

Appendix Test Data

Report No.:	1812C60499112501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-9-1	Finish Test Date:	2026-9-4
Test Engineer:	<i>Alex Peng</i>	Auditor:	<i>Justin Feng</i>
Temperature:	24.8°C	Relative Humidity:	62%
Pressure:	99.7kPa		

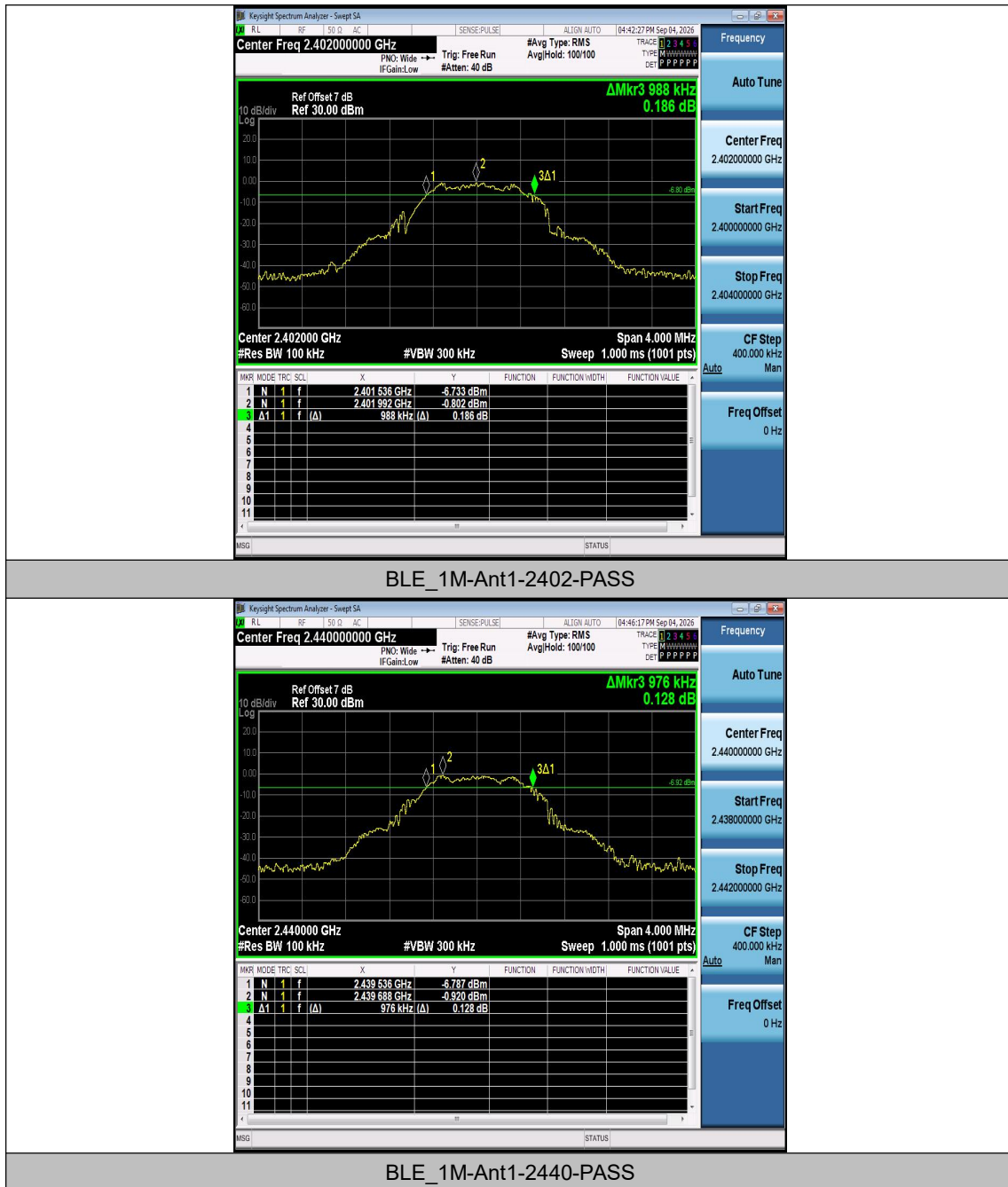


Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.988	2401.536	2402.524	0.5	PASS
BLE_1M	Ant1	2440	0.976	2439.536	2440.512	0.5	PASS
BLE_1M	Ant1	2480	0.932	2479.532	2480.464	0.5	PASS

Test Graphs



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BLE_1M-Ant1-2480-PASS

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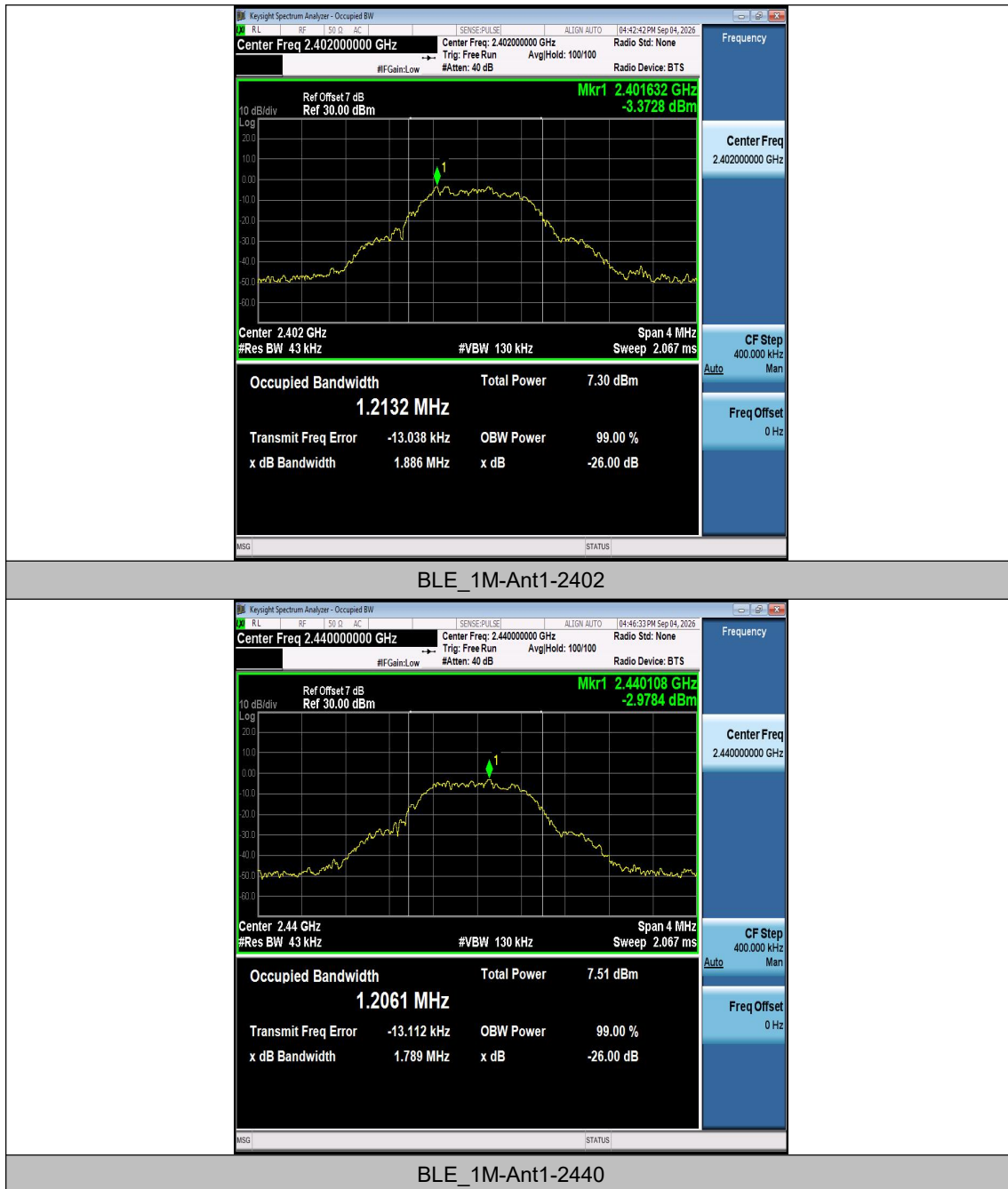
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Appendix B: 99% Occupied Bandwidth**Test Result**

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.2132	2401.3804	2402.5936	---	---
BLE_1M	Ant1	2440	1.2061	2439.3838	2440.5899	---	---
BLE_1M	Ant1	2480	1.1897	2479.3871	2480.5768	---	---

Test Graphs



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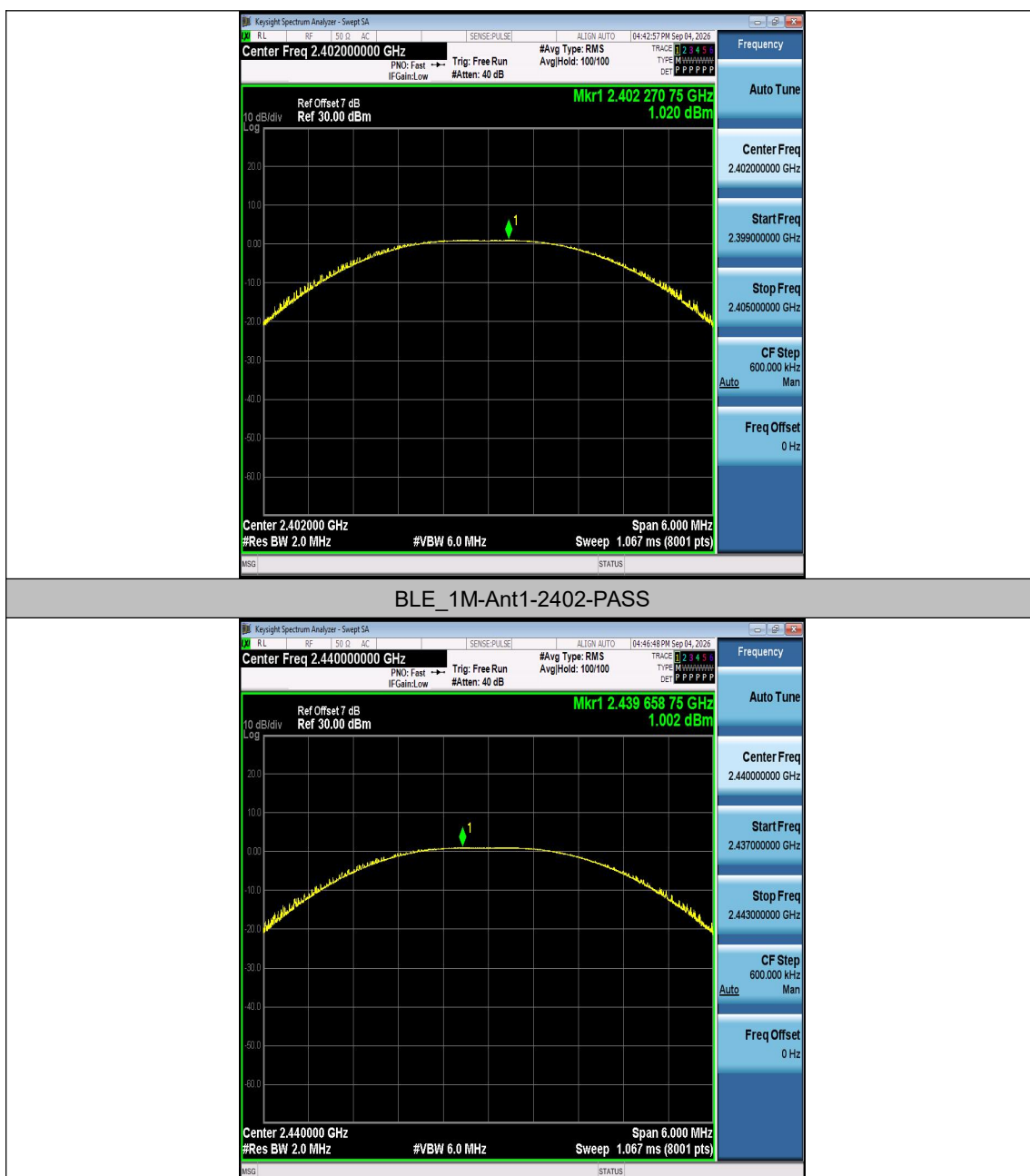
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Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	1.02	≤30	PASS
BLE_1M	Ant1	2440	1.00	≤30	PASS
BLE_1M	Ant1	2480	1.78	≤30	PASS

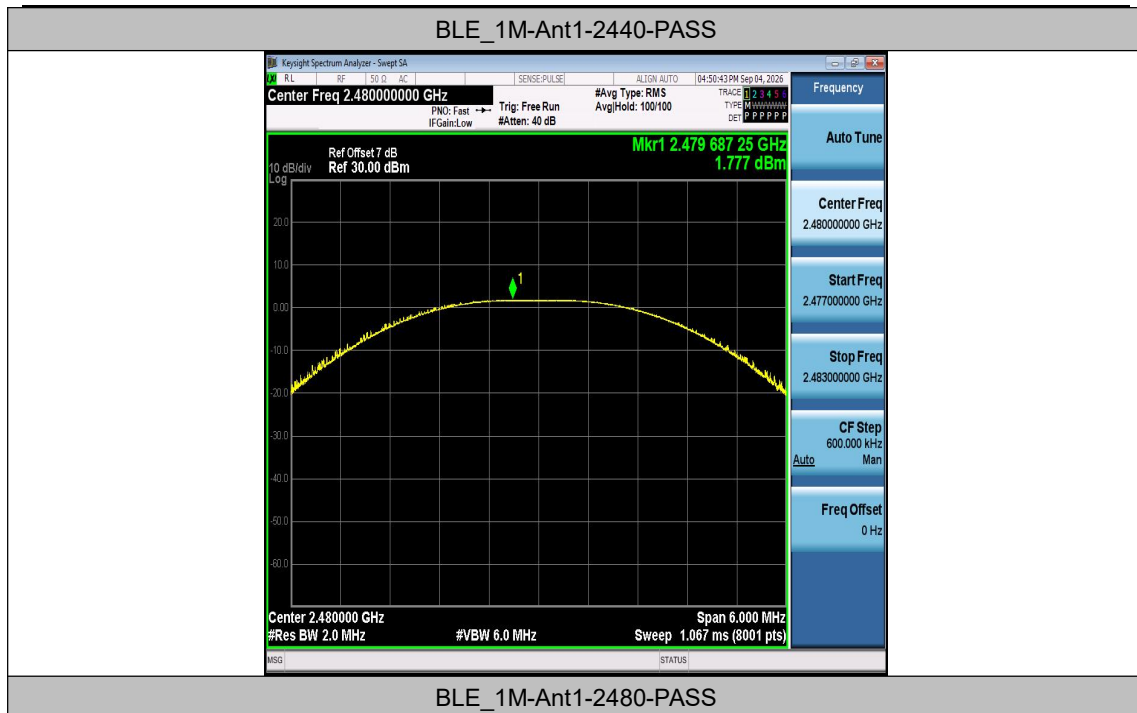
Test Graphs Peak



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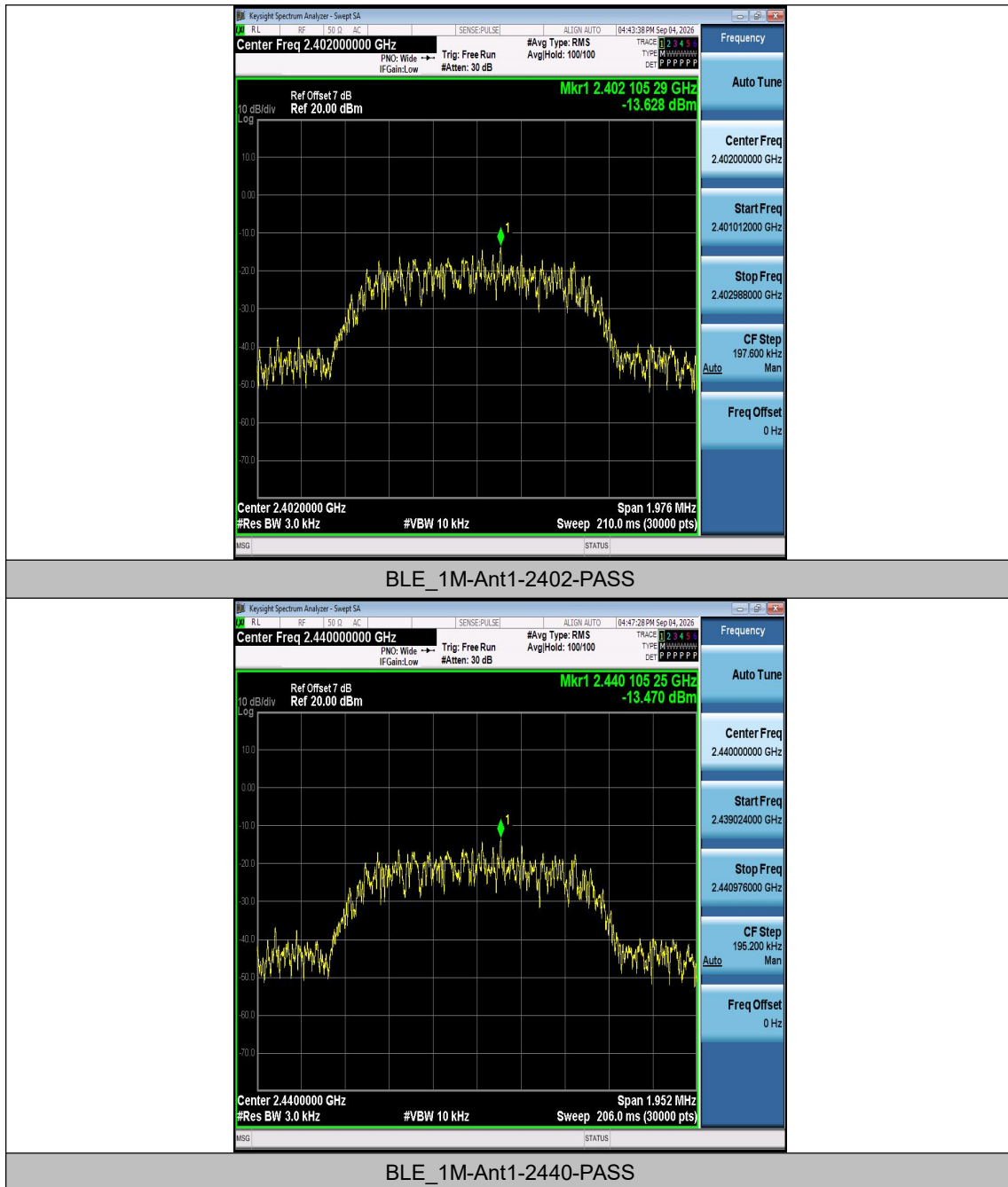
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-13.63	≤8.00	PASS
BLE_1M	Ant1	2440	-13.47	≤8.00	PASS
BLE_1M	Ant1	2480	-12.65	≤8.00	PASS

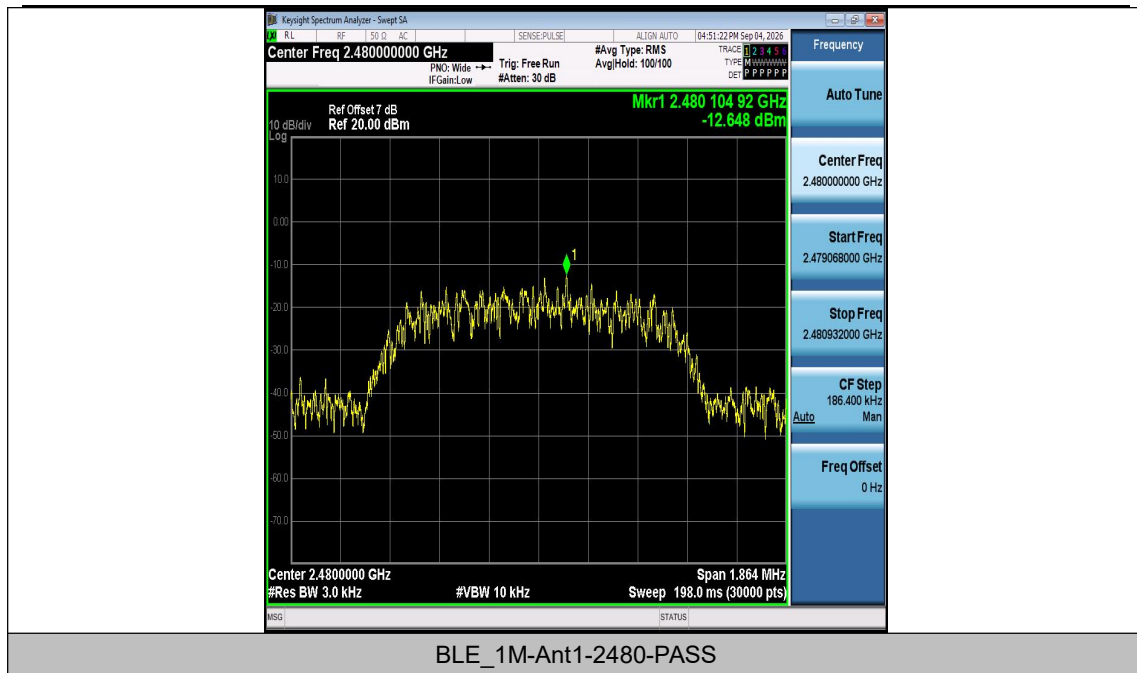
Test Graphs



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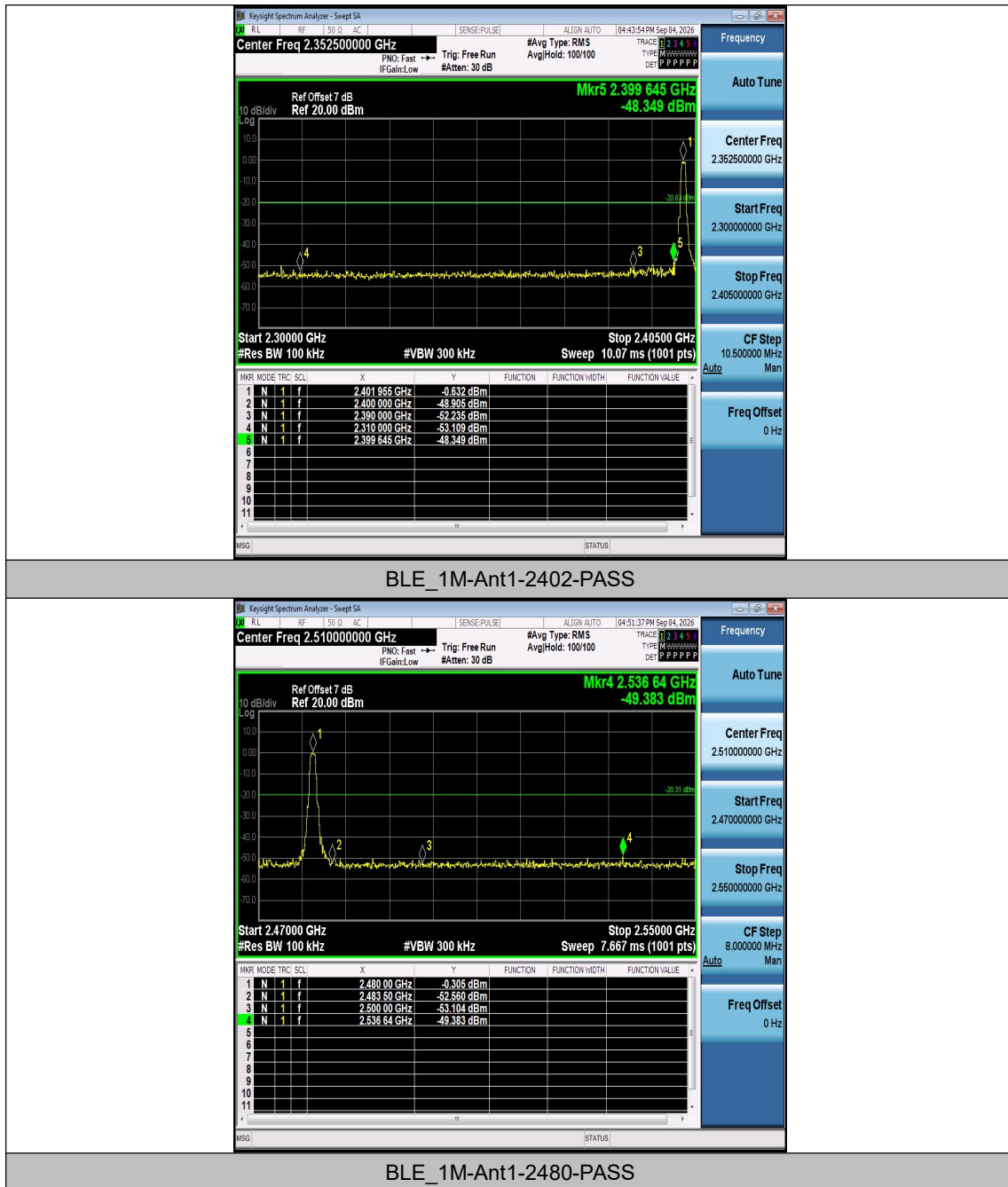
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-0.63	-48.35	≤-20.63	PASS
BLE_1M	Ant1	High	2480	-0.31	-49.38	≤-20.31	PASS

Test Graphs



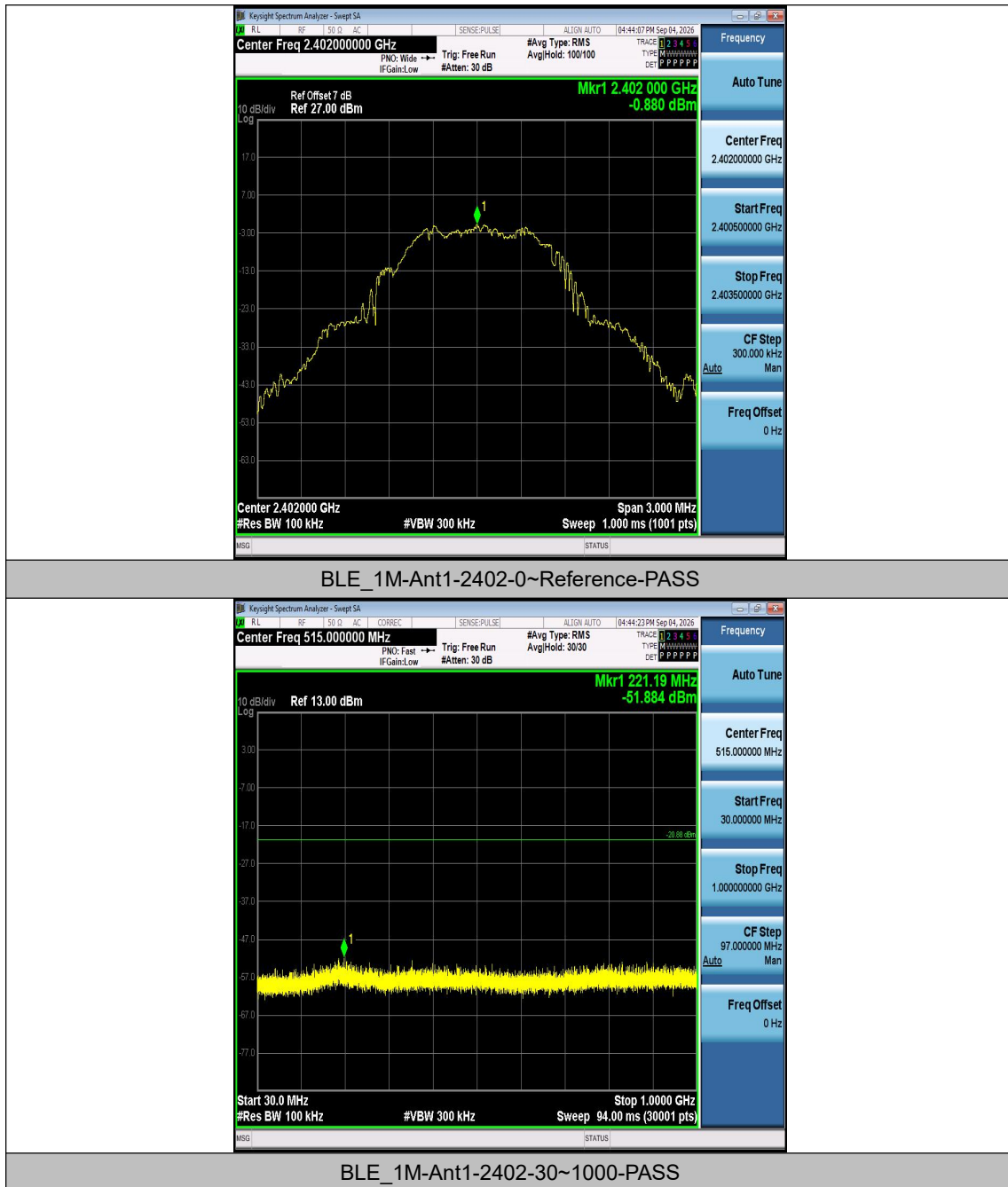
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-0.88	-0.88	---	PASS
BLE_1M	Ant1	2402	30~1000	-0.88	-51.88	≤-20.88	PASS
BLE_1M	Ant1	2402	1000~26500	-0.88	-36.57	≤-20.88	PASS
BLE_1M	Ant1	2440	0~Reference	-0.96	-0.96	---	PASS
BLE_1M	Ant1	2440	30~1000	-0.96	-51.99	≤-20.96	PASS
BLE_1M	Ant1	2440	1000~26500	-0.96	-37.25	≤-20.96	PASS
BLE_1M	Ant1	2480	0~Reference	-0.03	-0.03	---	PASS
BLE_1M	Ant1	2480	30~1000	-0.03	-51.16	≤-20.03	PASS
BLE_1M	Ant1	2480	1000~26500	-0.03	-36.97	≤-20.03	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.

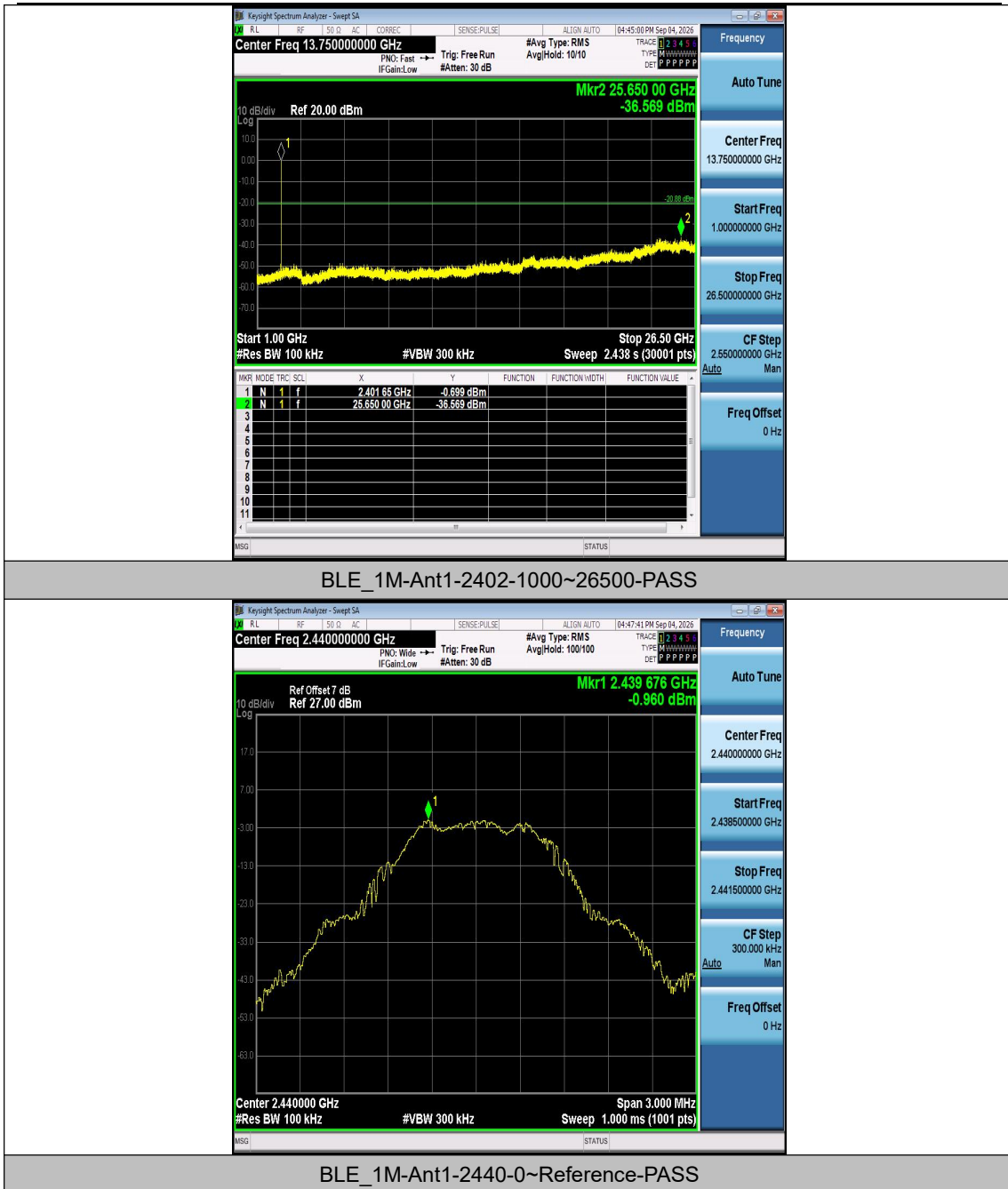
Test Graphs



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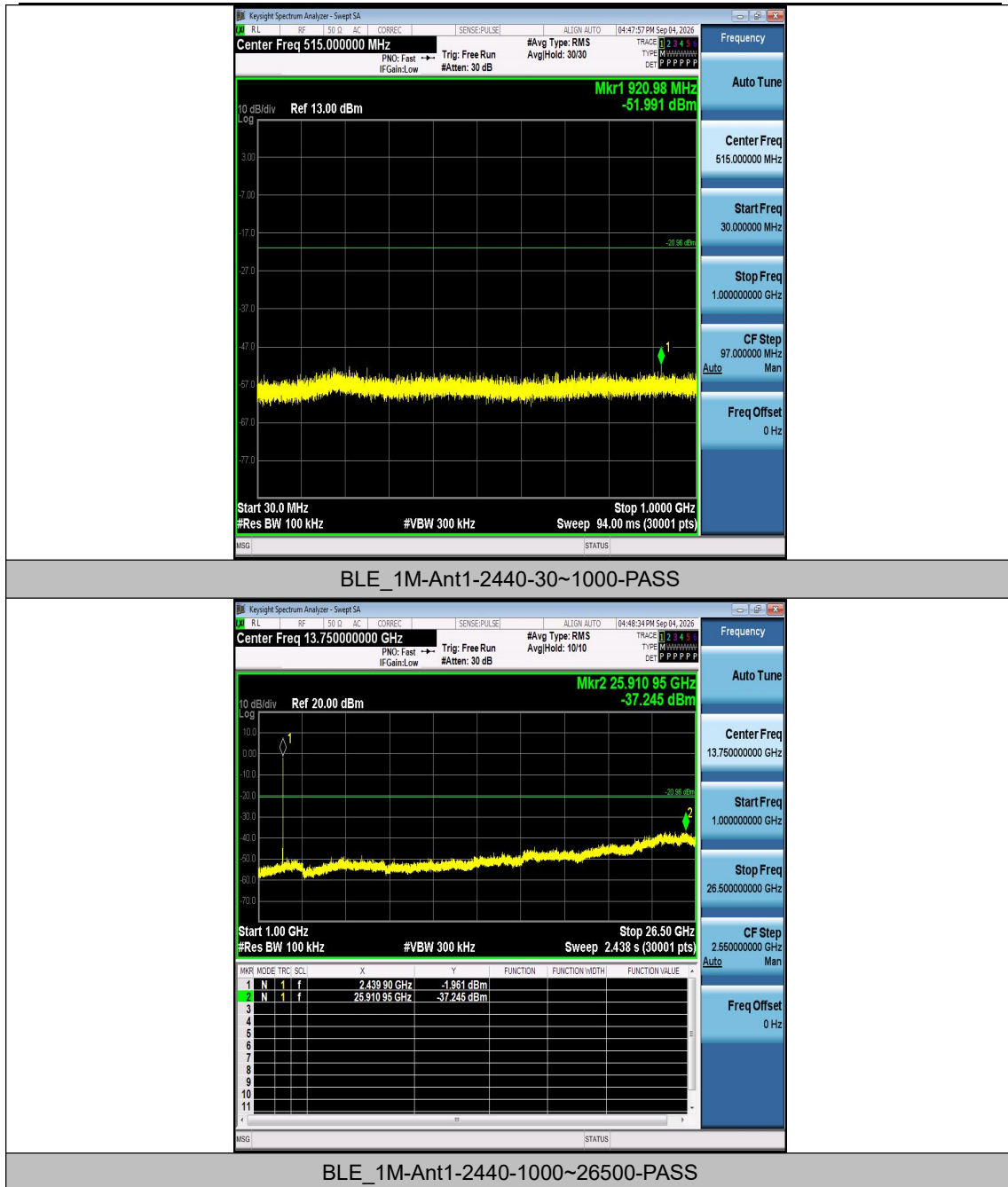
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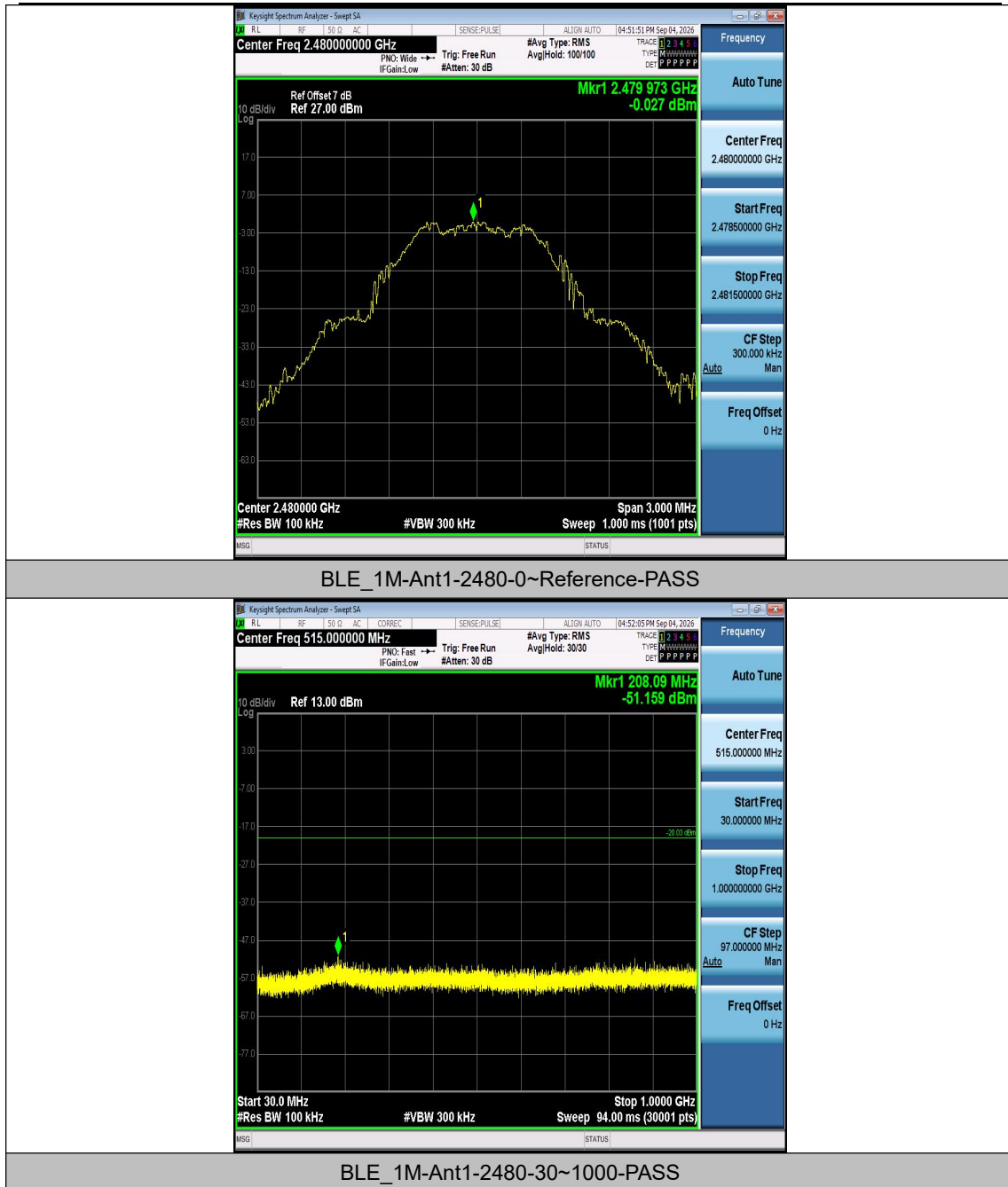
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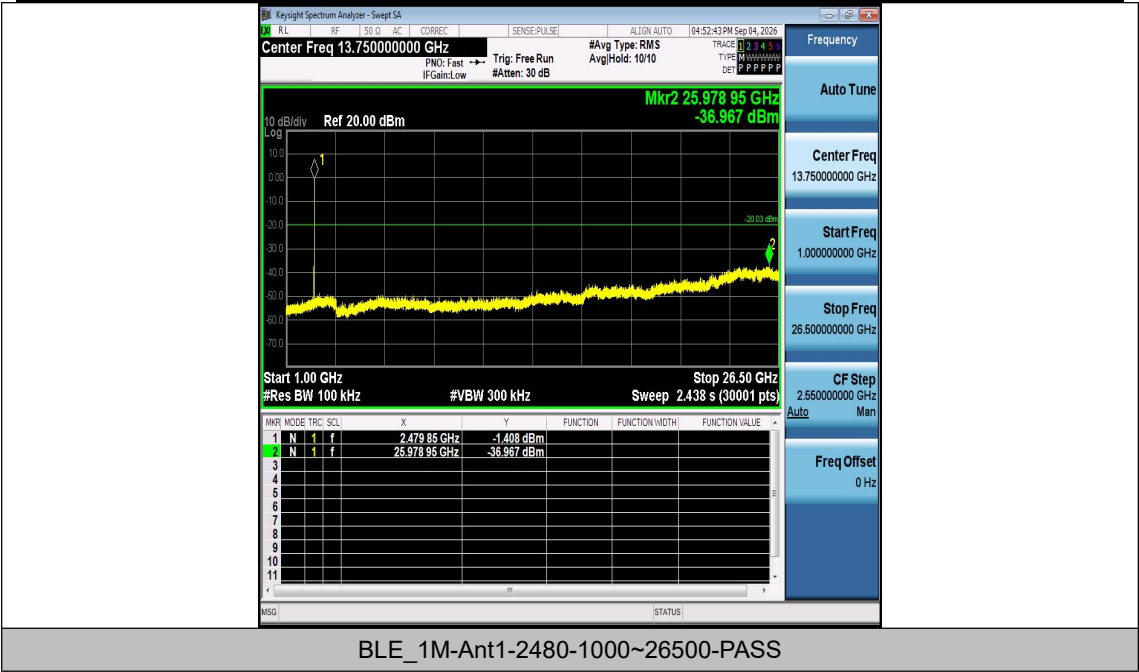
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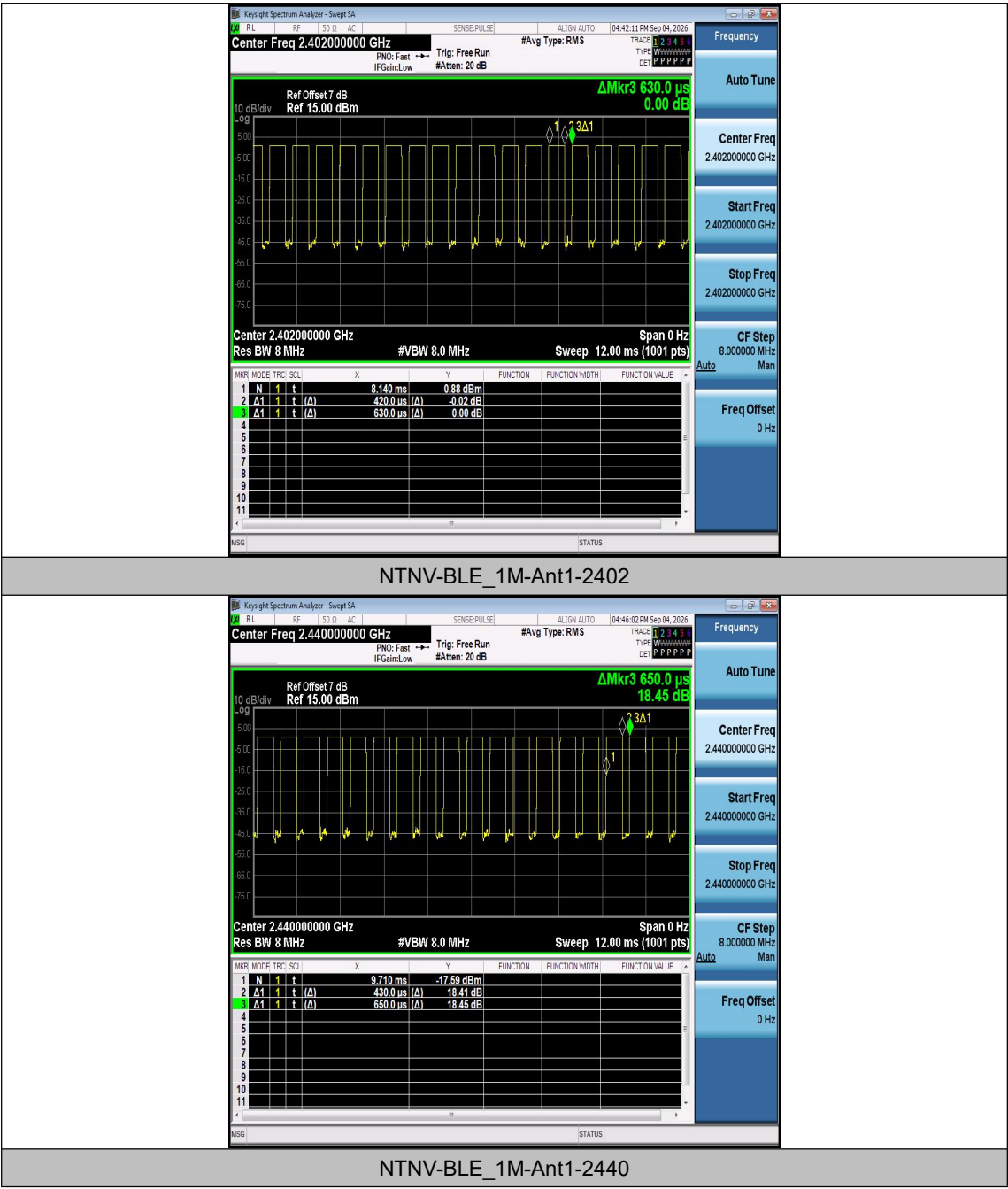
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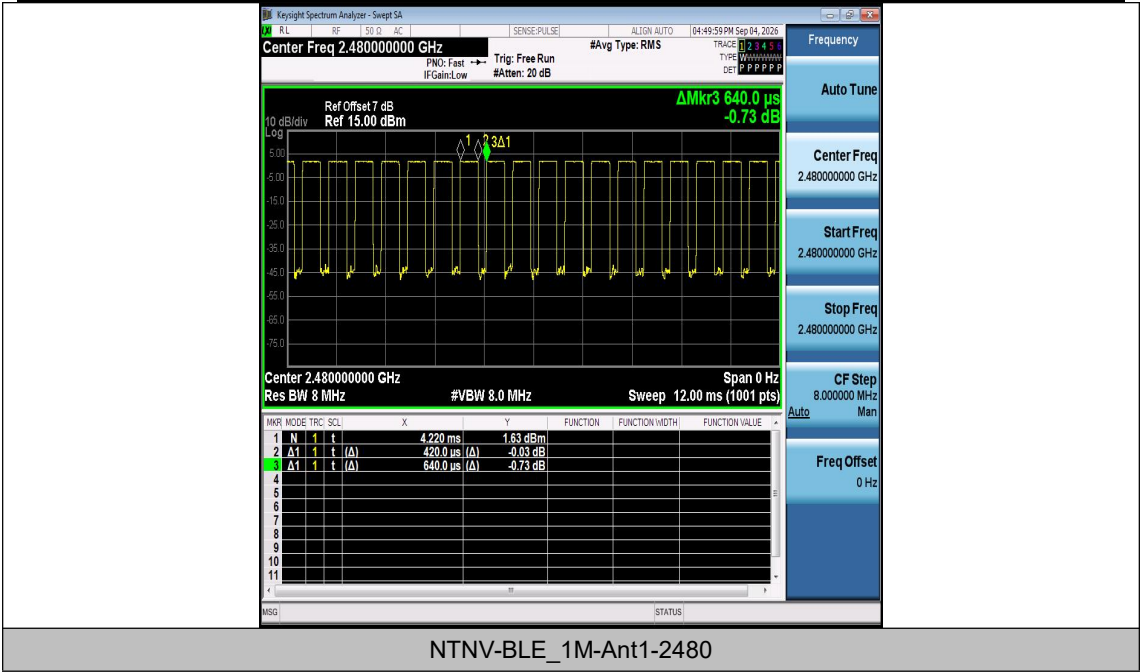
Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	0.42	0.63	66.67	1.76
BLE_1M	Ant1	2440	0.43	0.65	66.15	1.79
BLE_1M	Ant1	2480	0.42	0.64	65.63	1.83

Test Graphs





NTNV-BLE_1M-Ant1-2480

---End---