

Appendix Test Data

Report No.:	1812C60268512501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-5-15	Finish Test Date:	2026-5-19
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	25.2°C	Relative Humidity:	70%
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	0.664	2401.696	2402.360	0.5	PASS
BLE_1M	Ant1	2440	0.668	2439.676	2440.344	0.5	PASS
BLE_1M	Ant1	2480	0.688	2479.684	2480.372	0.5	PASS

Test Graphs



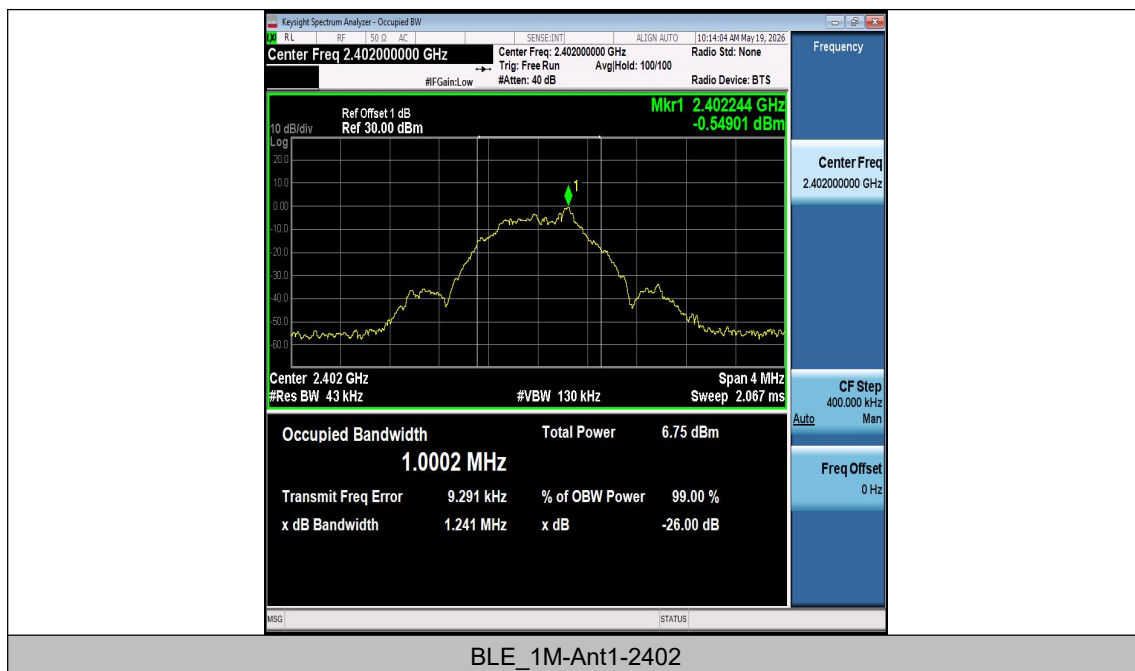


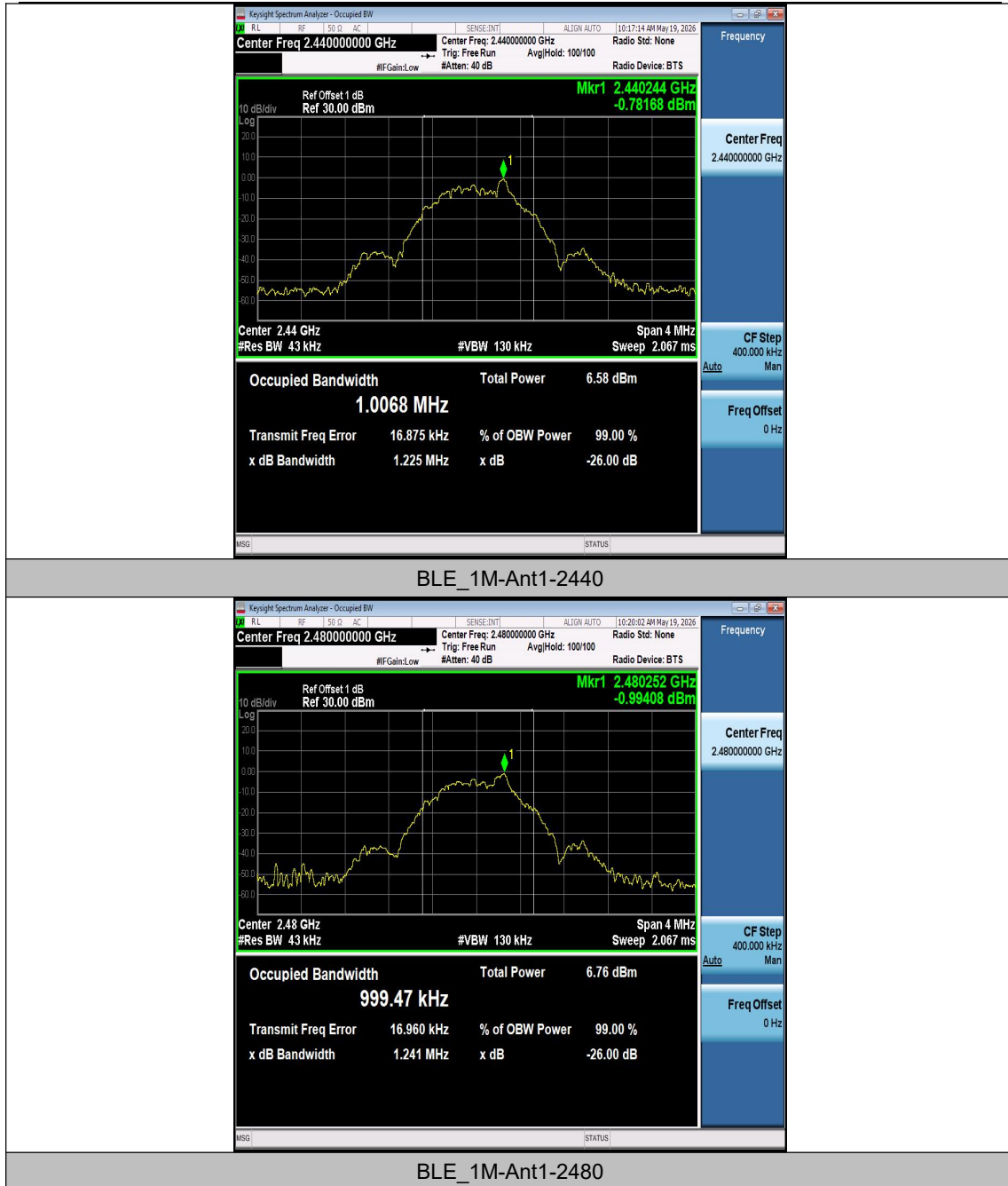
Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0002	2401.5092	2402.5094	---	---
BLE_1M	Ant1	2440	1.0068	2439.5135	2440.5203	---	---
BLE_1M	Ant1	2480	0.99947	2479.5172	2480.5167	---	---

Test Graphs





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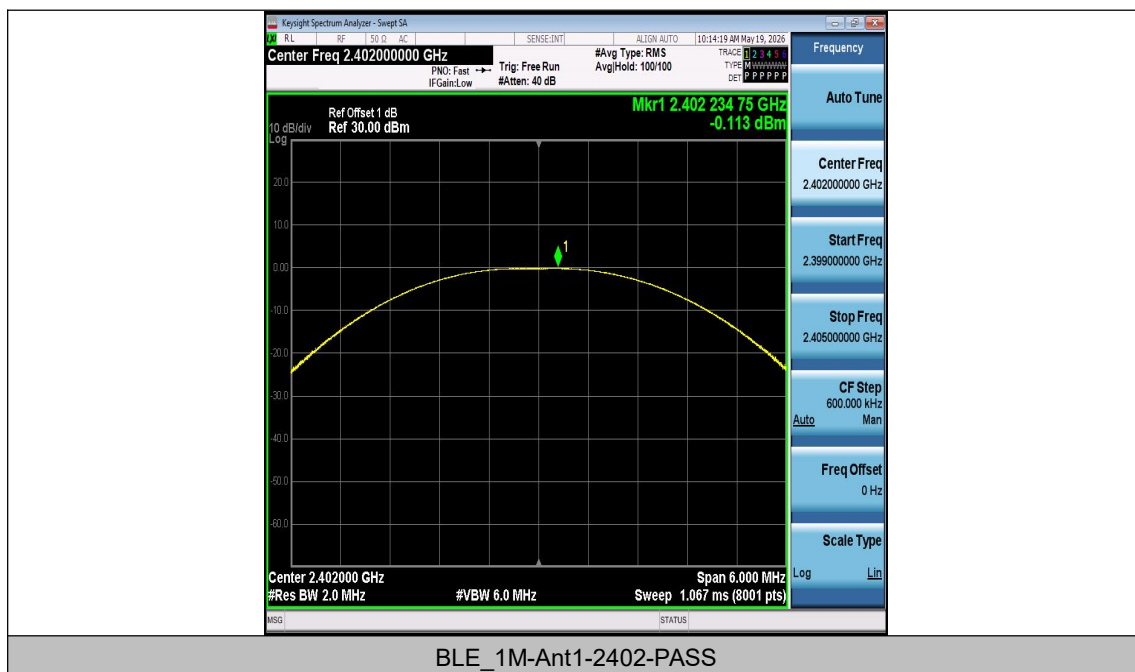
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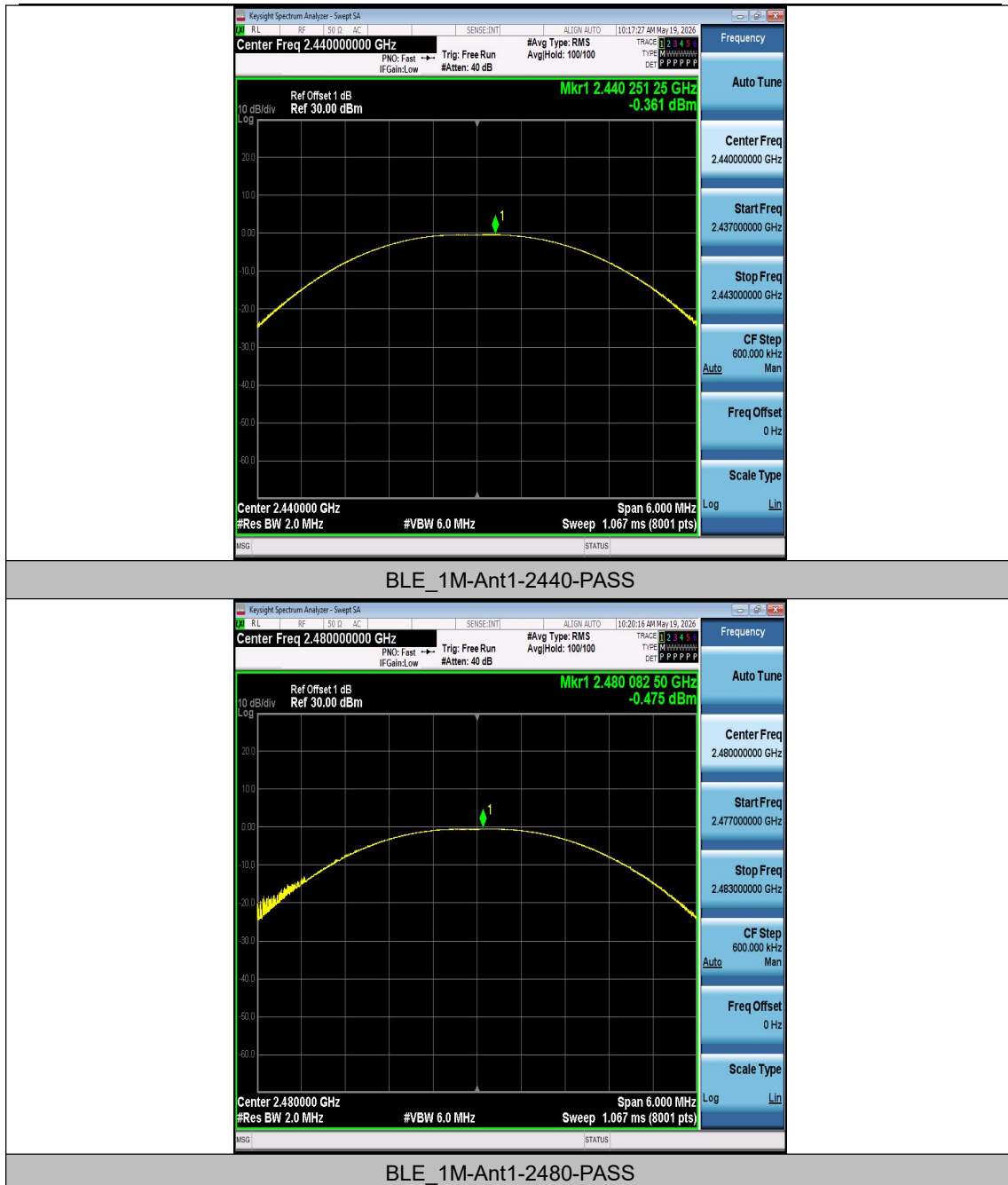
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-0.11	≤30	PASS
BLE_1M	Ant1	2440	-0.36	≤30	PASS
BLE_1M	Ant1	2480	-0.48	≤30	PASS

Test Graphs Peak





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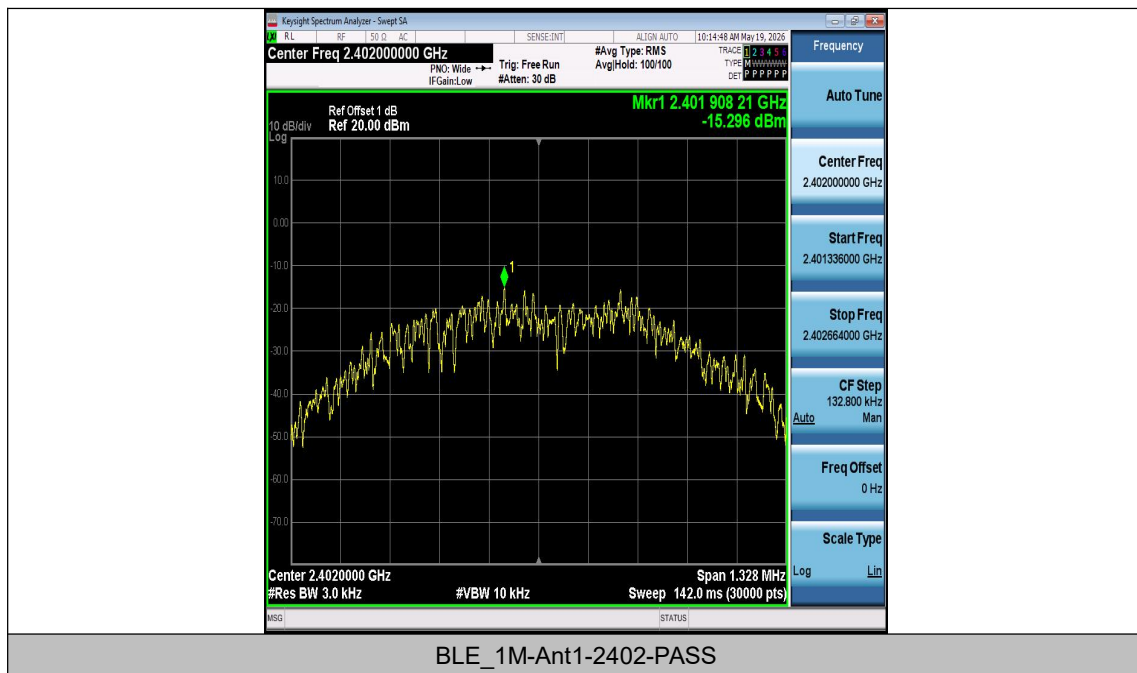
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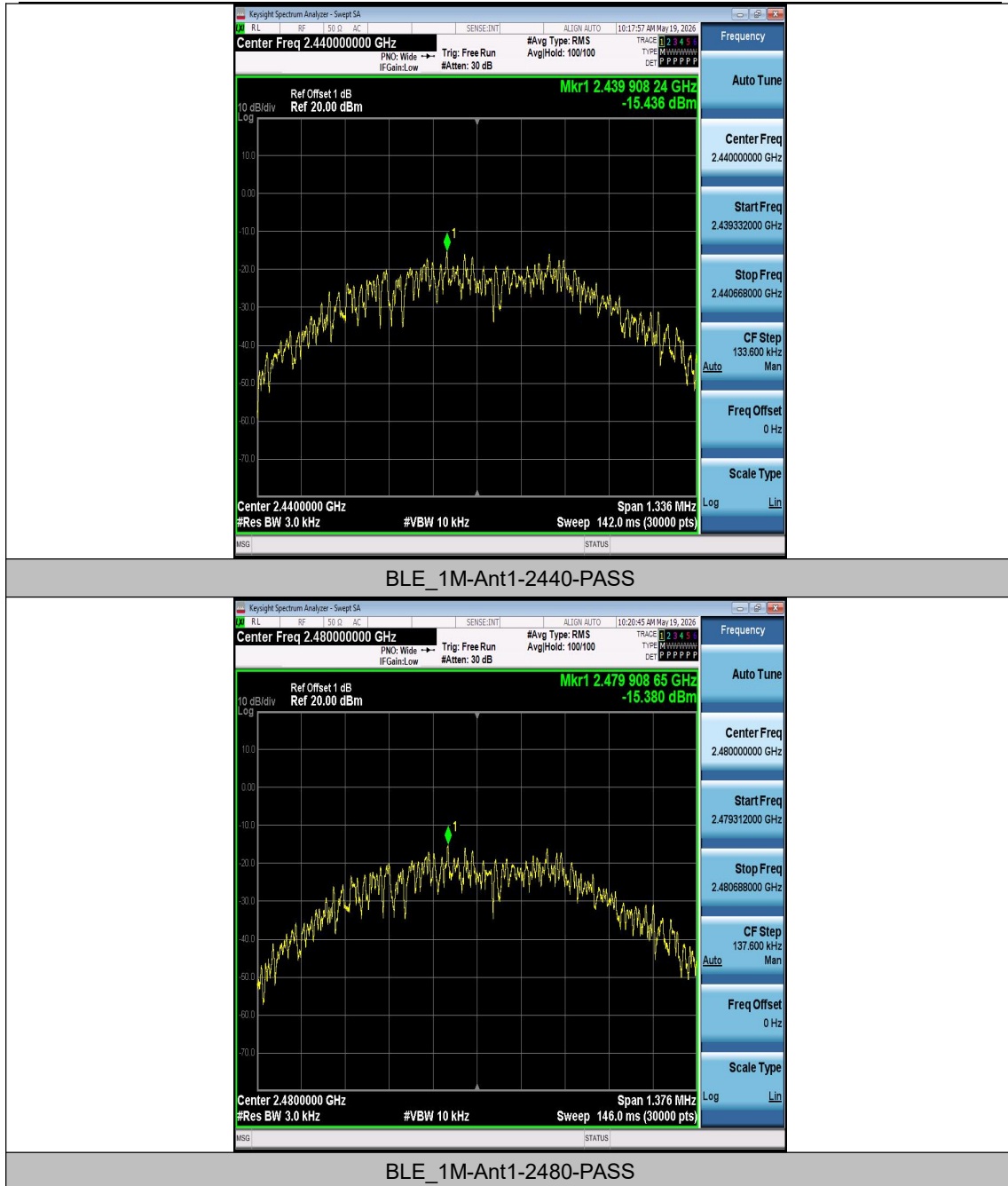
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-15.30	≤8.00	PASS
BLE_1M	Ant1	2440	-15.44	≤8.00	PASS
BLE_1M	Ant1	2480	-15.38	≤8.00	PASS

Test Graphs





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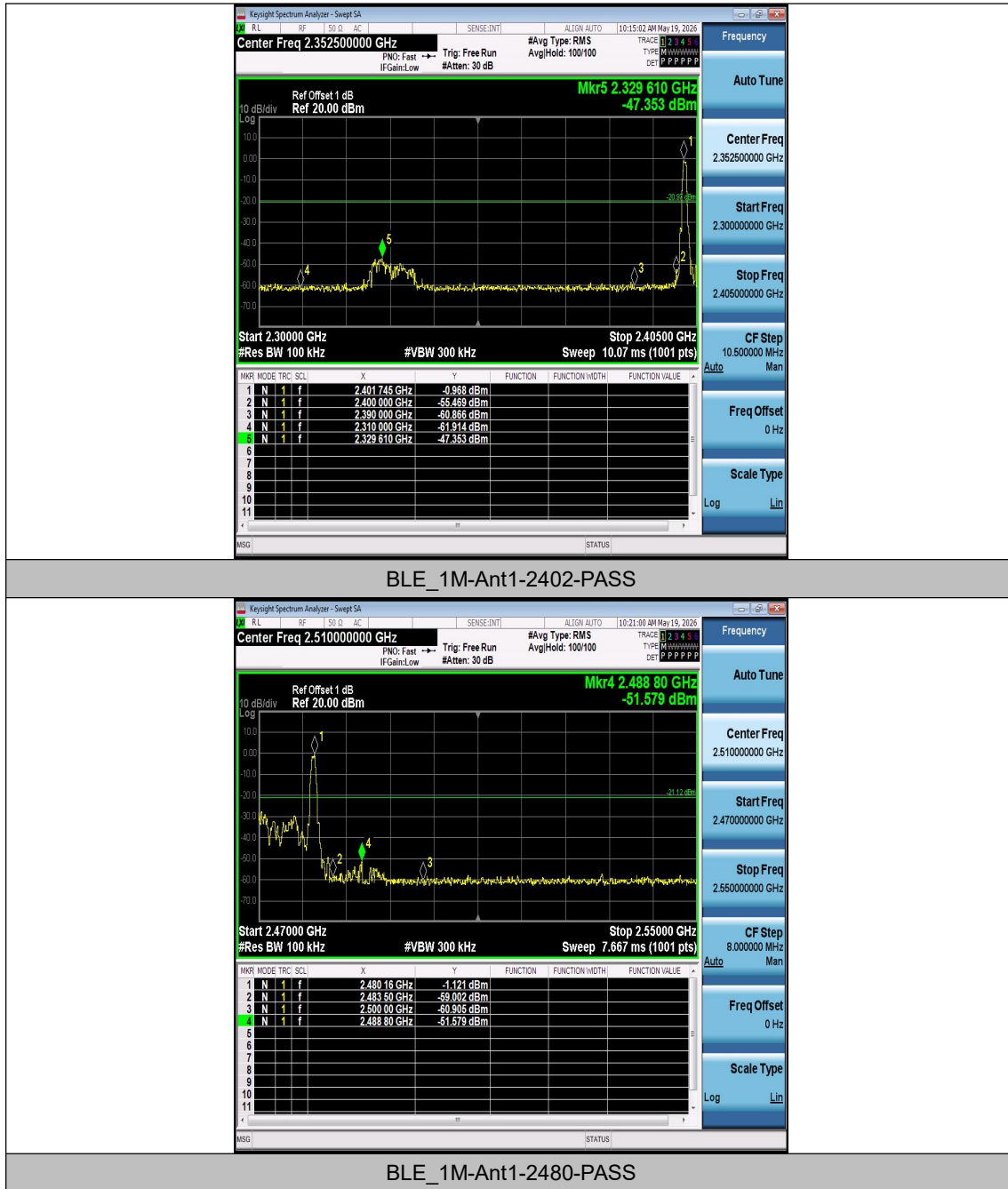
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-0.97	-47.35	≤-20.97	PASS
BLE_1M	Ant1	High	2480	-1.12	-51.58	≤-21.12	PASS

Test Graphs



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Appendix F: Conducted Spurious Emission

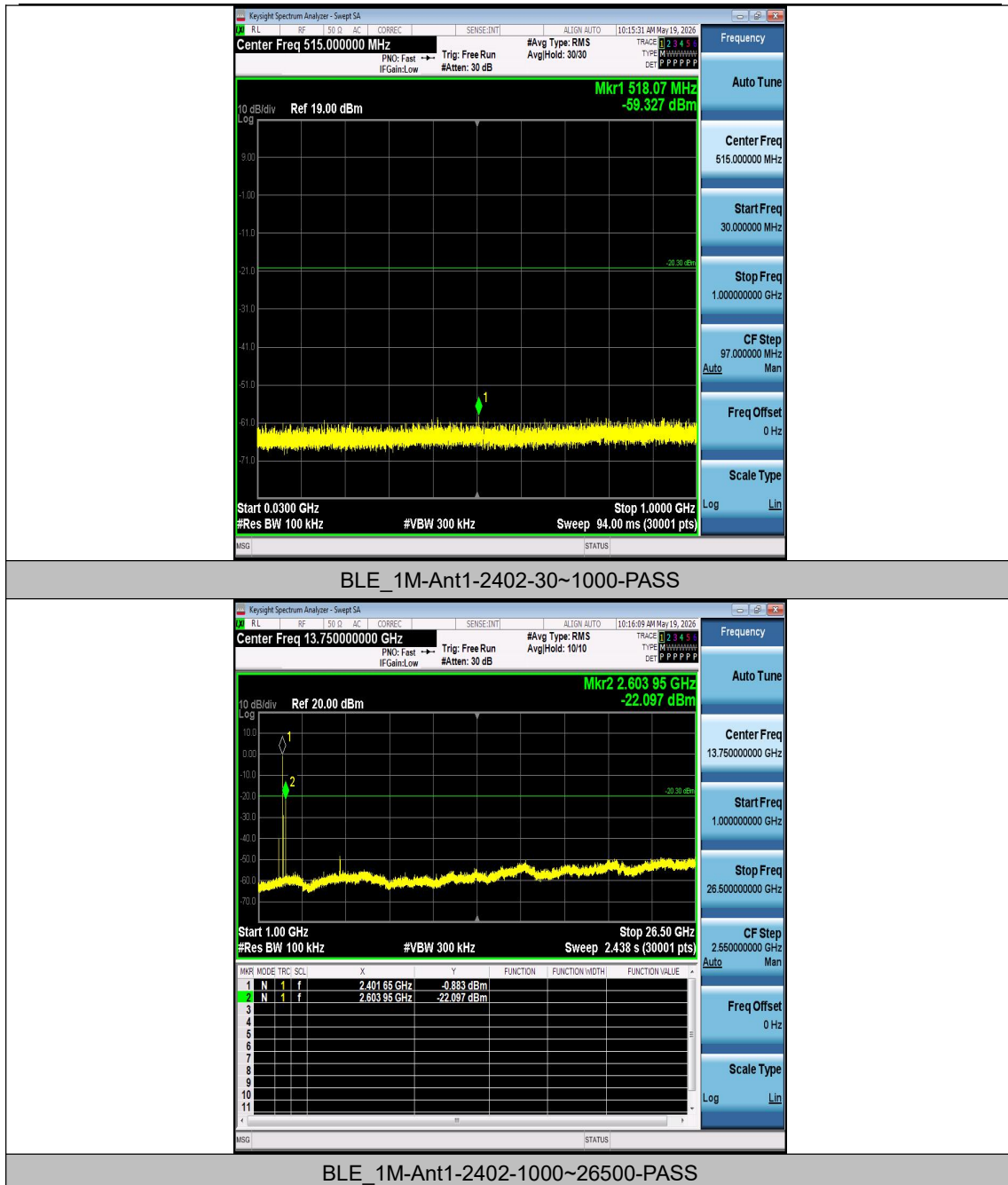
Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-0.30	-0.30	---	PASS
BLE_1M	Ant1	2402	30~1000	-0.30	-59.33	≤-20.3	PASS
BLE_1M	Ant1	2402	1000~26500	-0.30	-22.1	≤-20.3	PASS
BLE_1M	Ant1	2440	0~Reference	-0.57	-0.57	---	PASS
BLE_1M	Ant1	2440	30~1000	-0.57	-59.13	≤-20.57	PASS
BLE_1M	Ant1	2440	1000~26500	-0.57	-36.44	≤-20.57	PASS
BLE_1M	Ant1	2480	0~Reference	-0.55	-0.55	---	PASS
BLE_1M	Ant1	2480	30~1000	-0.55	-57.8	≤-20.55	PASS
BLE_1M	Ant1	2480	1000~26500	-0.55	-35.78	≤-20.55	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

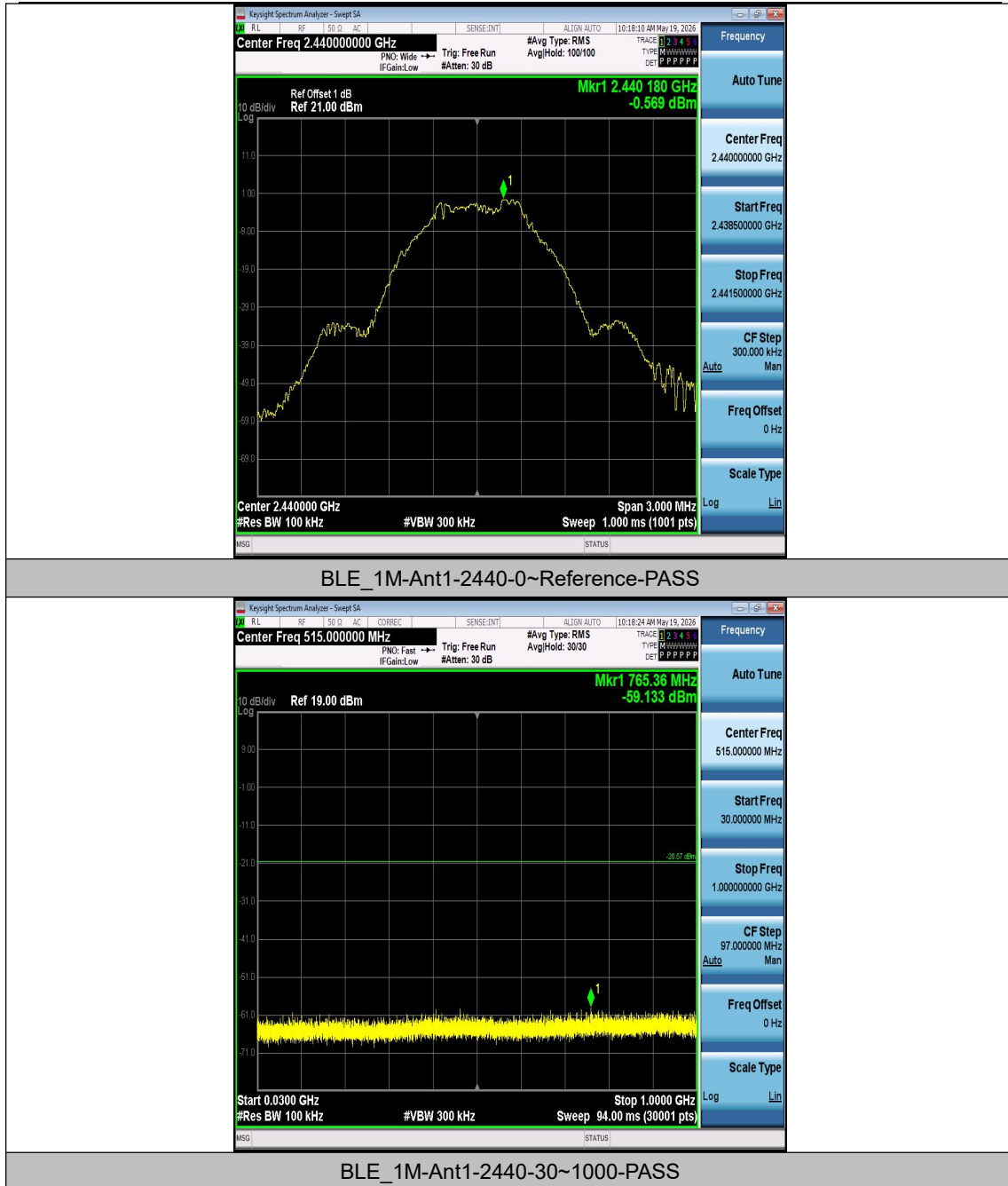




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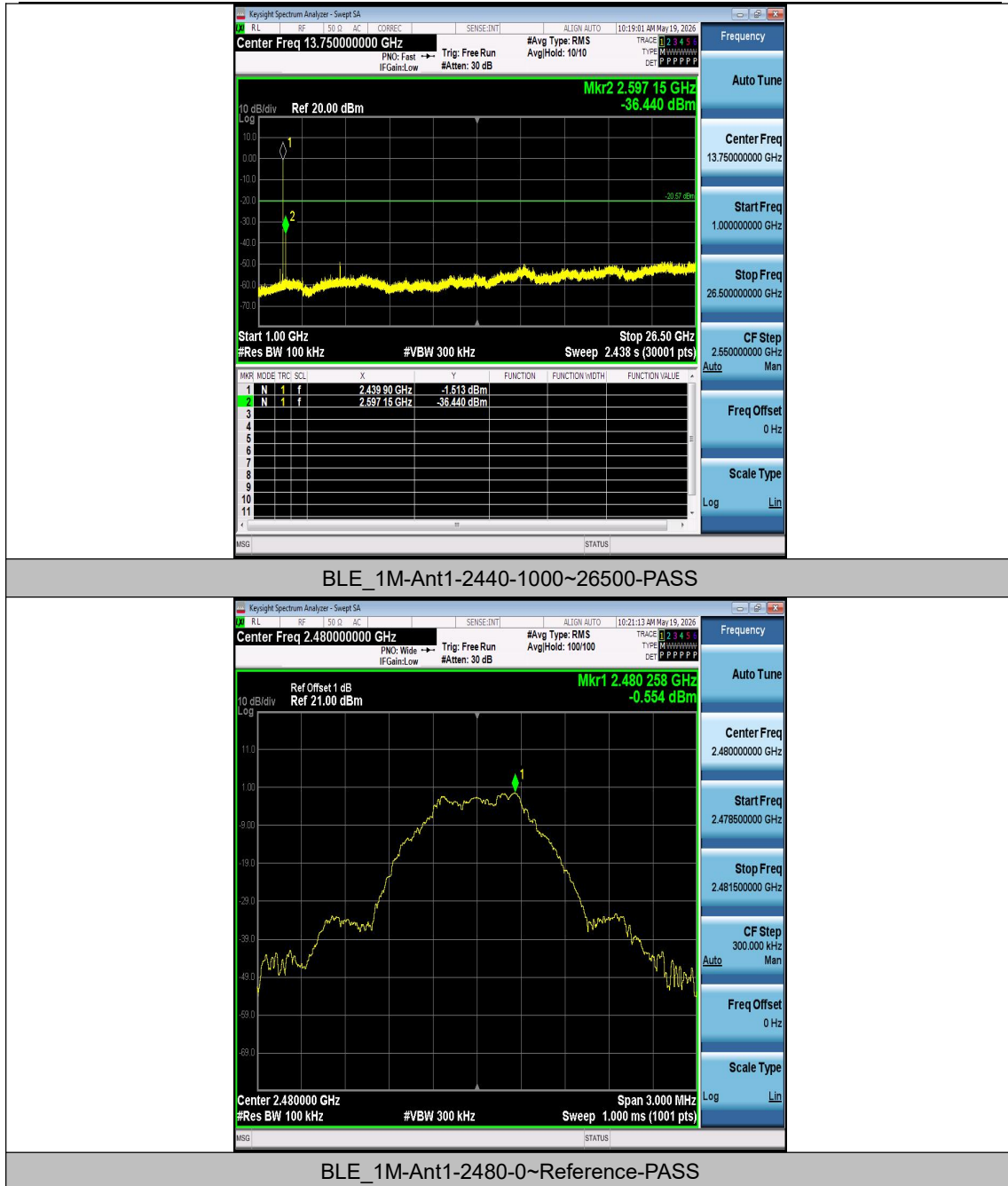
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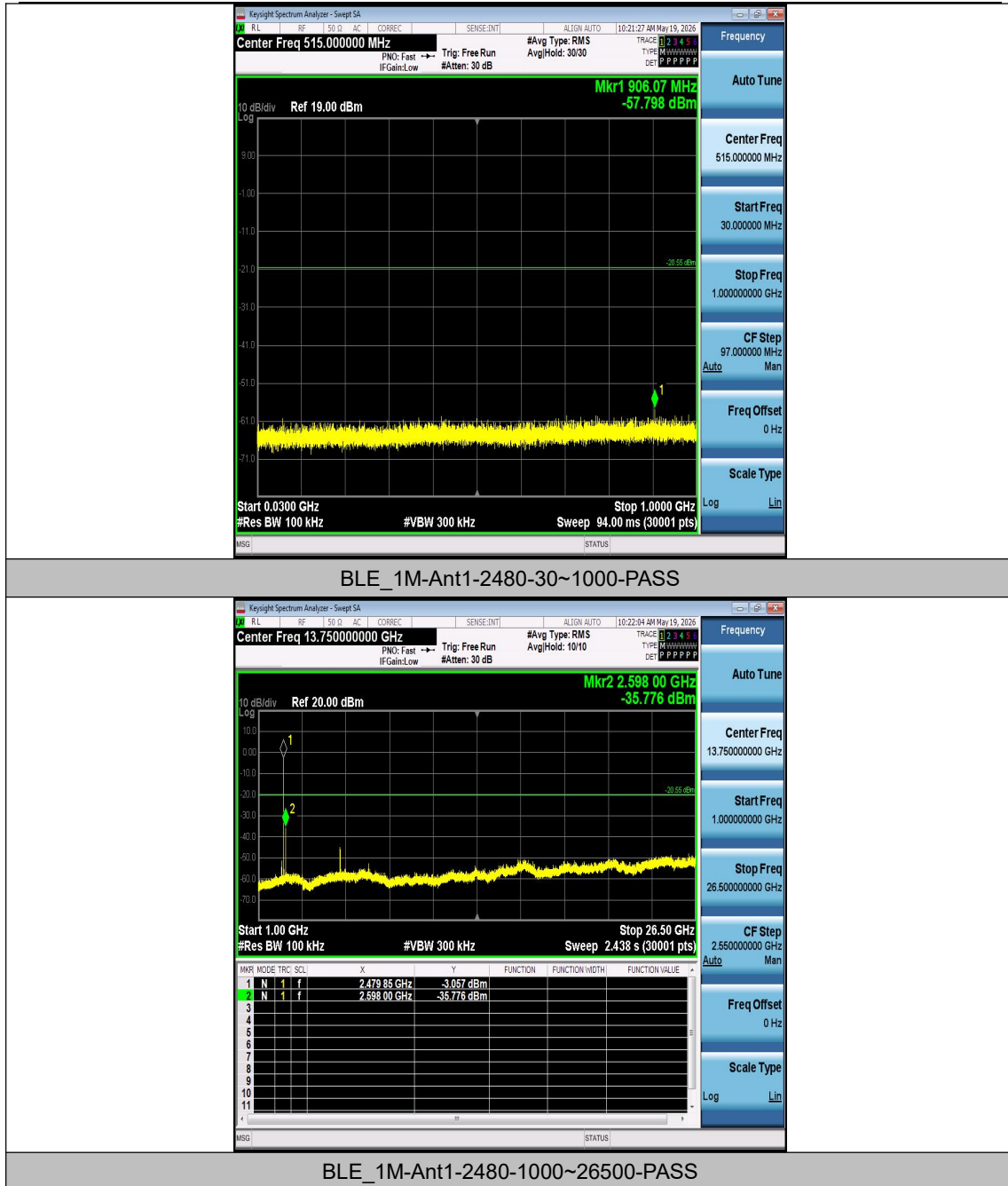
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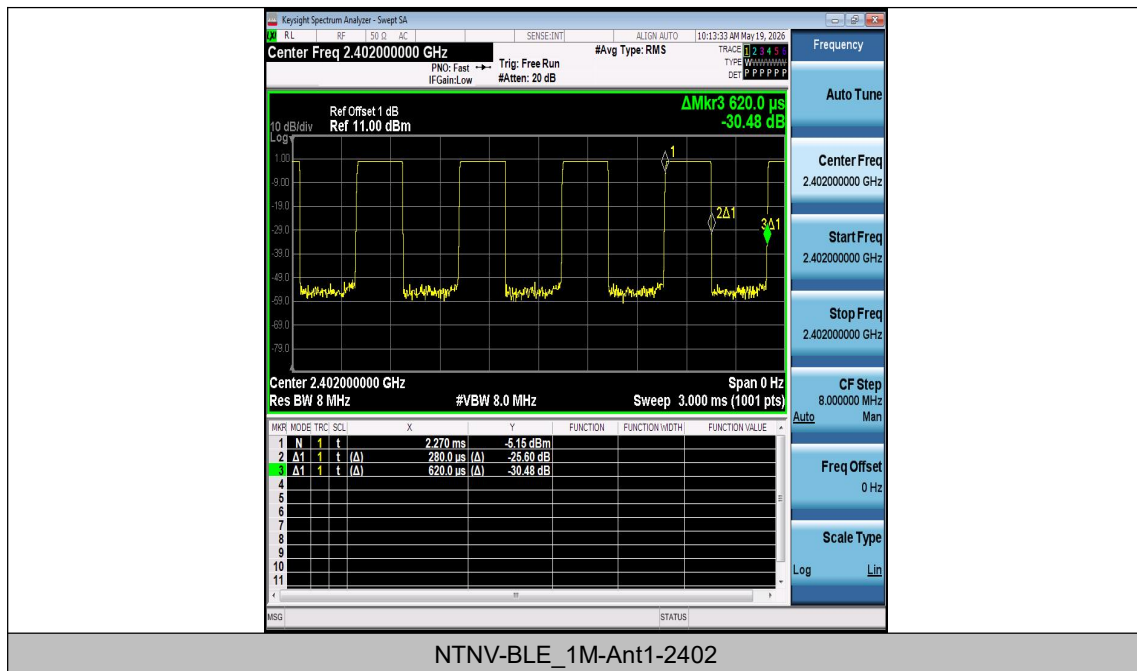
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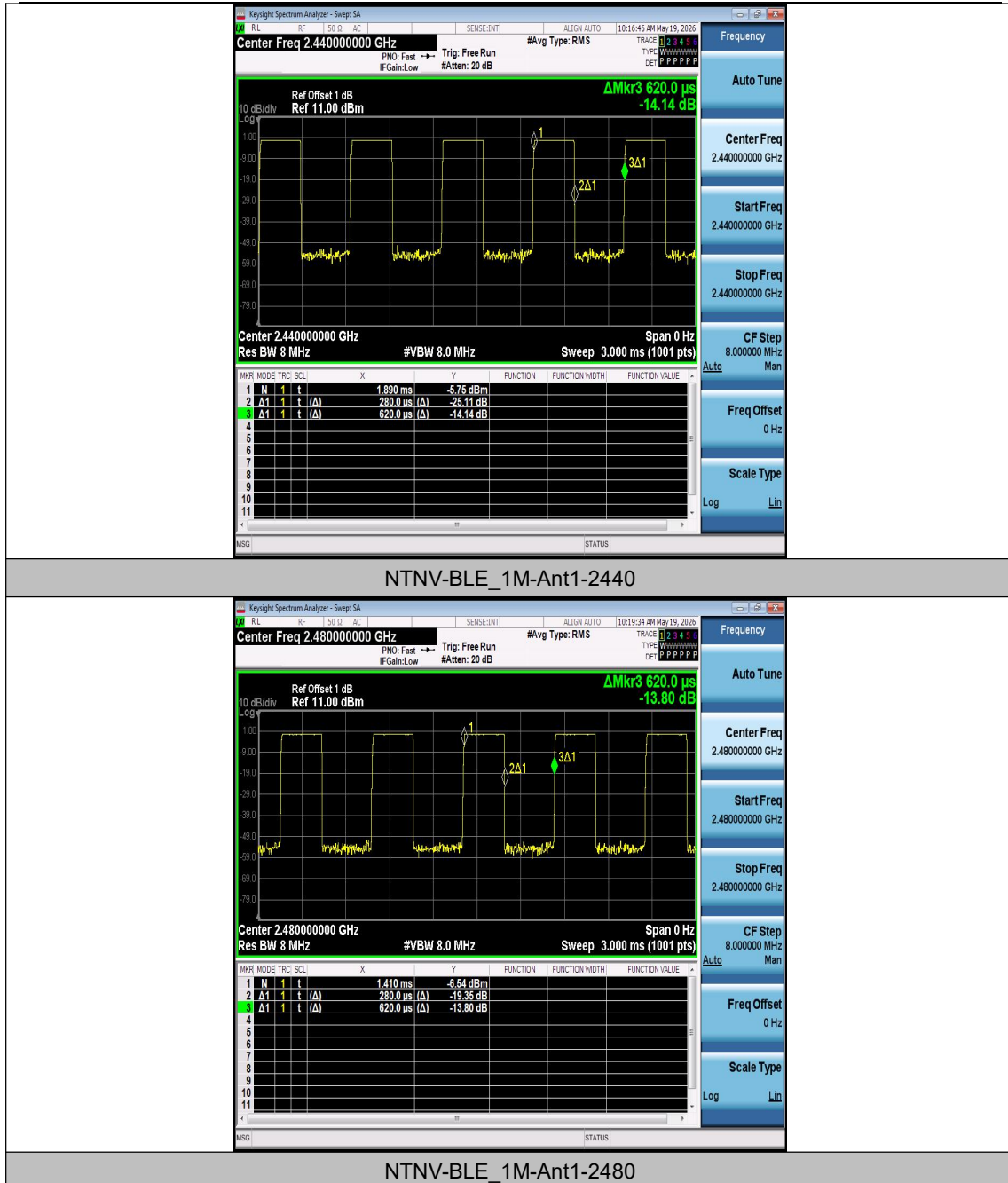
Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	0.28	0.62	45.16	3.45
BLE_1M	Ant1	2440	0.28	0.62	45.16	3.45
BLE_1M	Ant1	2480	0.28	0.62	45.16	3.45

Test Graphs





---End---