

Appendix Test Data

Report No.:	1812C60352512501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-7-10	Finish Test Date:	2026-7-15
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	23.8℃	Relative Humidity:	60%
Pressure:	99.9kPa		



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	0.716	2401.652	2402.368	0.5	PASS
BLE_1M	Ant1	2440	0.704	2439.656	2440.360	0.5	PASS
BLE_1M	Ant1	2480	0.672	2479.688	2480.360	0.5	PASS

Test Graphs



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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	1.0411	2401.5019	2402.5430	---	---
BLE_1M	Ant1	2440	1.0464	2439.5042	2440.5506	---	---
BLE_1M	Ant1	2480	1.0616	2479.4947	2480.5563	---	---

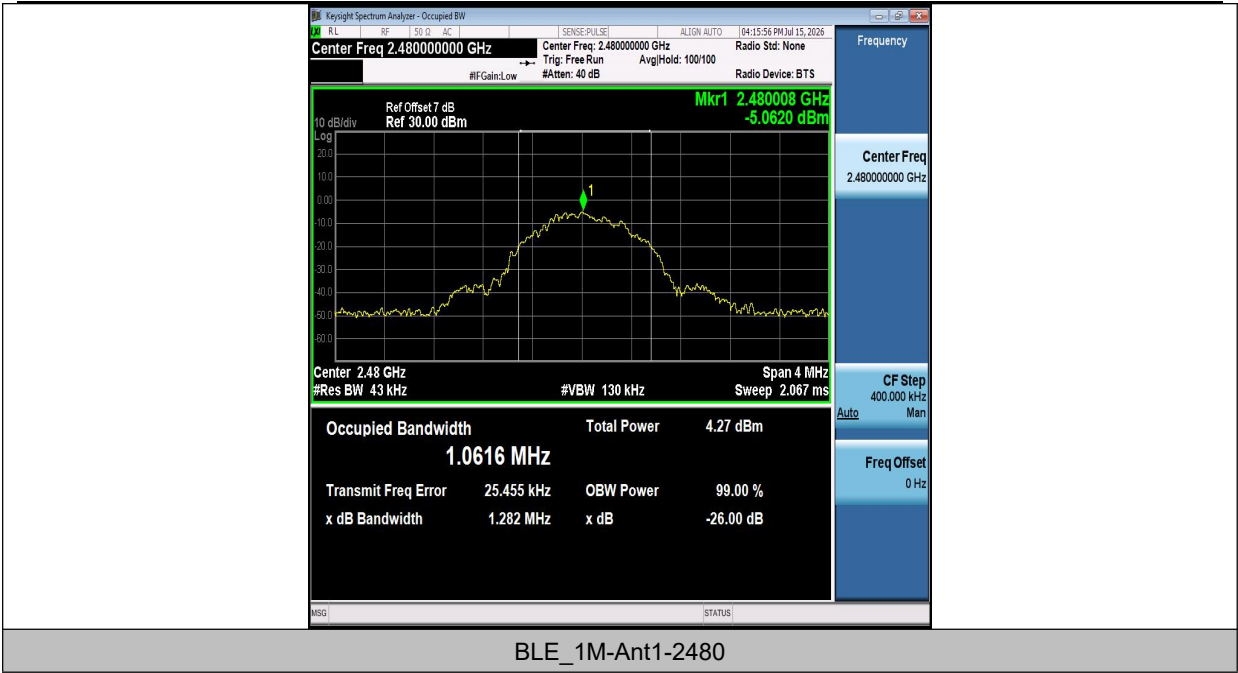
Test Graphs



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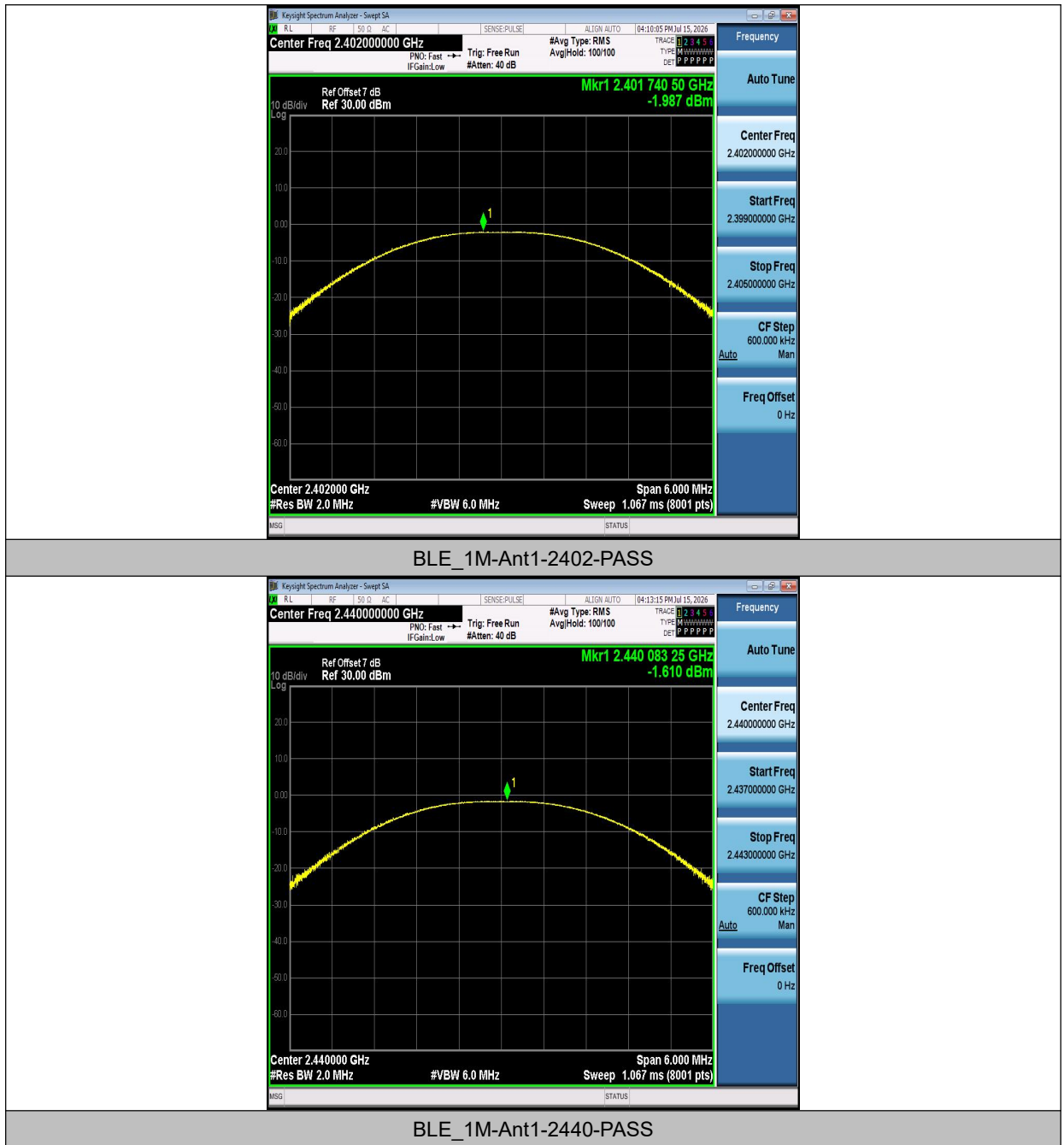
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Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-1.99	≤30	PASS
BLE_1M	Ant1	2440	-1.61	≤30	PASS
BLE_1M	Ant1	2480	-1.17	≤30	PASS

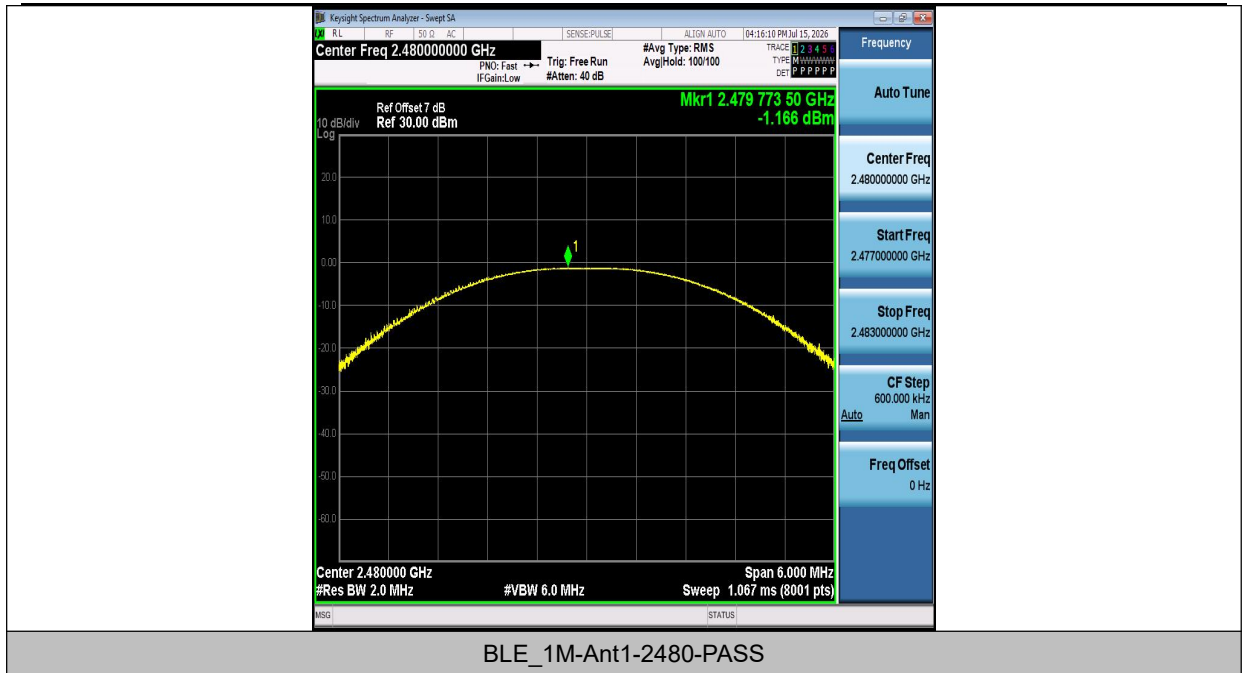
Test Graphs Peak



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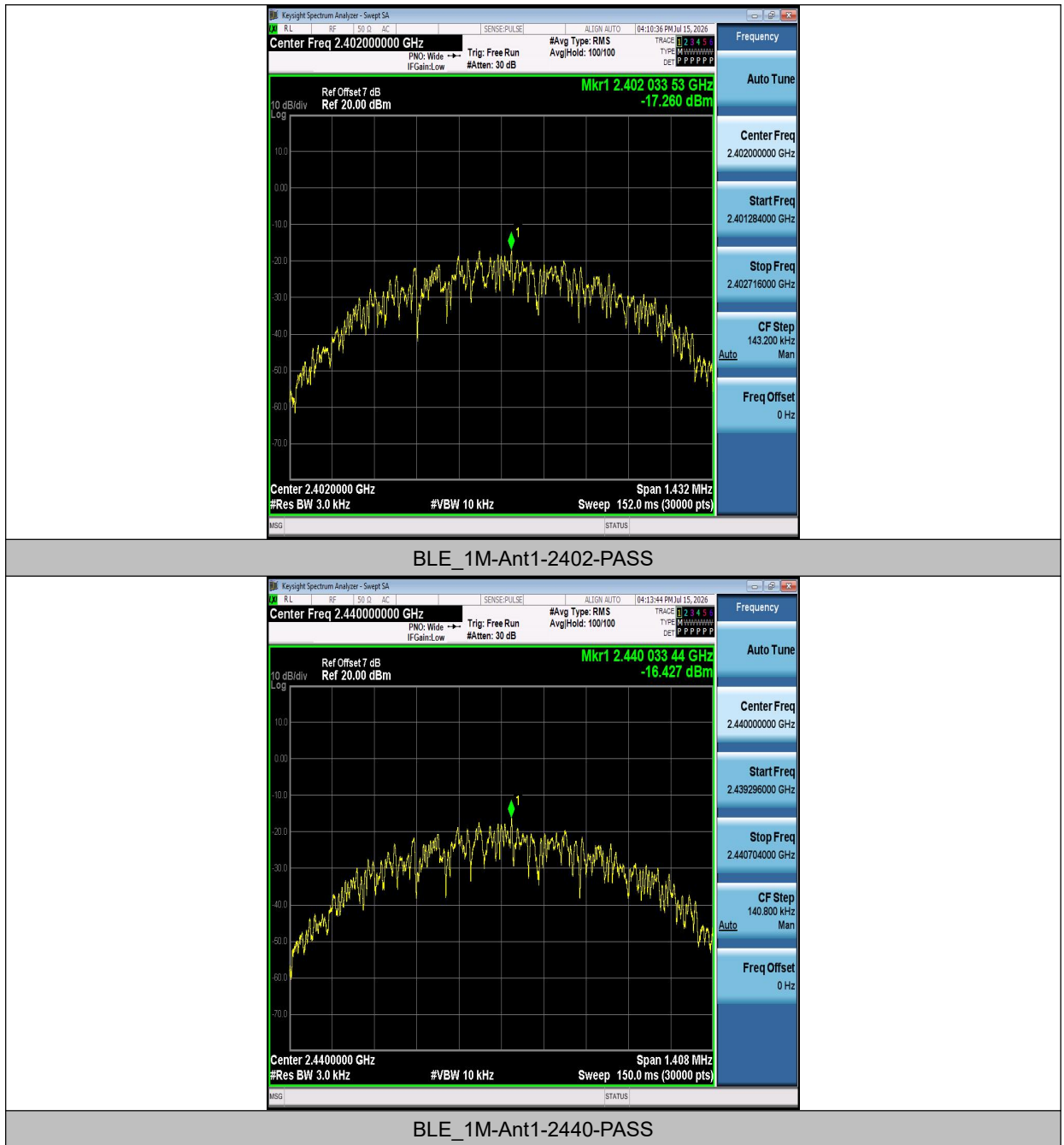
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-17.26	≤8.00	PASS
BLE_1M	Ant1	2440	-16.43	≤8.00	PASS
BLE_1M	Ant1	2480	-16.00	≤8.00	PASS

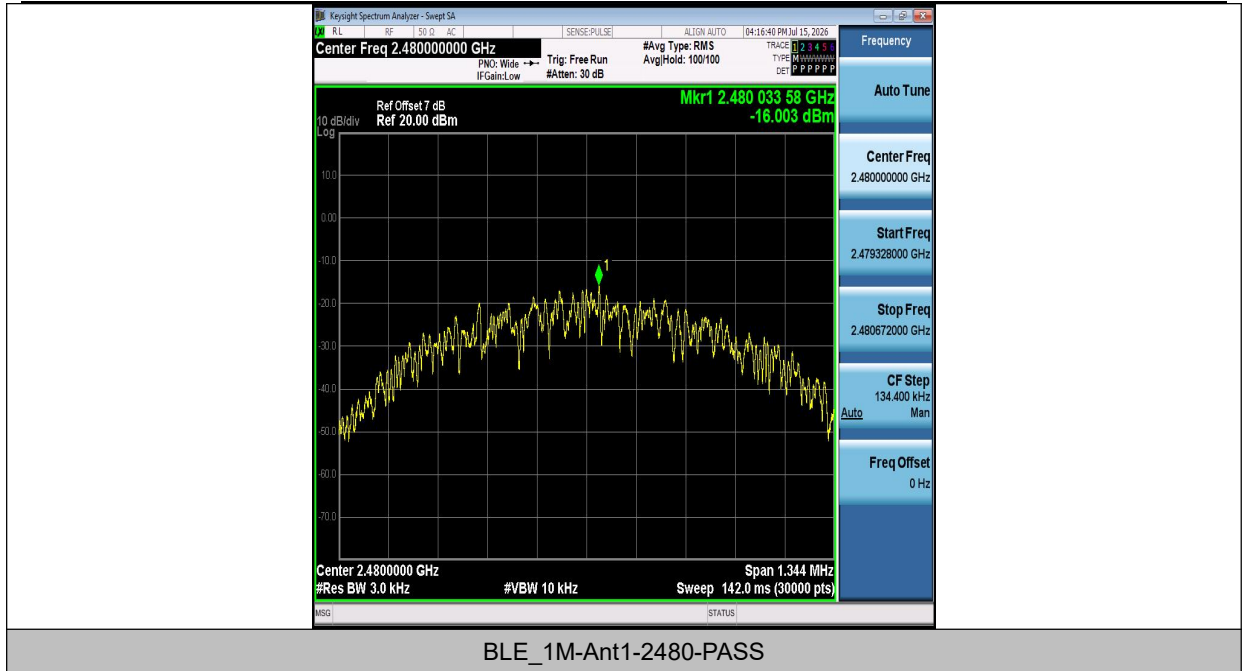
Test Graphs



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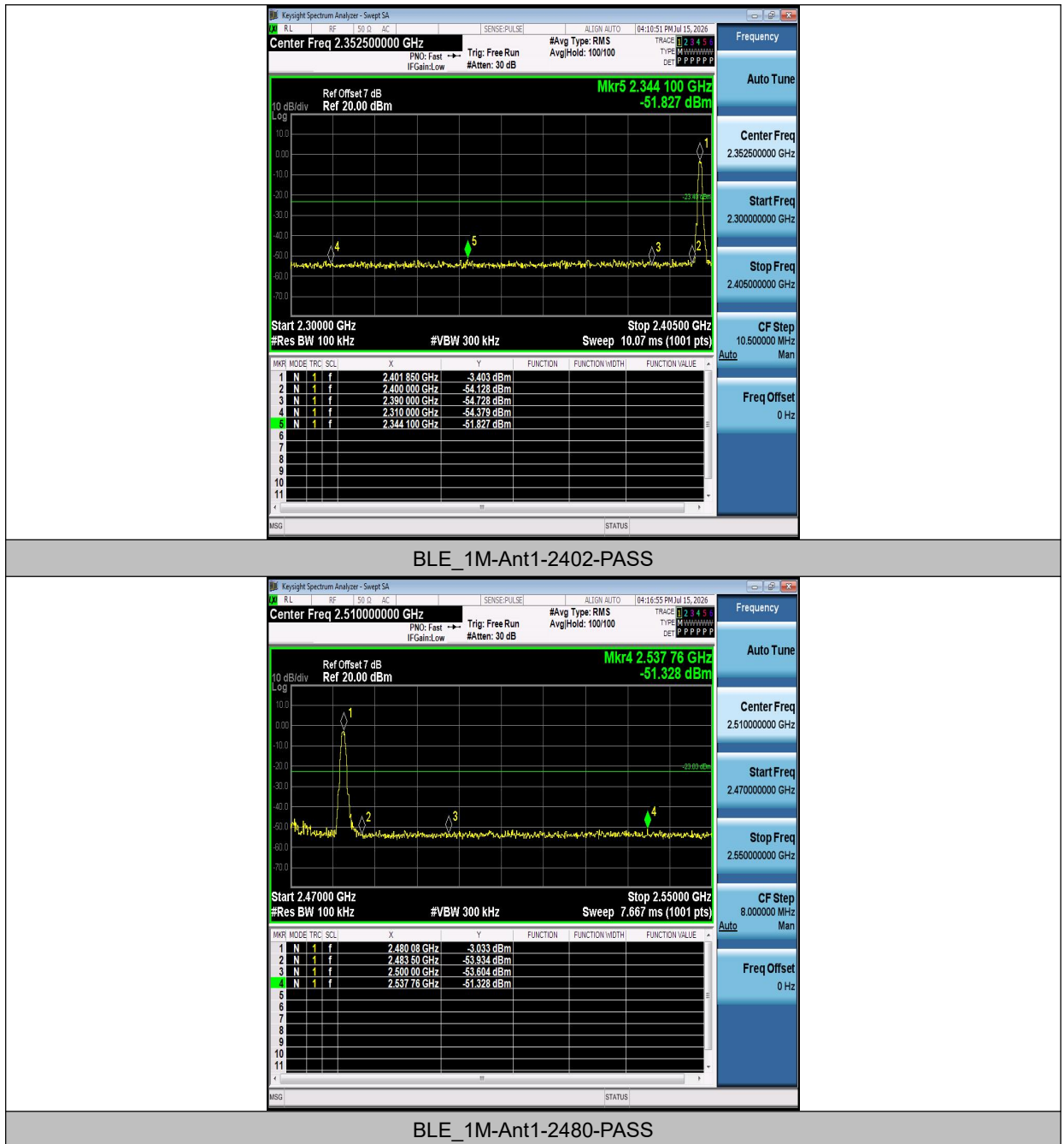
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-3.40	-51.83	≤-23.4	PASS
BLE_1M	Ant1	High	2480	-3.03	-51.33	≤-23.03	PASS

Test Graphs



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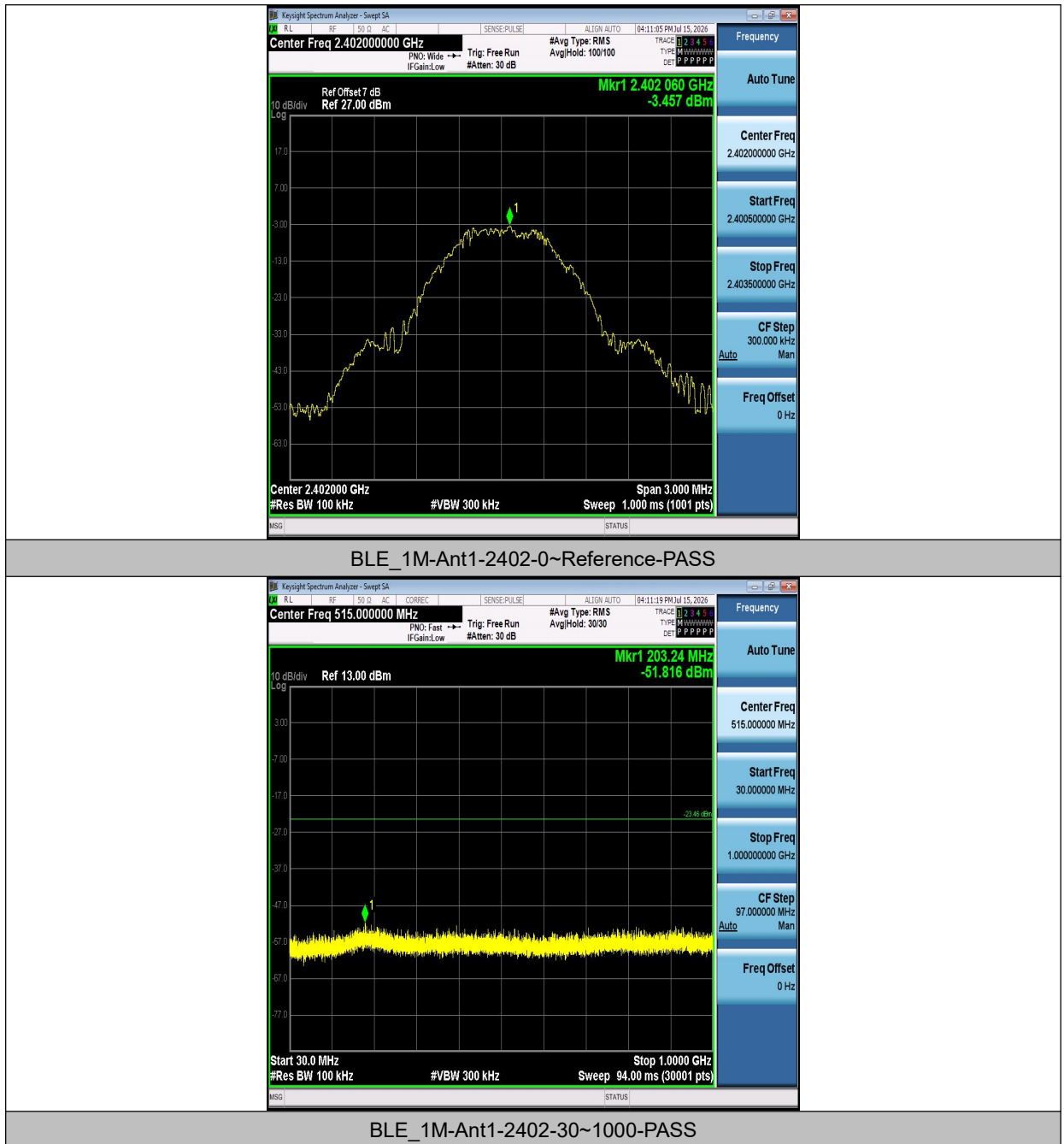
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-3.46	-3.46	---	PASS
BLE_1M	Ant1	2402	30~1000	-3.46	-51.82	≤-23.46	PASS
BLE_1M	Ant1	2402	1000~26500	-3.46	-37.22	≤-23.46	PASS
BLE_1M	Ant1	2440	0~Reference	-3.20	-3.20	---	PASS
BLE_1M	Ant1	2440	30~1000	-3.20	-51.78	≤-23.2	PASS
BLE_1M	Ant1	2440	1000~26500	-3.20	-37.67	≤-23.2	PASS
BLE_1M	Ant1	2480	0~Reference	-2.75	-2.75	---	PASS
BLE_1M	Ant1	2480	30~1000	-2.75	-52.47	≤-22.75	PASS
BLE_1M	Ant1	2480	1000~26500	-2.75	-36.81	≤-22.75	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.

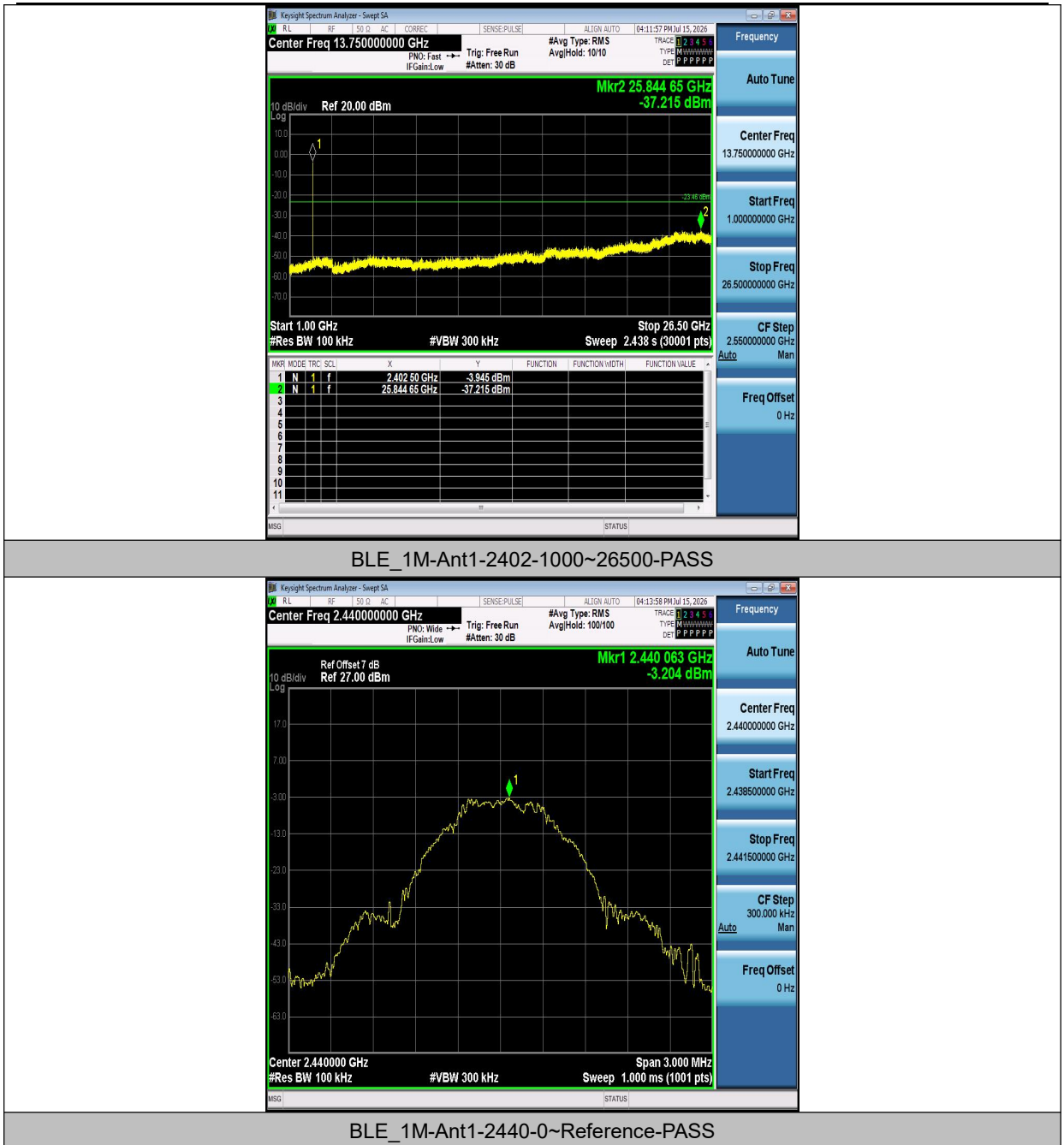
Test Graphs



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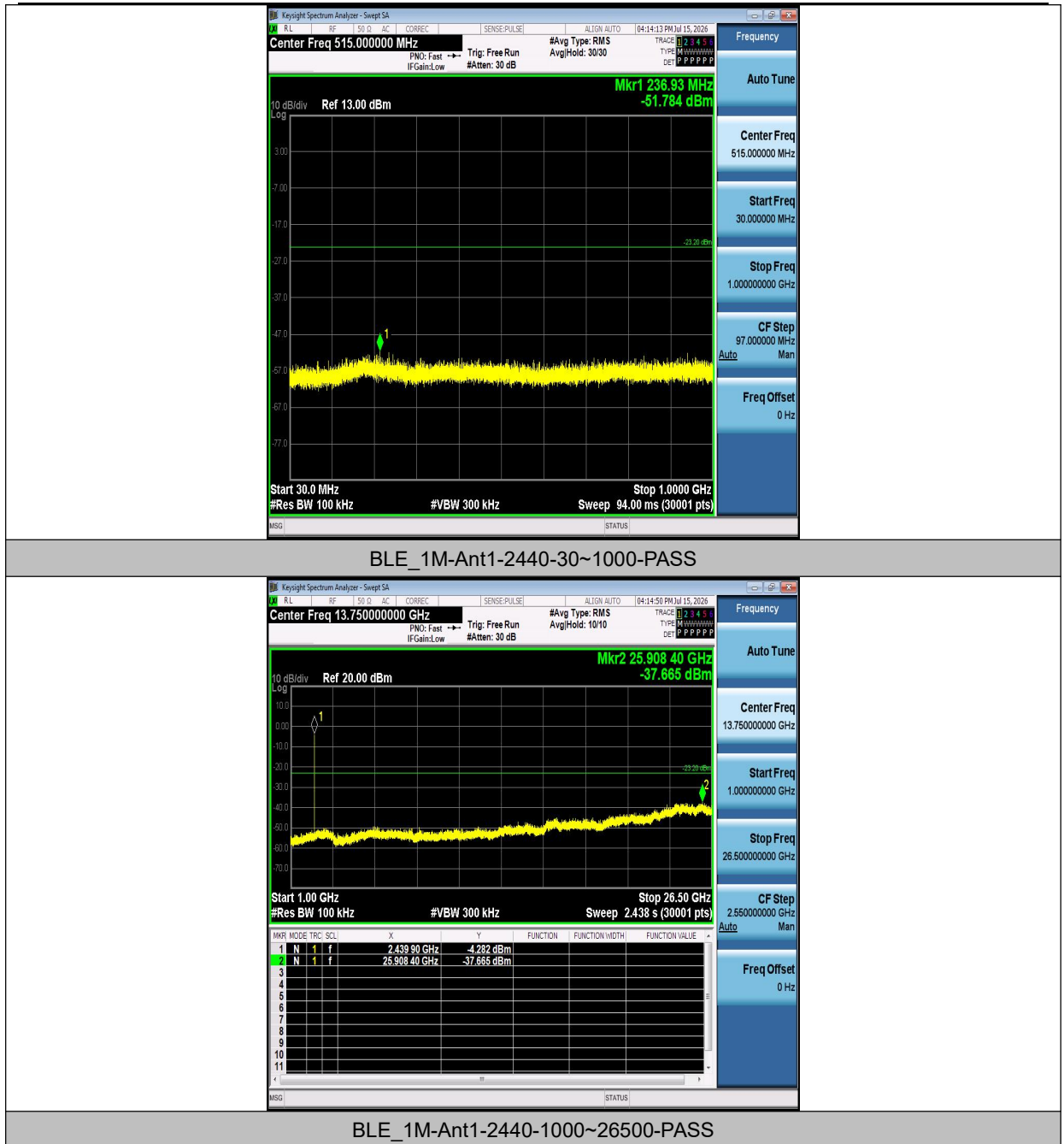
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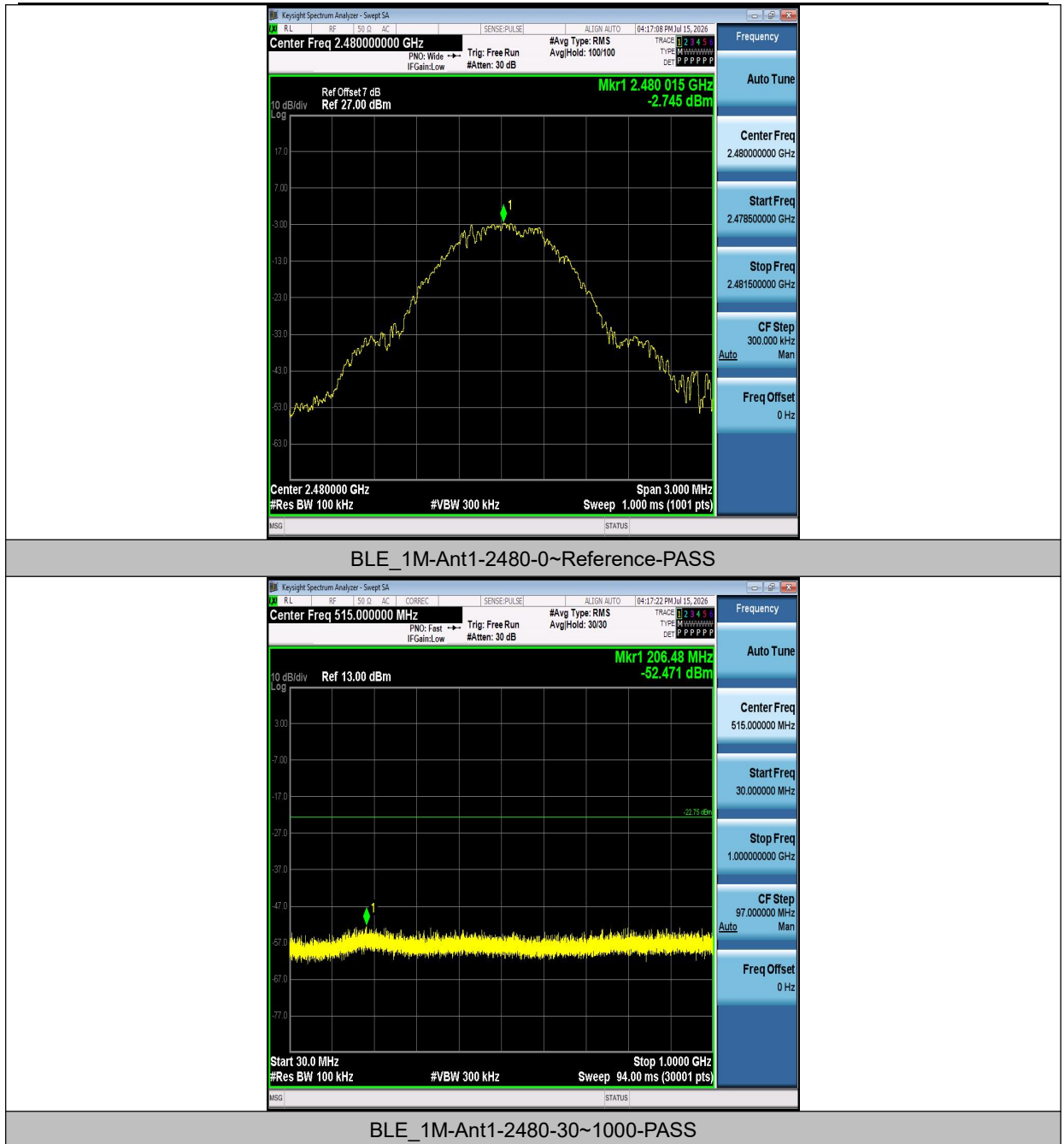
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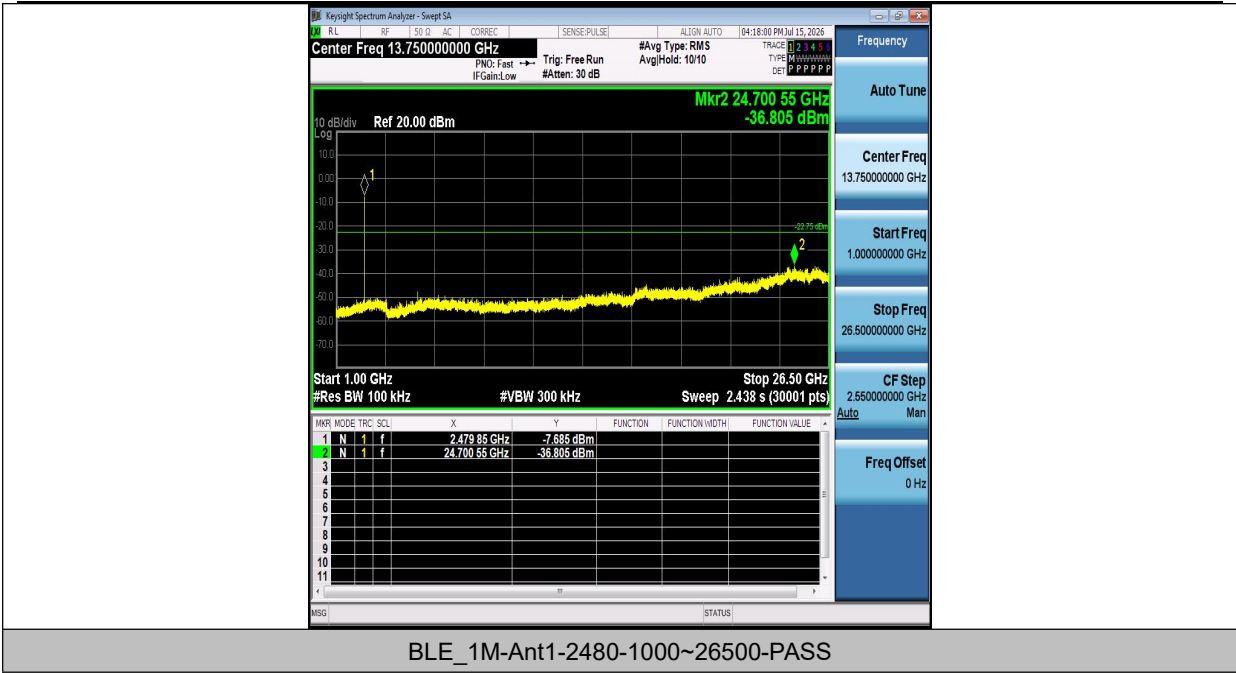
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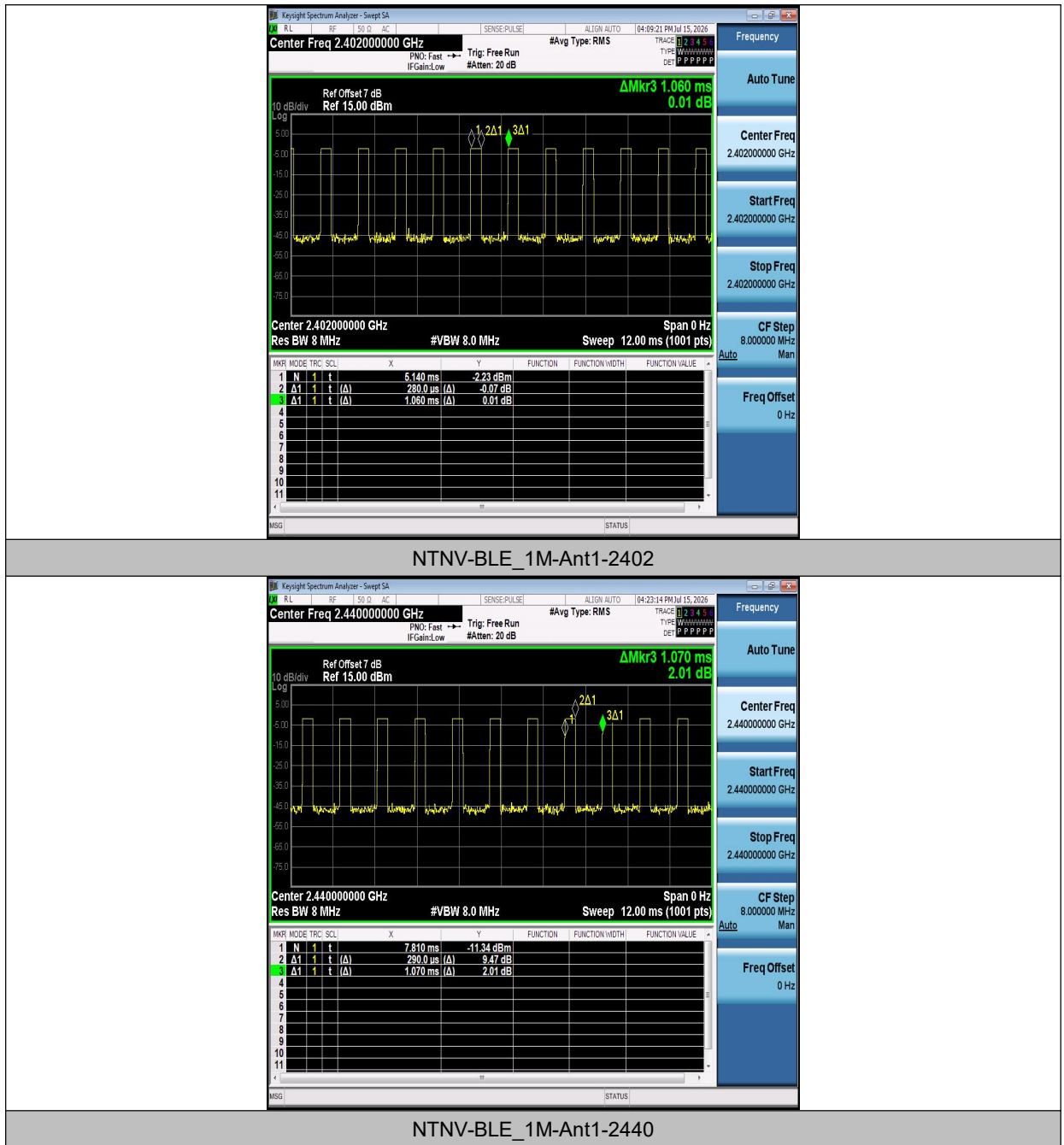
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Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	0.28	1.06	26.42	5.78
BLE_1M	Ant1	2440	0.29	1.07	27.10	5.67
BLE_1M	Ant1	2480	0.29	1.07	27.10	5.67

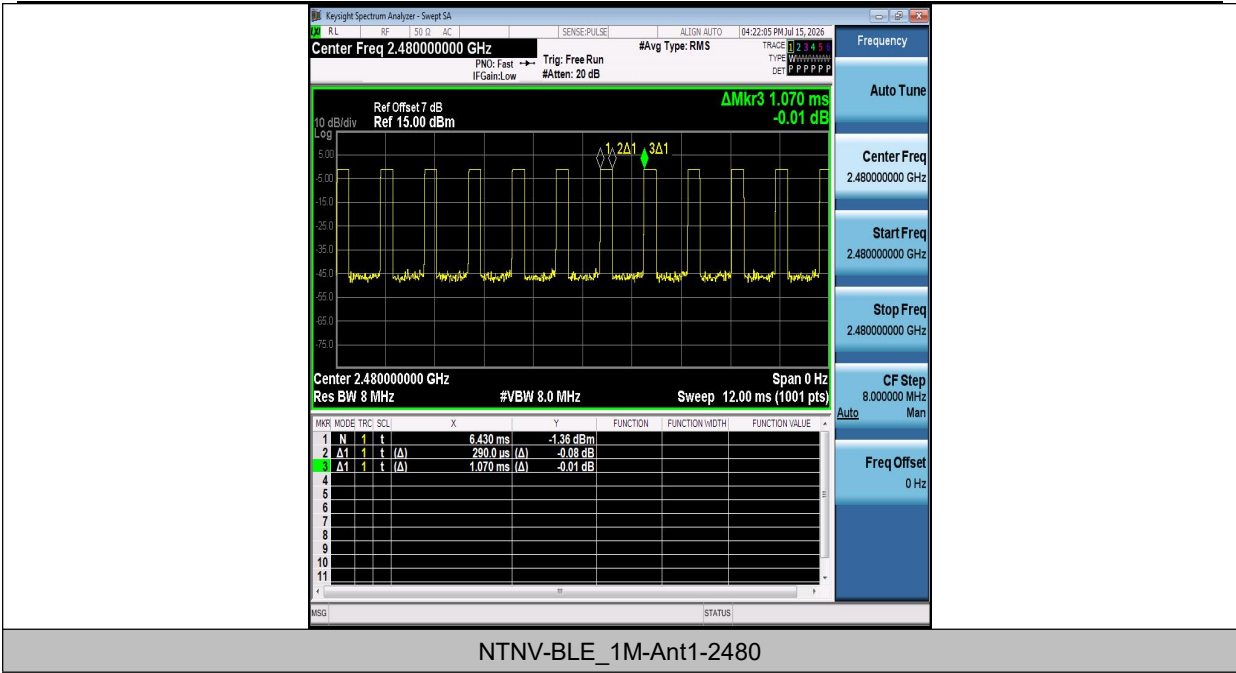
Test Graphs



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