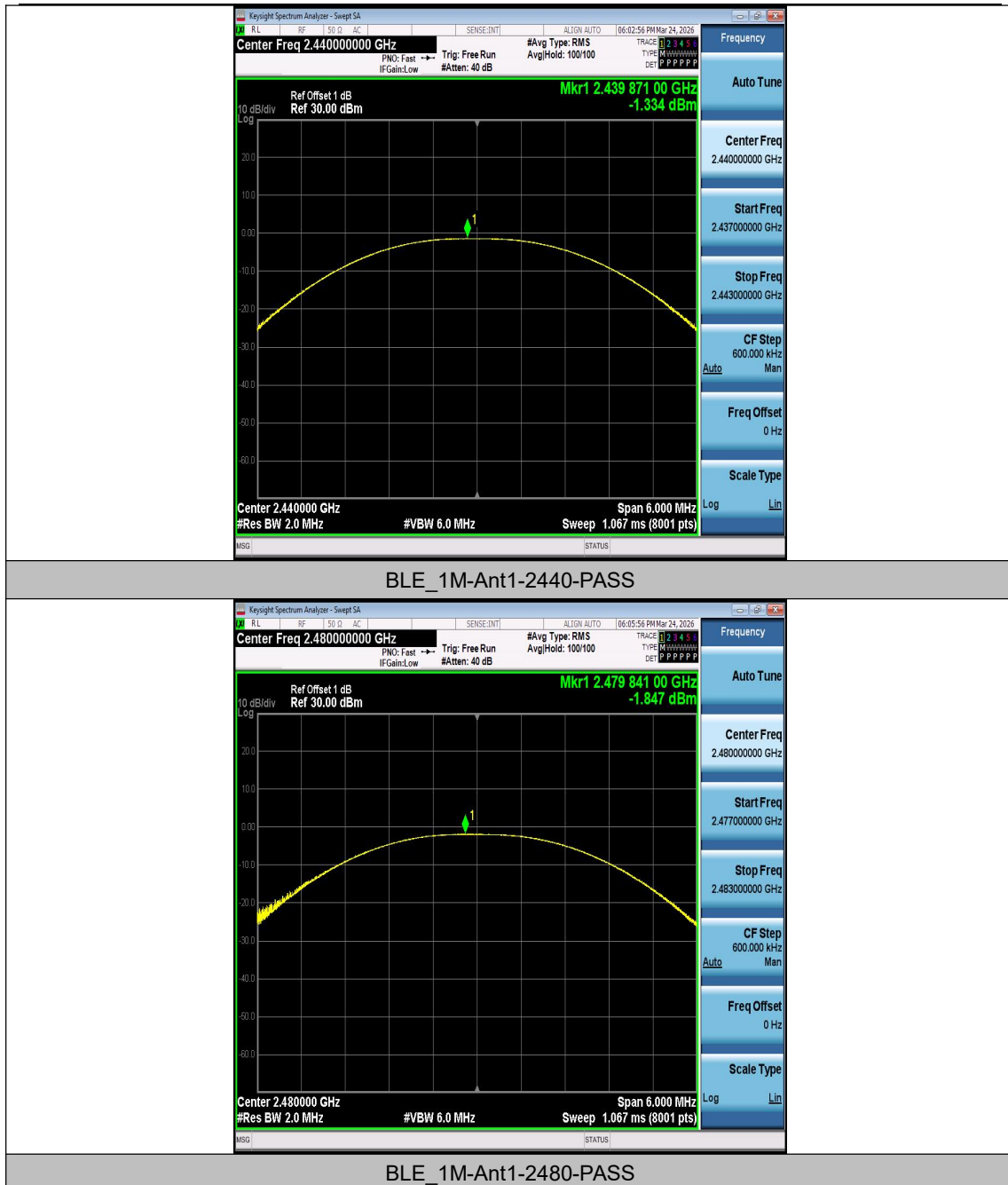
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-1.23	≤30	PASS
BLE_1M	Ant1	2440	-1.33	≤30	PASS
BLE_1M	Ant1	2480	-1.85	≤30	PASS

Test Graphs Peak





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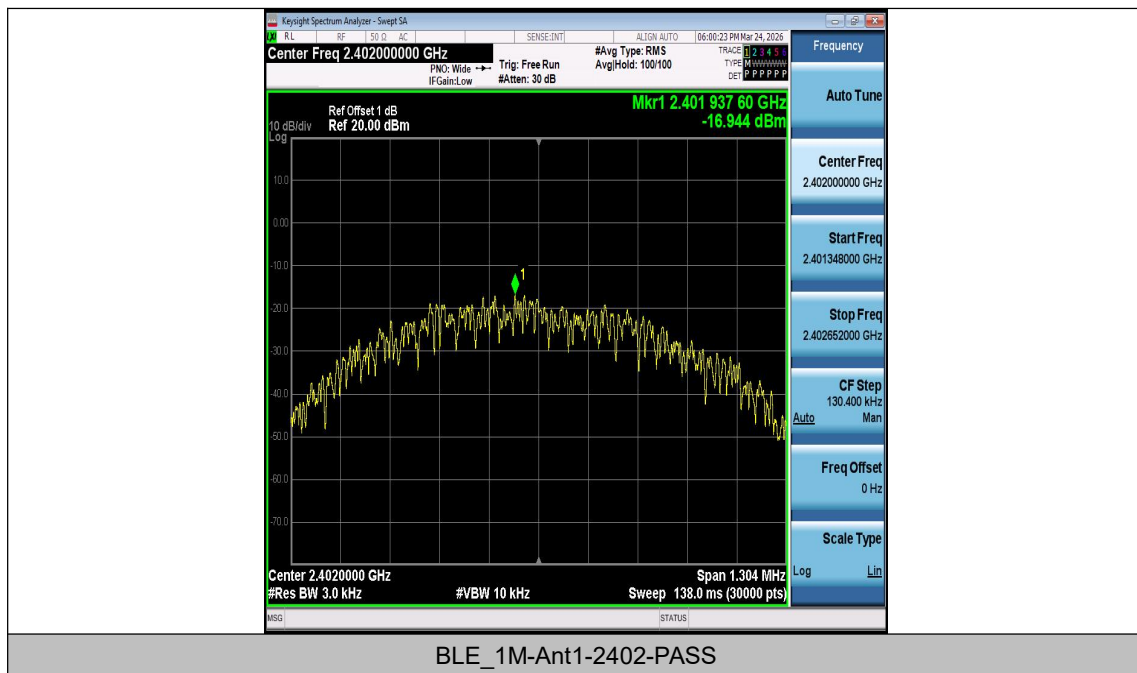
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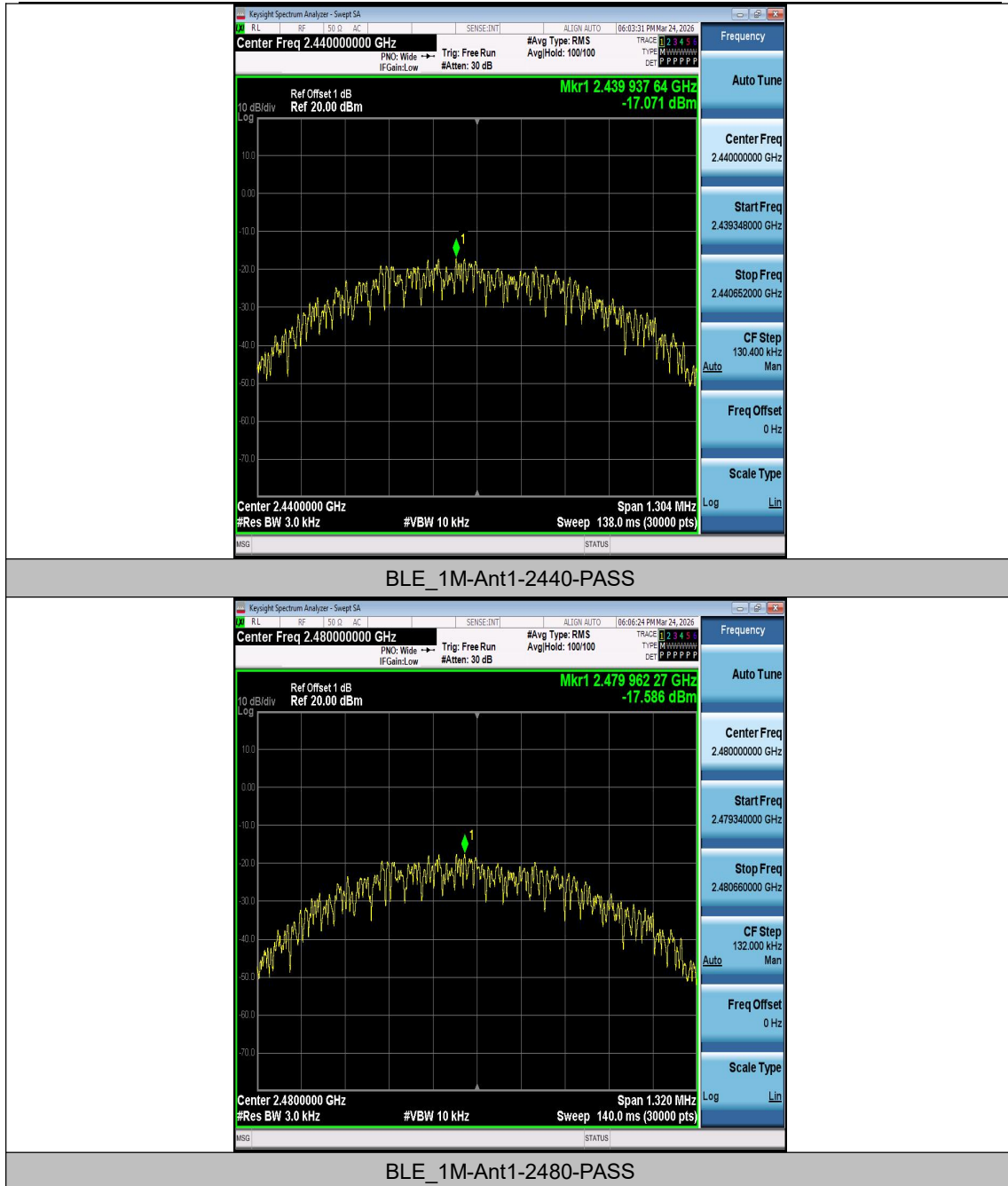
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-16.94	≤8.00	PASS
BLE_1M	Ant1	2440	-17.07	≤8.00	PASS
BLE_1M	Ant1	2480	-17.59	≤8.00	PASS

Test Graphs





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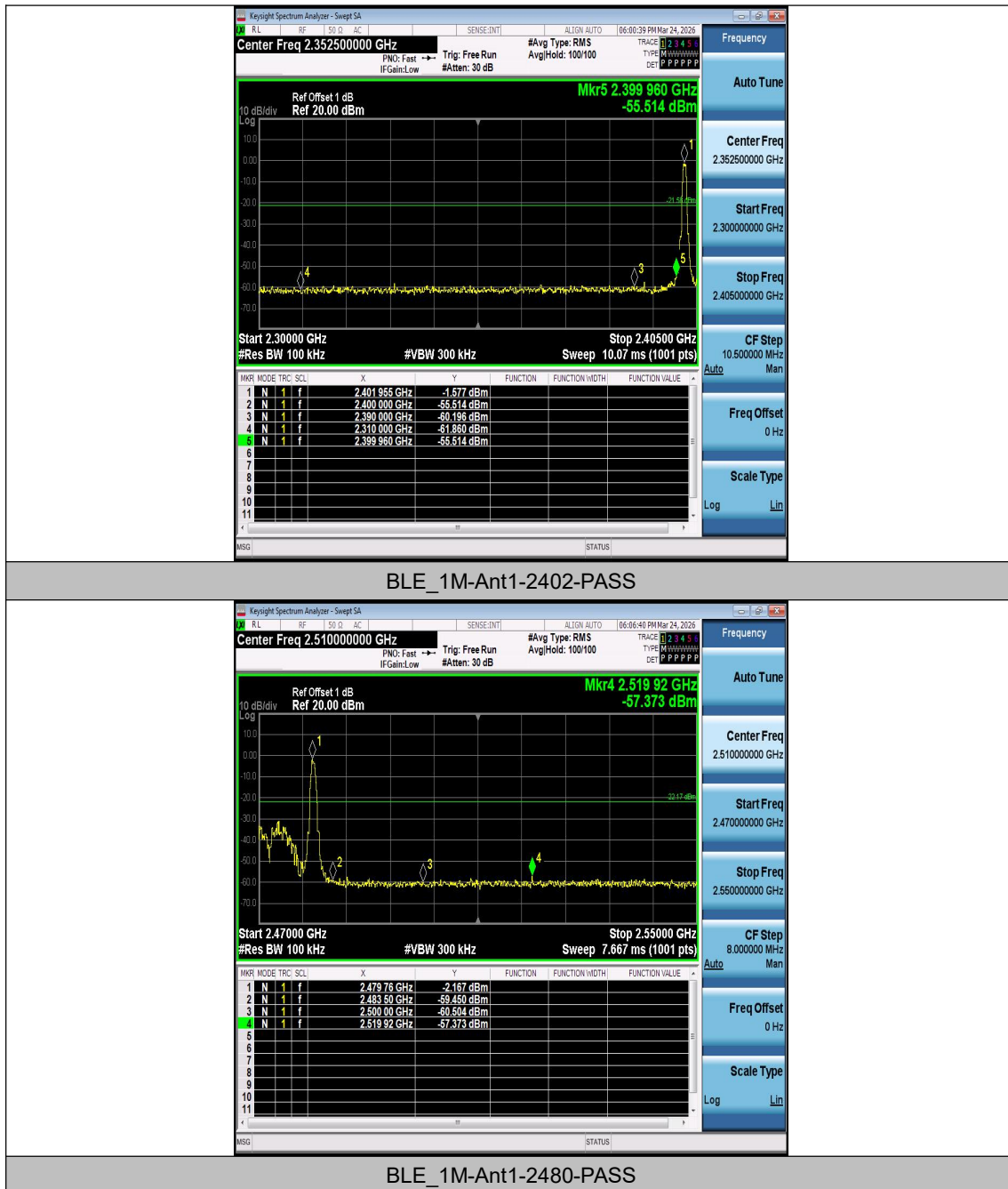
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-1.58	-55.51	≤-21.58	PASS
BLE_1M	Ant1	High	2480	-2.17	-57.37	≤-22.17	PASS

Test Graphs



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Appendix F: Conducted Spurious Emission

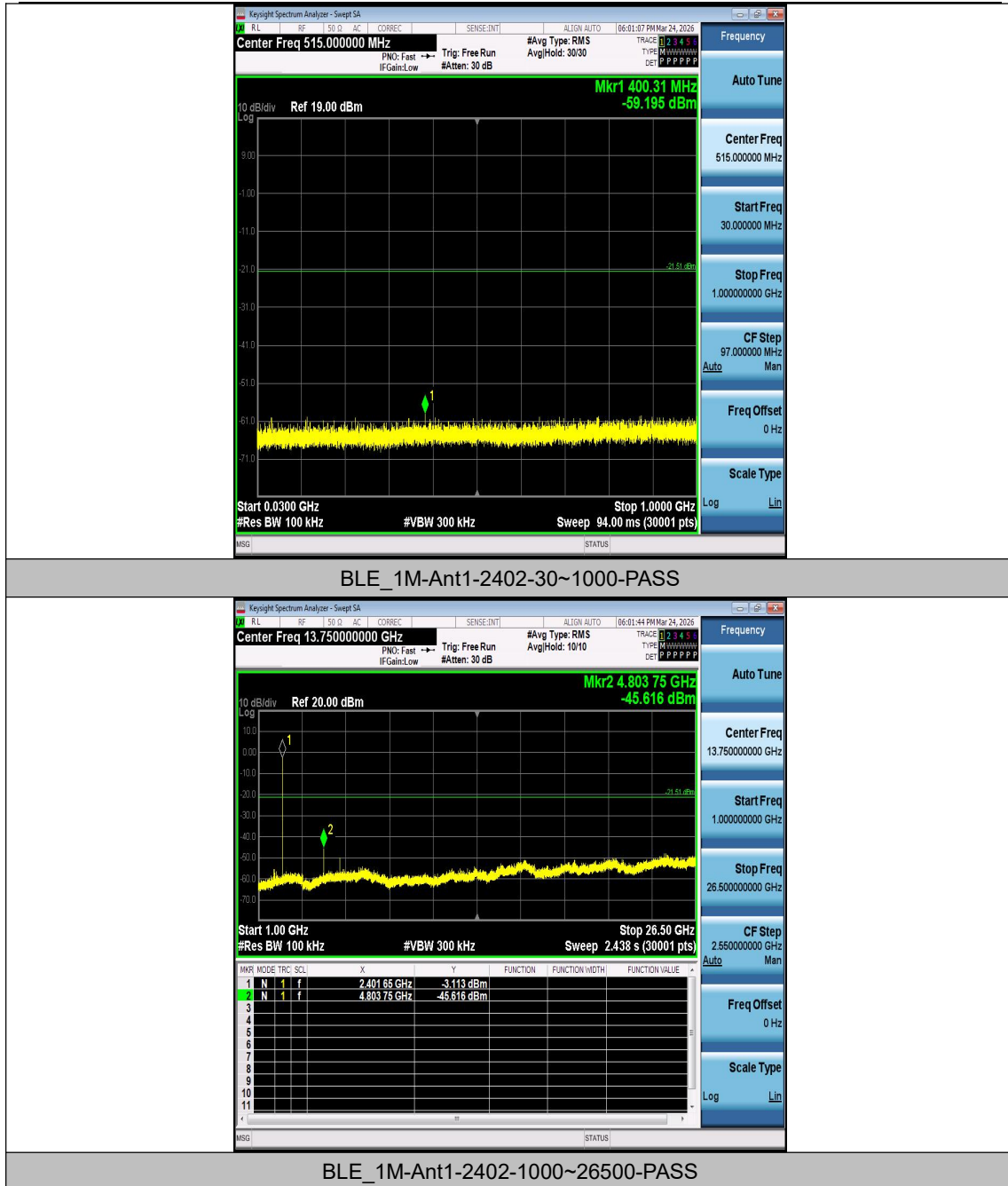
Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-1.51	-1.51	---	PASS
BLE_1M	Ant1	2402	30~1000	-1.51	-59.2	≤-21.51	PASS
BLE_1M	Ant1	2402	1000~26500	-1.51	-45.62	≤-21.51	PASS
BLE_1M	Ant1	2440	0~Reference	-1.68	-1.68	---	PASS
BLE_1M	Ant1	2440	30~1000	-1.68	-59.08	≤-21.68	PASS
BLE_1M	Ant1	2440	1000~26500	-1.68	-45.86	≤-21.68	PASS
BLE_1M	Ant1	2480	0~Reference	-2.11	-2.11	---	PASS
BLE_1M	Ant1	2480	30~1000	-2.11	-58.77	≤-22.11	PASS
BLE_1M	Ant1	2480	1000~26500	-2.11	-49.06	≤-22.11	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

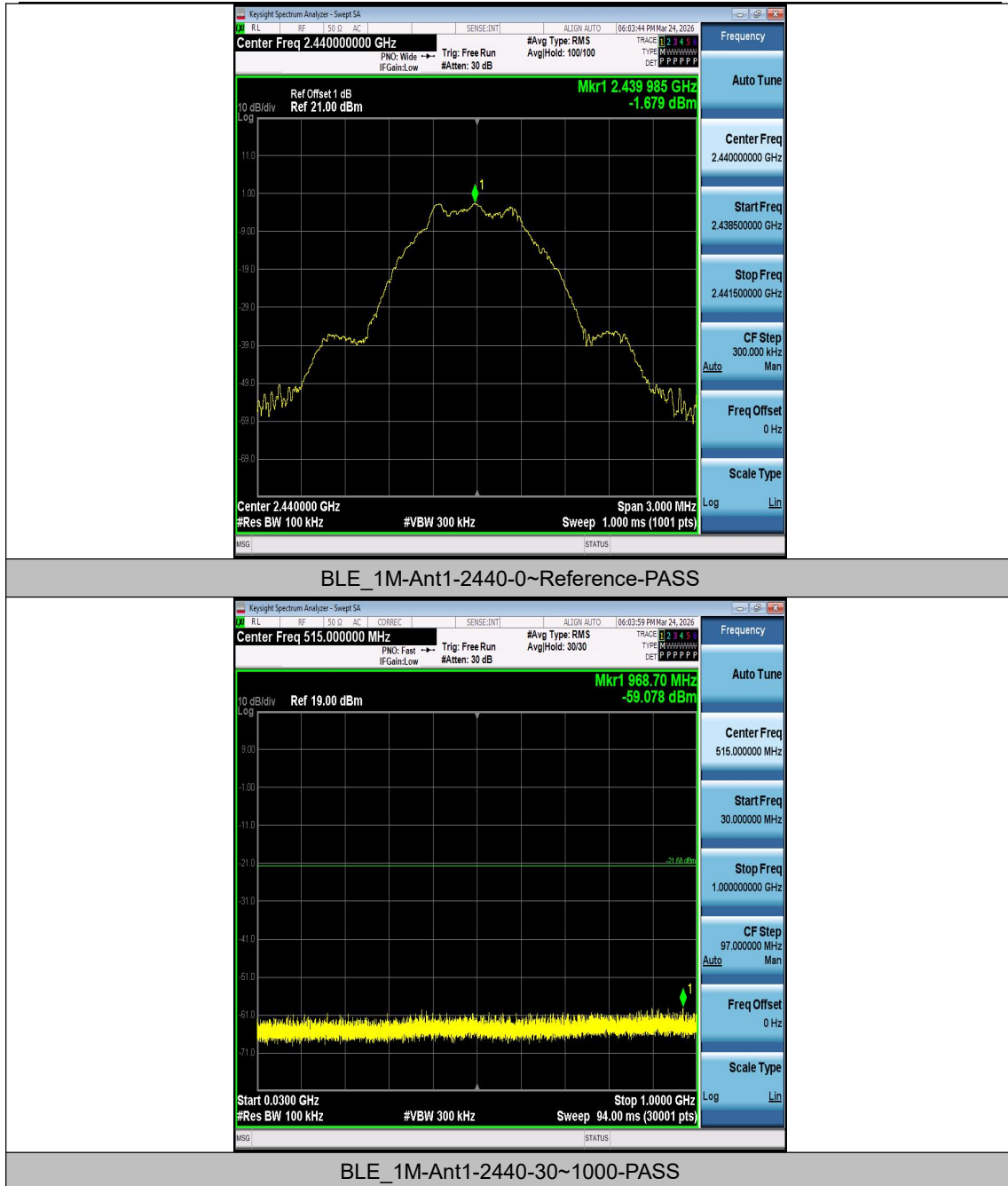




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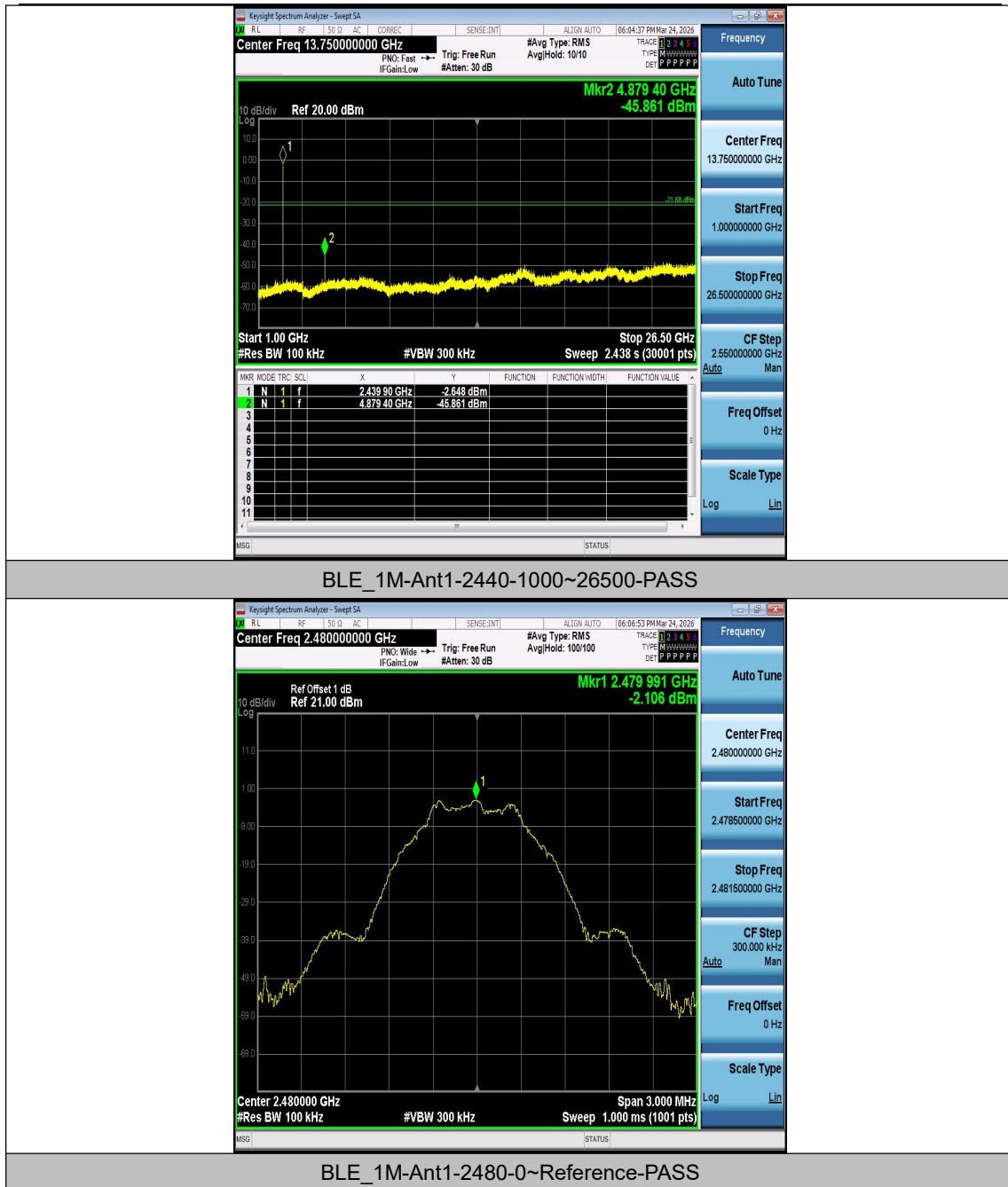
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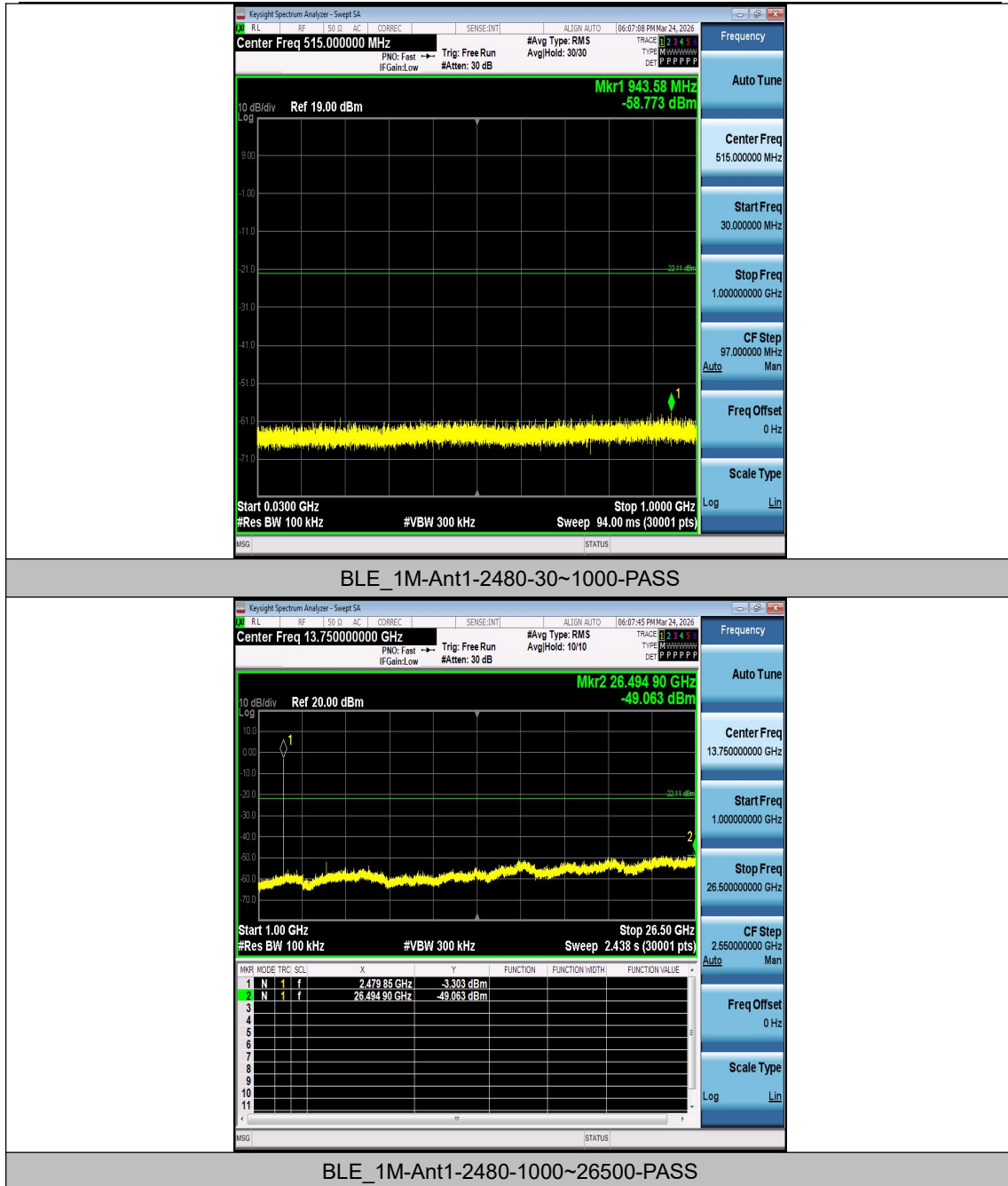
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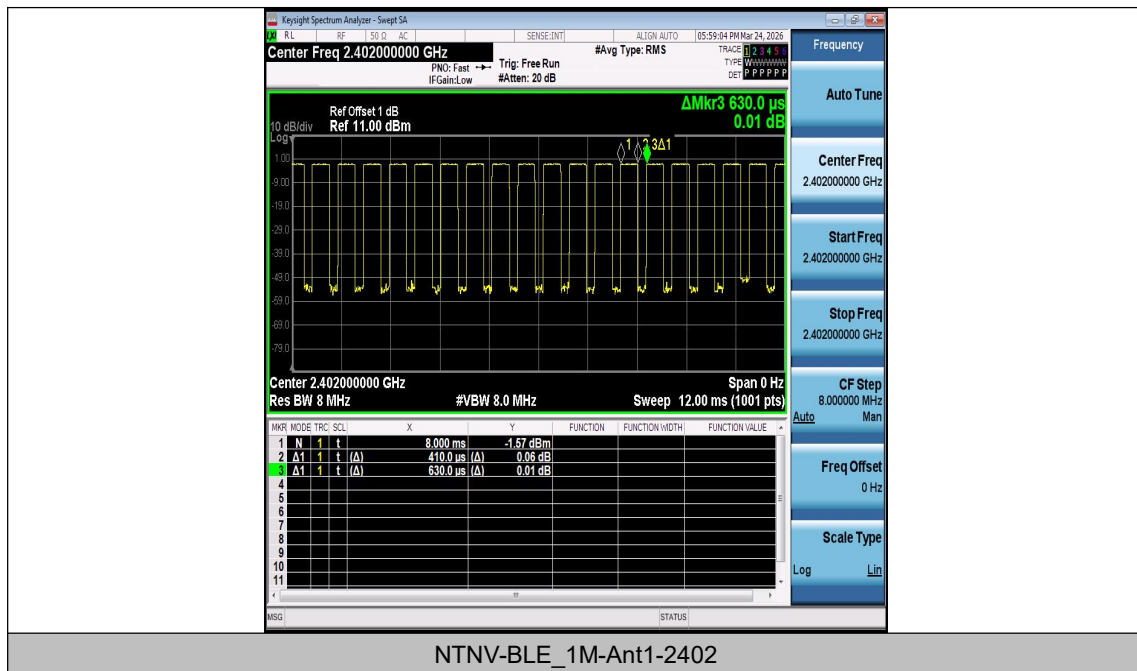
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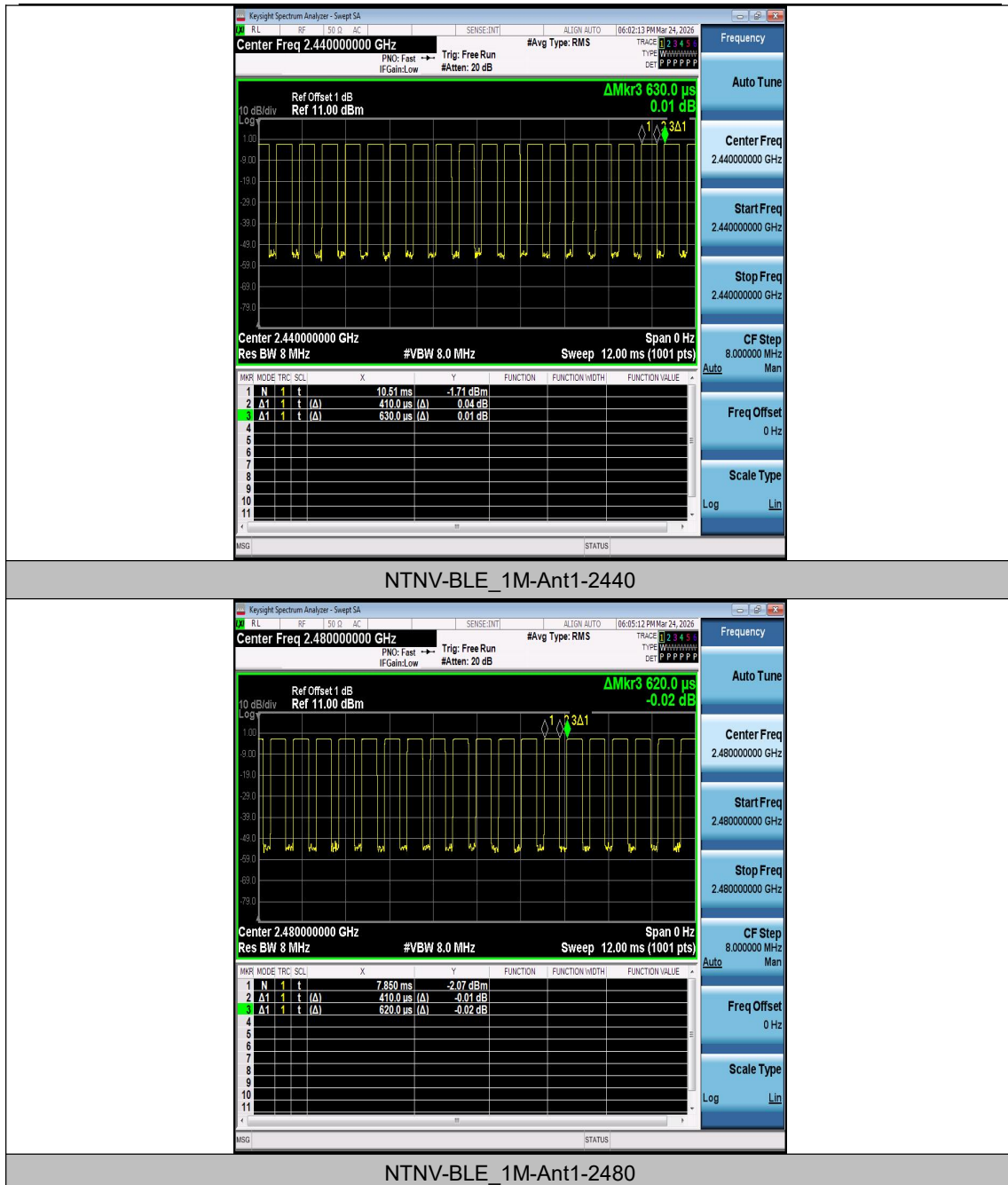
Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	0.41	0.63	65.08	1.87
BLE_1M	Ant1	2440	0.41	0.63	65.08	1.87
BLE_1M	Ant1	2480	0.41	0.62	66.13	1.80

Test Graphs





---End---