

Appendix Test Data

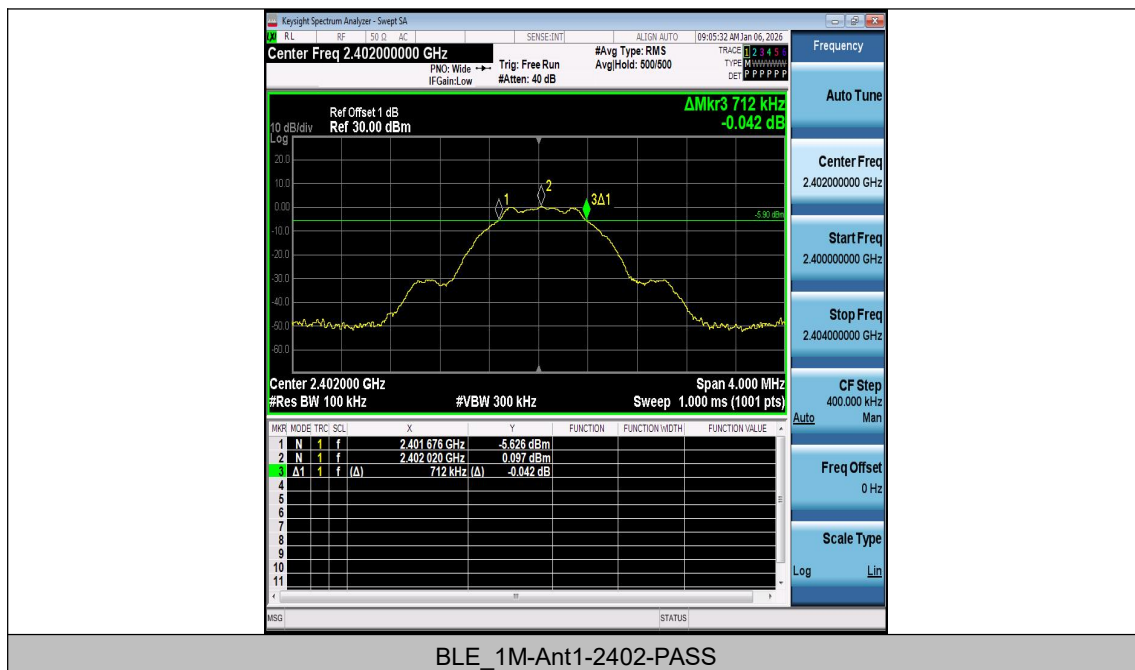
Report No.:	1812C50662812502-01	Test Sample No.:	1-2-2
Start Test Date:	2026-1-4	Finish Test Date:	2026-1-6
Test Engineer:	Alex Peng	Auditor:	Justin Feng
Temperature:	21.8°C	Relative Humidity:	40%
Pressure:	101kPa		

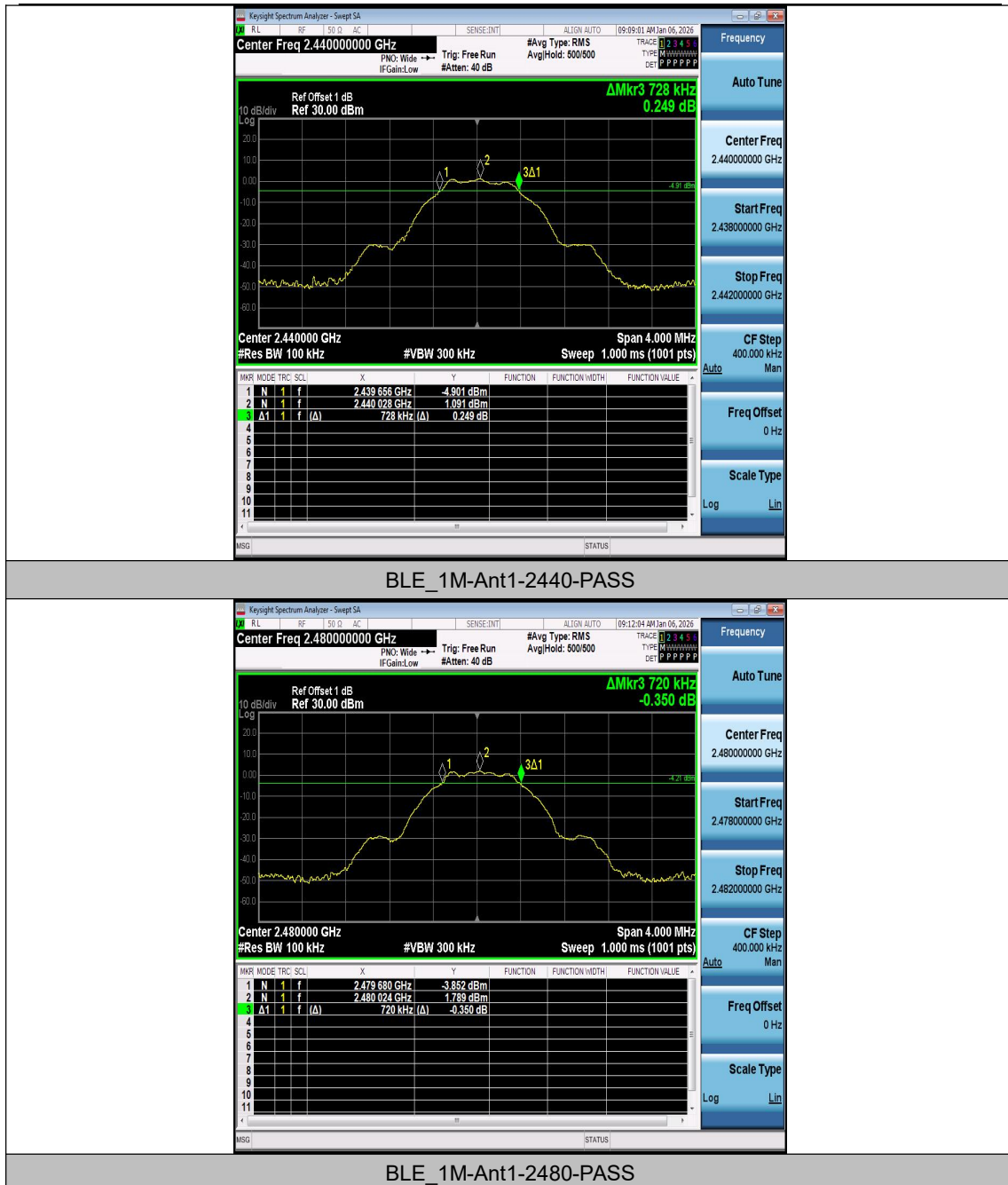
Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.712	2401.676	2402.388	0.5	PASS
BLE_1M	Ant1	2440	0.728	2439.656	2440.384	0.5	PASS
BLE_1M	Ant1	2480	0.720	2479.680	2480.400	0.5	PASS

Test Graphs





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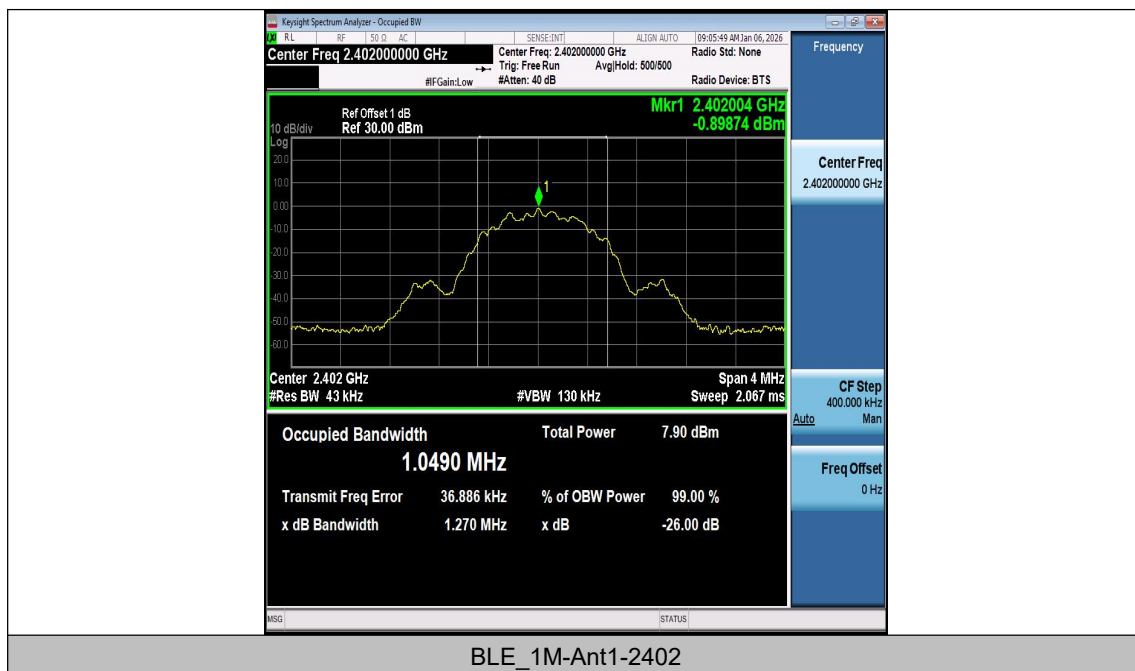
Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com

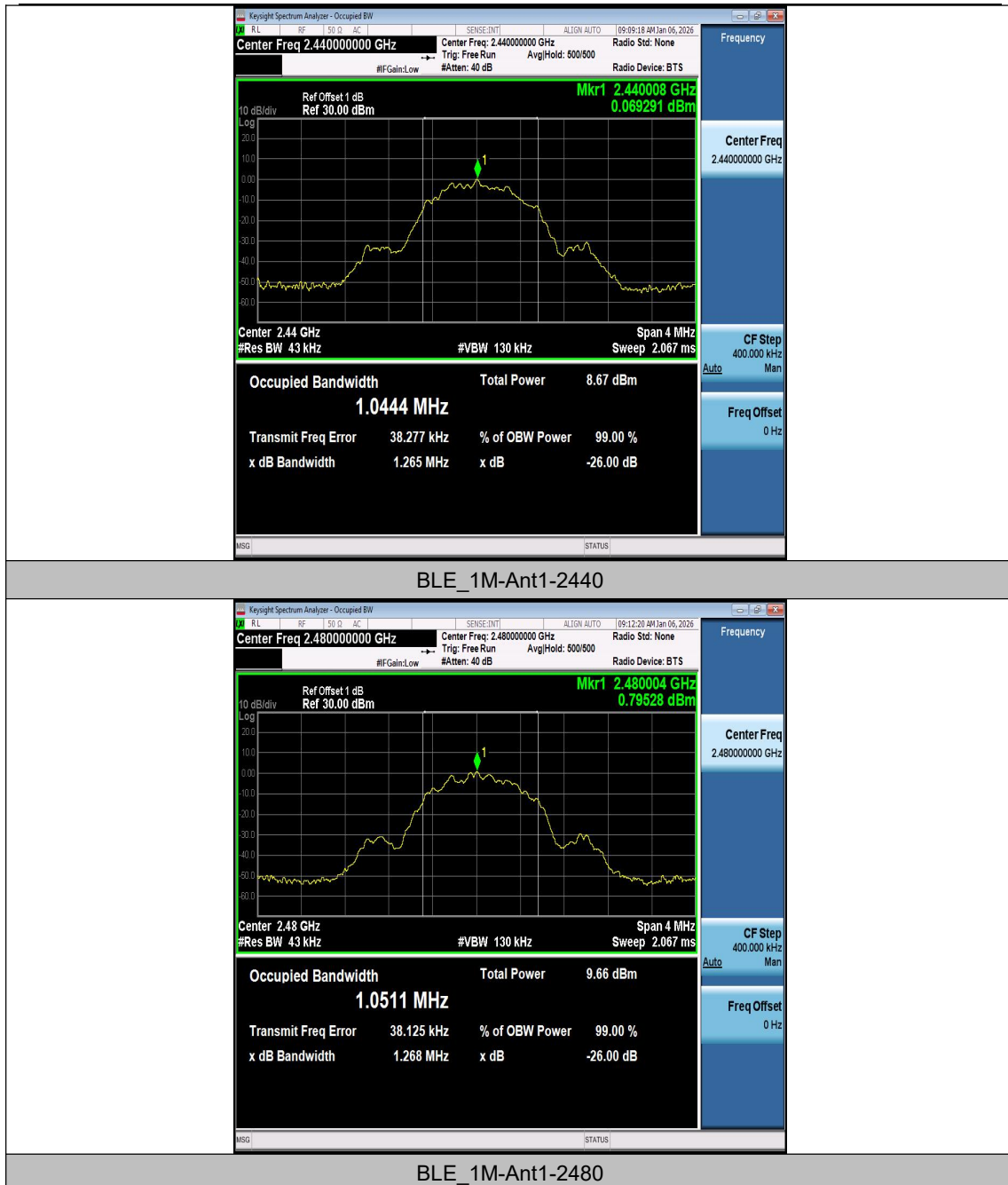
Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0490	2401.5124	2402.5614	---	---
BLE_1M	Ant1	2440	1.0444	2439.5161	2440.5605	---	---
BLE_1M	Ant1	2480	1.0511	2479.5126	2480.5637	---	---

Test Graphs





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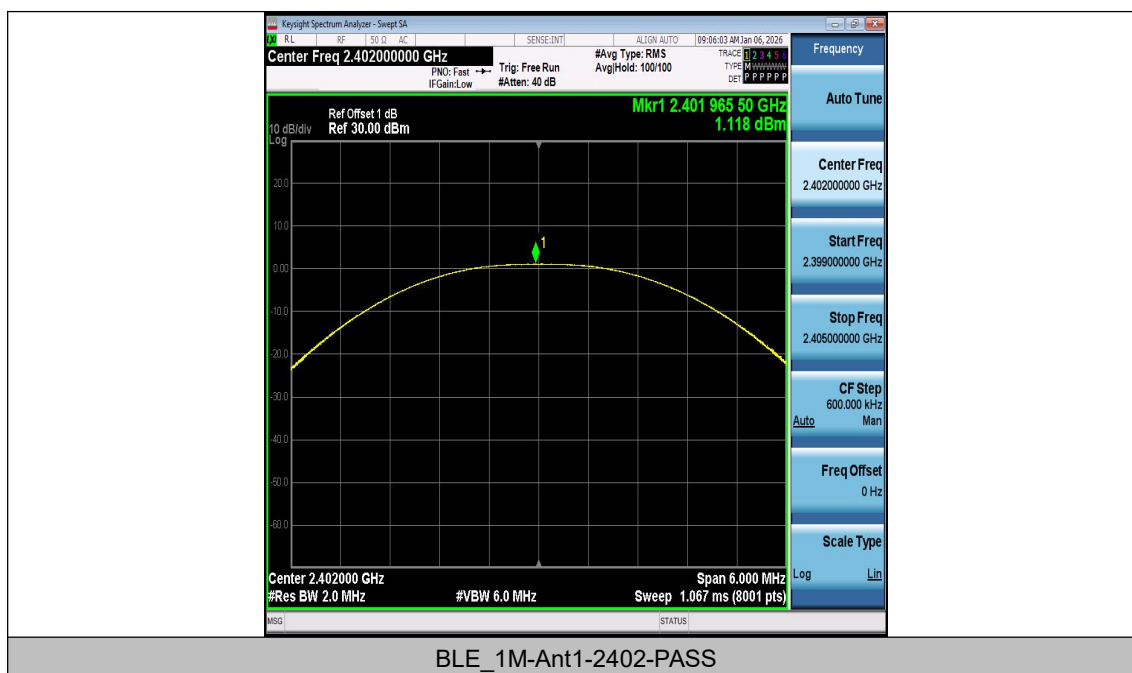
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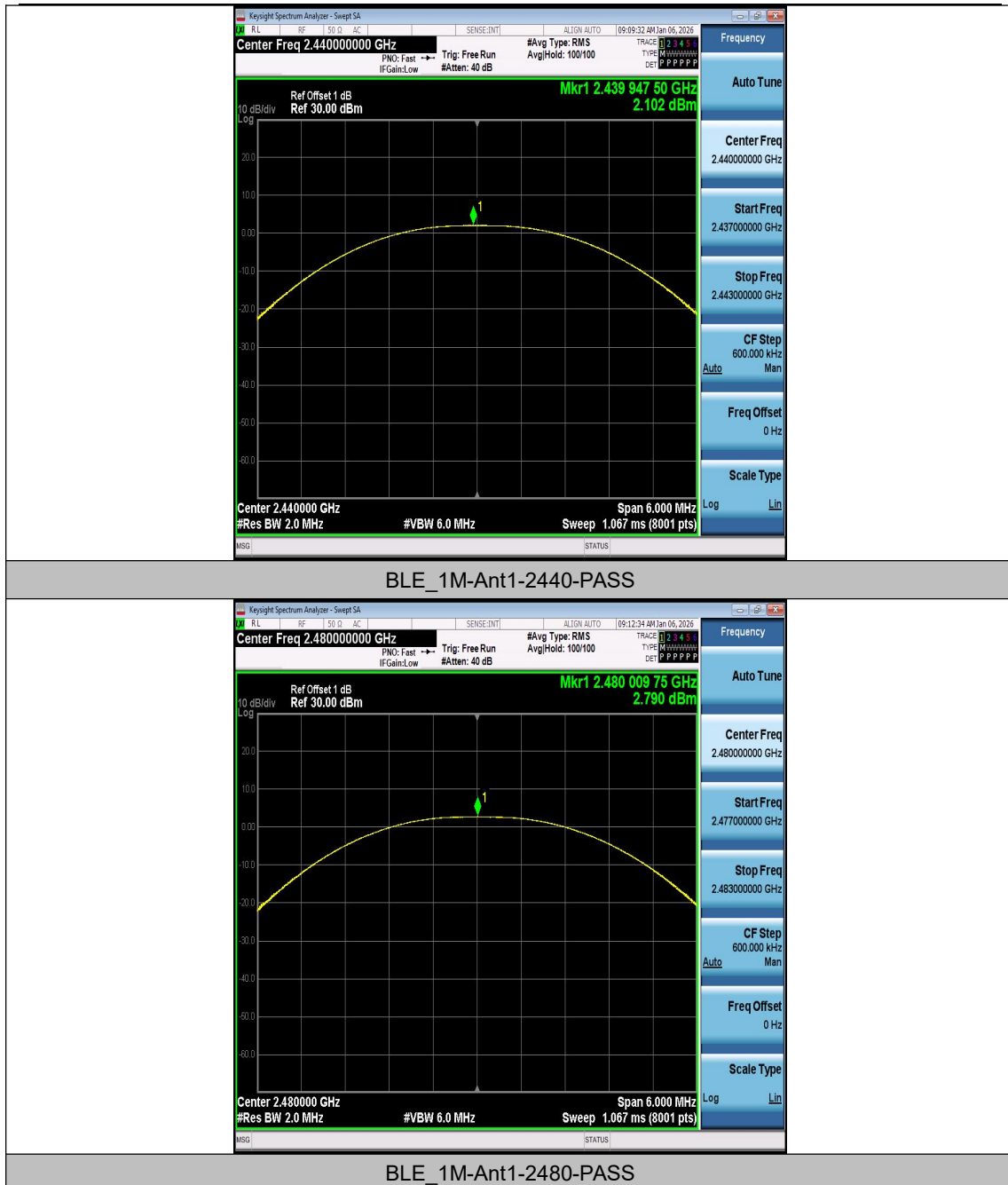
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	1.12	≤30	PASS
BLE_1M	Ant1	2440	2.10	≤30	PASS
BLE_1M	Ant1	2480	2.79	≤30	PASS

Test Graphs Peak





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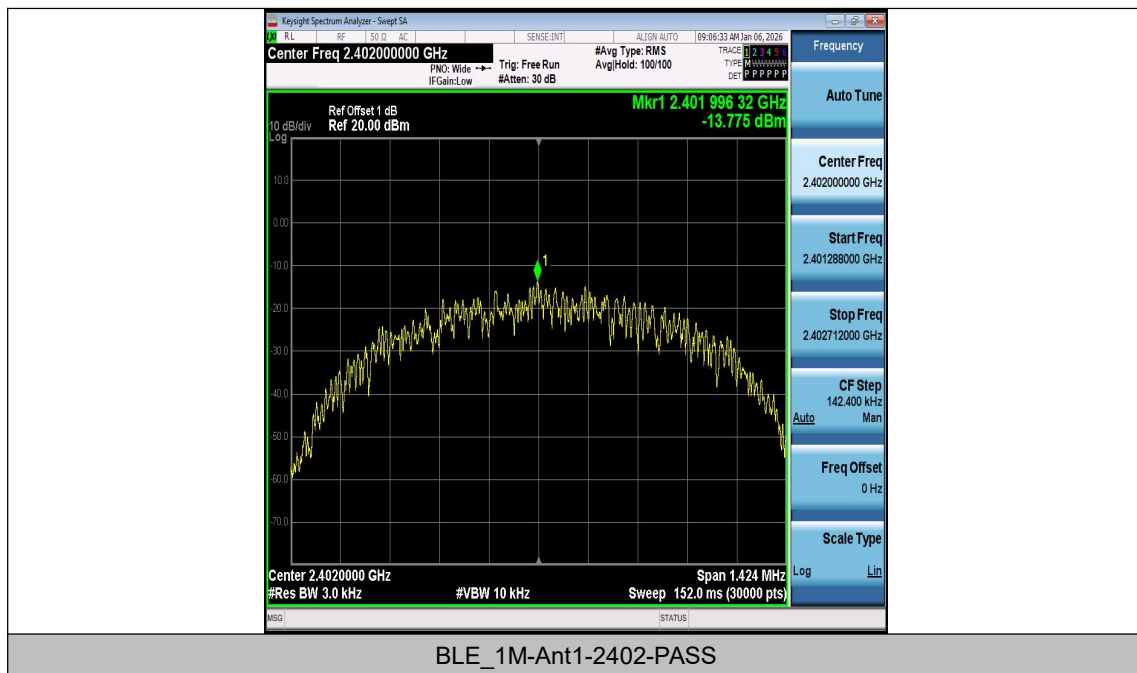
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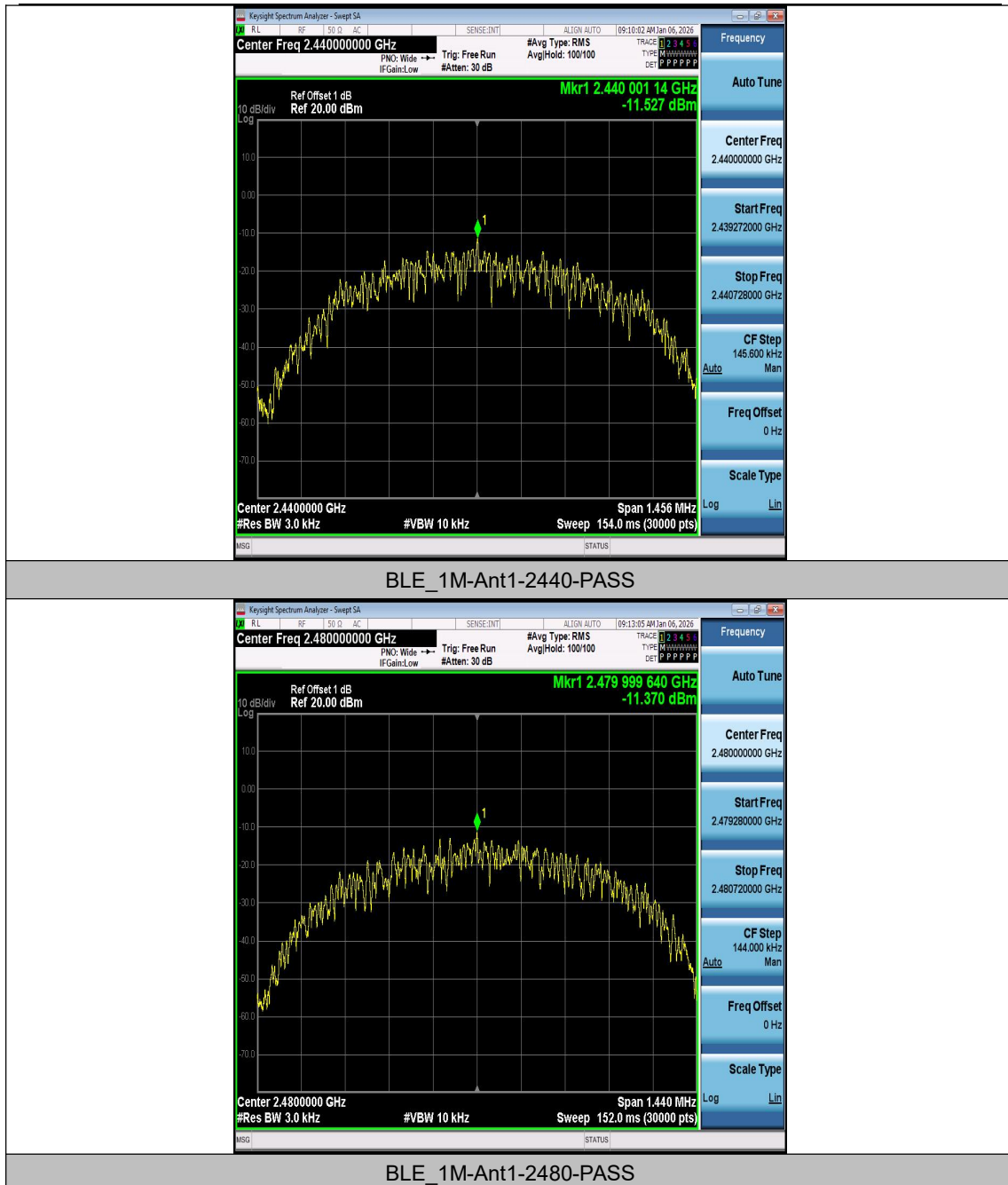
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-13.78	≤8.00	PASS
BLE_1M	Ant1	2440	-11.53	≤8.00	PASS
BLE_1M	Ant1	2480	-11.37	≤8.00	PASS

Test Graphs





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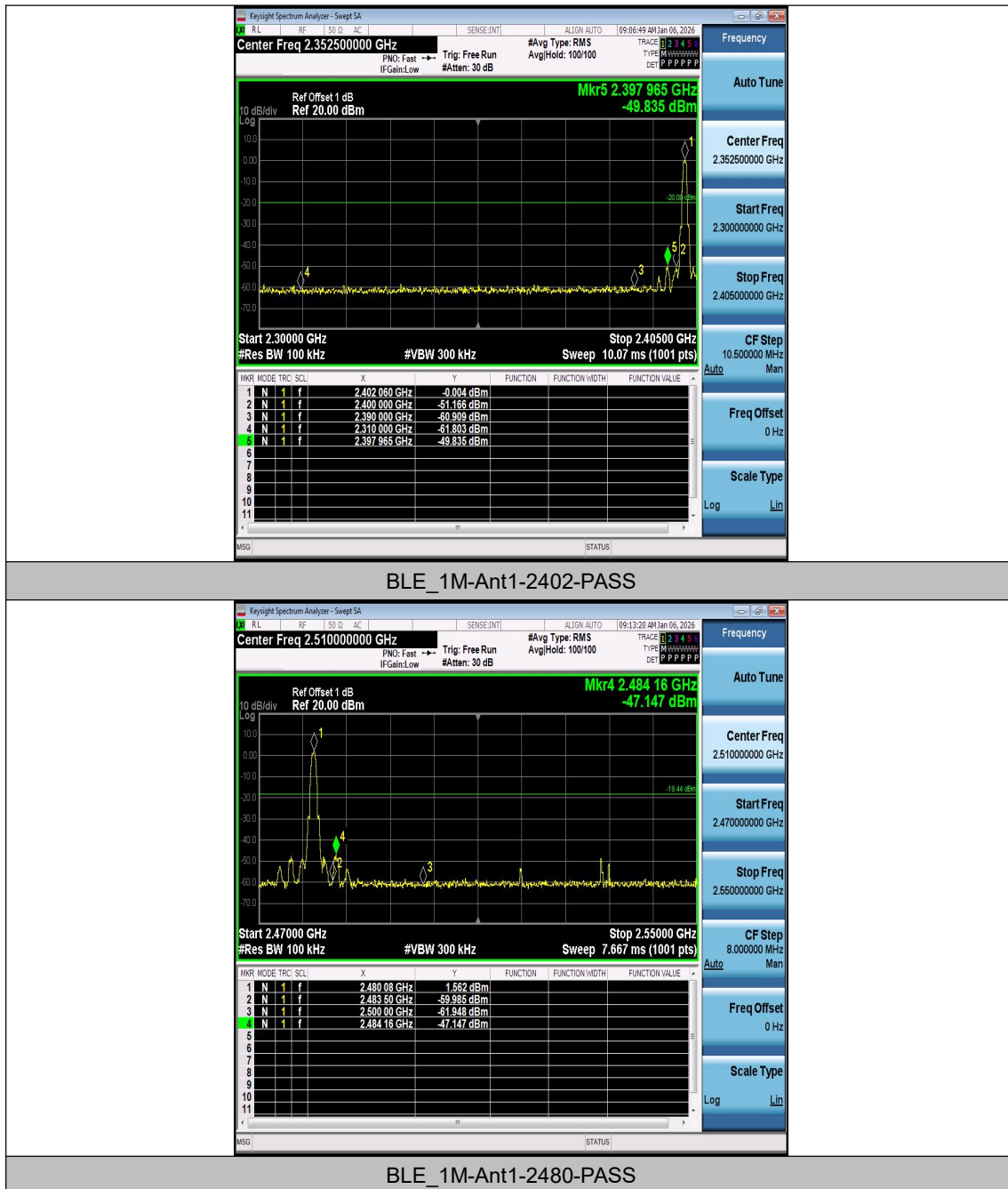
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	0.00	-49.84	≤-20	PASS
BLE_1M	Ant1	High	2480	1.56	-47.15	≤-18.44	PASS

Test Graphs



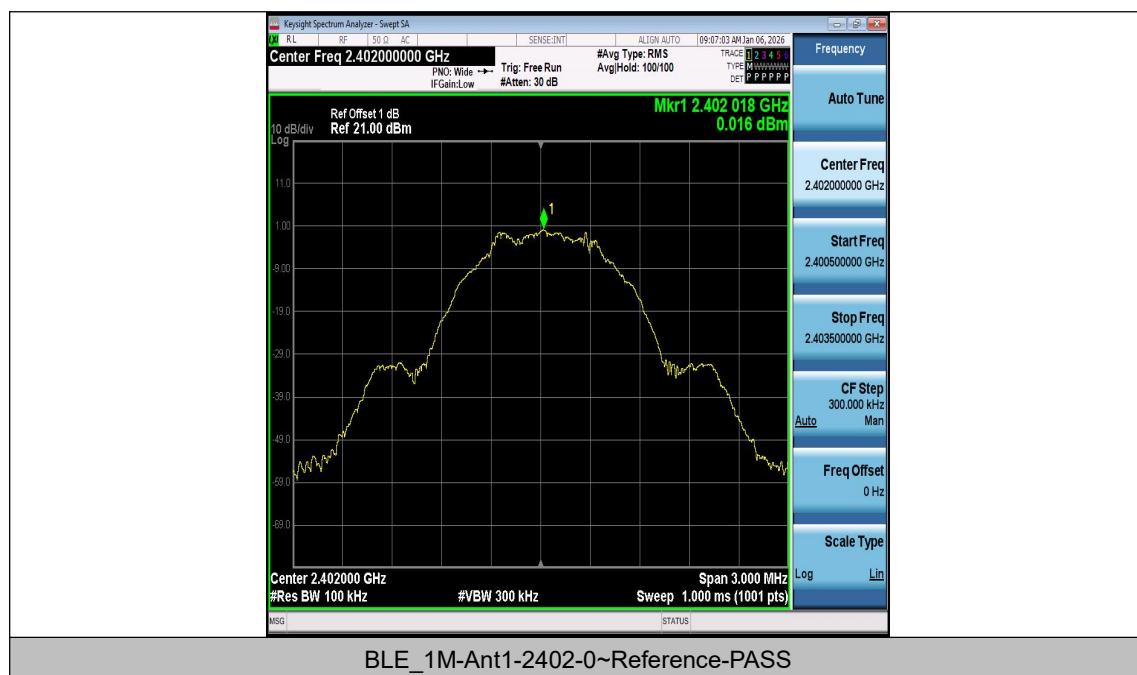
Appendix F: Conducted Spurious Emission

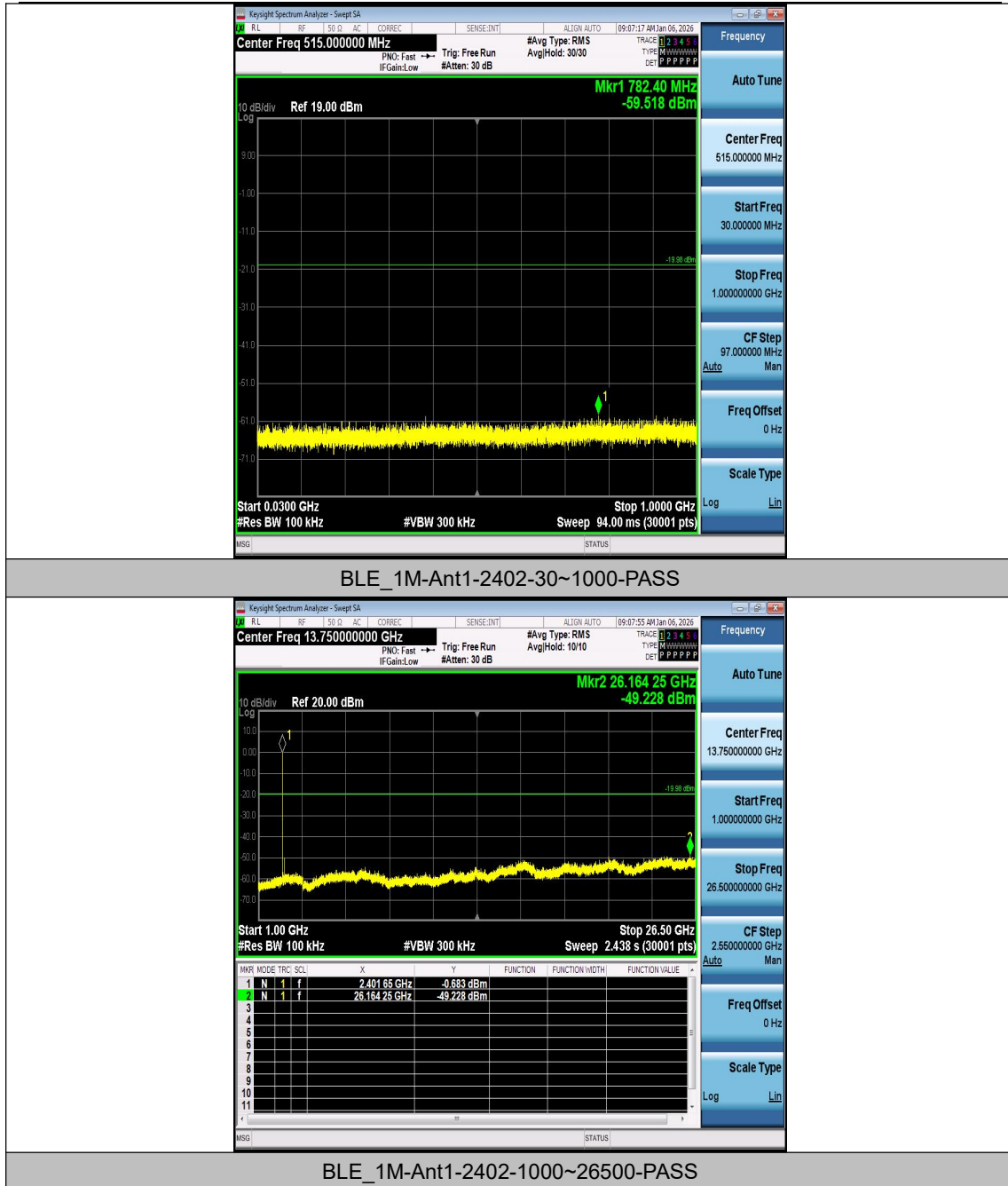
Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	0.02	0.02	---	PASS
BLE_1M	Ant1	2402	30~1000	0.02	-59.52	≤-19.98	PASS
BLE_1M	Ant1	2402	1000~26500	0.02	-49.23	≤-19.98	PASS
BLE_1M	Ant1	2440	0~Reference	1.03	1.03	---	PASS
BLE_1M	Ant1	2440	30~1000	1.03	-59.22	≤-18.97	PASS
BLE_1M	Ant1	2440	1000~26500	1.03	-49.18	≤-18.97	PASS
BLE_1M	Ant1	2480	0~Reference	1.61	1.61	---	PASS
BLE_1M	Ant1	2480	30~1000	1.61	-59.2	≤-18.39	PASS
BLE_1M	Ant1	2480	1000~26500	1.61	-49.61	≤-18.39	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

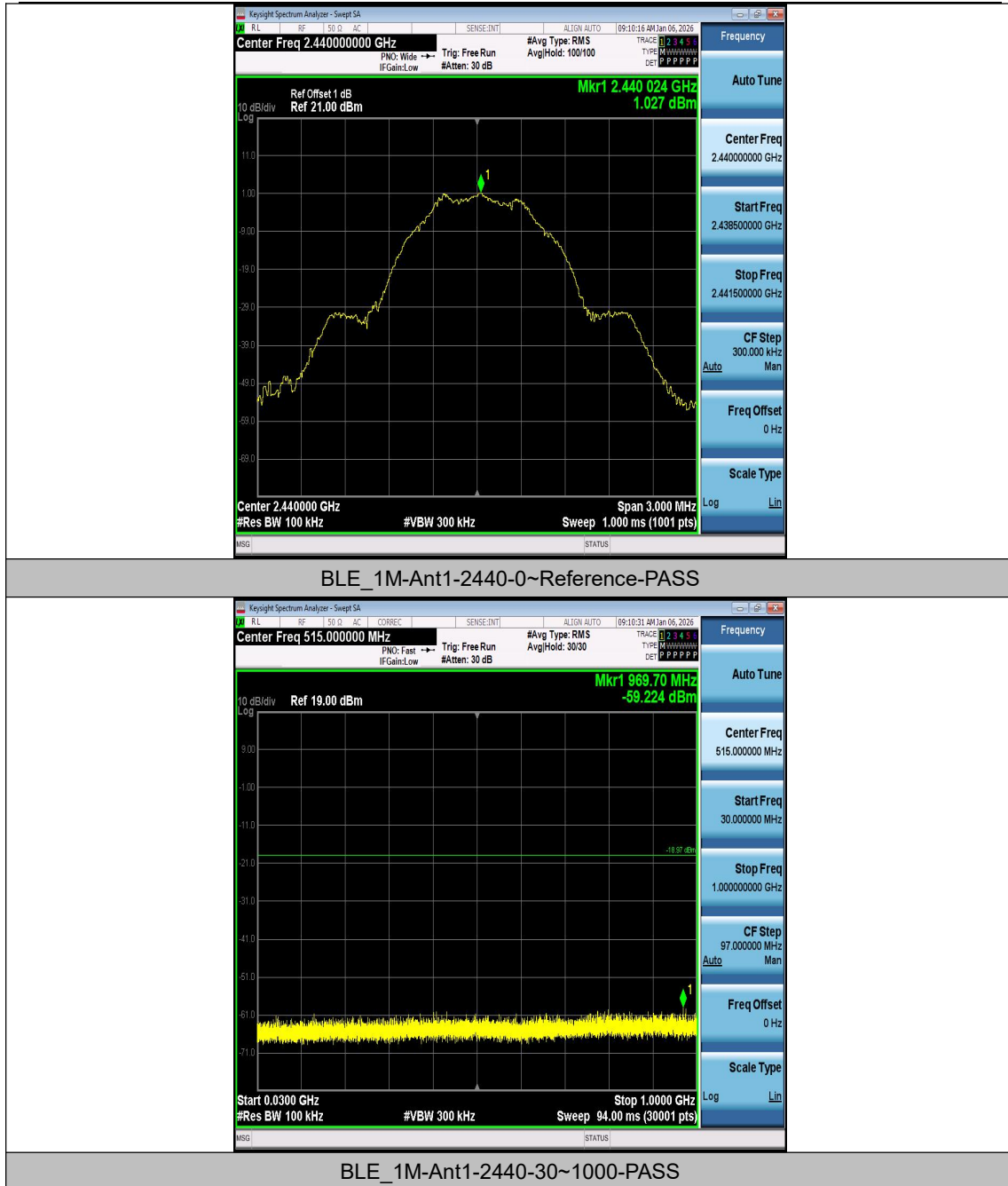




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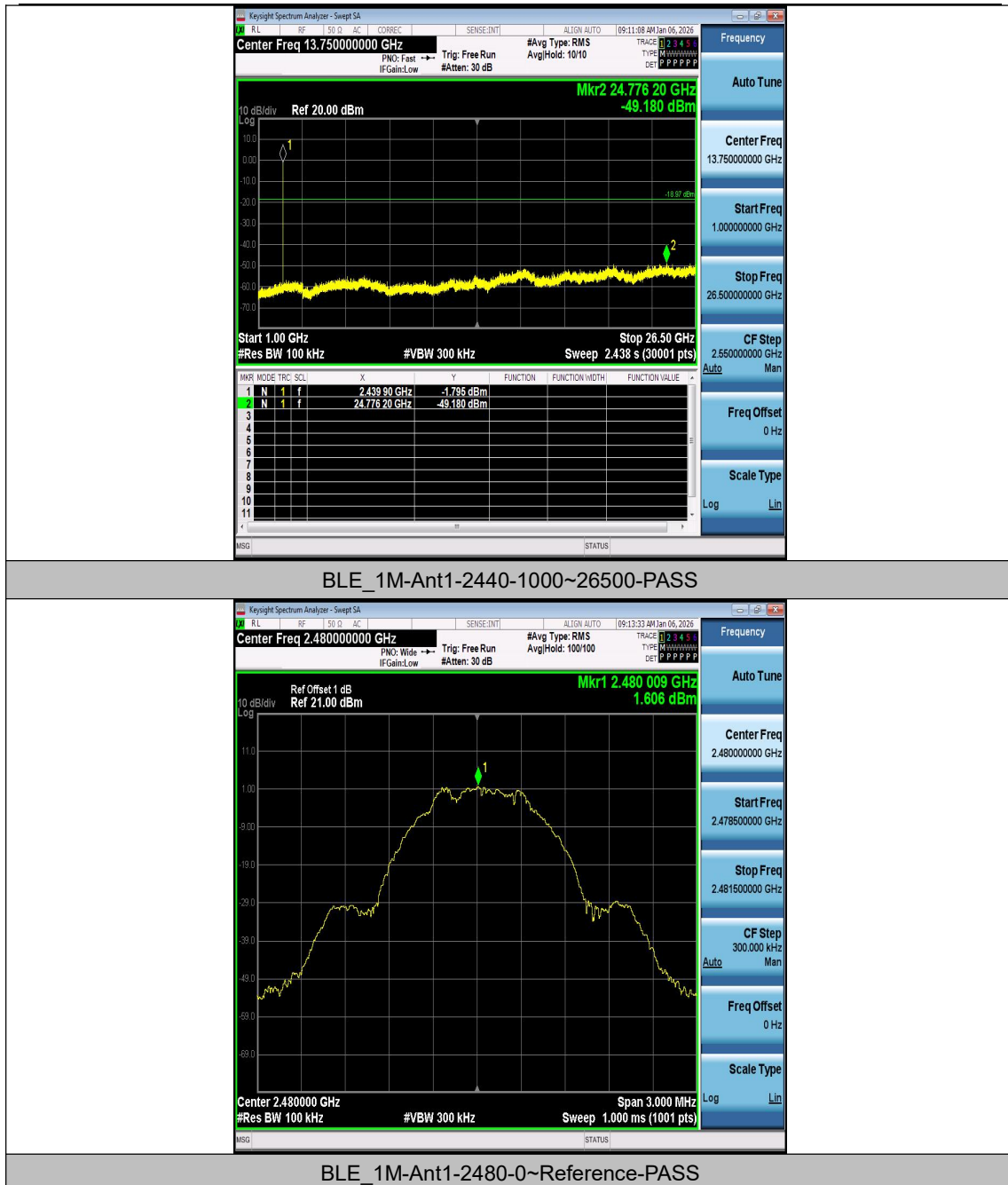
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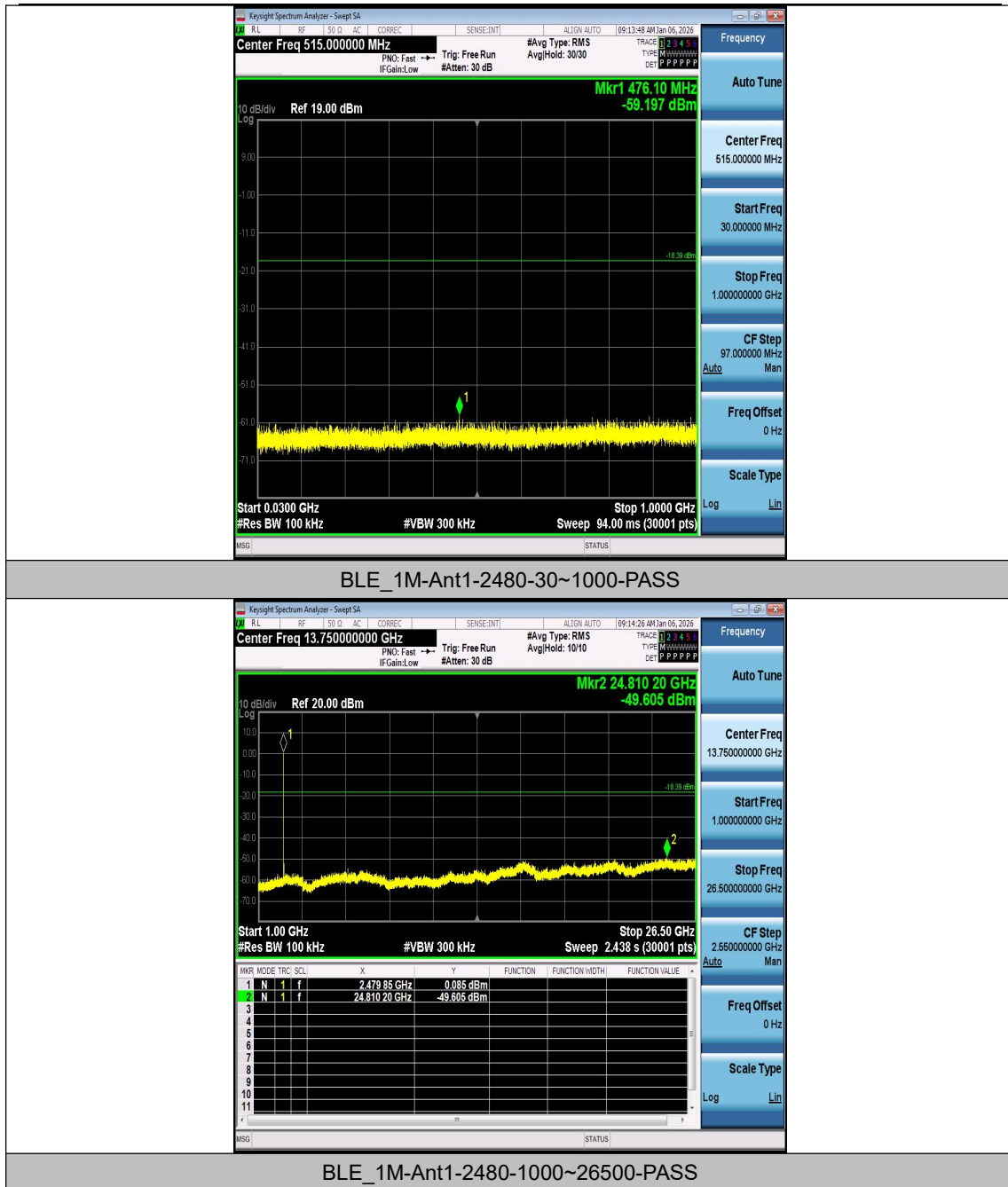
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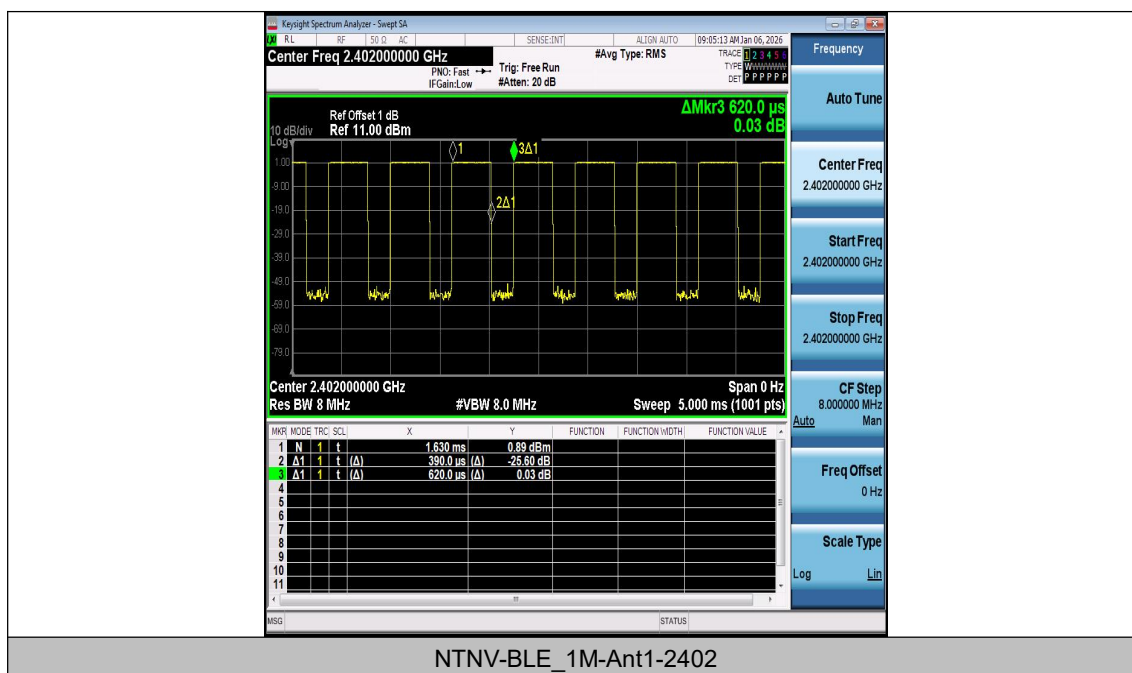
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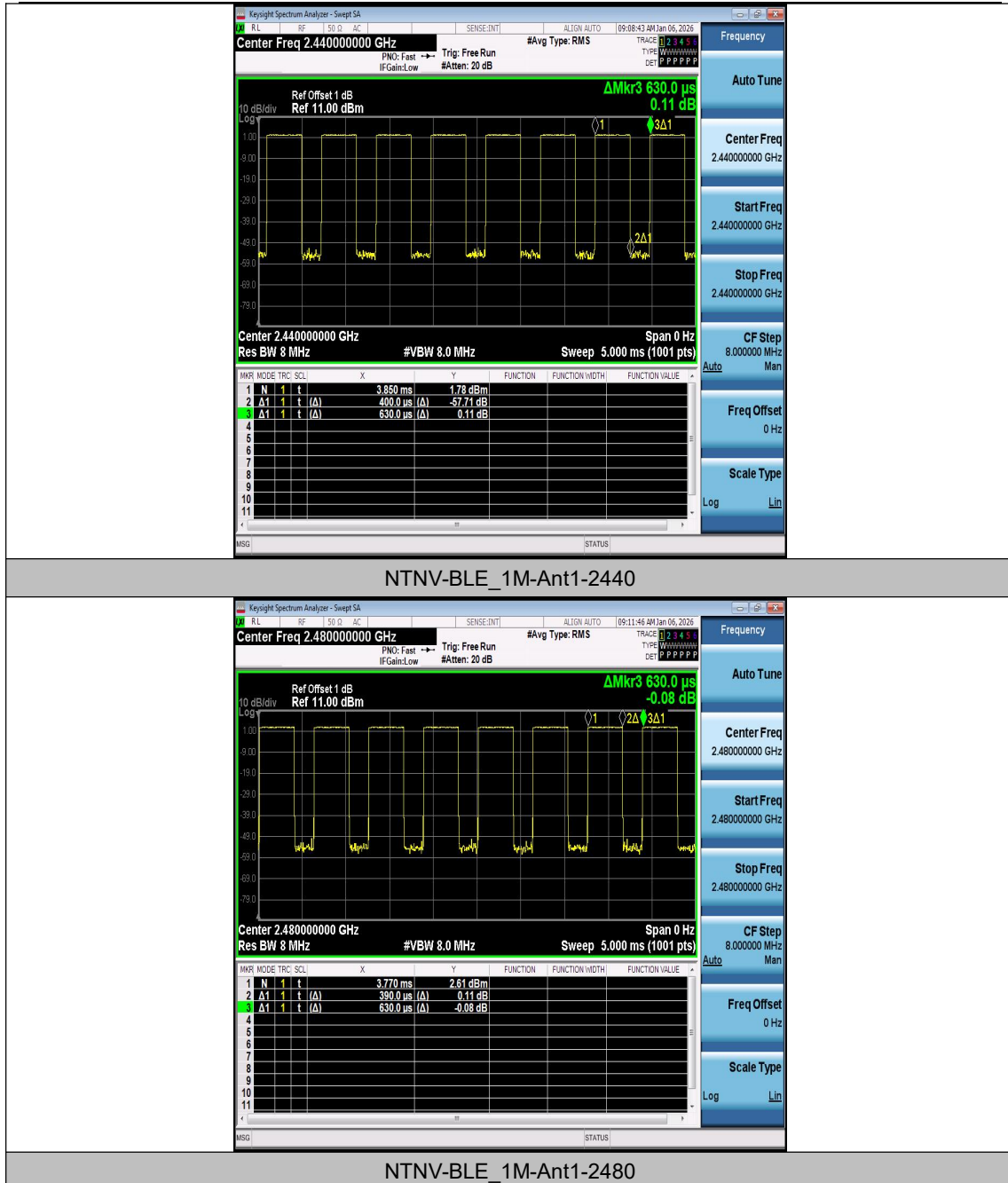
Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	0.39	0.62	62.90	2.01
BLE_1M	Ant1	2440	0.40	0.63	63.49	1.97
BLE_1M	Ant1	2480	0.39	0.63	61.90	2.08

Test Graphs





---End---