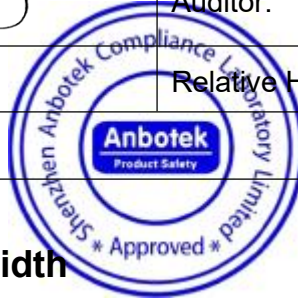


Appendix Test Data

Report No.:	1812C50703212501-01	Test Sample No.:	1-2-2
Start Test Date:	2025-12-30	Finish Test Date:	2026-1-6
Test Engineer:	Alex Peng	Auditor:	Justin Feng
Temperature:	19.7°C	Relative Humidity:	62%
Pressure:	101kPa		



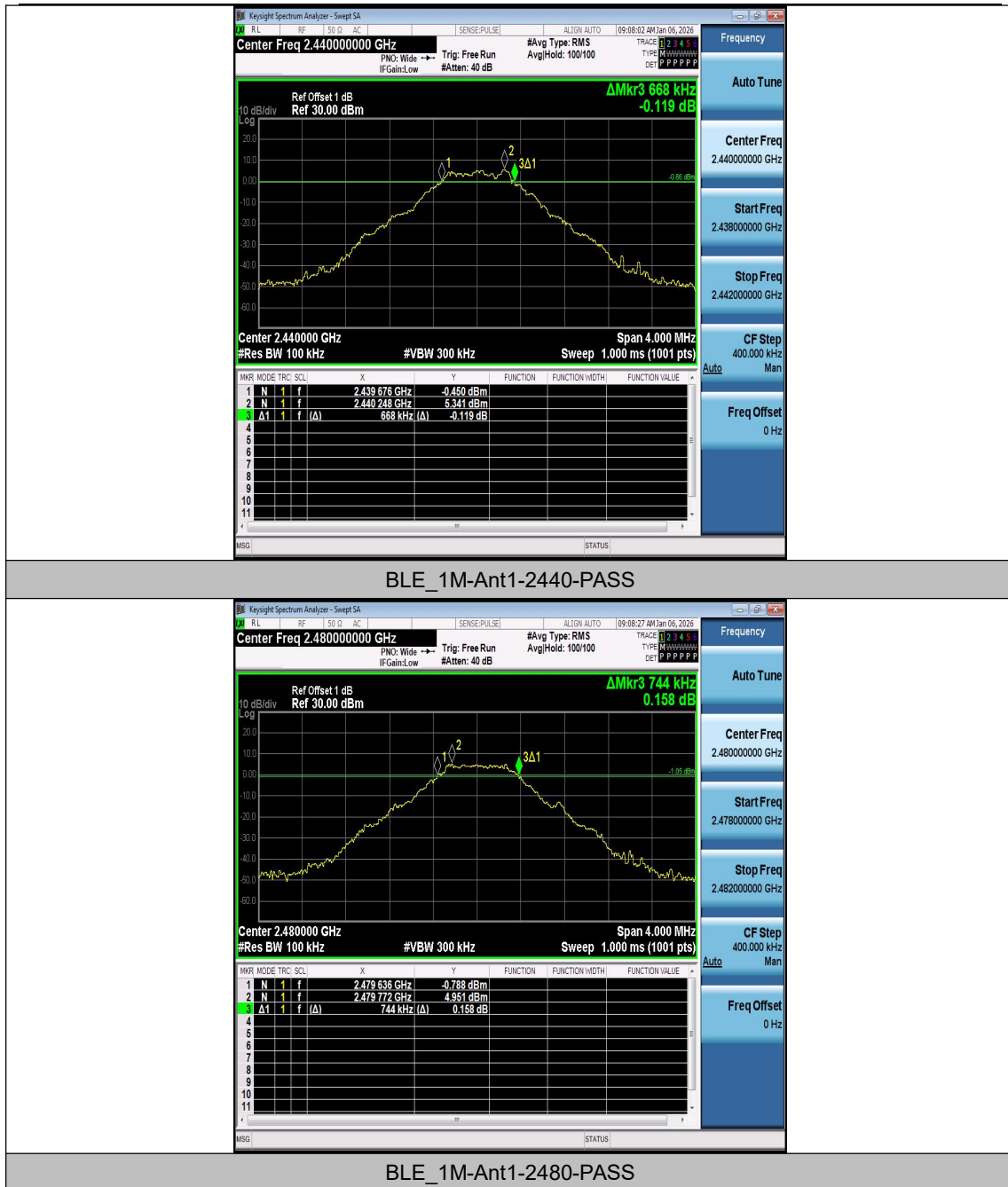
Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.688	2401.668	2402.356	0.5	PASS
BLE_1M	Ant1	2440	0.668	2439.676	2440.344	0.5	PASS
BLE_1M	Ant1	2480	0.744	2479.636	2480.380	0.5	PASS

Test Graphs





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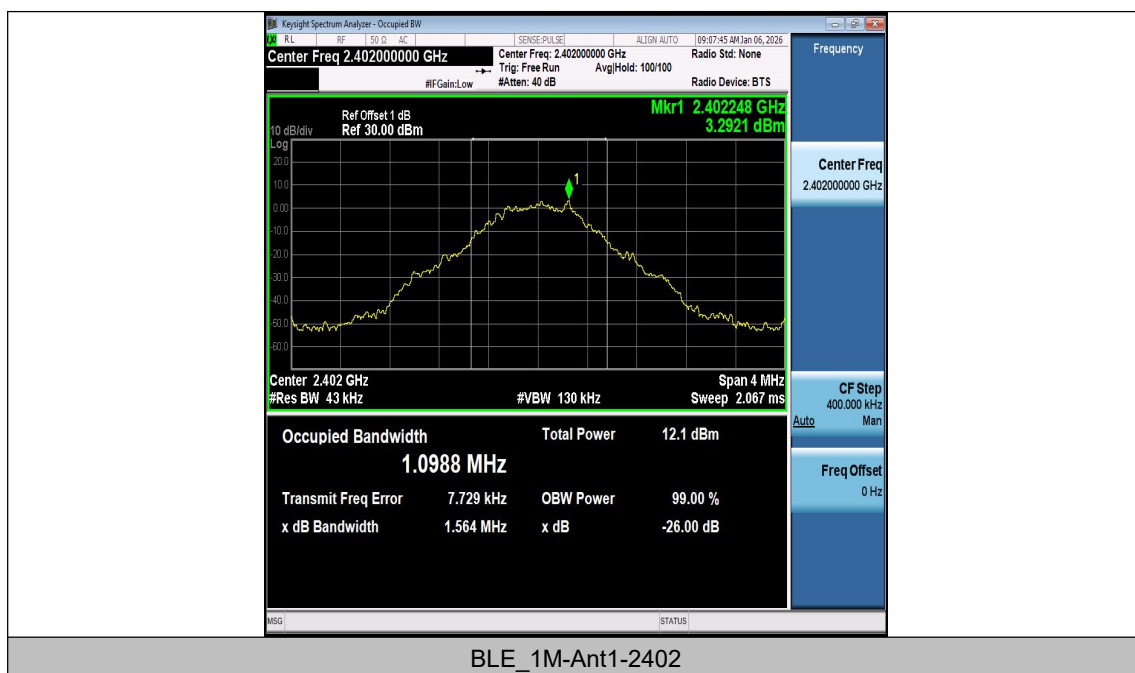
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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0988	2401.4583	2402.5571	---	---
BLE_1M	Ant1	2440	1.1483	2439.4325	2440.5808	---	---
BLE_1M	Ant1	2480	1.1680	2479.4112	2480.5792	---	---

Test Graphs





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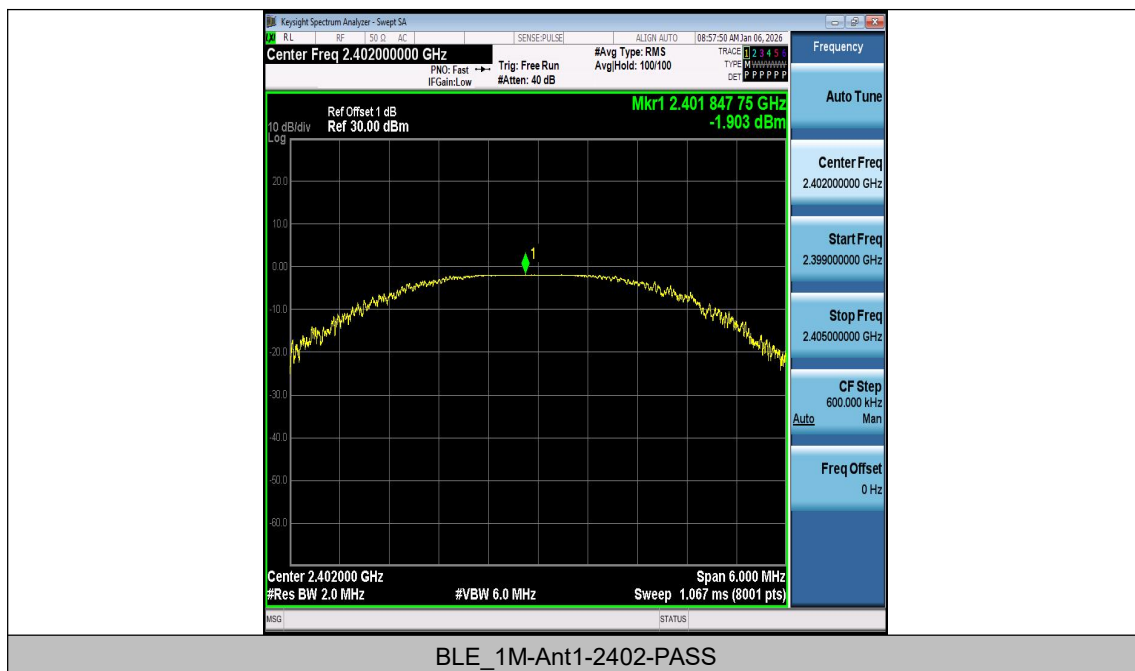
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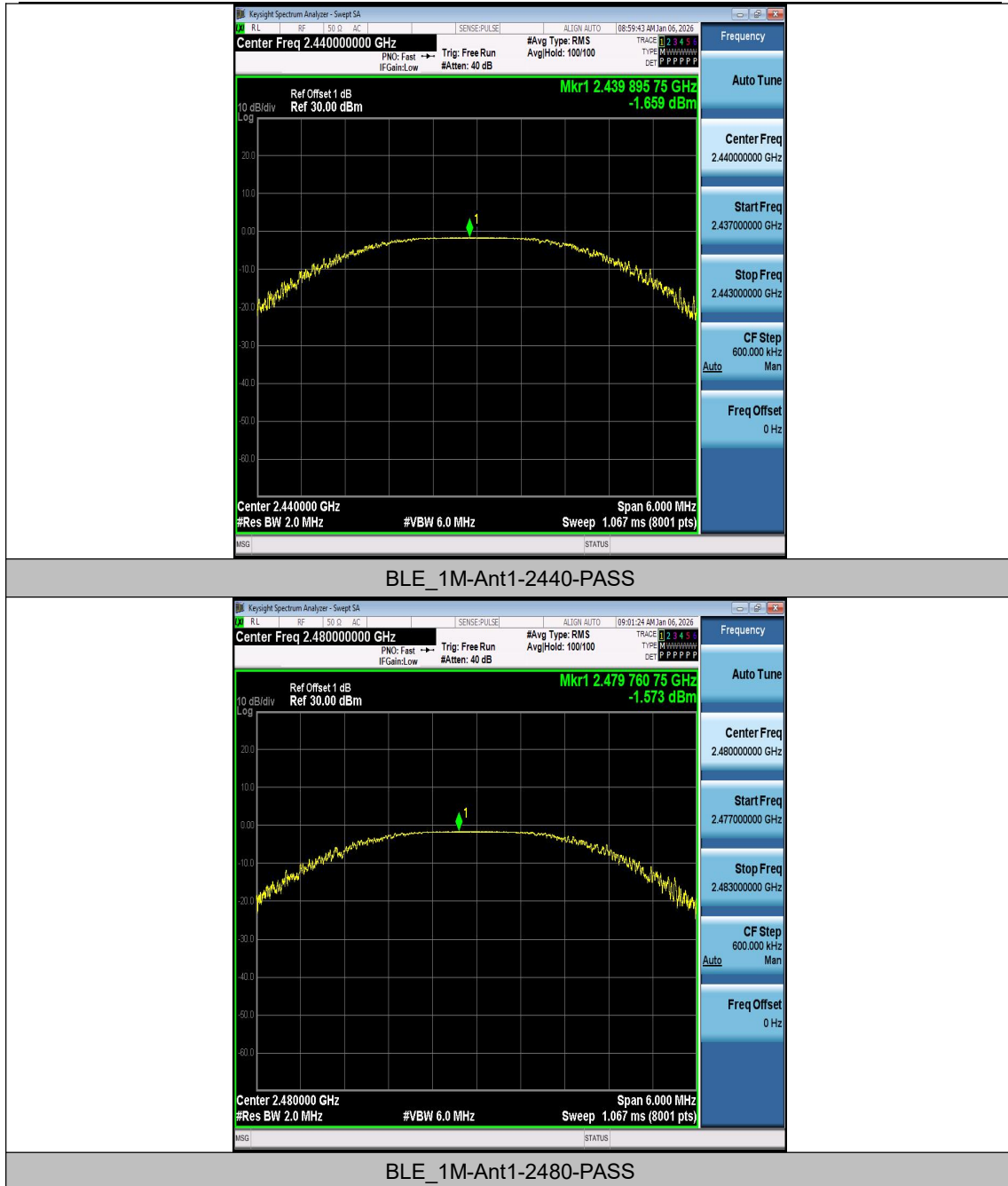
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-1.90	≤30	PASS
BLE_1M	Ant1	2440	-1.66	≤30	PASS
BLE_1M	Ant1	2480	-1.57	≤30	PASS

Test Graphs Peak





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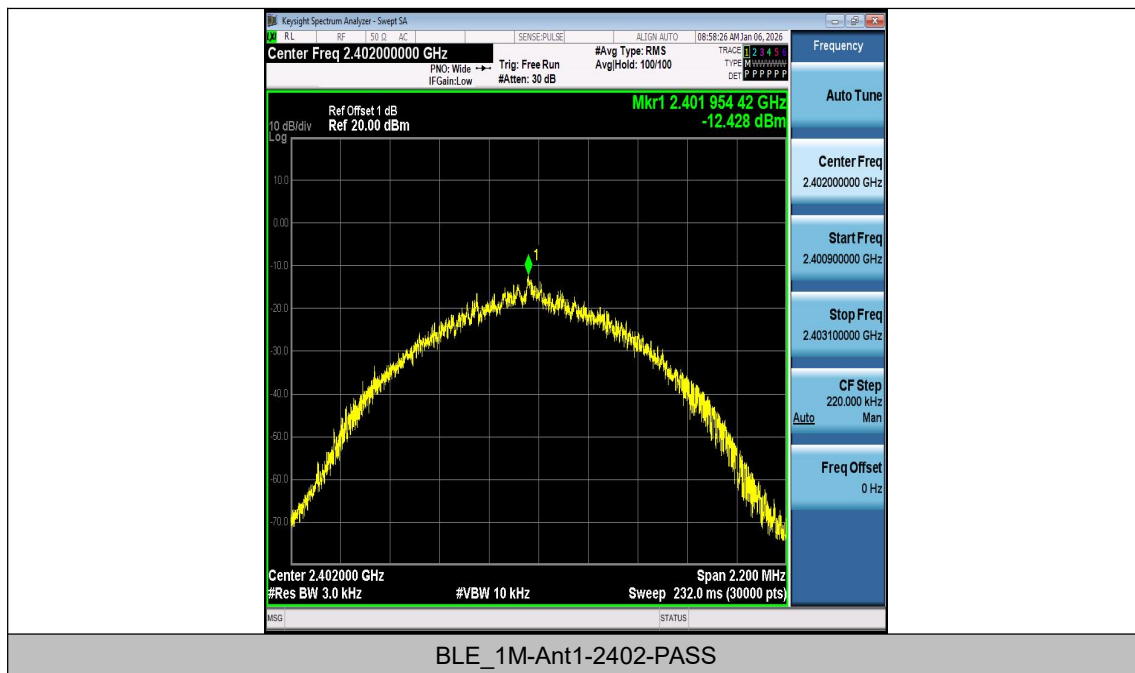
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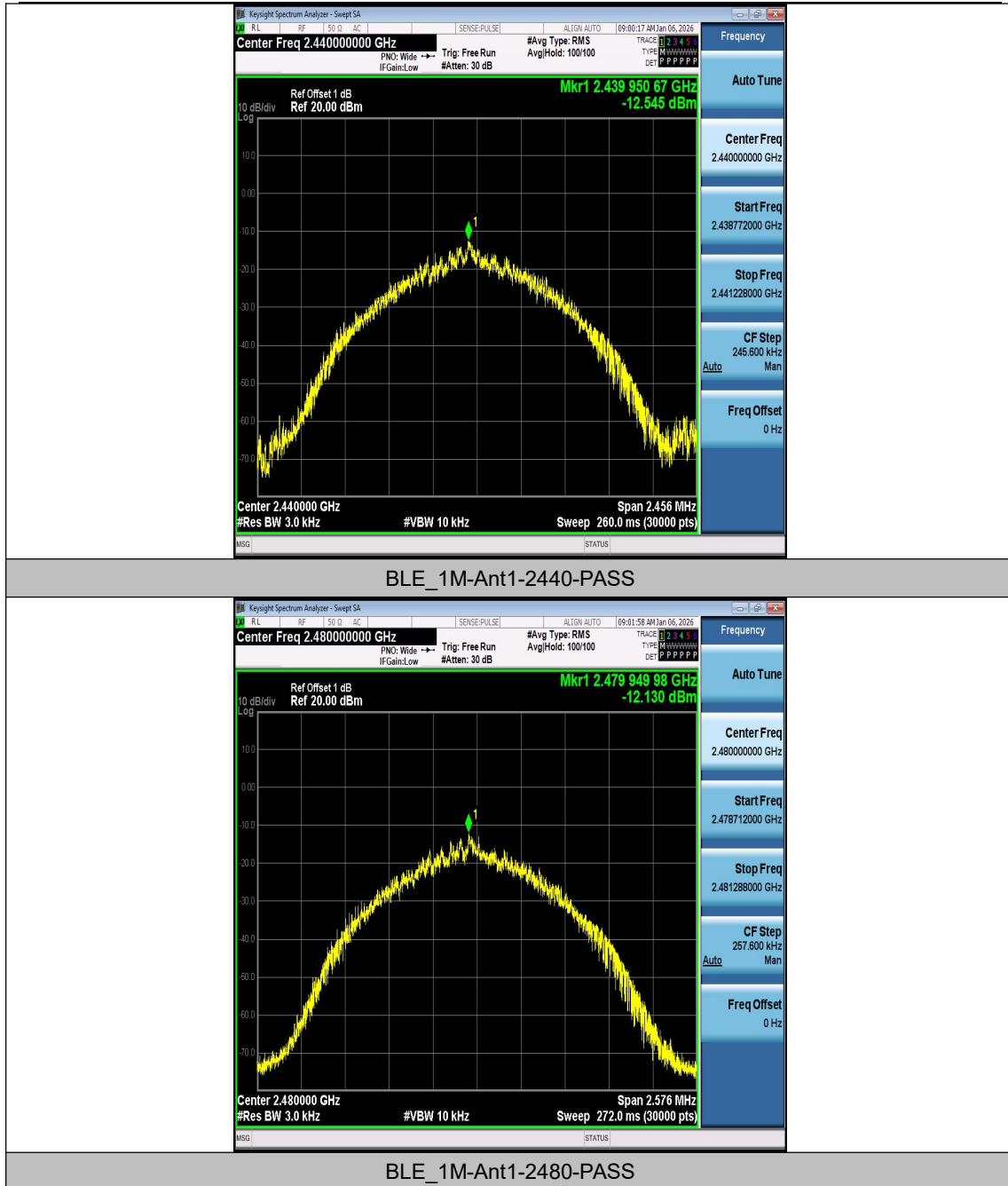
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-12.43	≤8.00	PASS
BLE_1M	Ant1	2440	-12.55	≤8.00	PASS
BLE_1M	Ant1	2480	-12.13	≤8.00	PASS

Test Graphs





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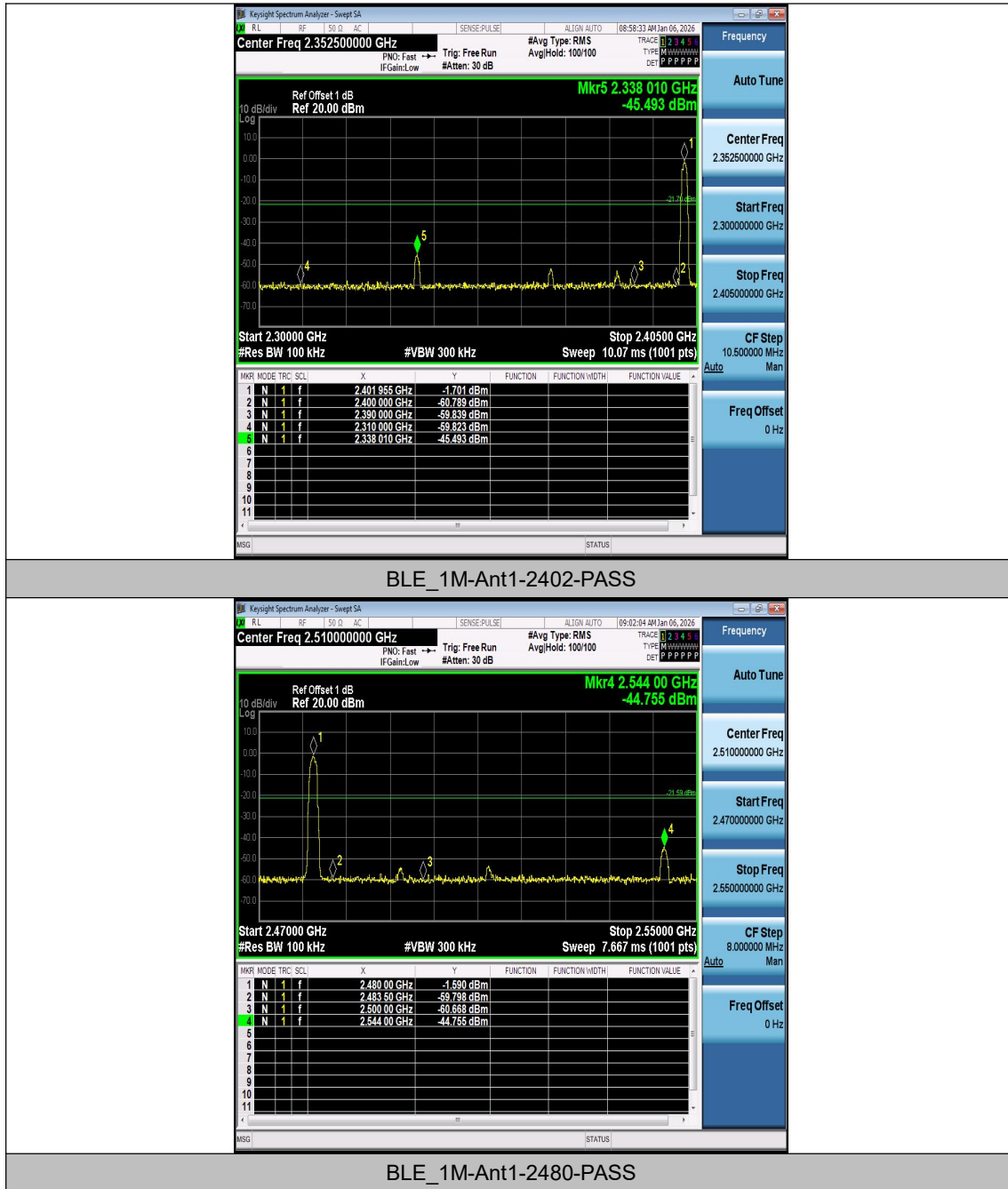
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-1.70	-45.49	≤ -21.7	PASS
BLE_1M	Ant1	High	2480	-1.59	-44.76	≤ -21.59	PASS

Test Graphs



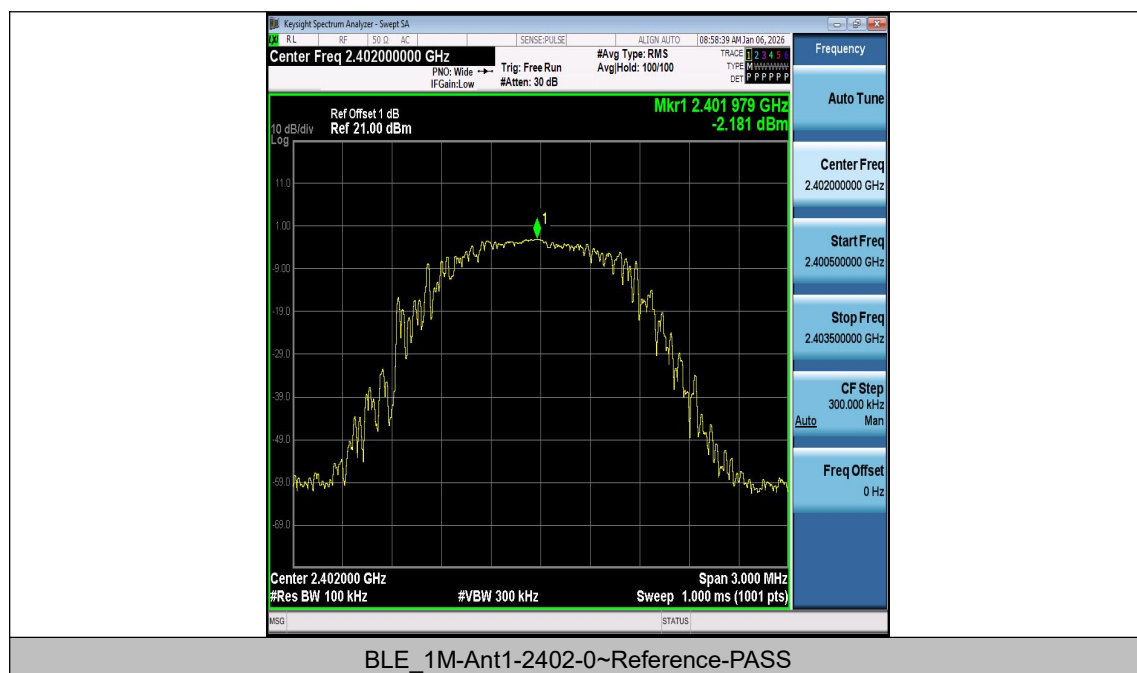
Appendix F: Conducted Spurious Emission

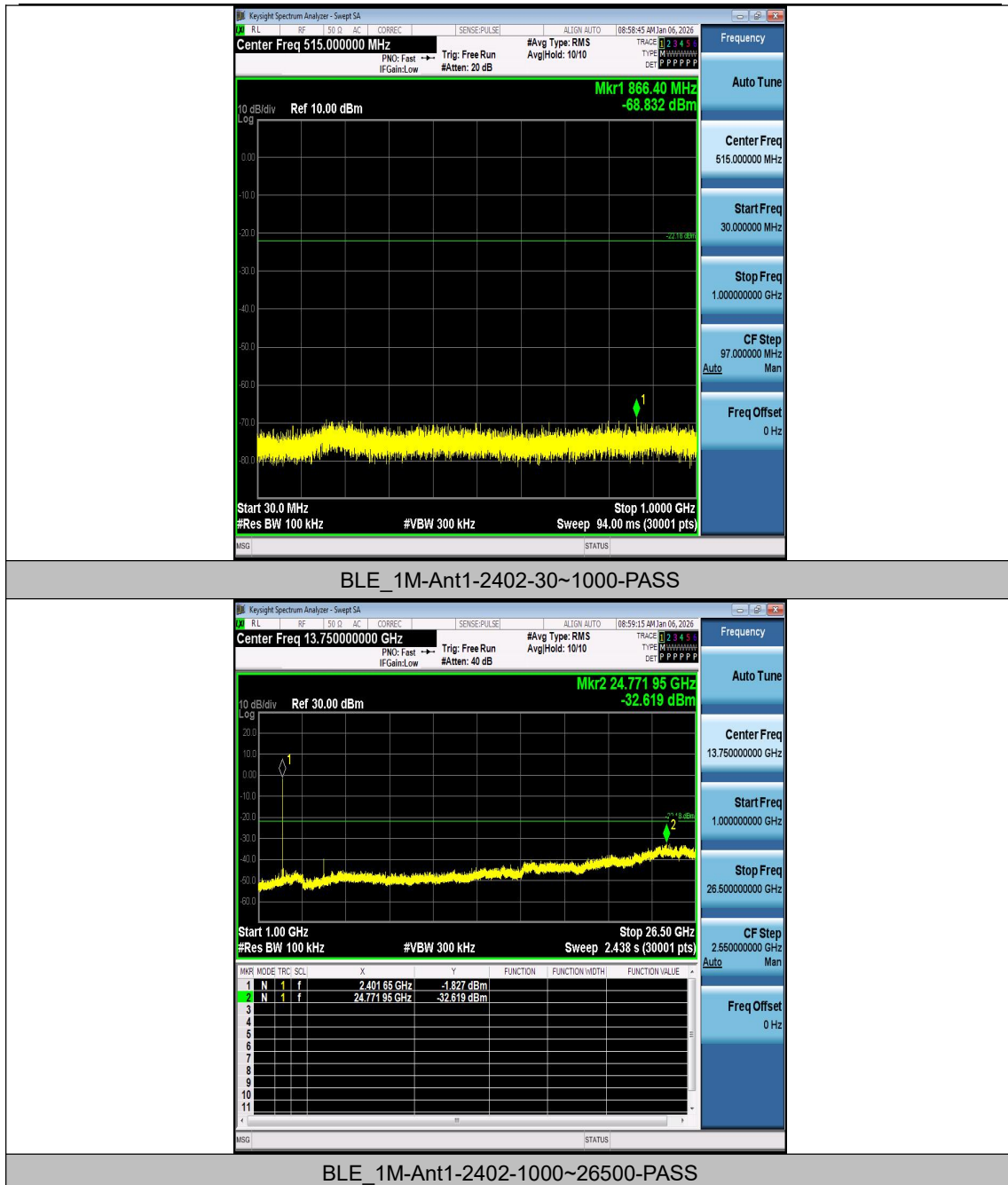
Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-2.18	-2.18	---	PASS
BLE_1M	Ant1	2402	30~1000	-2.18	-68.83	≤-22.18	PASS
BLE_1M	Ant1	2402	1000~26500	-2.18	-32.62	≤-22.18	PASS
BLE_1M	Ant1	2440	0~Reference	-1.90	-1.90	---	PASS
BLE_1M	Ant1	2440	30~1000	-1.90	-68.95	≤-21.9	PASS
BLE_1M	Ant1	2440	1000~26500	-1.90	-32.89	≤-21.9	PASS
BLE_1M	Ant1	2480	0~Reference	-1.95	-1.95	---	PASS
BLE_1M	Ant1	2480	30~1000	-1.95	-69	≤-21.95	PASS
BLE_1M	Ant1	2480	1000~26500	-1.95	-33.1	≤-21.95	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

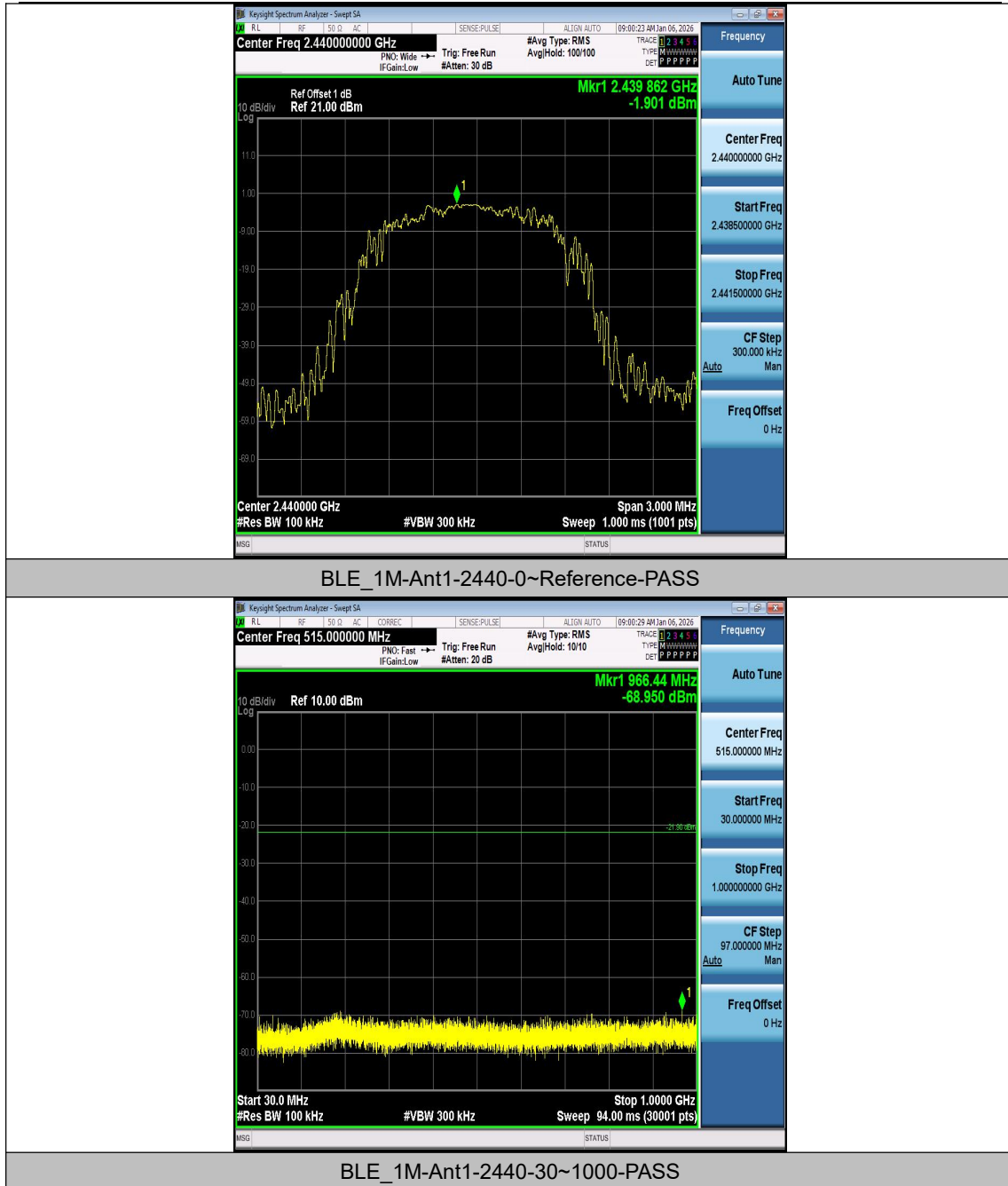




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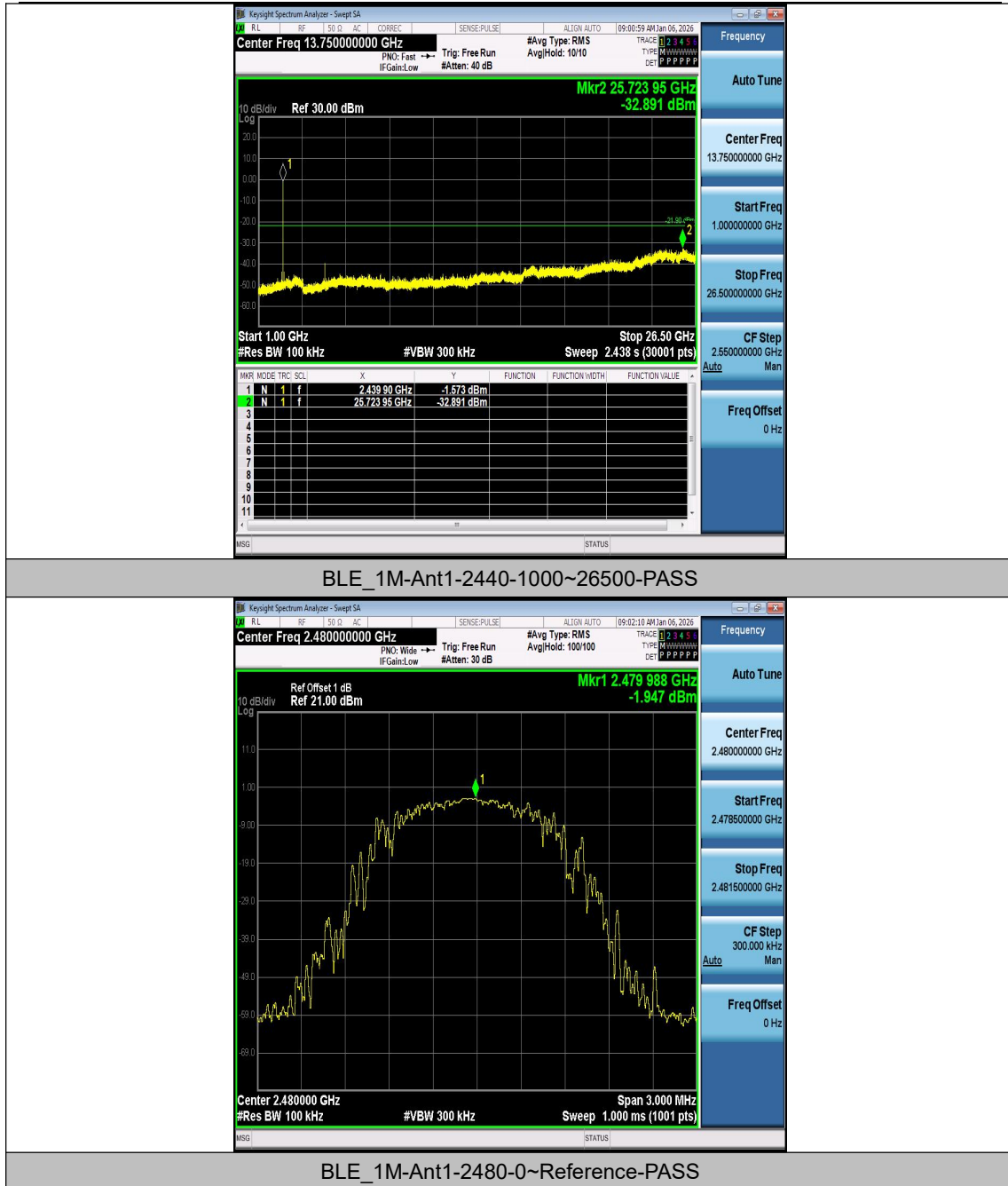
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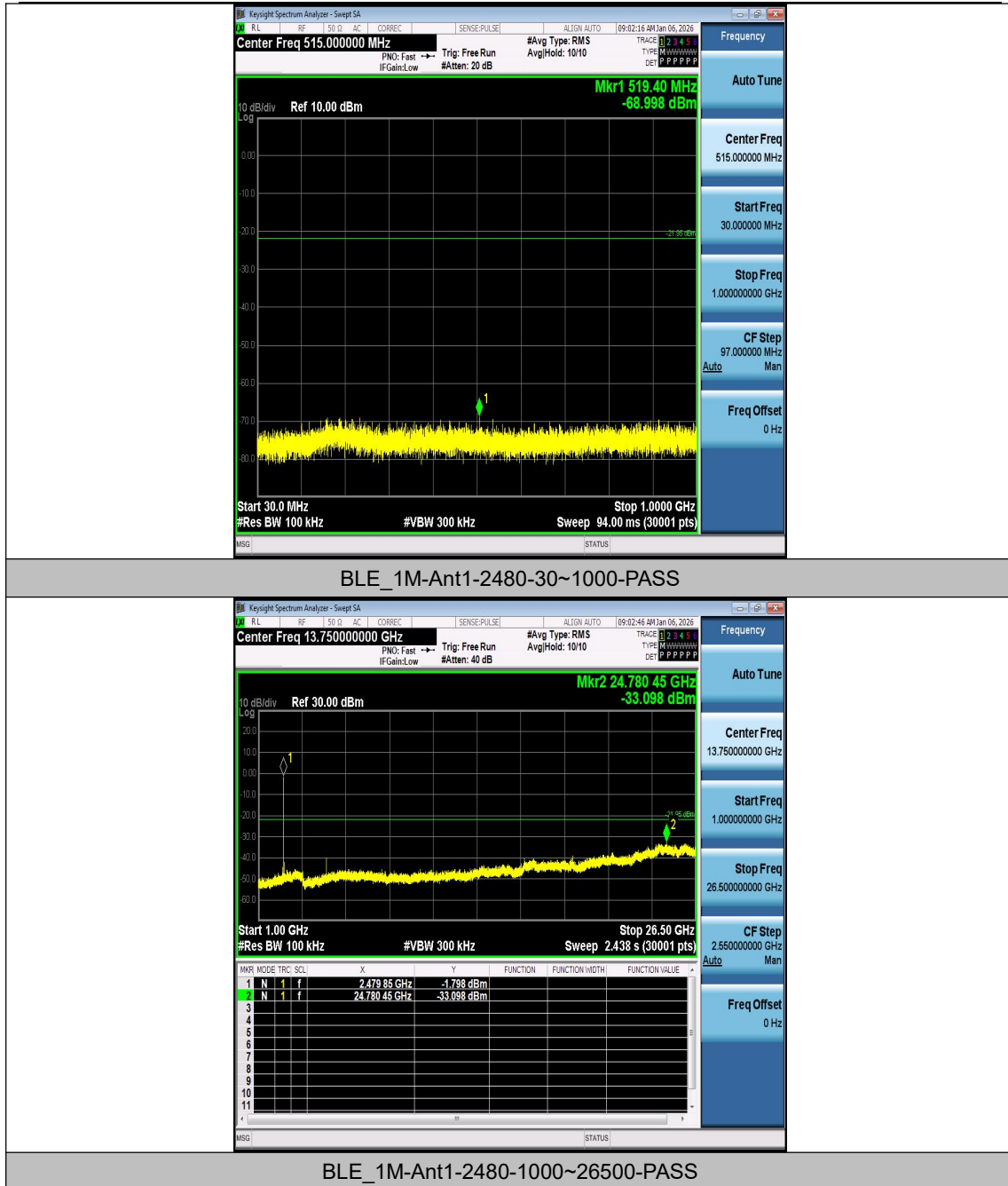
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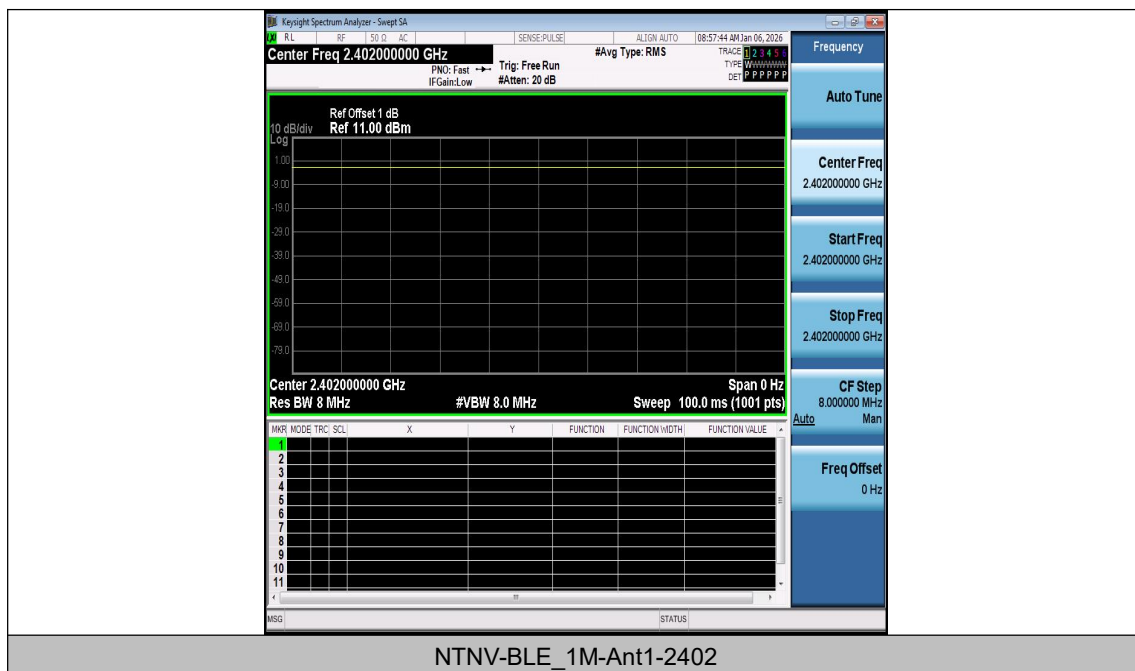
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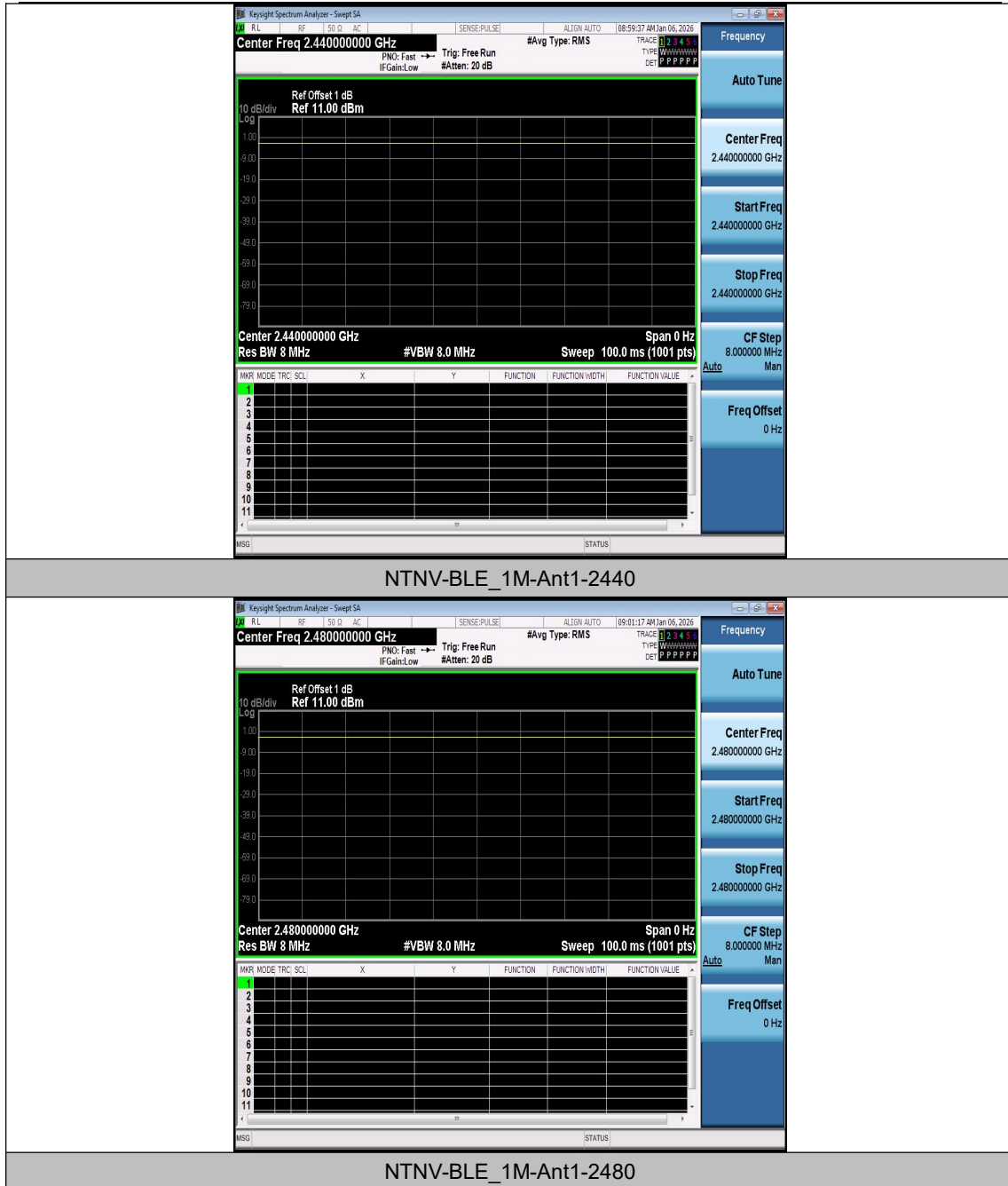
Appendix G: Duty Cycle

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

Test Graphs





---End---

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