

Appendix Test Data

Report No.:	1812C60061812501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-1-23	Finish Test Date:	2026-1-28
Test Engineer:	Alex Peng	Auditor:	Justin Feng
Temperature:	22.8°C	Relative Humidity:	45%
Pressure:	101kPa		

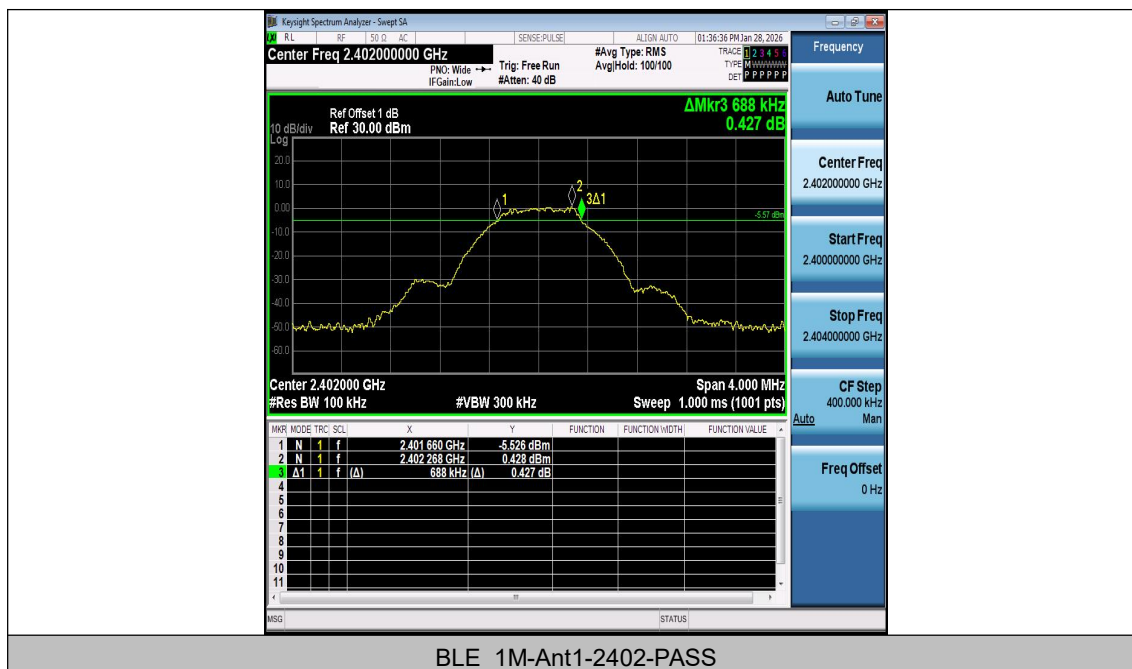


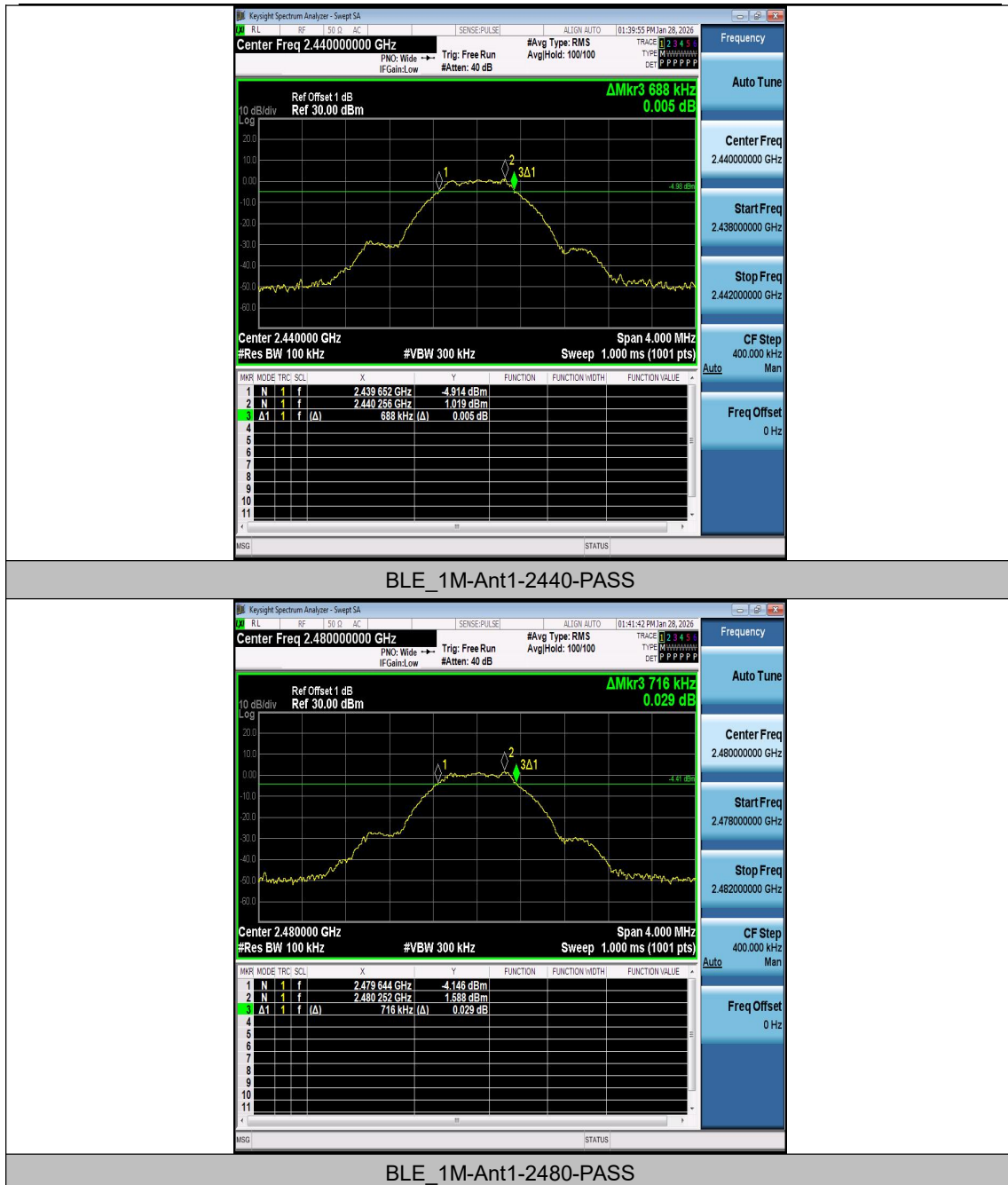
Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.688	2401.660	2402.348	0.5	PASS
BLE_1M	Ant1	2440	0.688	2439.652	2440.340	0.5	PASS
BLE_1M	Ant1	2480	0.716	2479.644	2480.360	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	1.0243	2401.5044	2402.5287	---	---
BLE_1M	Ant1	2440	1.0382	2439.4946	2440.5328	---	---
BLE_1M	Ant1	2480	1.0525	2479.4860	2480.5385	---	---

Test Graphs





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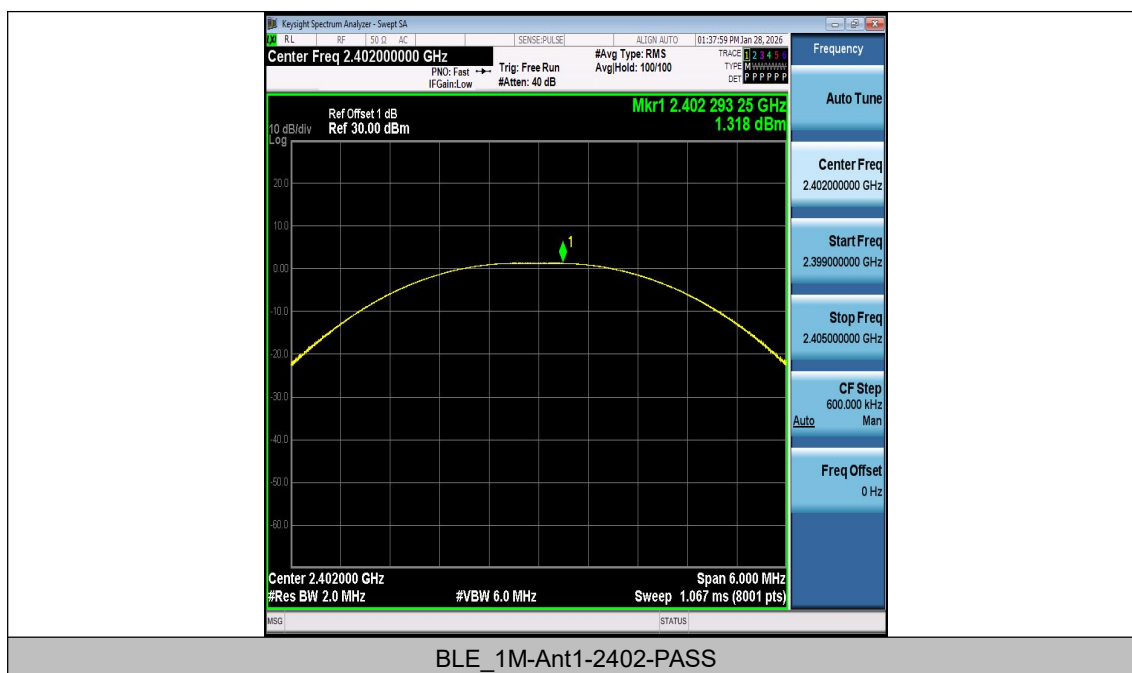
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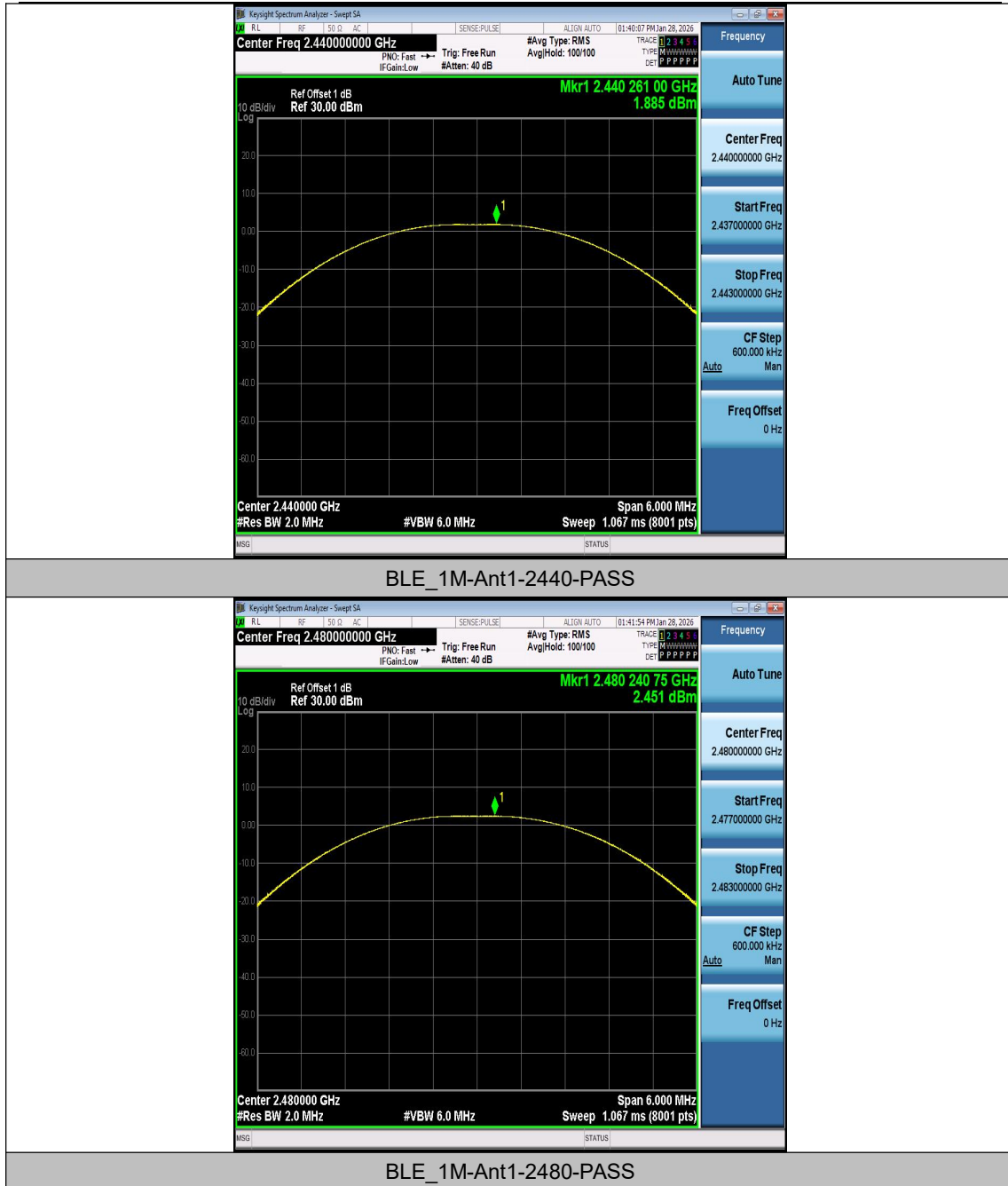
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	1.32	≤30	PASS
BLE_1M	Ant1	2440	1.89	≤30	PASS
BLE_1M	Ant1	2480	2.45	≤30	PASS

Test Graphs Peak





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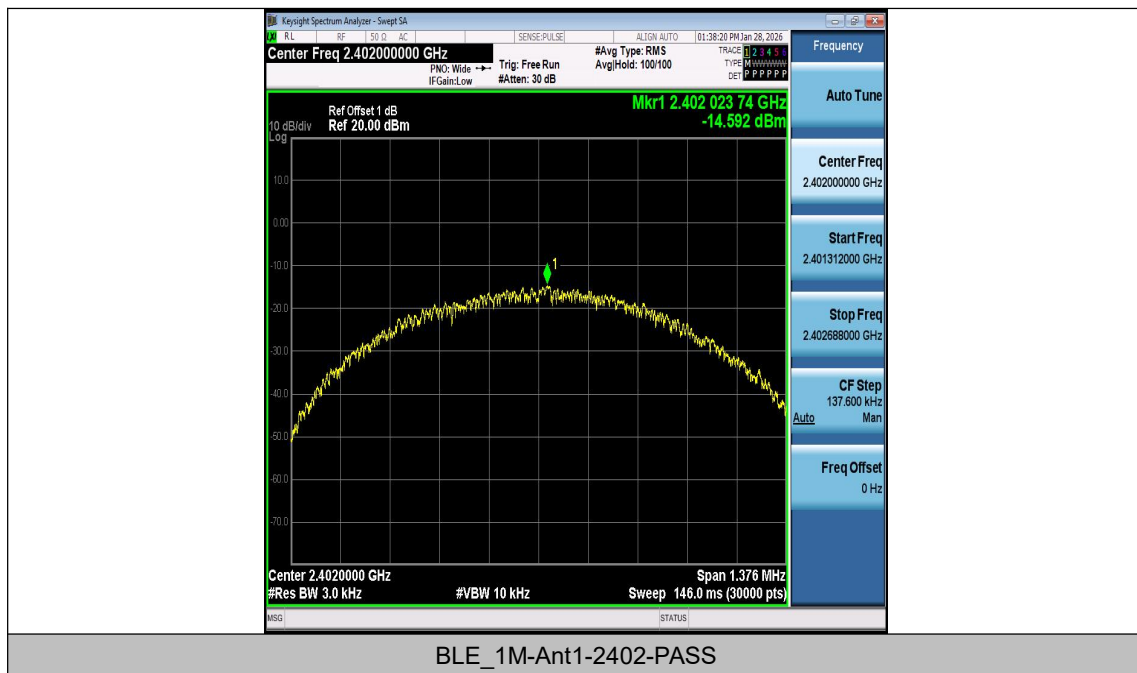
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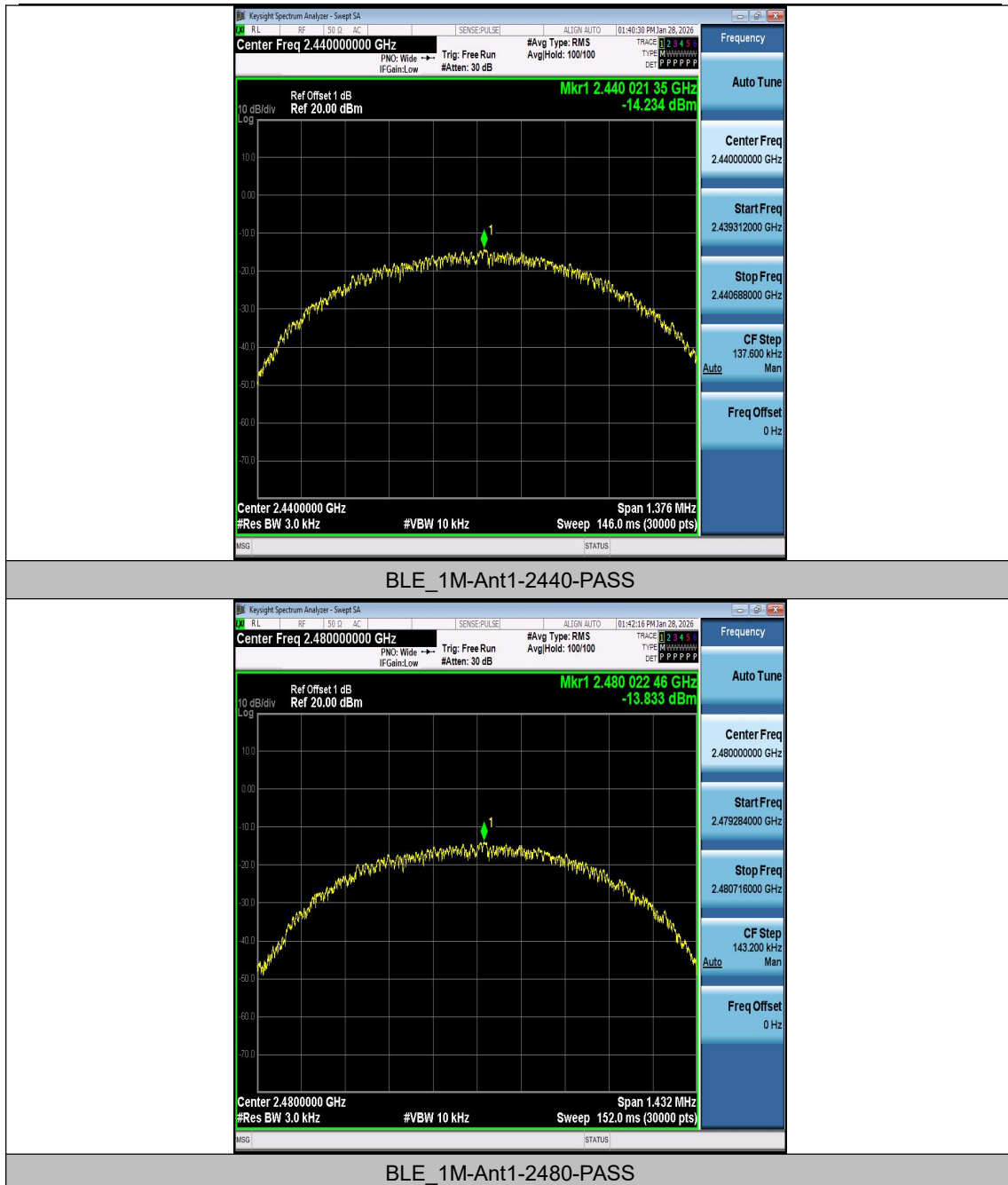
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-14.59	≤8.00	PASS
BLE_1M	Ant1	2440	-14.23	≤8.00	PASS
BLE_1M	Ant1	2480	-13.83	≤8.00	PASS

Test Graphs





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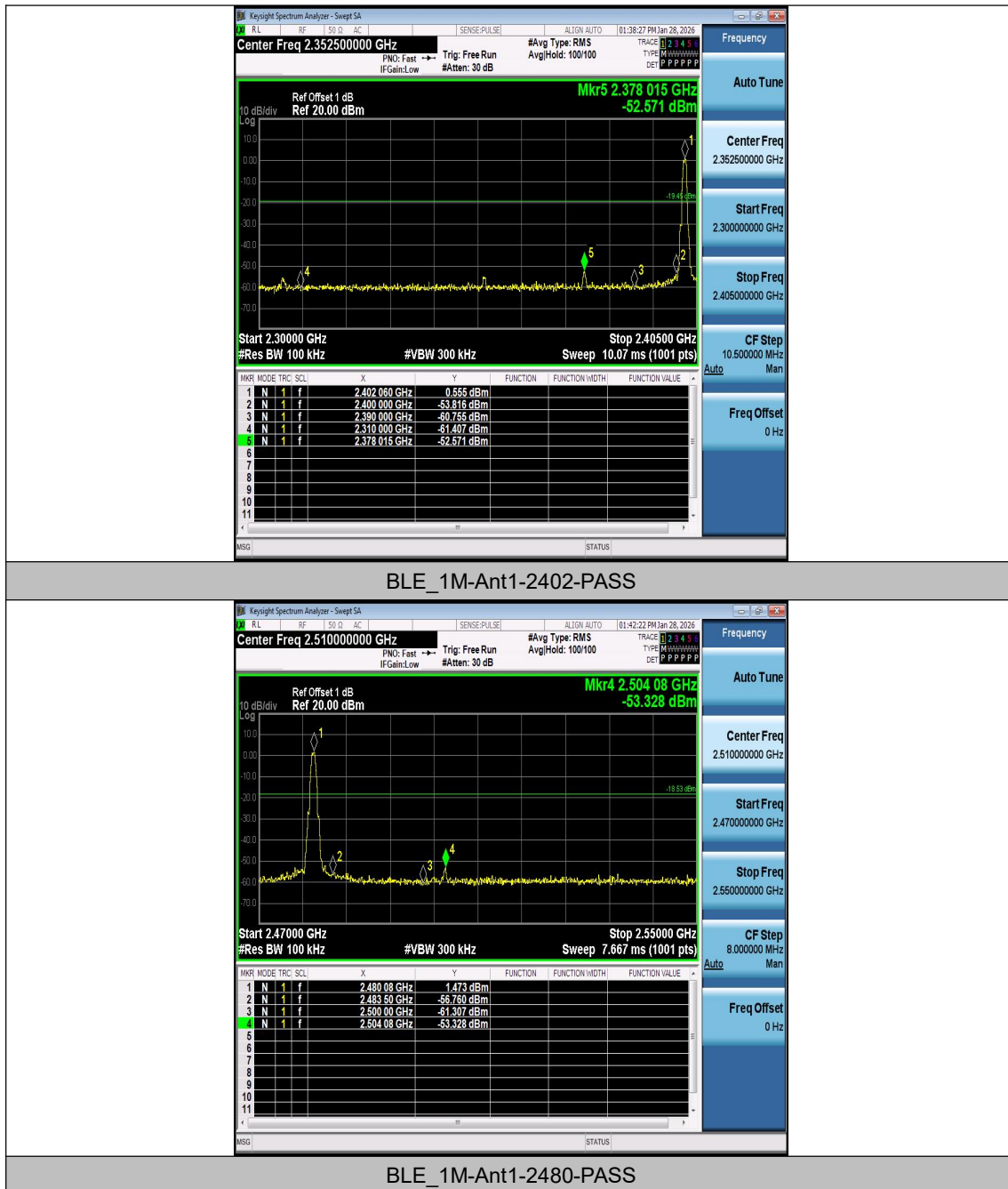
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	0.56	-52.57	≤-19.45	PASS
BLE_1M	Ant1	High	2480	1.47	-53.33	≤-18.53	PASS

Test Graphs



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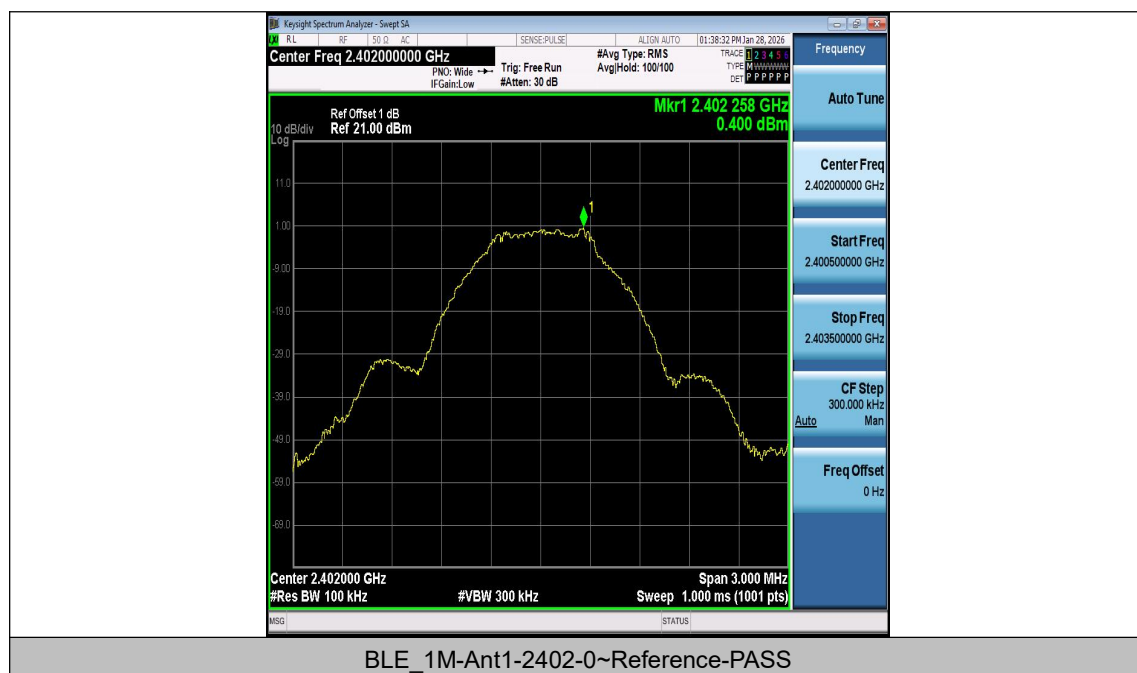
Appendix F: Conducted Spurious Emission

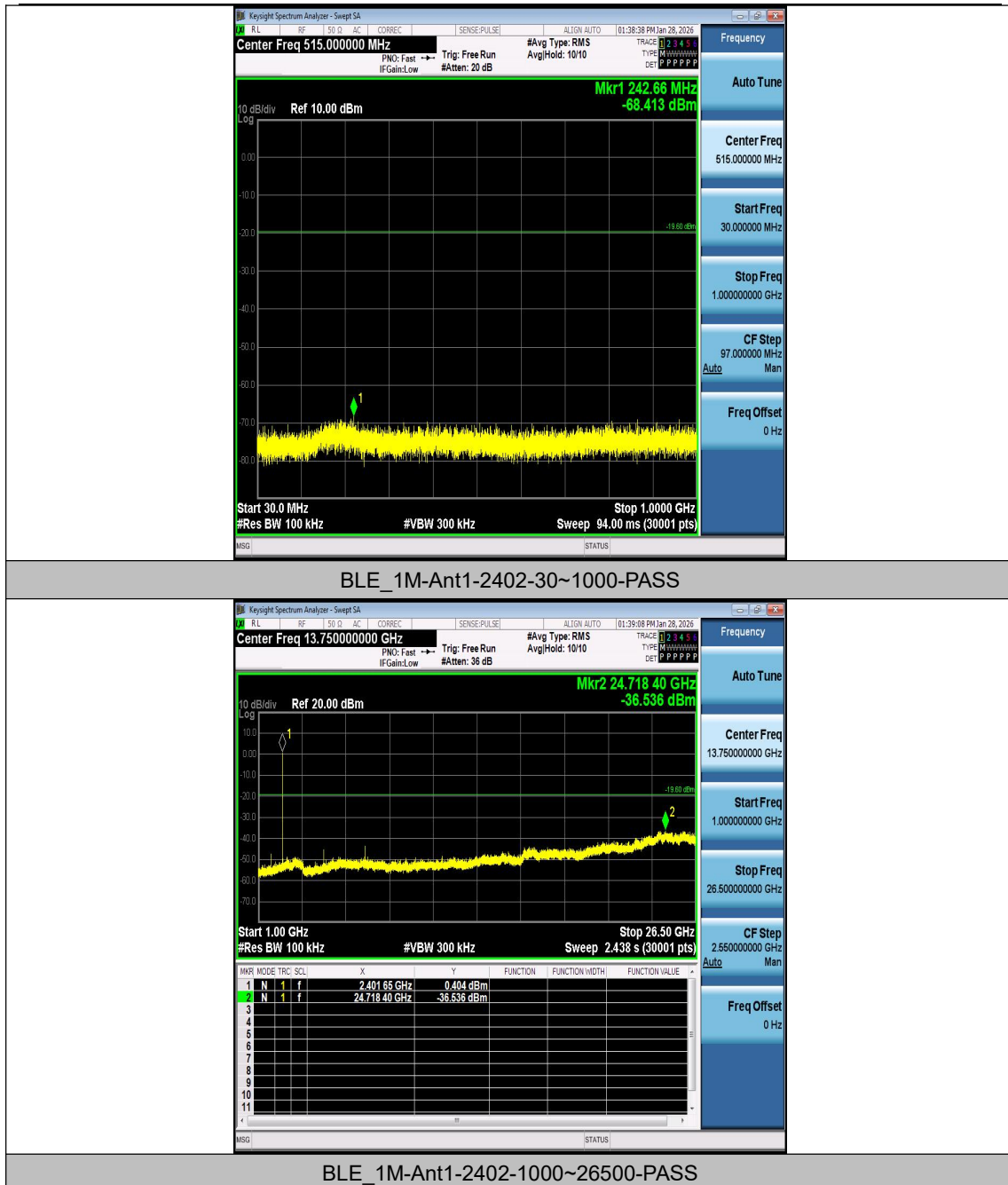
Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	0.40	0.40	---	PASS
BLE_1M	Ant1	2402	30~1000	0.40	-68.41	≤-19.6	PASS
BLE_1M	Ant1	2402	1000~26500	0.40	-36.54	≤-19.6	PASS
BLE_1M	Ant1	2440	0~Reference	0.93	0.93	---	PASS
BLE_1M	Ant1	2440	30~1000	0.93	-67.59	≤-19.07	PASS
BLE_1M	Ant1	2440	1000~26500	0.93	-36.17	≤-19.07	PASS
BLE_1M	Ant1	2480	0~Reference	1.47	1.47	---	PASS
BLE_1M	Ant1	2480	30~1000	1.47	-67.49	≤-18.53	PASS
BLE_1M	Ant1	2480	1000~26500	1.47	-35.45	≤-18.53	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

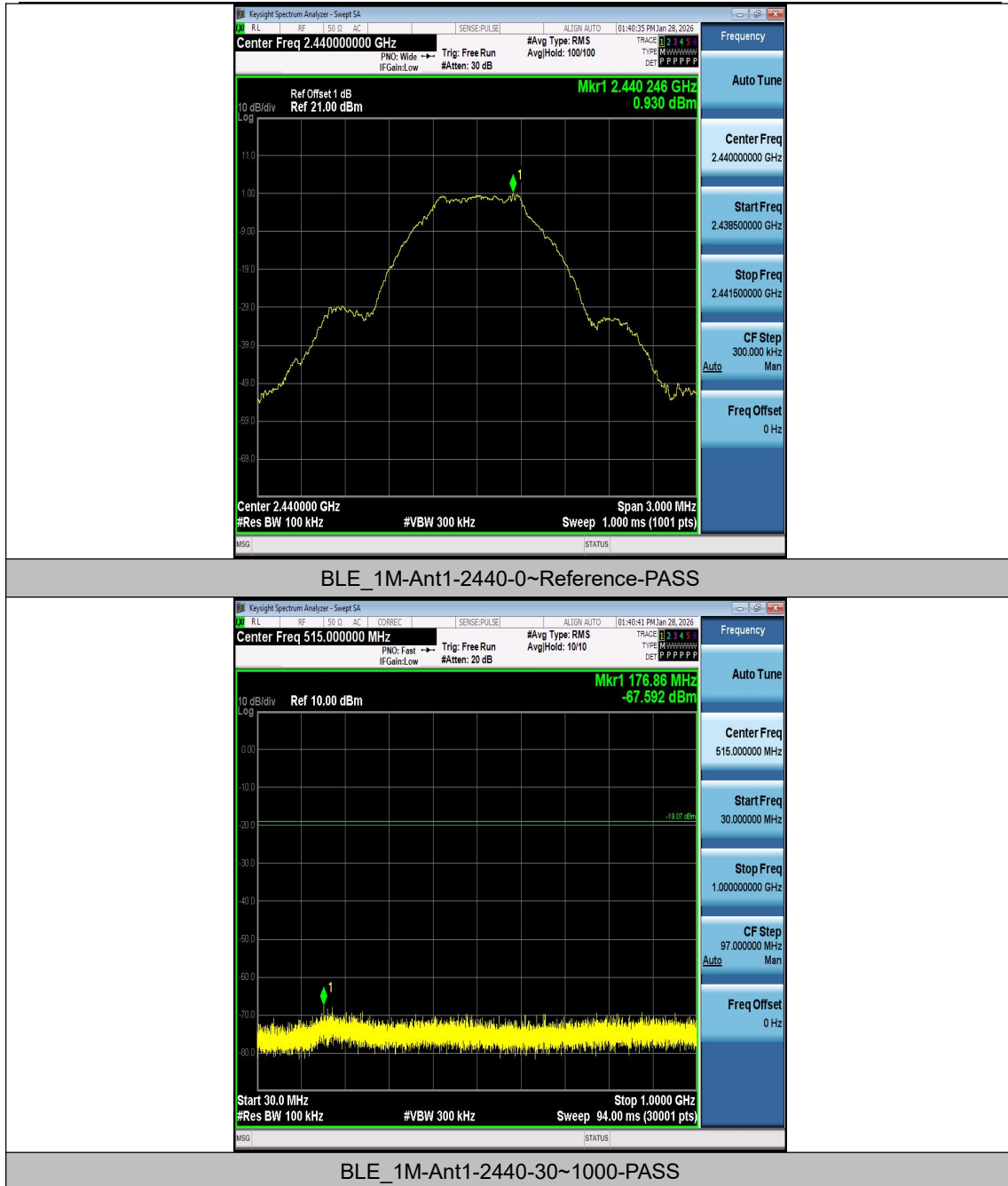




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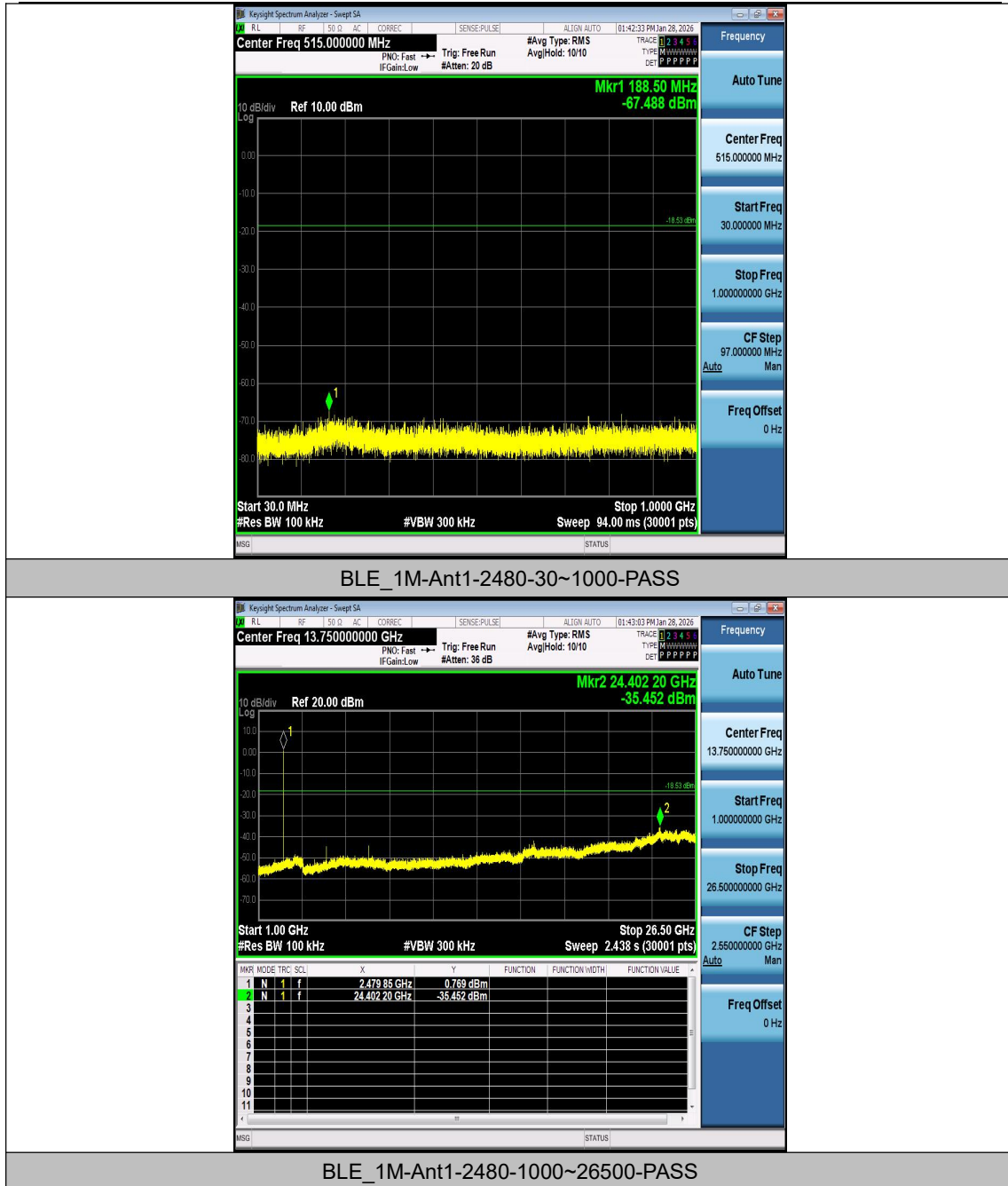
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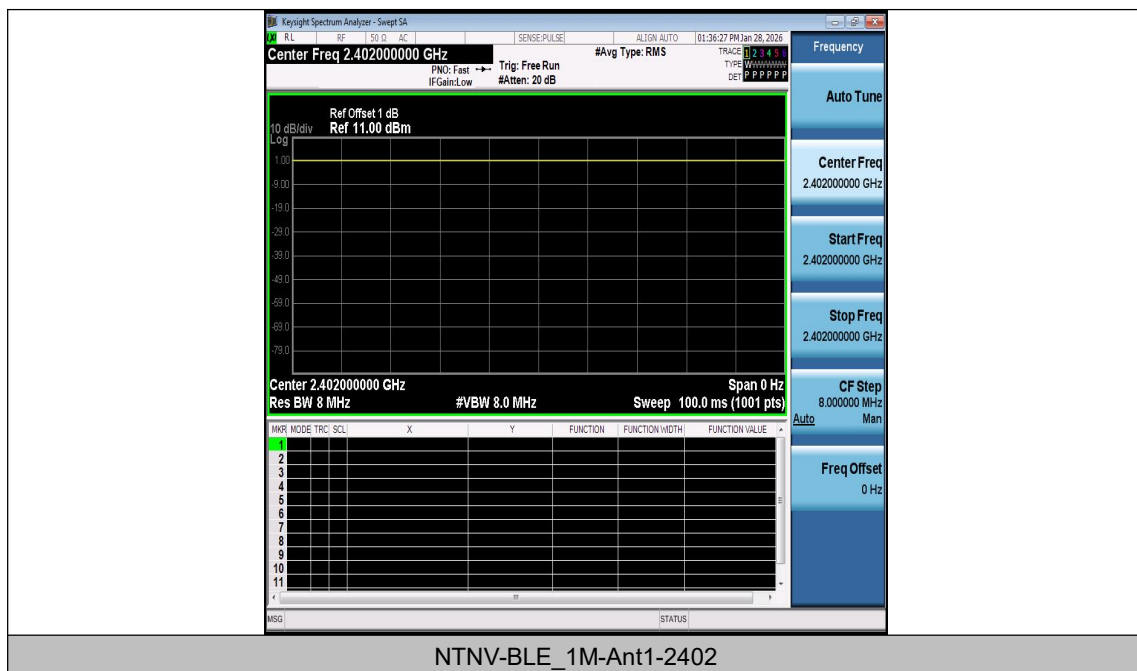
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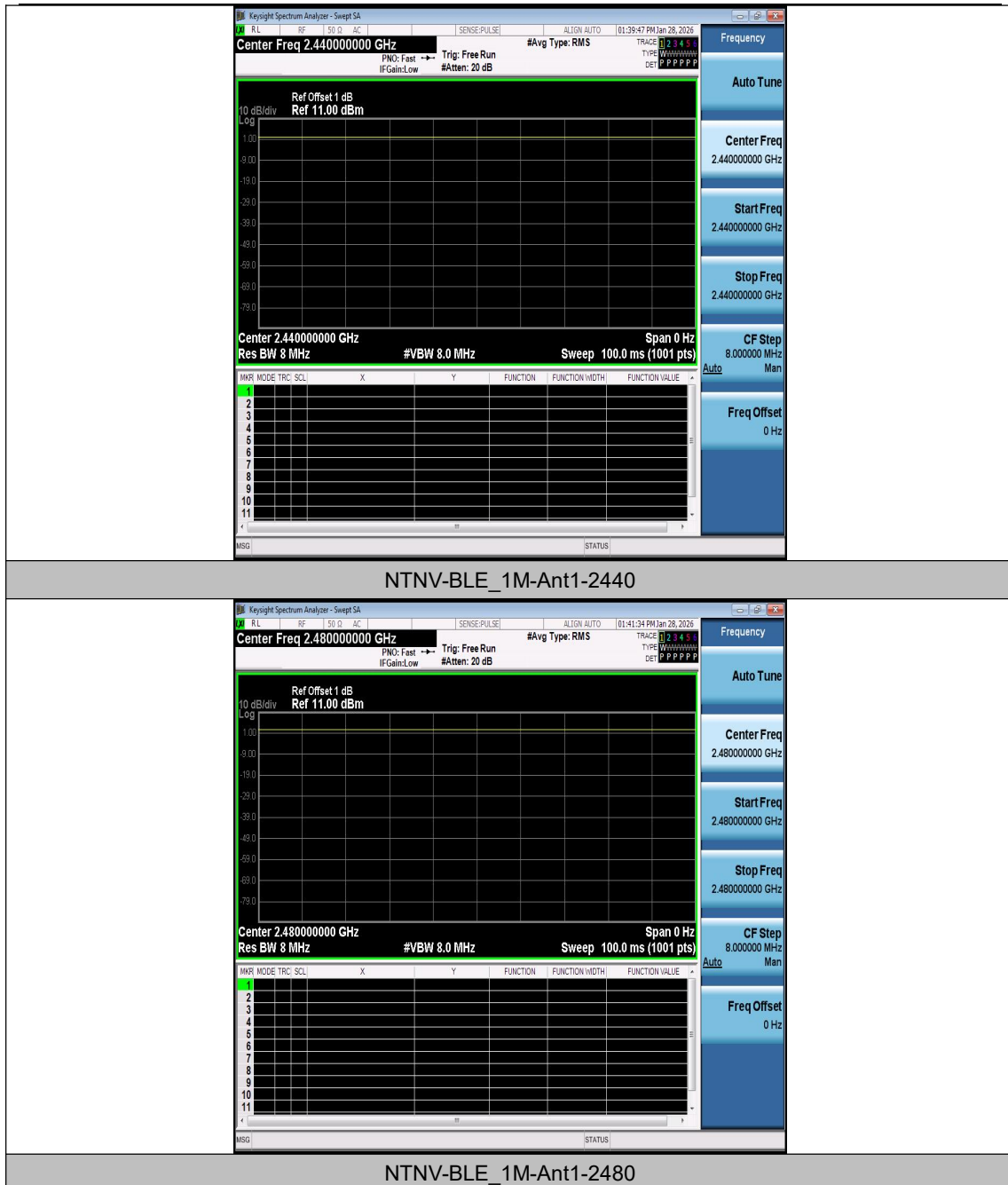
Appendix G: Duty Cycle

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---