

Appendix Test Data

Report No.:	1812C60366812501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-7-07	Finish Test Date:	2026-7-13
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	24.5°C	Relative Humidity:	67%
Pressure:	99.8kPa		



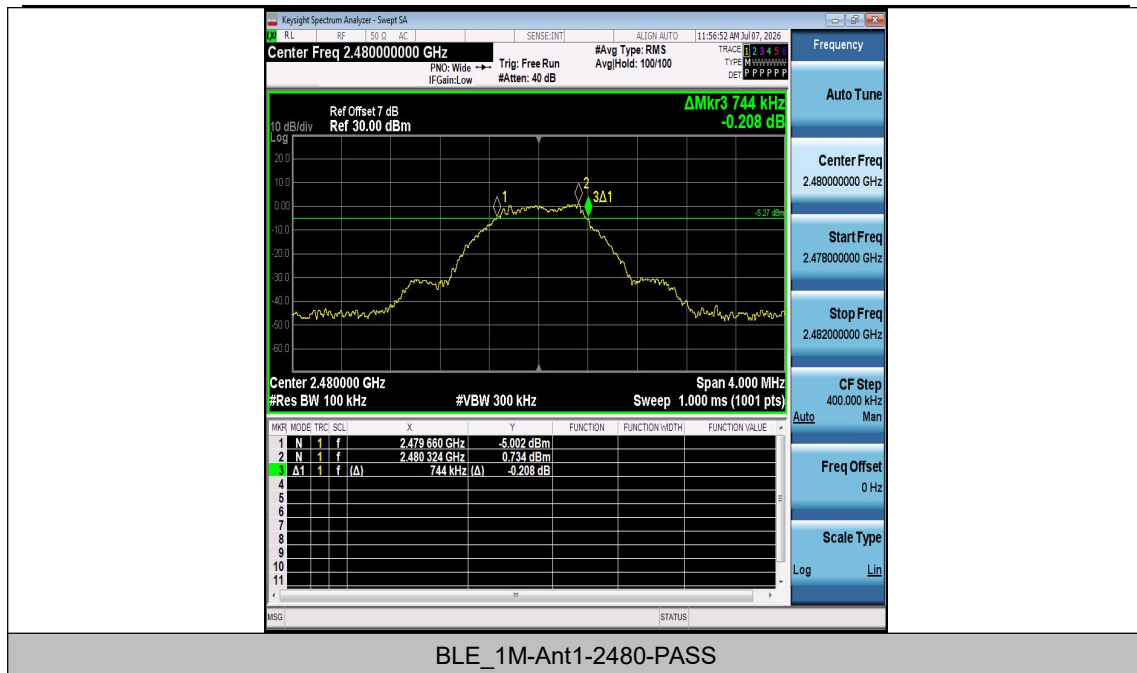
Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.748	2401.656	2402.404	0.5	PASS
BLE_1M	Ant1	2440	0.656	2439.672	2440.328	0.5	PASS
BLE_1M	Ant1	2480	0.744	2479.660	2480.404	0.5	PASS

Test Graphs





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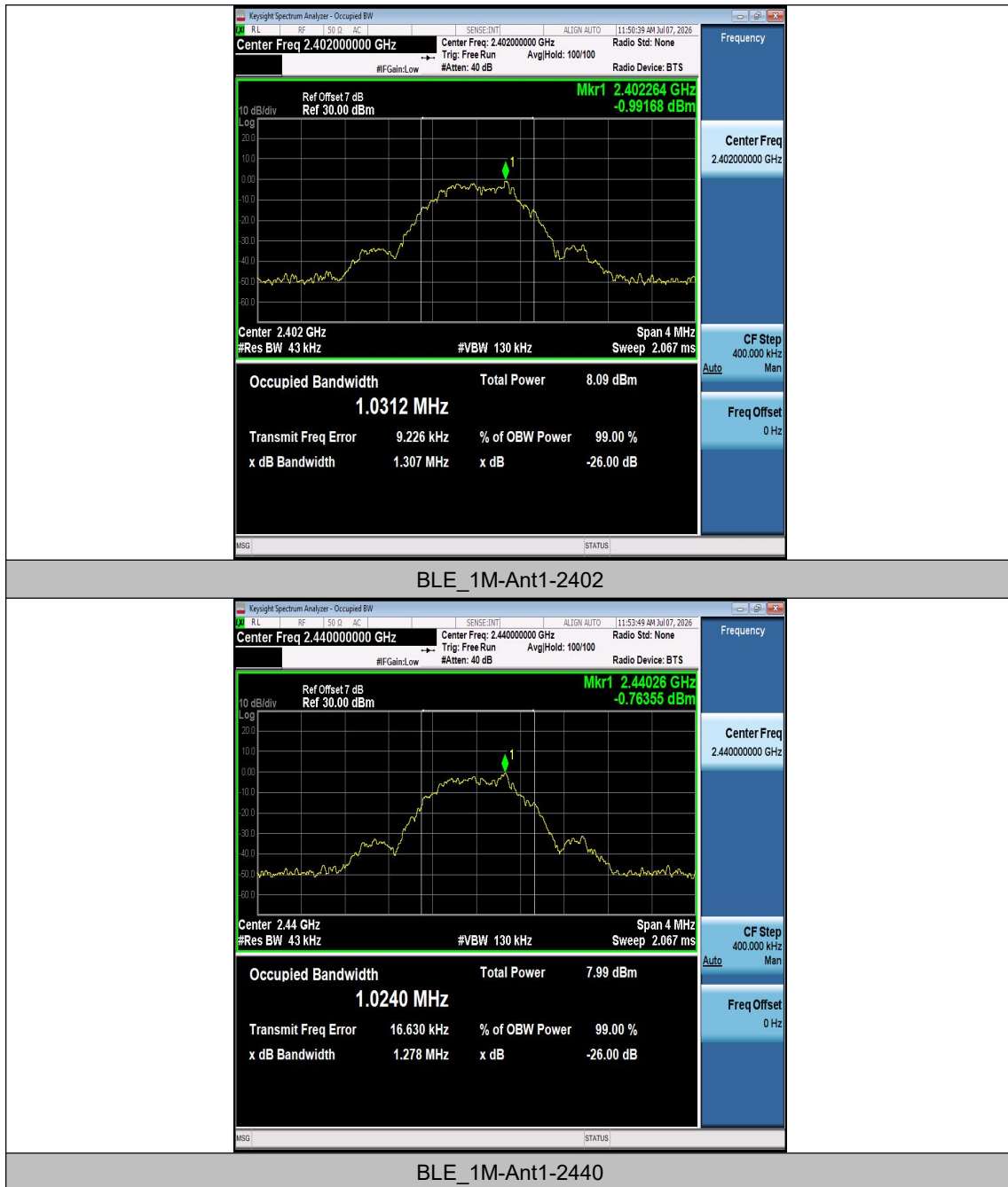
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Appendix B: 99% Occupied Bandwidth**Test Result**

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0312	2401.4936	2402.5248	---	---
BLE_1M	Ant1	2440	1.0240	2439.5046	2440.5286	---	---
BLE_1M	Ant1	2480	1.0262	2479.4976	2480.5238	---	---

Test Graphs



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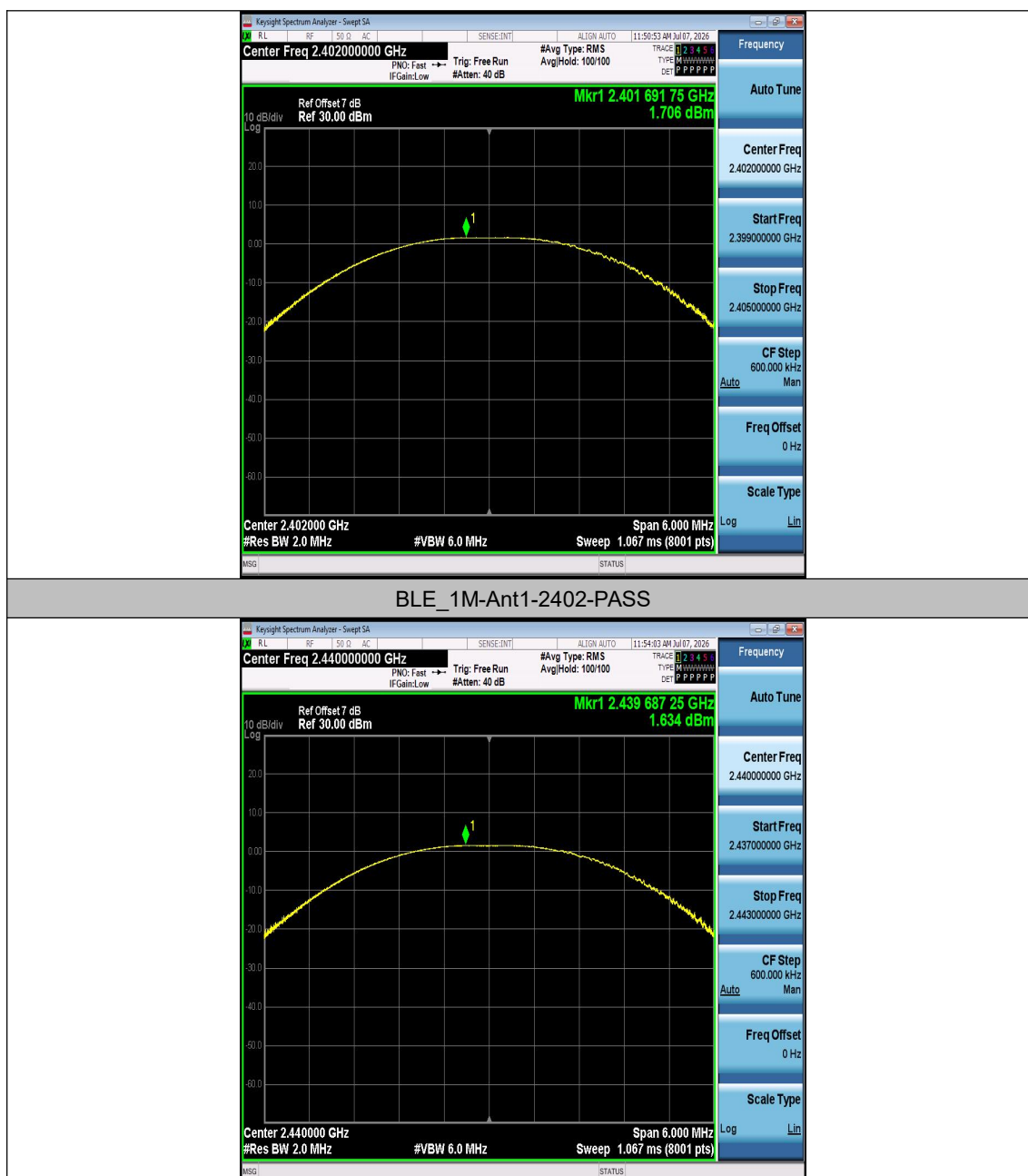
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Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	1.71	≤30	PASS
BLE_1M	Ant1	2440	1.63	≤30	PASS
BLE_1M	Ant1	2480	1.46	≤30	PASS

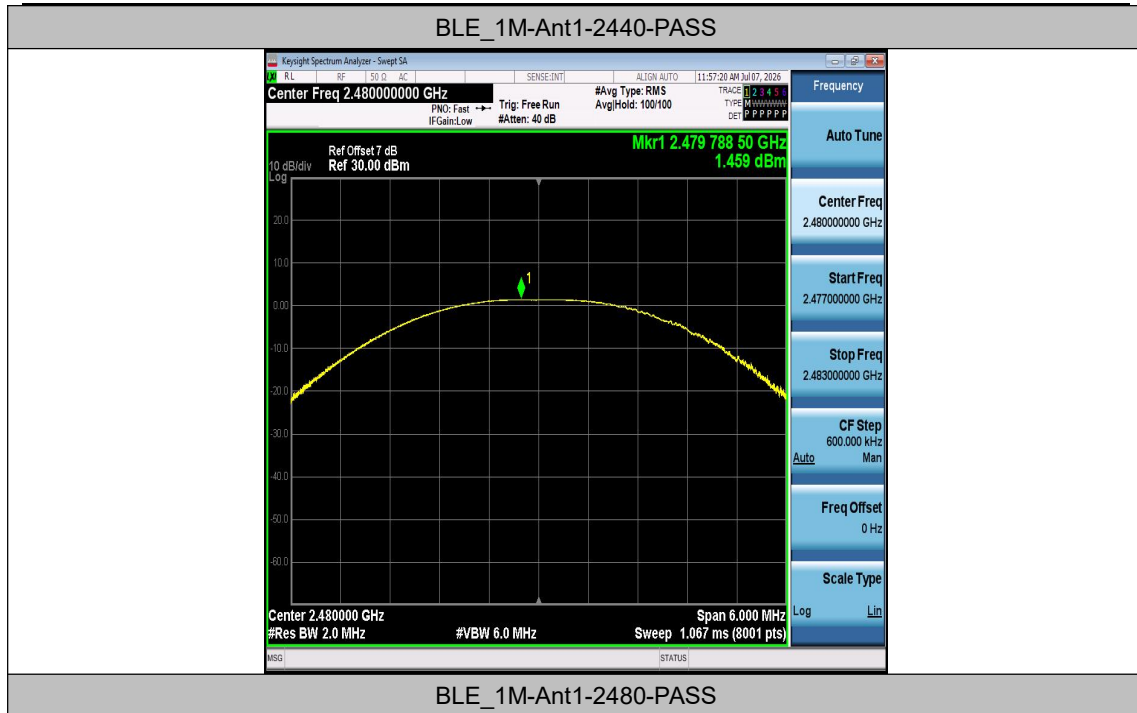
Test Graphs Peak



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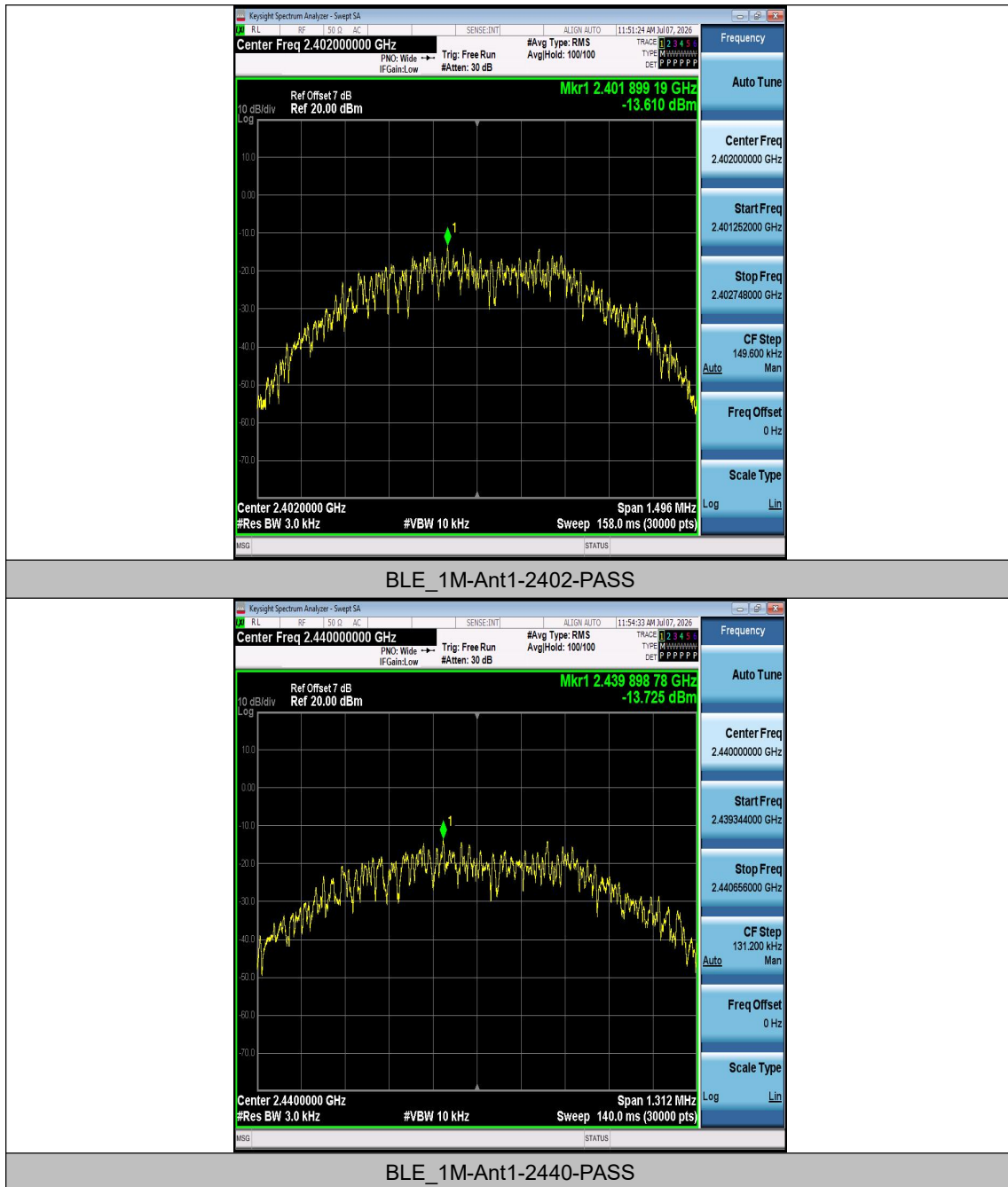
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-13.61	≤8.00	PASS
BLE_1M	Ant1	2440	-13.73	≤8.00	PASS
BLE_1M	Ant1	2480	-13.30	≤8.00	PASS

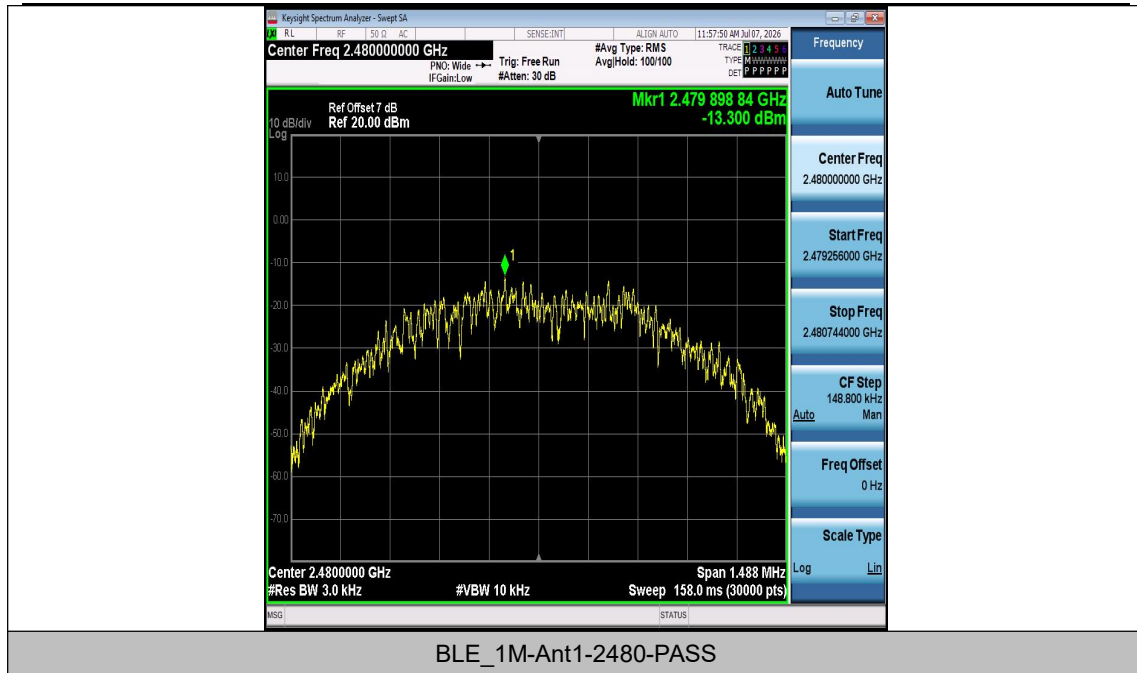
Test Graphs



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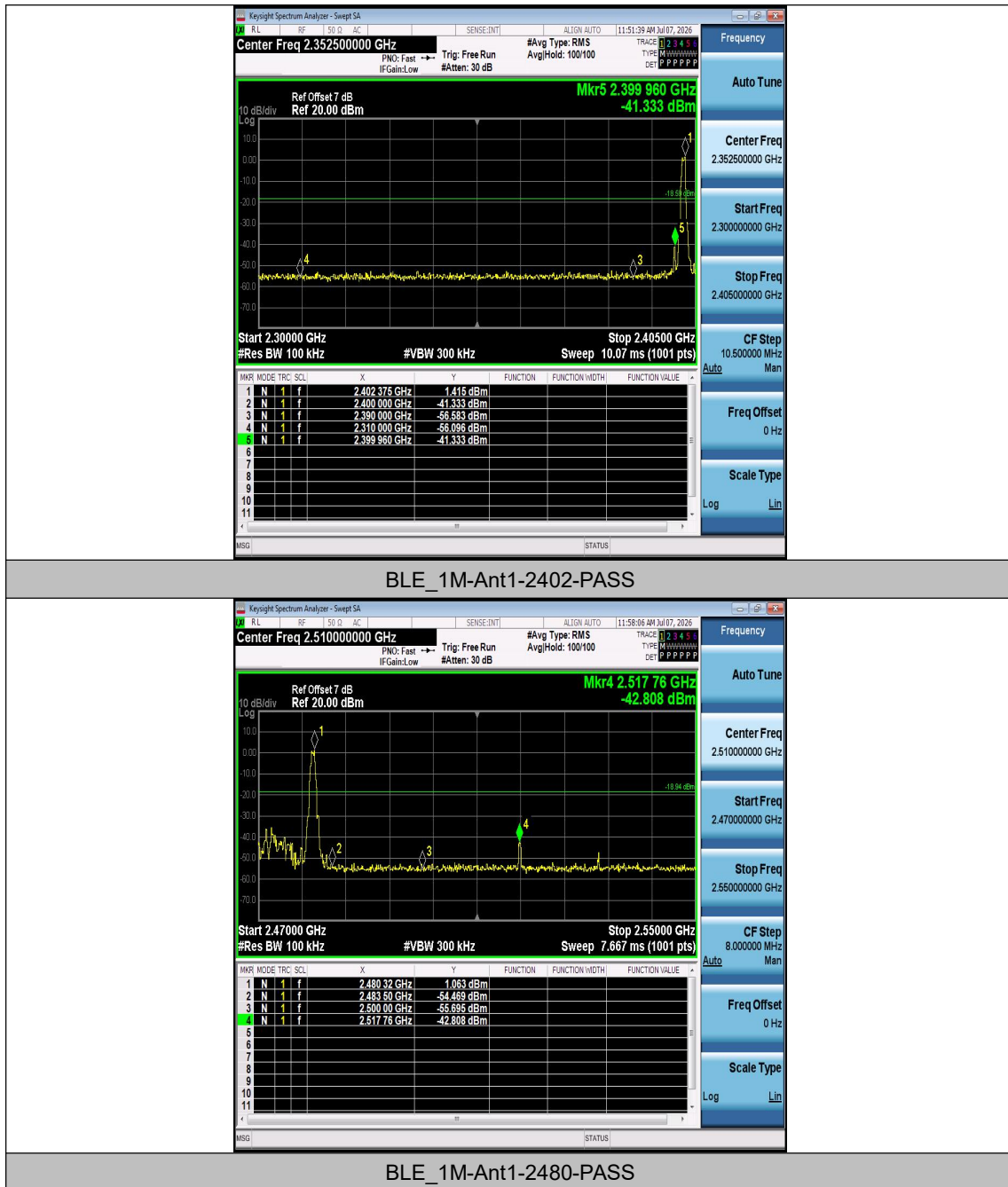
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	1.42	-41.33	≤-18.59	PASS
BLE_1M	Ant1	High	2480	1.06	-42.81	≤-18.94	PASS

Test Graphs



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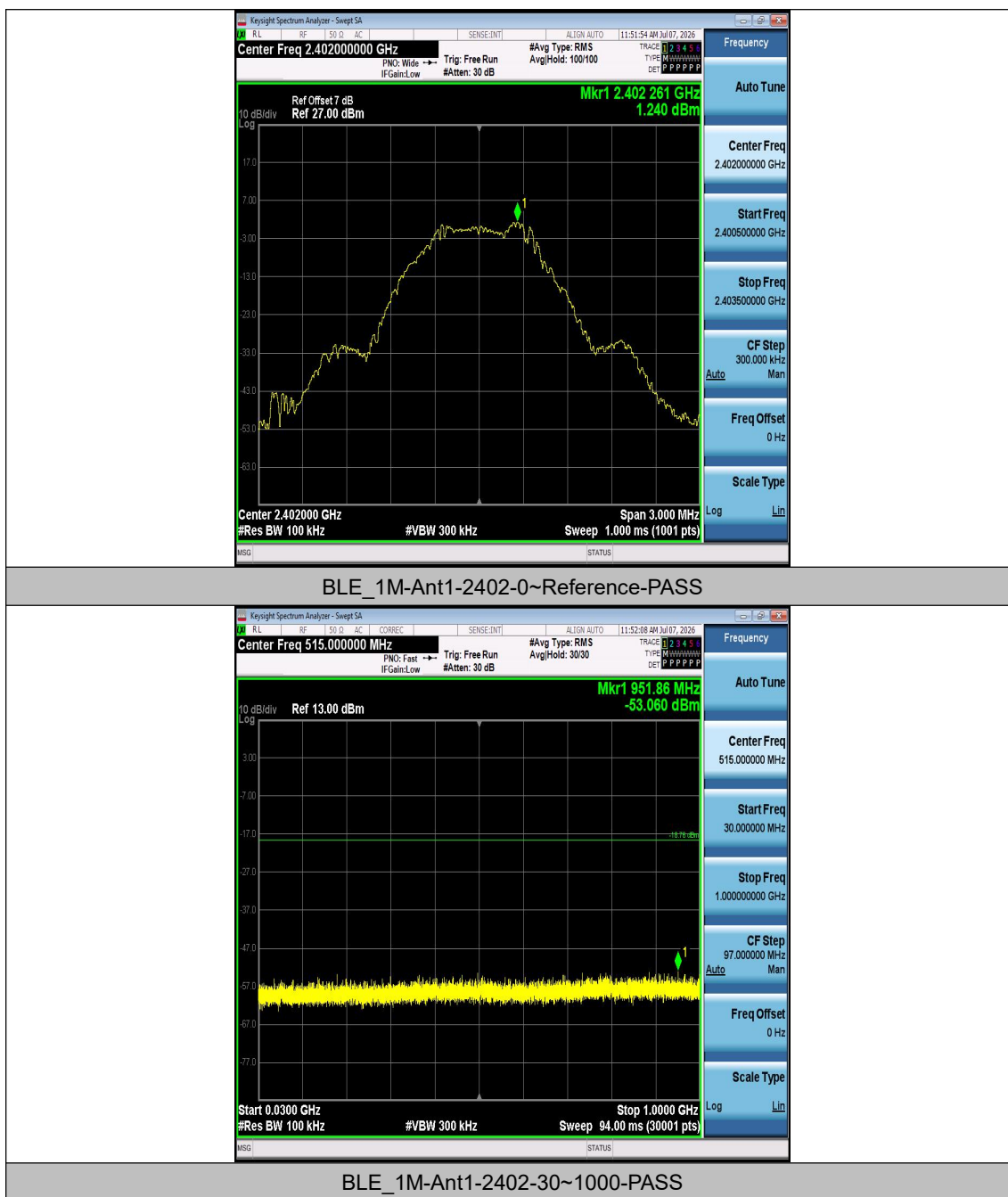
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	1.24	1.24	---	PASS
BLE_1M	Ant1	2402	30~1000	1.24	-53.06	≤-18.76	PASS
BLE_1M	Ant1	2402	1000~26500	1.24	-42.01	≤-18.76	PASS
BLE_1M	Ant1	2440	0~Reference	0.92	0.92	---	PASS
BLE_1M	Ant1	2440	30~1000	0.92	-52.93	≤-19.08	PASS
BLE_1M	Ant1	2440	1000~26500	0.92	-36.36	≤-19.08	PASS
BLE_1M	Ant1	2480	0~Reference	1.05	1.05	---	PASS
BLE_1M	Ant1	2480	30~1000	1.05	-53.07	≤-18.95	PASS
BLE_1M	Ant1	2480	1000~26500	1.05	-39.84	≤-18.95	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.

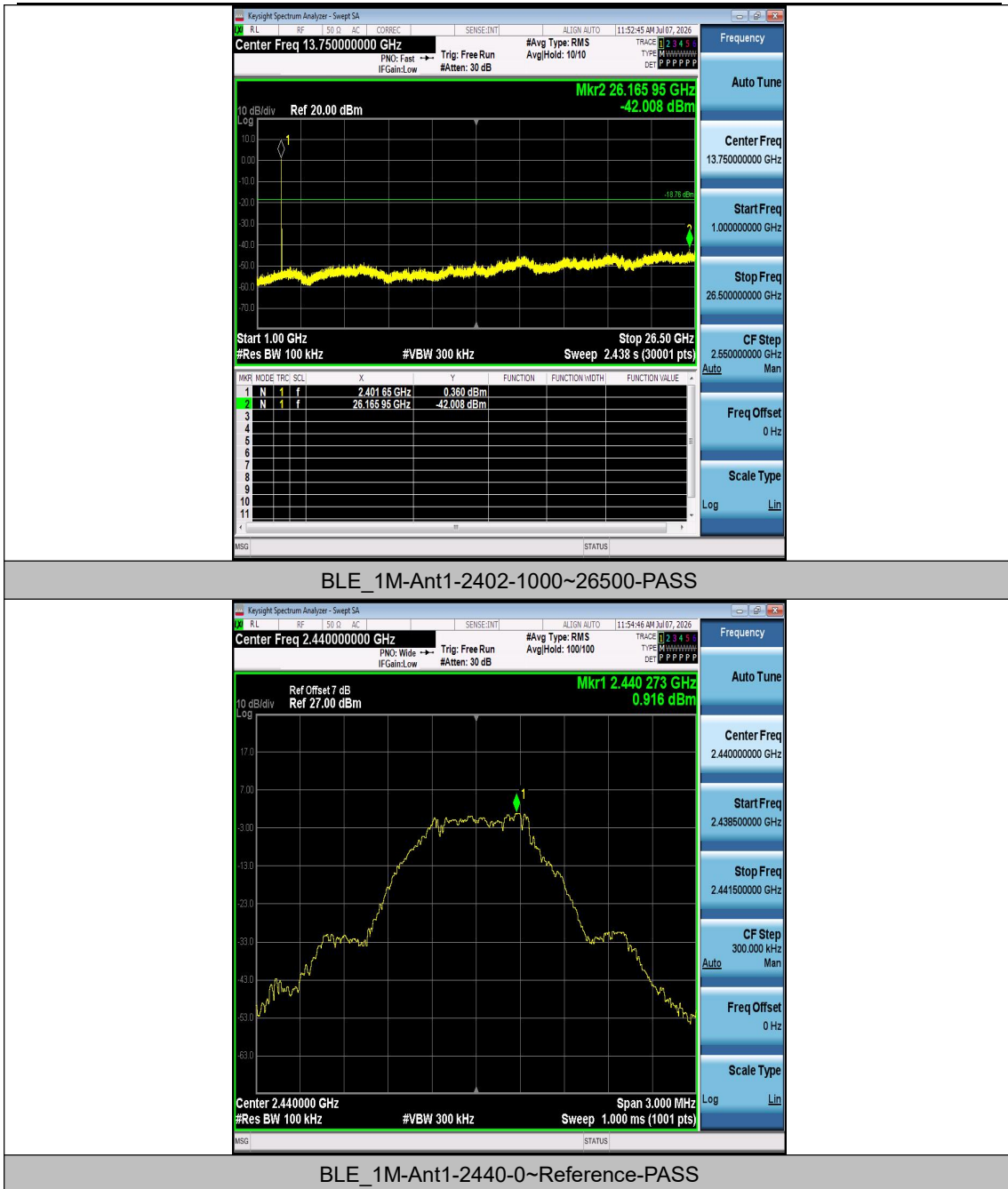
Test Graphs



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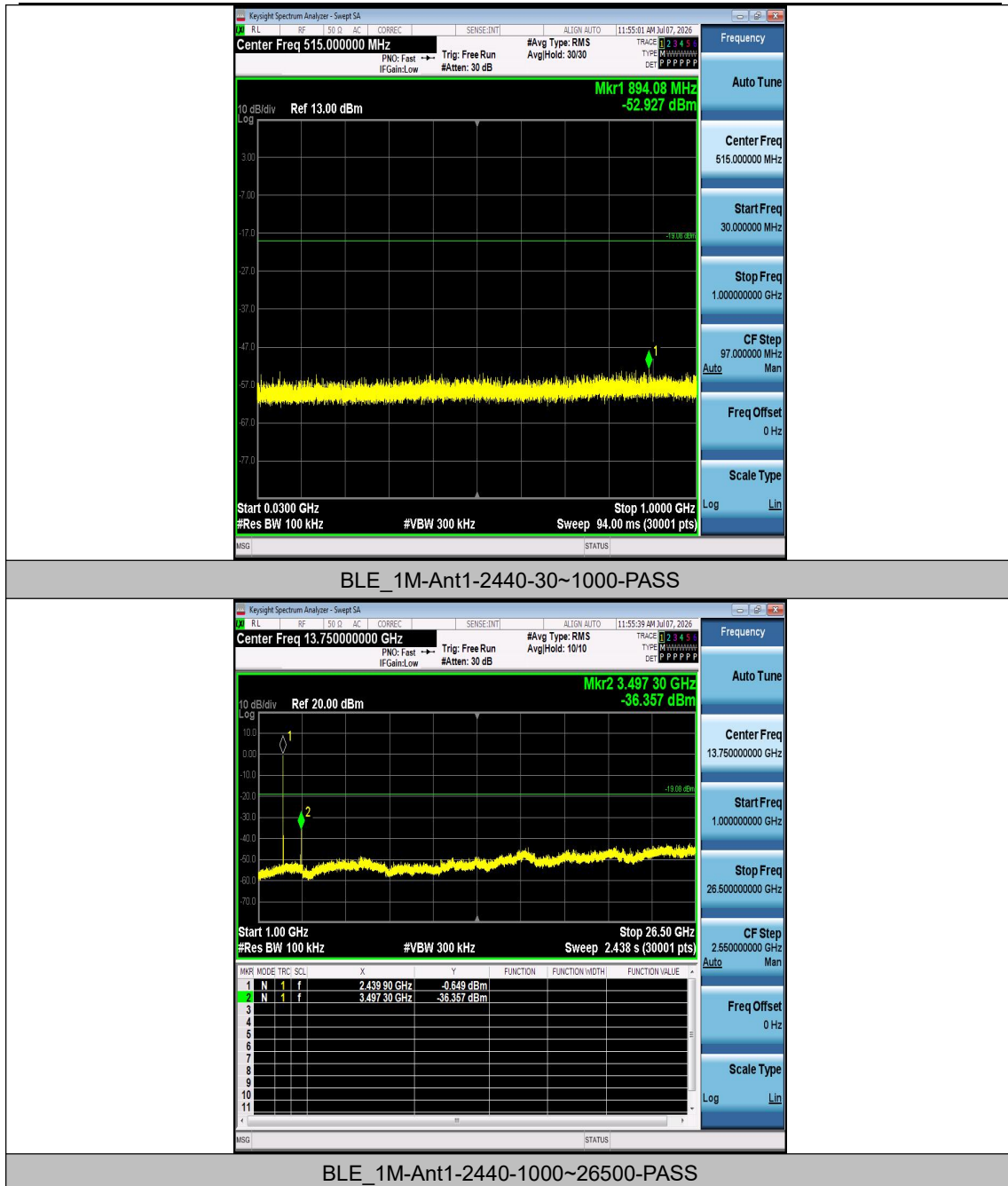
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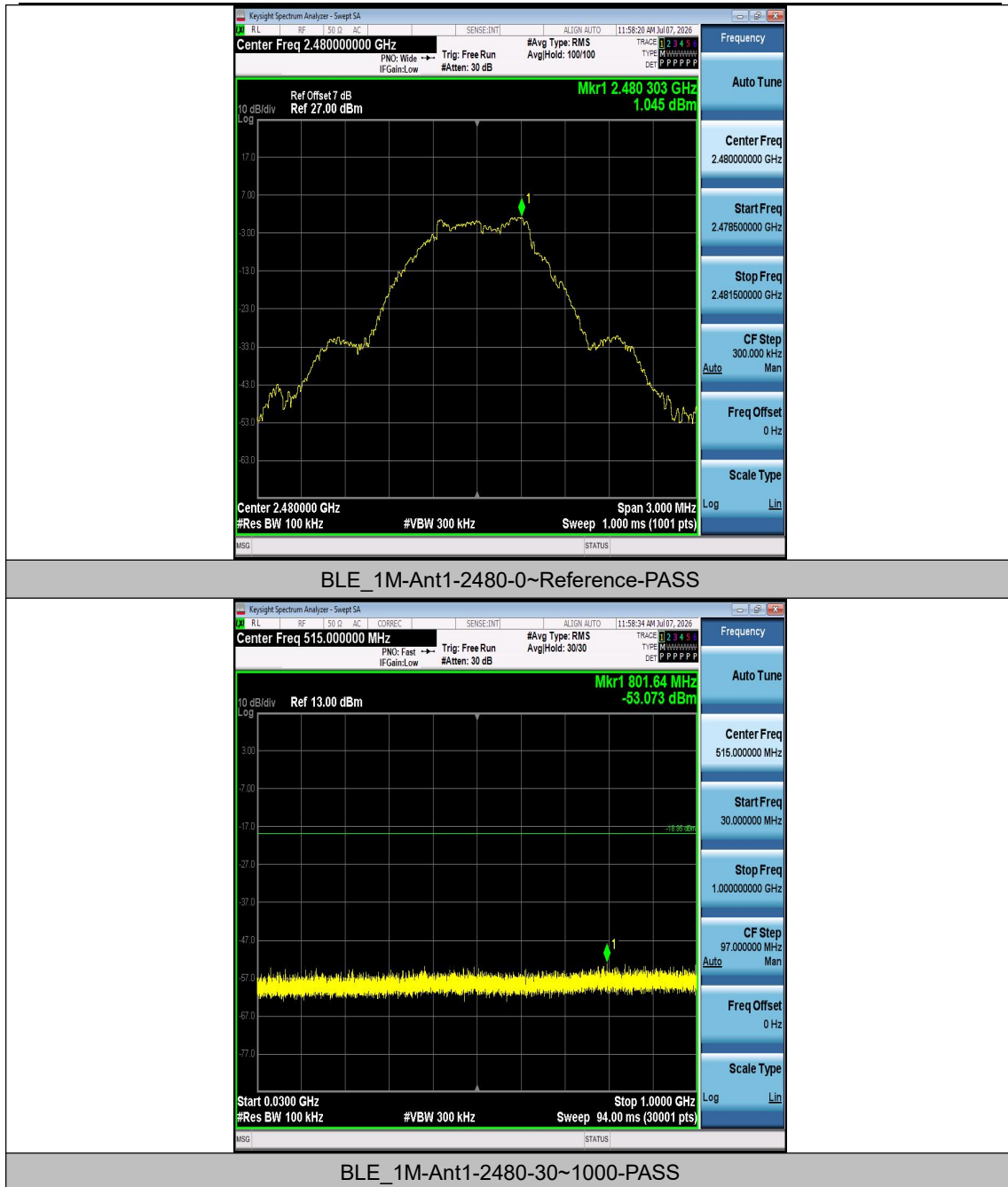
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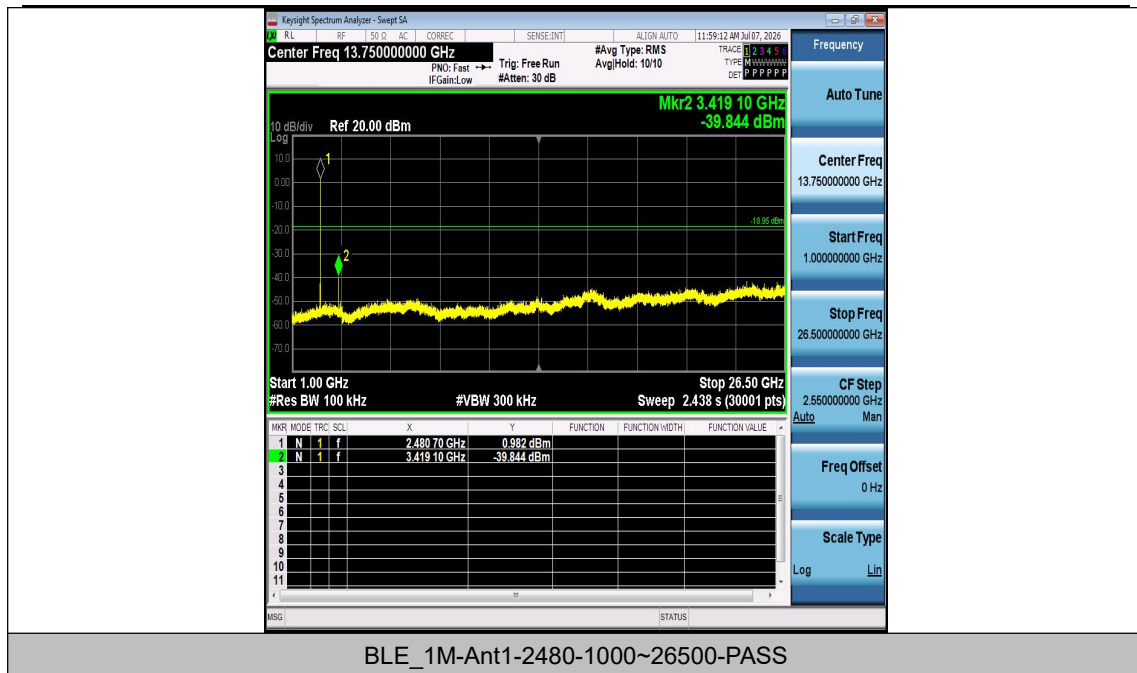
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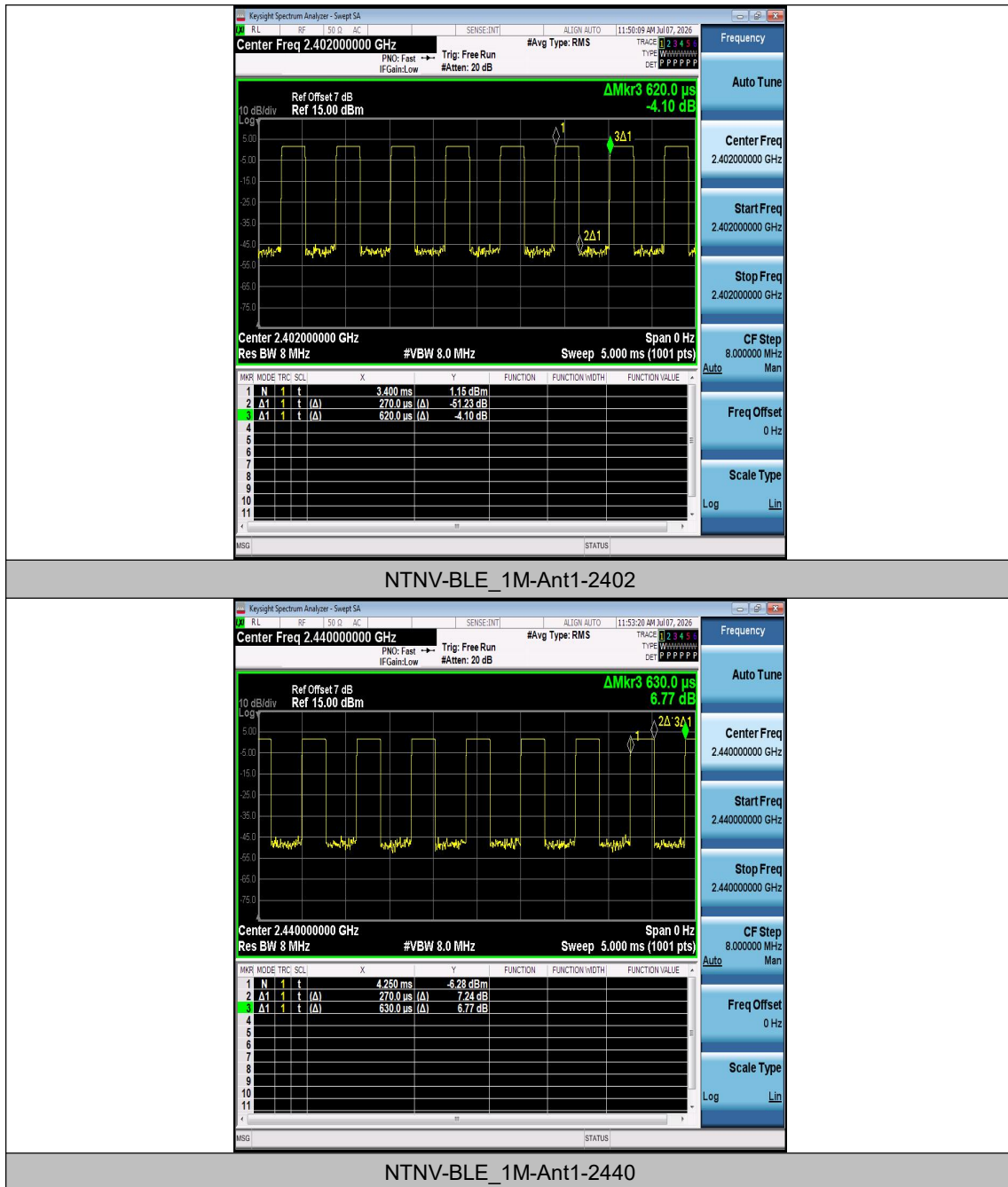
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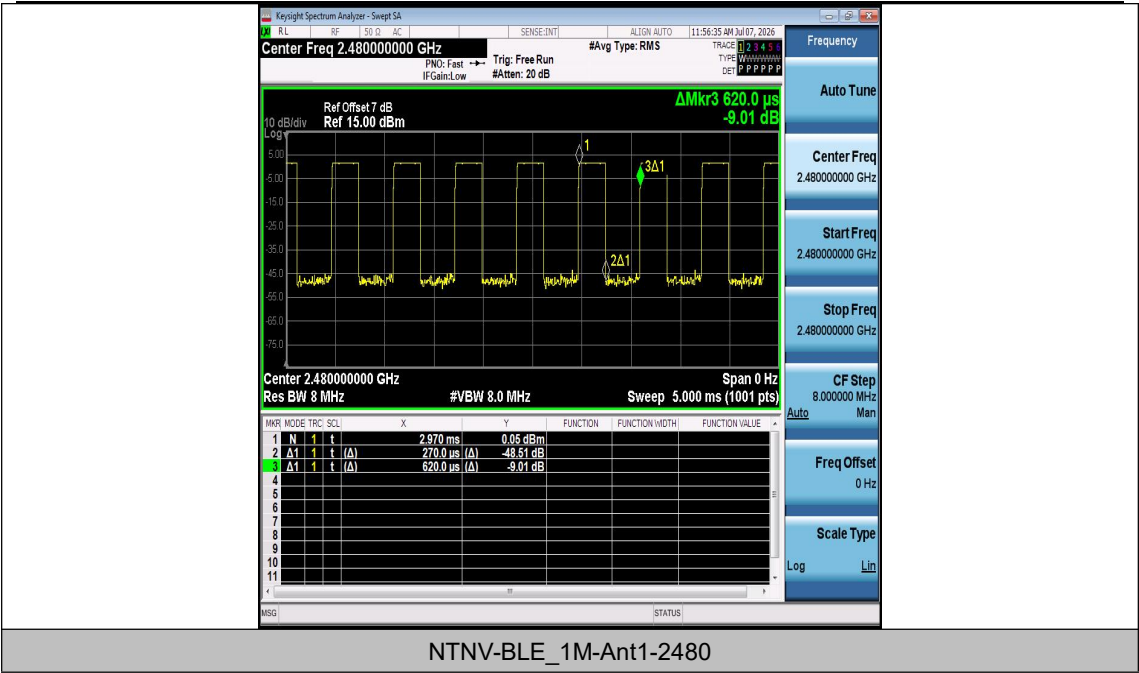
Appendix G: Duty Cycle

Test Result

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





NTNV-BLE_1M-Ant1-2480

---End---