

Appendix Test Data

Report No.:	1812C60149712501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-3-18	Finish Test Date:	2026-3-20
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	24.4℃	Relative Humidity:	62%
Pressure:	101kPa		



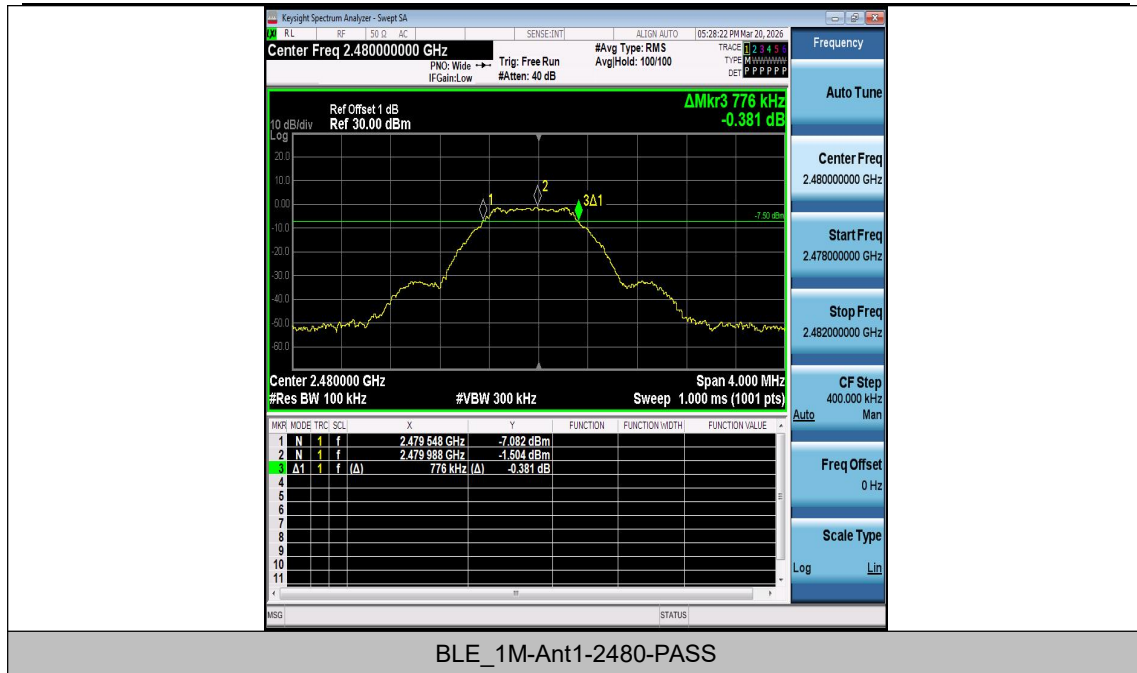
Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.768	2401.668	2402.436	0.5	PASS
BLE_1M	Ant1	2440	0.760	2439.628	2440.388	0.5	PASS
BLE_1M	Ant1	2480	0.776	2479.548	2480.324	0.5	PASS

Test Graphs





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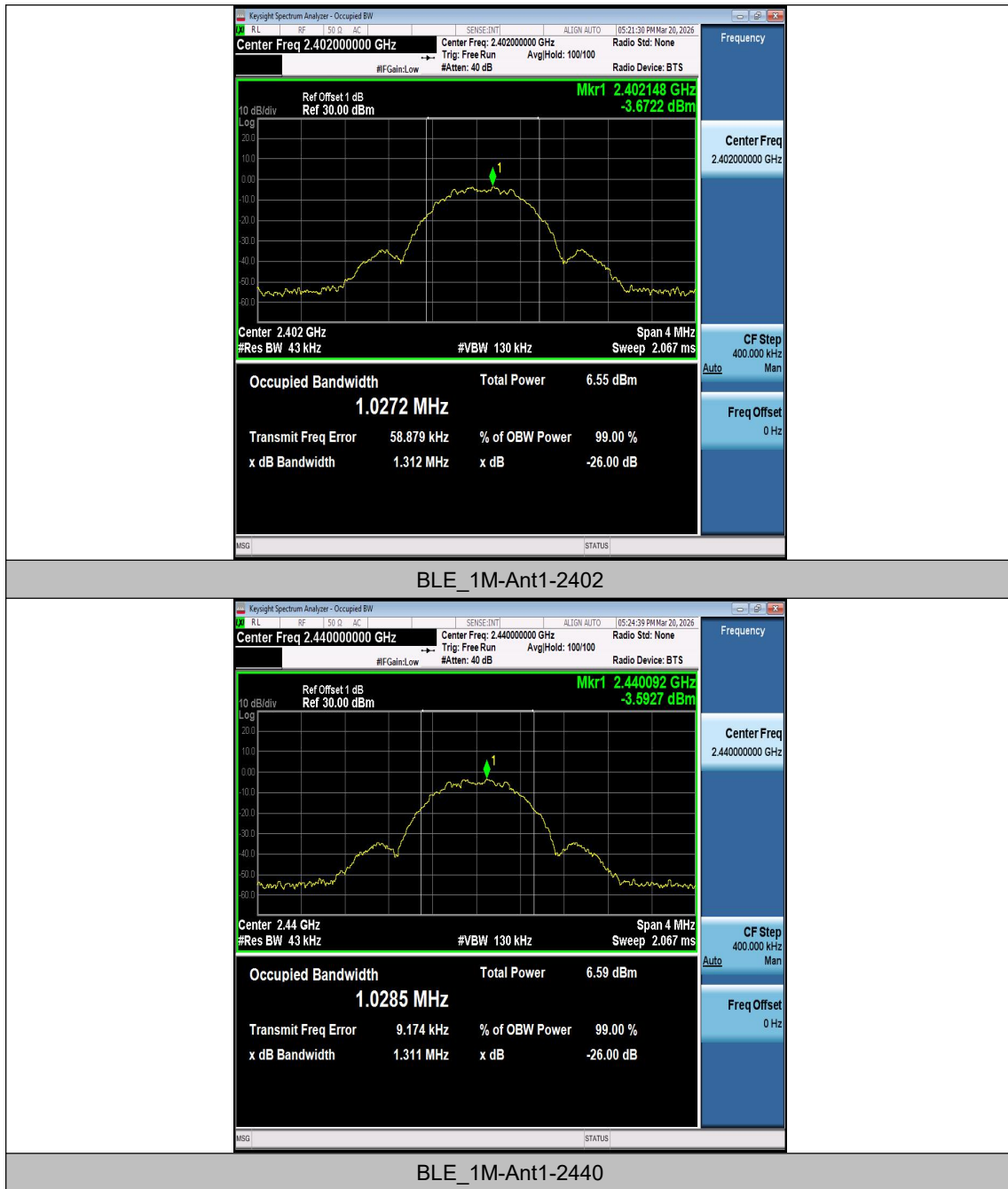
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Appendix B: 99% Occupied Bandwidth**Test Result**

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0272	2401.5453	2402.5725	---	---
BLE_1M	Ant1	2440	1.0285	2439.4949	2440.5234	---	---
BLE_1M	Ant1	2480	1.0392	2479.4229	2480.4621	---	---

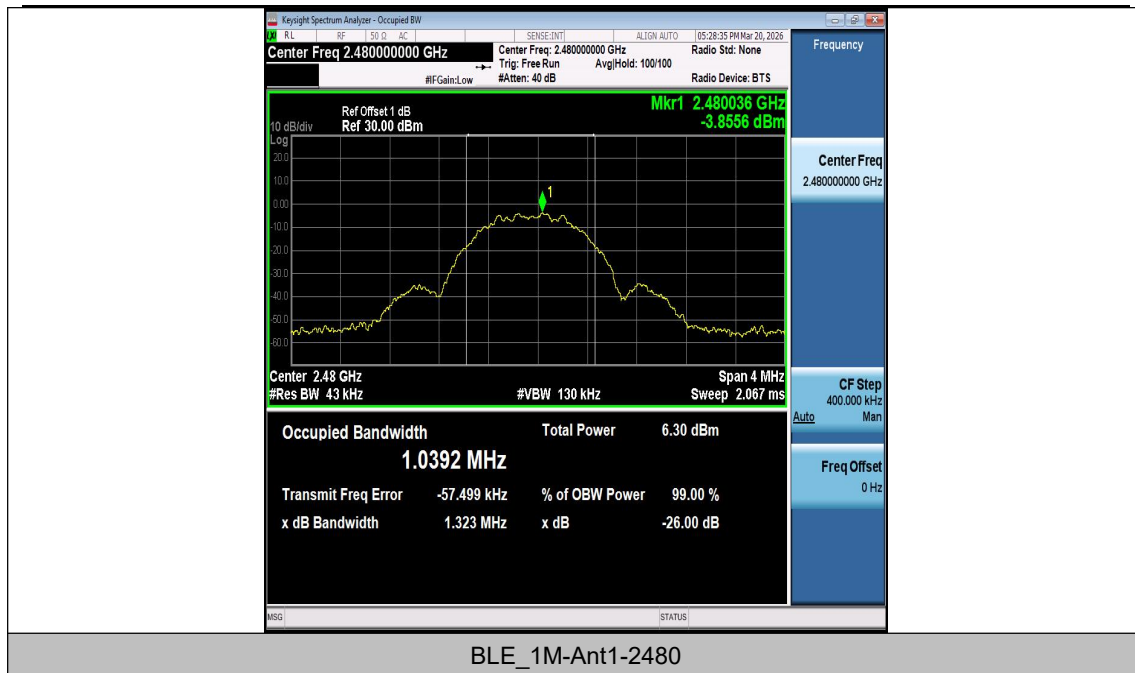
Test Graphs



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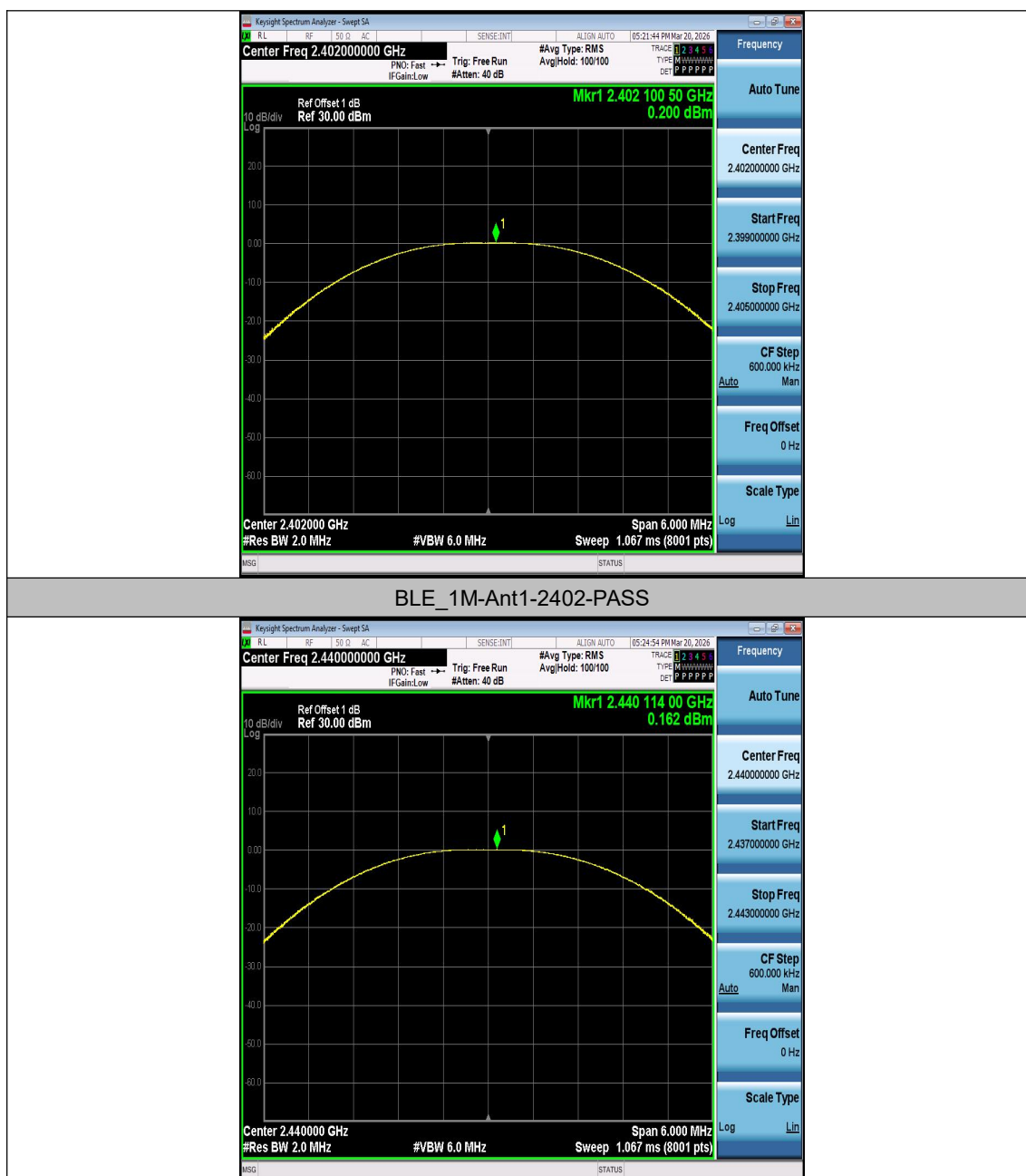
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Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0.20	≤30	PASS
BLE_1M	Ant1	2440	0.16	≤30	PASS
BLE_1M	Ant1	2480	0.07	≤30	PASS

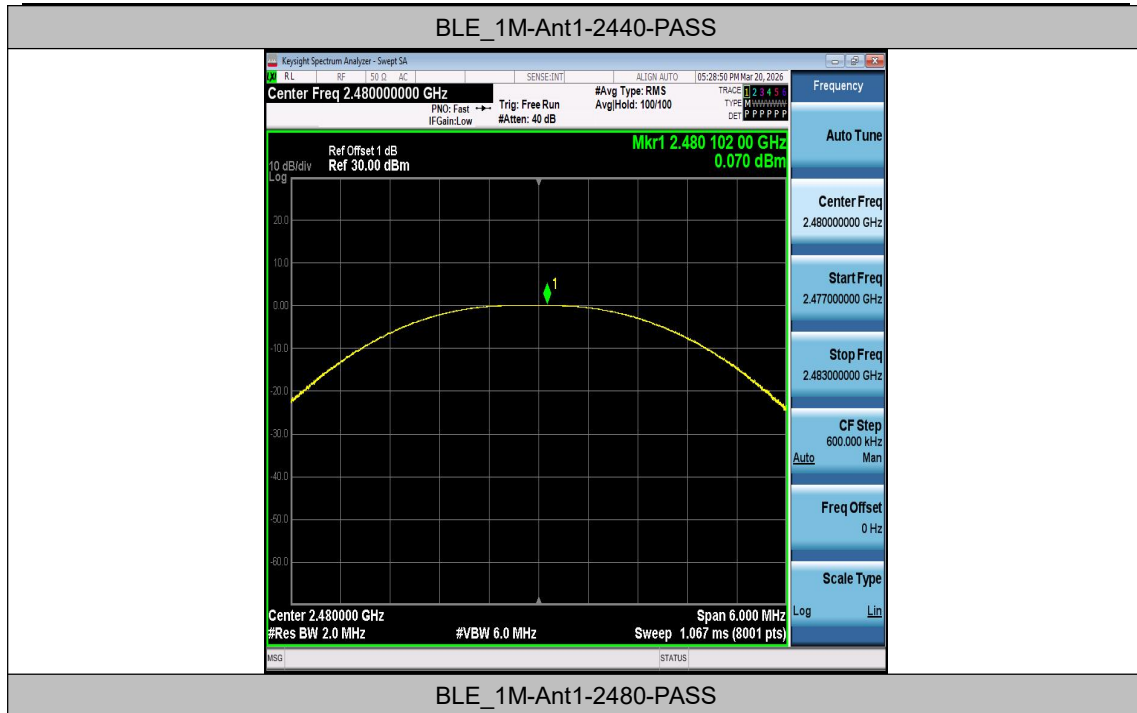
Test Graphs Peak



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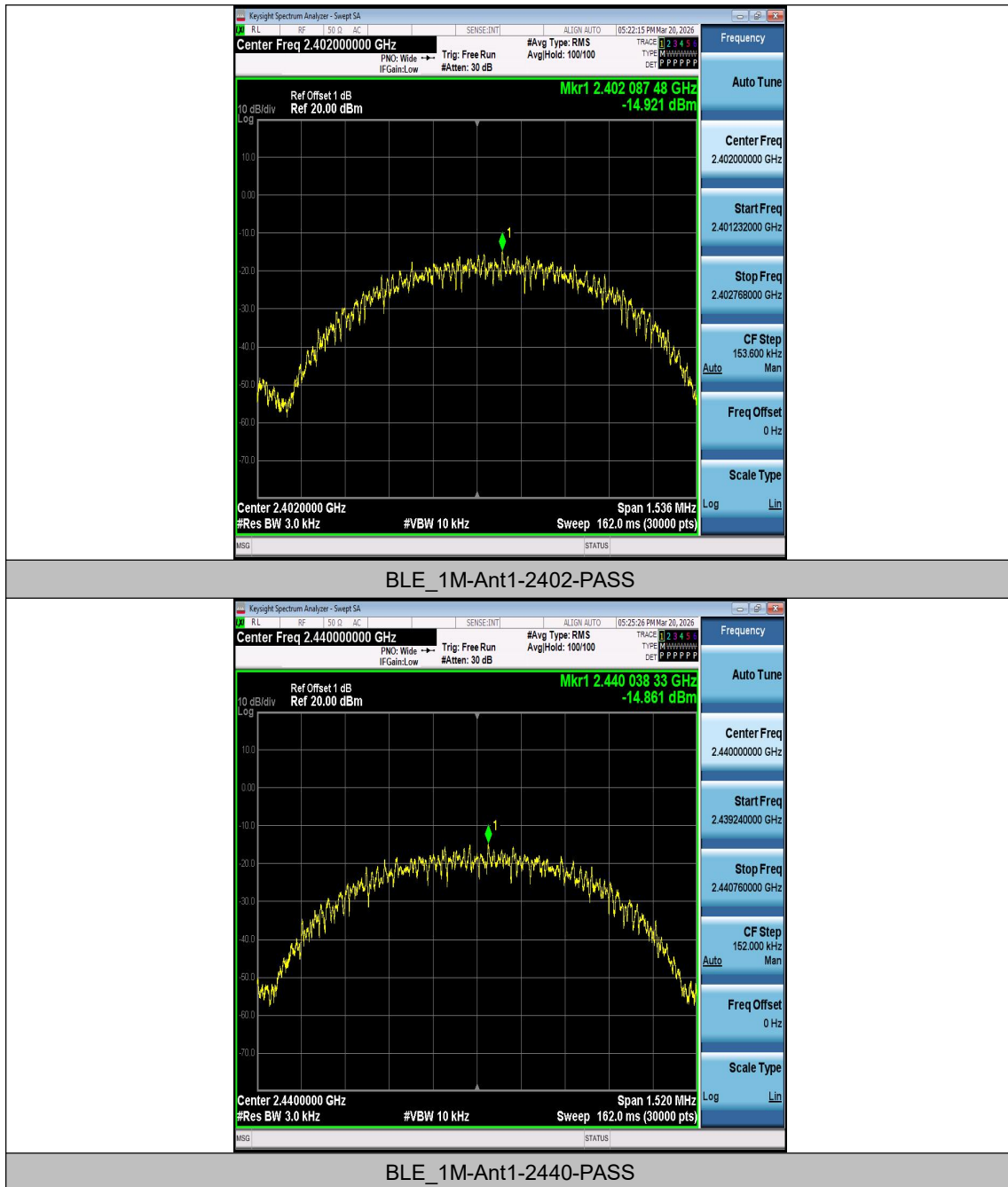
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-14.92	≤8.00	PASS
BLE_1M	Ant1	2440	-14.86	≤8.00	PASS
BLE_1M	Ant1	2480	-14.67	≤8.00	PASS

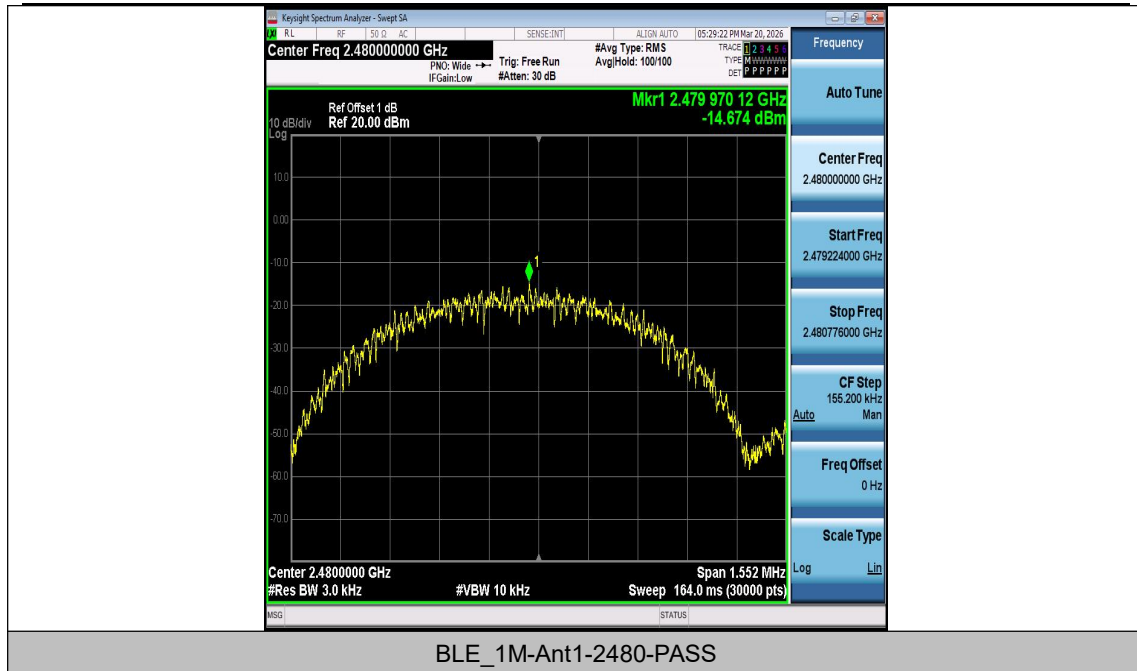
Test Graphs



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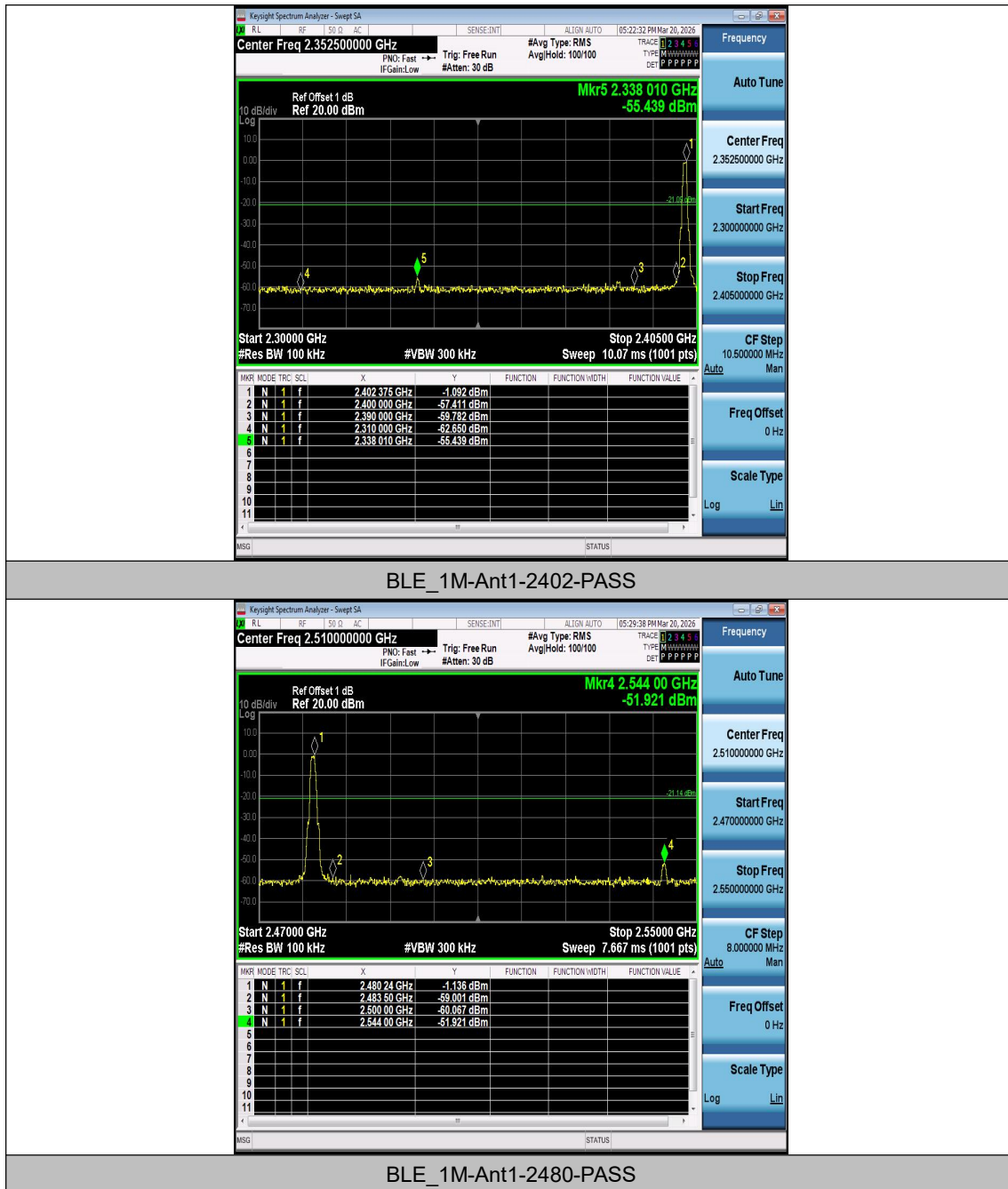
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-1.09	-55.44	≤-21.09	PASS
BLE_1M	Ant1	High	2480	-1.14	-51.92	≤-21.14	PASS

Test Graphs



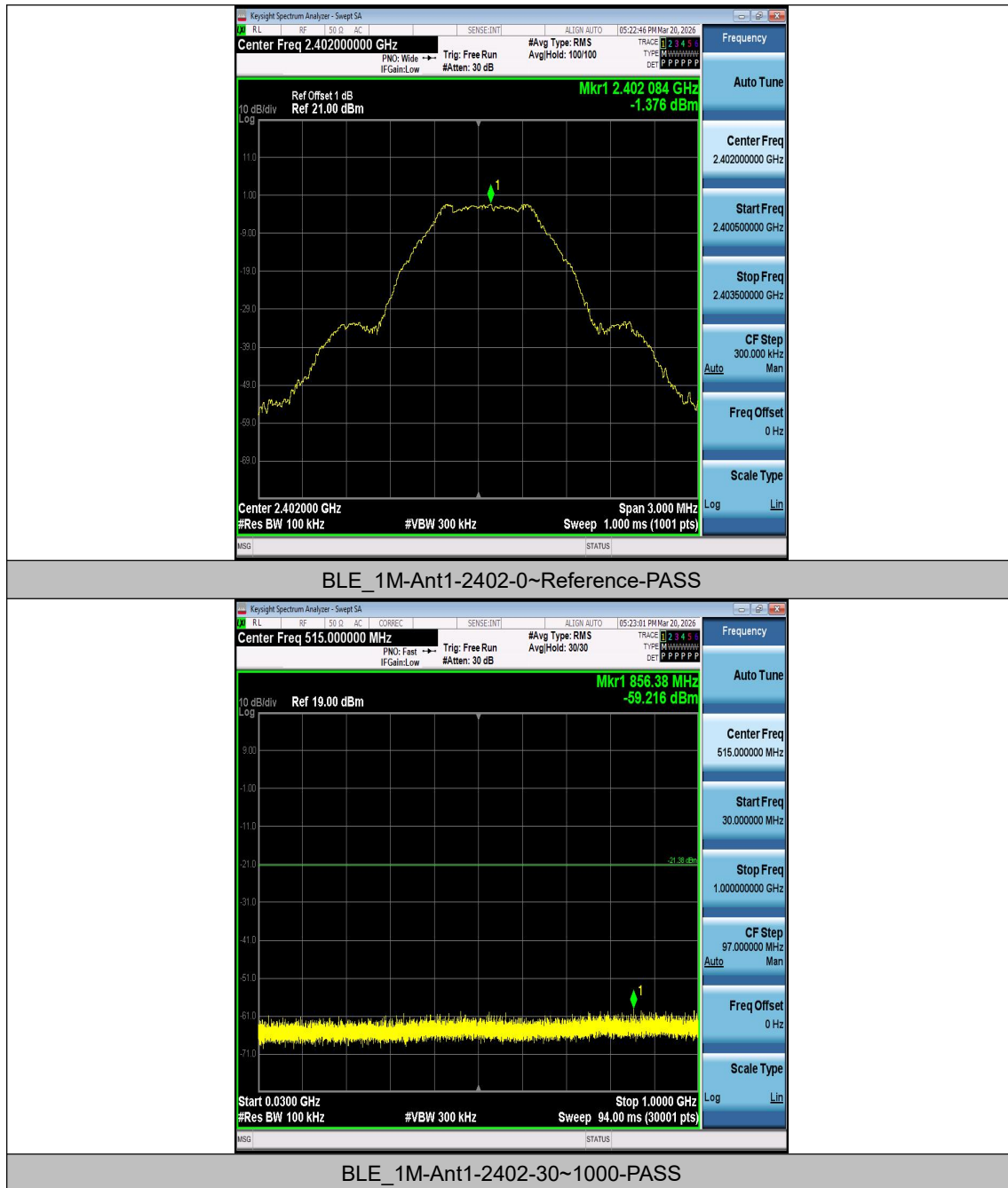
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-1.38	-1.38	---	PASS
BLE_1M	Ant1	2402	30~1000	-1.38	-59.22	≤-21.38	PASS
BLE_1M	Ant1	2402	1000~26500	-1.38	-41.04	≤-21.38	PASS
BLE_1M	Ant1	2440	0~Reference	-1.37	-1.37	---	PASS
BLE_1M	Ant1	2440	30~1000	-1.37	-59.44	≤-21.37	PASS
BLE_1M	Ant1	2440	1000~26500	-1.37	-38.09	≤-21.37	PASS
BLE_1M	Ant1	2480	0~Reference	-1.51	-1.51	---	PASS
BLE_1M	Ant1	2480	30~1000	-1.51	-59.25	≤-21.51	PASS
BLE_1M	Ant1	2480	1000~26500	-1.51	-35.34	≤-21.51	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.

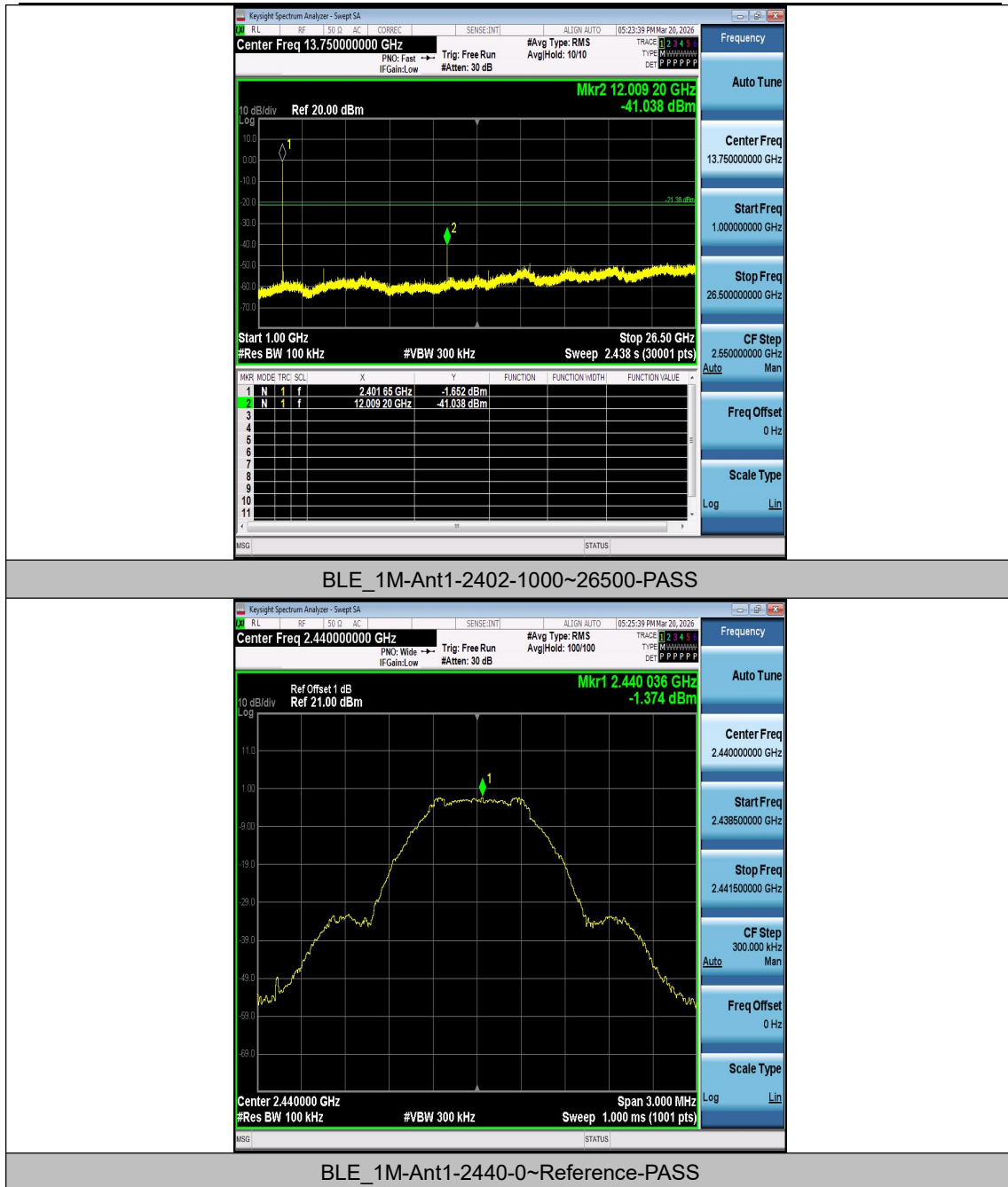
Test Graphs



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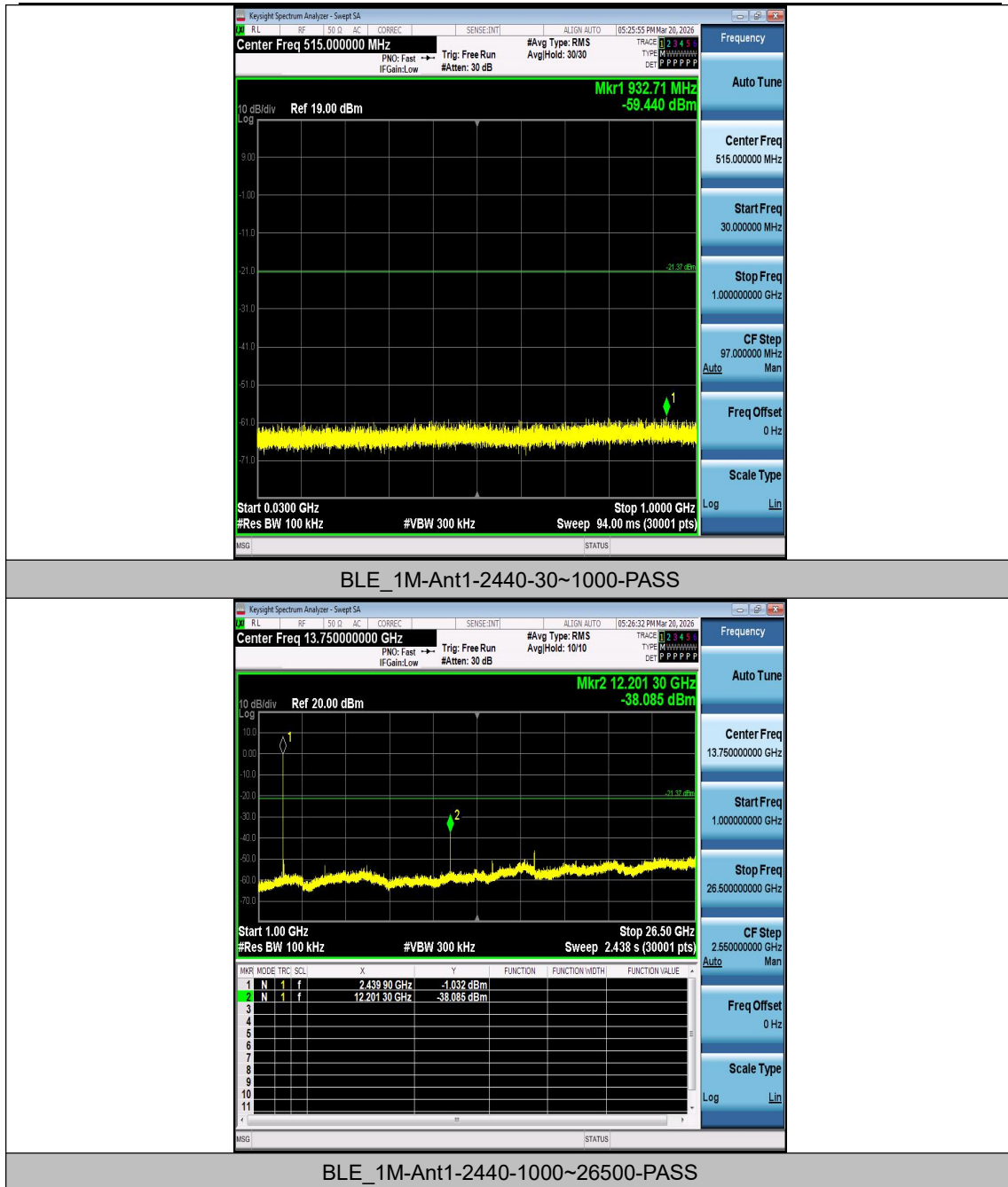
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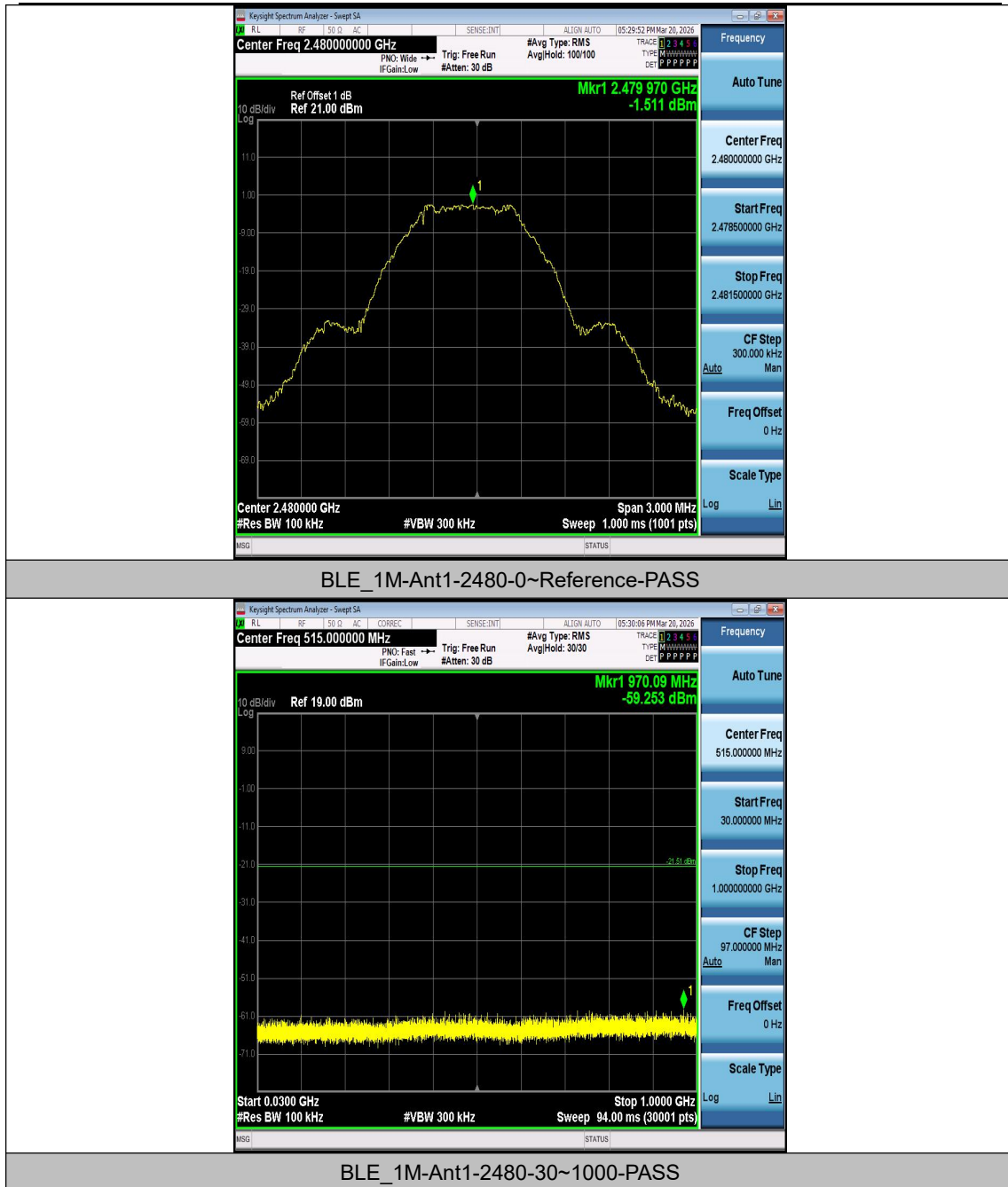
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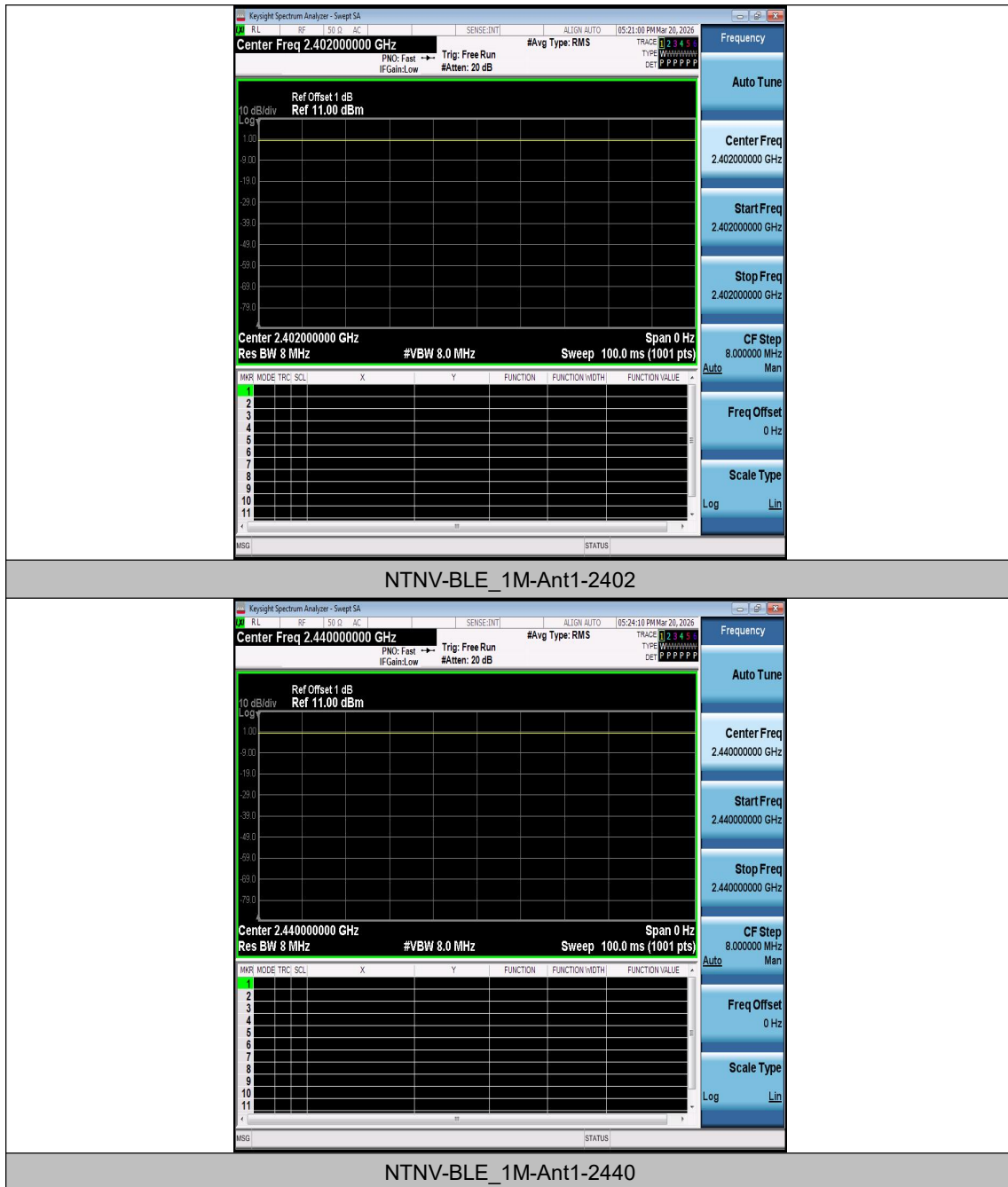
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Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	100.00	100.00	100.00	0.00
BLE_1M	Ant1	2440	100.00	100.00	100.00	0.00
BLE_1M	Ant1	2480	100.00	100.00	100.00	0.00

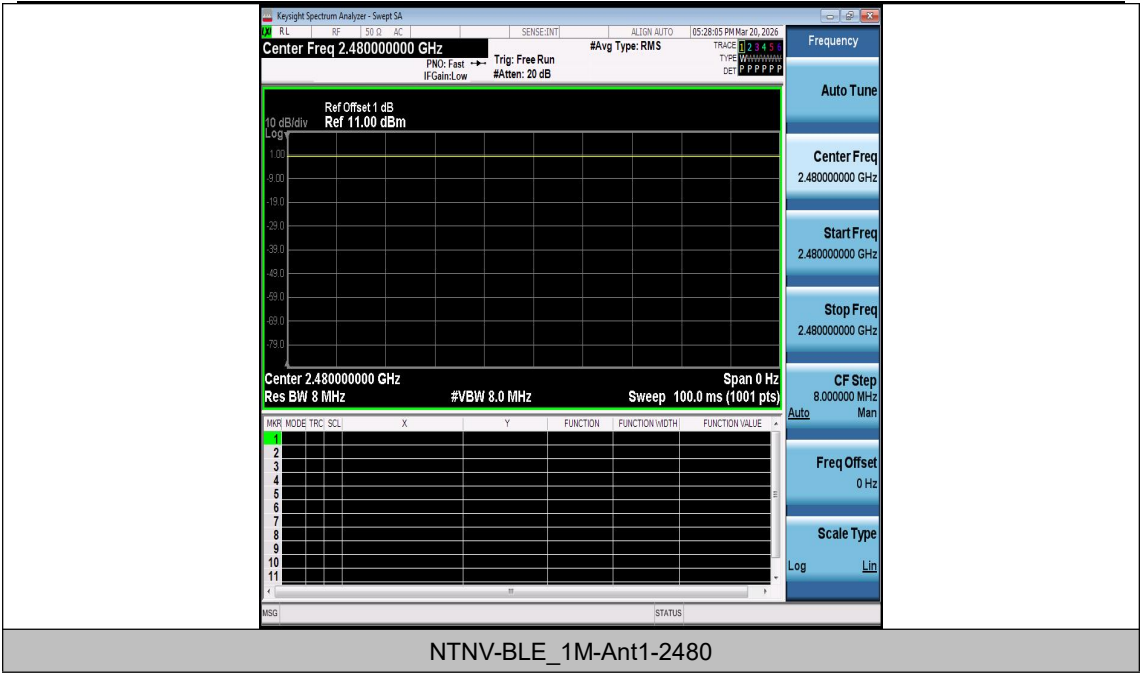
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