

Appendix Test Data

Report No.:	1812C60409312501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-8-6	Finish Test Date:	2026-8-11
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	26.2°C	Relative Humidity:	47%
Pressure:	99.2kPa		



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	0.660	2401.656	2402.316	0.5	PASS
BLE_1M	Ant1	2440	0.644	2439.672	2440.316	0.5	PASS
BLE_1M	Ant1	2480	0.656	2479.656	2480.312	0.5	PASS

Test Graphs



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BLE_1M-Ant1-2480-PASS

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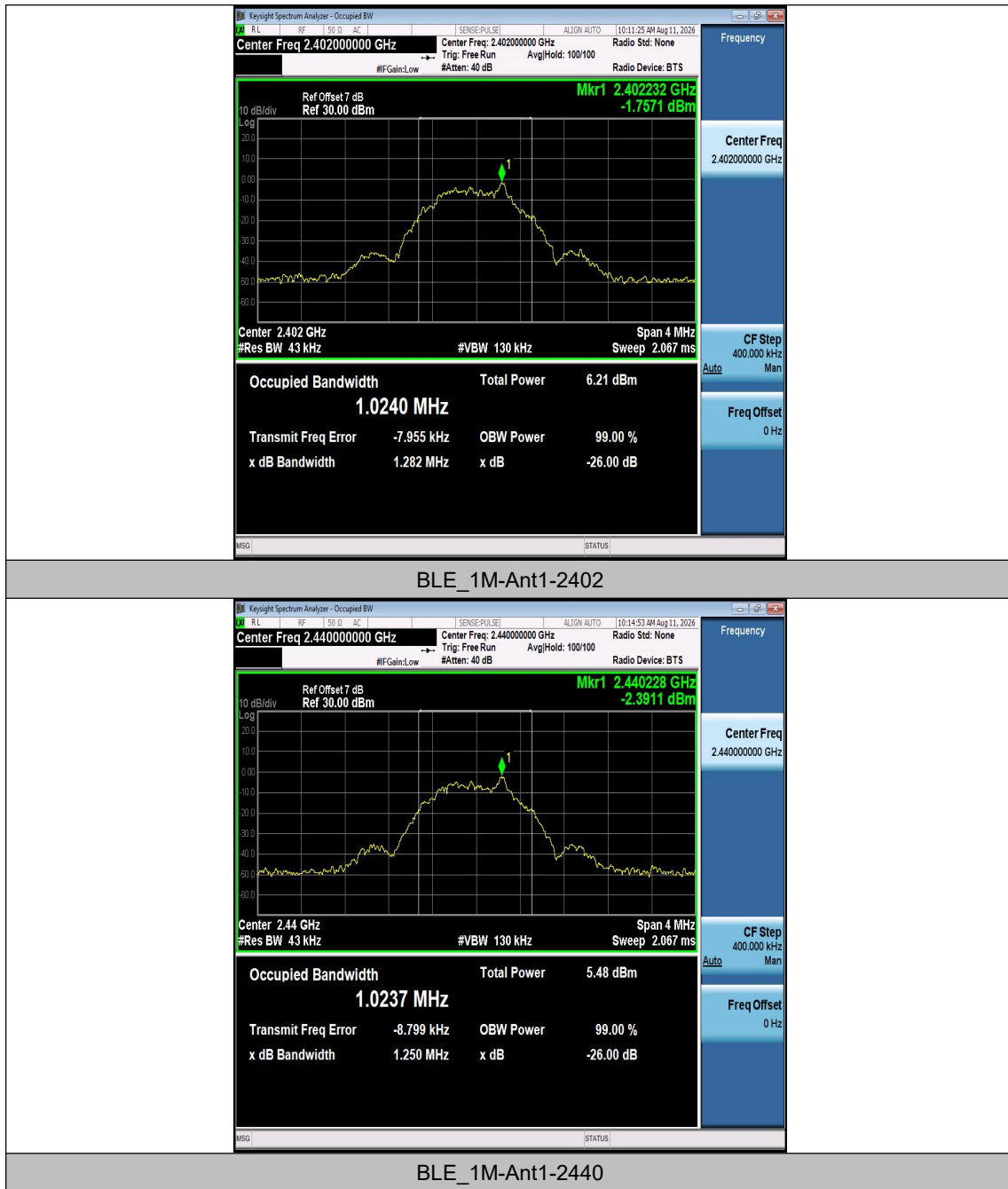
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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0240	2401.4801	2402.5041	---	---
BLE_1M	Ant1	2440	1.0237	2439.4794	2440.5031	---	---
BLE_1M	Ant1	2480	1.0261	2479.4813	2480.5074	---	---

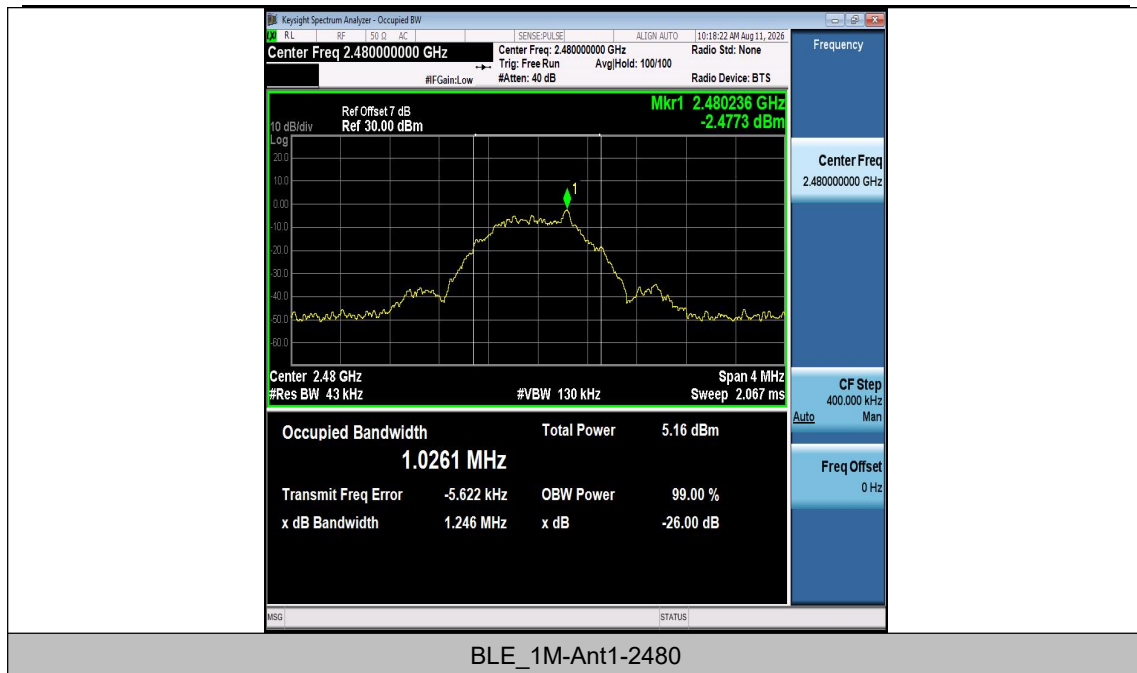
Test Graphs



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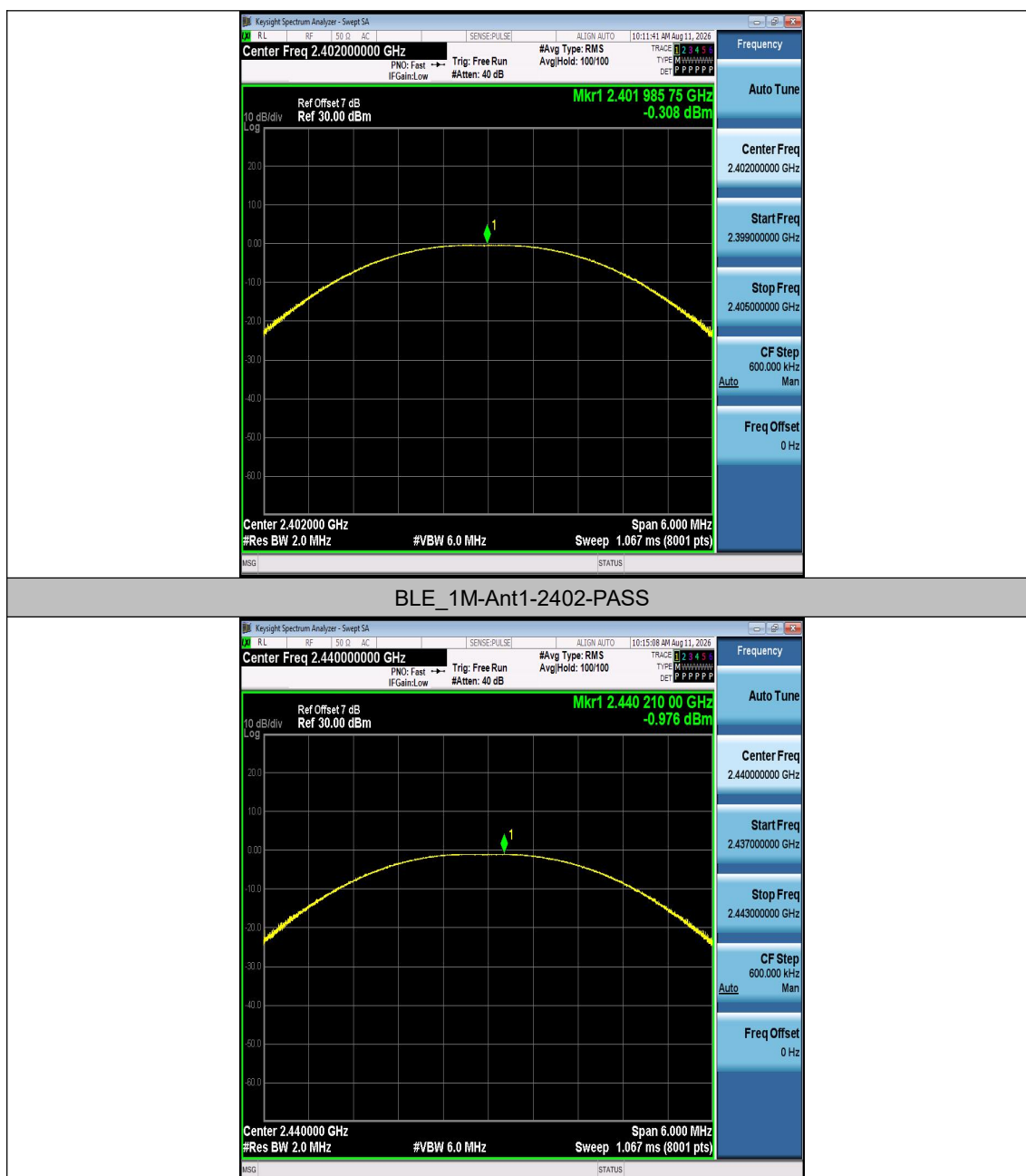
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Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-0.31	≤30	PASS
BLE_1M	Ant1	2440	-0.98	≤30	PASS
BLE_1M	Ant1	2480	-1.42	≤30	PASS

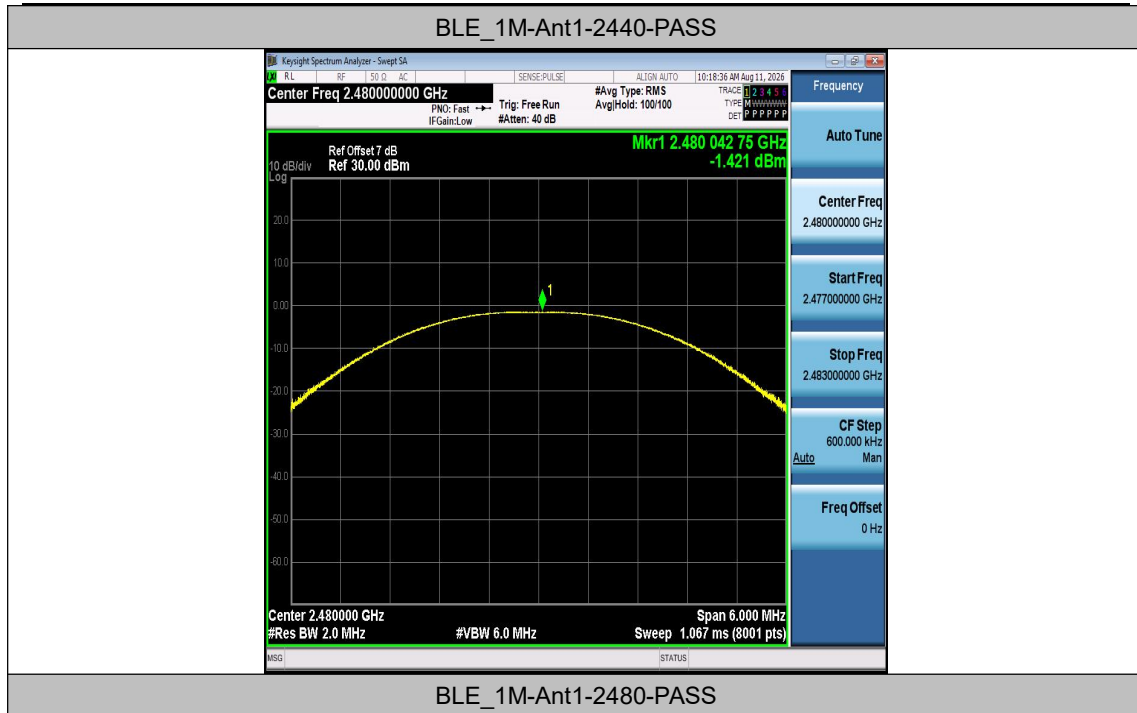
Test Graphs Peak



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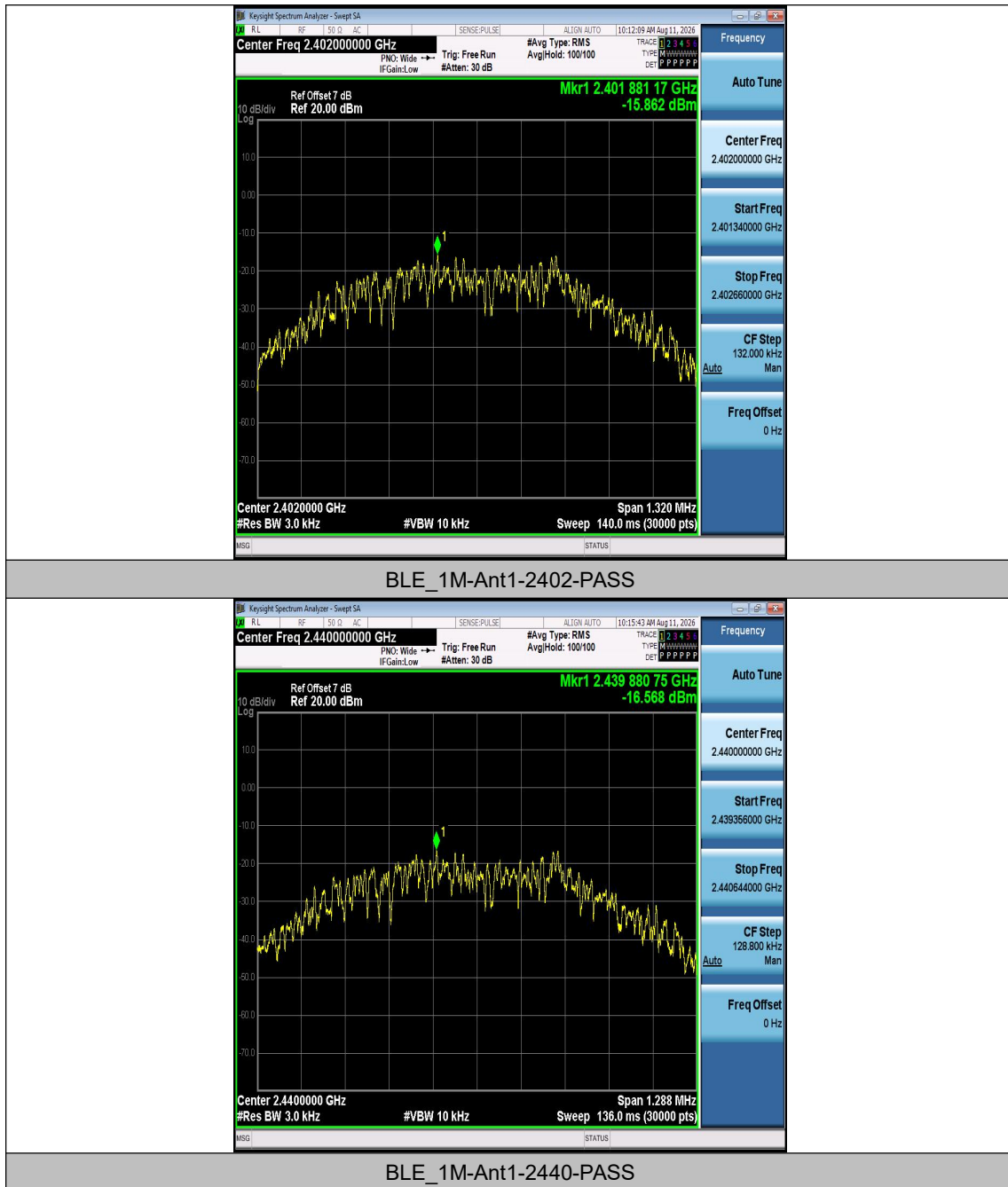
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-15.86	≤8.00	PASS
BLE_1M	Ant1	2440	-16.57	≤8.00	PASS
BLE_1M	Ant1	2480	-16.38	≤8.00	PASS

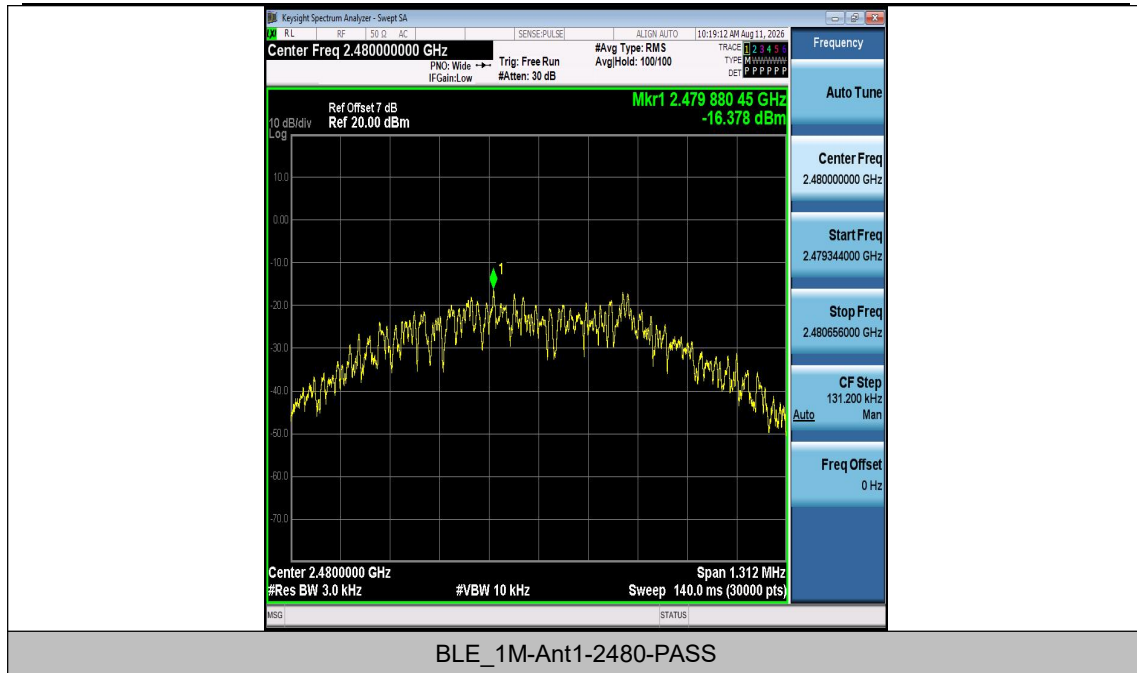
Test Graphs



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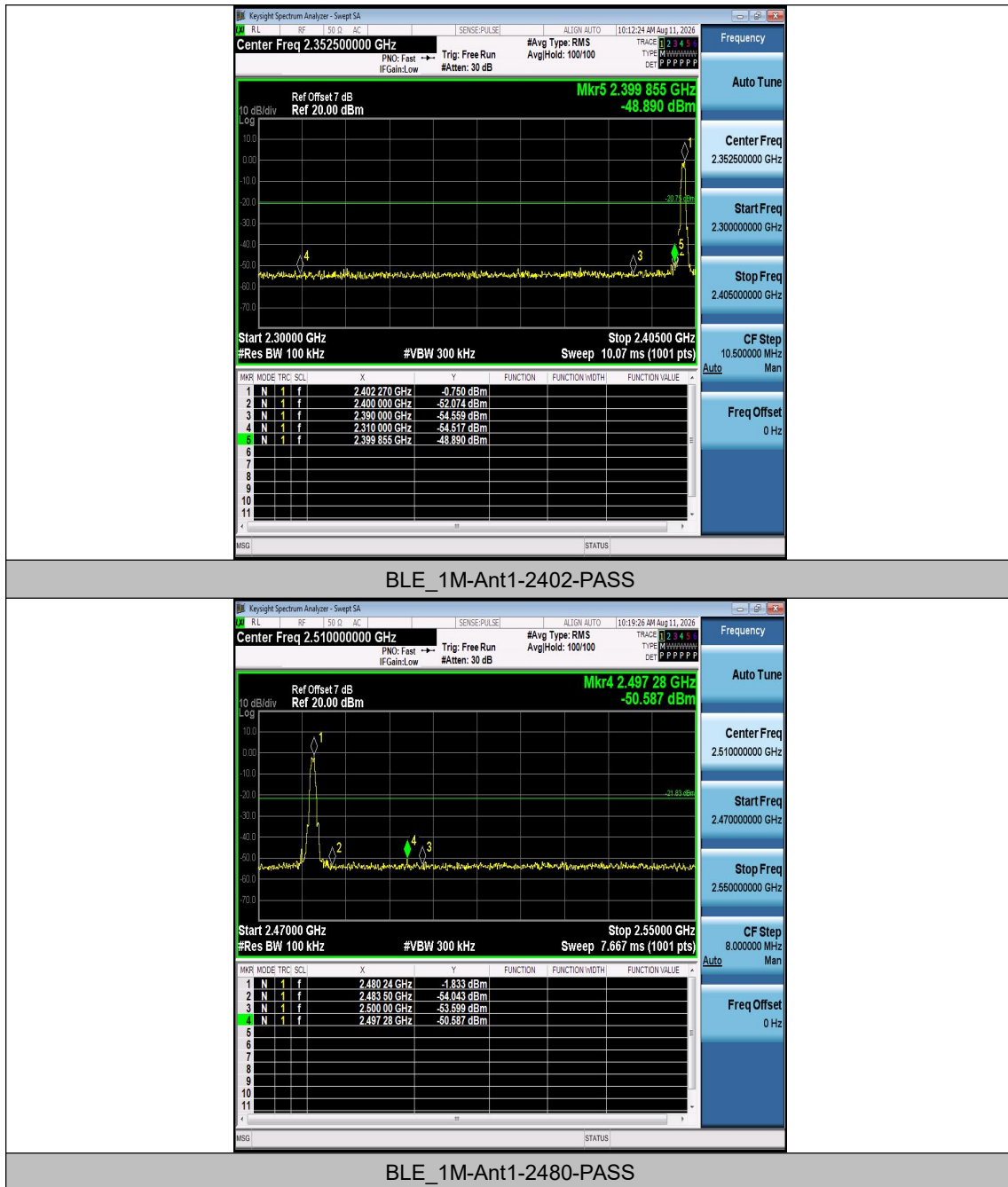
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-0.75	-48.89	≤ -20.75	PASS
BLE_1M	Ant1	High	2480	-1.83	-50.59	≤ -21.83	PASS

Test Graphs



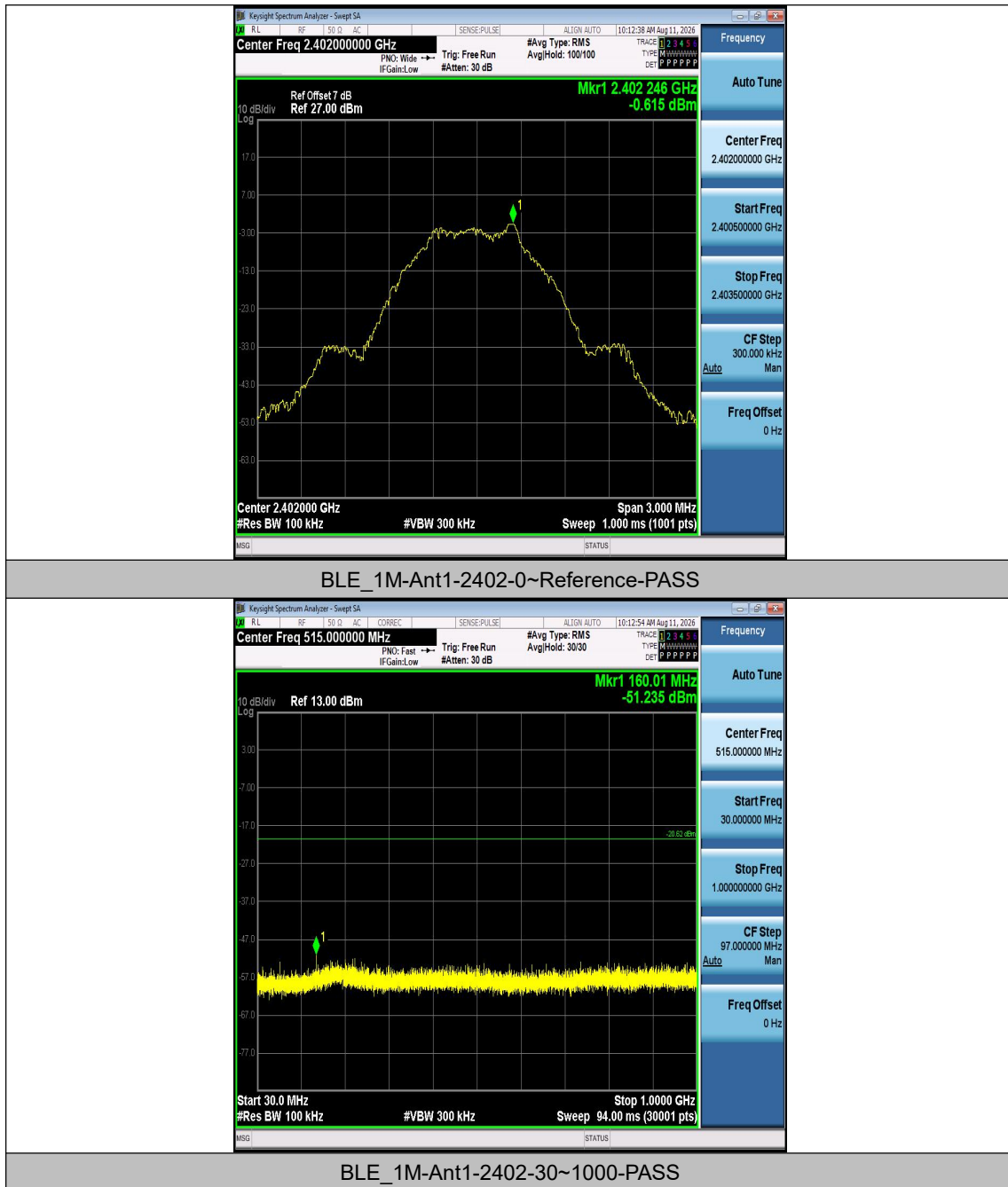
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-0.62	-0.62	---	PASS
BLE_1M	Ant1	2402	30~1000	-0.62	-51.24	≤-20.62	PASS
BLE_1M	Ant1	2402	1000~26500	-0.62	-37.13	≤-20.62	PASS
BLE_1M	Ant1	2440	0~Reference	-1.23	-1.23	---	PASS
BLE_1M	Ant1	2440	30~1000	-1.23	-50.51	≤-21.23	PASS
BLE_1M	Ant1	2440	1000~26500	-1.23	-36.77	≤-21.23	PASS
BLE_1M	Ant1	2480	0~Reference	-1.72	-1.72	---	PASS
BLE_1M	Ant1	2480	30~1000	-1.72	-50.24	≤-21.72	PASS
BLE_1M	Ant1	2480	1000~26500	-1.72	-36.18	≤-21.72	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.

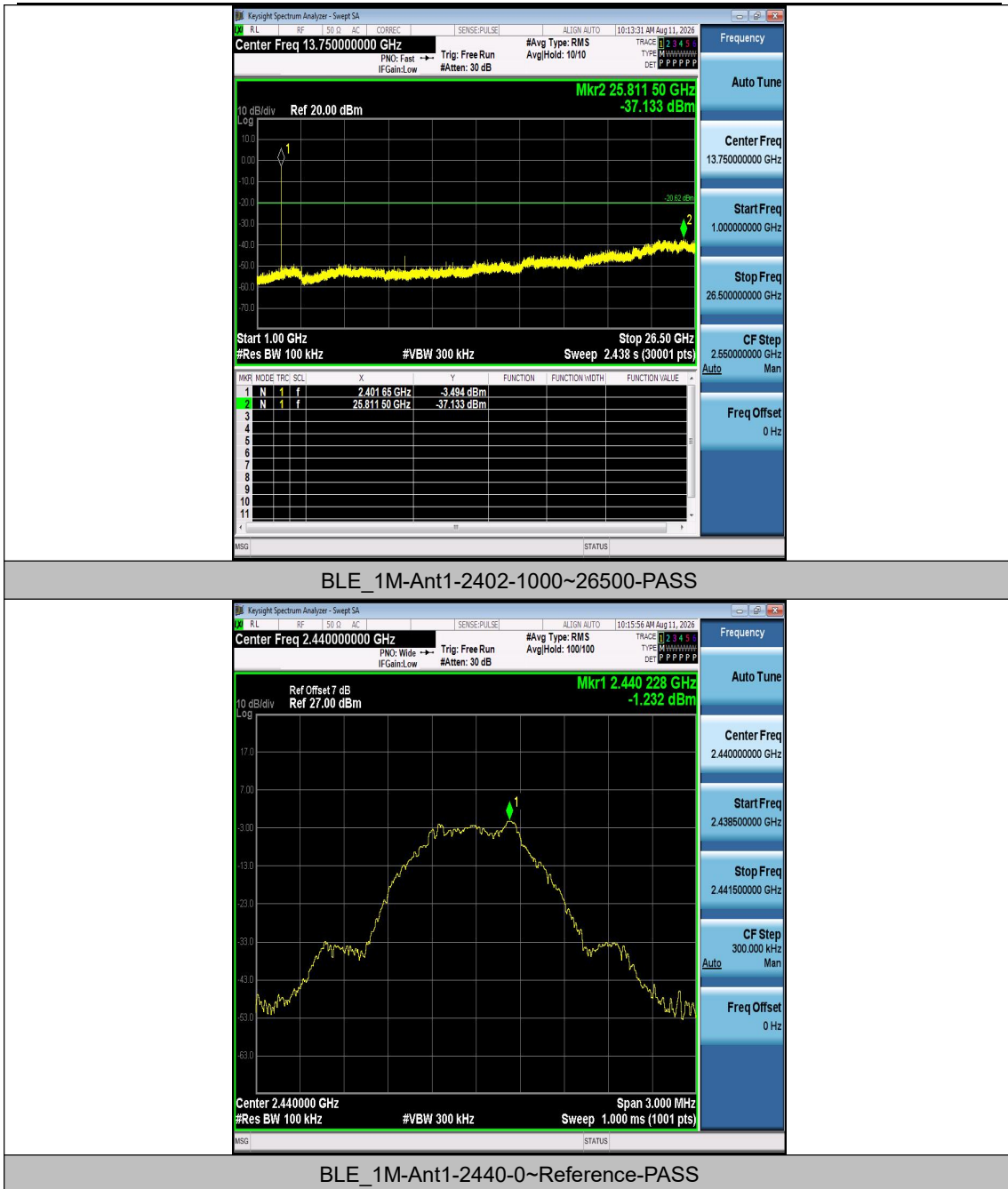
Test Graphs



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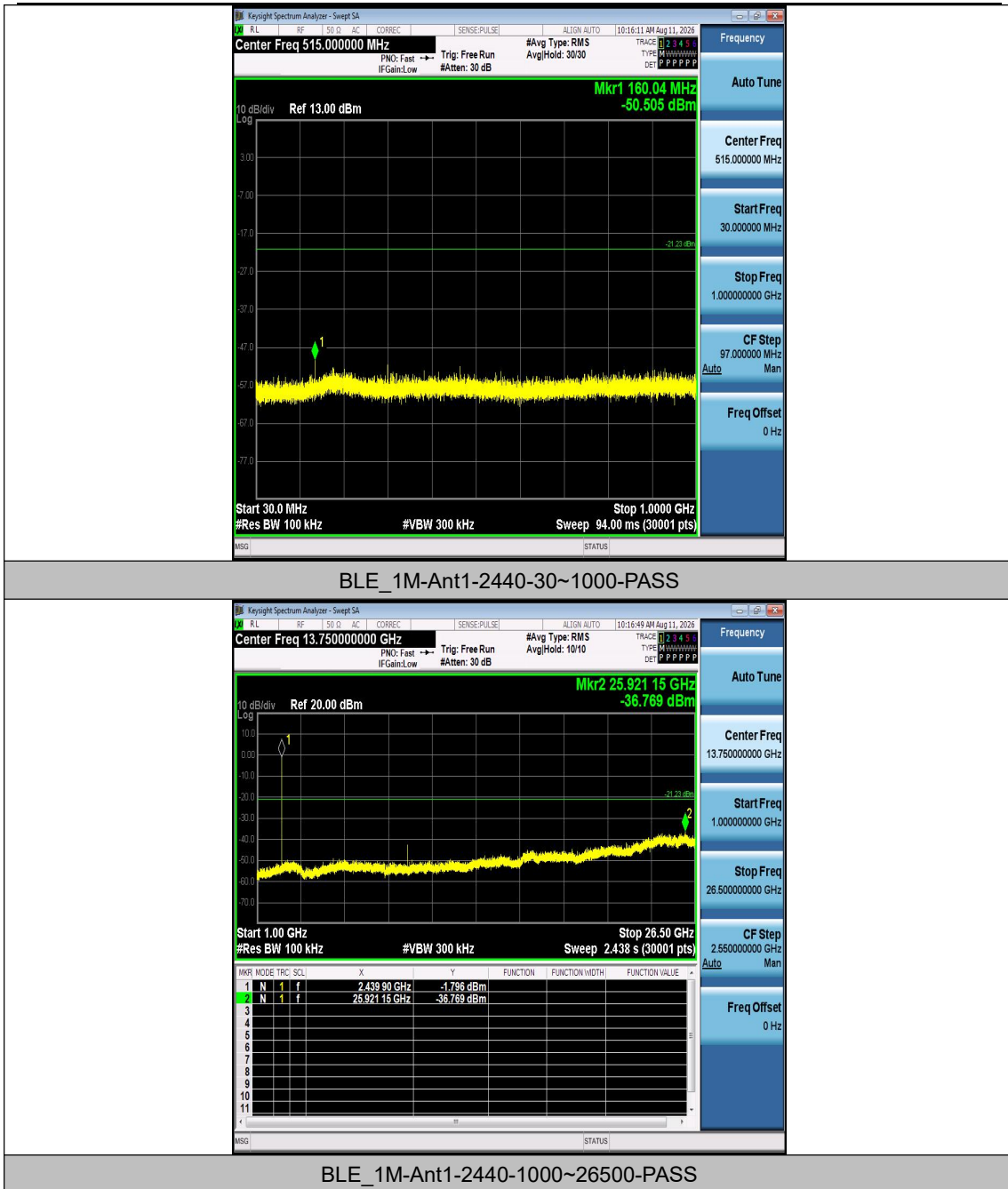
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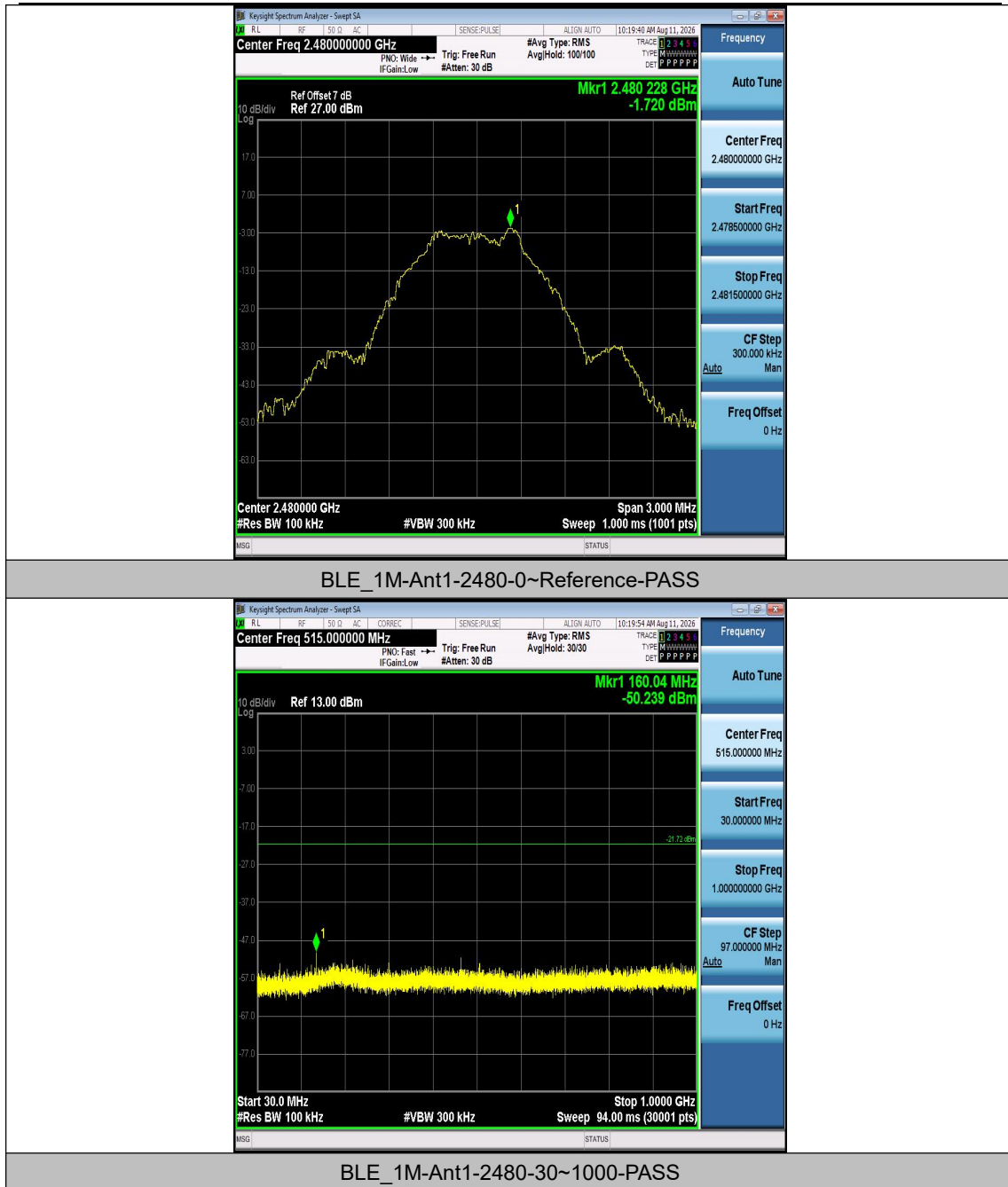
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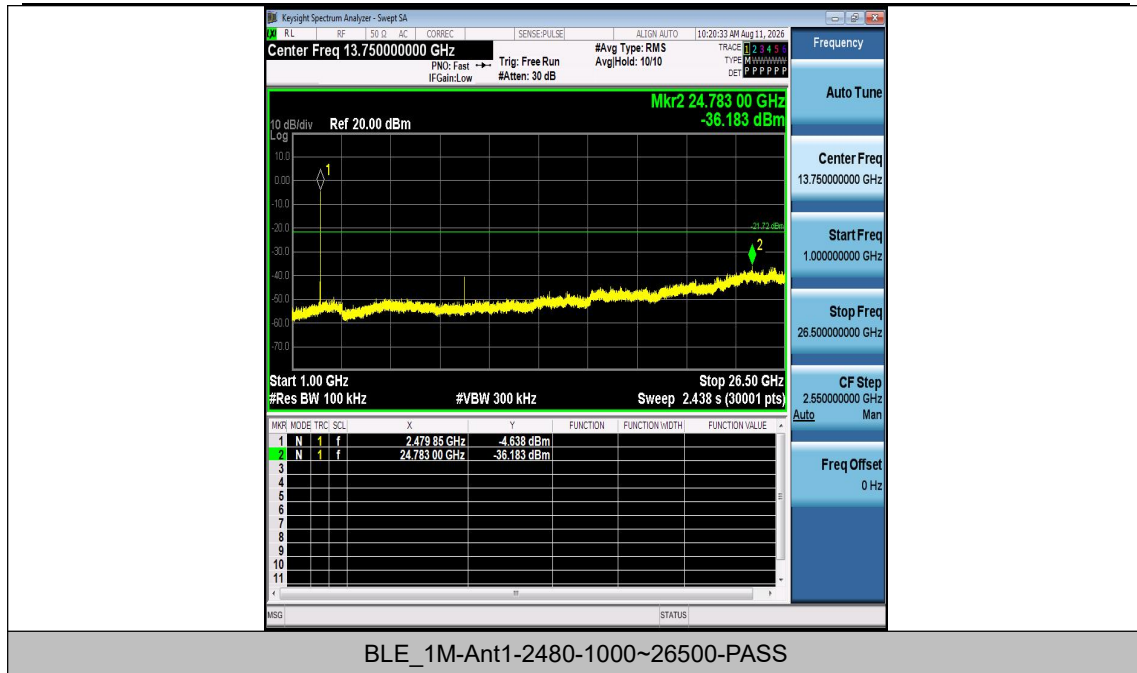
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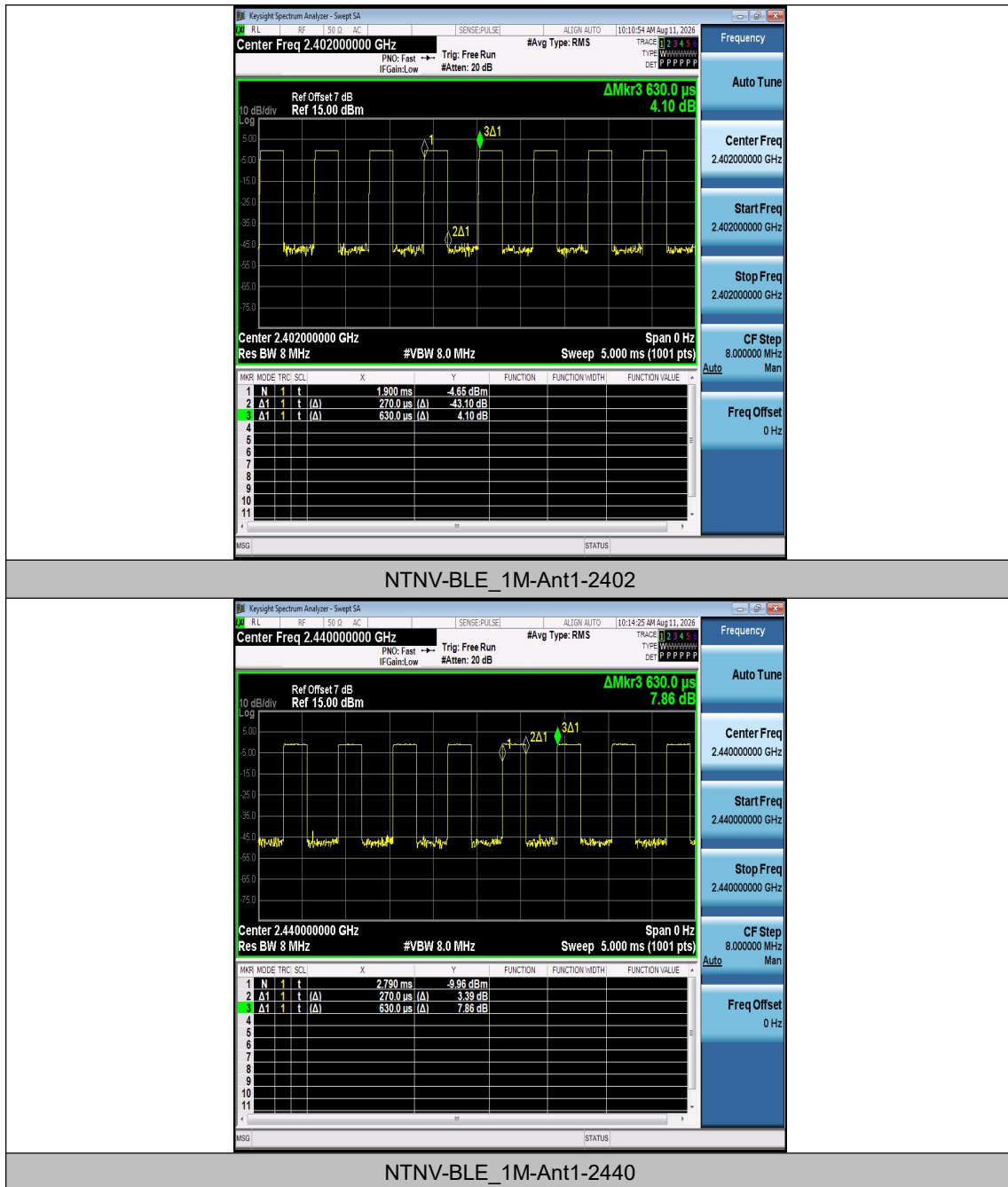
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Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	0.27	0.63	42.86	3.68
BLE_1M	Ant1	2440	0.27	0.63	42.86	3.68
BLE_1M	Ant1	2480	0.27	0.62	43.55	3.61

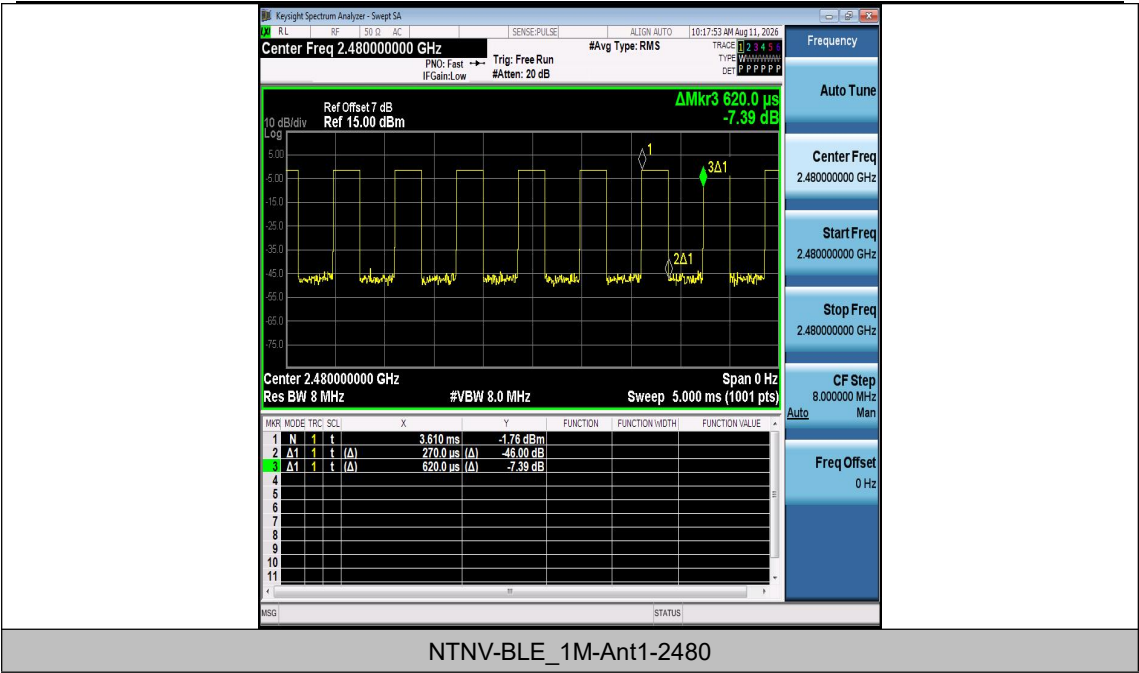
Test Graphs



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NTNV-BLE_1M-Ant1-2480

---End---