

Appendix Test Data

Report No.:	1812C60181712501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-4-3	Finish Test Date:	2026-4-8
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	24.2°C	Relative Humidity:	61%
Pressure:	101kPa		



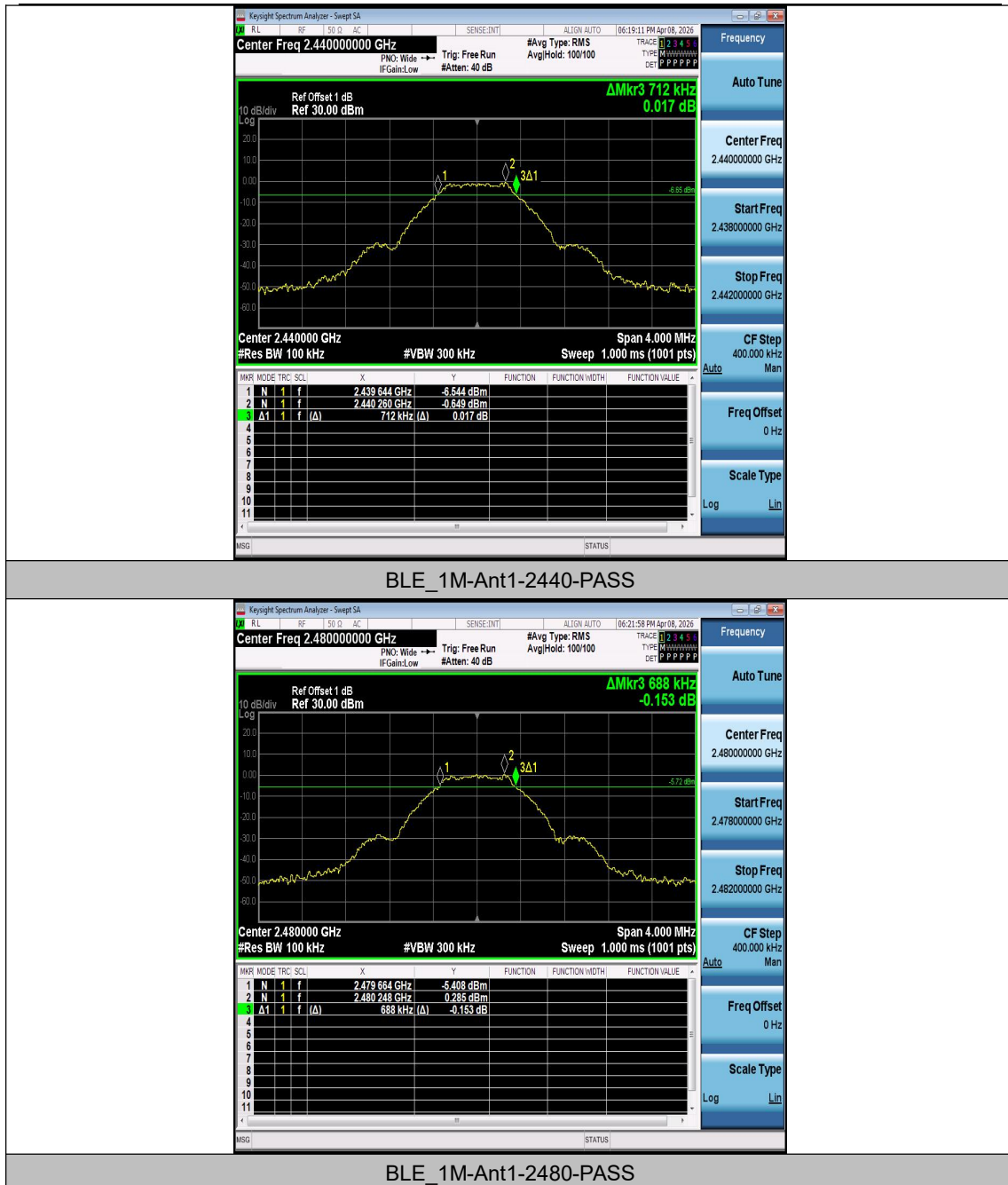
Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.700	2401.656	2402.356	0.5	PASS
BLE_1M	Ant1	2440	0.712	2439.644	2440.356	0.5	PASS
BLE_1M	Ant1	2480	0.688	2479.664	2480.352	0.5	PASS

Test Graphs



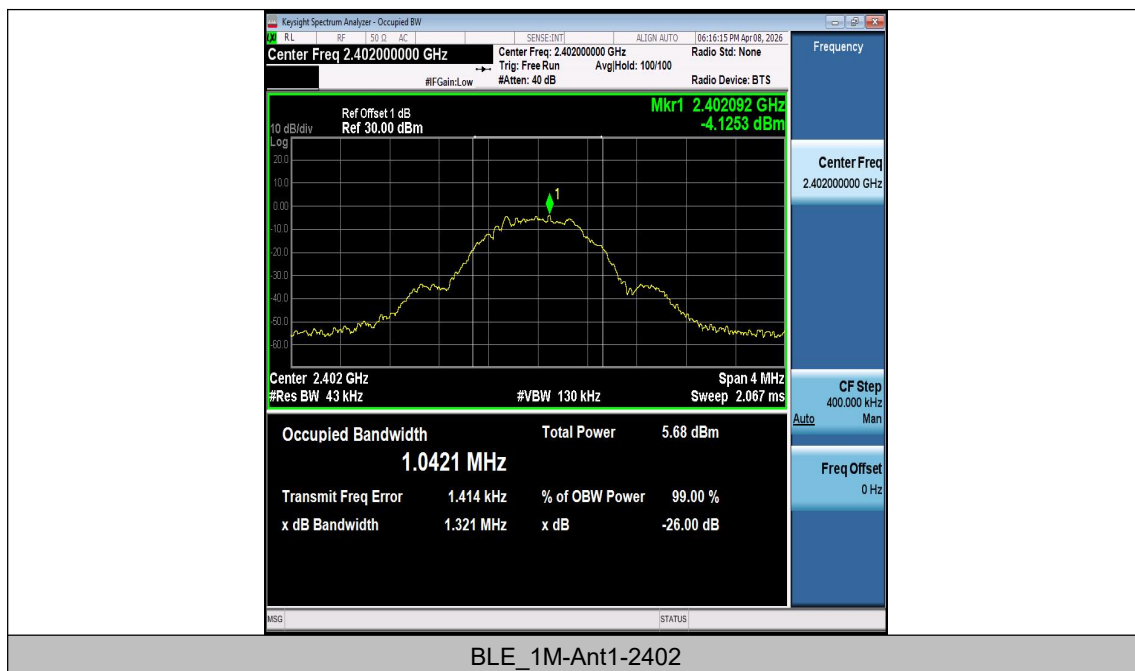


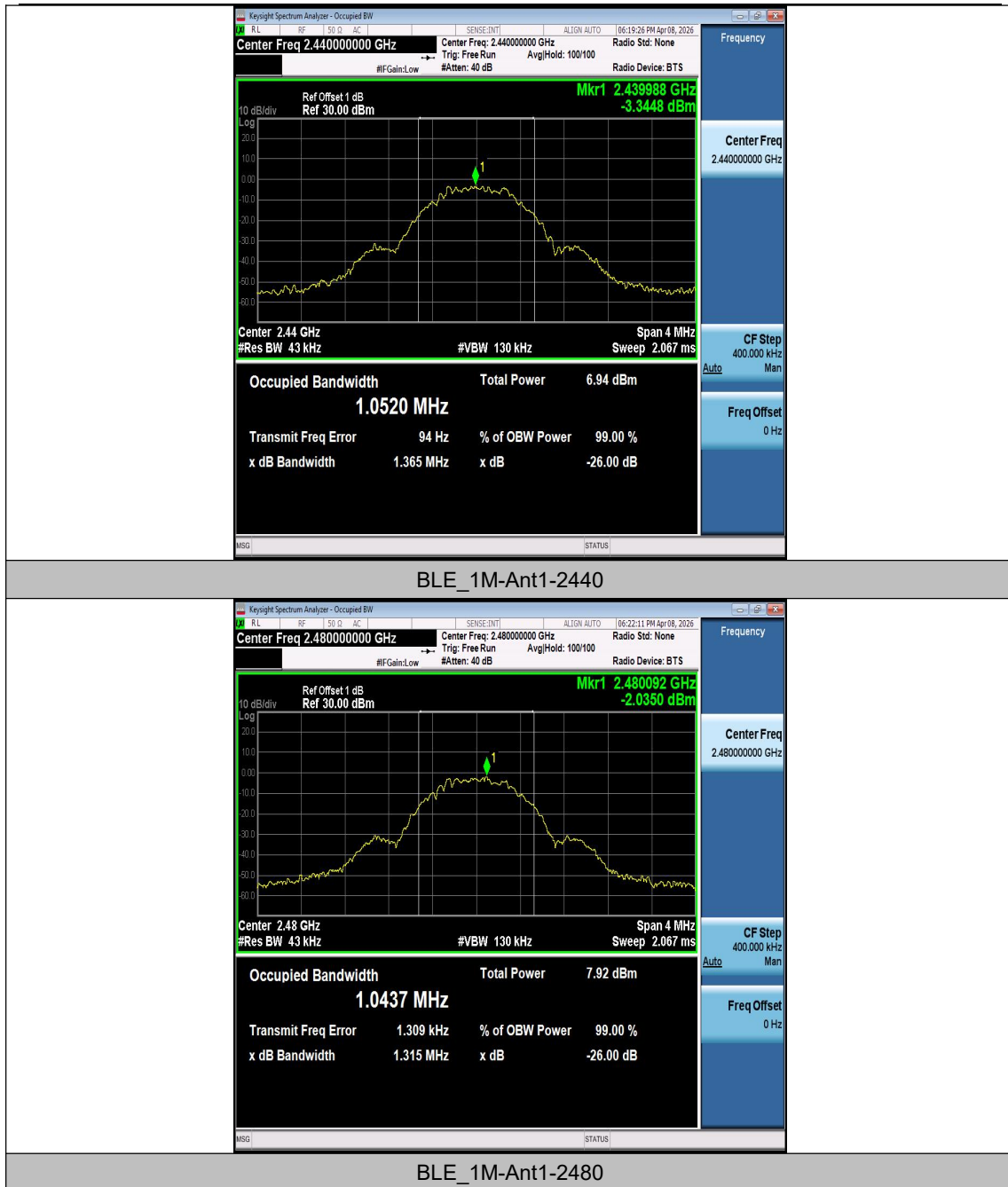
Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0421	2401.4804	2402.5225	---	---
BLE_1M	Ant1	2440	1.0520	2439.4741	2440.5261	---	---
BLE_1M	Ant1	2480	1.0437	2479.4795	2480.5232	---	---

Test Graphs





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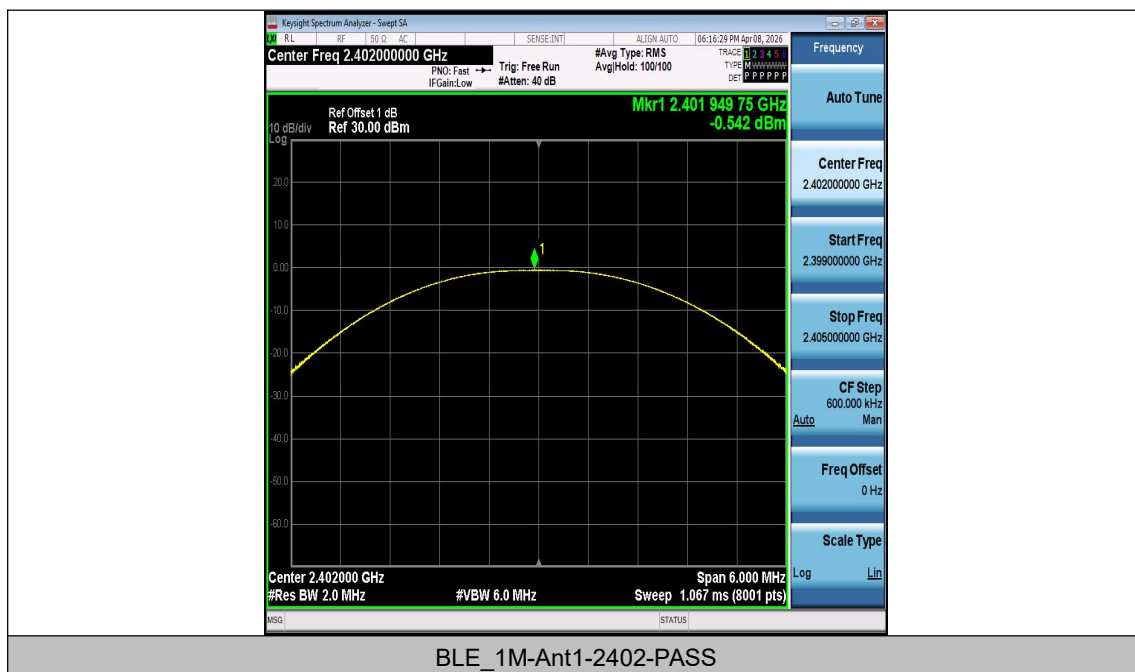
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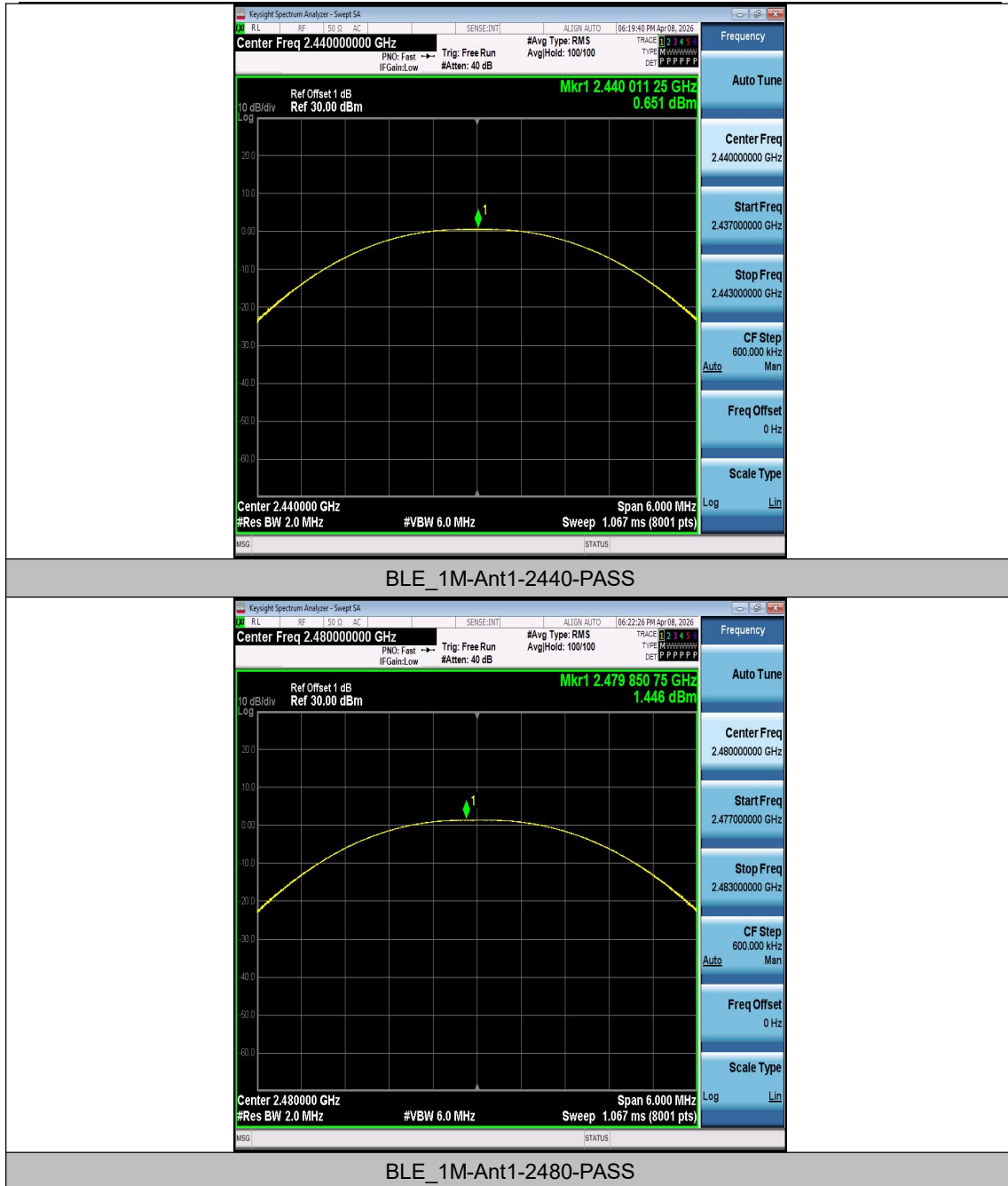
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-0.54	≤30	PASS
BLE_1M	Ant1	2440	0.65	≤30	PASS
BLE_1M	Ant1	2480	1.45	≤30	PASS

Test Graphs Peak





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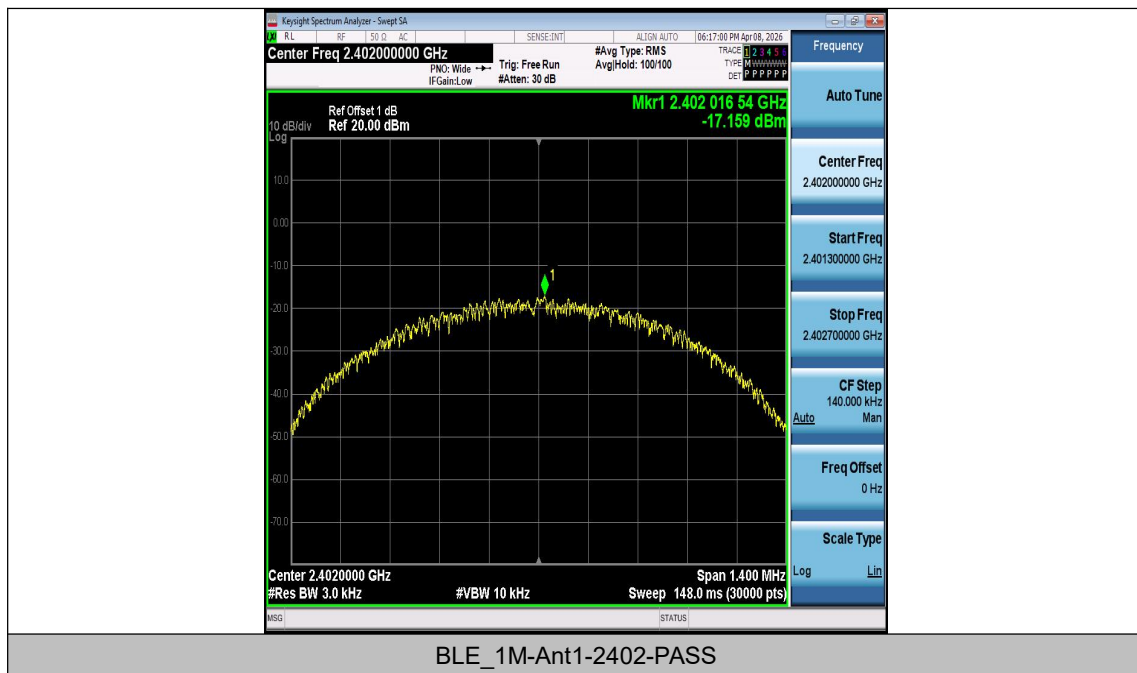
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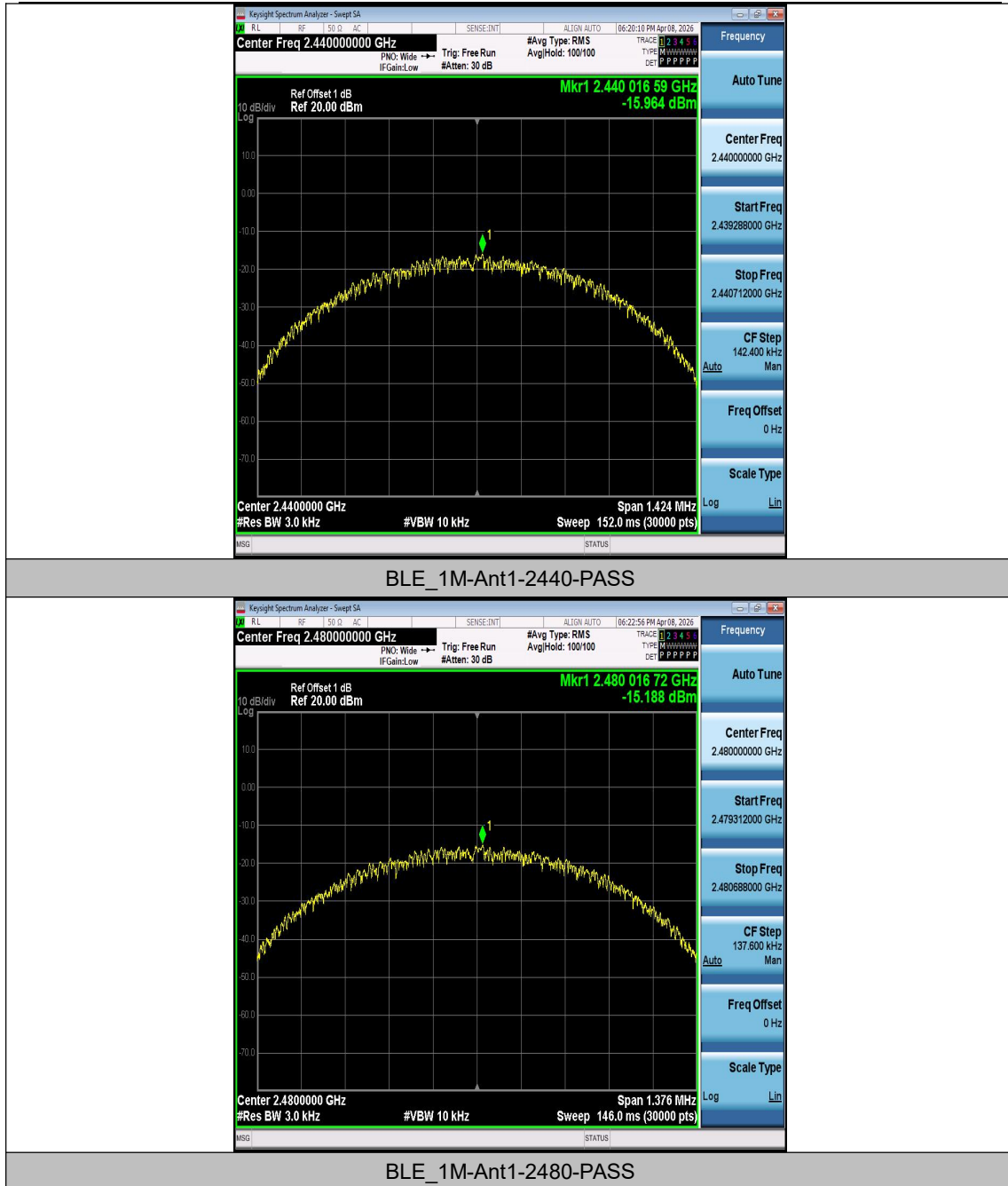
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-17.16	≤8.00	PASS
BLE_1M	Ant1	2440	-15.96	≤8.00	PASS
BLE_1M	Ant1	2480	-15.19	≤8.00	PASS

Test Graphs





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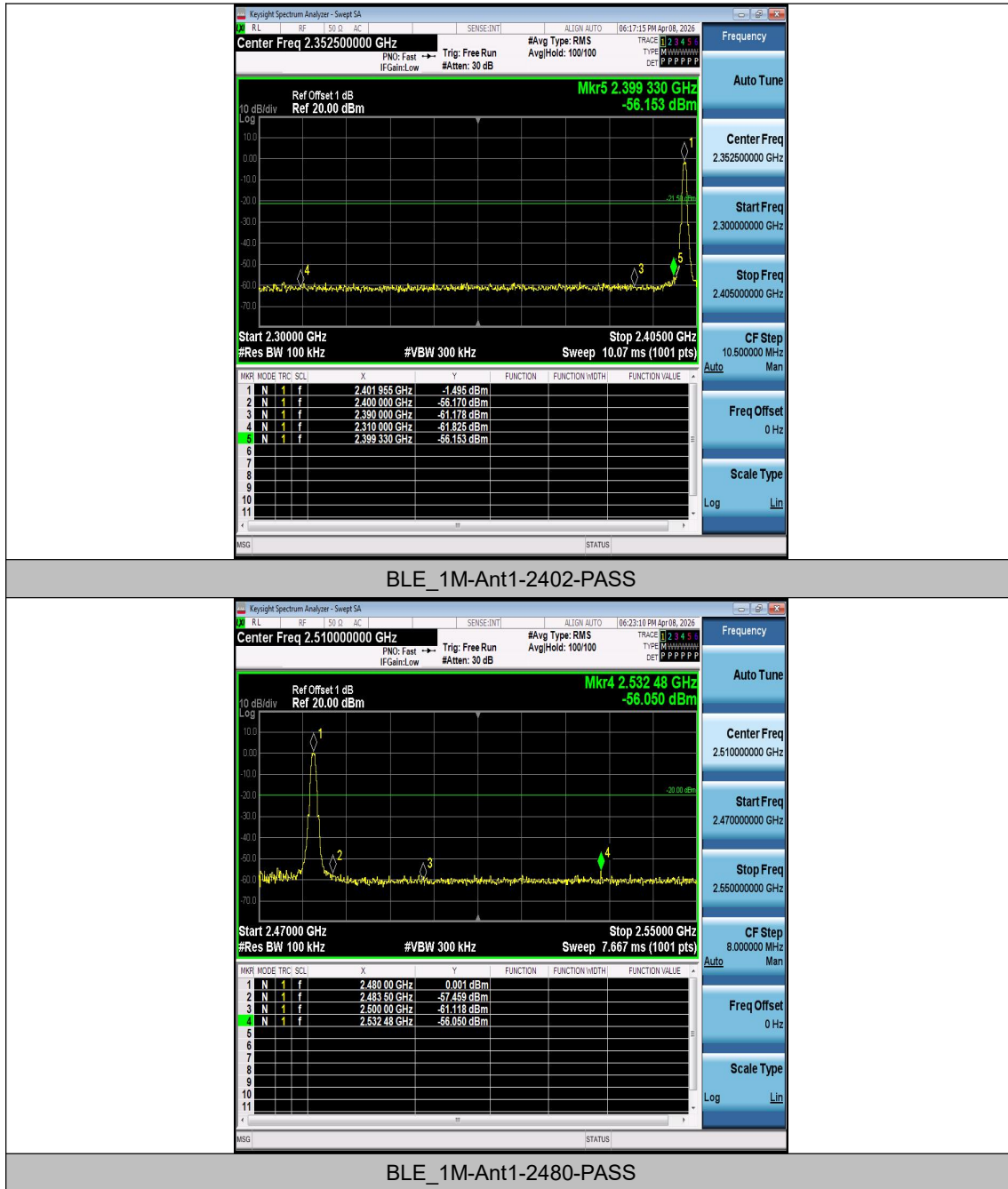
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-1.50	-56.15	≤-21.5	PASS
BLE_1M	Ant1	High	2480	0.00	-56.05	≤-20	PASS

Test Graphs



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Appendix F: Conducted Spurious Emission

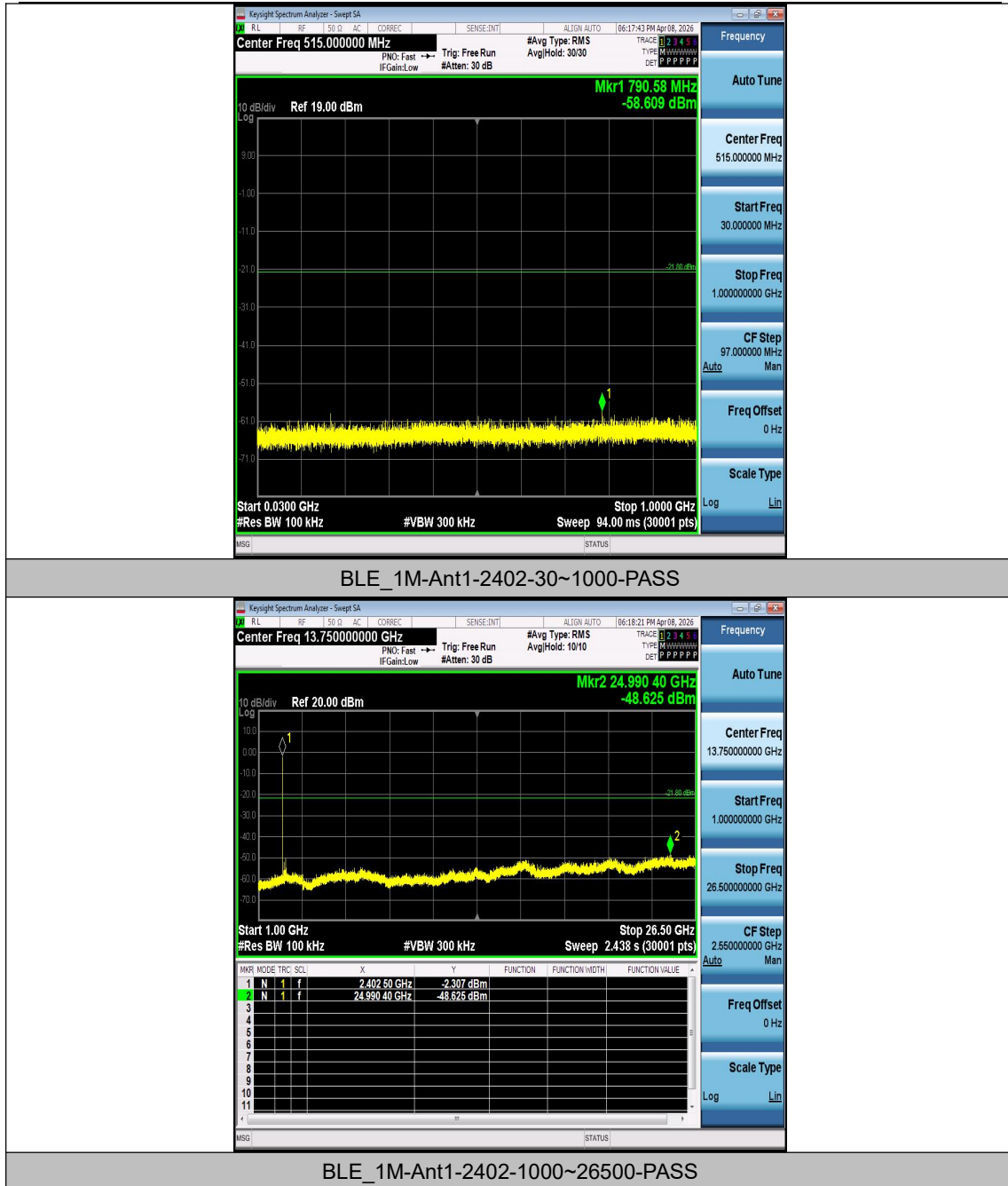
Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-1.80	-1.80	---	PASS
BLE_1M	Ant1	2402	30~1000	-1.80	-58.61	≤-21.8	PASS
BLE_1M	Ant1	2402	1000~26500	-1.80	-48.63	≤-21.8	PASS
BLE_1M	Ant1	2440	0~Reference	-0.72	-0.72	---	PASS
BLE_1M	Ant1	2440	30~1000	-0.72	-57.36	≤-20.72	PASS
BLE_1M	Ant1	2440	1000~26500	-0.72	-48.79	≤-20.72	PASS
BLE_1M	Ant1	2480	0~Reference	0.15	0.15	---	PASS
BLE_1M	Ant1	2480	30~1000	0.15	-58.41	≤-19.85	PASS
BLE_1M	Ant1	2480	1000~26500	0.15	-48.91	≤-19.85	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

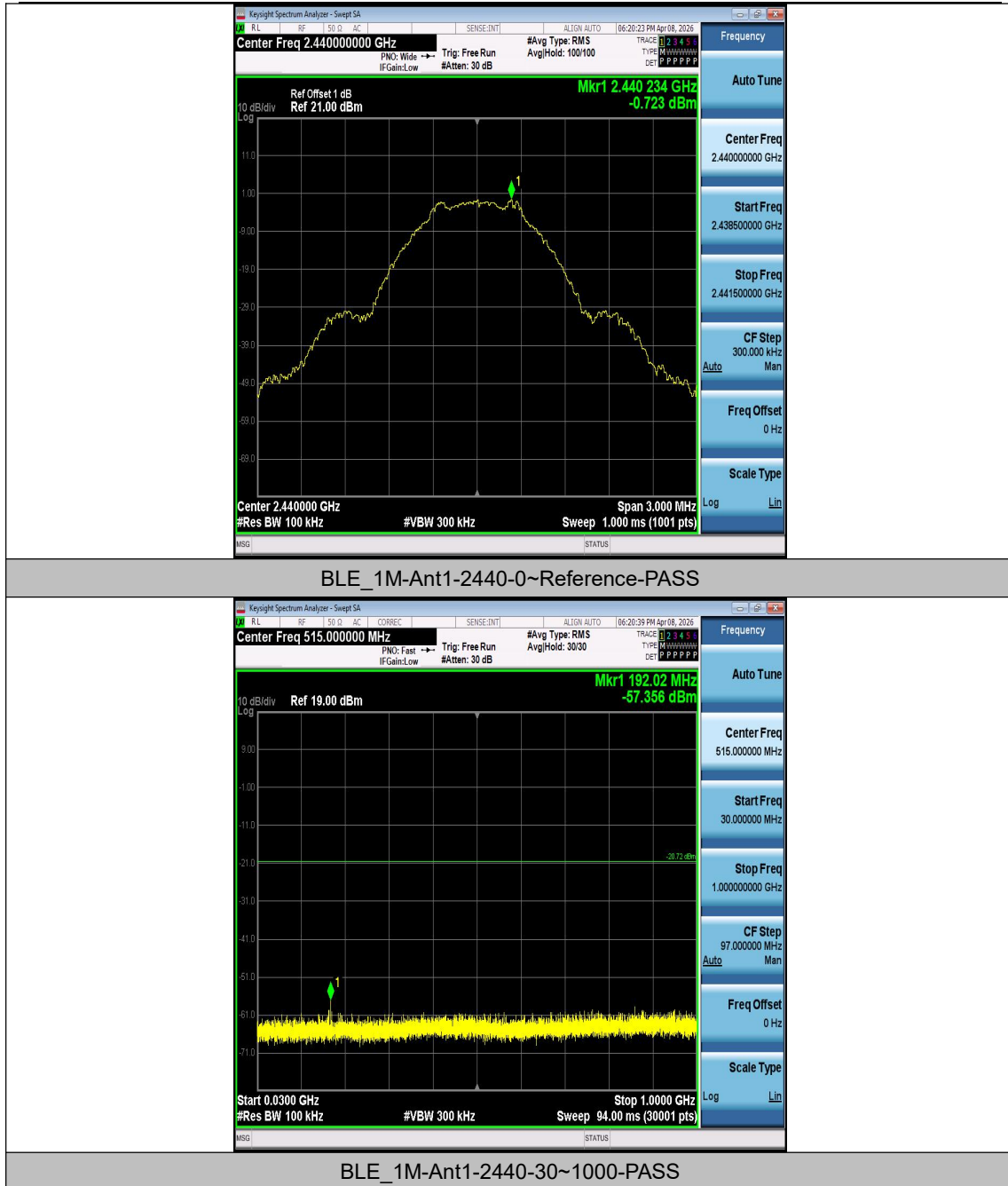




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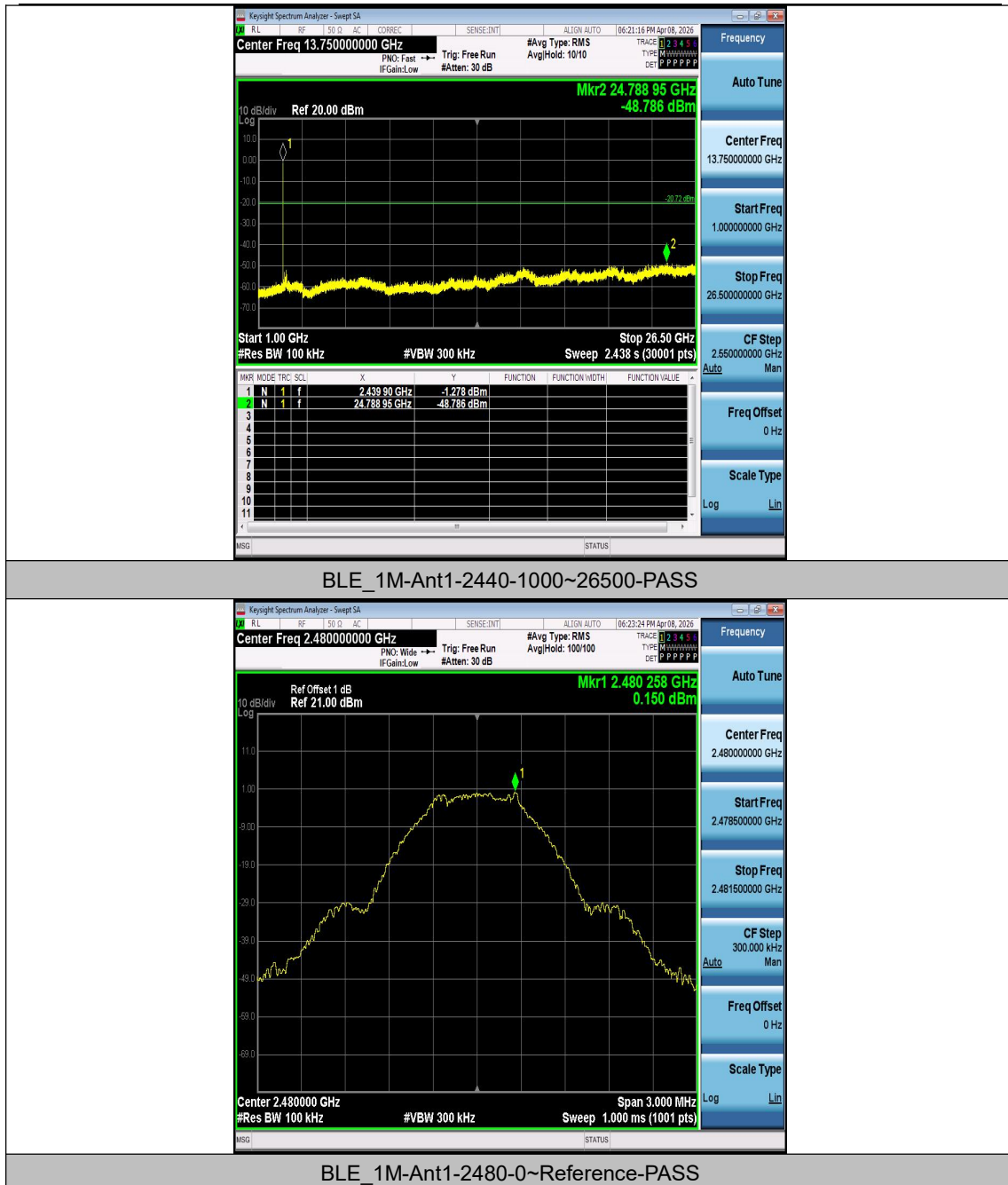
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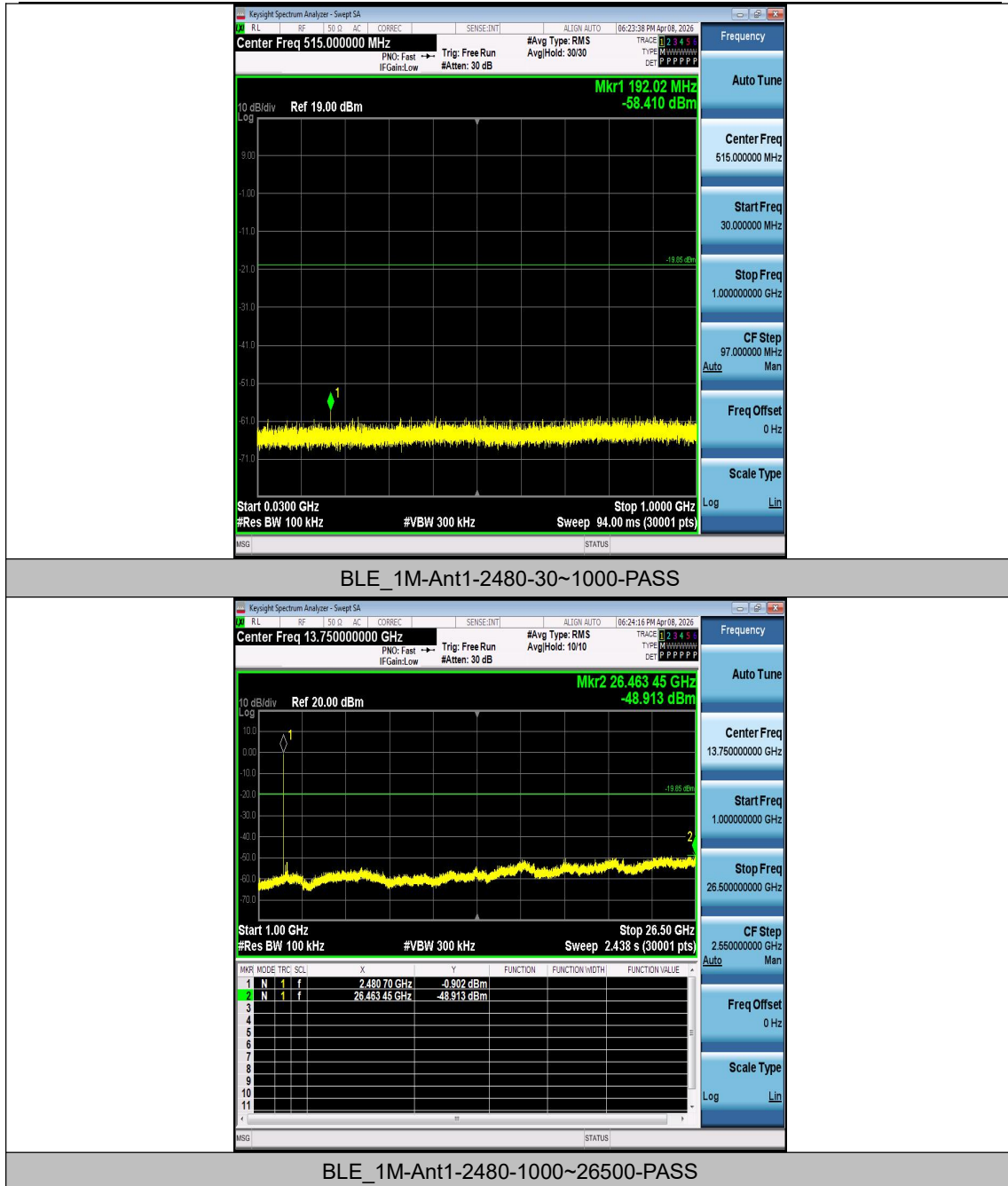
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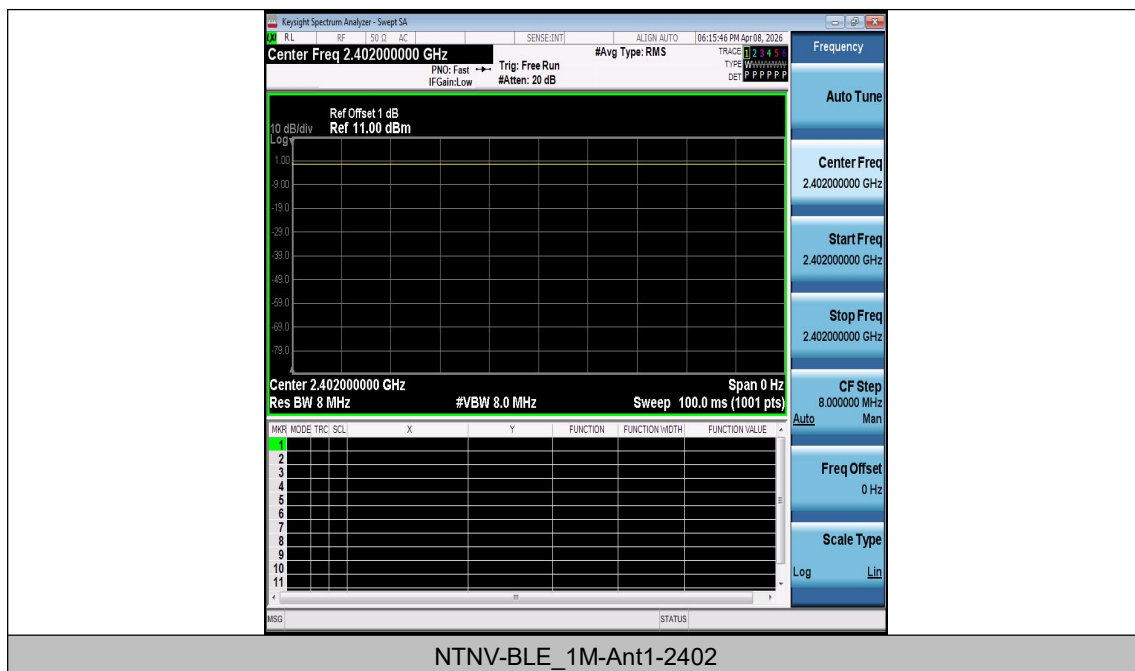
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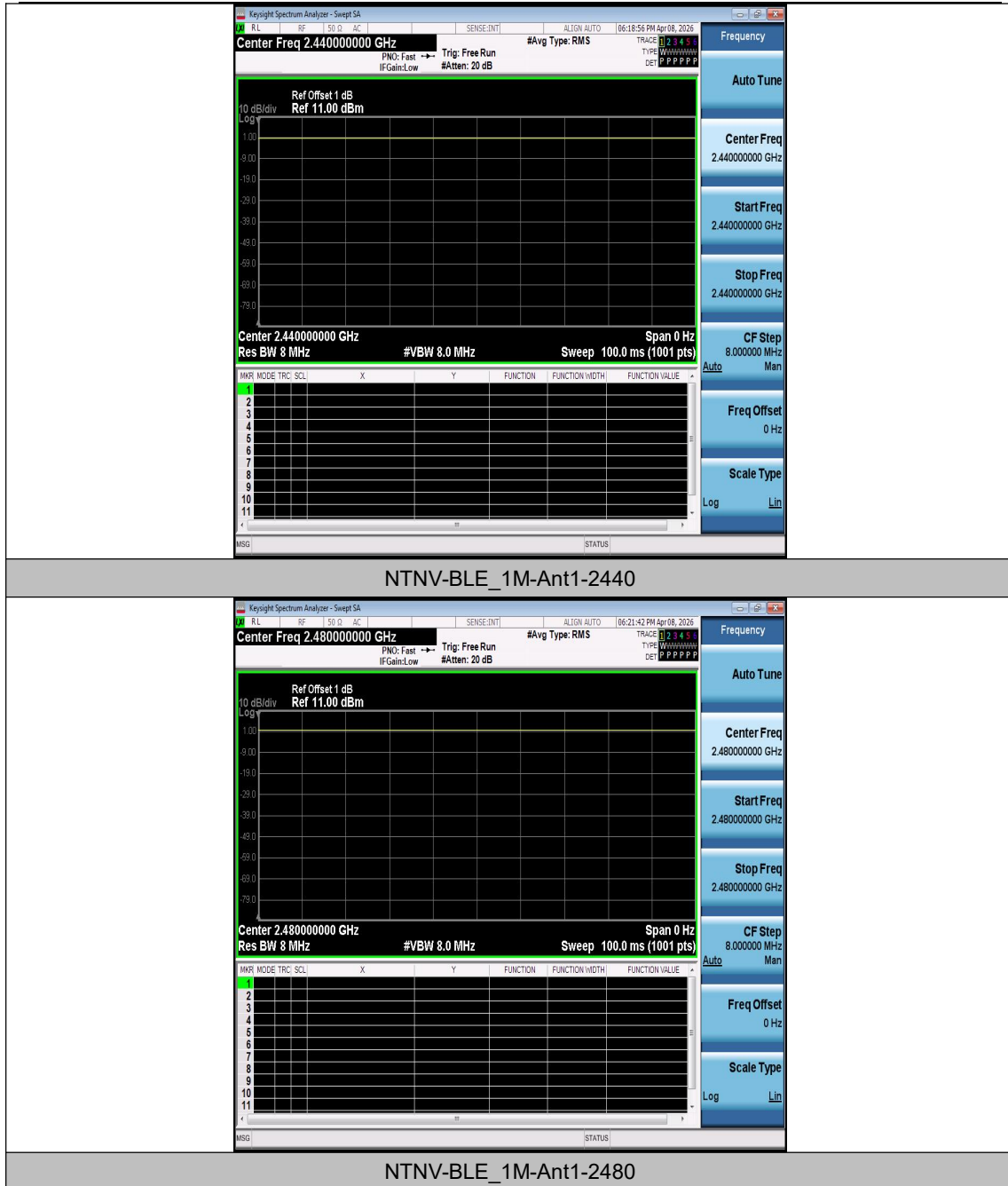
Appendix G: Duty Cycle

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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