

Appendix Test Data

Report No.:	1812C60009612501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-1-6	Finish Test Date:	2026-1-7
Test Engineer:	<i>Alex Peng</i>	Auditor:	<i>Justin Feng</i>
Temperature:	21.8°C	Relative Humidity:	37%
Pressure:	101kPa		

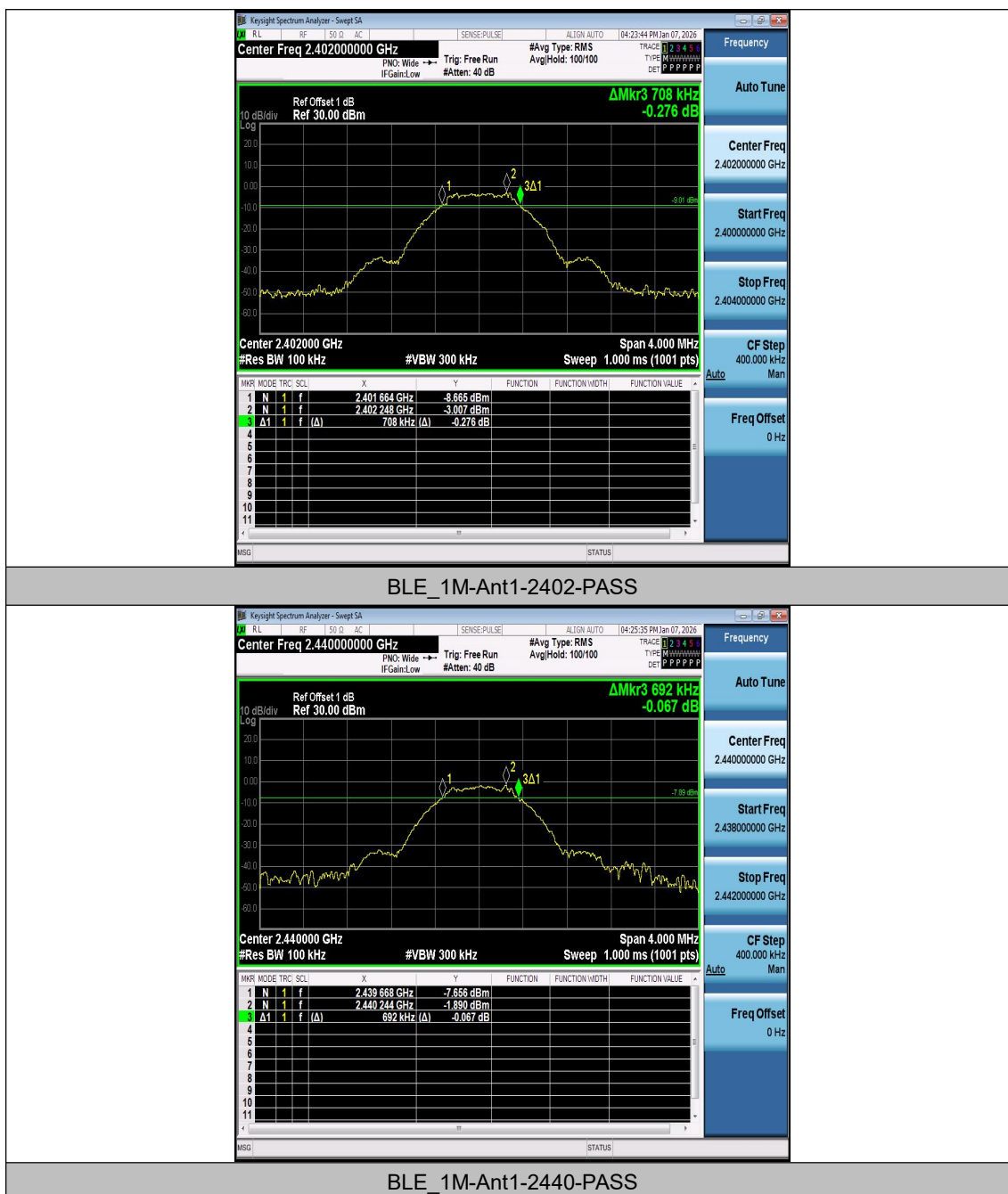


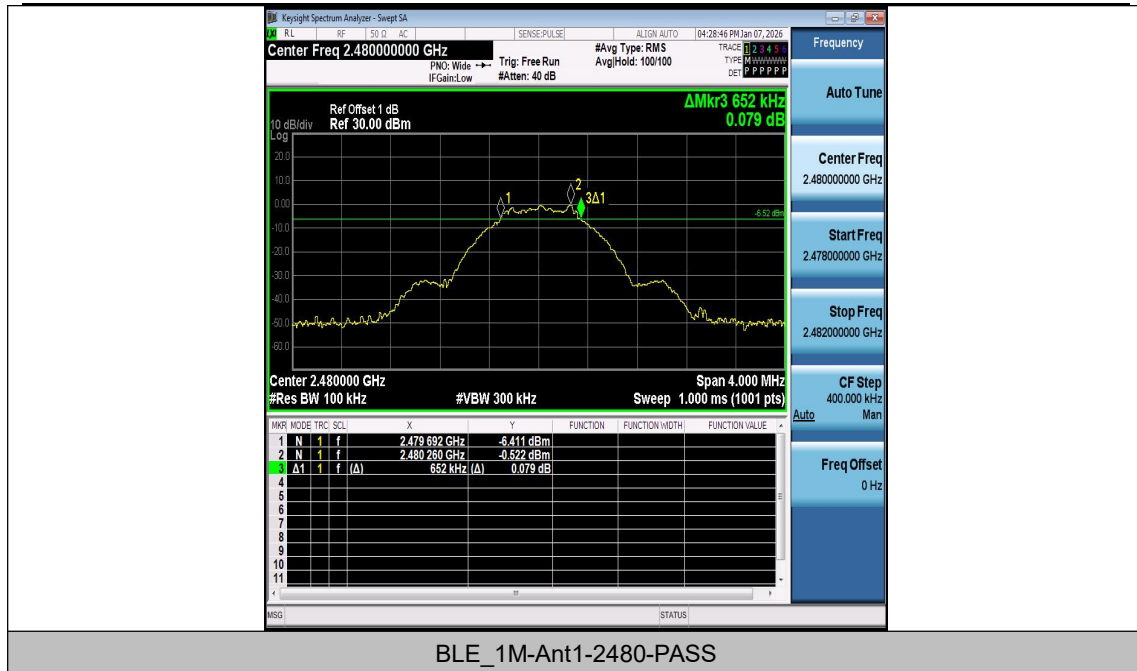
Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.708	2401.664	2402.372	0.5	PASS
BLE_1M	Ant1	2440	0.692	2439.668	2440.360	0.5	PASS
BLE_1M	Ant1	2480	0.652	2479.692	2480.344	0.5	PASS

Test Graphs





BLE_1M-Ant1-2480-PASS

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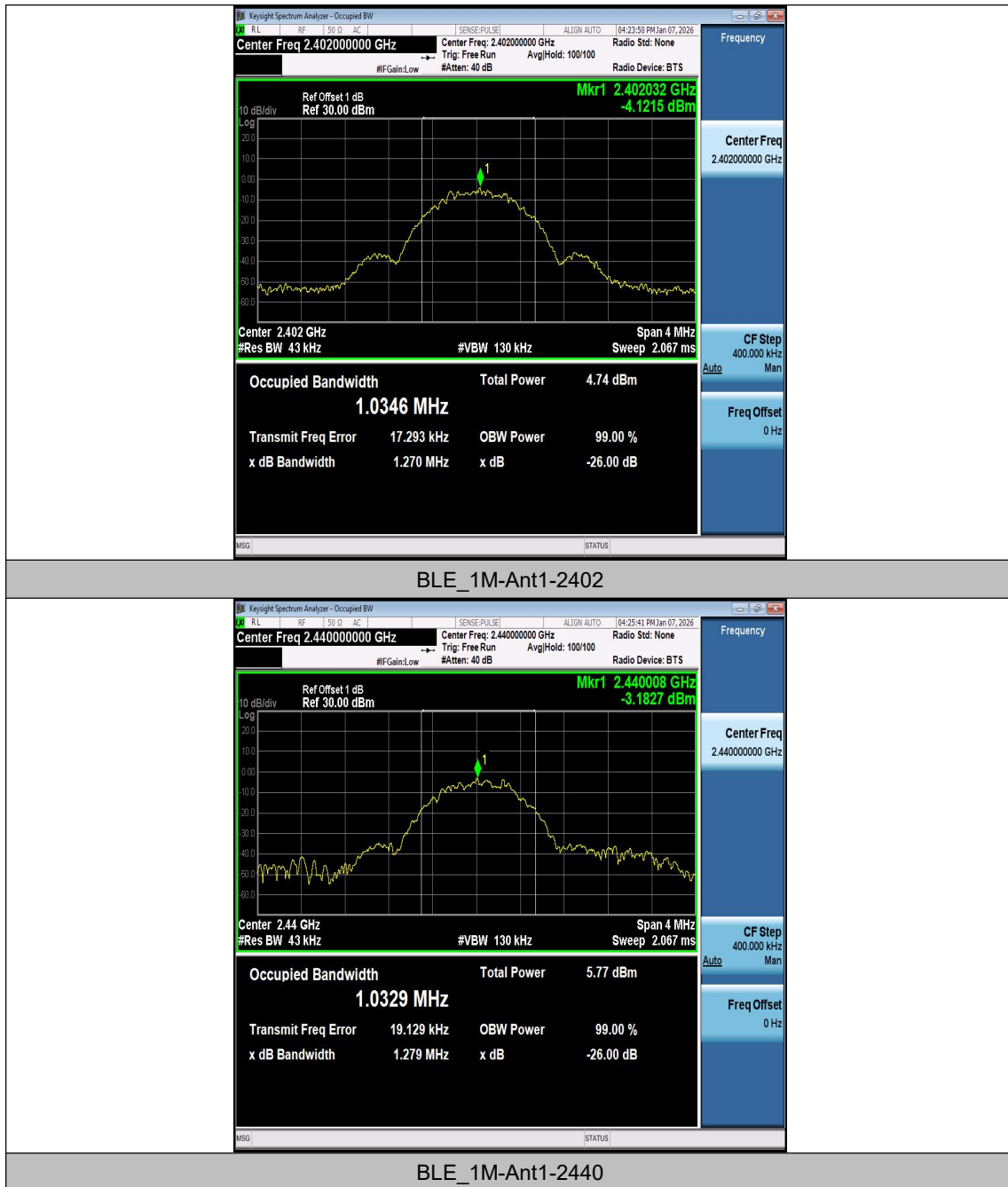
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Appendix B: 99% Occupied Bandwidth**Test Result**

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0346	2401.5000	2402.5346	---	---
BLE_1M	Ant1	2440	1.0329	2439.5027	2440.5356	---	---
BLE_1M	Ant1	2480	1.0232	2479.5043	2480.5275	---	---

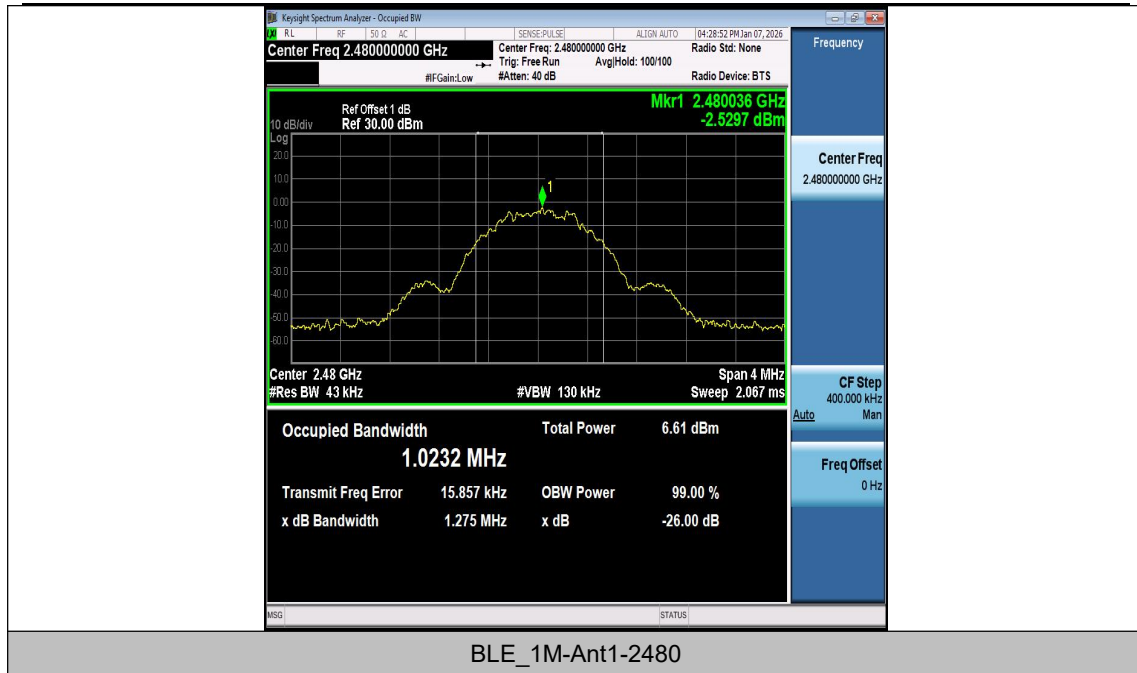
Test Graphs



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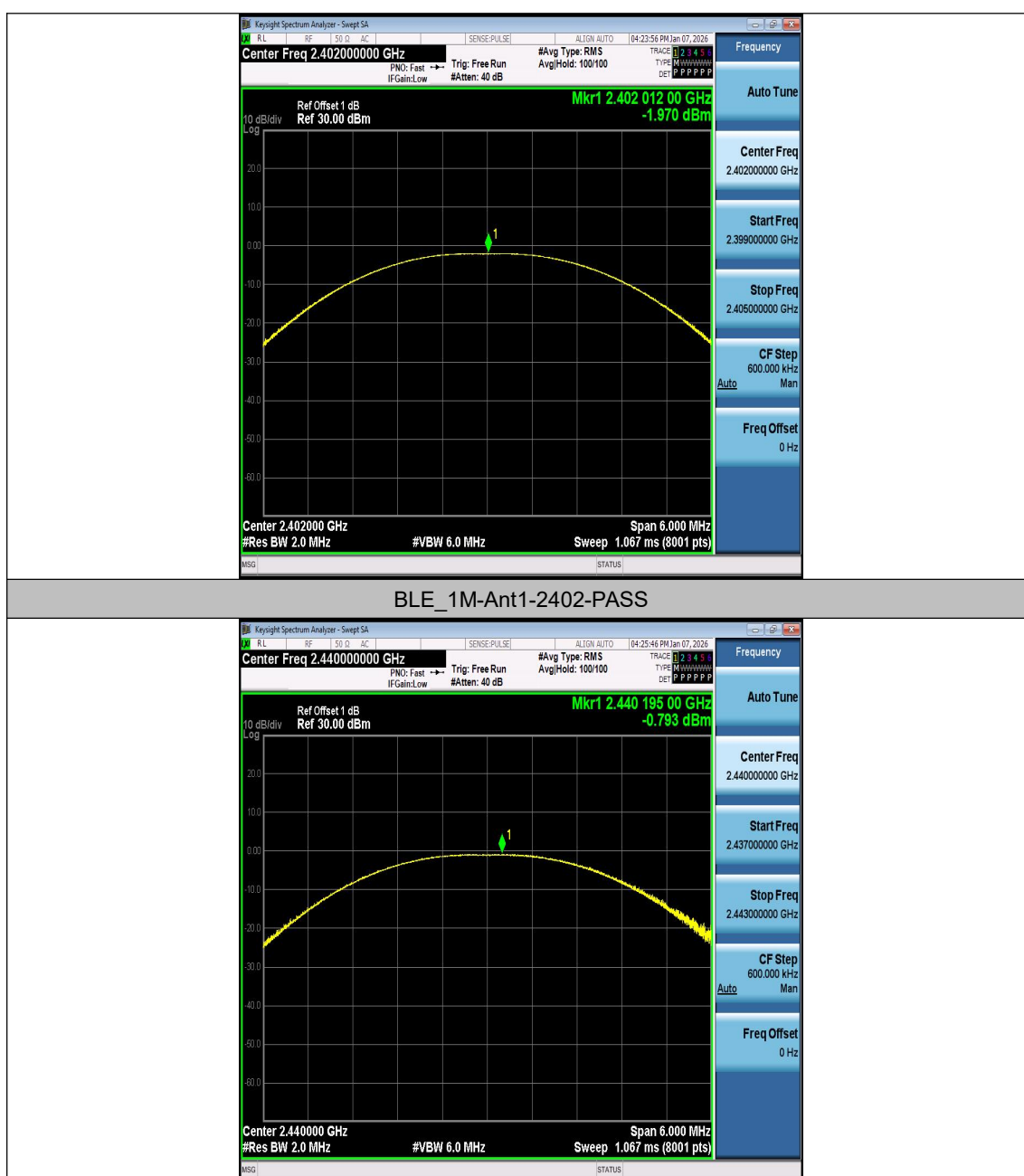
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Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-1.97	≤30	PASS
BLE_1M	Ant1	2440	-0.79	≤30	PASS
BLE_1M	Ant1	2480	-0.32	≤30	PASS

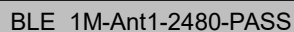
Test Graphs Peak



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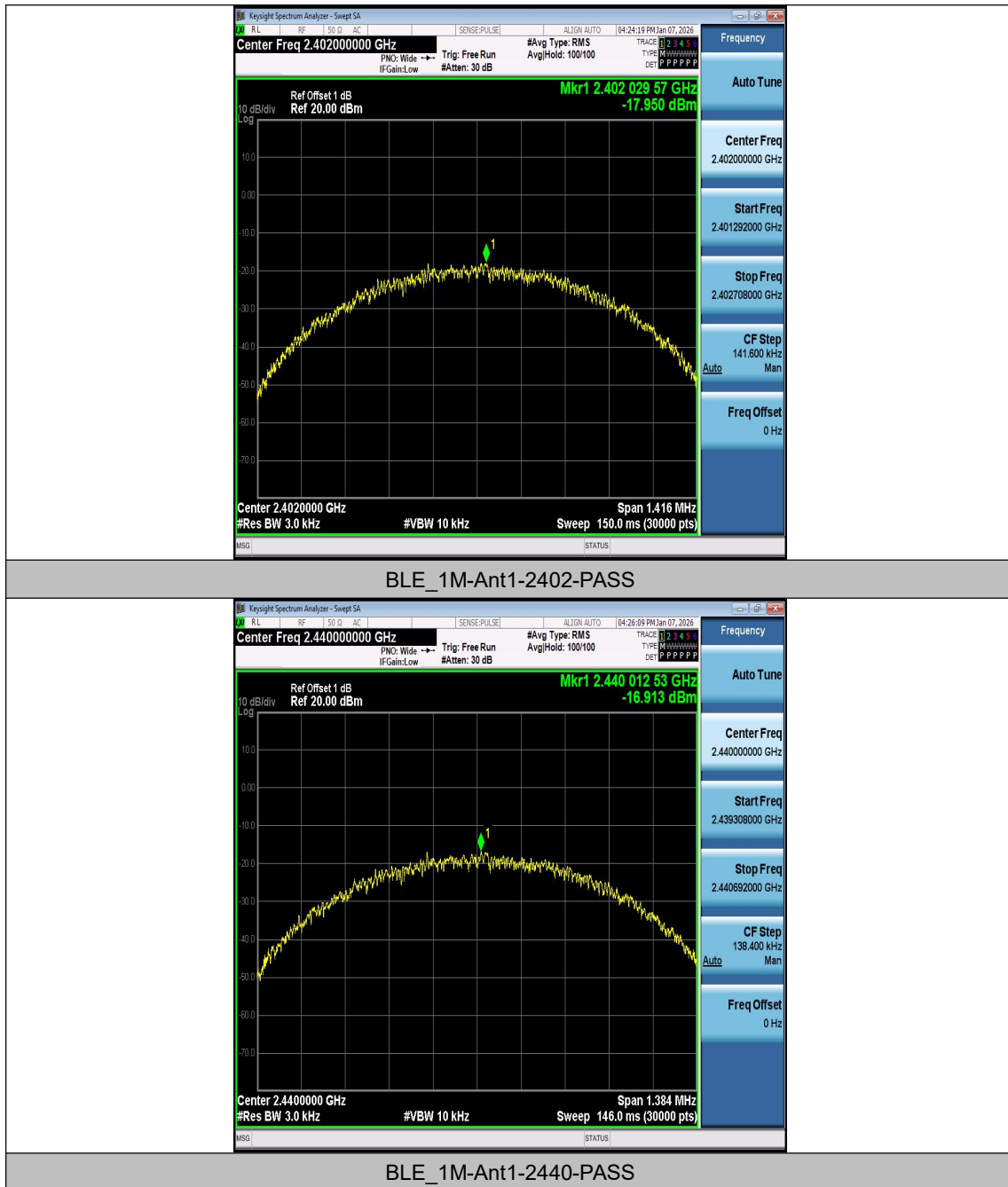
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-17.95	≤8.00	PASS
BLE_1M	Ant1	2440	-16.91	≤8.00	PASS
BLE_1M	Ant1	2480	-16.17	≤8.00	PASS

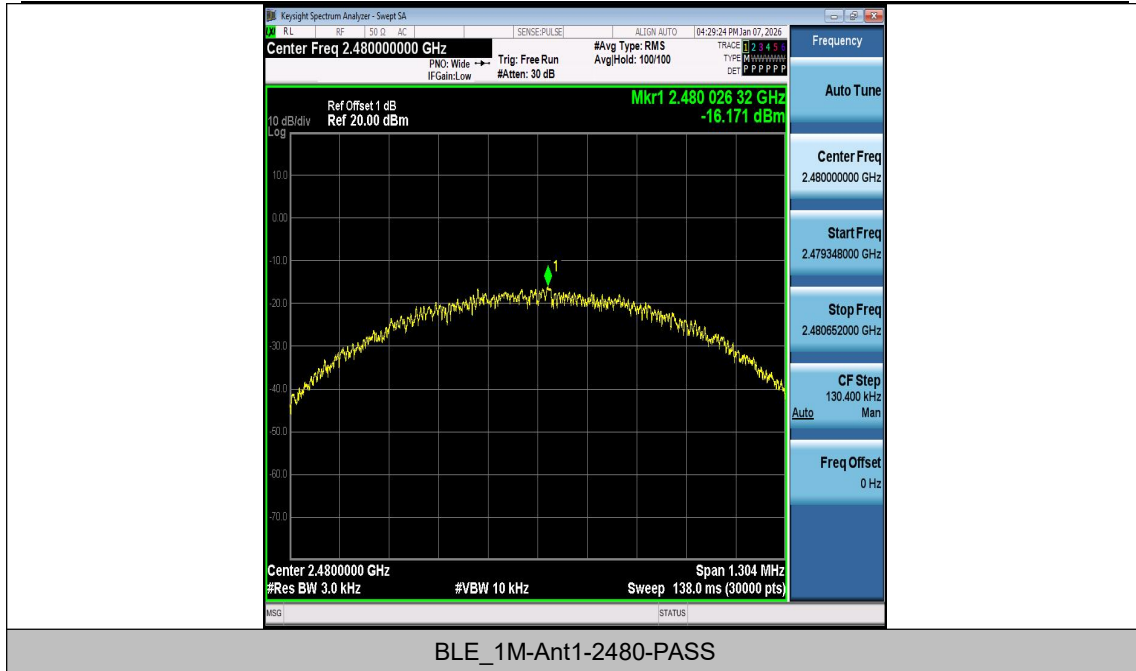
Test Graphs



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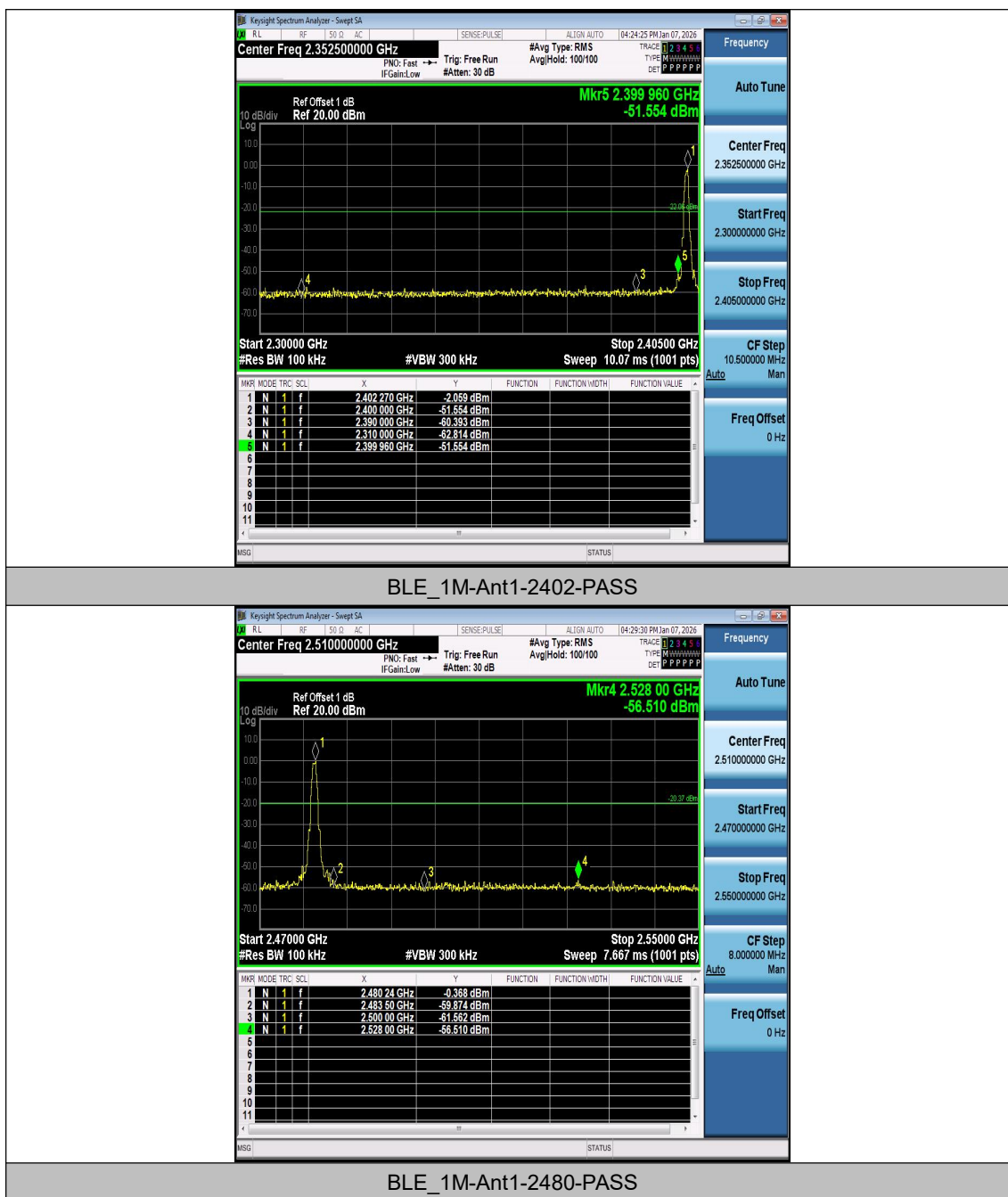
Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-2.06	-51.55	≤-22.06	PASS
BLE_1M	Ant1	High	2480	-0.37	-56.51	≤-20.37	PASS

Remark:Regarding the spurious emissions from 30MHz to 26.5GHz, the cable loss have been set in the 'offset' of the Spectrum Analyzer during the test.

Test Graphs



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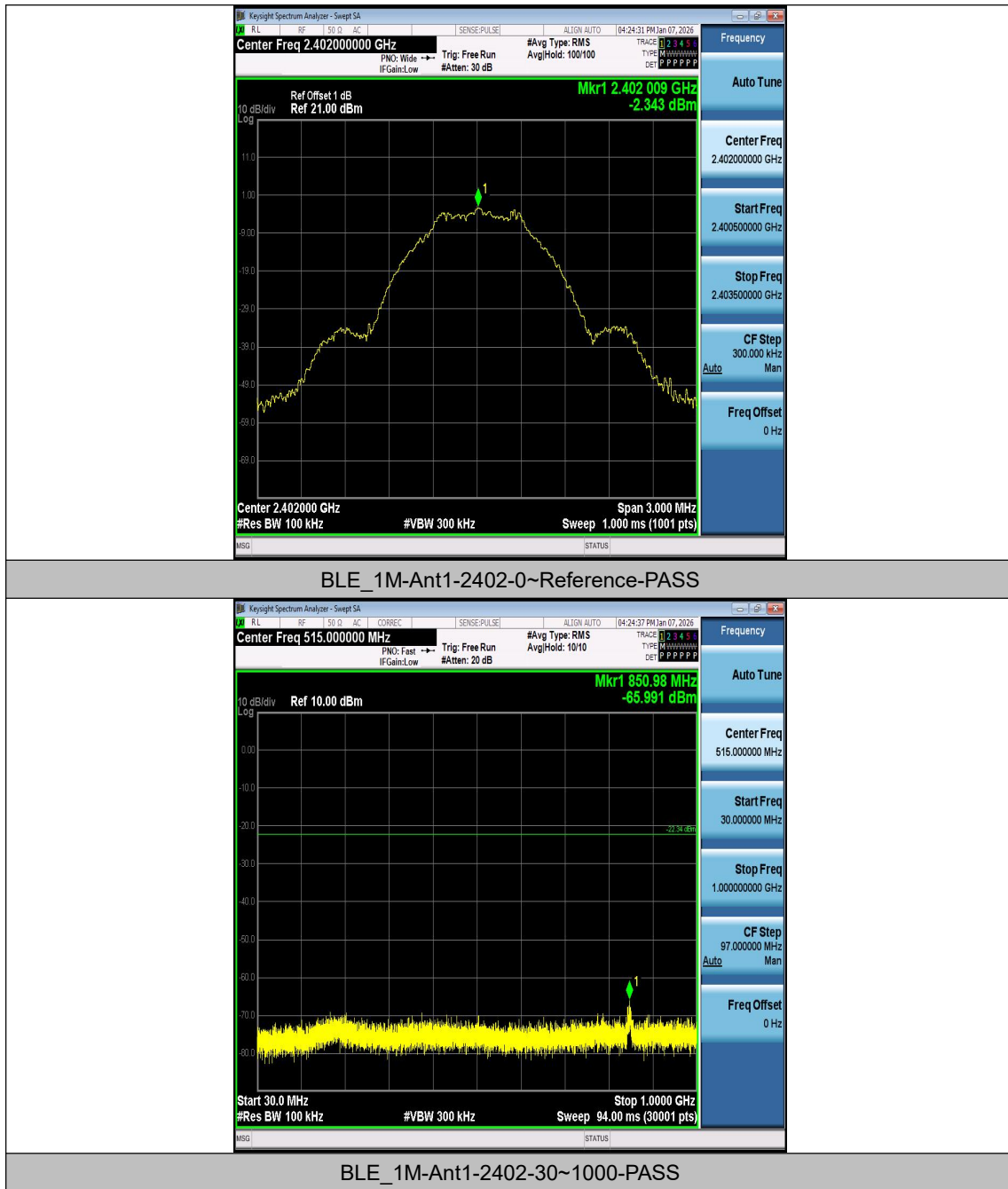
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-2.34	-2.34	---	PASS
BLE_1M	Ant1	2402	30~1000	-2.34	-65.99	≤-22.34	PASS
BLE_1M	Ant1	2402	1000~26500	-2.34	-32.66	≤-22.34	PASS
BLE_1M	Ant1	2440	0~Reference	-1.49	-1.49	---	PASS
BLE_1M	Ant1	2440	30~1000	-1.49	-68.48	≤-21.49	PASS
BLE_1M	Ant1	2440	1000~26500	-1.49	-32.63	≤-21.49	PASS
BLE_1M	Ant1	2480	0~Reference	-0.43	-0.43	---	PASS
BLE_1M	Ant1	2480	30~1000	-0.43	-68.76	≤-20.43	PASS
BLE_1M	Ant1	2480	1000~26500	-0.43	-32.51	≤-20.43	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.

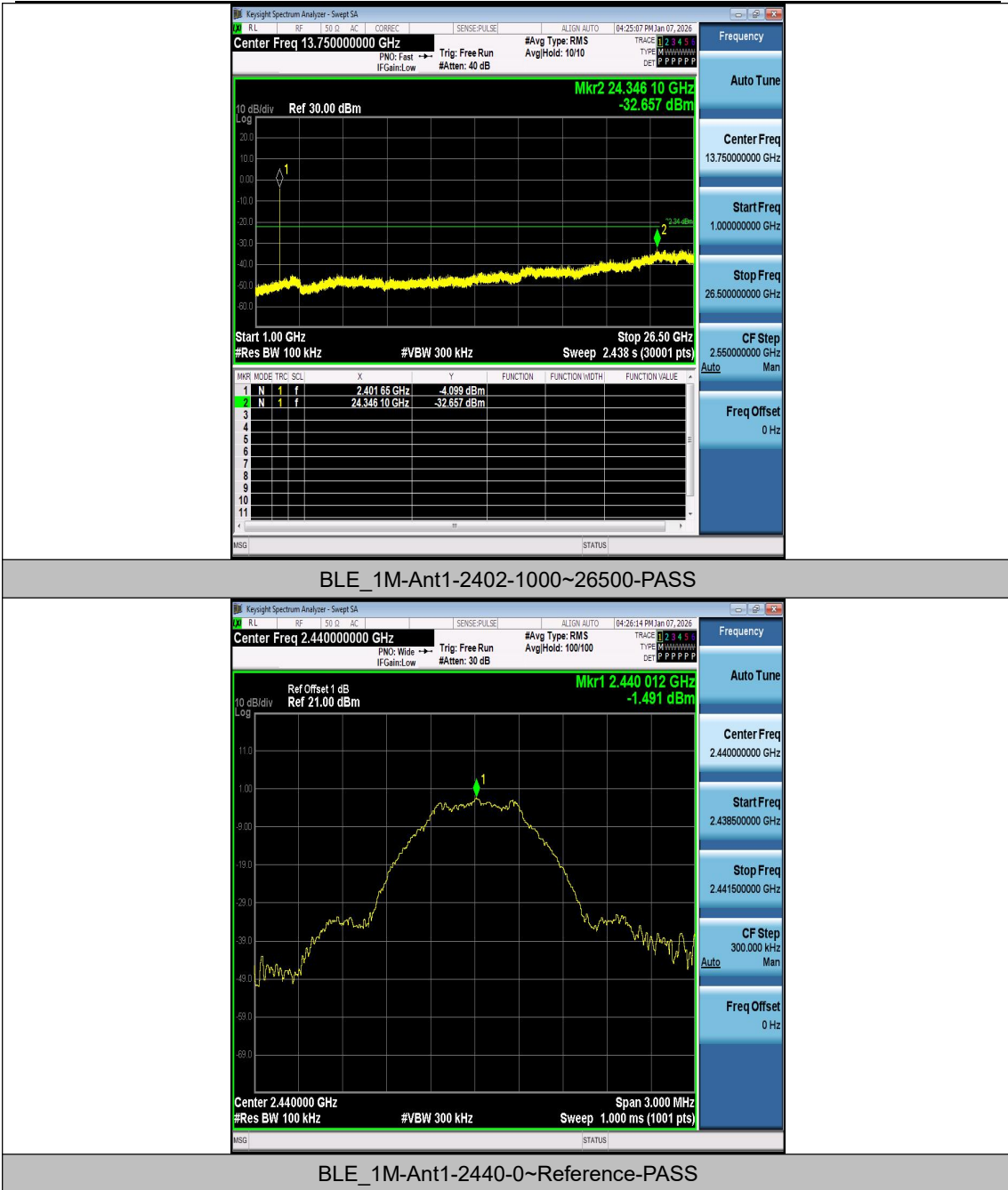
Test Graphs

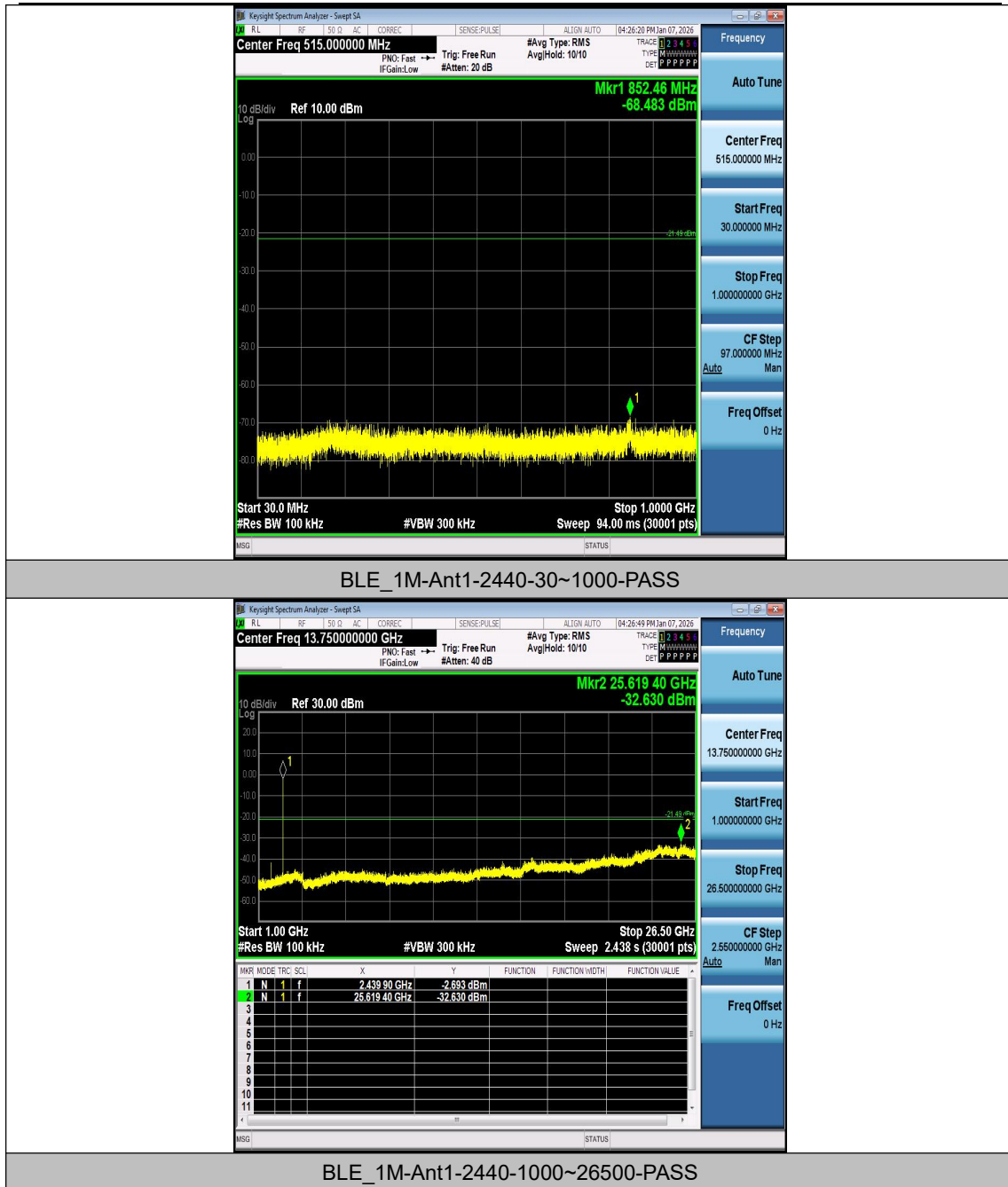


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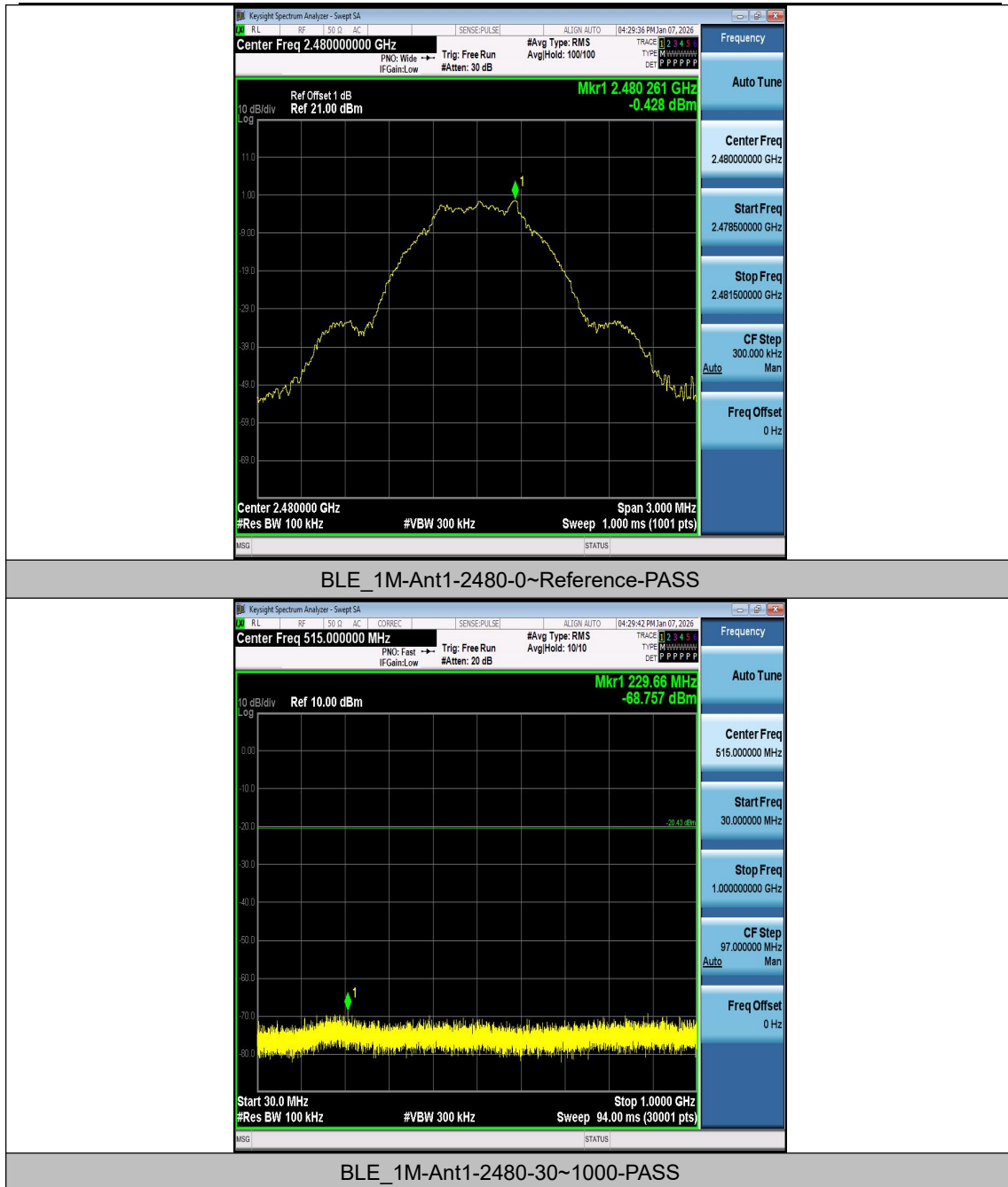




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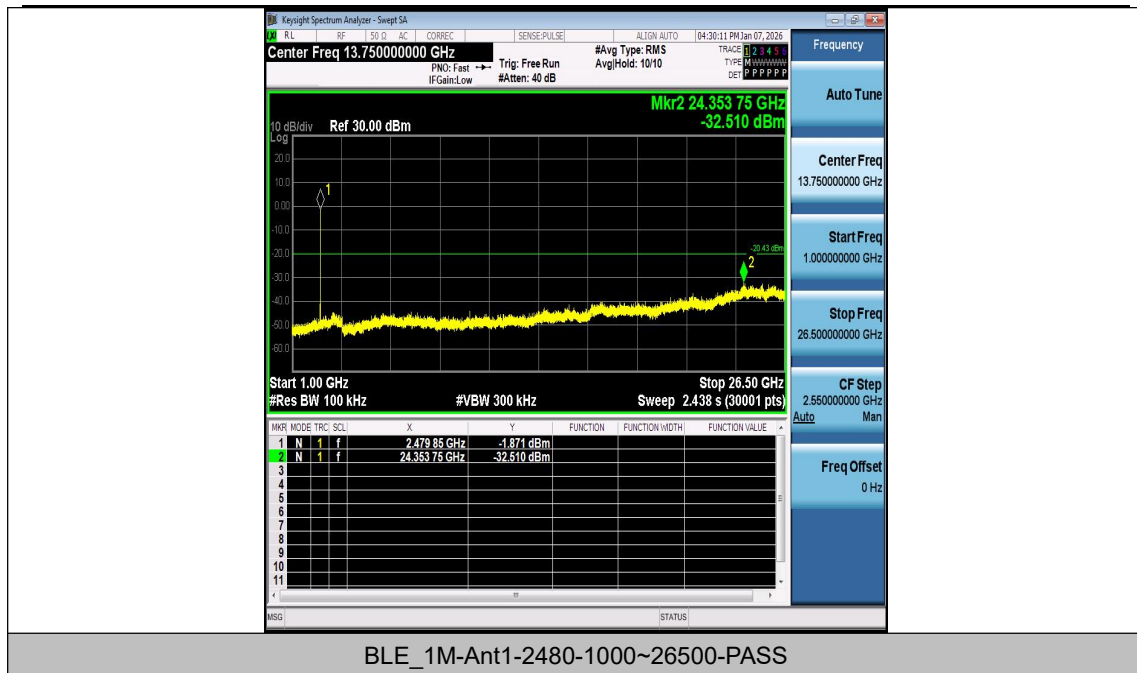
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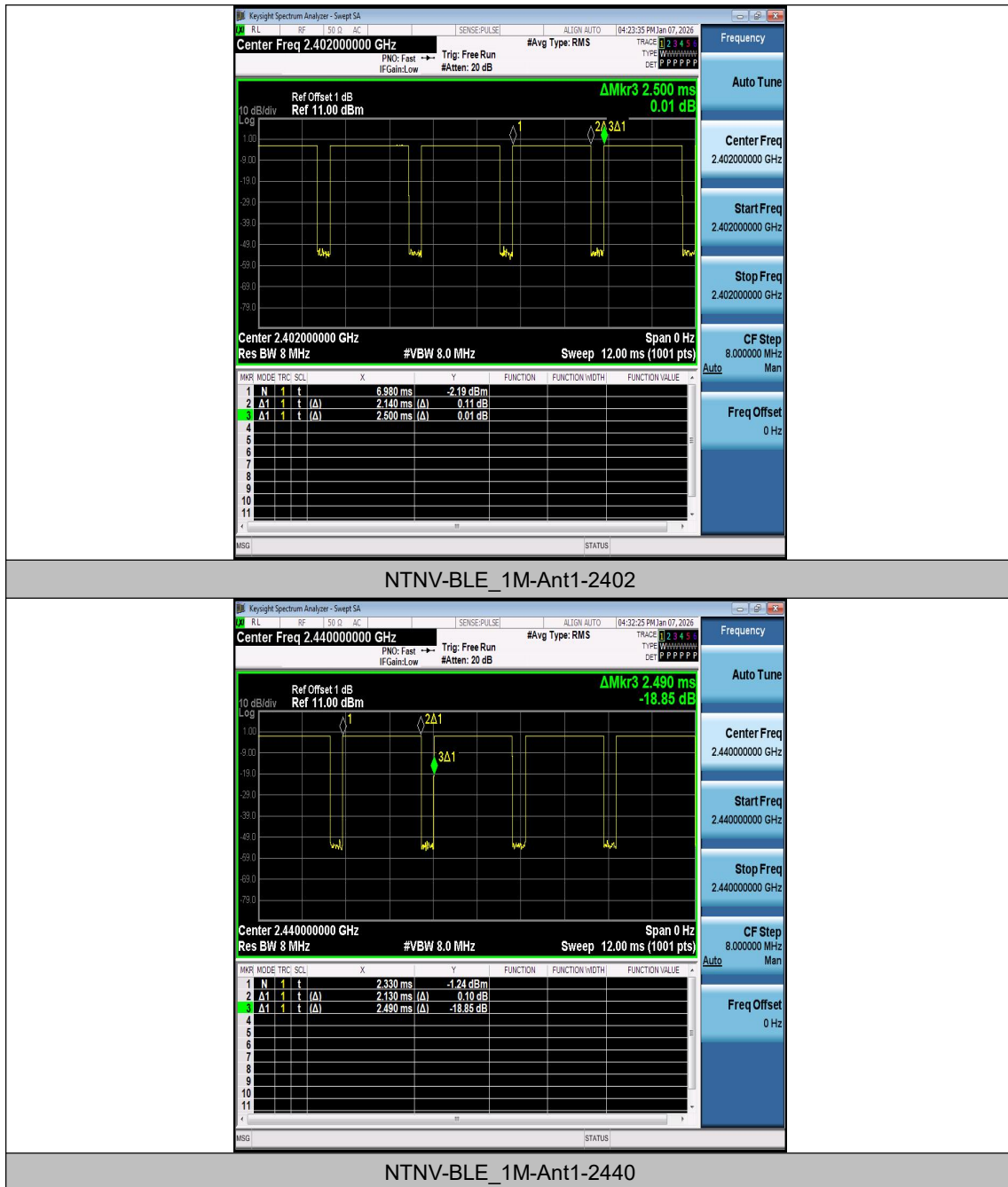
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Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	2.14	2.50	85.60	0.68
BLE_1M	Ant1	2440	2.13	2.49	85.54	0.68
BLE_1M	Ant1	2480	2.13	2.51	84.86	0.71

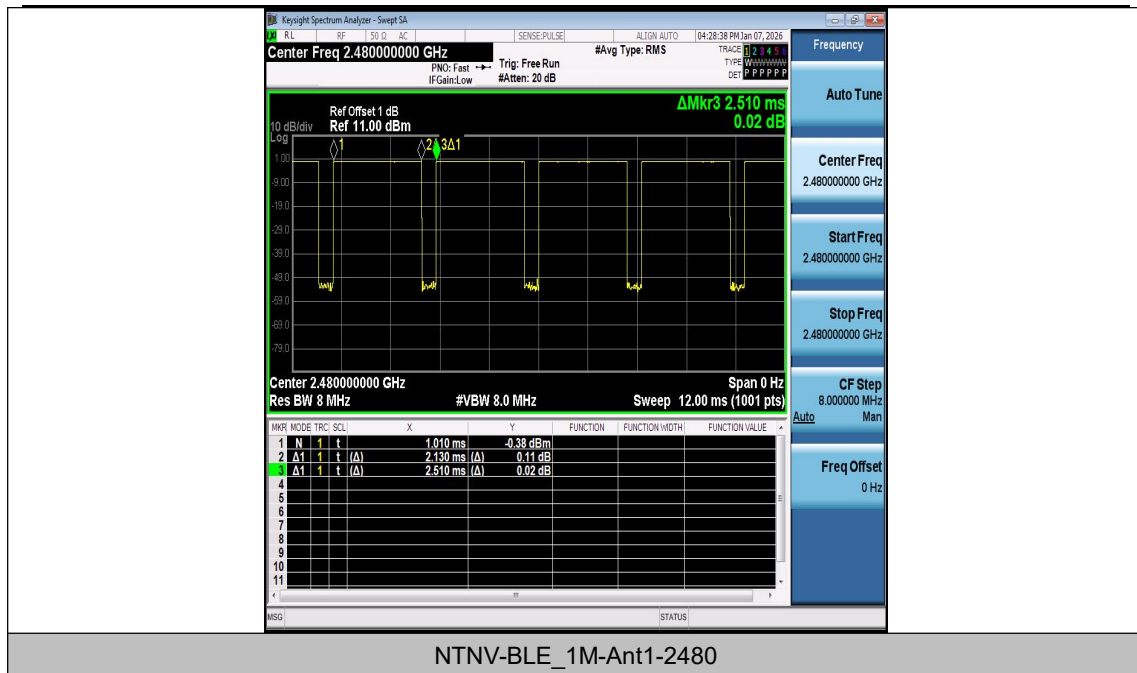
Test Graphs



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NTNV-BLE_1M-Ant1-2480

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