

Appendix Test Data

Report No.:	1812C60079012501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-2-26	Finish Test Date:	2026-2-28
Test Engineer:	Huisen Guan	Auditor:	Justin Feng
Temperature:	26.2°C	Relative Humidity:	49%
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	0.644	2401.676	2402.320	0.5	PASS
BLE_1M	Ant1	2440	0.676	2439.664	2440.340	0.5	PASS
BLE_1M	Ant1	2480	0.656	2479.668	2480.324	0.5	PASS

Test Graphs



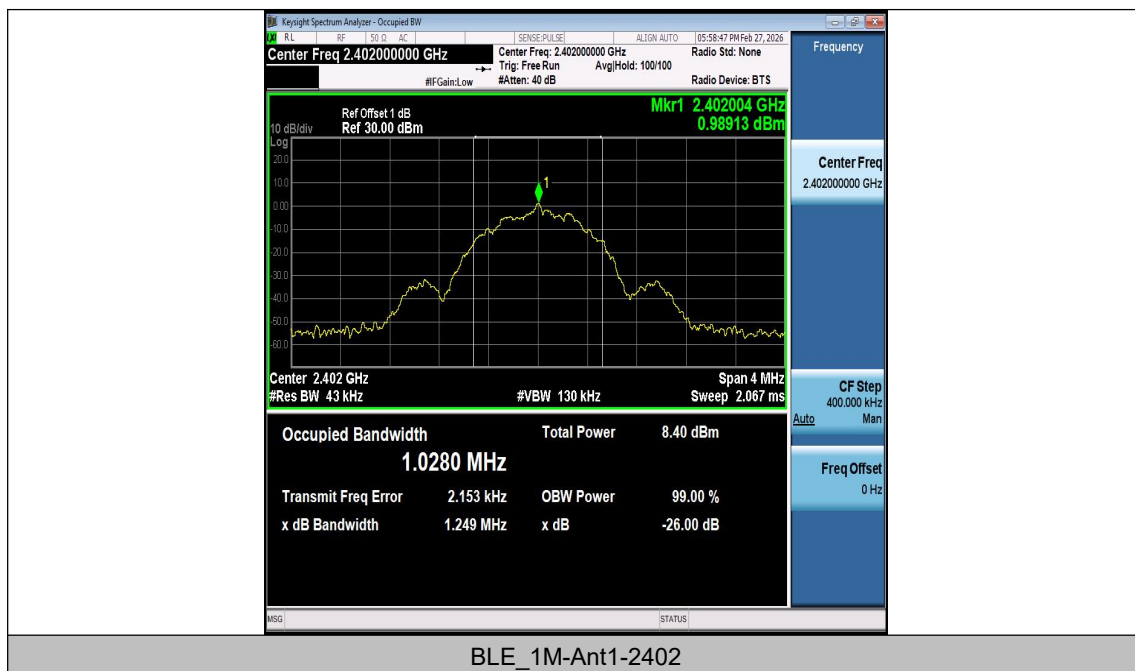


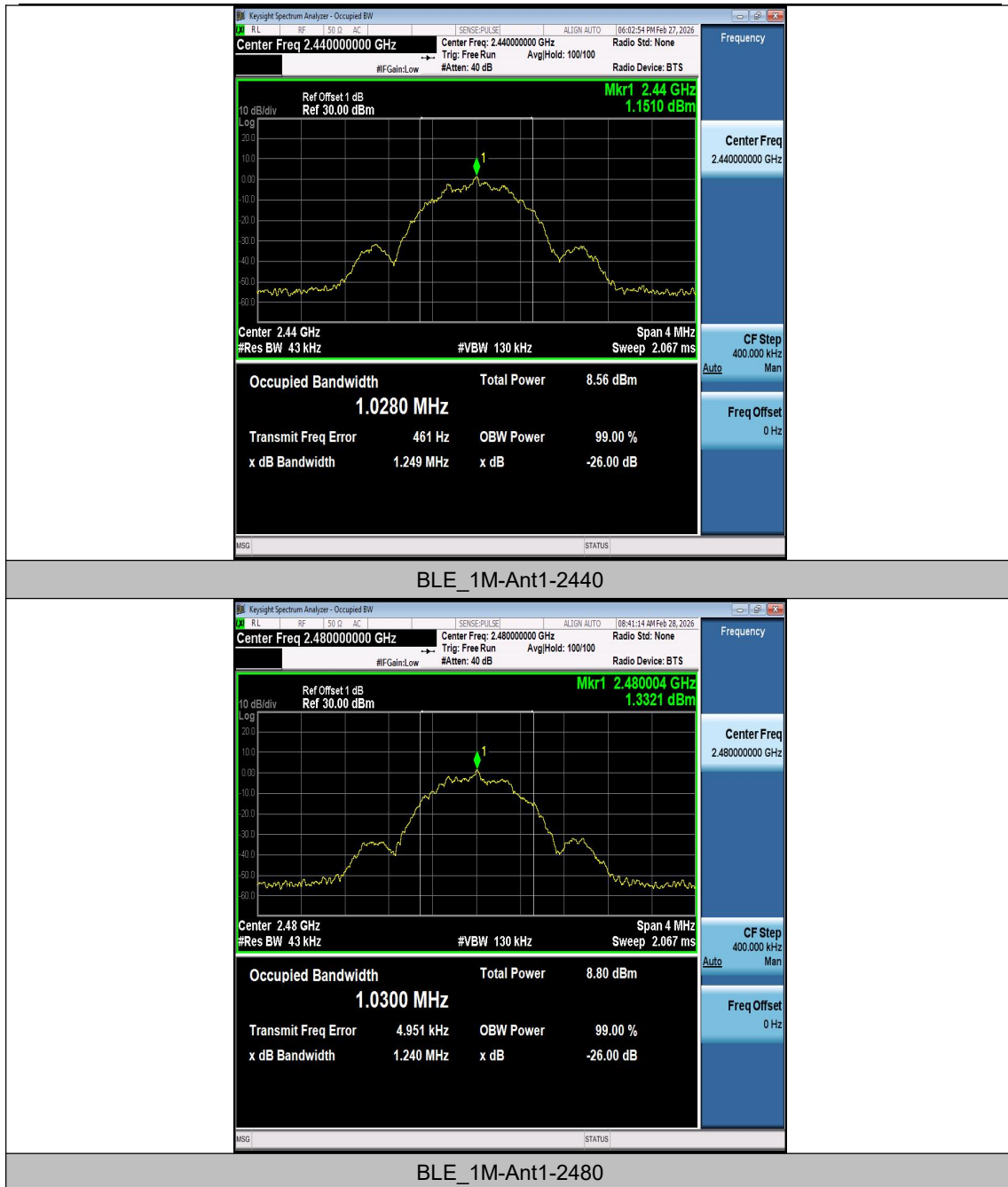
Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0280	2401.4882	2402.5162	---	---
BLE_1M	Ant1	2440	1.0280	2439.4865	2440.5145	---	---
BLE_1M	Ant1	2480	1.0300	2479.4900	2480.5200	---	---

Test Graphs





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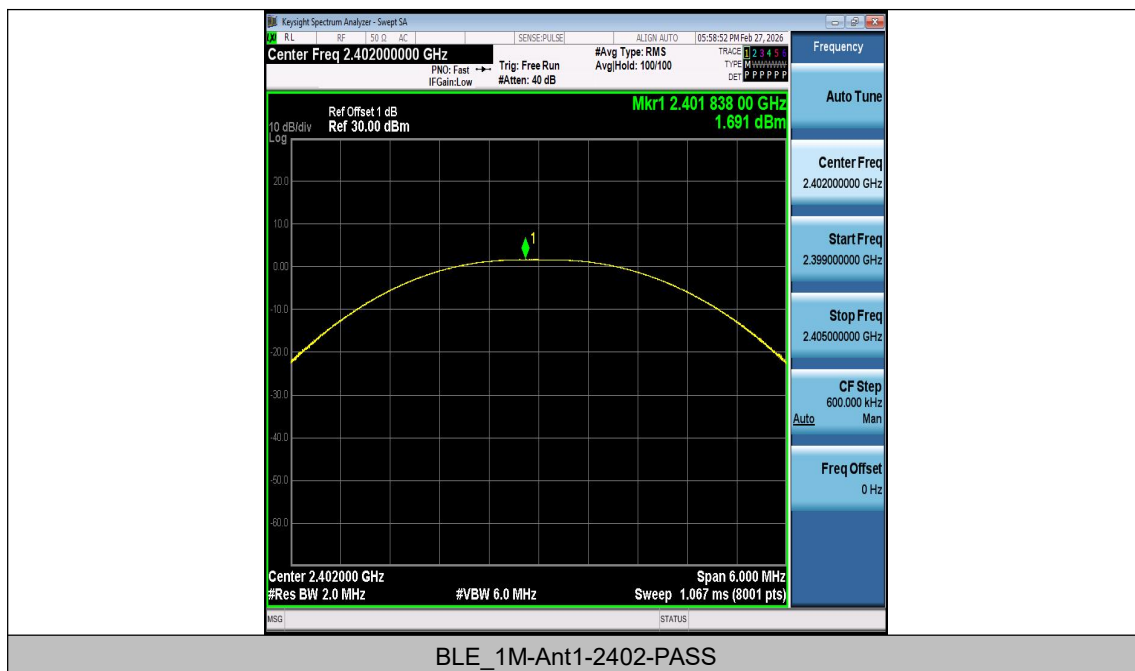
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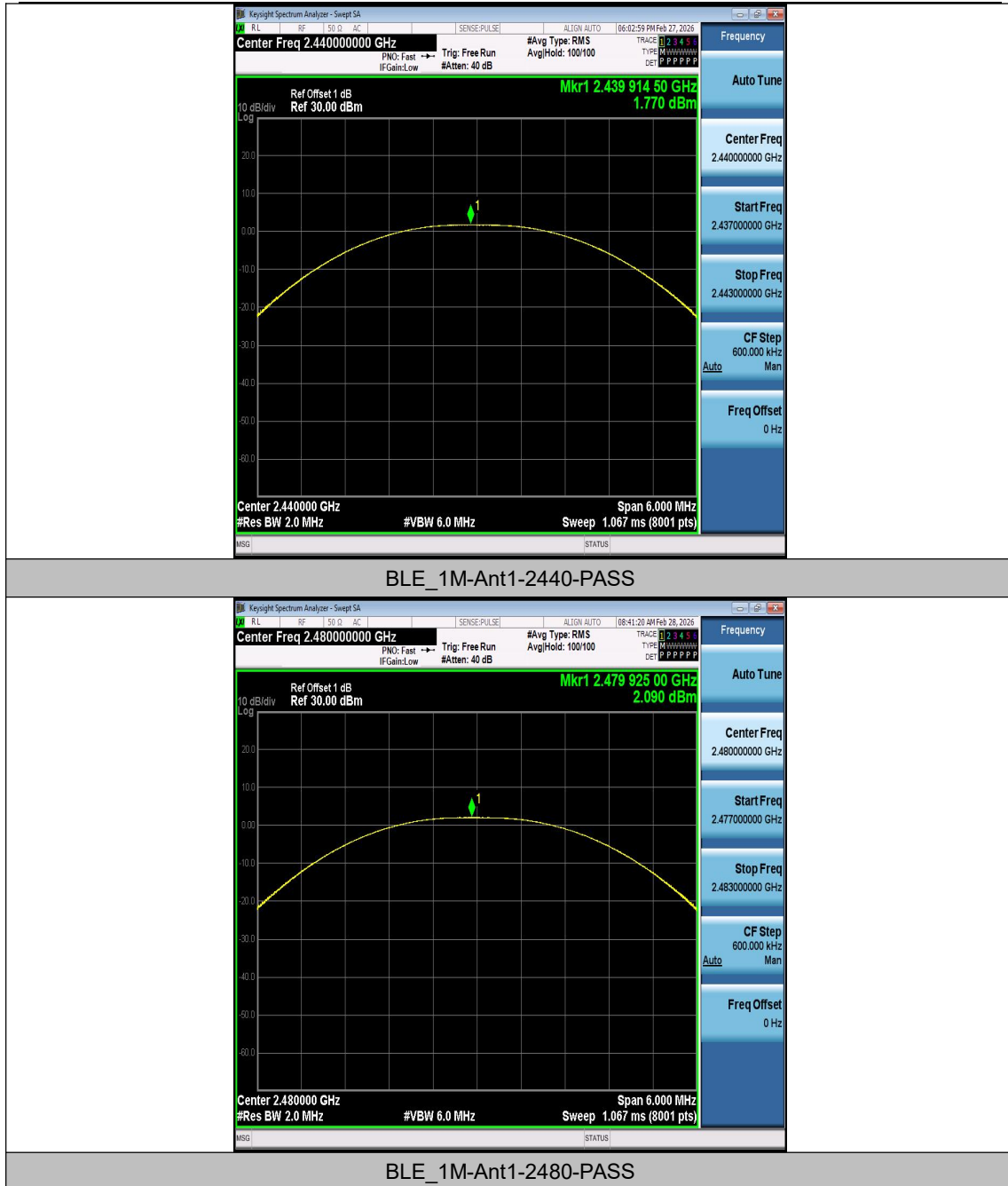
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	1.69	≤30	PASS
BLE_1M	Ant1	2440	1.77	≤30	PASS
BLE_1M	Ant1	2480	2.09	≤30	PASS

Test Graphs Peak





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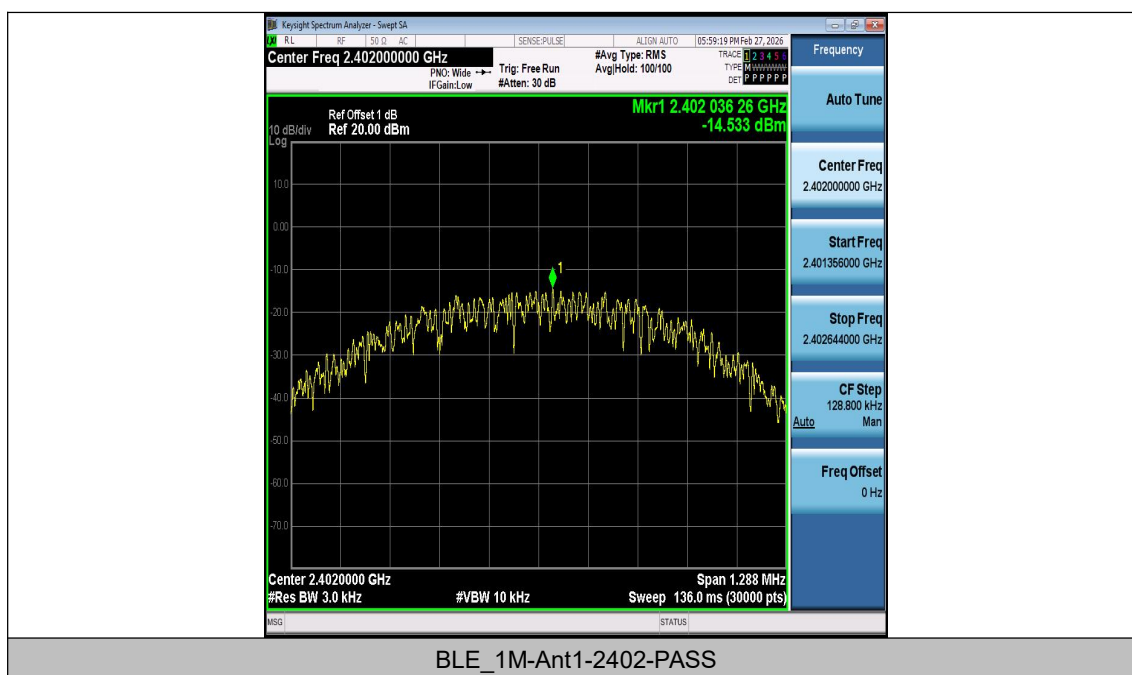
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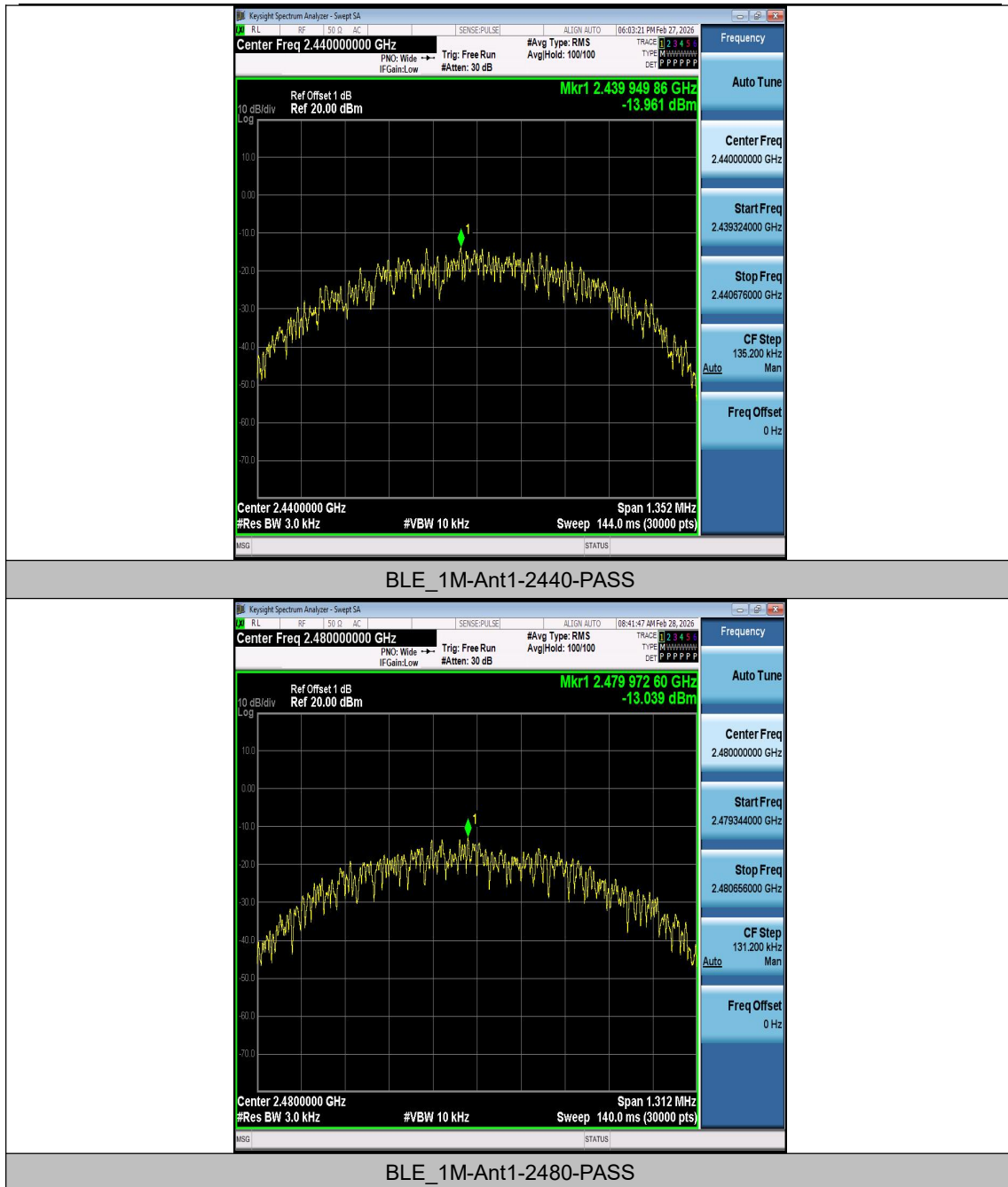
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-14.53	≤8.00	PASS
BLE_1M	Ant1	2440	-13.96	≤8.00	PASS
BLE_1M	Ant1	2480	-13.04	≤8.00	PASS

Test Graphs





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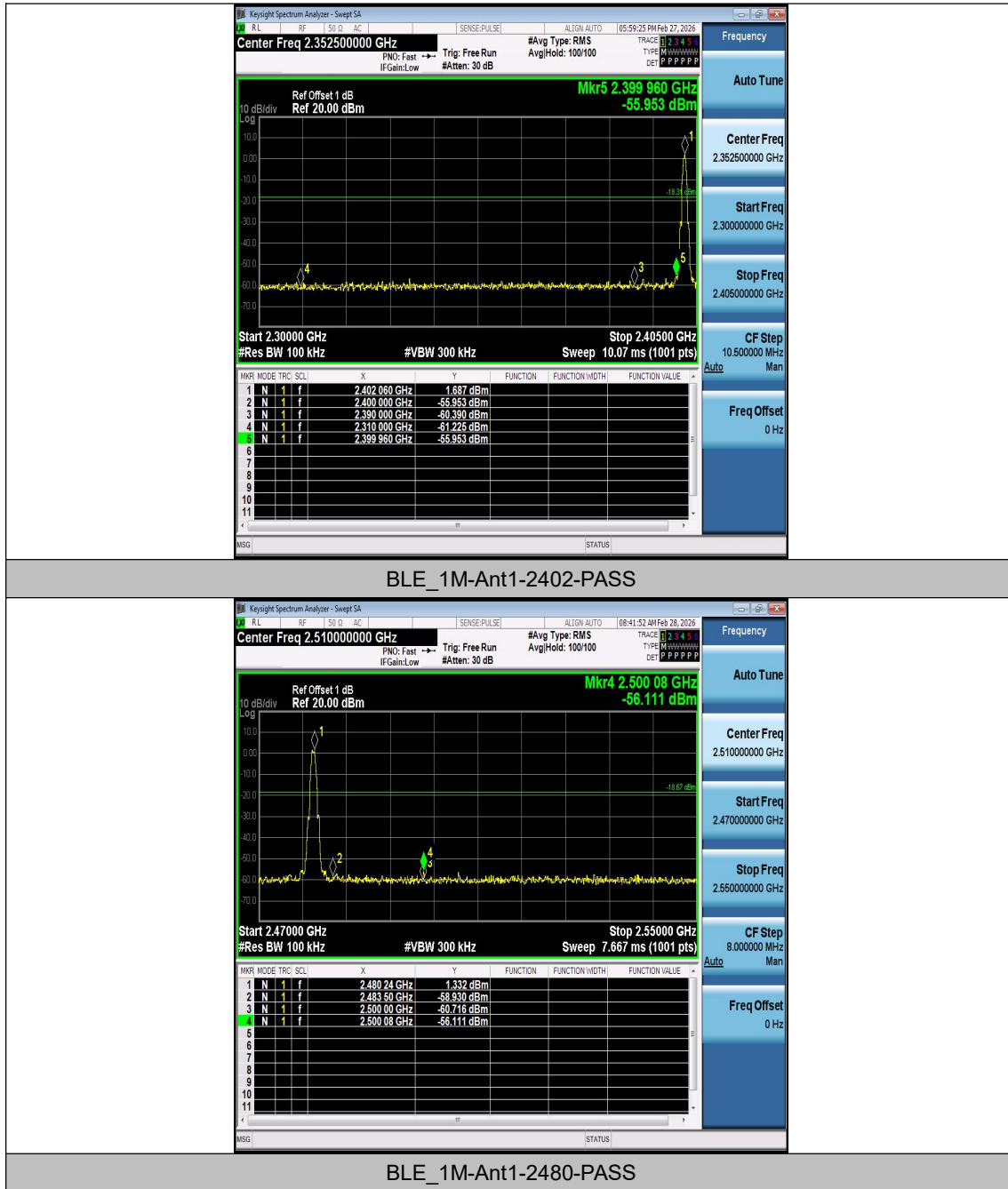
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	1.69	-55.95	≤-18.31	PASS
BLE_1M	Ant1	High	2480	1.33	-56.11	≤-18.67	PASS

Test Graphs



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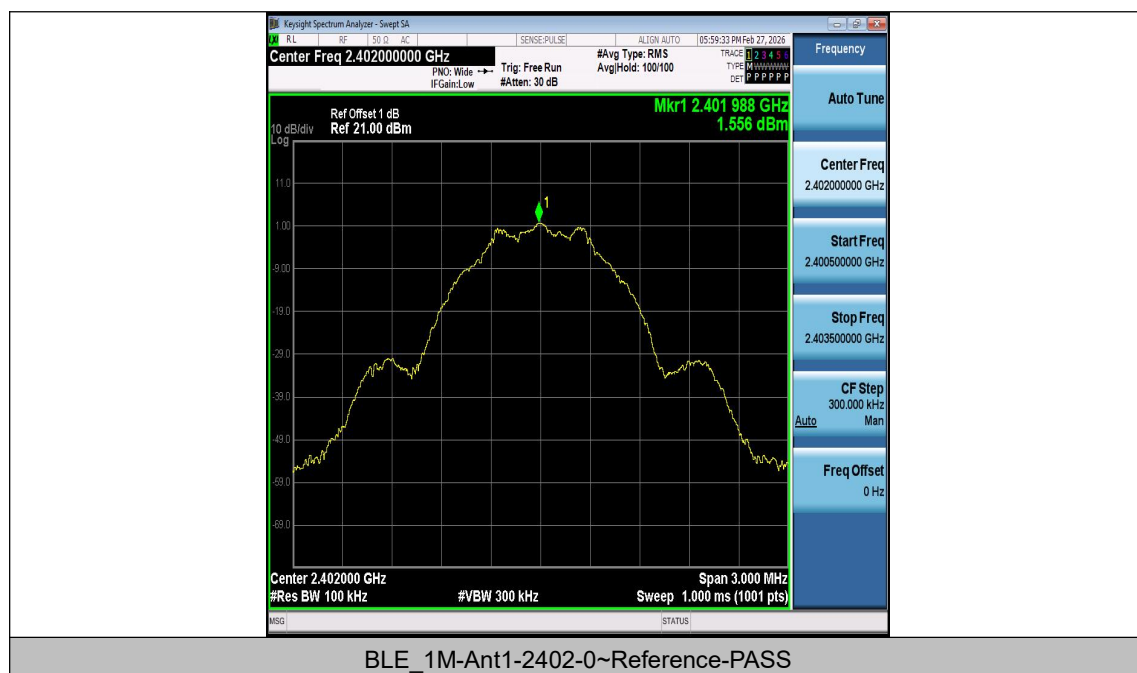
Appendix F: Conducted Spurious Emission

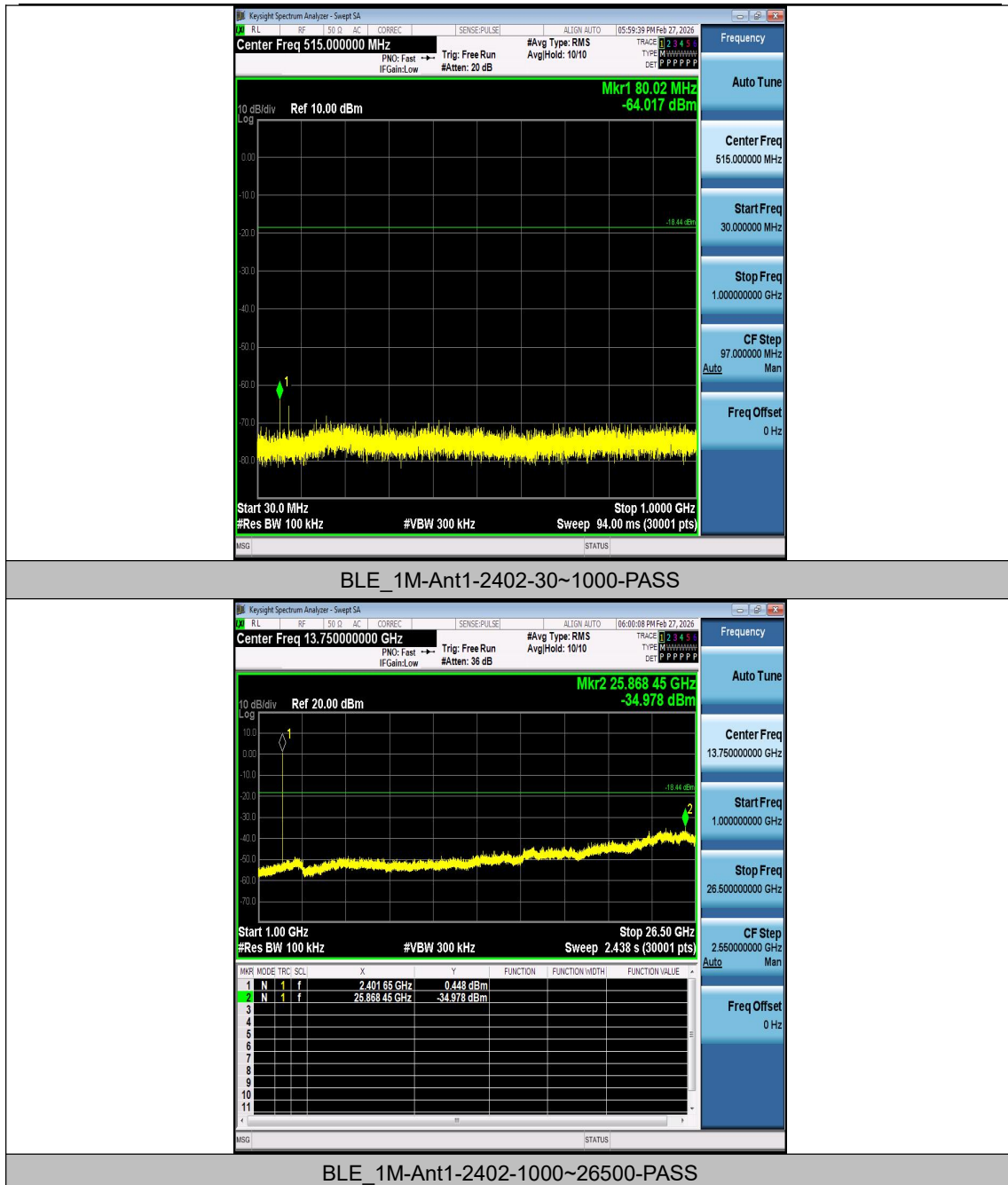
Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	1.56	1.56	---	PASS
BLE_1M	Ant1	2402	30~1000	1.56	-64.02	≤-18.44	PASS
BLE_1M	Ant1	2402	1000~26500	1.56	-34.98	≤-18.44	PASS
BLE_1M	Ant1	2440	0~Reference	1.36	1.36	---	PASS
BLE_1M	Ant1	2440	30~1000	1.36	-63.67	≤-18.64	PASS
BLE_1M	Ant1	2440	1000~26500	1.36	-35.68	≤-18.64	PASS
BLE_1M	Ant1	2480	0~Reference	2.07	2.07	---	PASS
BLE_1M	Ant1	2480	30~1000	2.07	-65.6	≤-17.93	PASS
BLE_1M	Ant1	2480	1000~26500	2.07	-36.83	≤-17.93	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

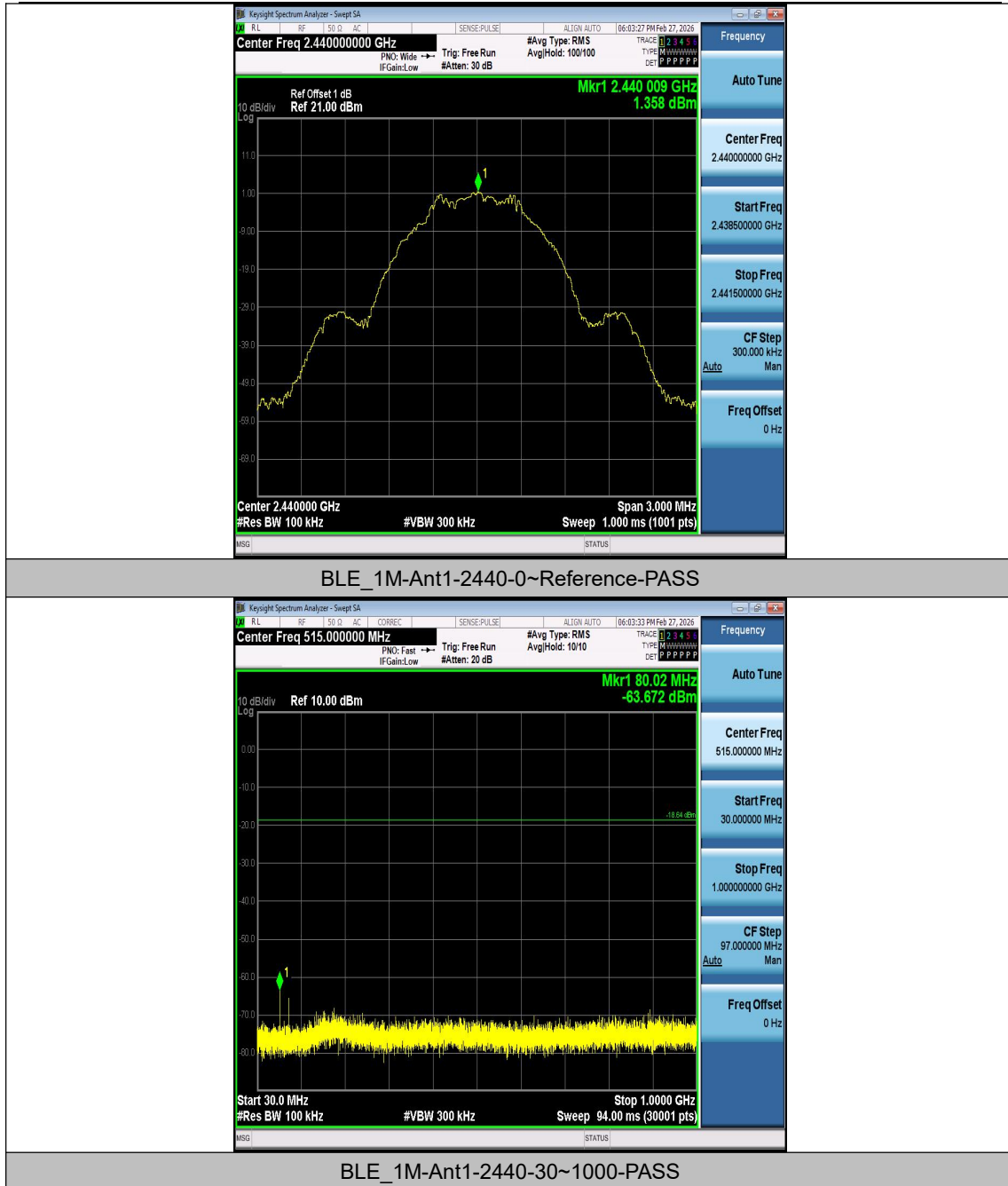




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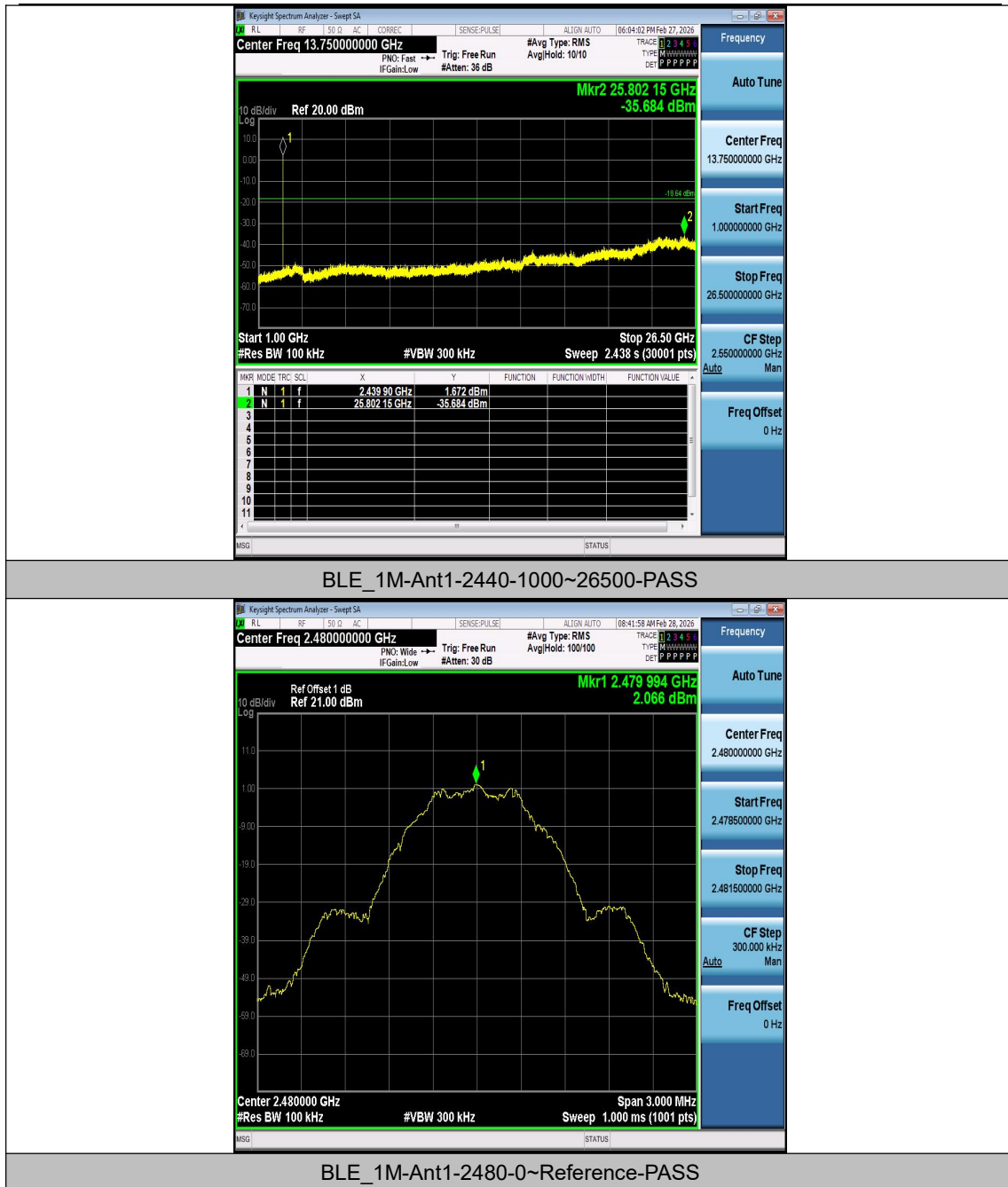
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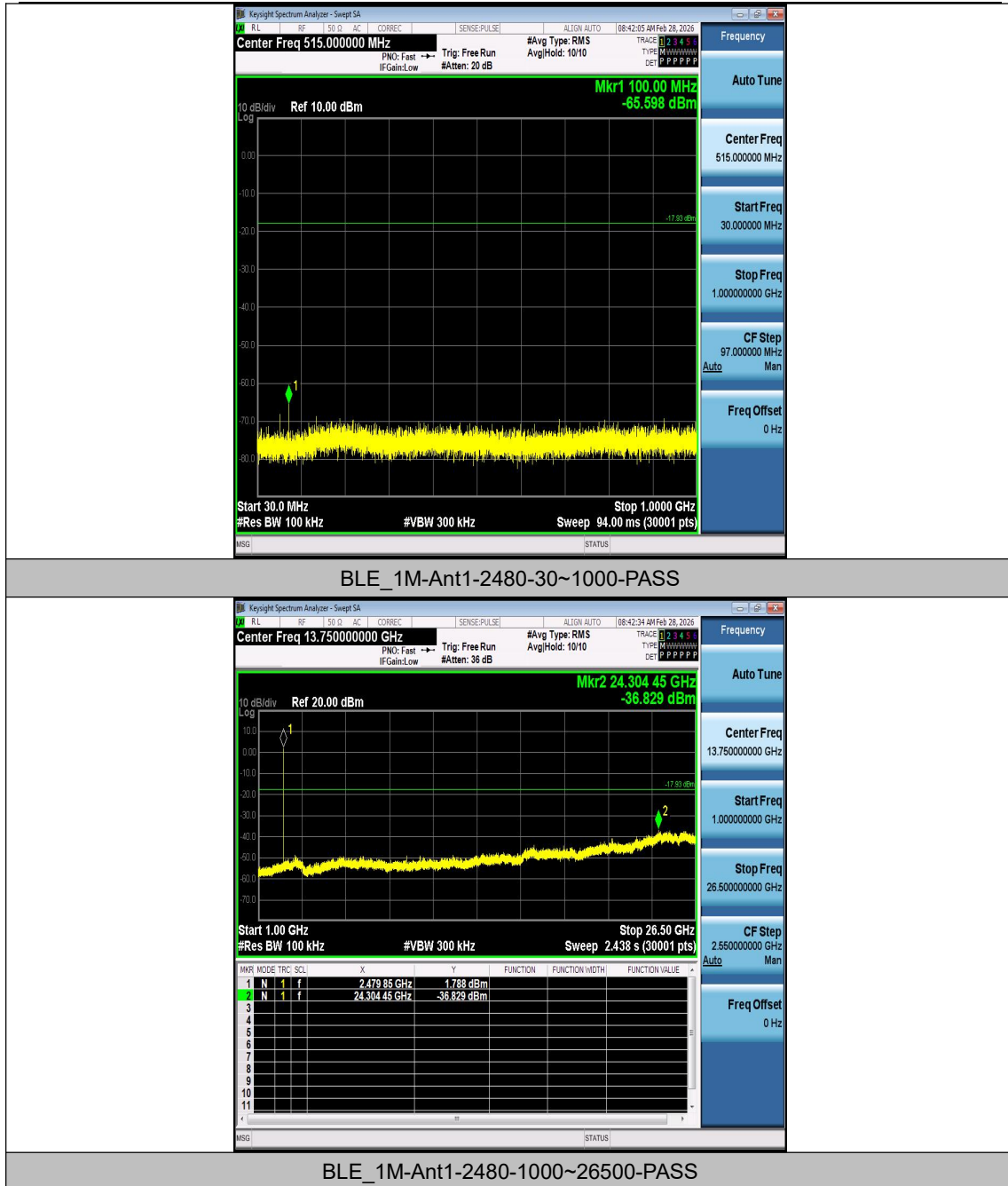
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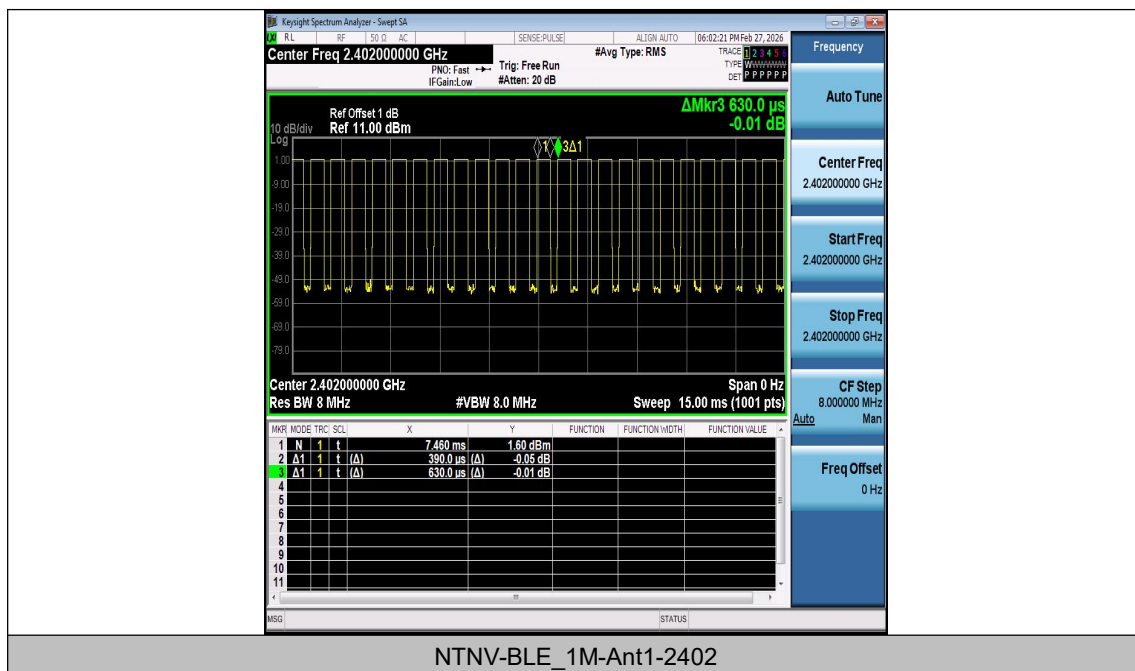
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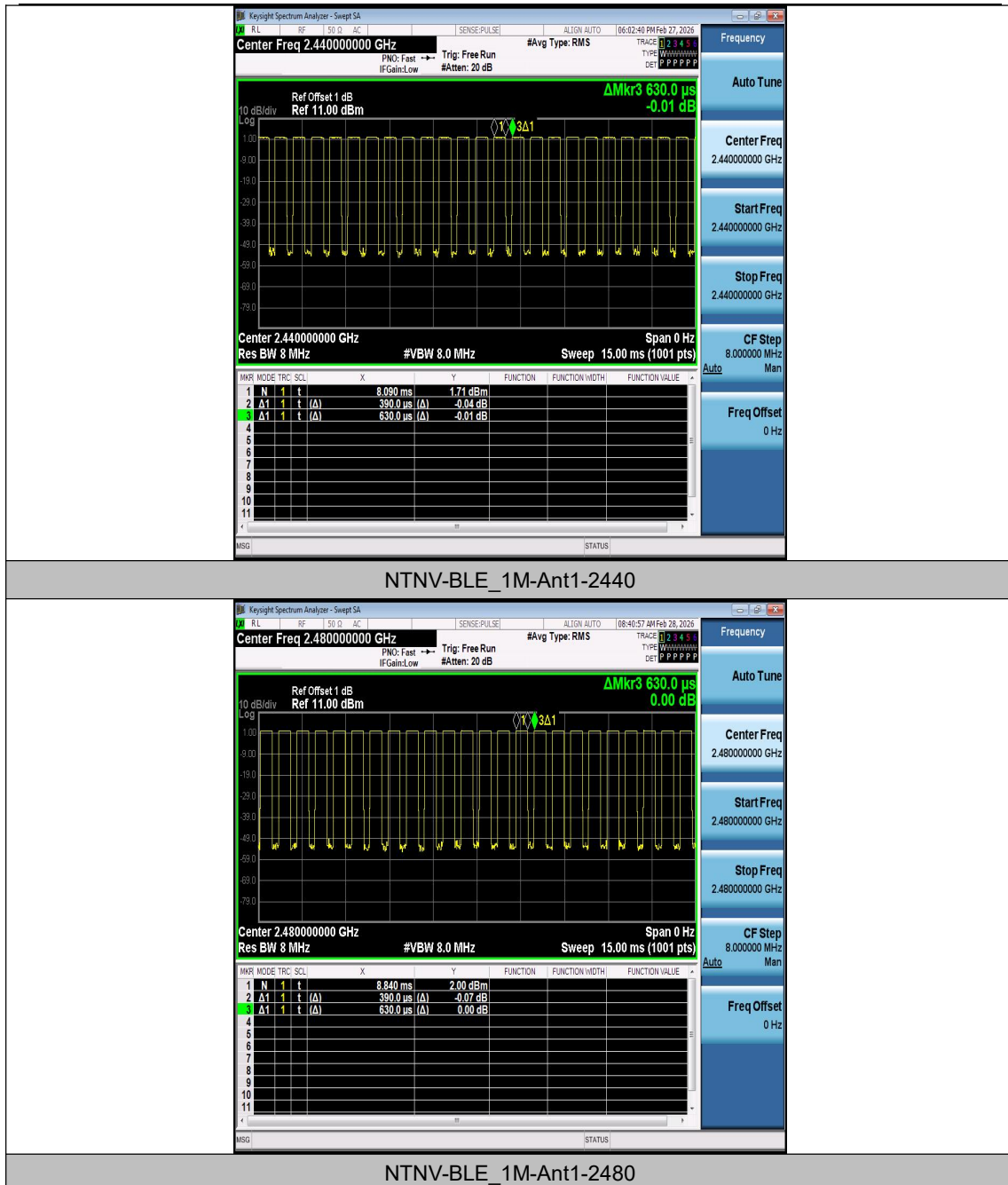
Appendix G: Duty Cycle

Test Result

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

Test Graphs





---End---