

Appendix Test Data

Report No.:	1812C60059012501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-1-21	Finish Test Date:	2026-1-30
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	23.1℃	Relative Humidity:	52%
Pressure:	101kPa		

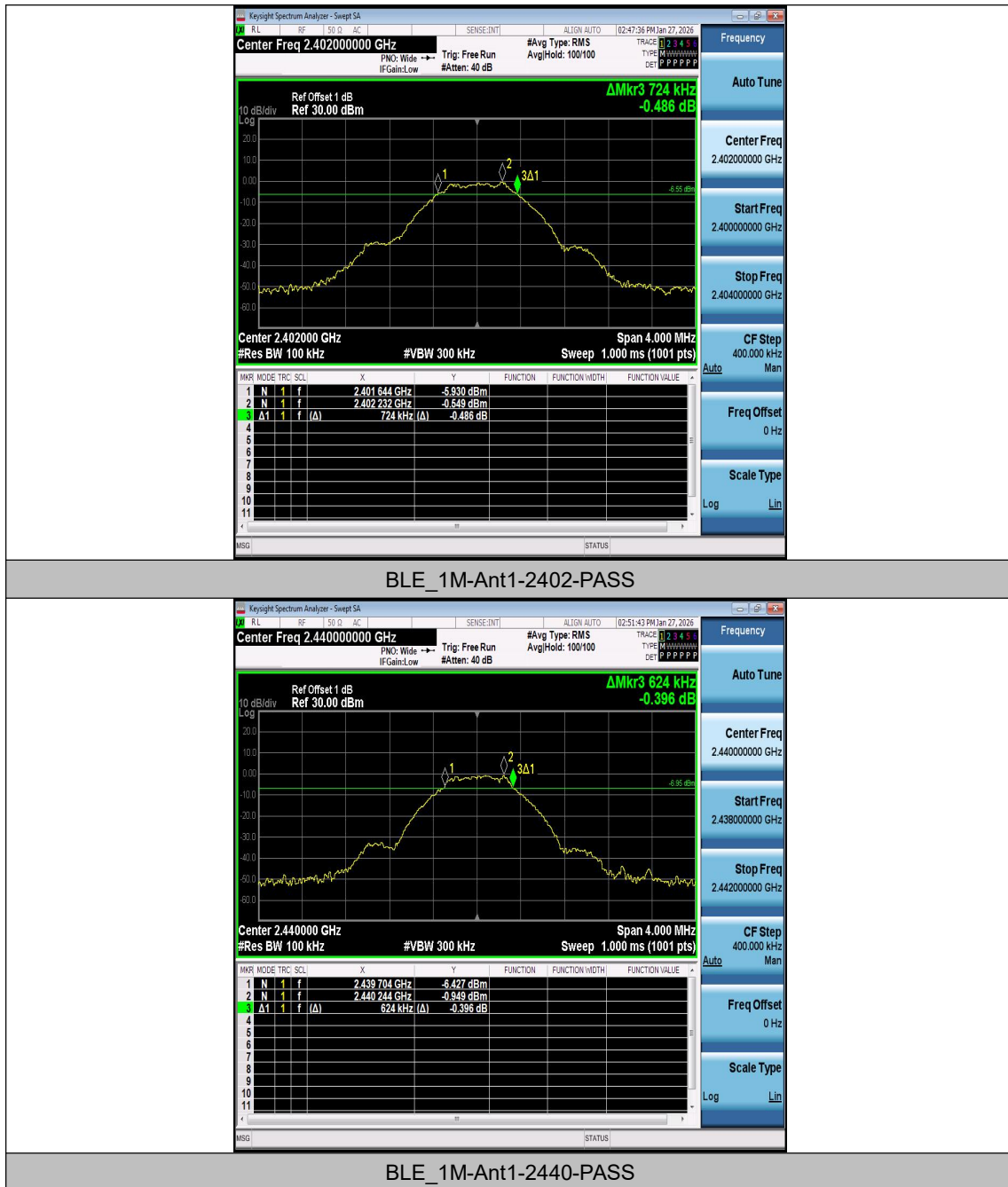


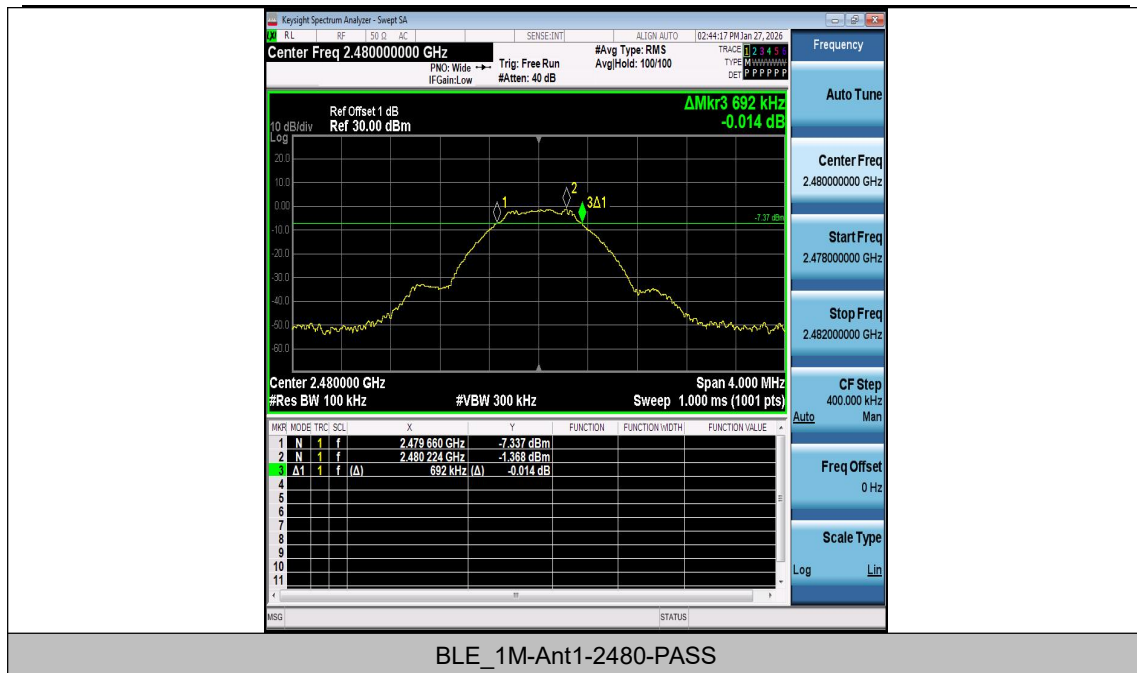
Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.724	2401.644	2402.368	0.5	PASS
BLE_1M	Ant1	2440	0.624	2439.704	2440.328	0.5	PASS
BLE_1M	Ant1	2480	0.692	2479.660	2480.352	0.5	PASS

Test Graphs





BLE_1M-Ant1-2480-PASS

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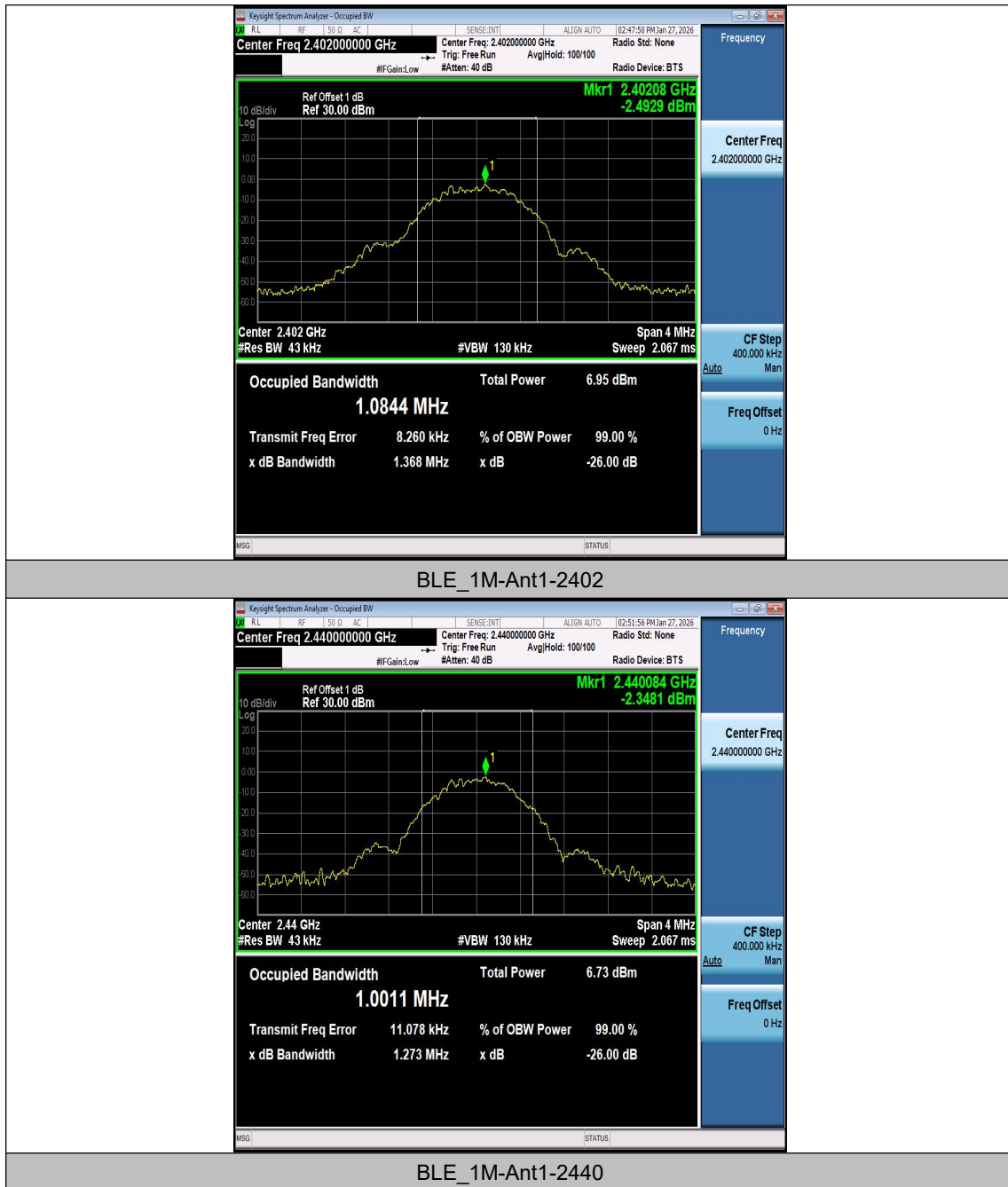
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Appendix B: 99% Occupied Bandwidth**Test Result**

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0844	2401.4661	2402.5505	---	---
BLE_1M	Ant1	2440	1.0011	2439.5105	2440.5116	---	---
BLE_1M	Ant1	2480	1.0175	2479.5034	2480.5209	---	---

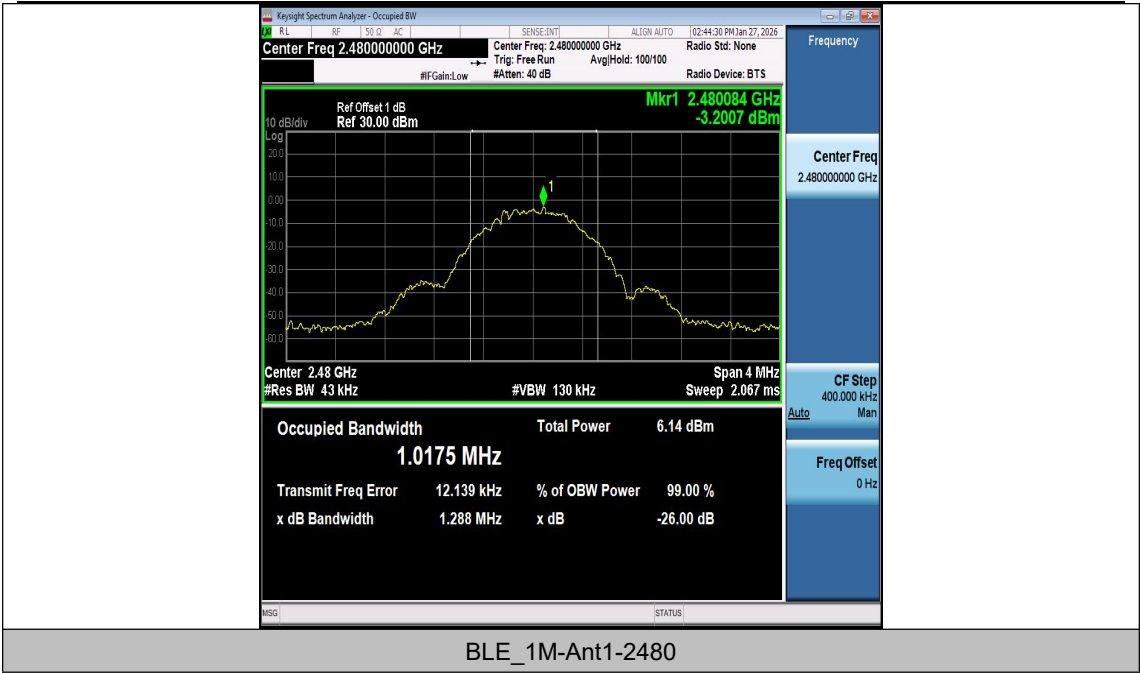
Test Graphs



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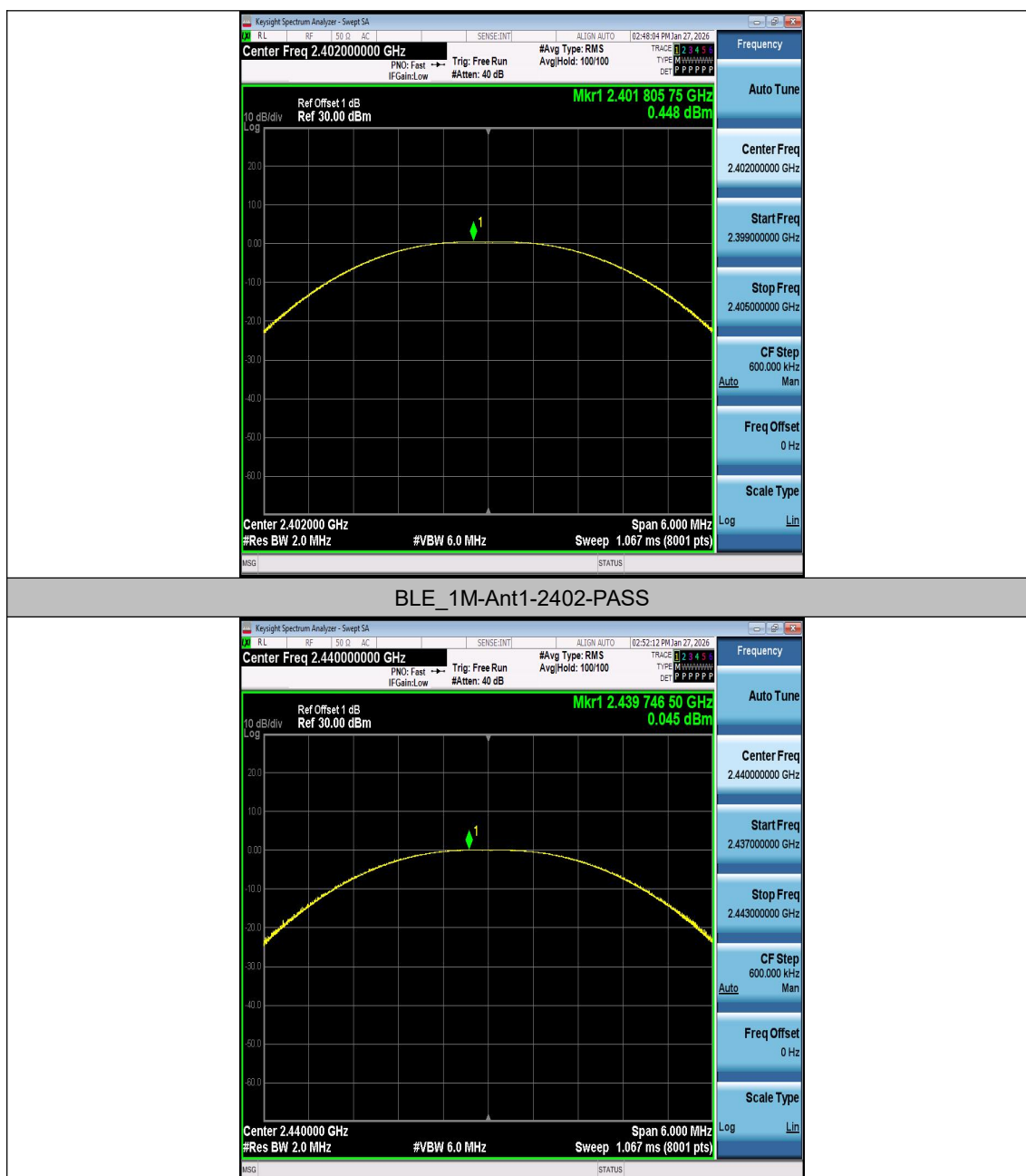
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Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0.45	≤30	PASS
BLE_1M	Ant1	2440	0.05	≤30	PASS
BLE_1M	Ant1	2480	-0.41	≤30	PASS

Test Graphs Peak



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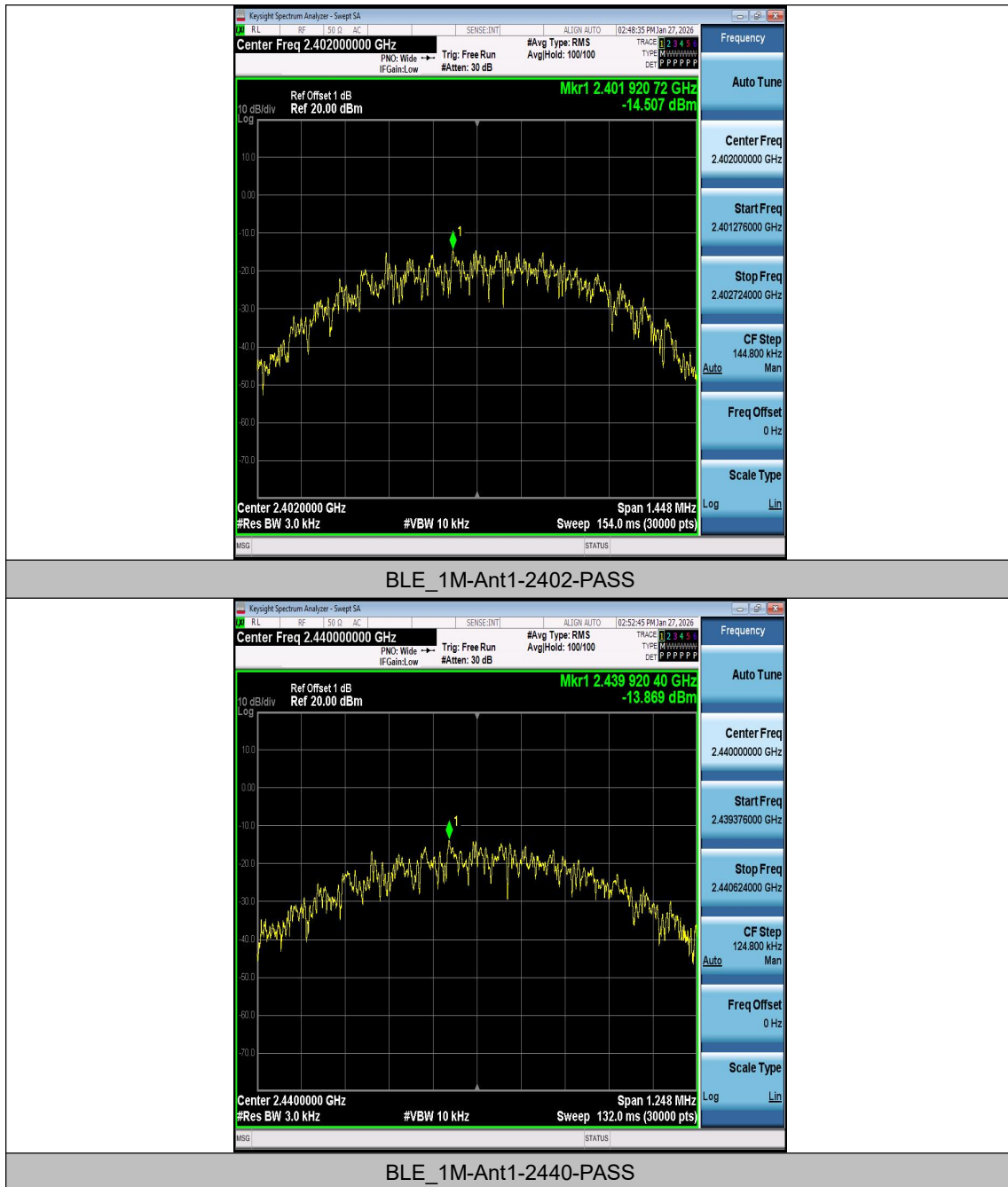
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-14.51	≤8.00	PASS
BLE_1M	Ant1	2440	-13.87	≤8.00	PASS
BLE_1M	Ant1	2480	-14.56	≤8.00	PASS

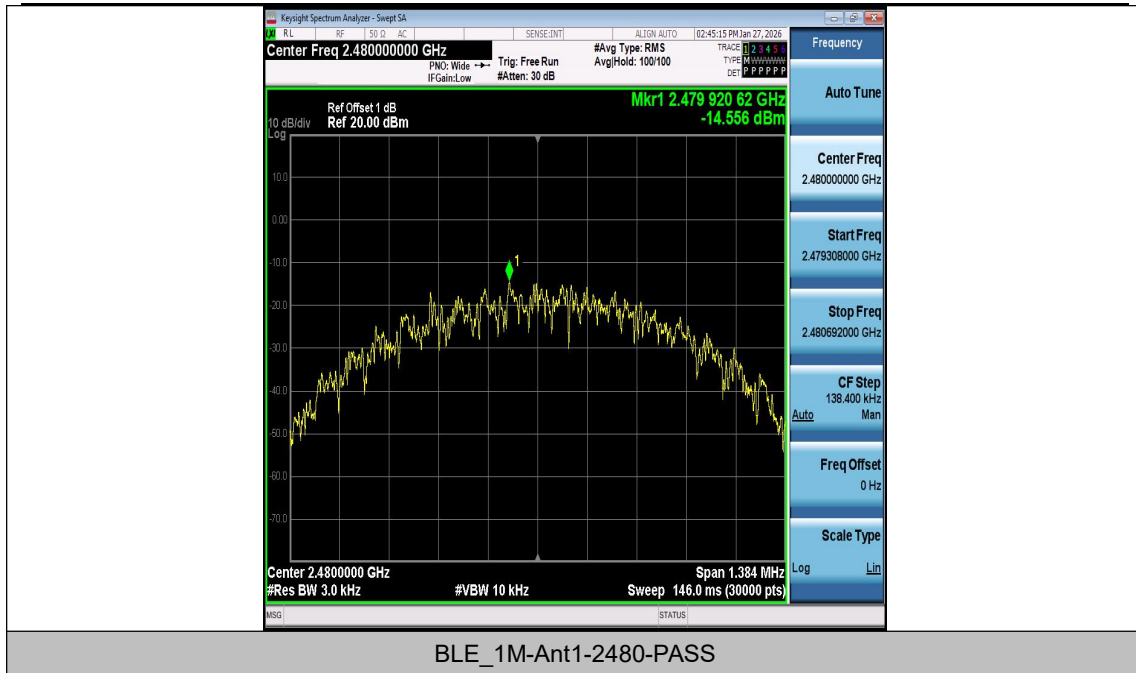
Test Graphs



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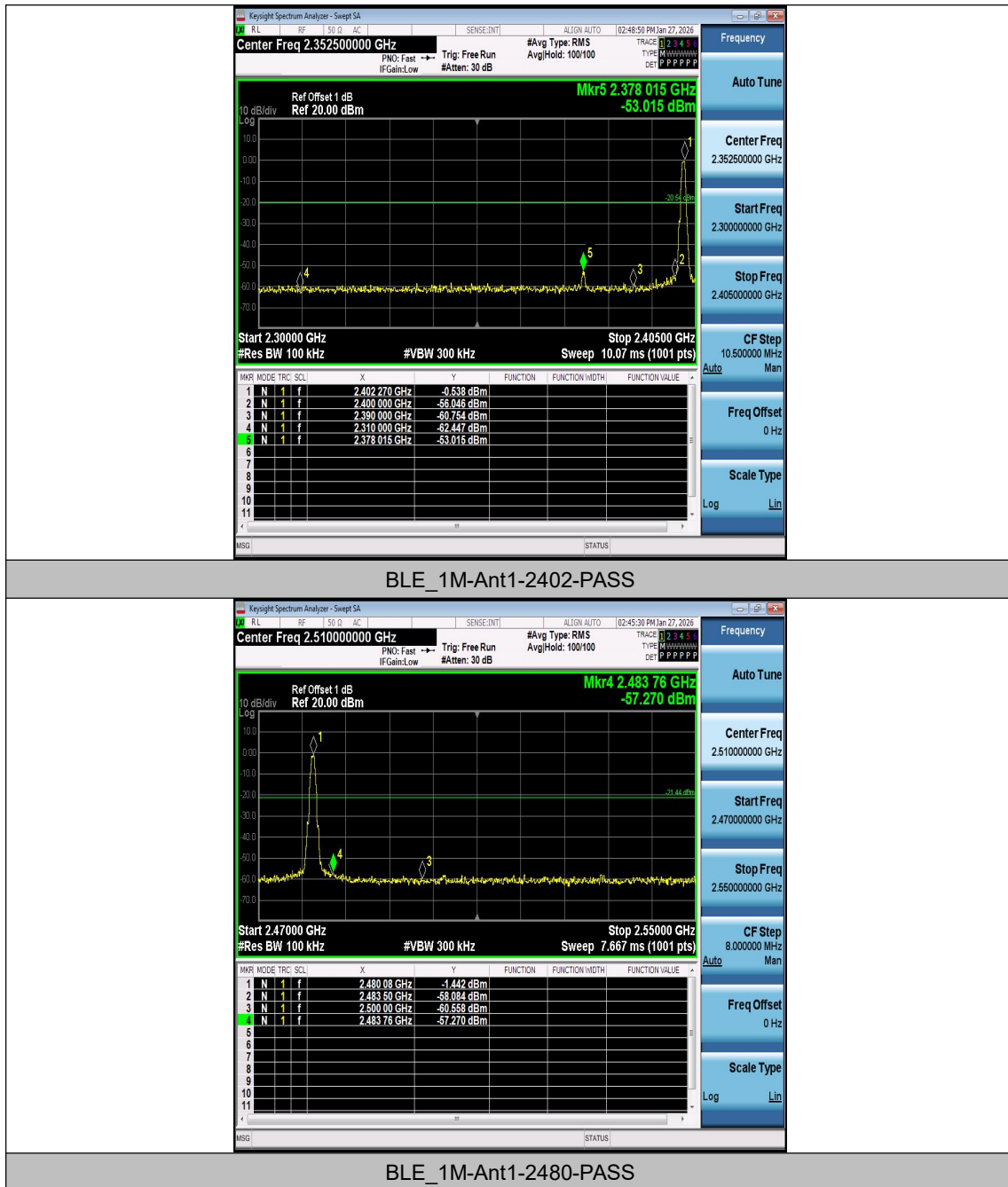
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-0.54	-53.02	≤-20.54	PASS
BLE_1M	Ant1	High	2480	-1.44	-57.27	≤-21.44	PASS

Test Graphs



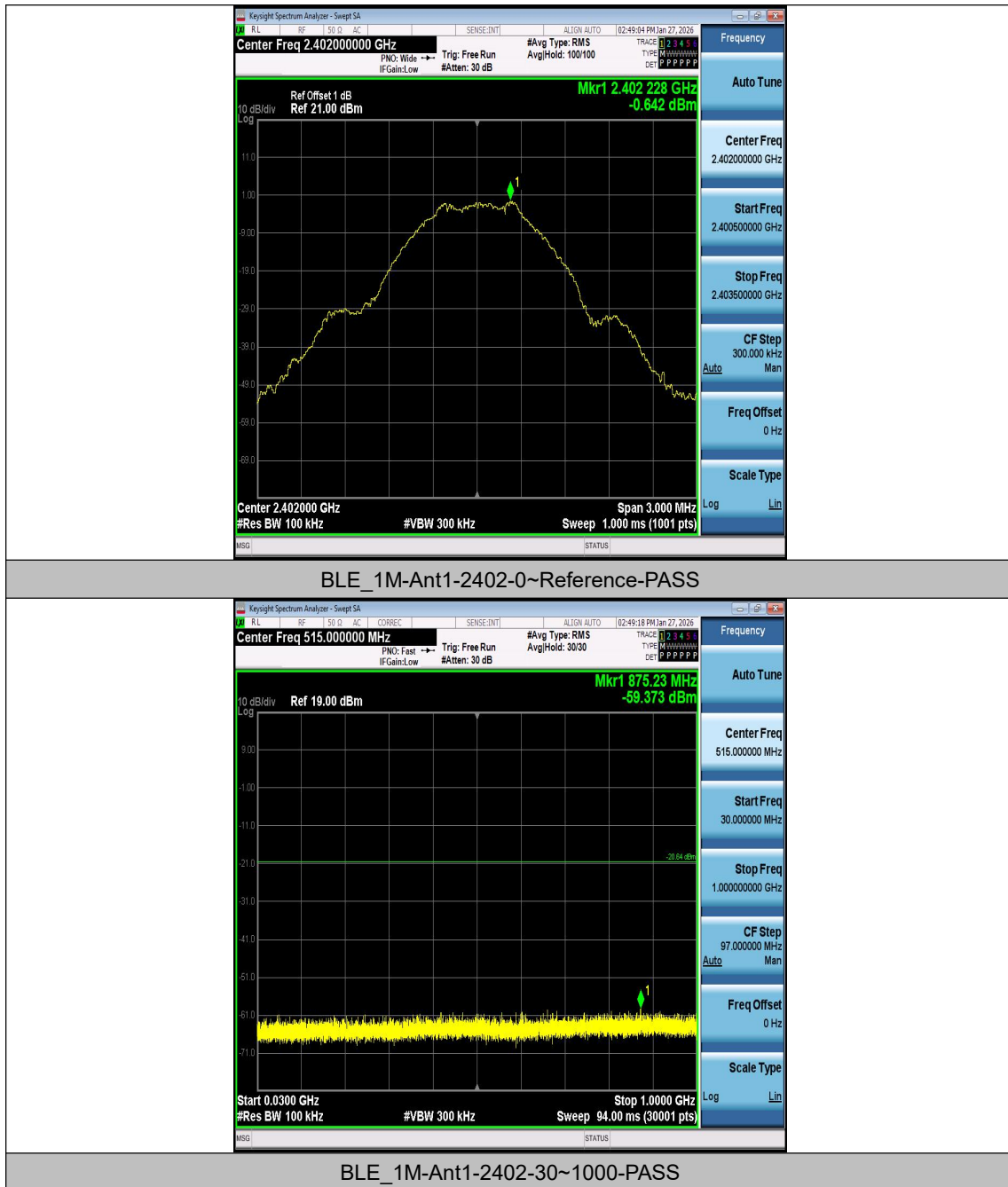
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-0.64	-0.64	---	PASS
BLE_1M	Ant1	2402	30~1000	-0.64	-59.37	≤-20.64	PASS
BLE_1M	Ant1	2402	1000~26500	-0.64	-39.96	≤-20.64	PASS
BLE_1M	Ant1	2440	0~Reference	-0.88	-0.88	---	PASS
BLE_1M	Ant1	2440	30~1000	-0.88	-59.45	≤-20.88	PASS
BLE_1M	Ant1	2440	1000~26500	-0.88	-39.27	≤-20.88	PASS
BLE_1M	Ant1	2480	0~Reference	-1.34	-1.34	---	PASS
BLE_1M	Ant1	2480	30~1000	-1.34	-59.17	≤-21.34	PASS
BLE_1M	Ant1	2480	1000~26500	-1.34	-39.15	≤-21.34	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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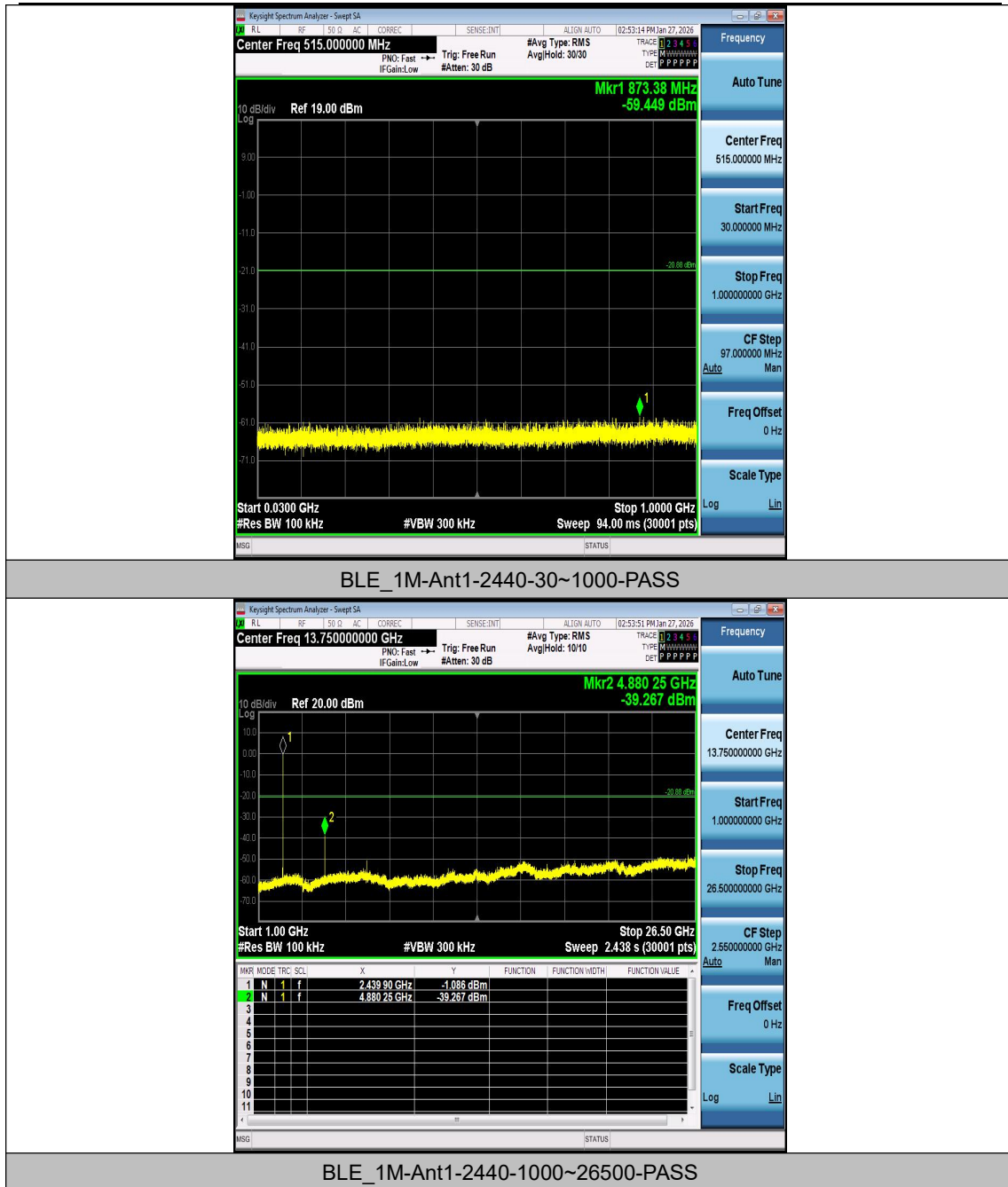
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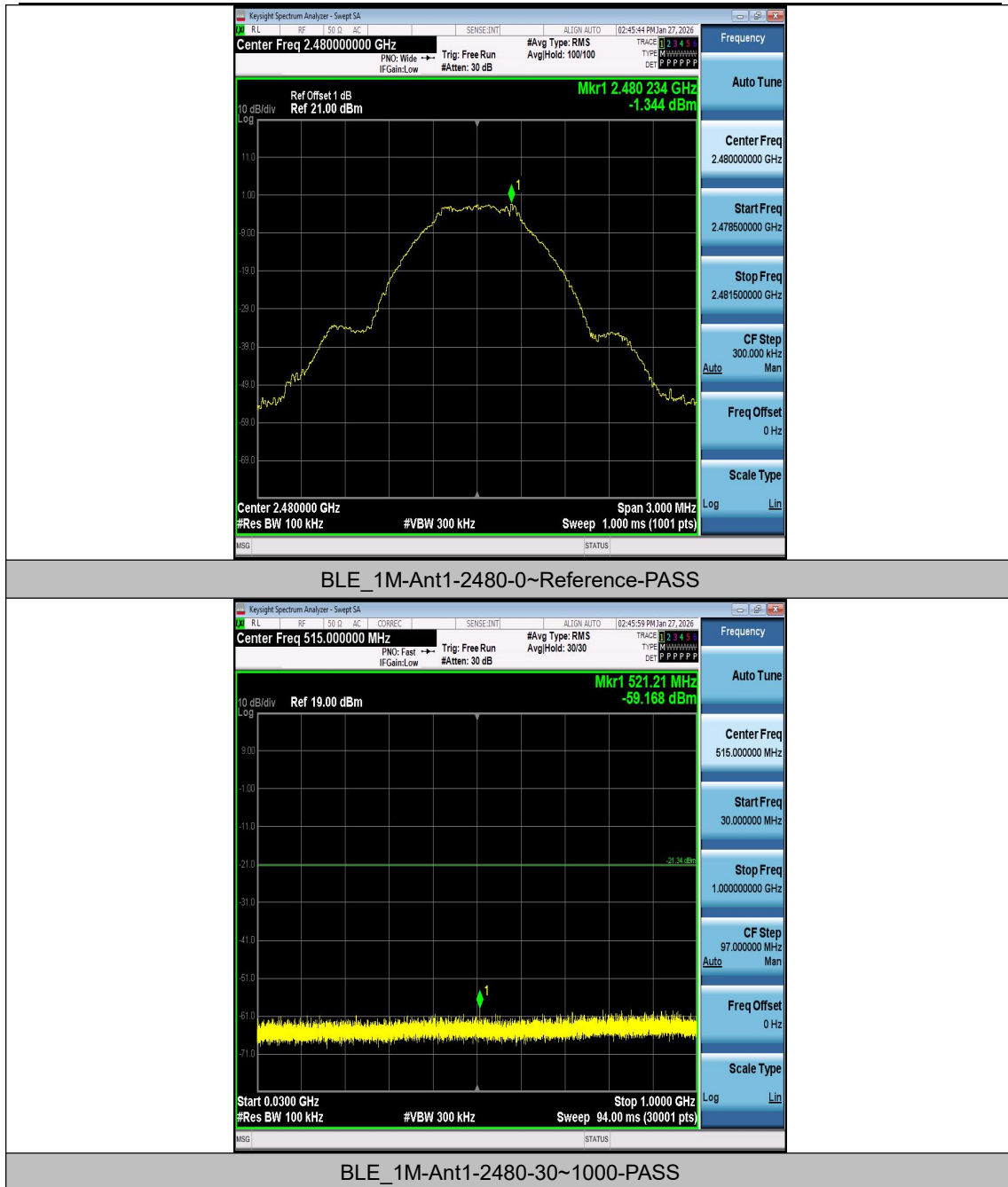
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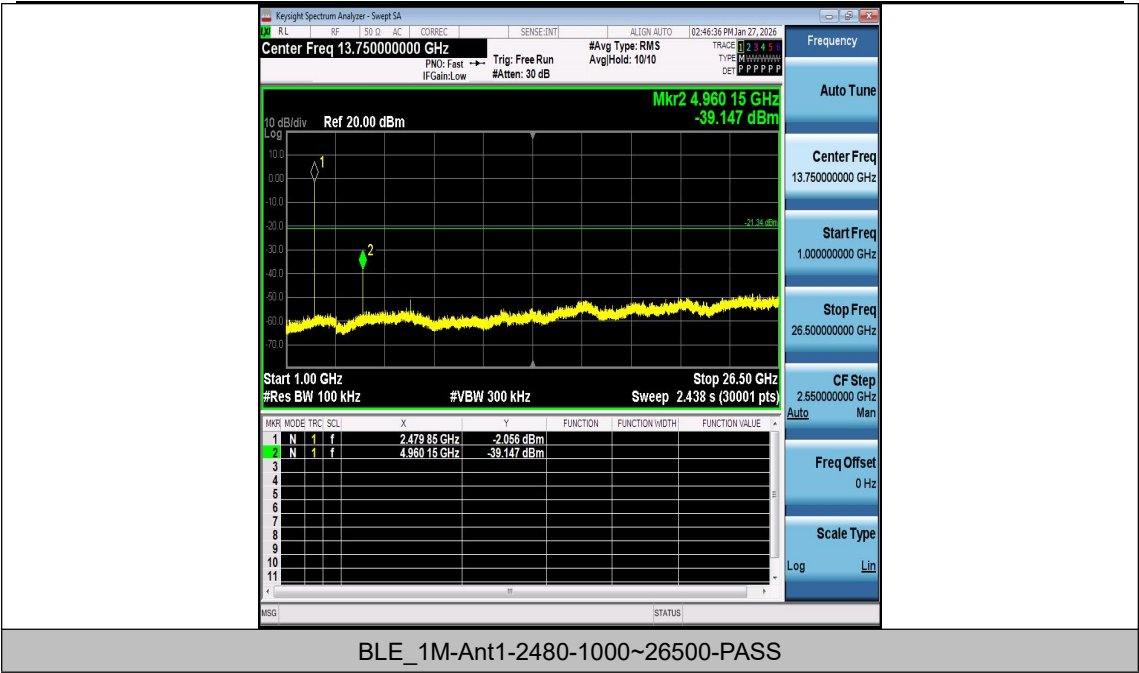
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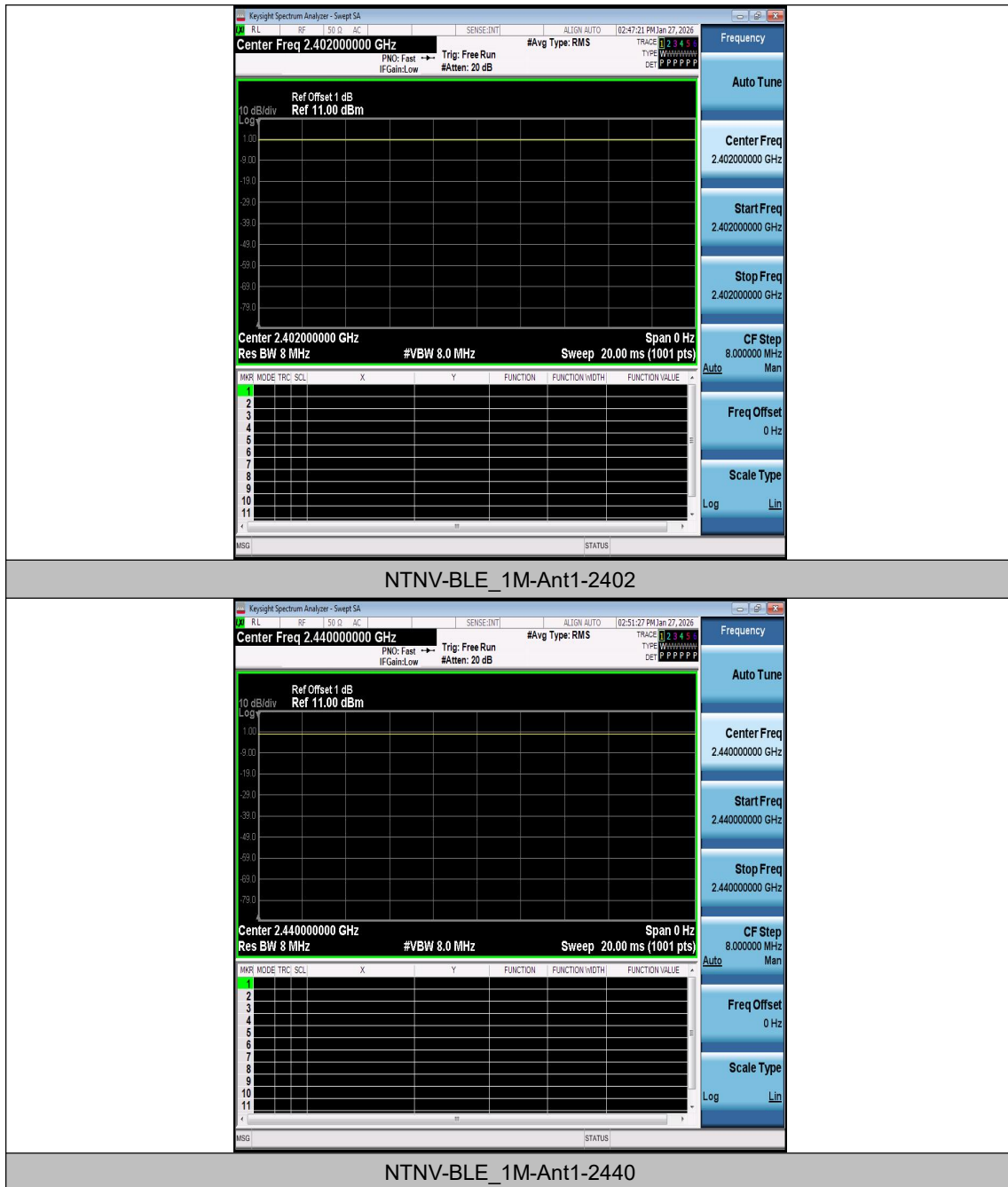
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Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	20.00	20.00	100.00	0.00
BLE_1M	Ant1	2440	20.00	20.00	100.00	0.00
BLE_1M	Ant1	2480	20.00	20.00	100.00	0.00

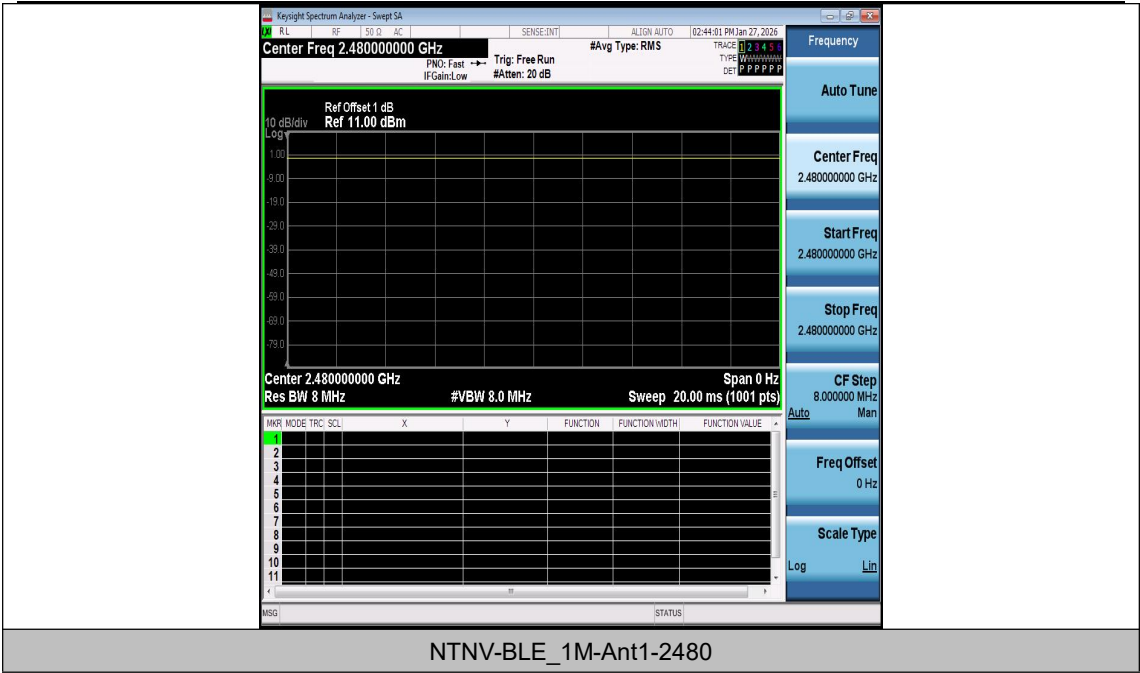
Test Graphs



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