

Appendix Test Data

Report No.:	1812C60177512501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-4-29	Finish Test Date:	2026-5-6
Test Engineer:	Huysen Guan	Auditor:	Justin Feng
Temperature:	25.9°C	Relative Humidity:	51%
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	0.920	2401.532	2402.452	0.5	PASS
BLE_1M	Ant1	2440	0.900	2439.544	2440.444	0.5	PASS
BLE_1M	Ant1	2480	0.908	2479.536	2480.444	0.5	PASS

Test Graphs



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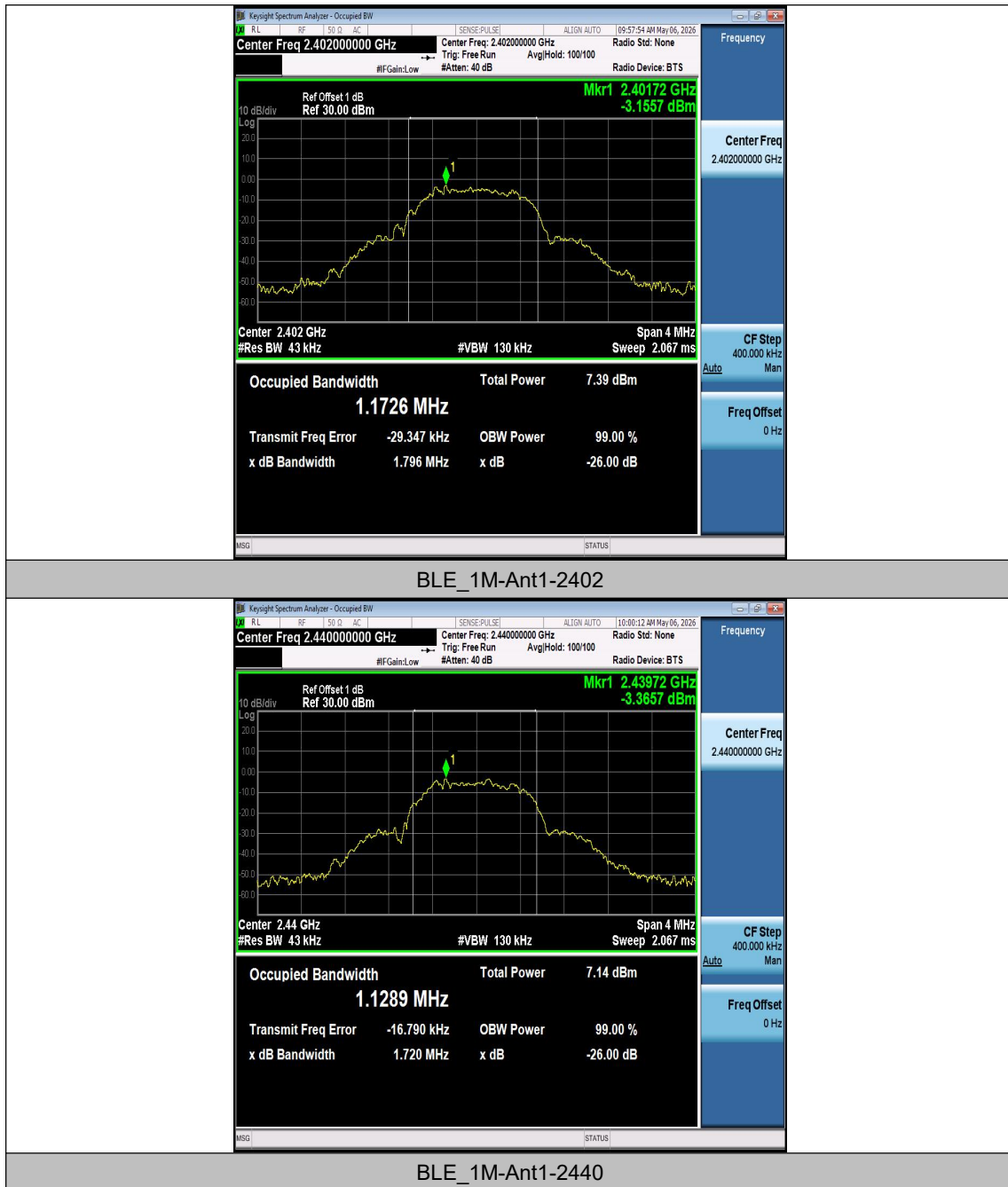
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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.1726	2401.3844	2402.5570	---	---
BLE_1M	Ant1	2440	1.1289	2439.4188	2440.5477	---	---
BLE_1M	Ant1	2480	1.1295	2479.4226	2480.5521	---	---

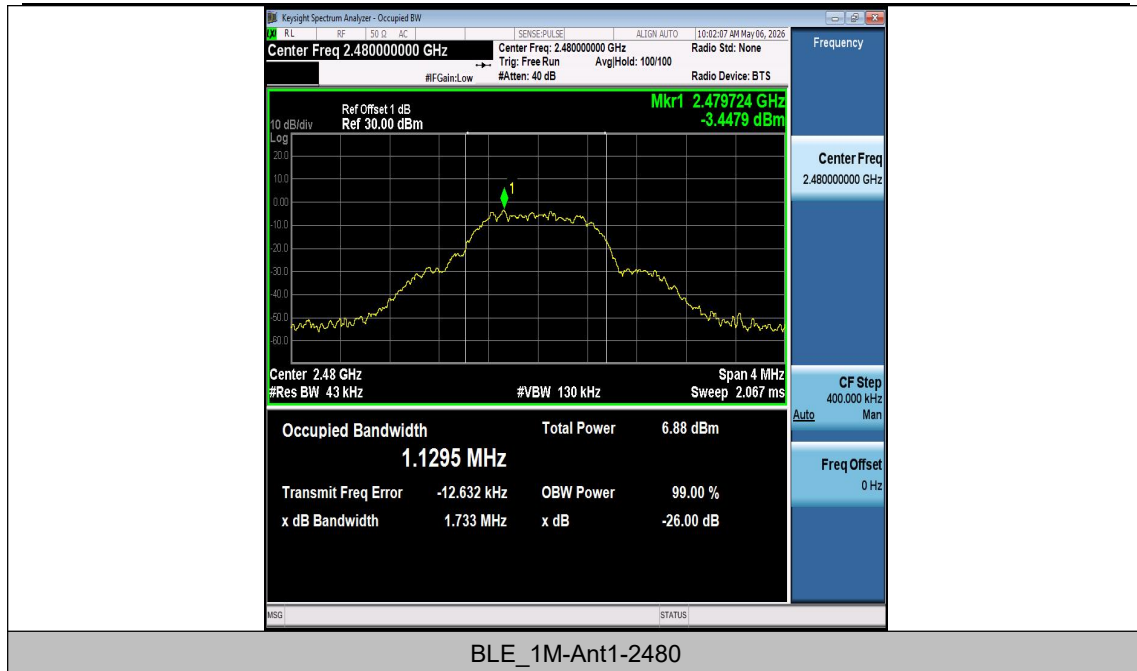
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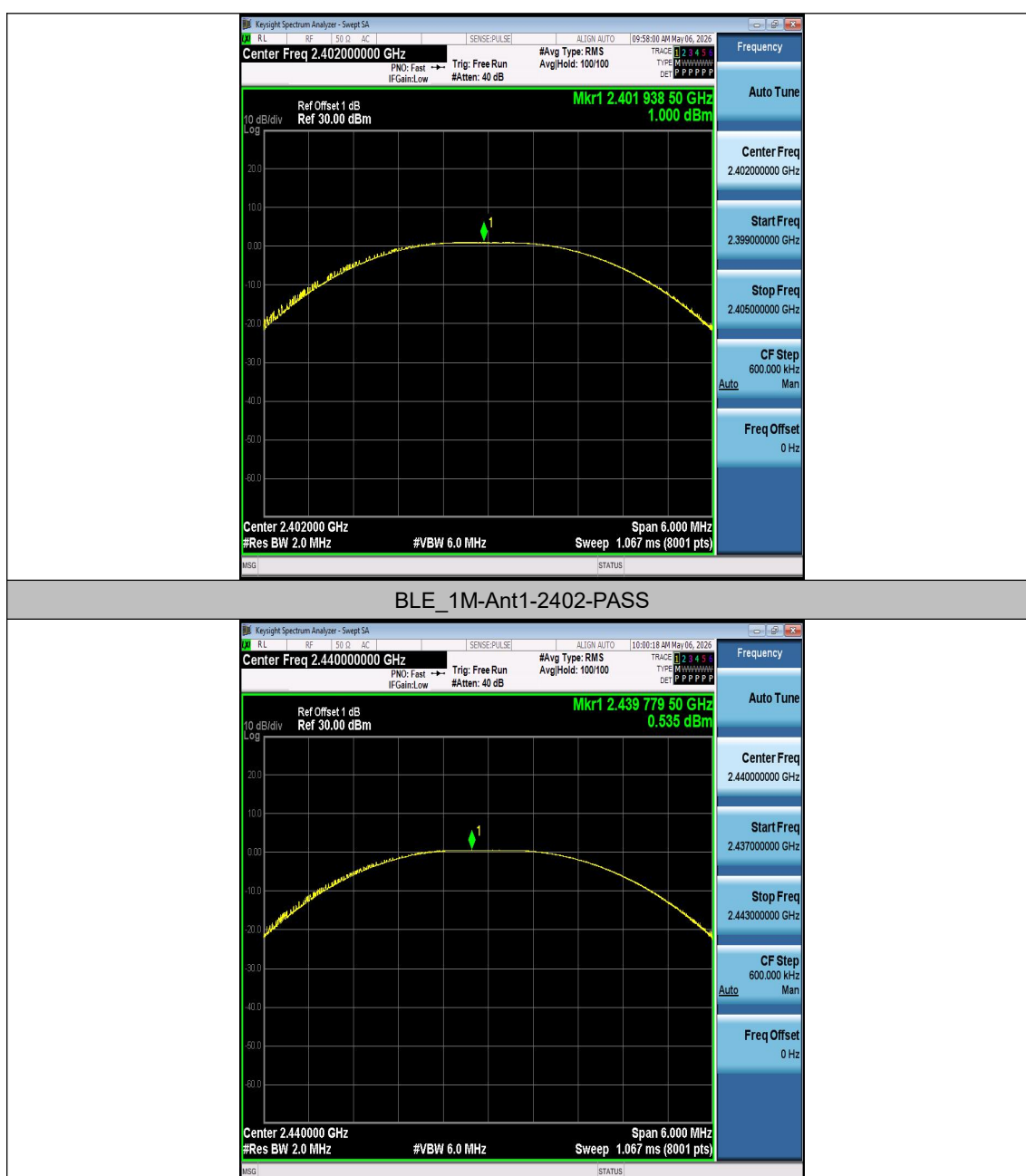
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Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	1.00	≤30	PASS
BLE_1M	Ant1	2440	0.54	≤30	PASS
BLE_1M	Ant1	2480	0.27	≤30	PASS

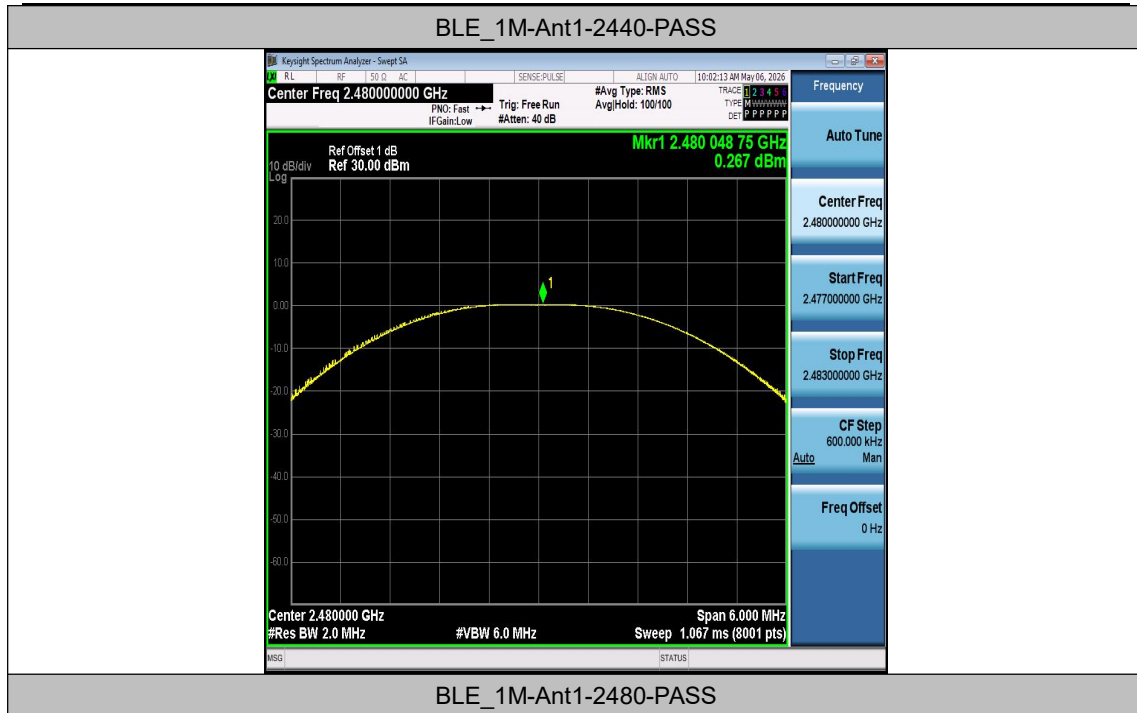
Test Graphs Peak



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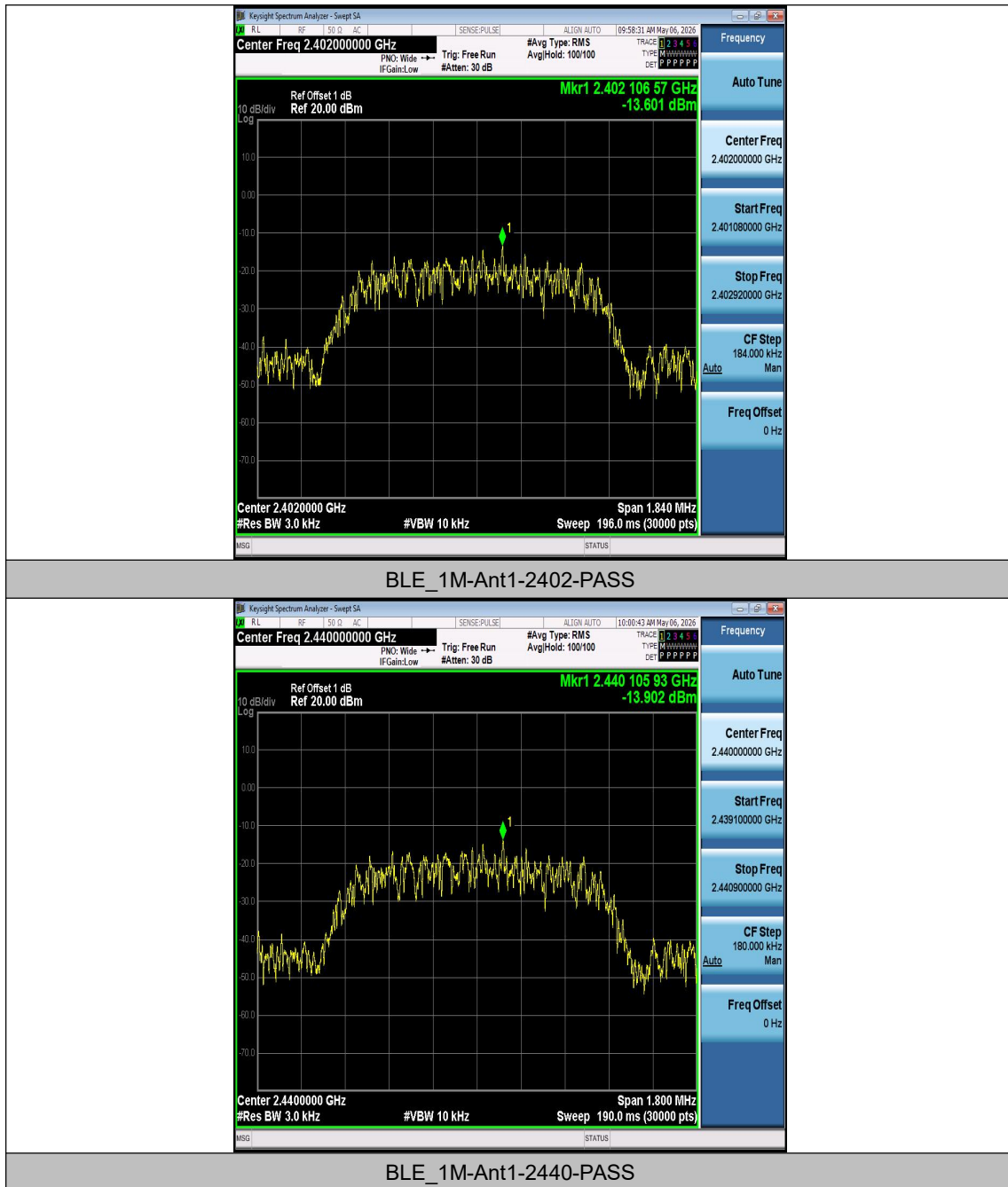
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-13.60	≤8.00	PASS
BLE_1M	Ant1	2440	-13.90	≤8.00	PASS
BLE_1M	Ant1	2480	-14.32	≤8.00	PASS

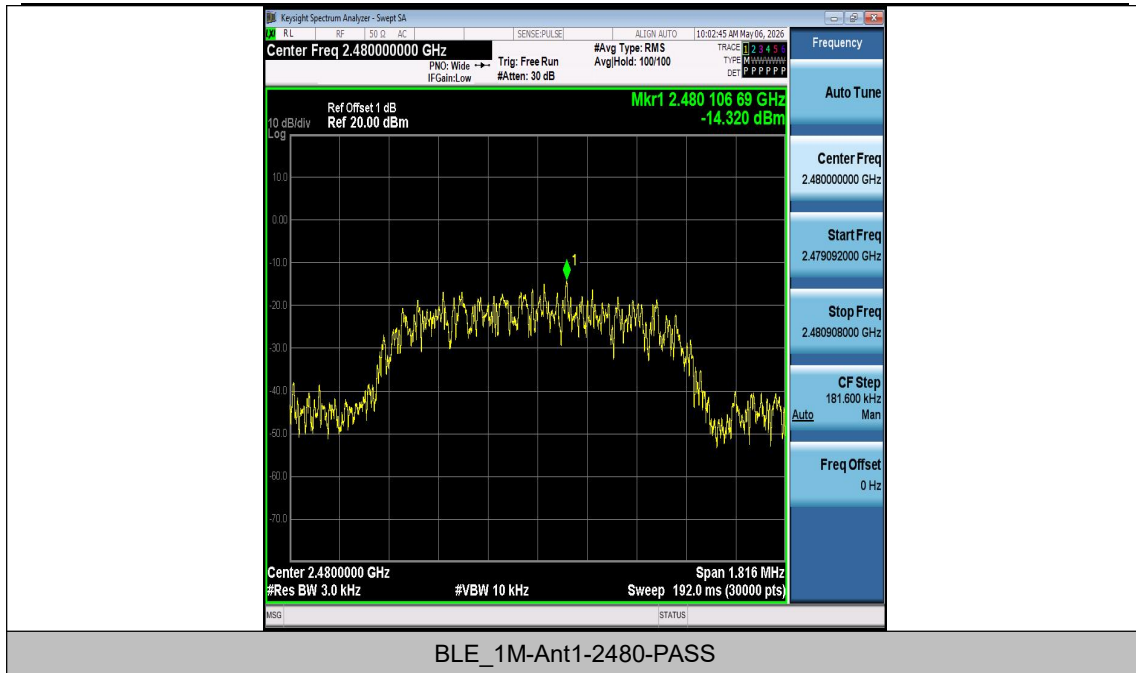
Test Graphs



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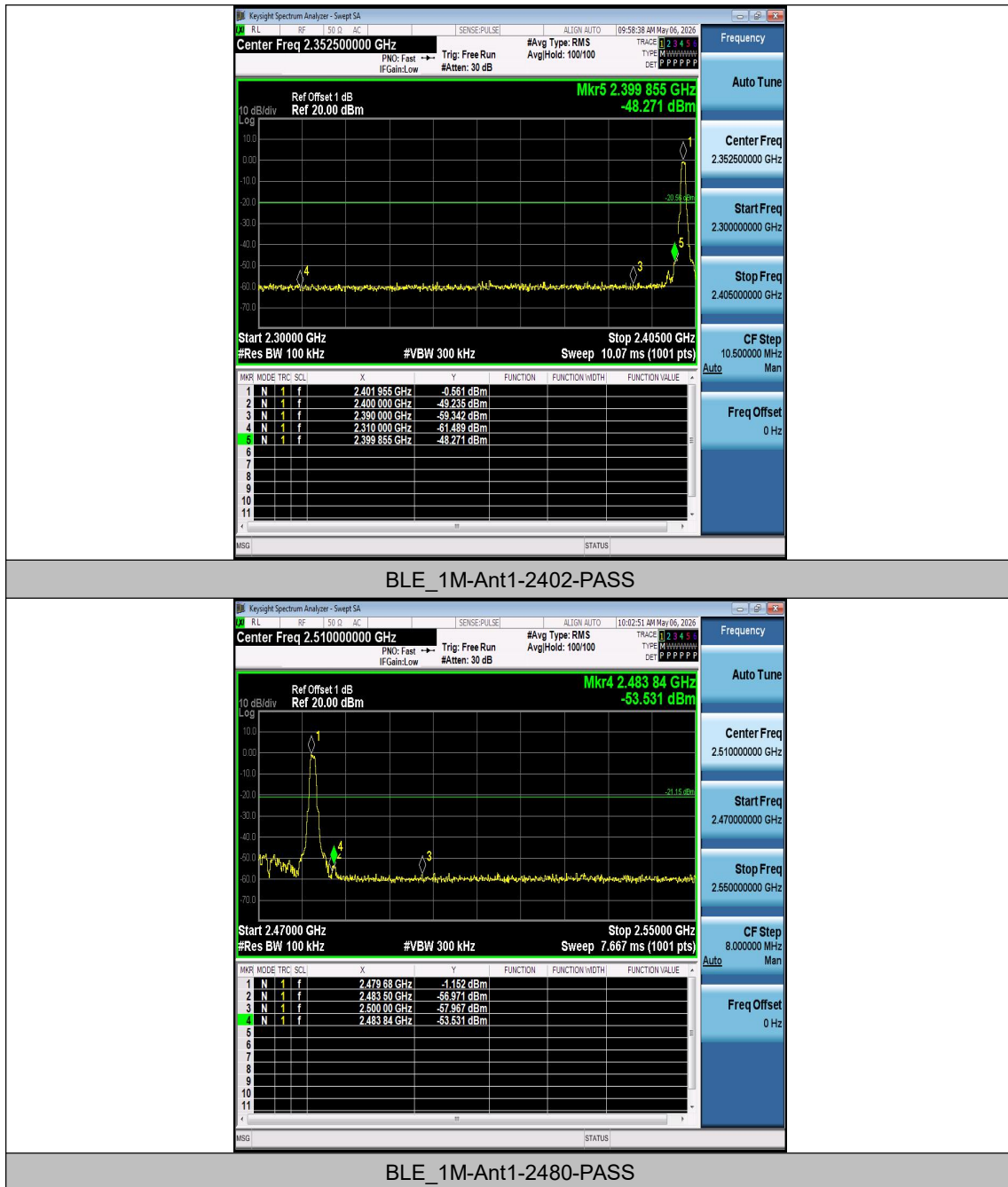
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-0.56	-48.27	≤-20.56	PASS
BLE_1M	Ant1	High	2480	-1.15	-53.53	≤-21.15	PASS

Test Graphs



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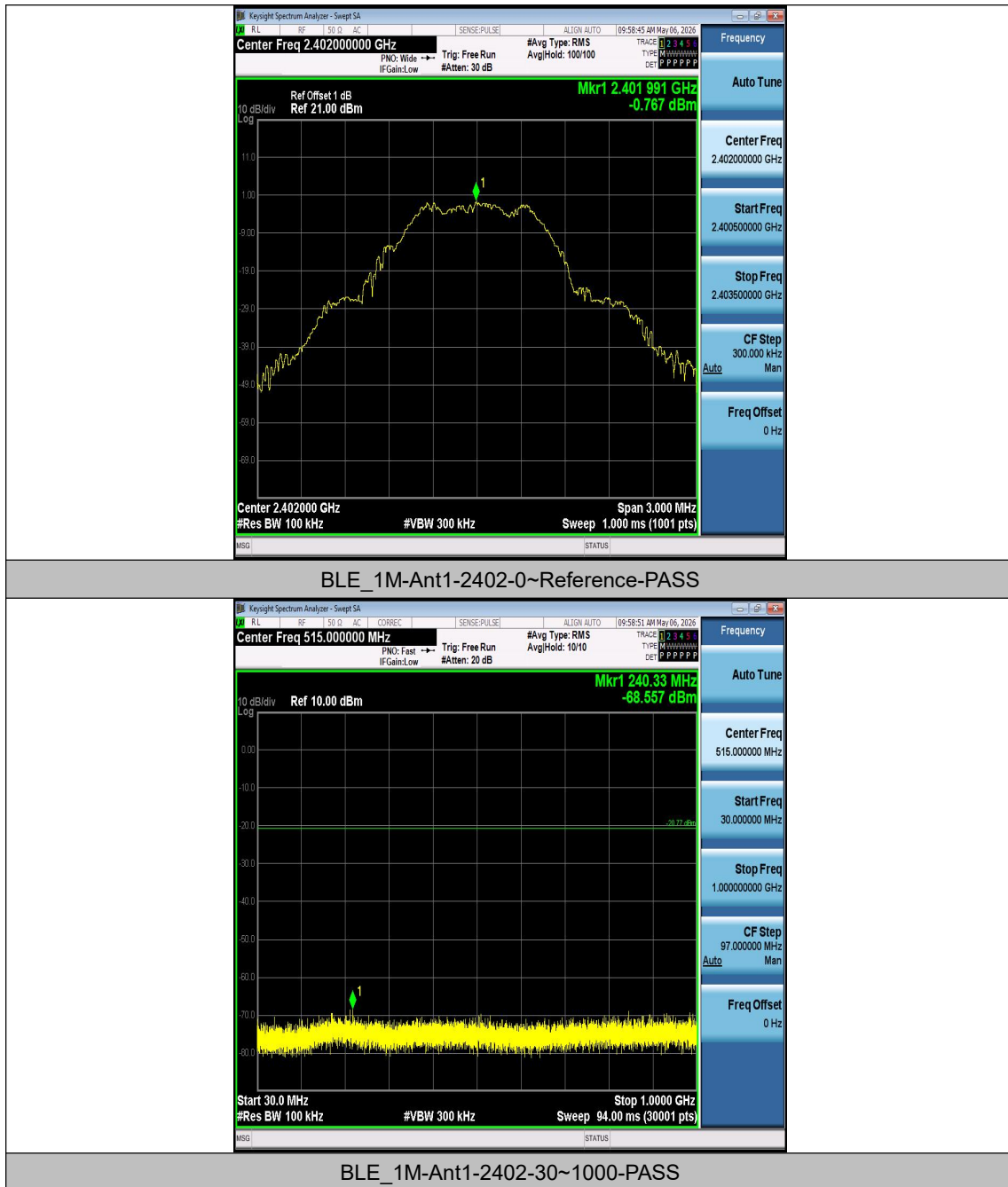
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-0.77	-0.77	---	PASS
BLE_1M	Ant1	2402	30~1000	-0.77	-68.56	≤-20.77	PASS
BLE_1M	Ant1	2402	1000~26500	-0.77	-36.21	≤-20.77	PASS
BLE_1M	Ant1	2440	0~Reference	-1.14	-1.14	---	PASS
BLE_1M	Ant1	2440	30~1000	-1.14	-68.76	≤-21.14	PASS
BLE_1M	Ant1	2440	1000~26500	-1.14	-35.74	≤-21.14	PASS
BLE_1M	Ant1	2480	0~Reference	-1.57	-1.57	---	PASS
BLE_1M	Ant1	2480	30~1000	-1.57	-68.87	≤-21.57	PASS
BLE_1M	Ant1	2480	1000~26500	-1.57	-36.2	≤-21.57	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.

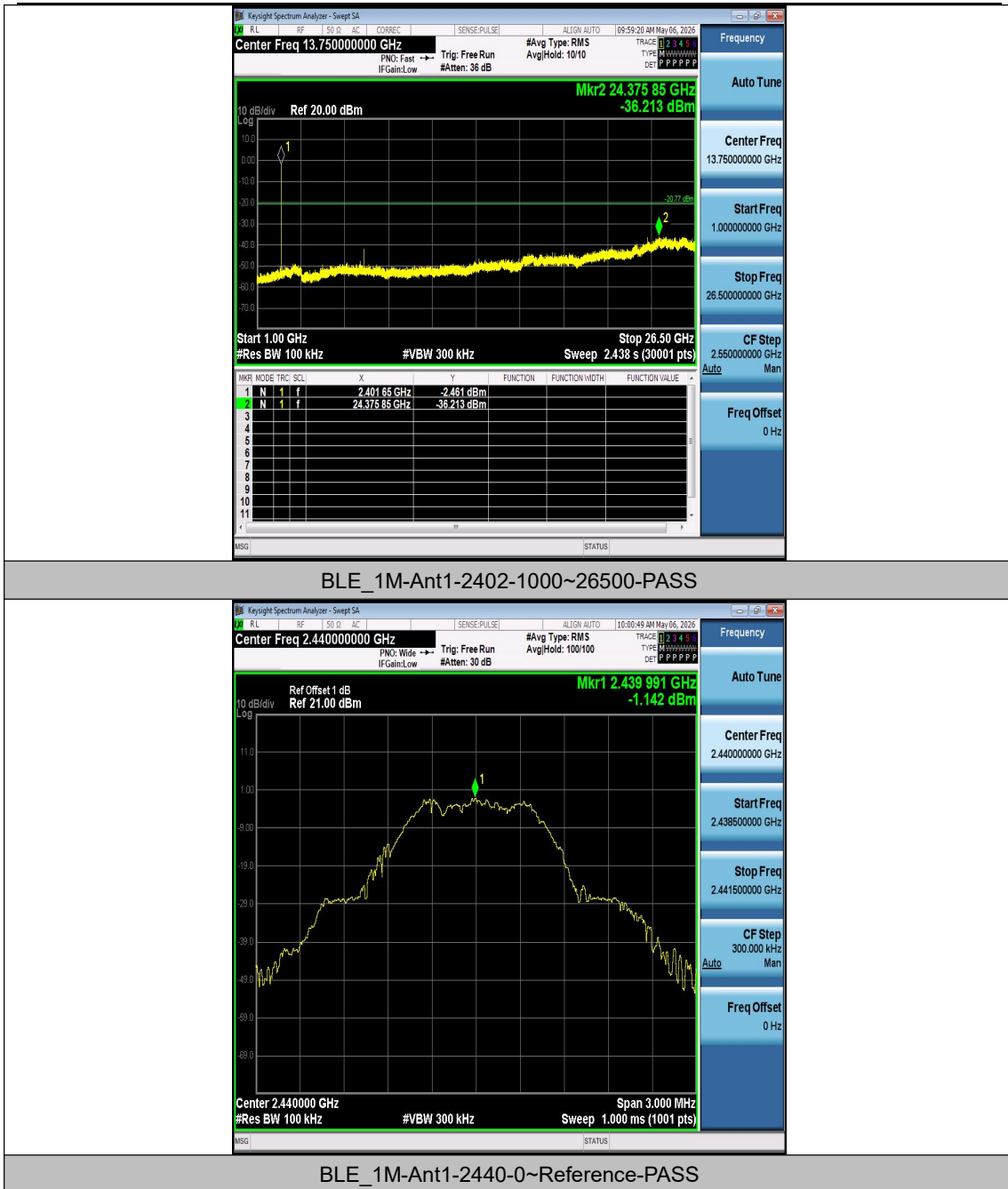
Test Graphs



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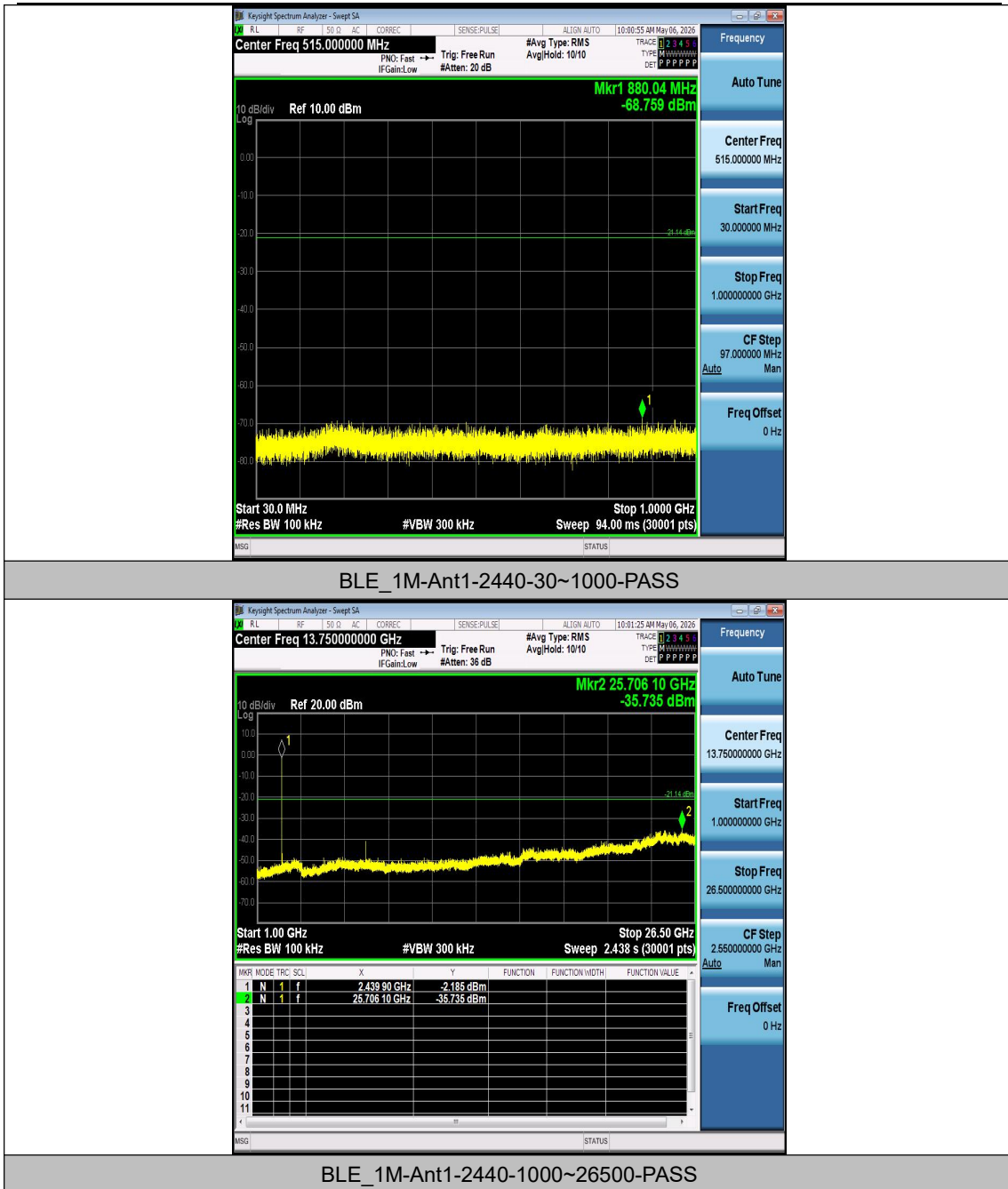
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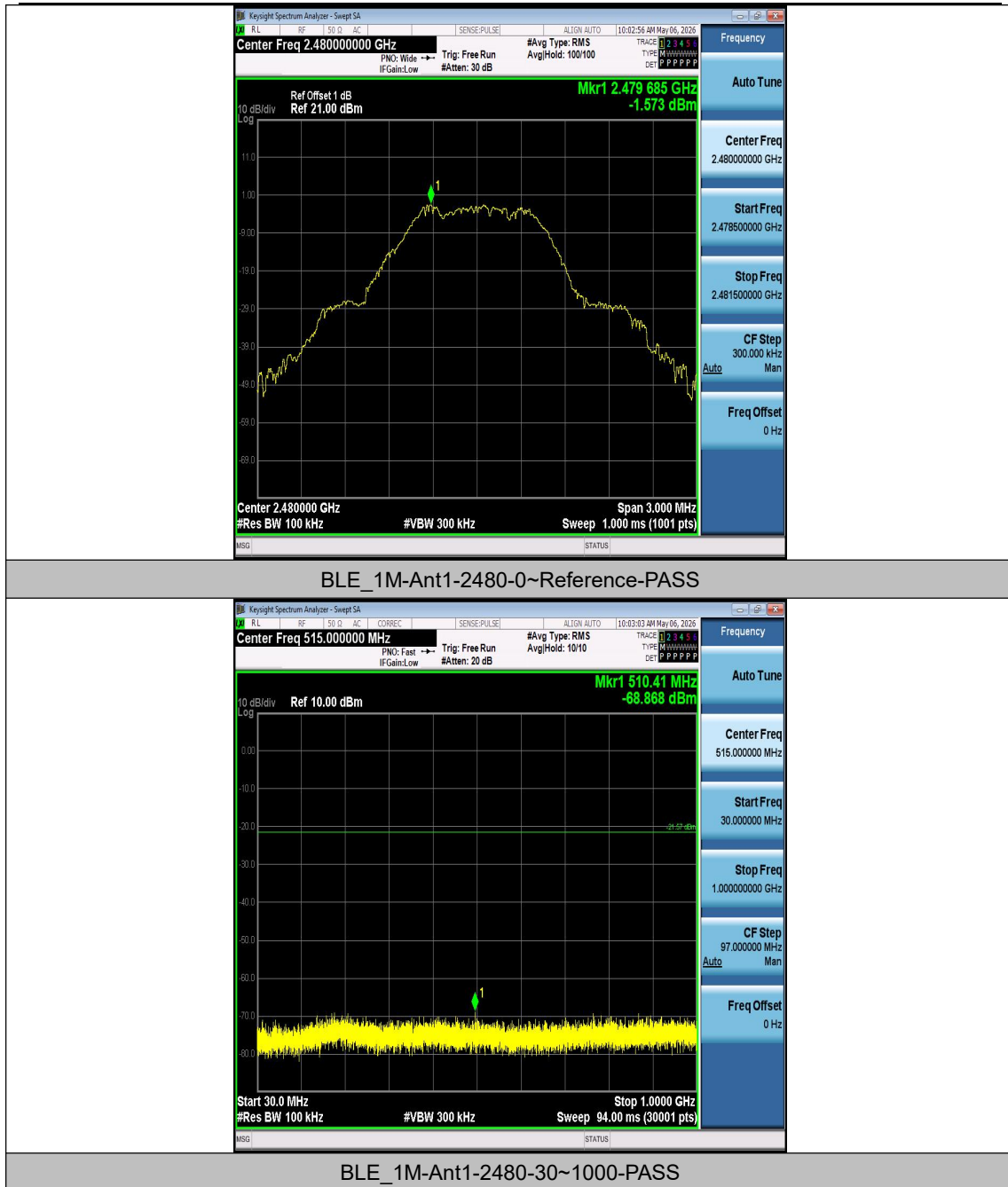
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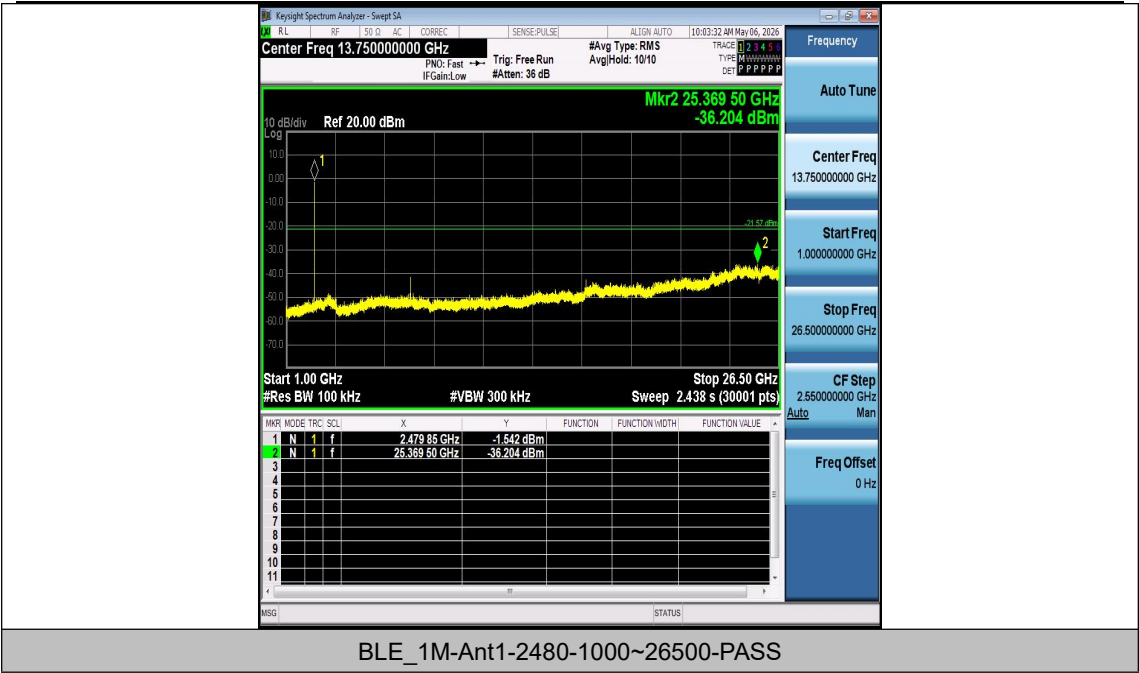
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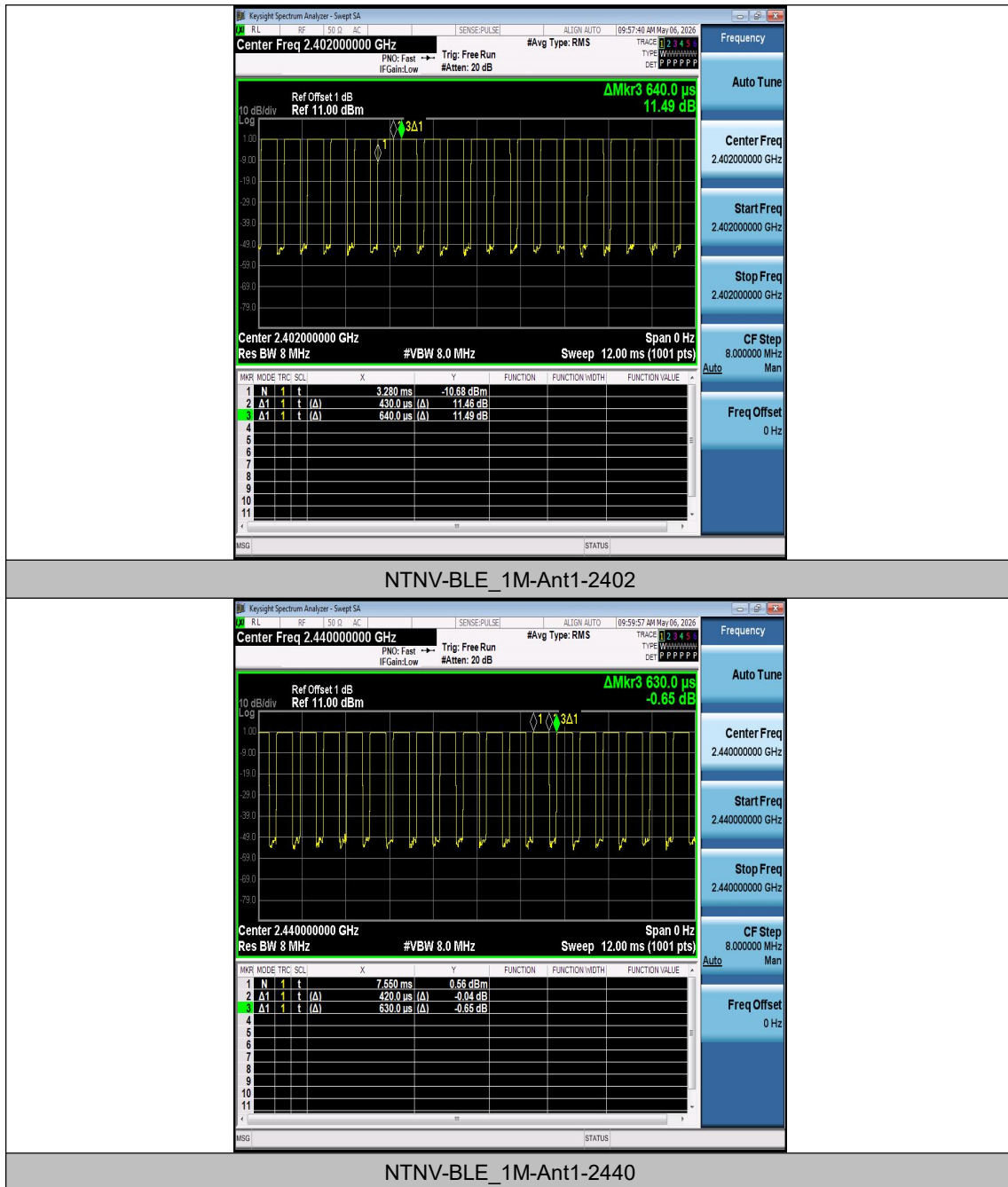
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Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	0.43	0.64	67.19	1.73
BLE_1M	Ant1	2440	0.42	0.63	66.67	1.76
BLE_1M	Ant1	2480	0.43	0.65	66.15	1.79

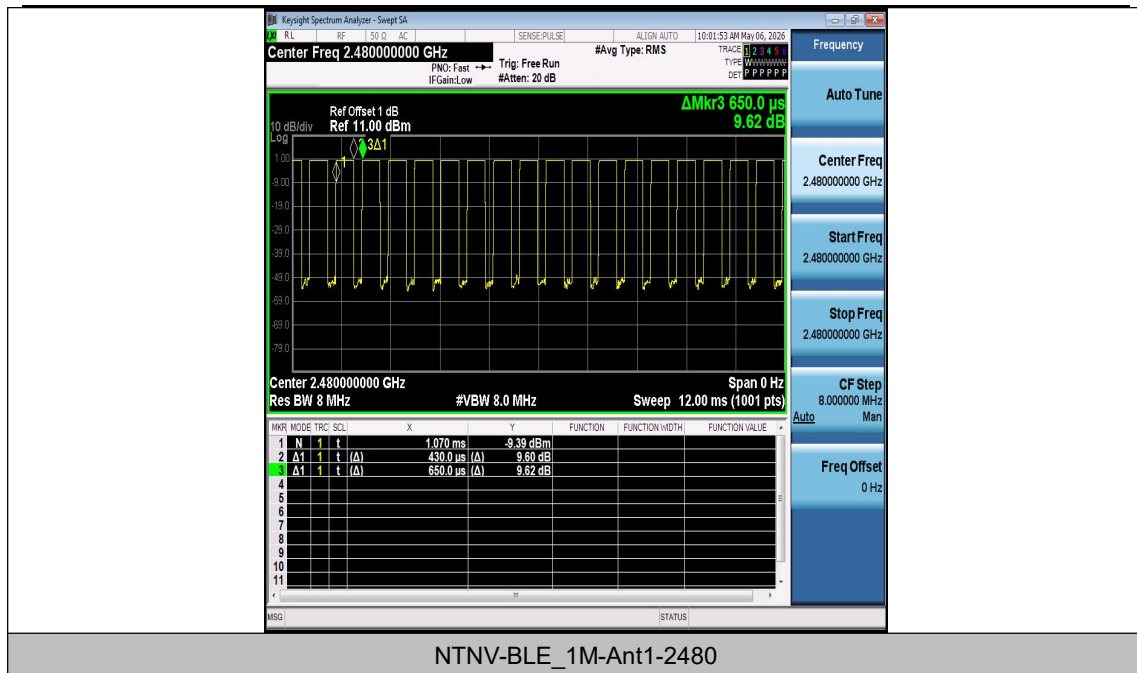
Test Graphs



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