

Appendix Test Data

Report No.:	1812C60112312501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-2-27	Finish Test Date:	2026-3-10
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	21.8°C	Relative Humidity:	62%
Pressure:	101kPa		



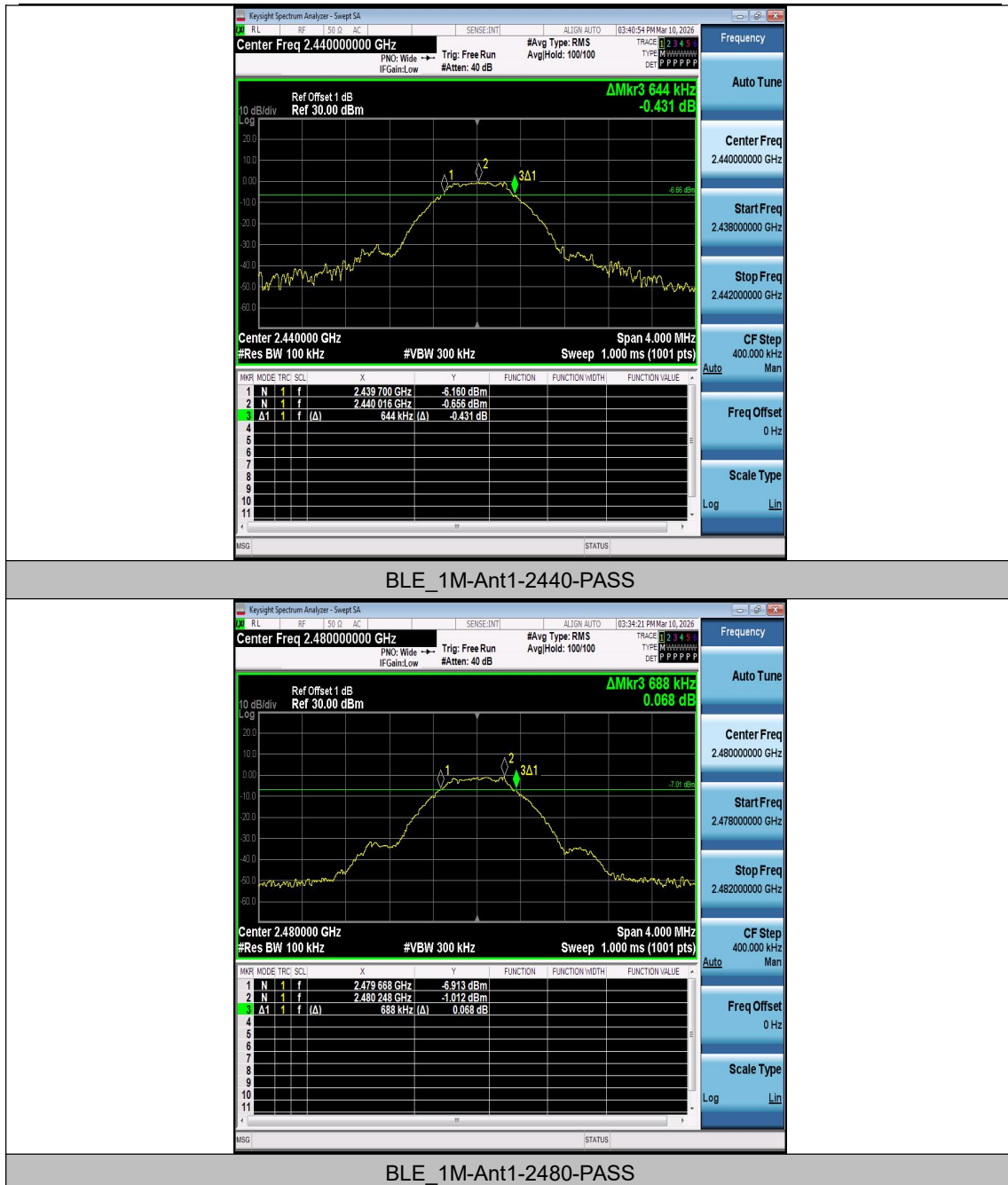
Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.720	2401.644	2402.364	0.5	PASS
BLE_1M	Ant1	2440	0.644	2439.700	2440.344	0.5	PASS
BLE_1M	Ant1	2480	0.688	2479.668	2480.356	0.5	PASS

Test Graphs



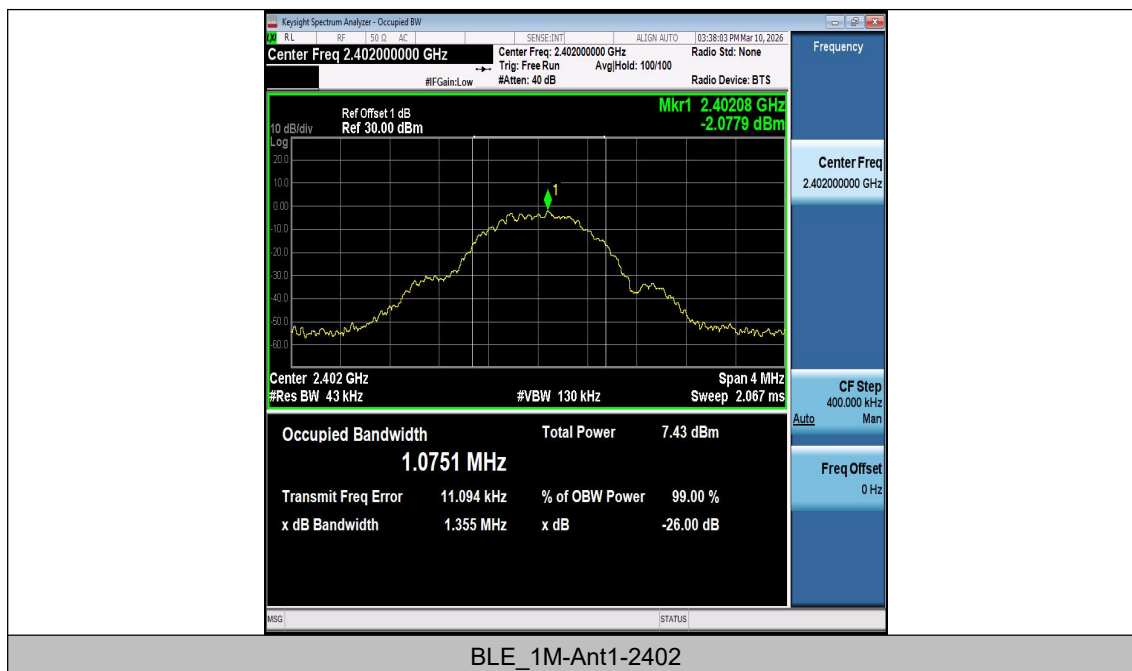


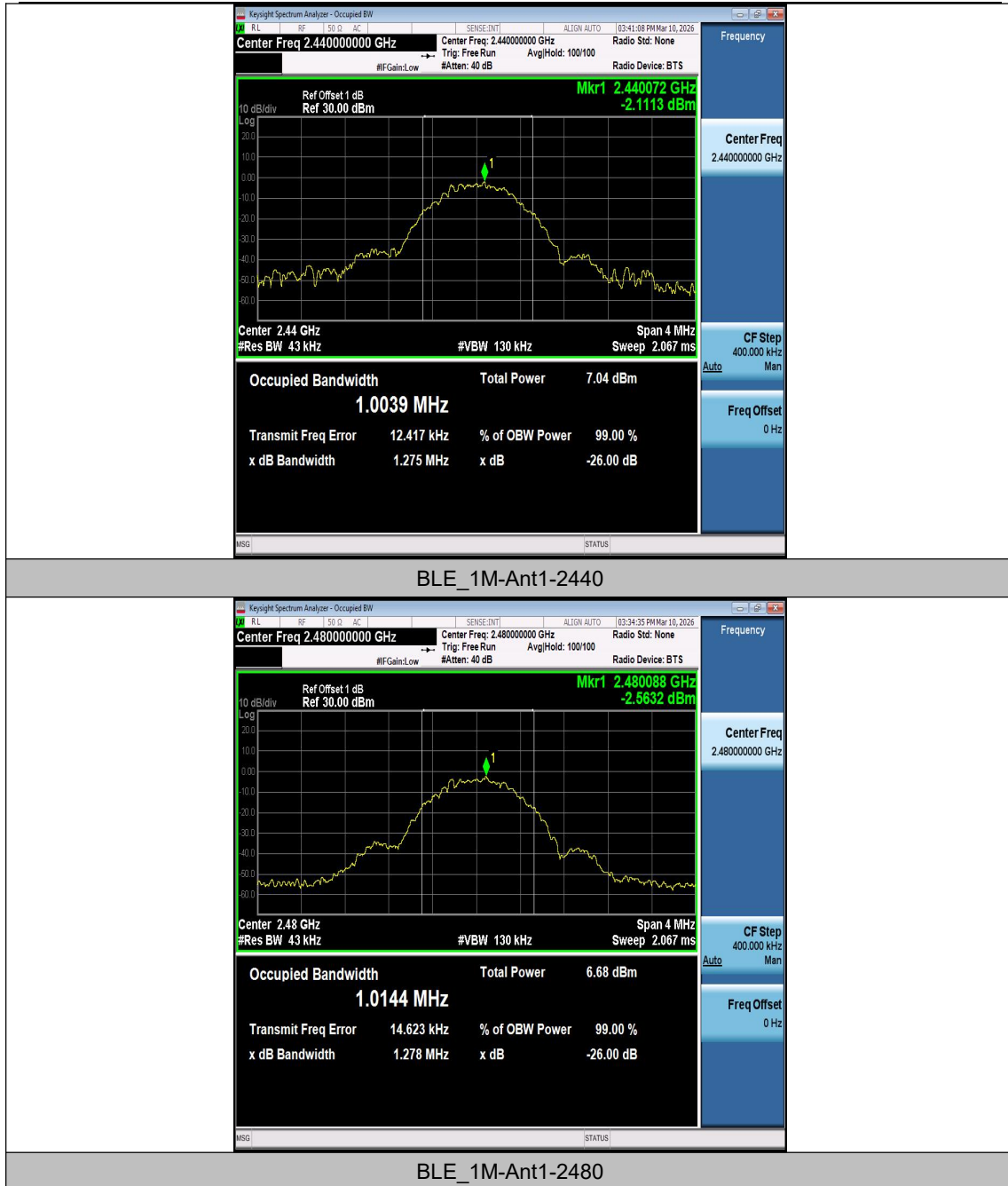
Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0751	2401.4735	2402.5486	---	---
BLE_1M	Ant1	2440	1.0039	2439.5105	2440.5144	---	---
BLE_1M	Ant1	2480	1.0144	2479.5074	2480.5218	---	---

Test Graphs





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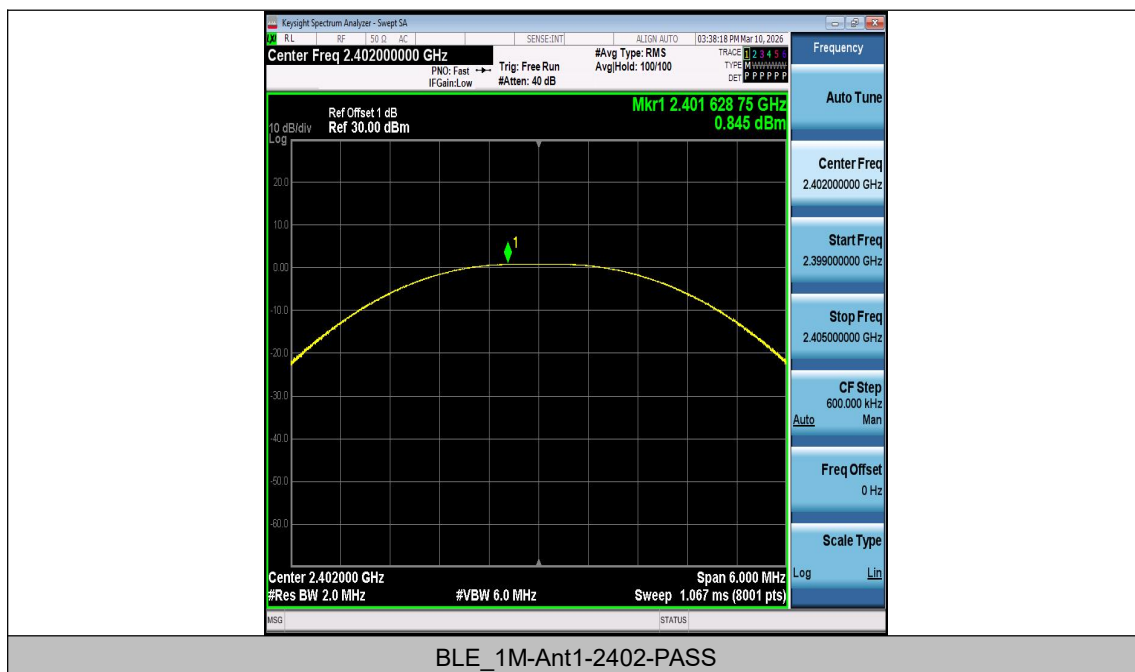
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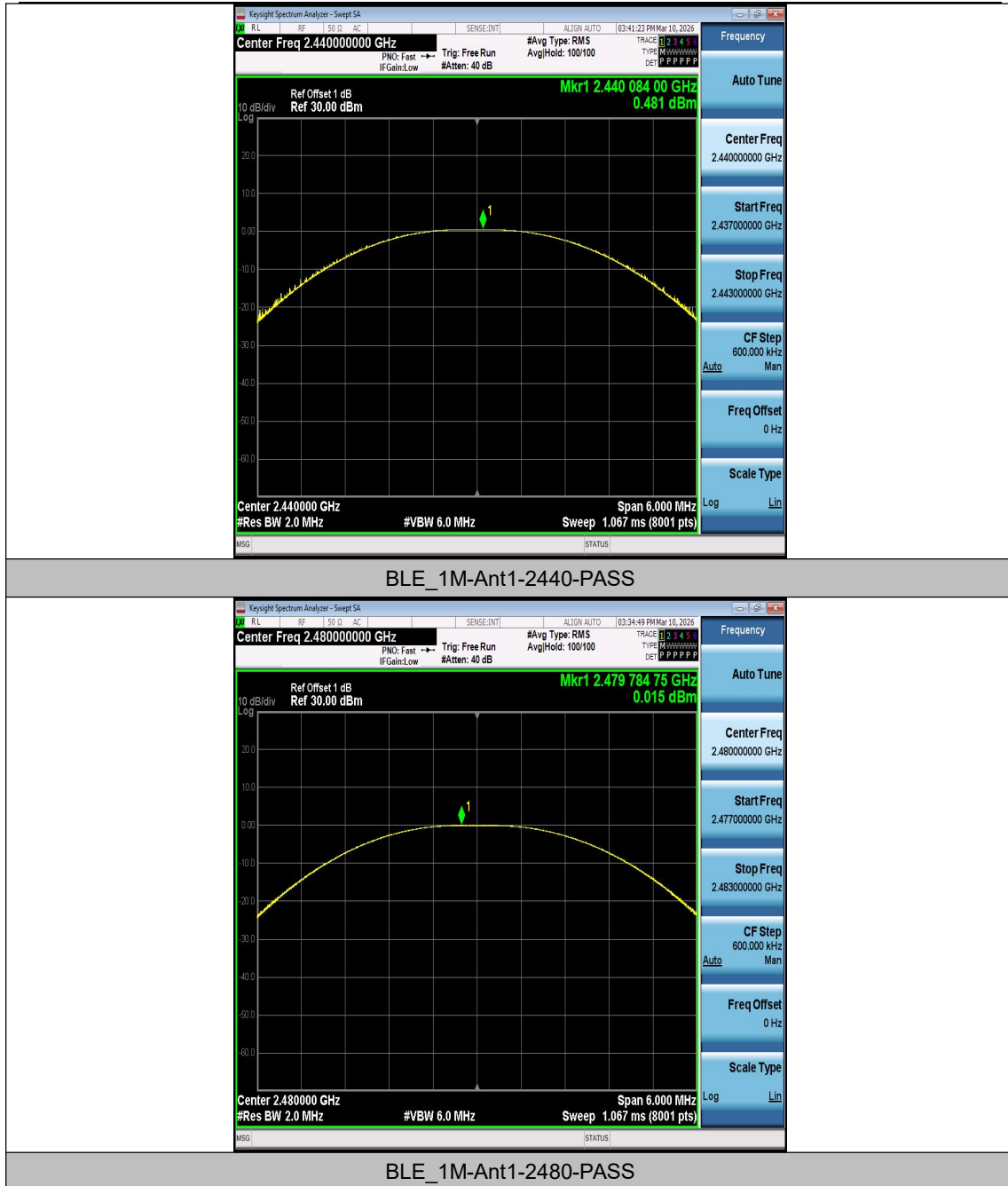
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0.85	≤30	PASS
BLE_1M	Ant1	2440	0.48	≤30	PASS
BLE_1M	Ant1	2480	0.02	≤30	PASS

Test Graphs Peak





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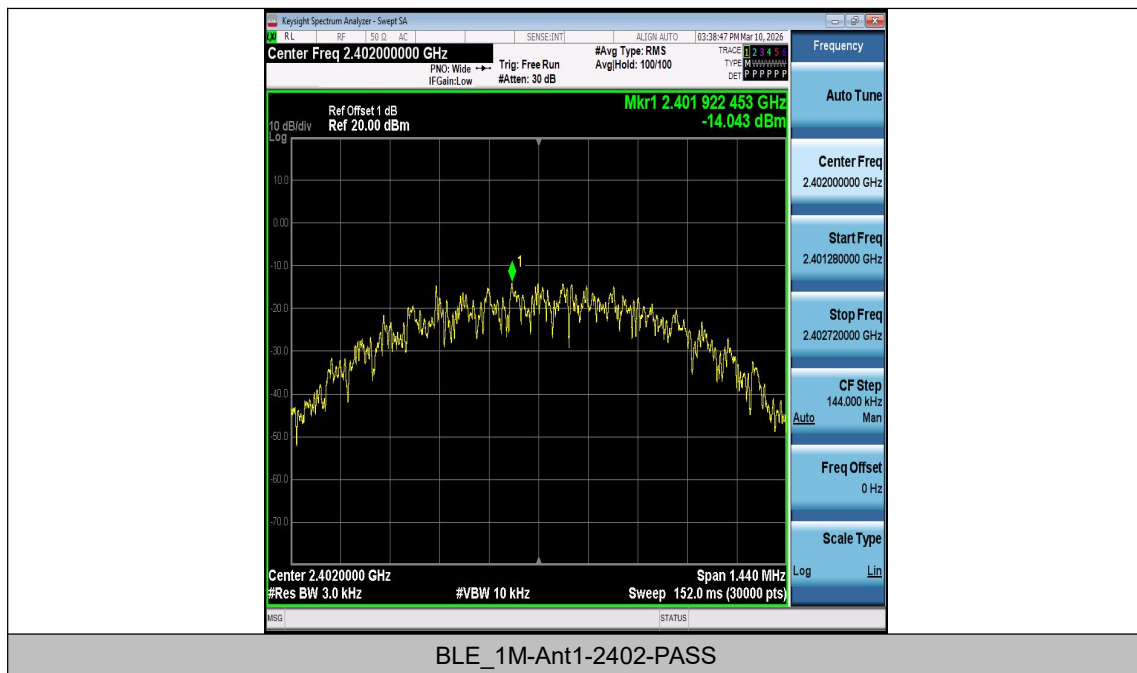
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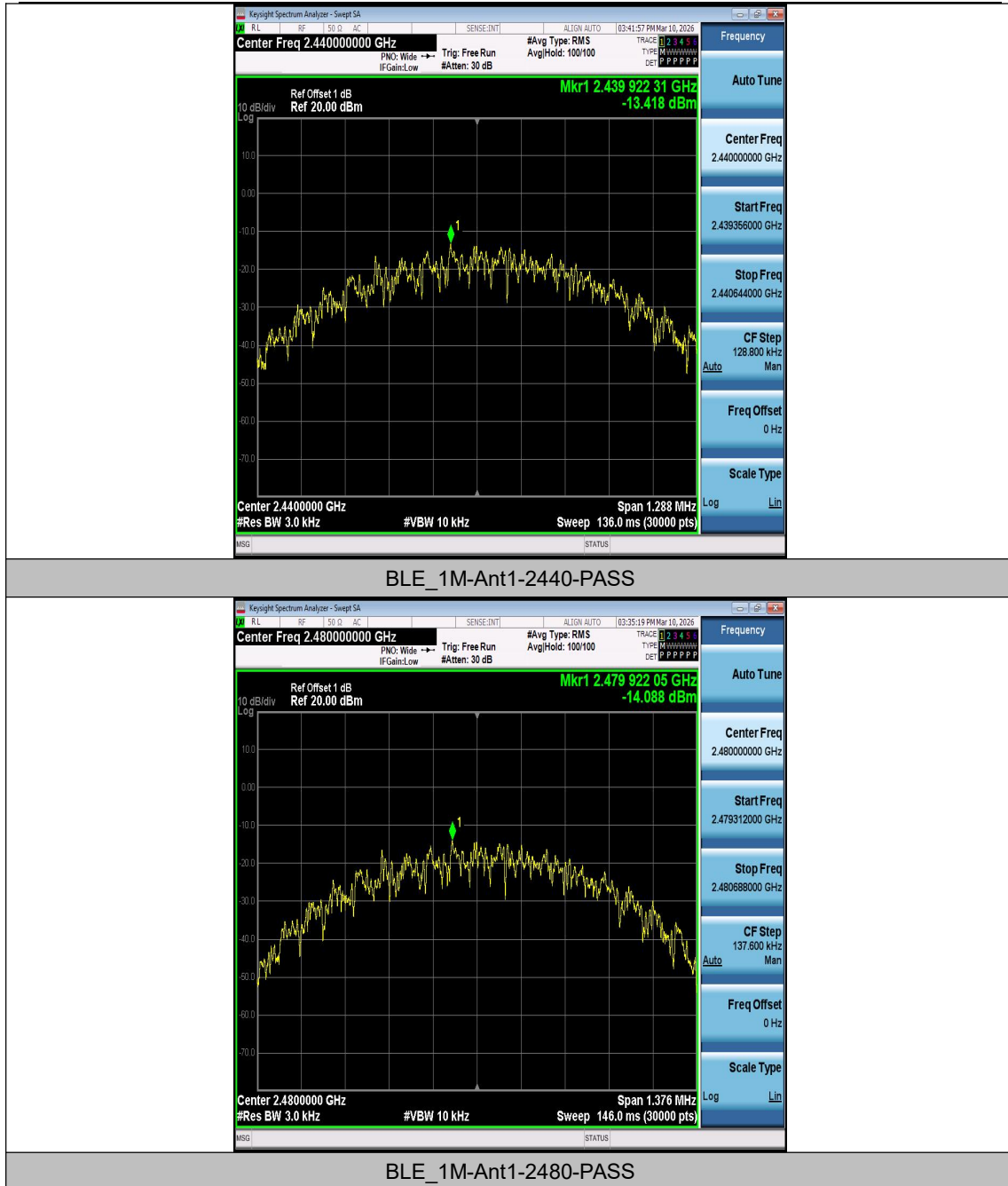
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-14.04	≤8.00	PASS
BLE_1M	Ant1	2440	-13.42	≤8.00	PASS
BLE_1M	Ant1	2480	-14.09	≤8.00	PASS

Test Graphs





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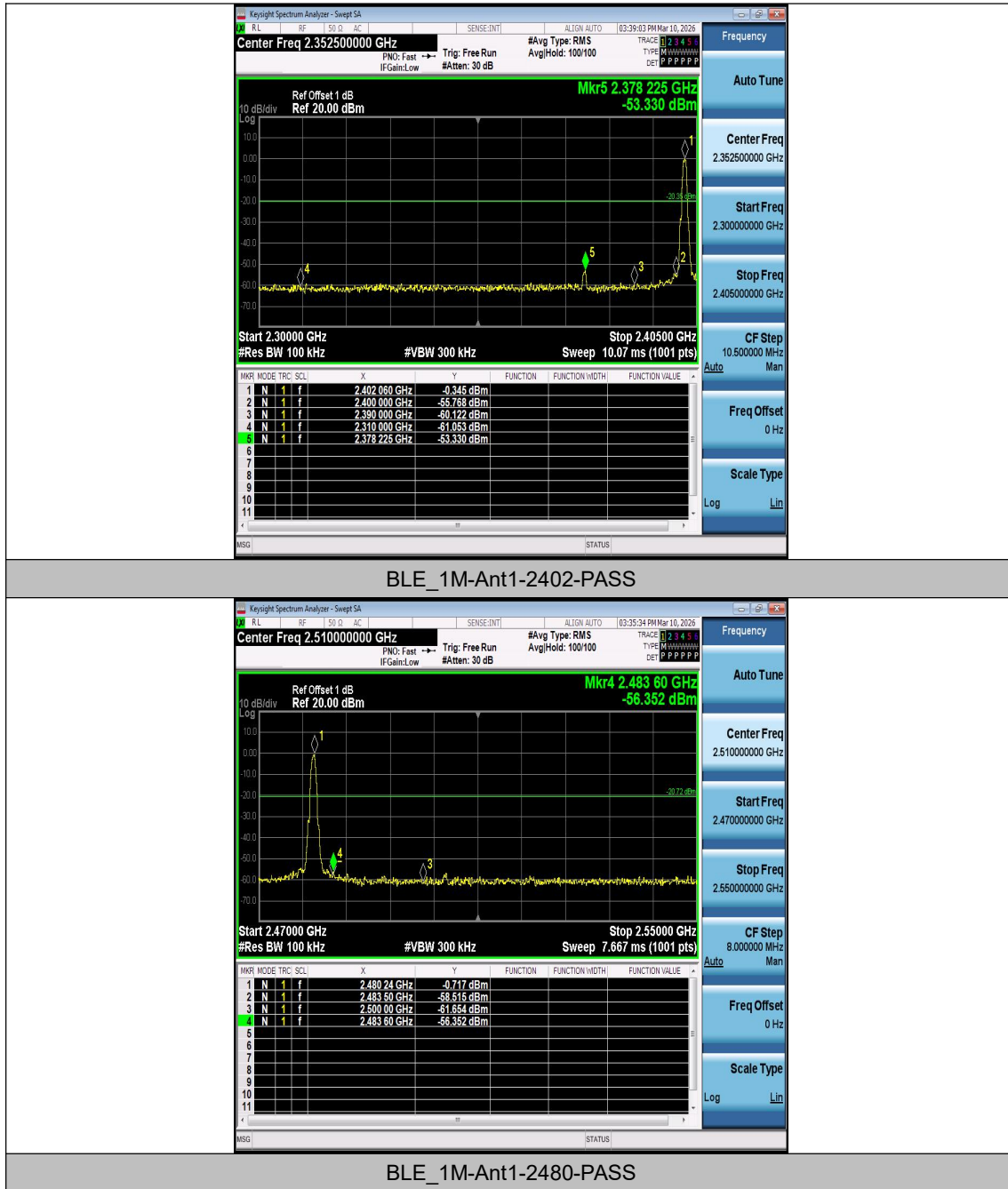
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-0.35	-53.33	≤-20.35	PASS
BLE_1M	Ant1	High	2480	-0.72	-56.35	≤-20.72	PASS

Test Graphs



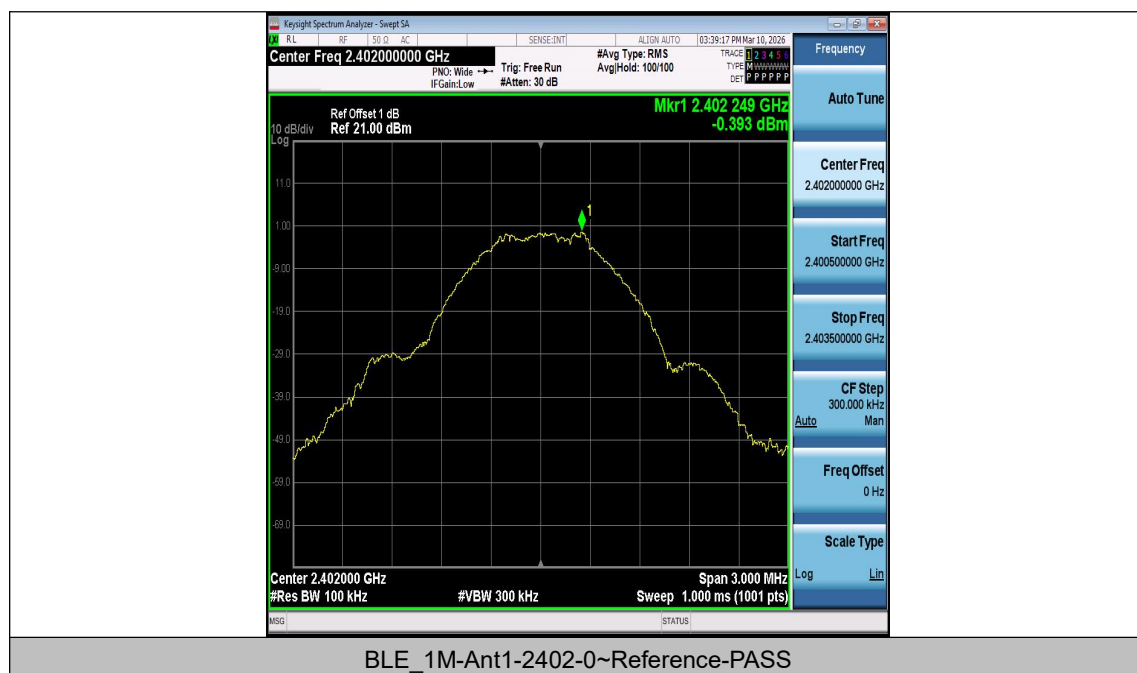
Appendix F: Conducted Spurious Emission

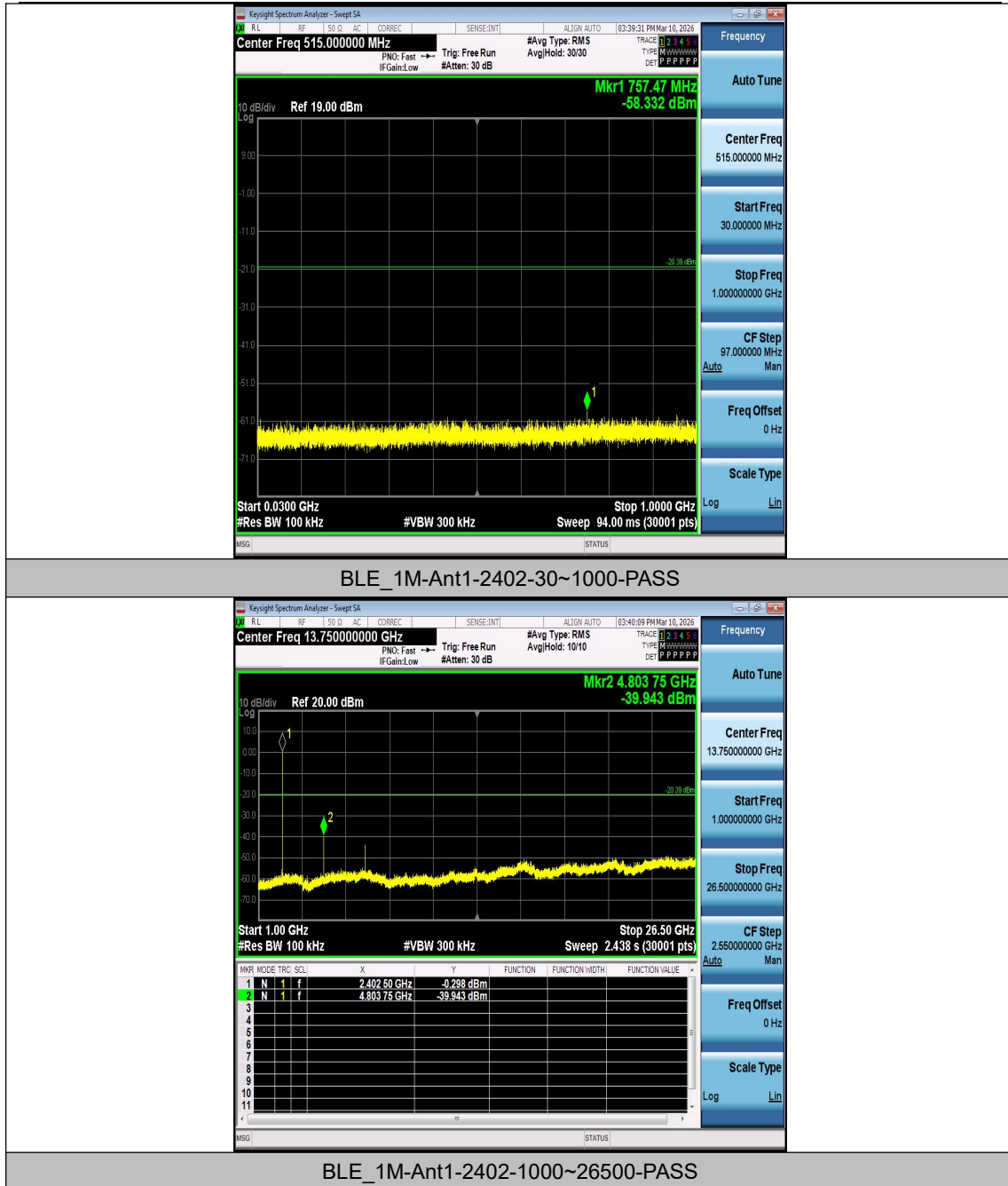
Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-0.39	-0.39	---	PASS
BLE_1M	Ant1	2402	30~1000	-0.39	-58.33	≤-20.39	PASS
BLE_1M	Ant1	2402	1000~26500	-0.39	-39.94	≤-20.39	PASS
BLE_1M	Ant1	2440	0~Reference	-0.57	-0.57	---	PASS
BLE_1M	Ant1	2440	30~1000	-0.57	-58.01	≤-20.57	PASS
BLE_1M	Ant1	2440	1000~26500	-0.57	-42.28	≤-20.57	PASS
BLE_1M	Ant1	2480	0~Reference	-0.90	-0.90	---	PASS
BLE_1M	Ant1	2480	30~1000	-0.90	-59.35	≤-20.9	PASS
BLE_1M	Ant1	2480	1000~26500	-0.90	-44.25	≤-20.9	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

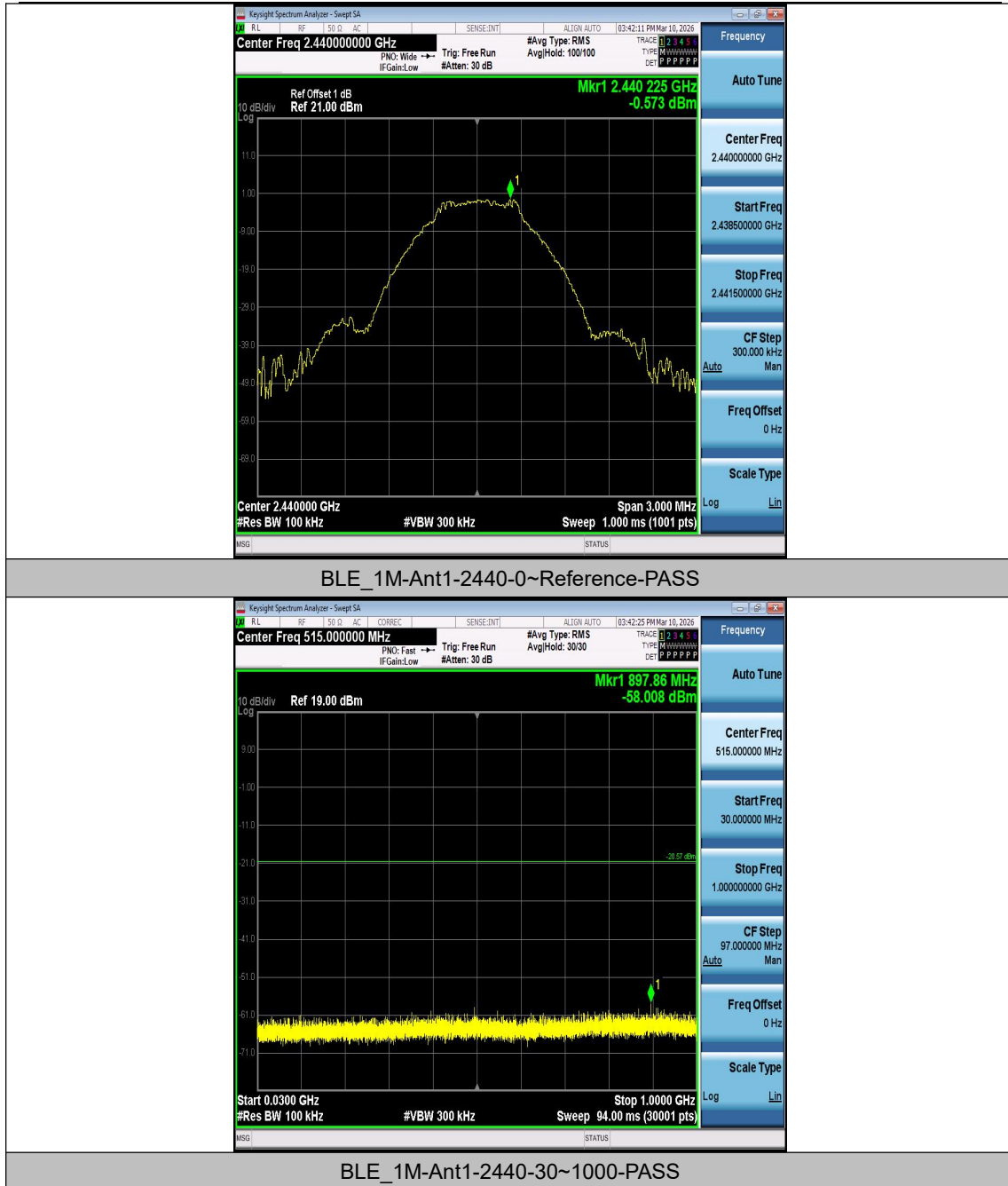




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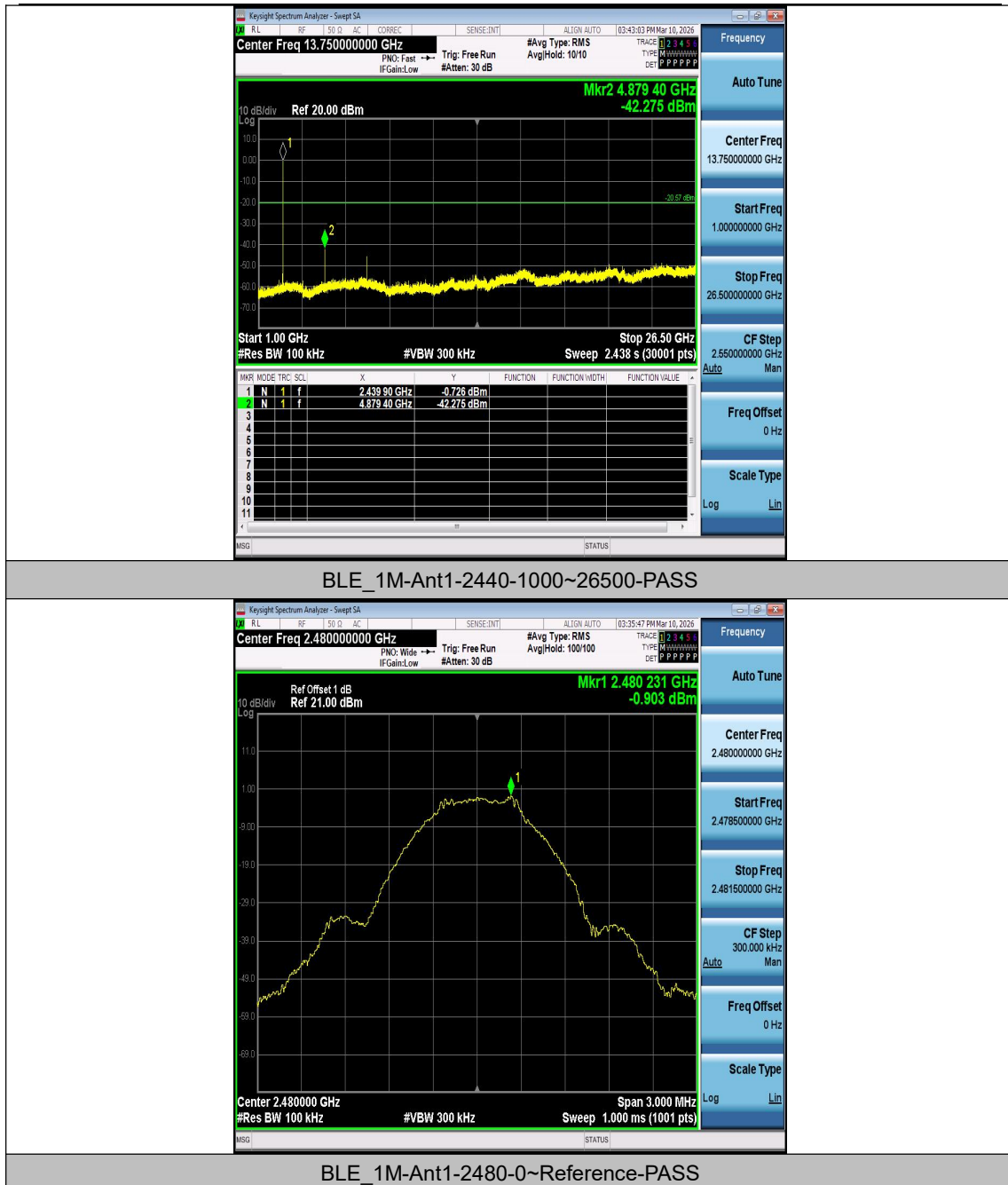
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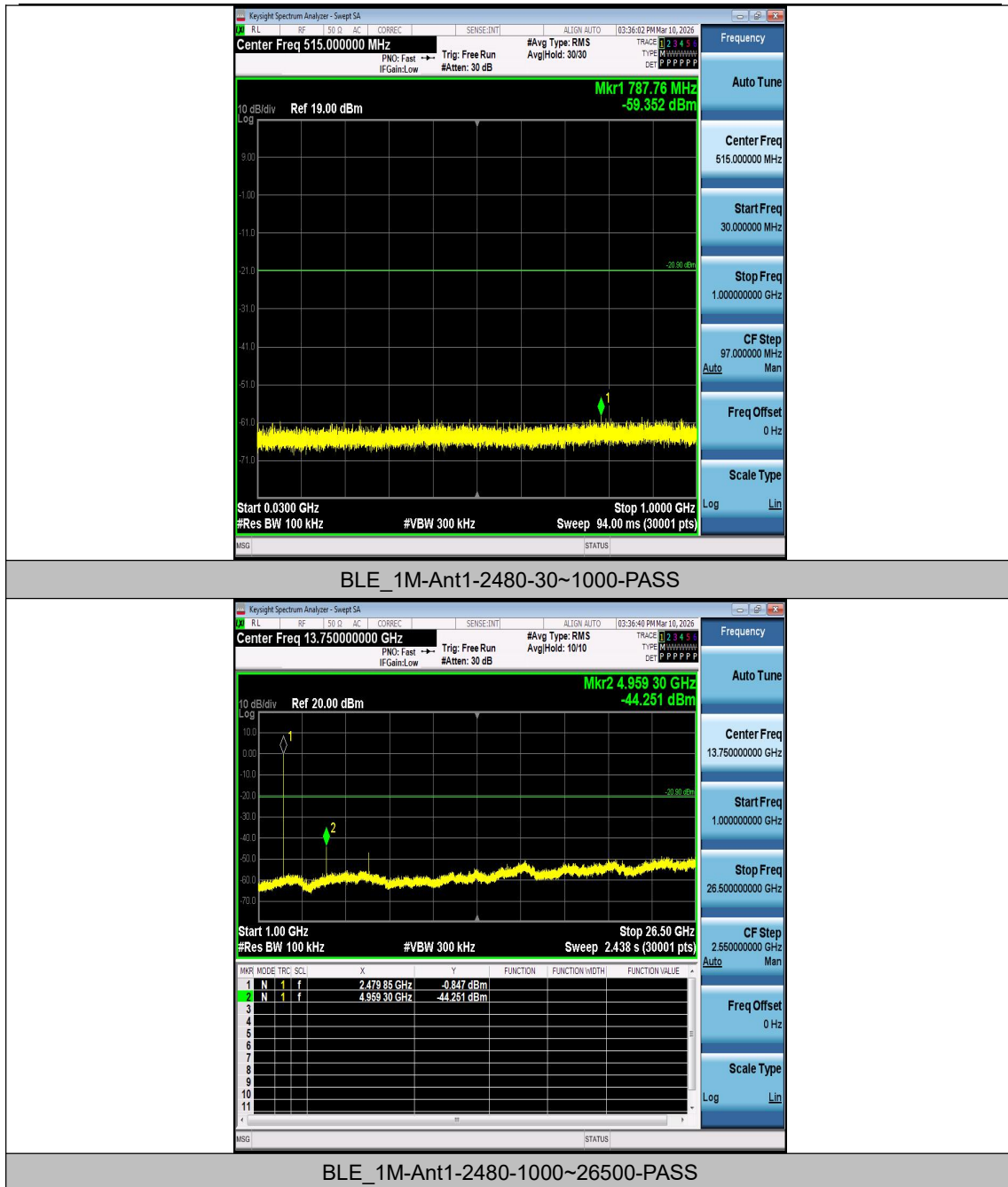
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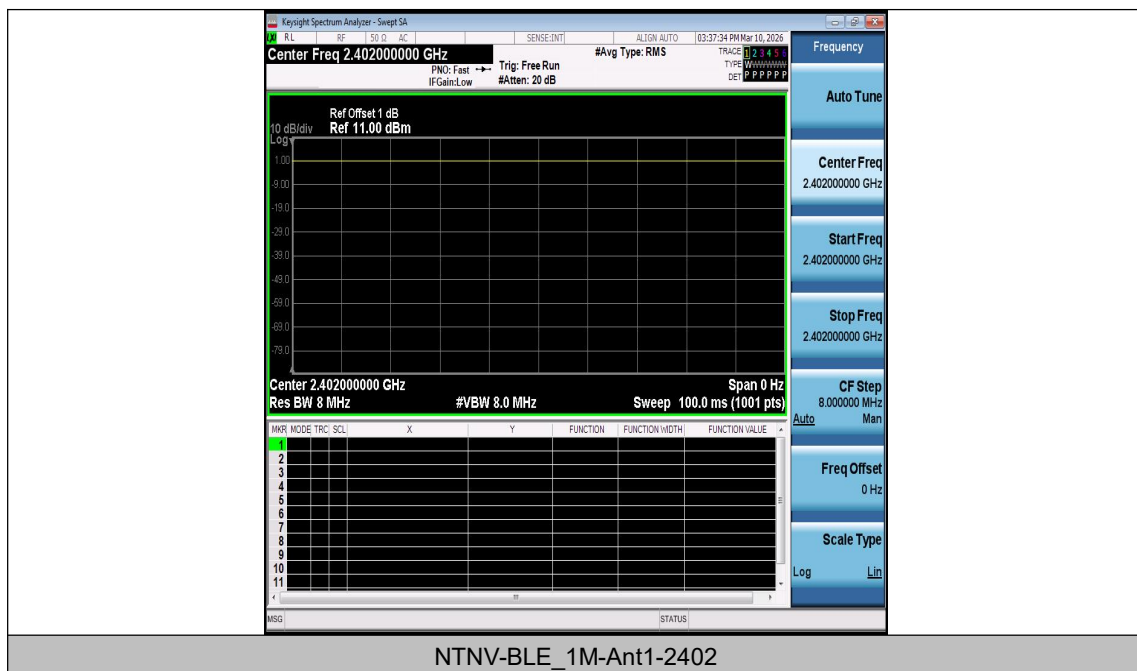
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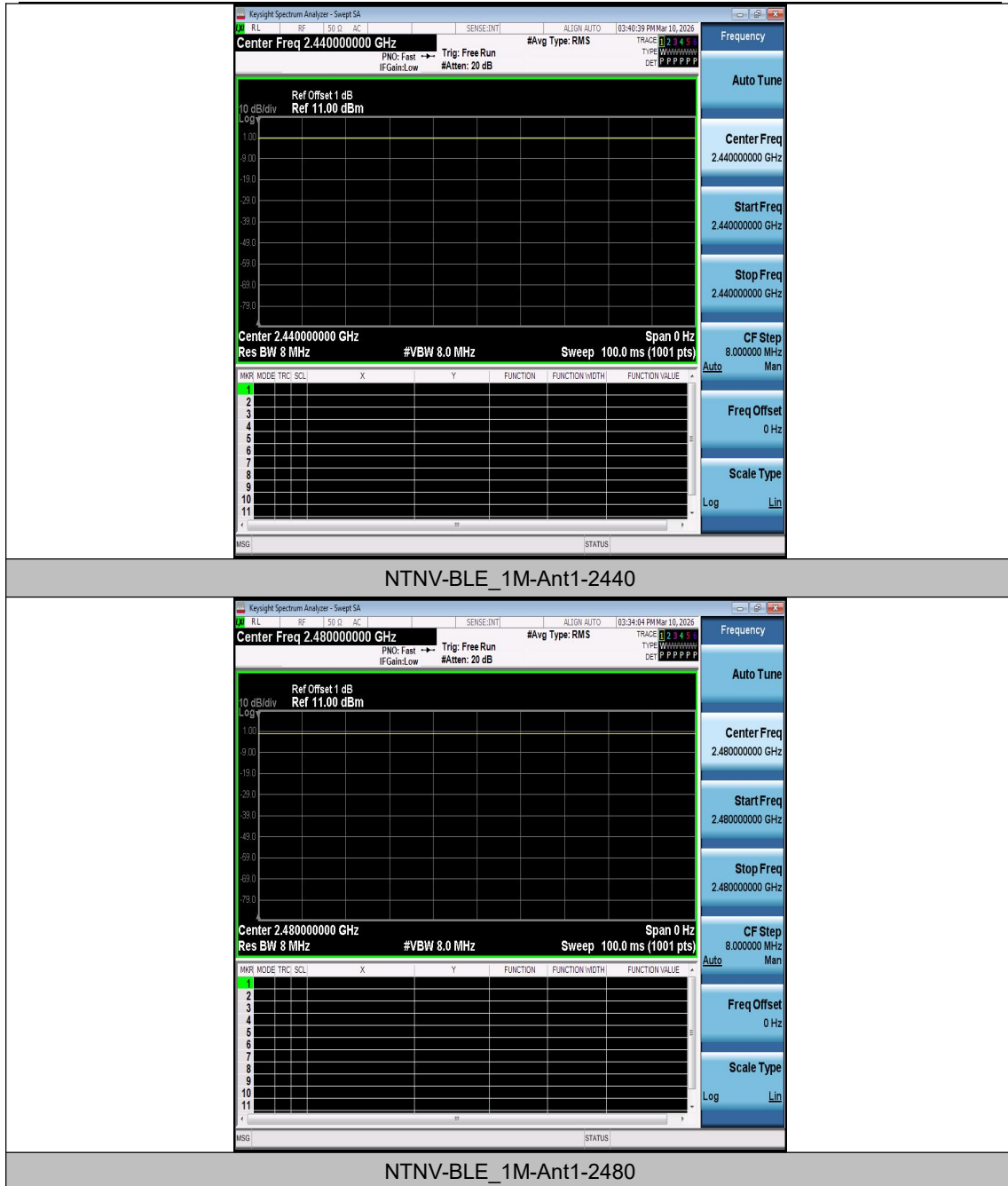
Appendix G: Duty Cycle

Test Result

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





---End---

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