

Appendix Test Data

Report No.:	1812C60472012501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-9-2	Finish Test Date:	2026-9-8
Test Engineer:	<i>Alex Peng</i>	Auditor:	<i>Justin Feng</i>
Temperature:	25°C	Relative Humidity:	62%
Pressure:	100.2kPa		



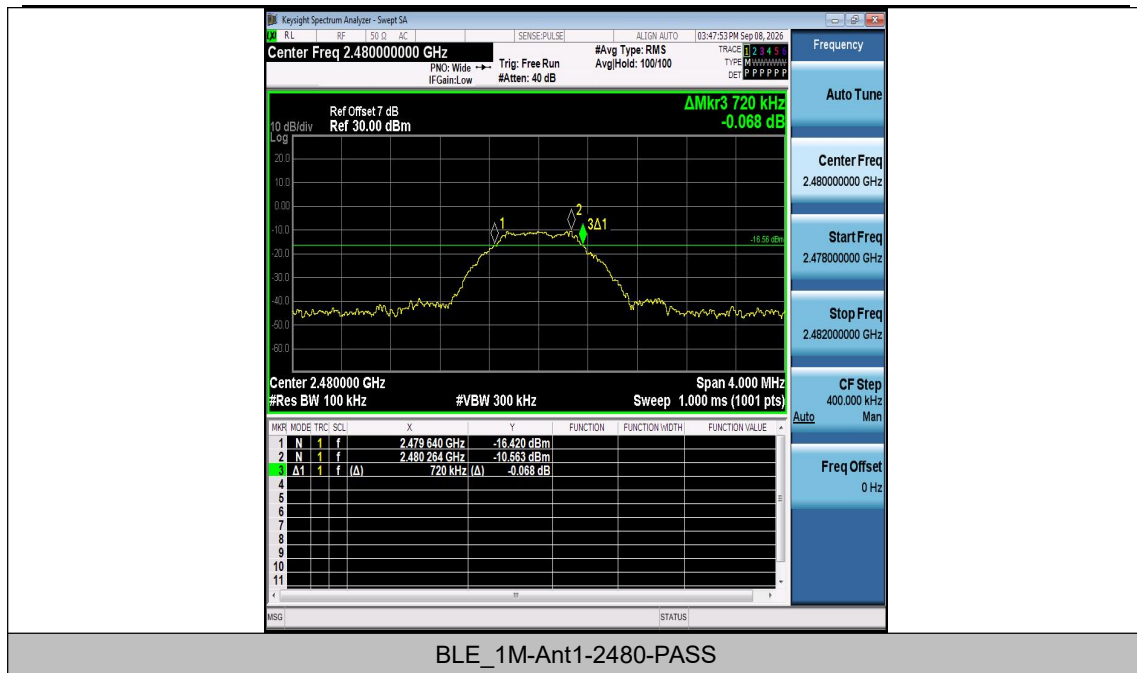
Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.648	2401.676	2402.324	0.5	PASS
BLE_1M	Ant1	2440	0.652	2439.676	2440.328	0.5	PASS
BLE_1M	Ant1	2480	0.720	2479.640	2480.360	0.5	PASS

Test Graphs





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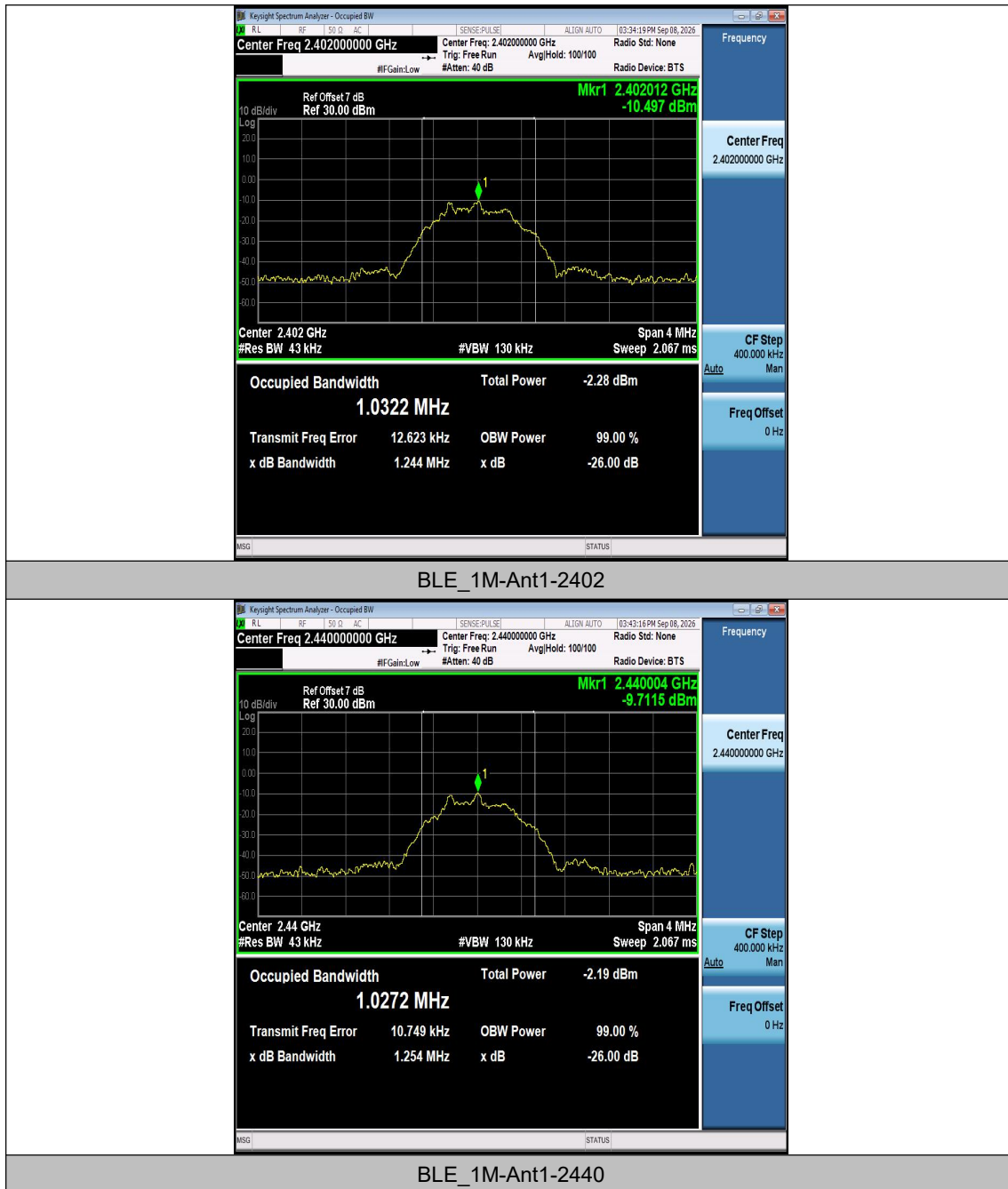
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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0322	2401.4965	2402.5287	---	---
BLE_1M	Ant1	2440	1.0272	2439.4972	2440.5244	---	---
BLE_1M	Ant1	2480	1.0336	2479.4962	2480.5298	---	---

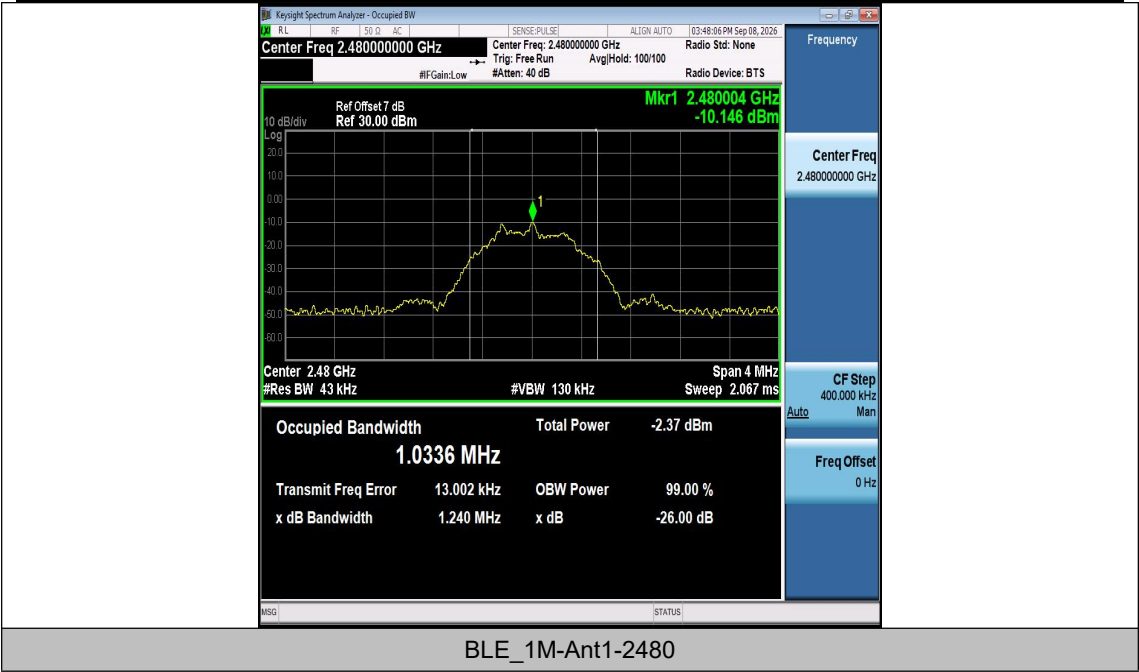
Test Graphs



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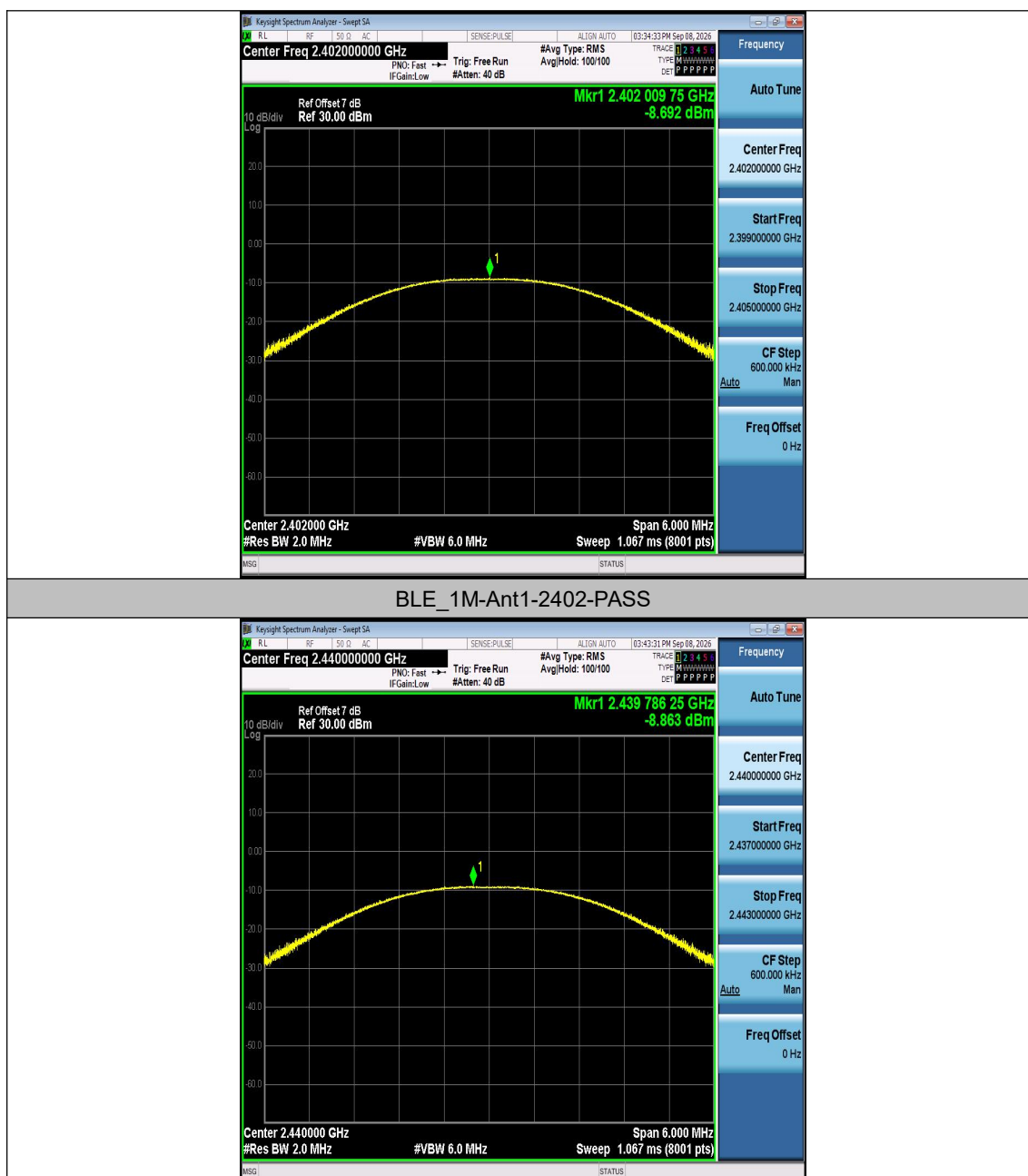
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Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-8.69	≤30	PASS
BLE_1M	Ant1	2440	-8.86	≤30	PASS
BLE_1M	Ant1	2480	-8.91	≤30	PASS

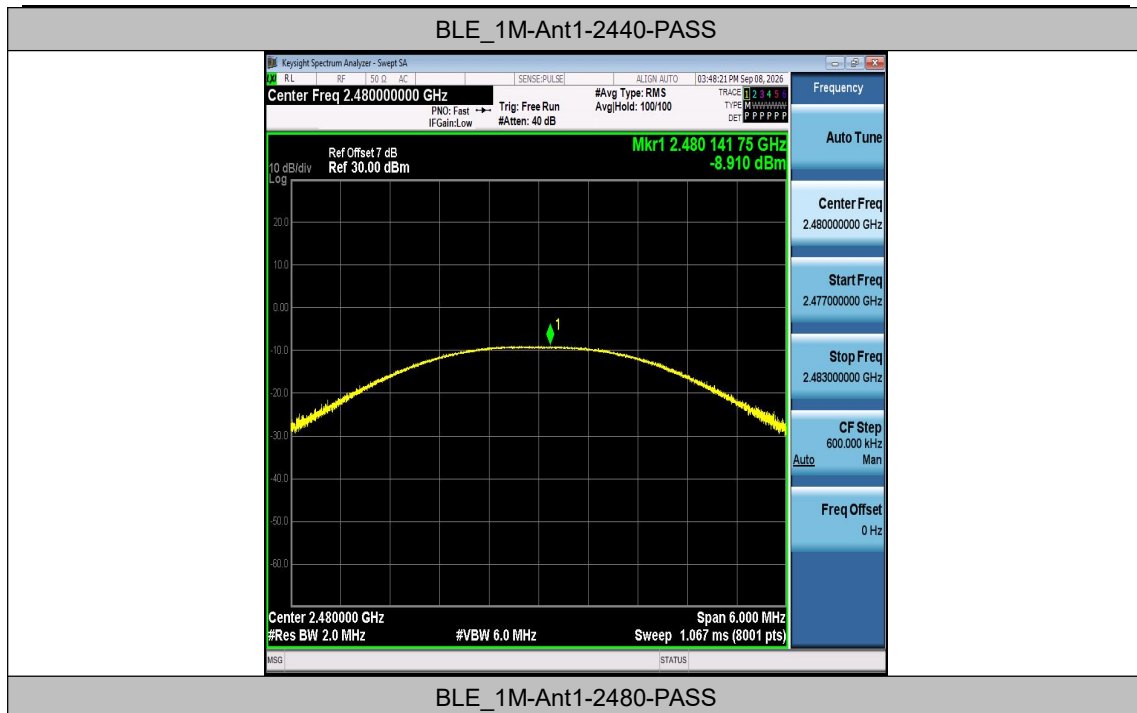
Test Graphs Peak



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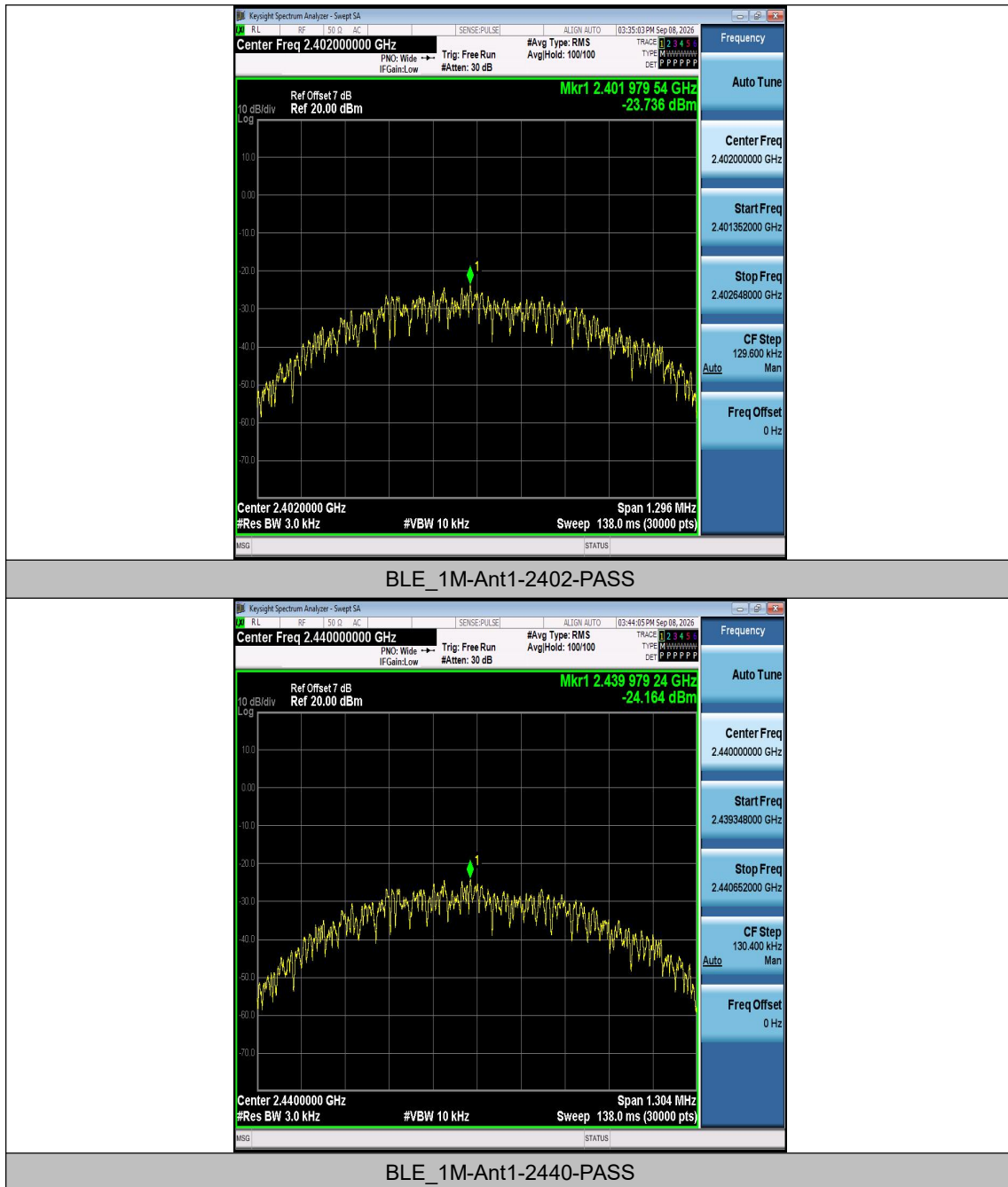
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-23.74	≤8.00	PASS
BLE_1M	Ant1	2440	-24.16	≤8.00	PASS
BLE_1M	Ant1	2480	-23.91	≤8.00	PASS

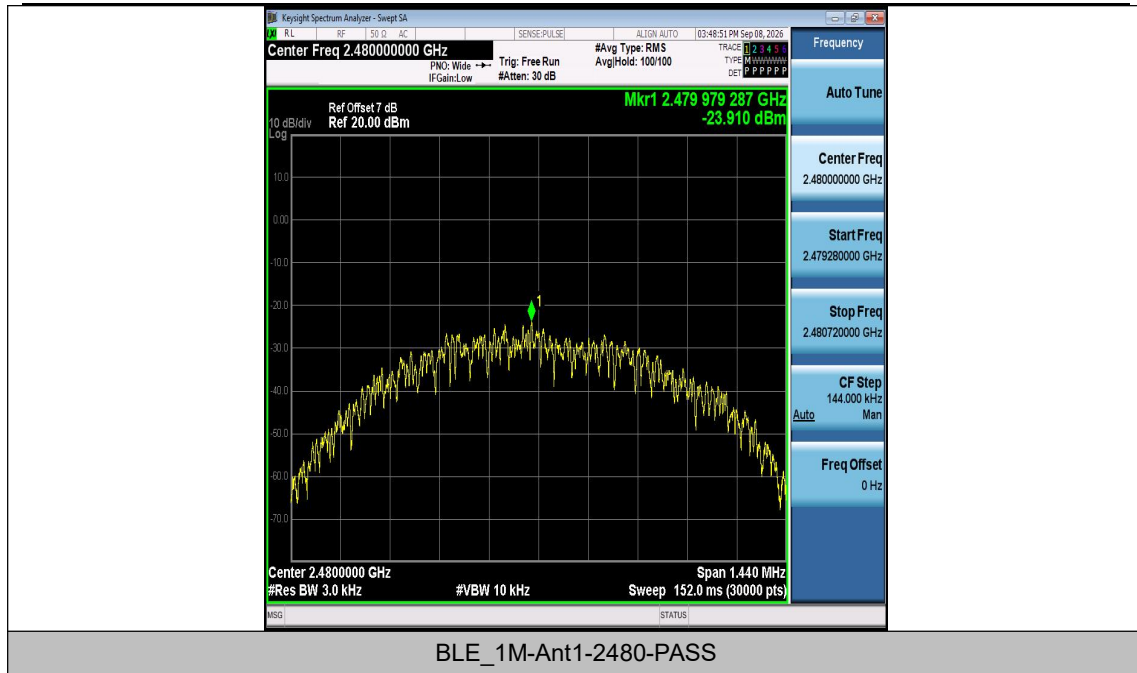
Test Graphs



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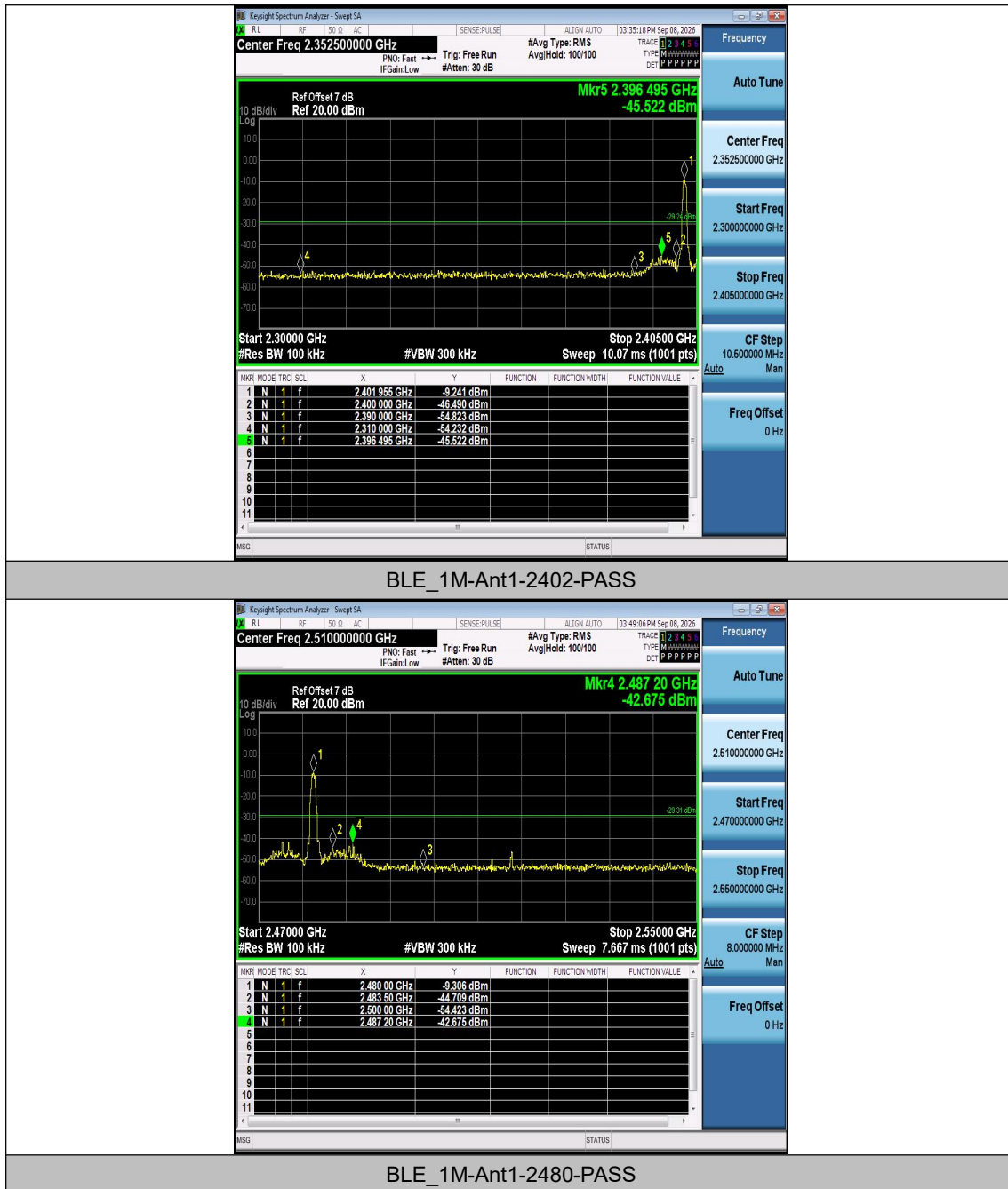
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-9.24	-45.52	≤-29.24	PASS
BLE_1M	Ant1	High	2480	-9.31	-42.68	≤-29.31	PASS

Test Graphs



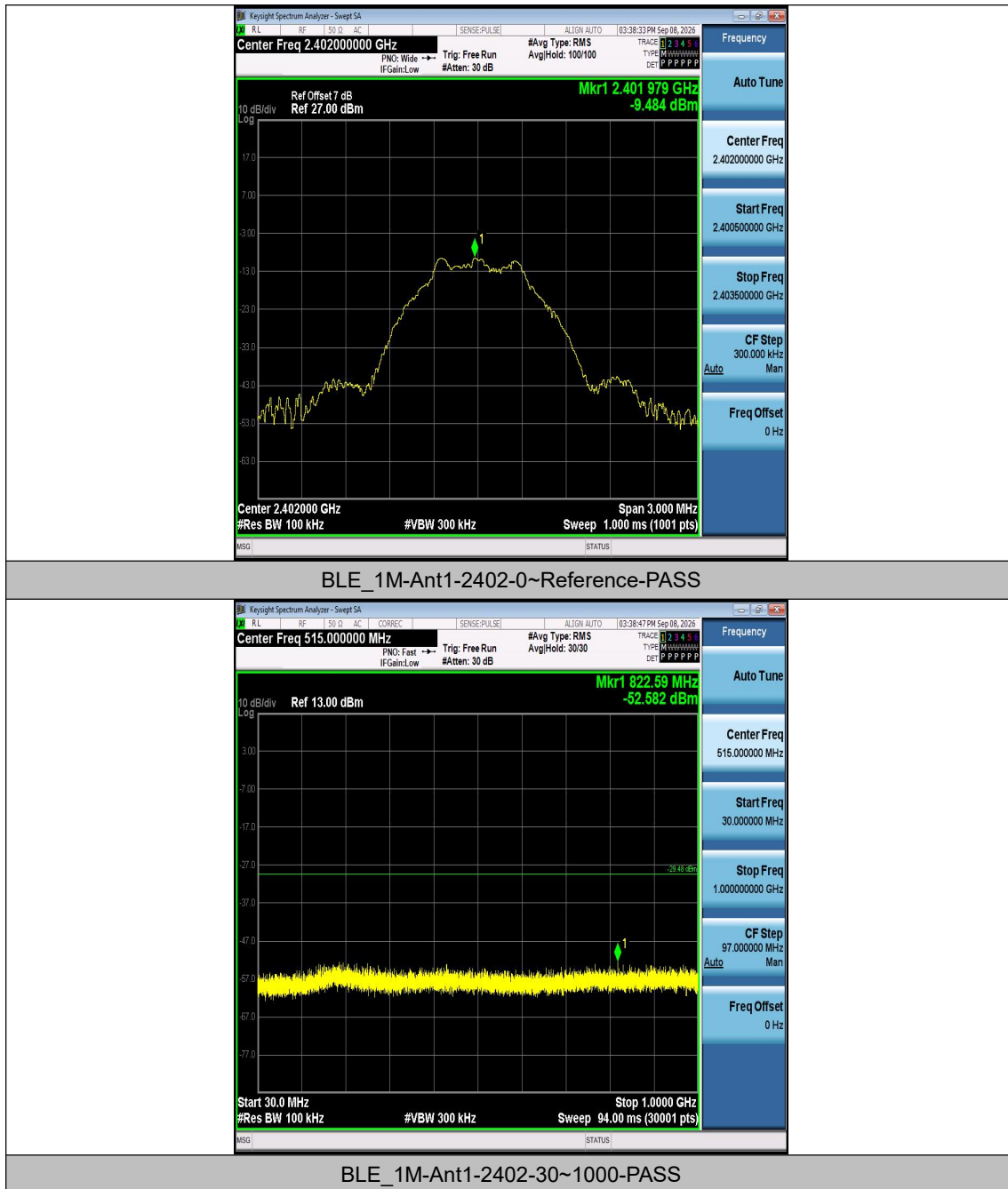
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-9.48	-9.48	---	PASS
BLE_1M	Ant1	2402	30~1000	-9.48	-52.58	≤-29.48	PASS
BLE_1M	Ant1	2402	1000~26500	-9.48	-37.45	≤-29.48	PASS
BLE_1M	Ant1	2440	0~Reference	-9.60	-9.60	---	PASS
BLE_1M	Ant1	2440	30~1000	-9.60	-51.64	≤-29.6	PASS
BLE_1M	Ant1	2440	1000~26500	-9.60	-37.67	≤-29.6	PASS
BLE_1M	Ant1	2480	0~Reference	-9.72	-9.72	---	PASS
BLE_1M	Ant1	2480	30~1000	-9.72	-51.81	≤-29.72	PASS
BLE_1M	Ant1	2480	1000~26500	-9.72	-37.02	≤-29.72	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.

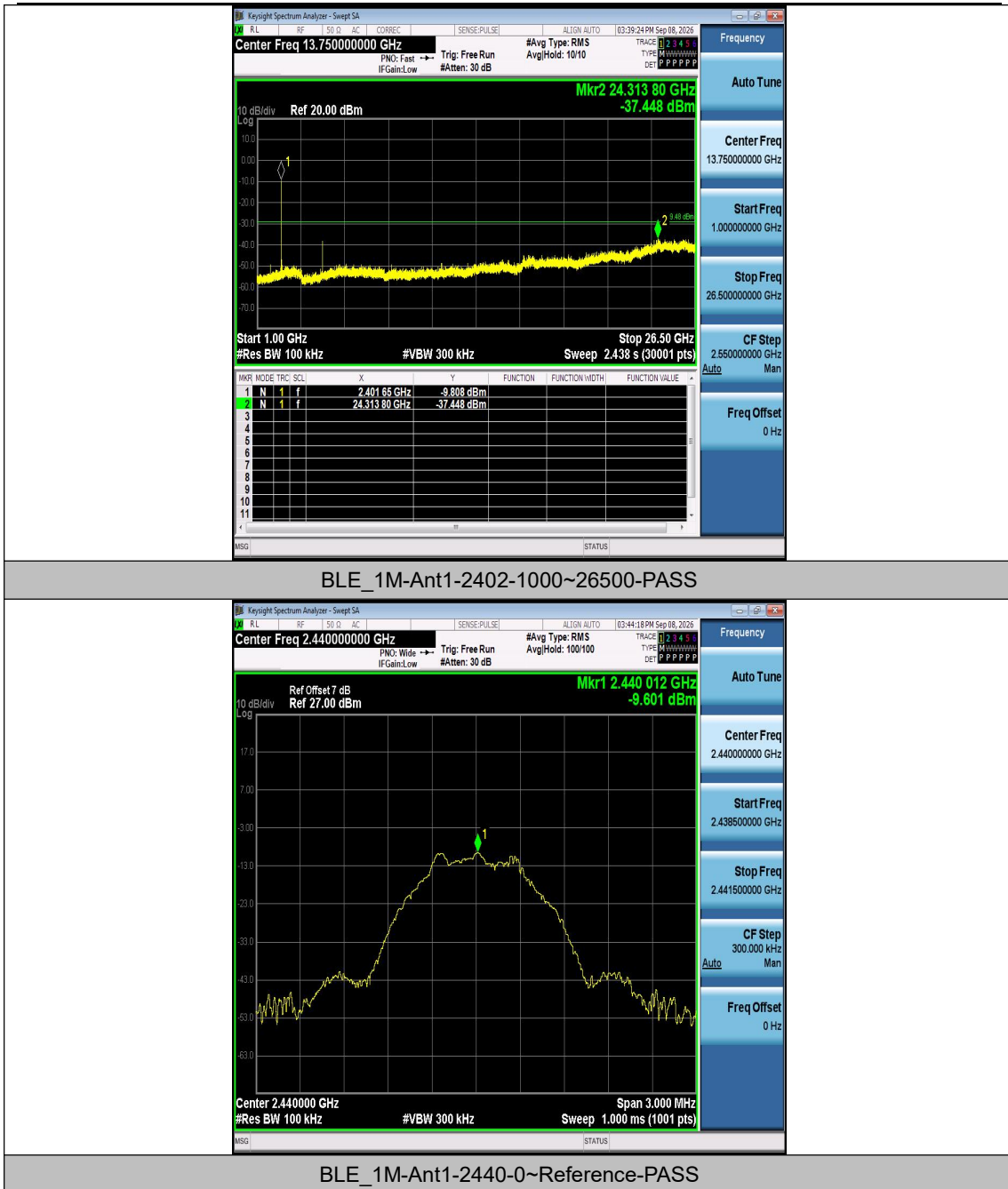
Test Graphs



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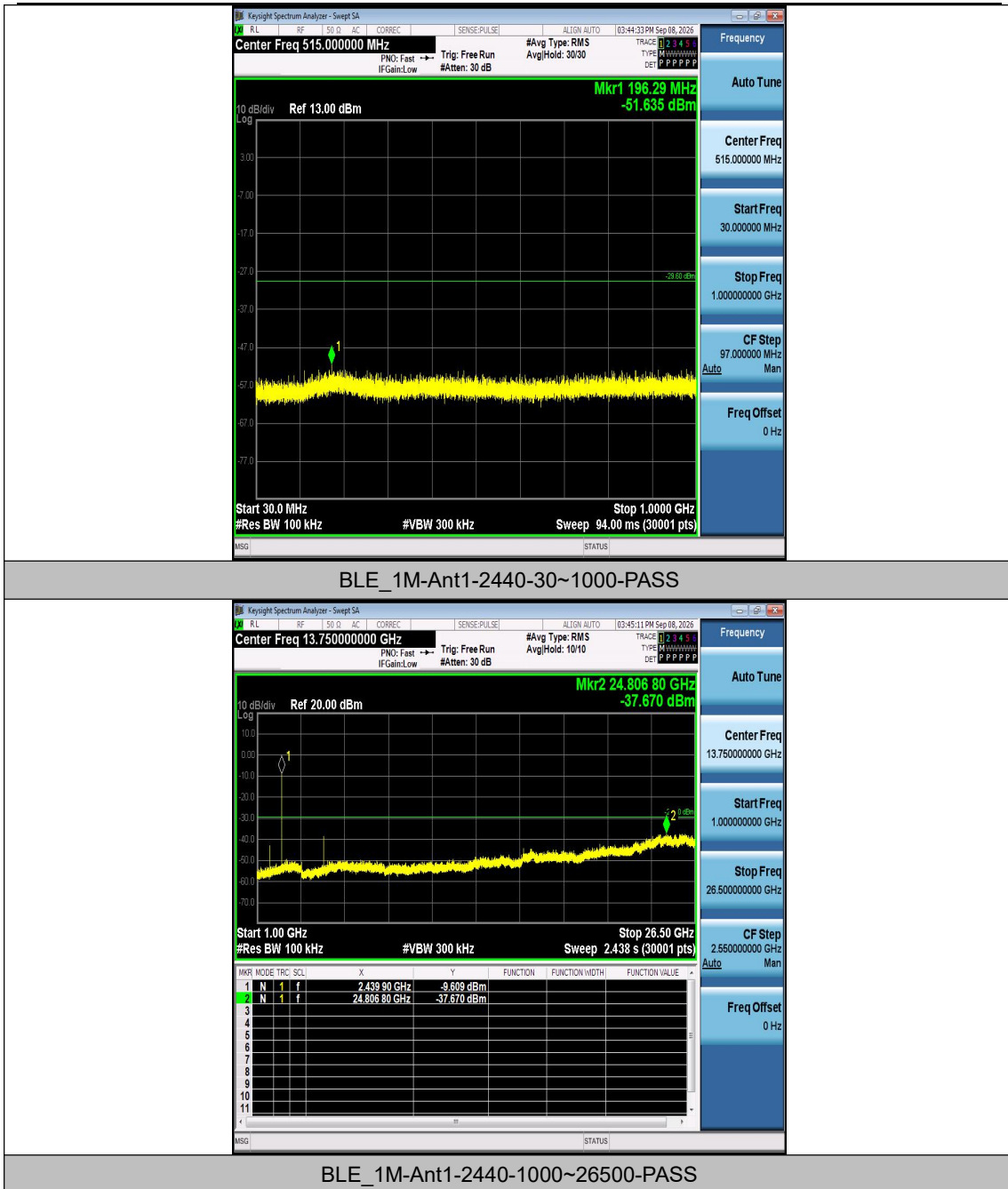
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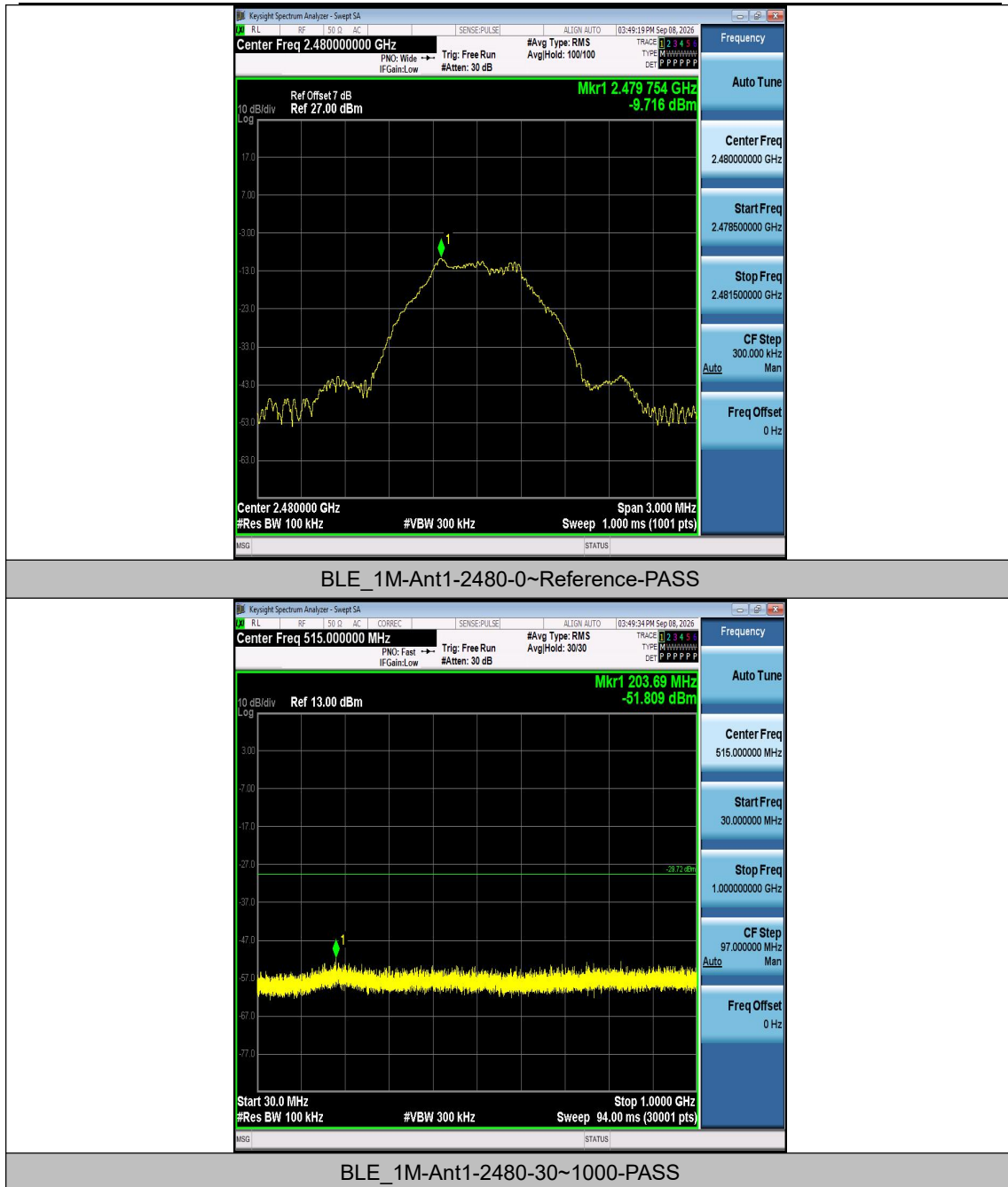
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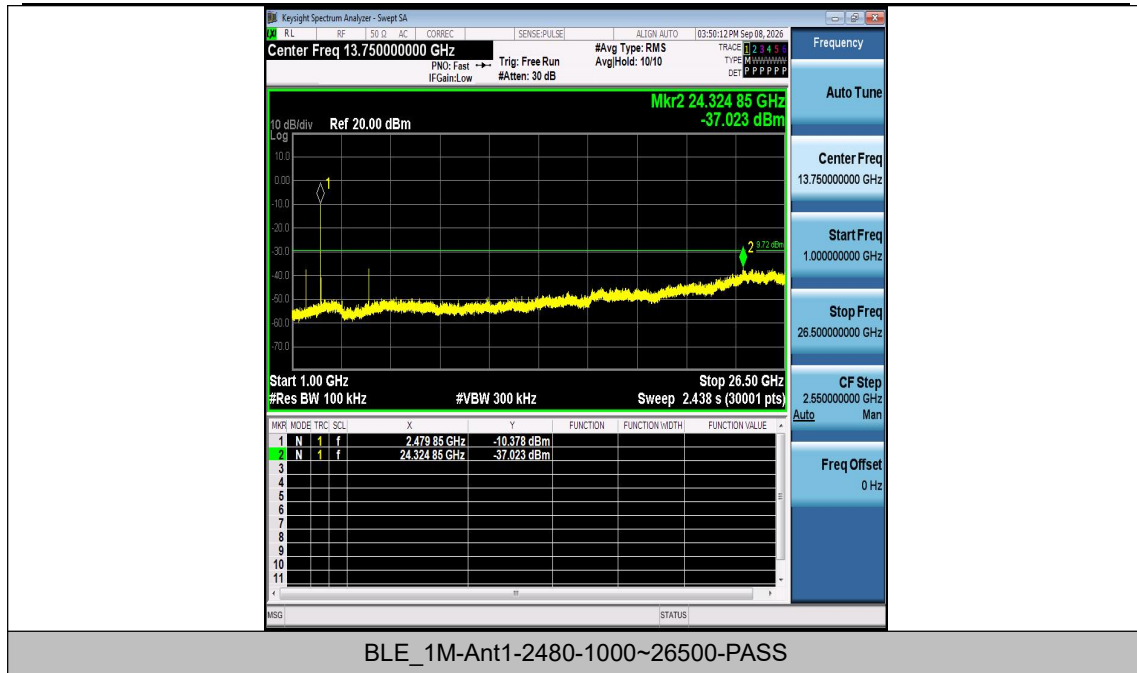
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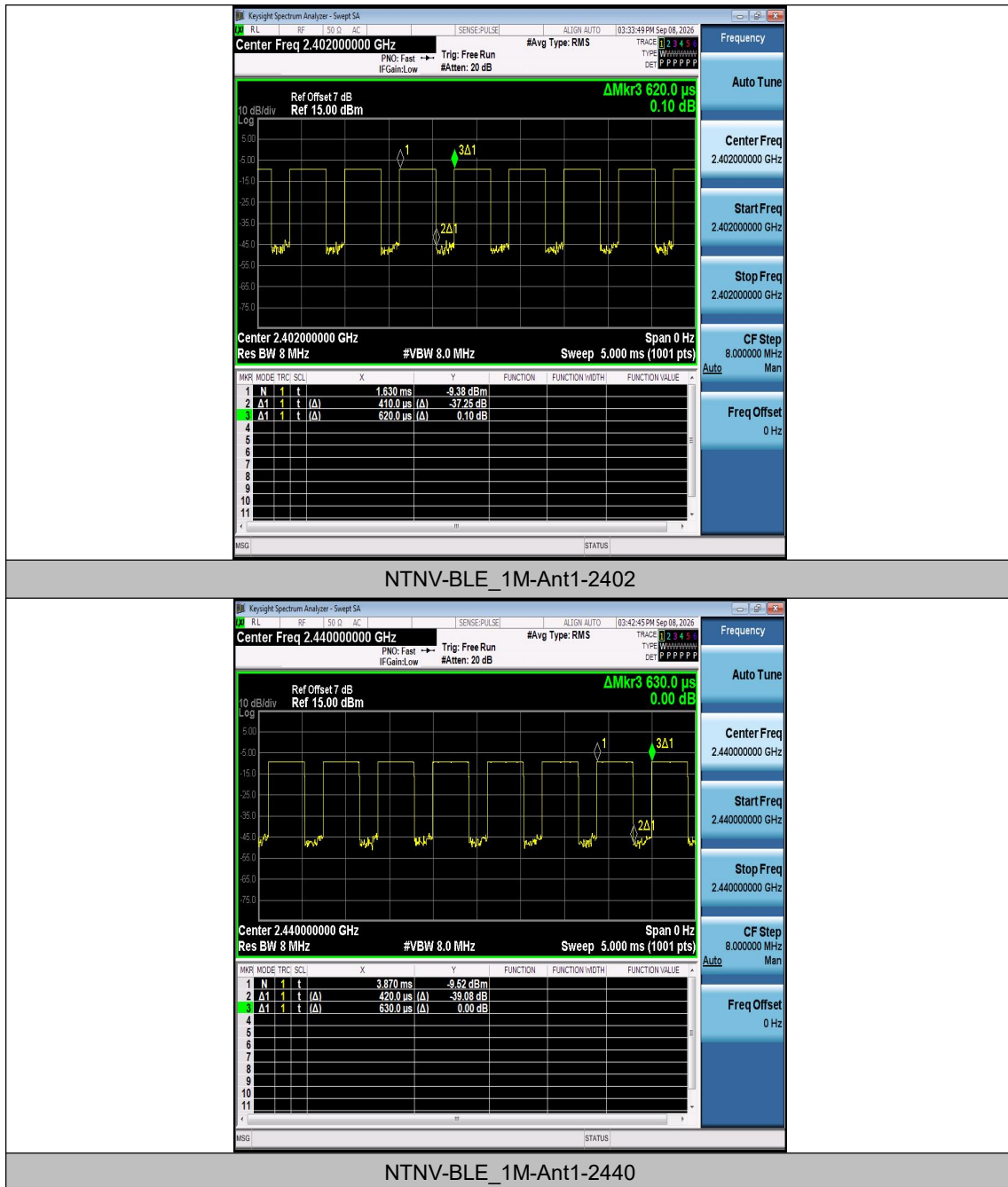
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Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	0.41	0.62	66.13	1.80
BLE_1M	Ant1	2440	0.42	0.63	66.67	1.76
BLE_1M	Ant1	2480	0.42	0.63	66.67	1.76

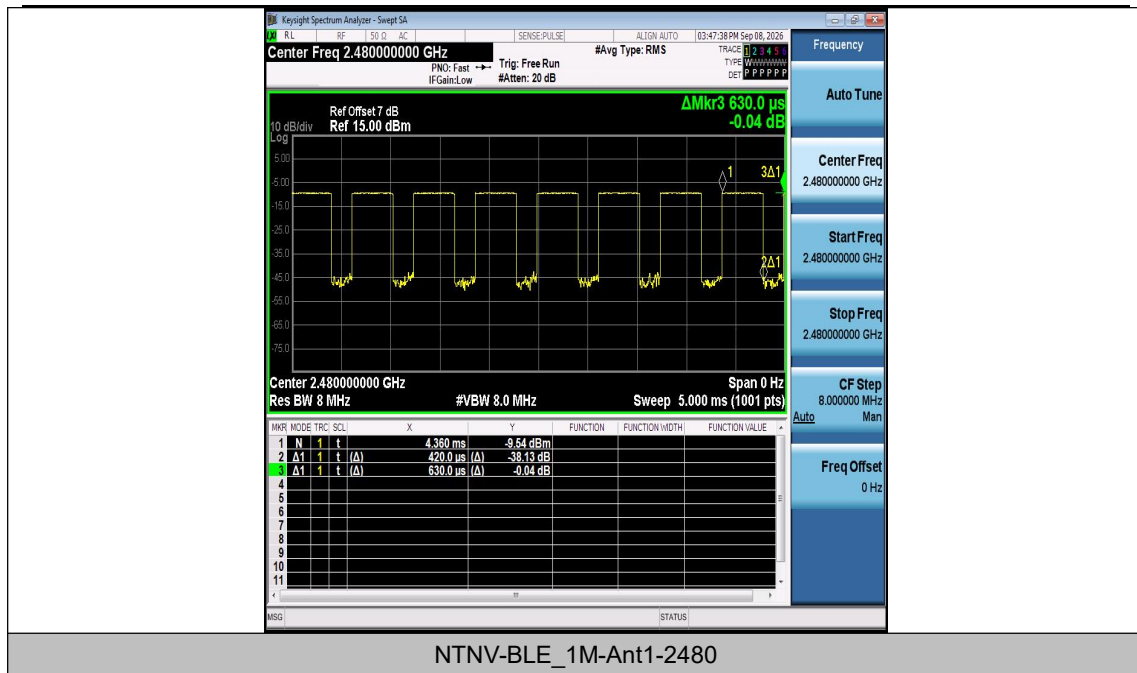
Test Graphs



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