

Appendix Test Data

Report No.:	1812C60005412501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-1-22	Finish Test Date:	2026-1-28
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	22.1℃	Relative Humidity:	61%
Pressure:	101kPa		

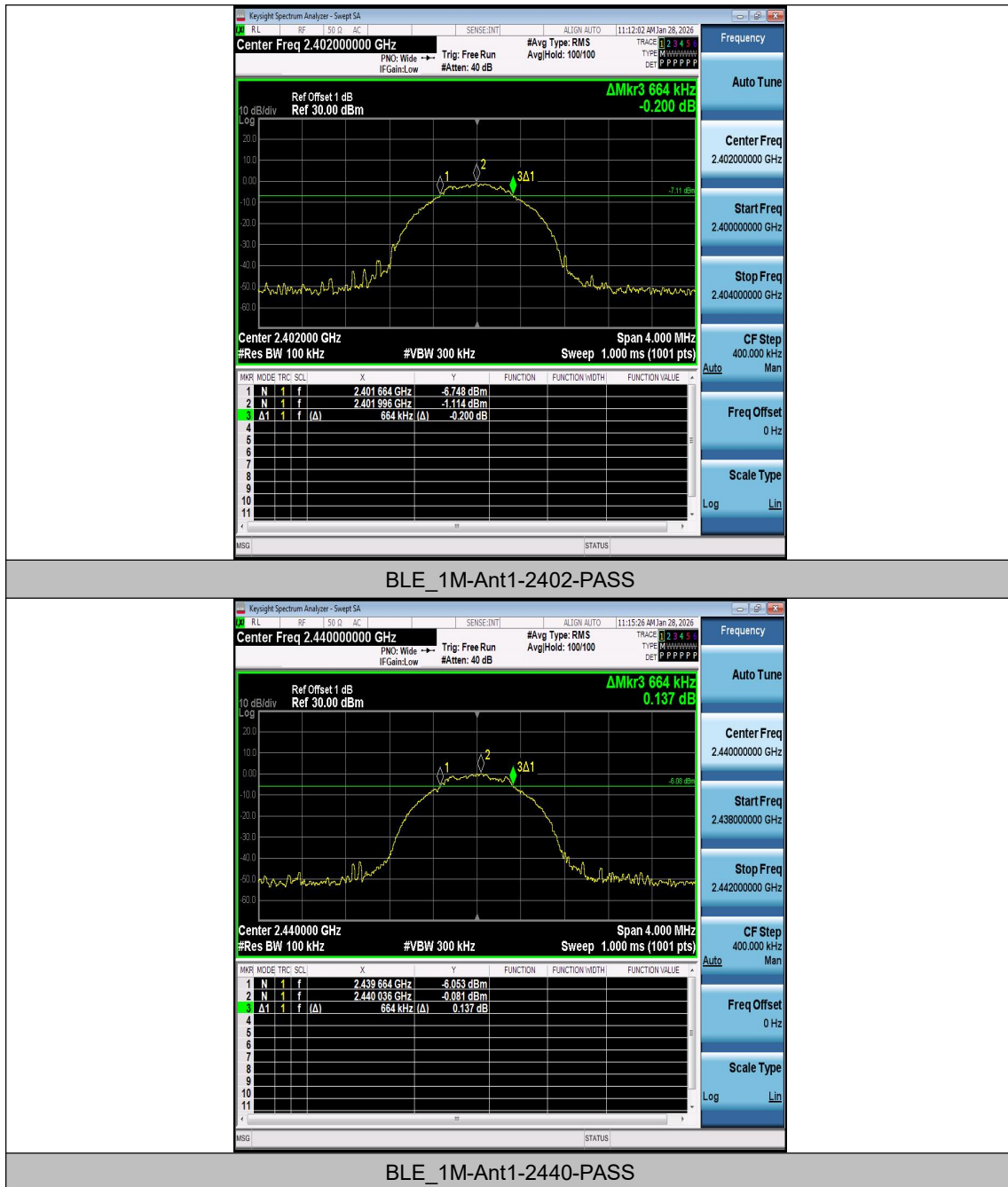


Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.664	2401.664	2402.328	0.5	PASS
BLE_1M	Ant1	2440	0.664	2439.664	2440.328	0.5	PASS
BLE_1M	Ant1	2480	0.688	2479.648	2480.336	0.5	PASS

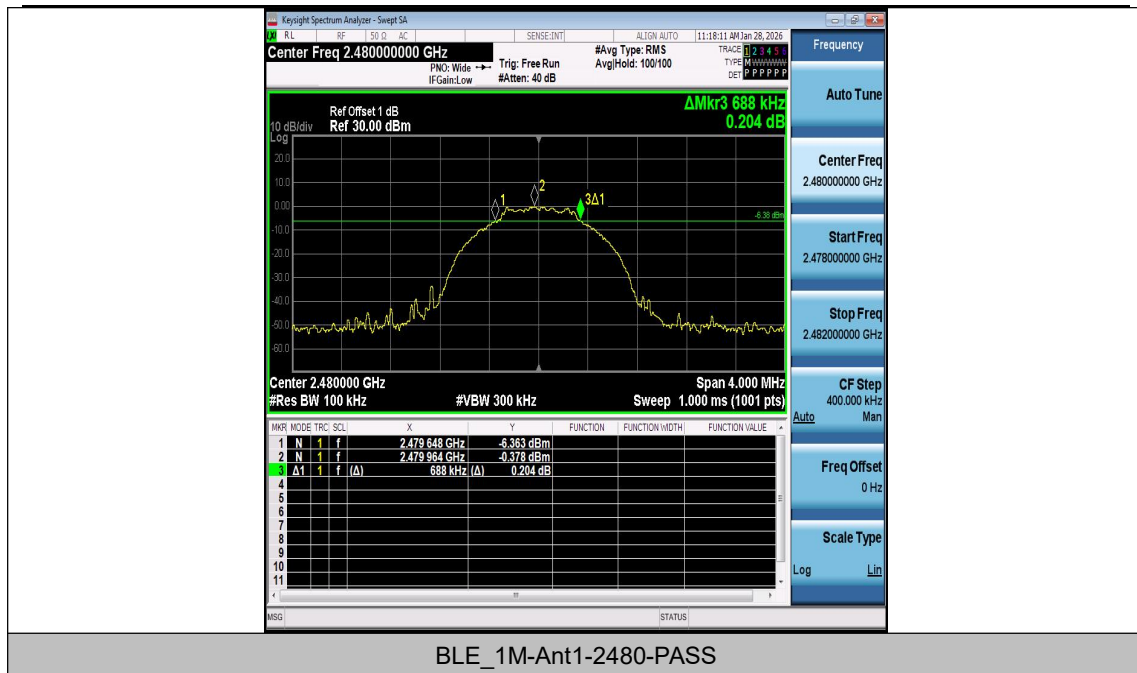
Test Graphs



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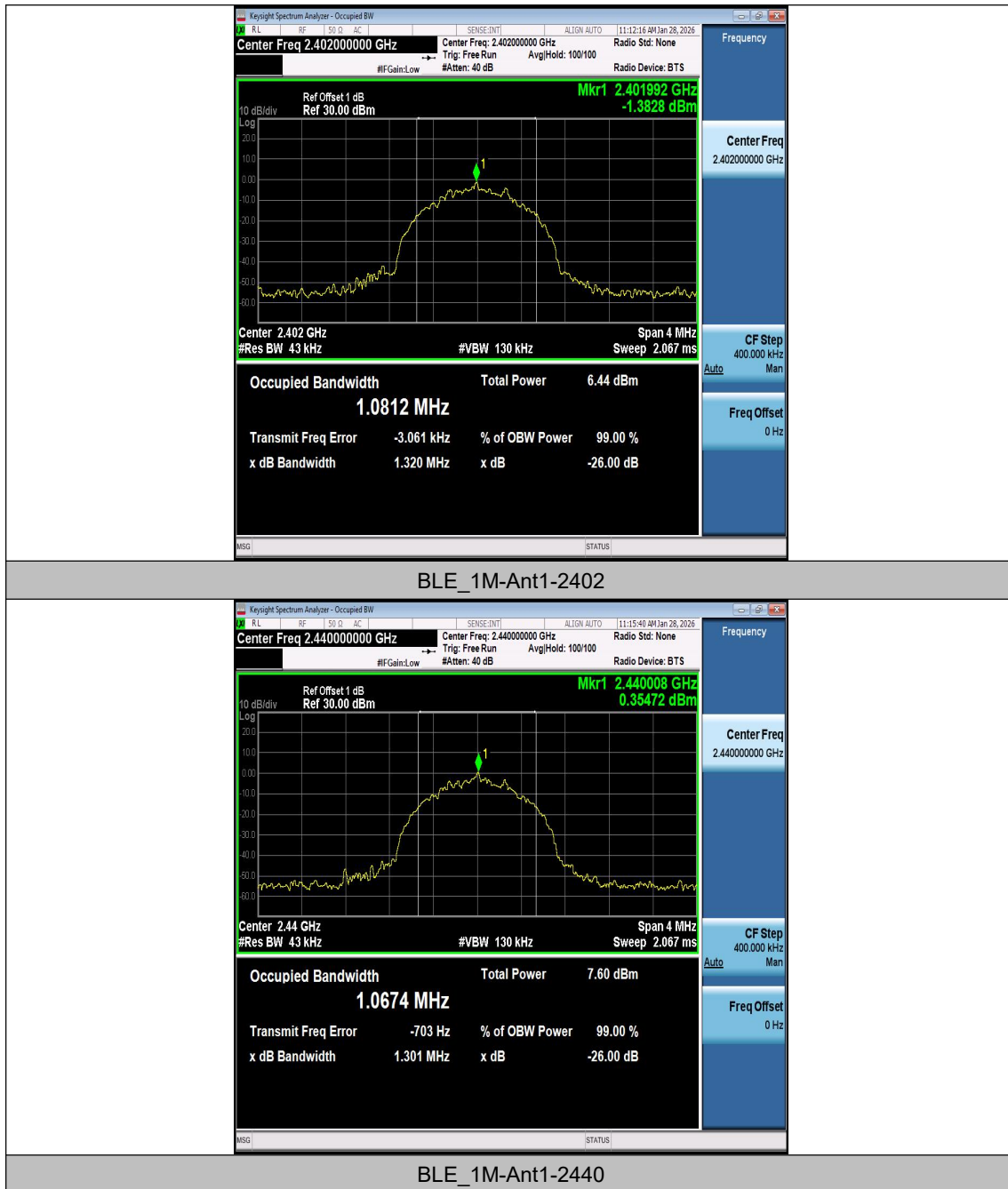
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Appendix B: 99% Occupied Bandwidth**Test Result**

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0812	2401.4563	2402.5375	---	---
BLE_1M	Ant1	2440	1.0674	2439.4656	2440.5330	---	---
BLE_1M	Ant1	2480	1.0736	2479.4608	2480.5344	---	---

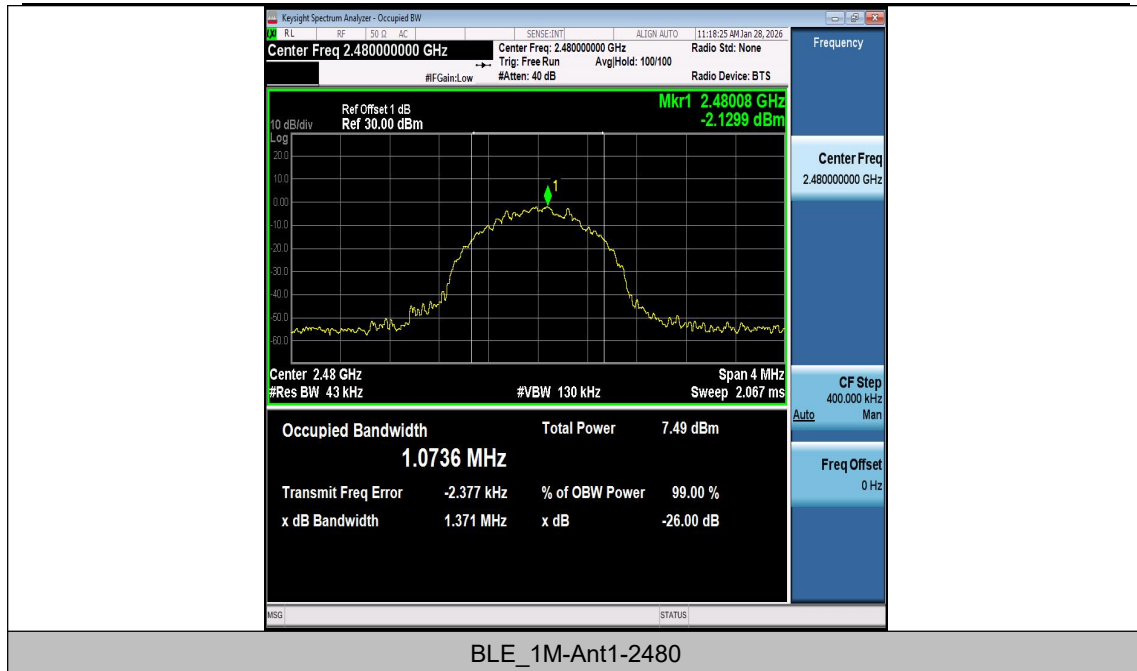
Test Graphs



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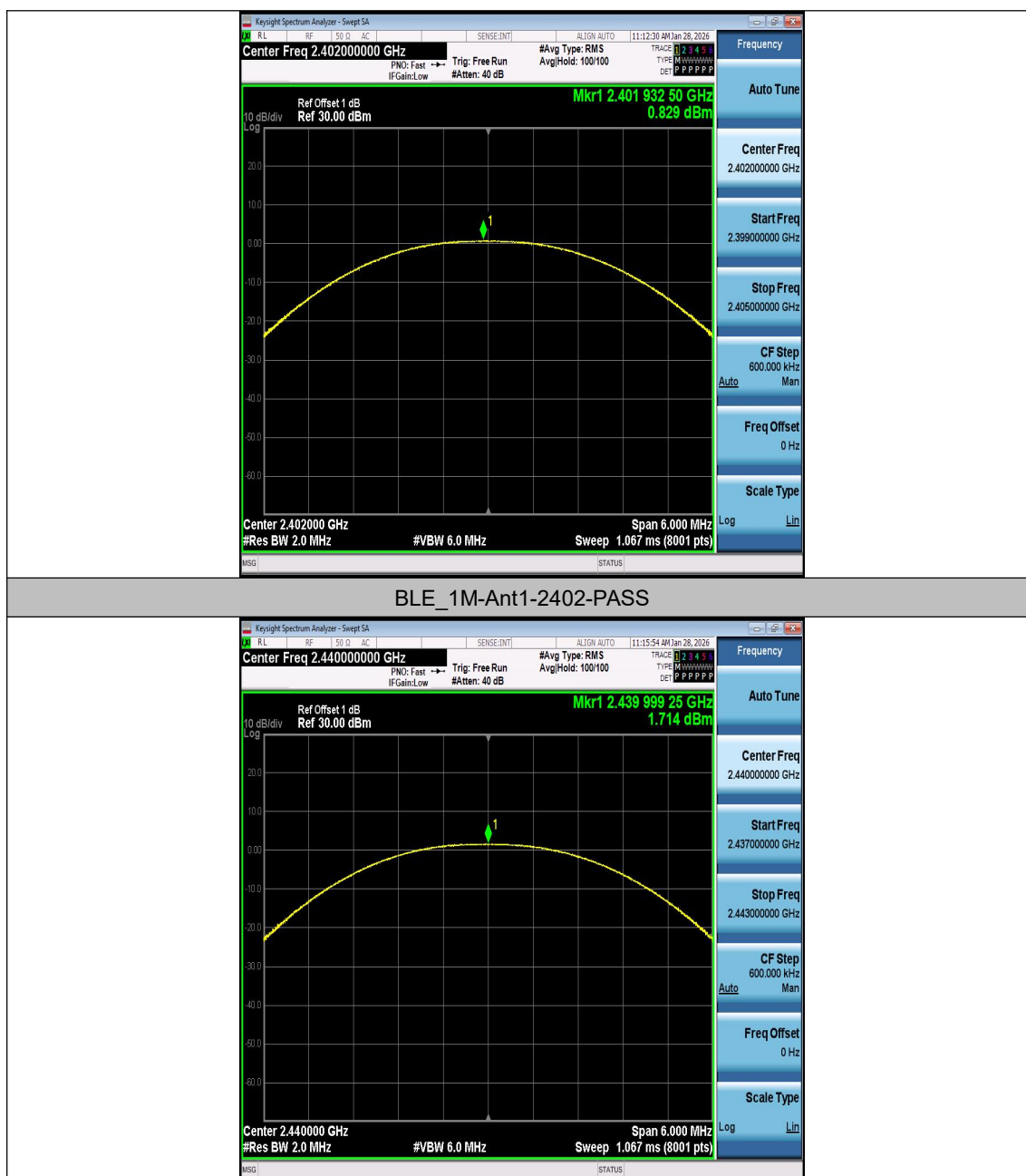
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Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0.83	≤30	PASS
BLE_1M	Ant1	2440	1.71	≤30	PASS
BLE_1M	Ant1	2480	1.89	≤30	PASS

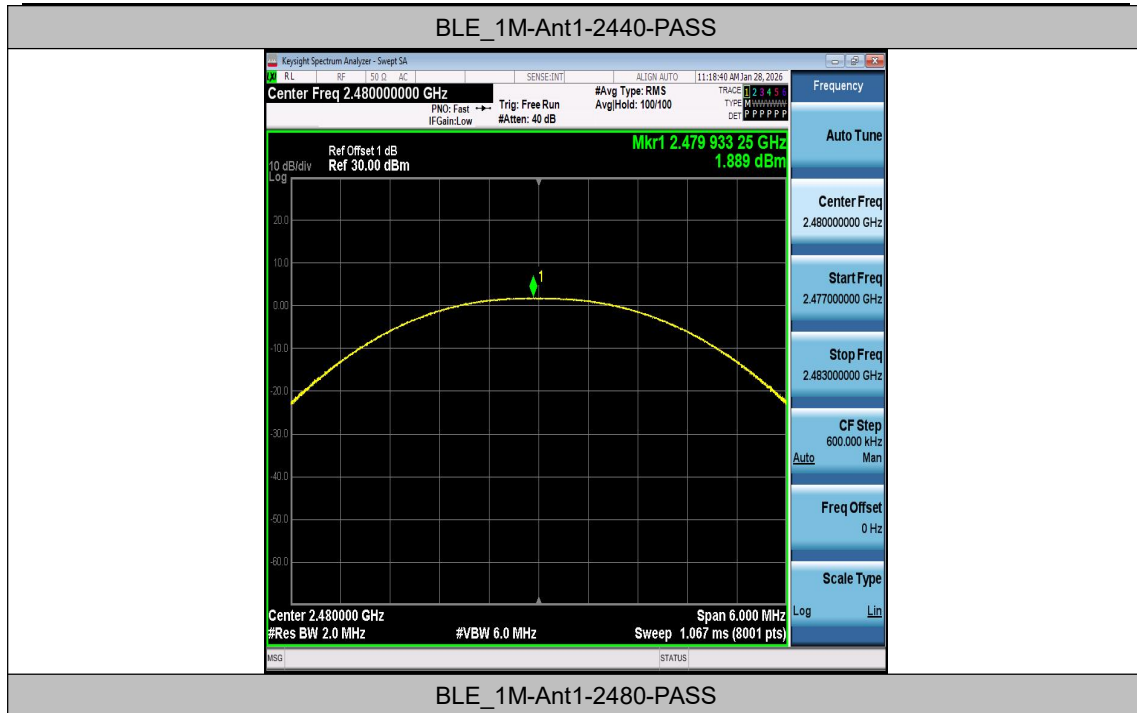
Test Graphs Peak



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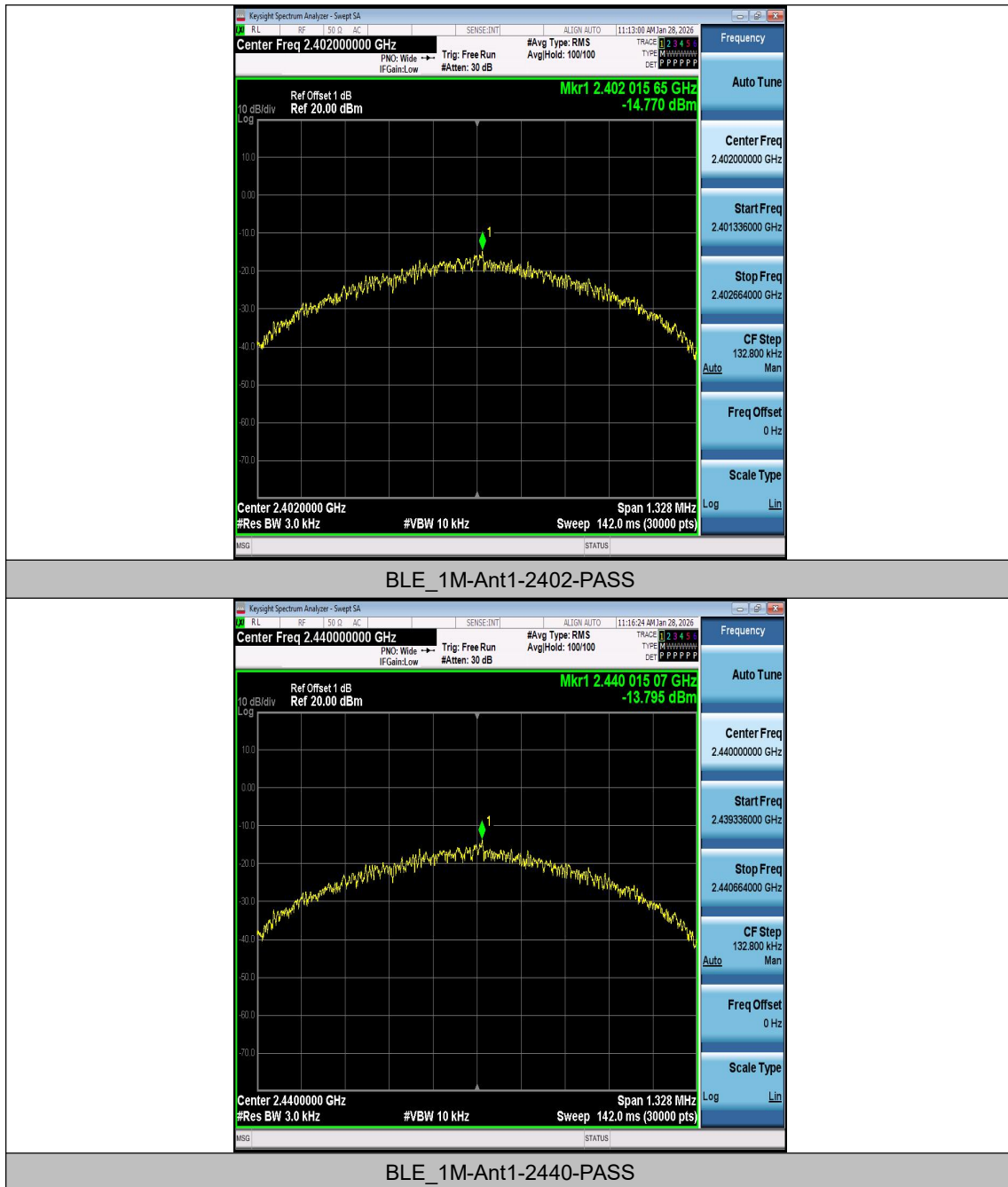
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-14.77	≤8.00	PASS
BLE_1M	Ant1	2440	-13.80	≤8.00	PASS
BLE_1M	Ant1	2480	-13.76	≤8.00	PASS

Test Graphs



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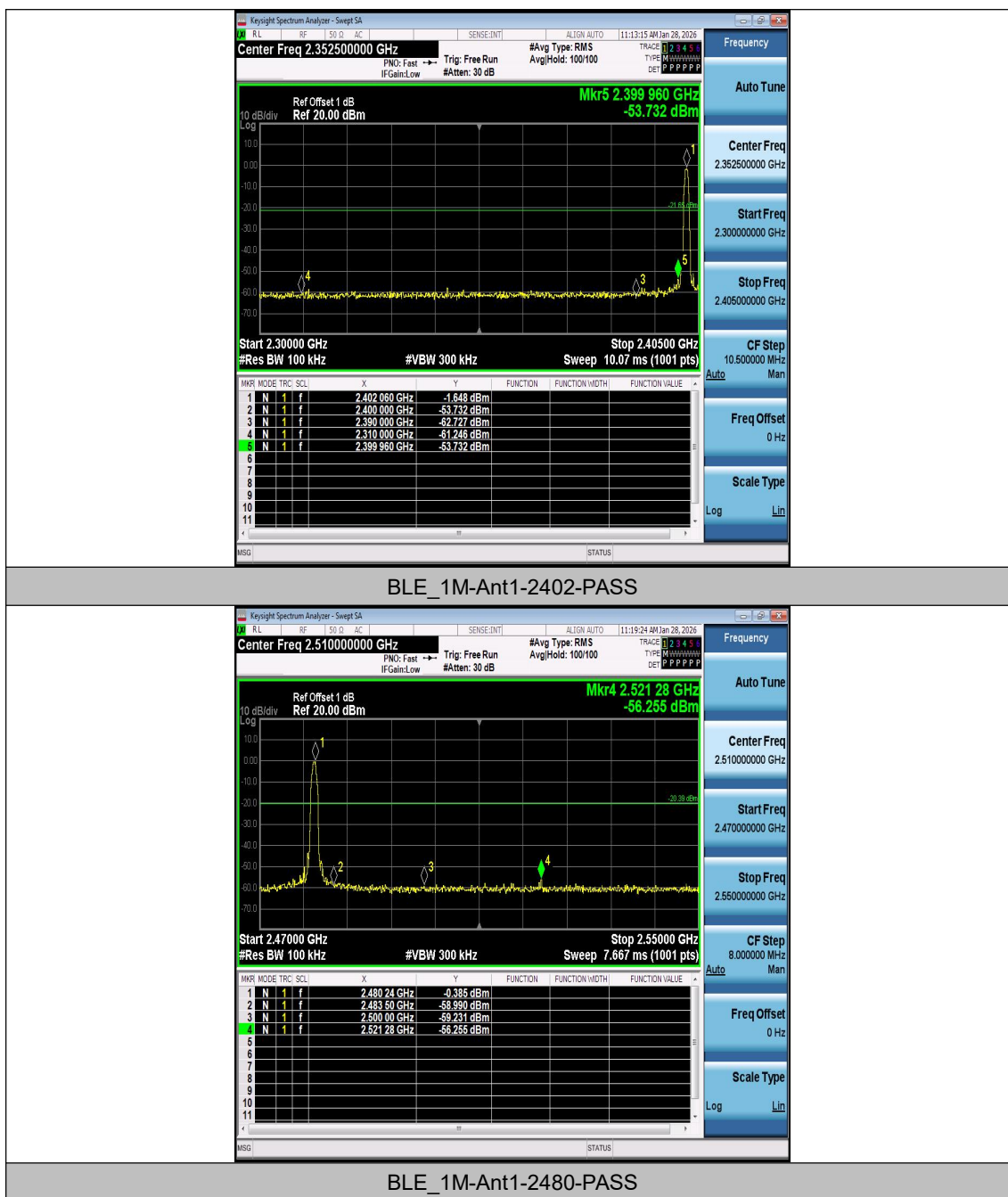
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-1.65	-53.73	≤-21.65	PASS
BLE_1M	Ant1	High	2480	-0.39	-56.26	≤-20.39	PASS

Test Graphs



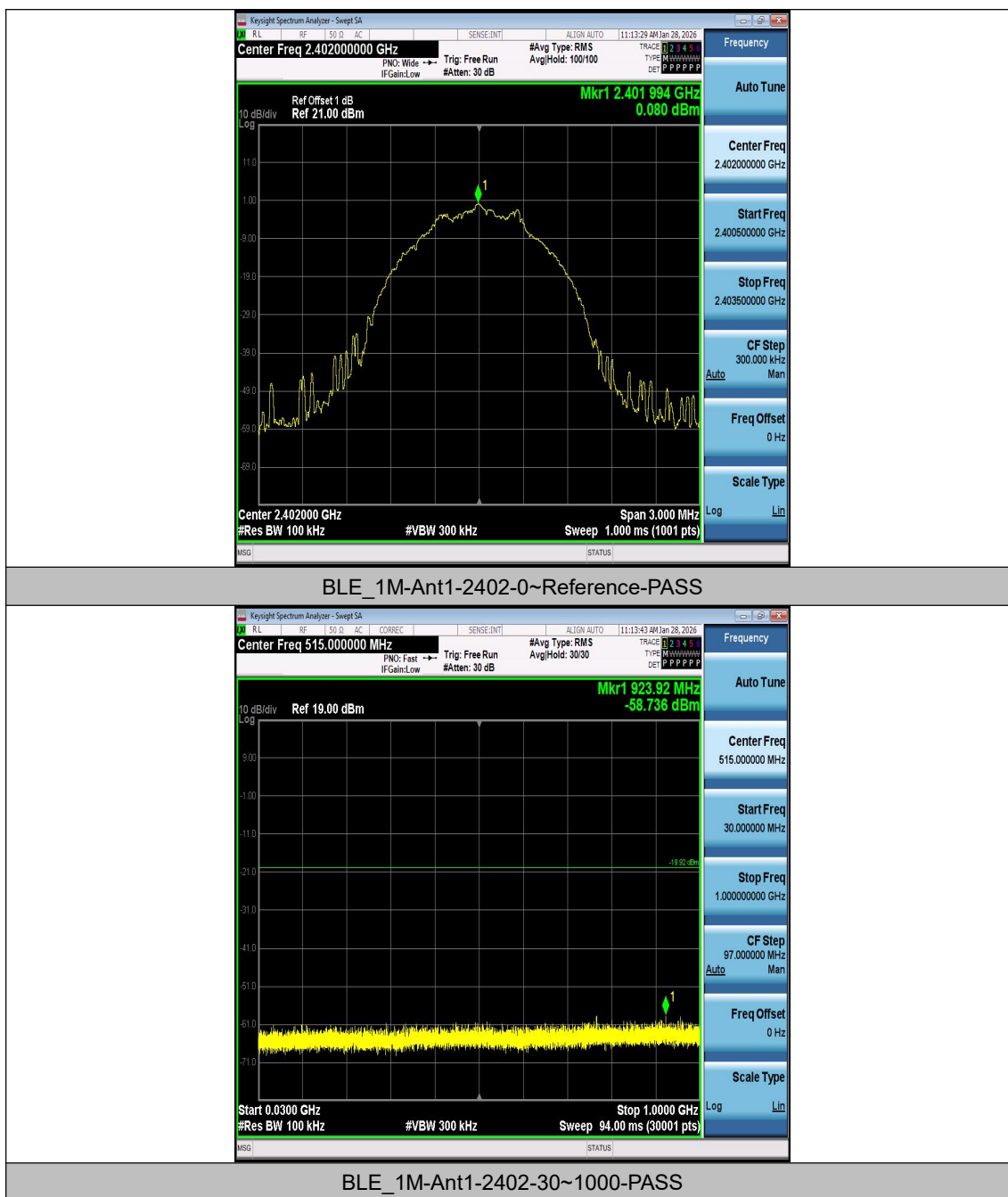
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	0.08	0.08	---	PASS
BLE_1M	Ant1	2402	30~1000	0.08	-58.74	≤-19.92	PASS
BLE_1M	Ant1	2402	1000~26500	0.08	-48.81	≤-19.92	PASS
BLE_1M	Ant1	2440	0~Reference	-0.32	-0.32	---	PASS
BLE_1M	Ant1	2440	30~1000	-0.32	-58.54	≤-20.32	PASS
BLE_1M	Ant1	2440	1000~26500	-0.32	-49.15	≤-20.32	PASS
BLE_1M	Ant1	2480	0~Reference	0.51	0.51	---	PASS
BLE_1M	Ant1	2480	30~1000	0.51	-59.26	≤-19.49	PASS
BLE_1M	Ant1	2480	1000~26500	0.51	-48.69	≤-19.49	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.

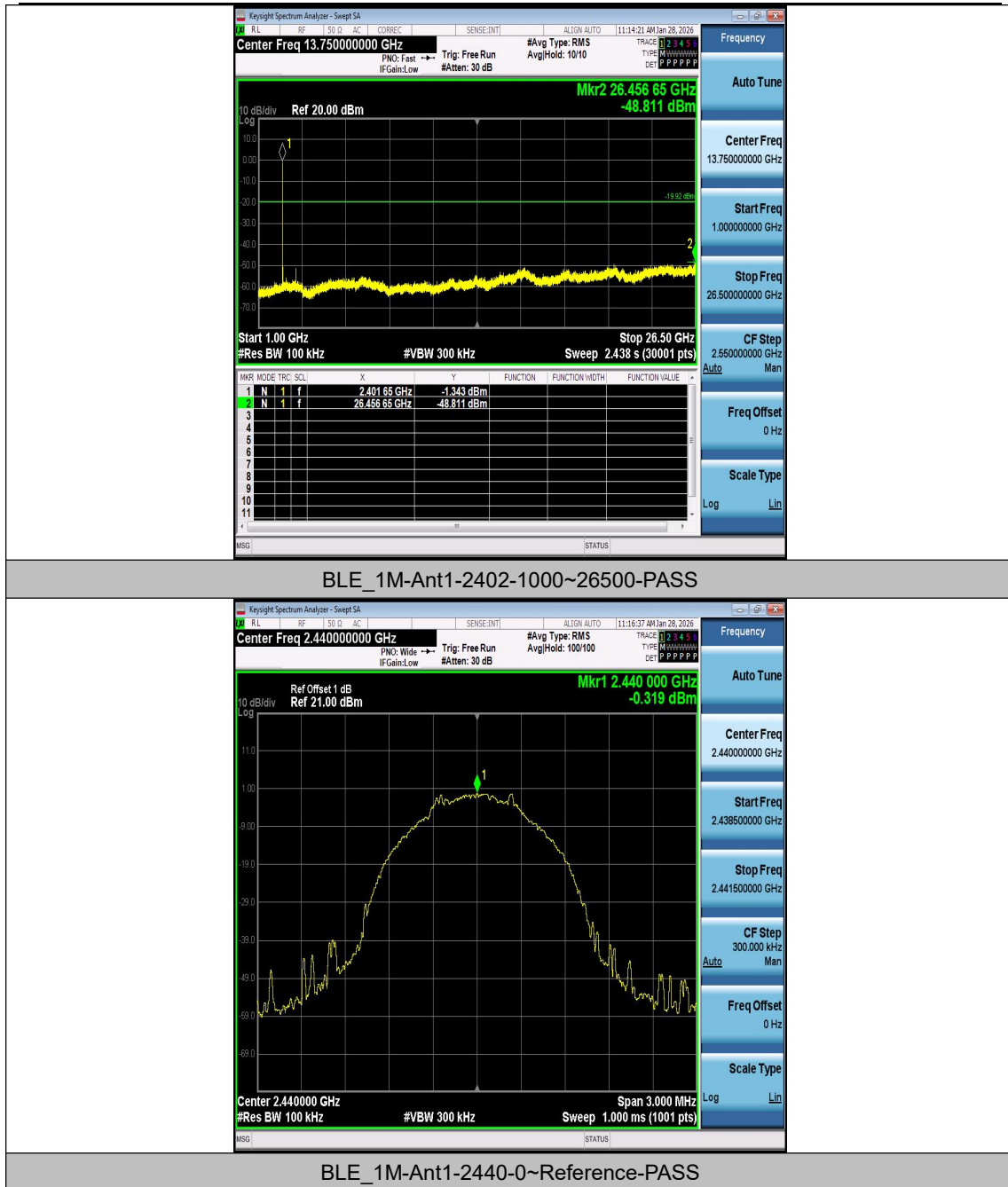
Test Graphs



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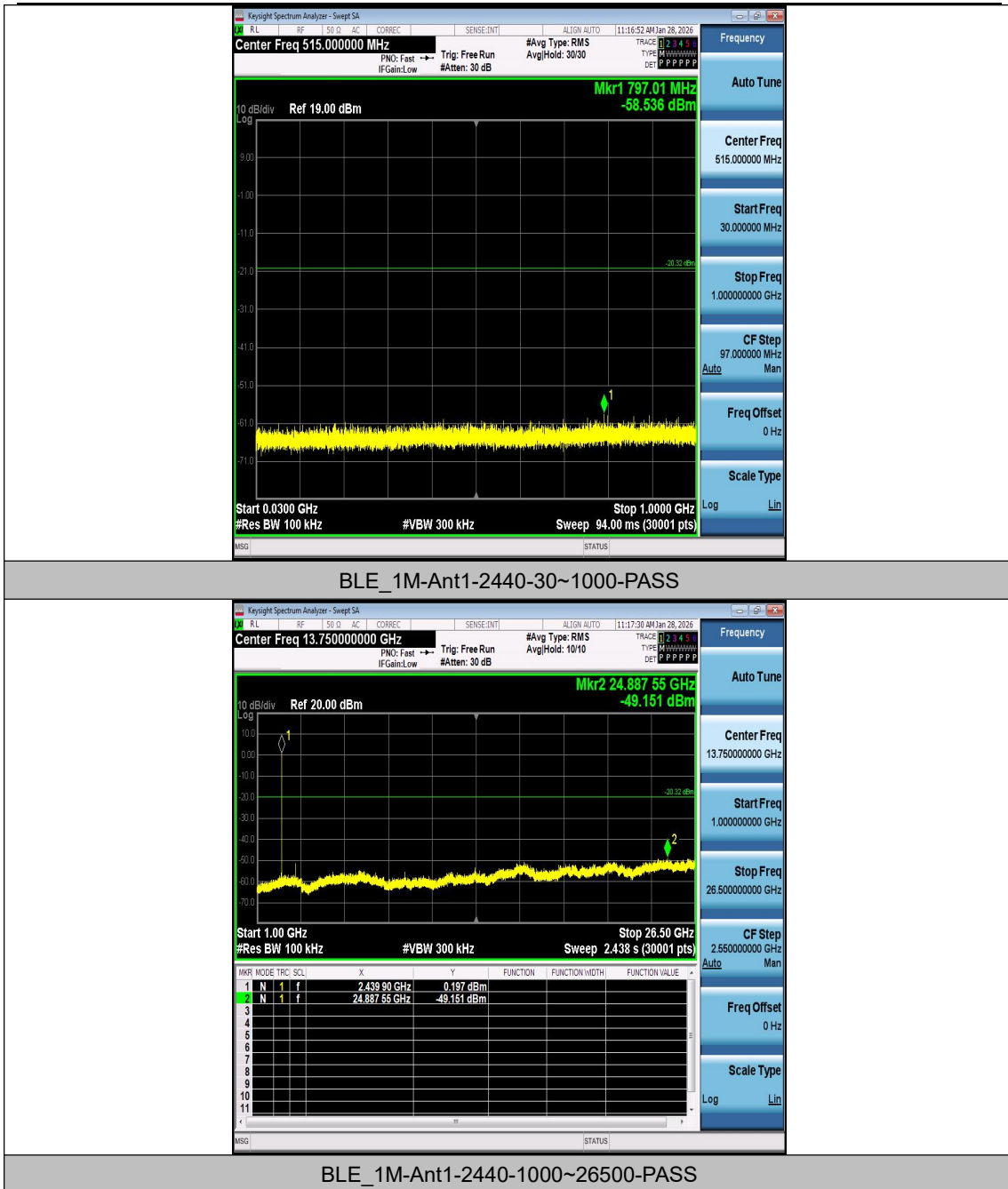
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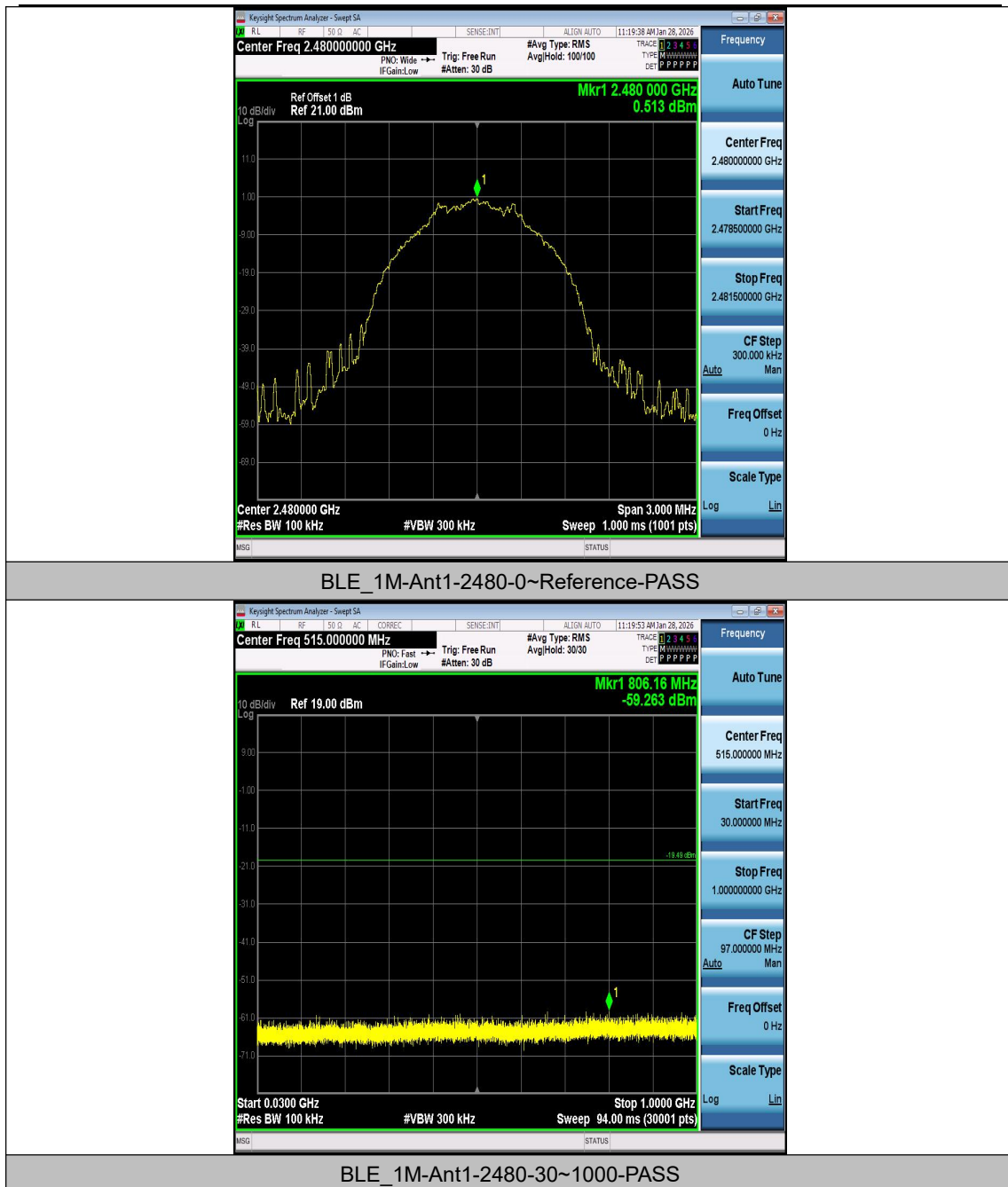
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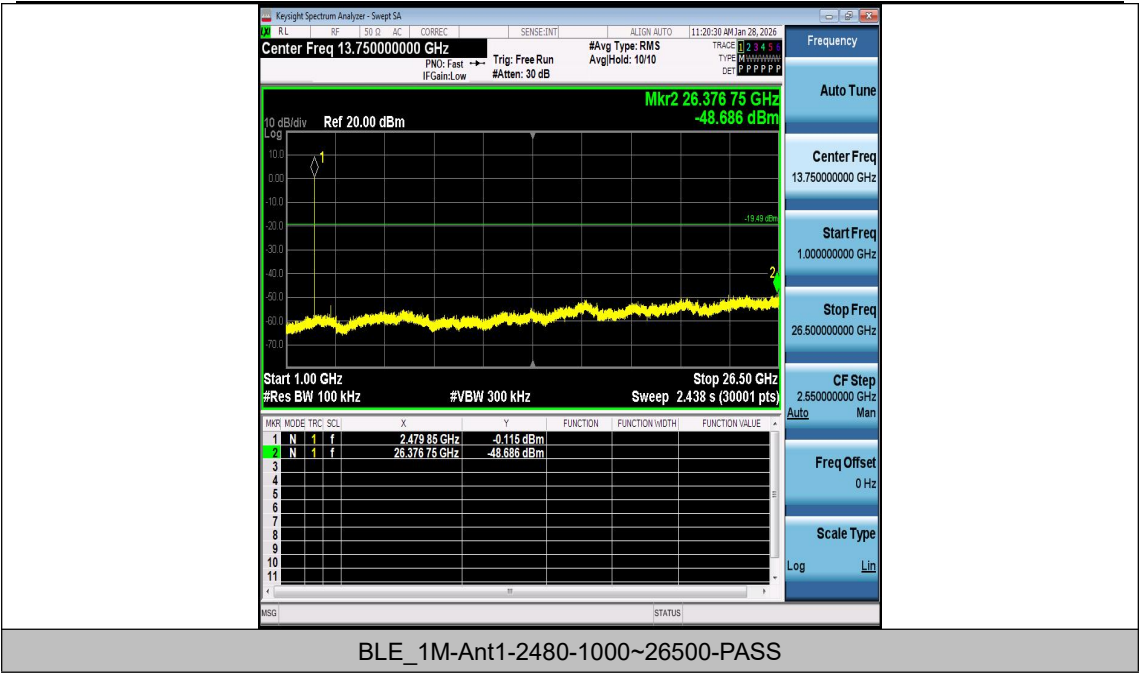
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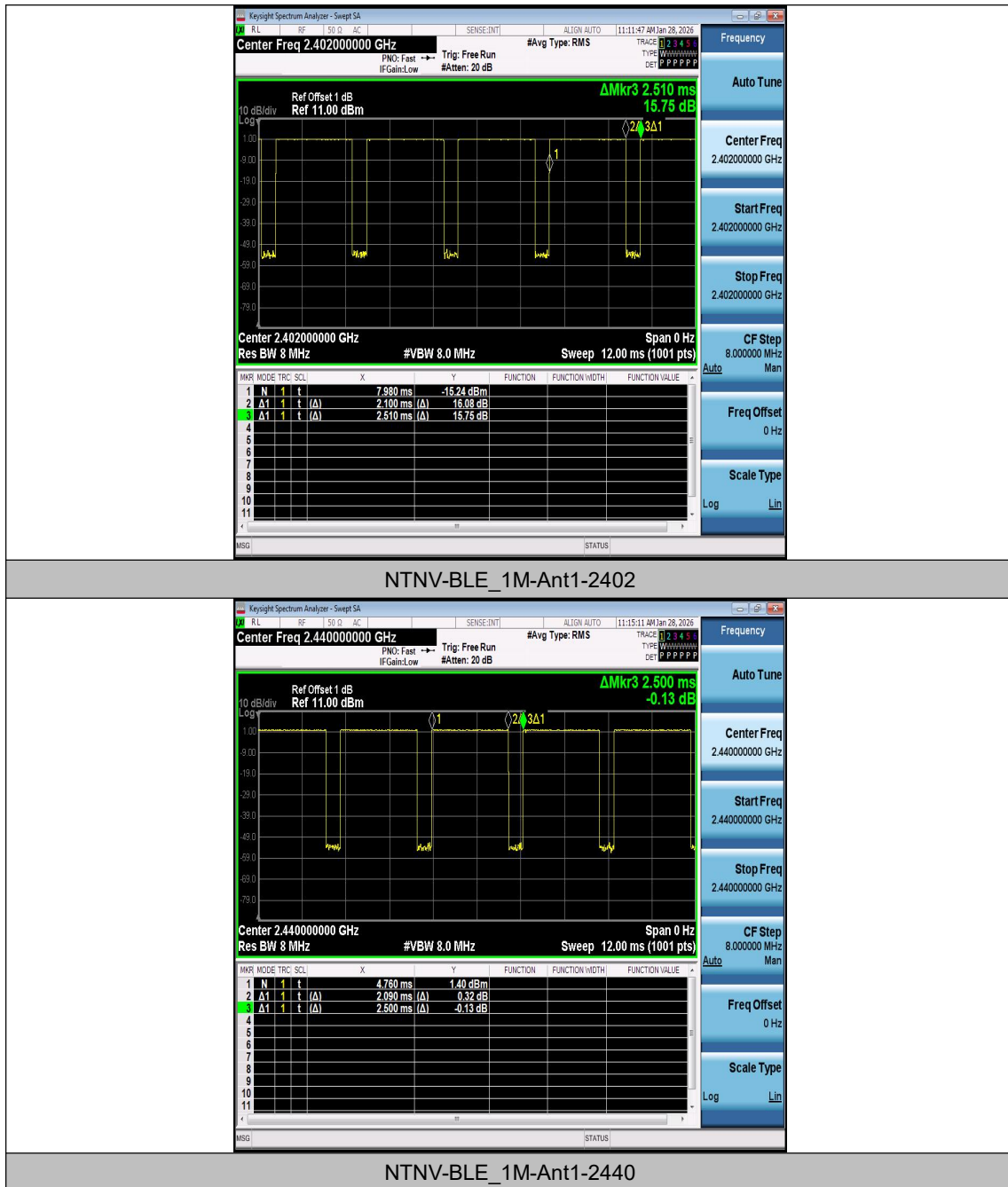
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Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	2.10	2.51	83.67	0.77
BLE_1M	Ant1	2440	2.09	2.50	83.60	0.78
BLE_1M	Ant1	2480	2.10	2.51	83.67	0.77

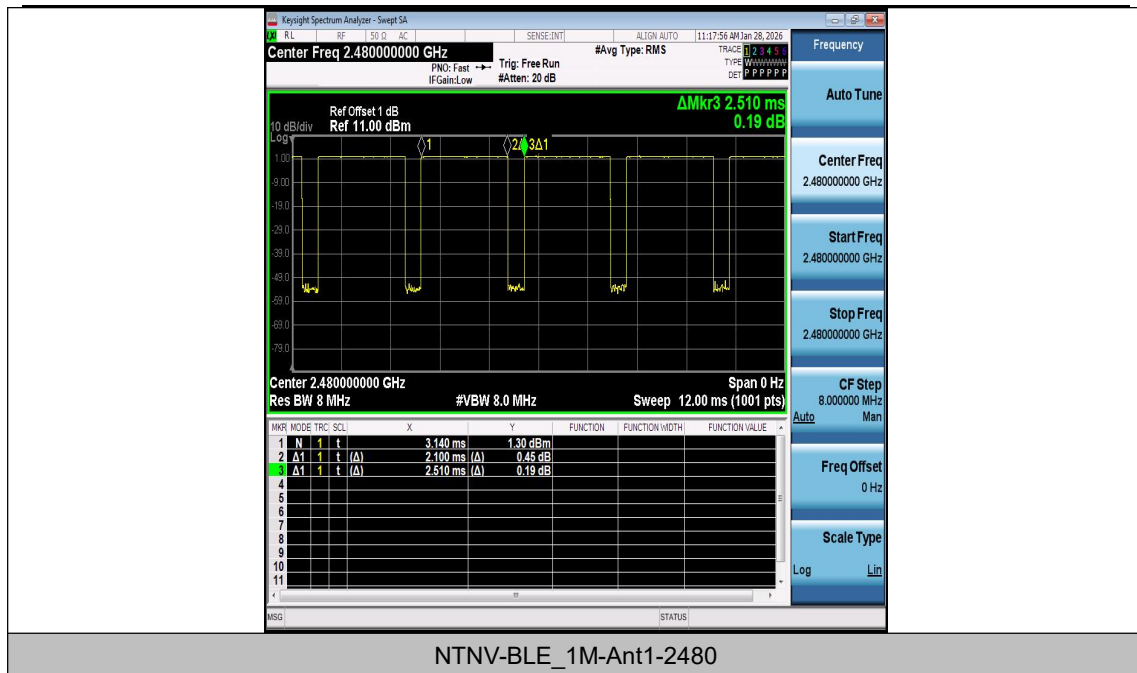
Test Graphs



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