

Appendix: Bluetooth LE

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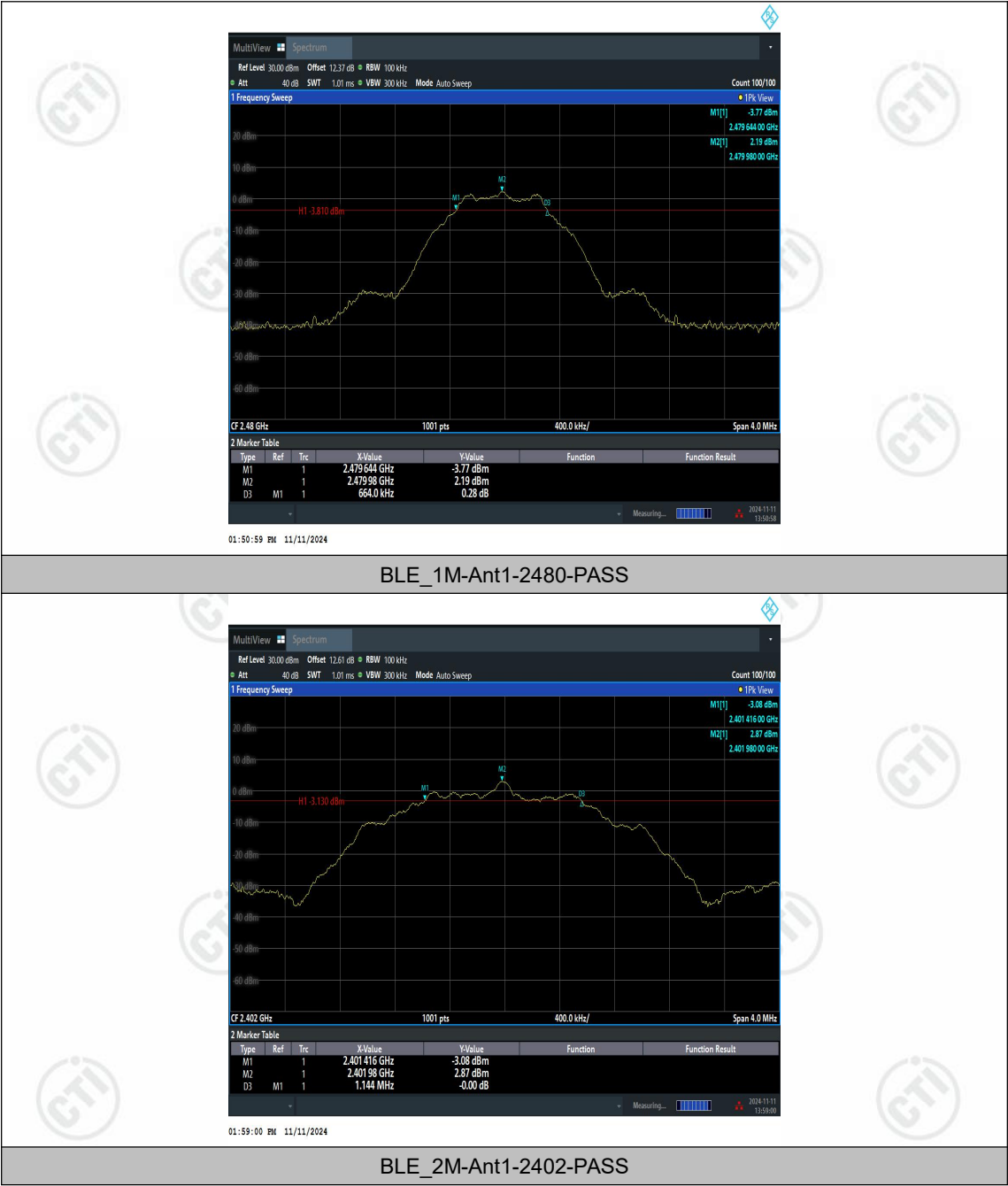
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.66	2401.64	2402.31	0.5	PASS
BLE_1M	Ant1	2440	0.66	2439.64	2440.31	0.5	PASS
BLE_1M	Ant1	2480	0.66	2479.64	2480.31	0.5	PASS
BLE_2M	Ant1	2402	1.14	2401.42	2402.56	0.5	PASS
BLE_2M	Ant1	2440	1.14	2439.42	2440.56	0.5	PASS
BLE_2M	Ant1	2480	1.10	2479.43	2480.53	0.5	PASS

Test Graphs







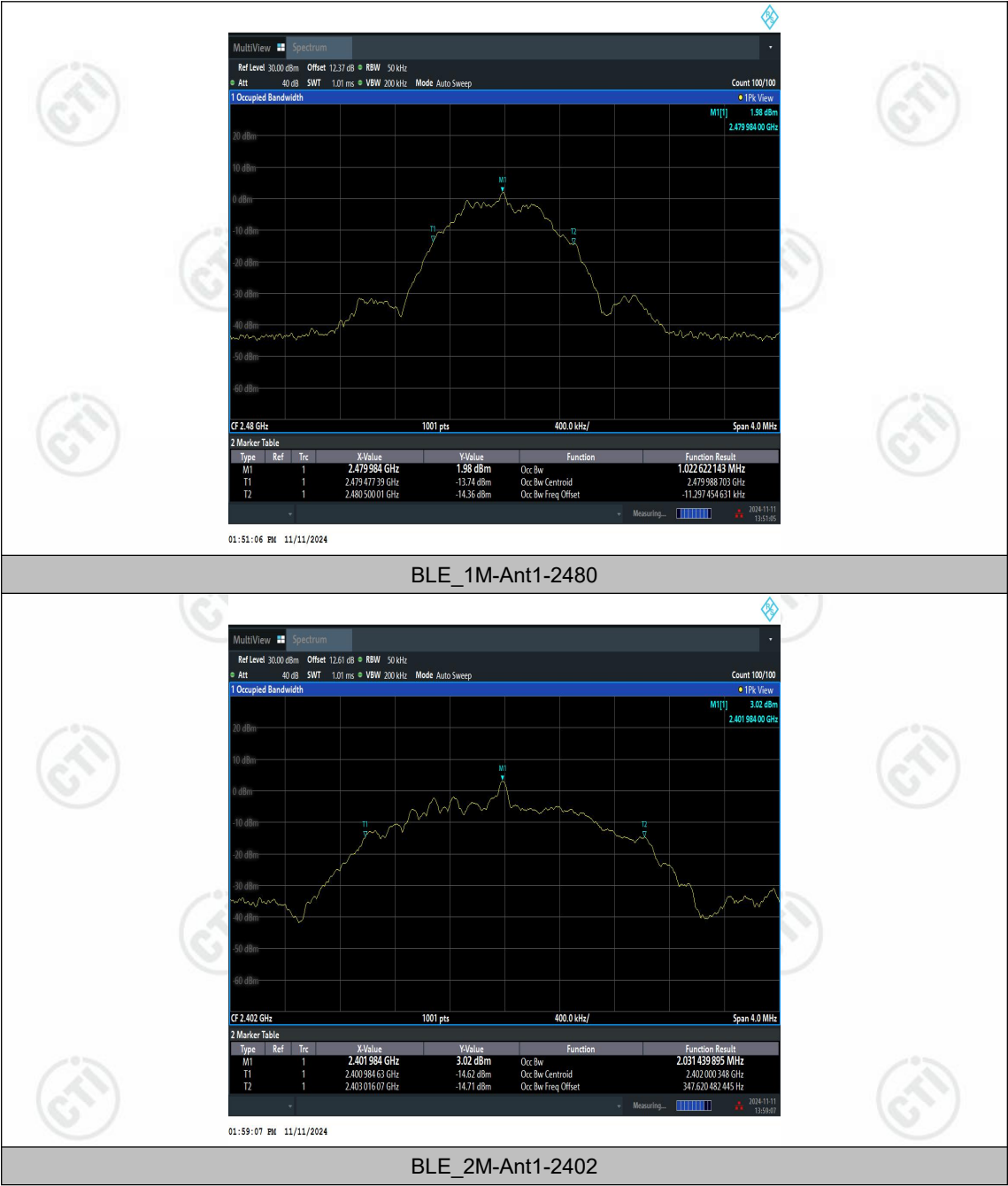
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.026	2401.4752	2402.5016	---	---
BLE_1M	Ant1	2440	1.018	2439.4763	2440.4945	---	---
BLE_1M	Ant1	2480	1.023	2479.4774	2480.5000	---	---
BLE_2M	Ant1	2402	2.031	2400.9846	2403.0161	---	---
BLE_2M	Ant1	2440	2.031	2438.9869	2441.0180	---	---
BLE_2M	Ant1	2480	2.03	2478.9819	2481.0118	---	---

Test Graphs





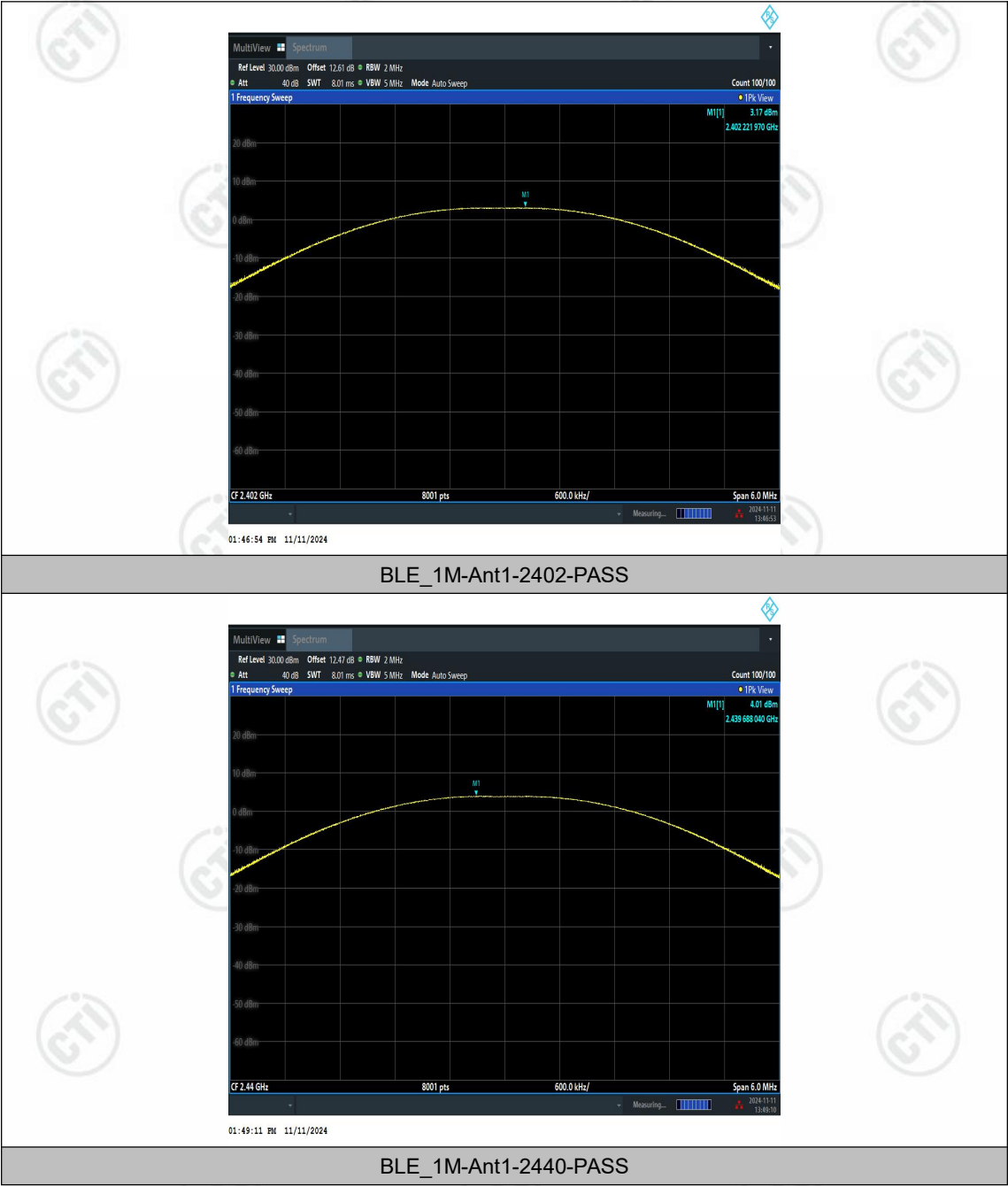


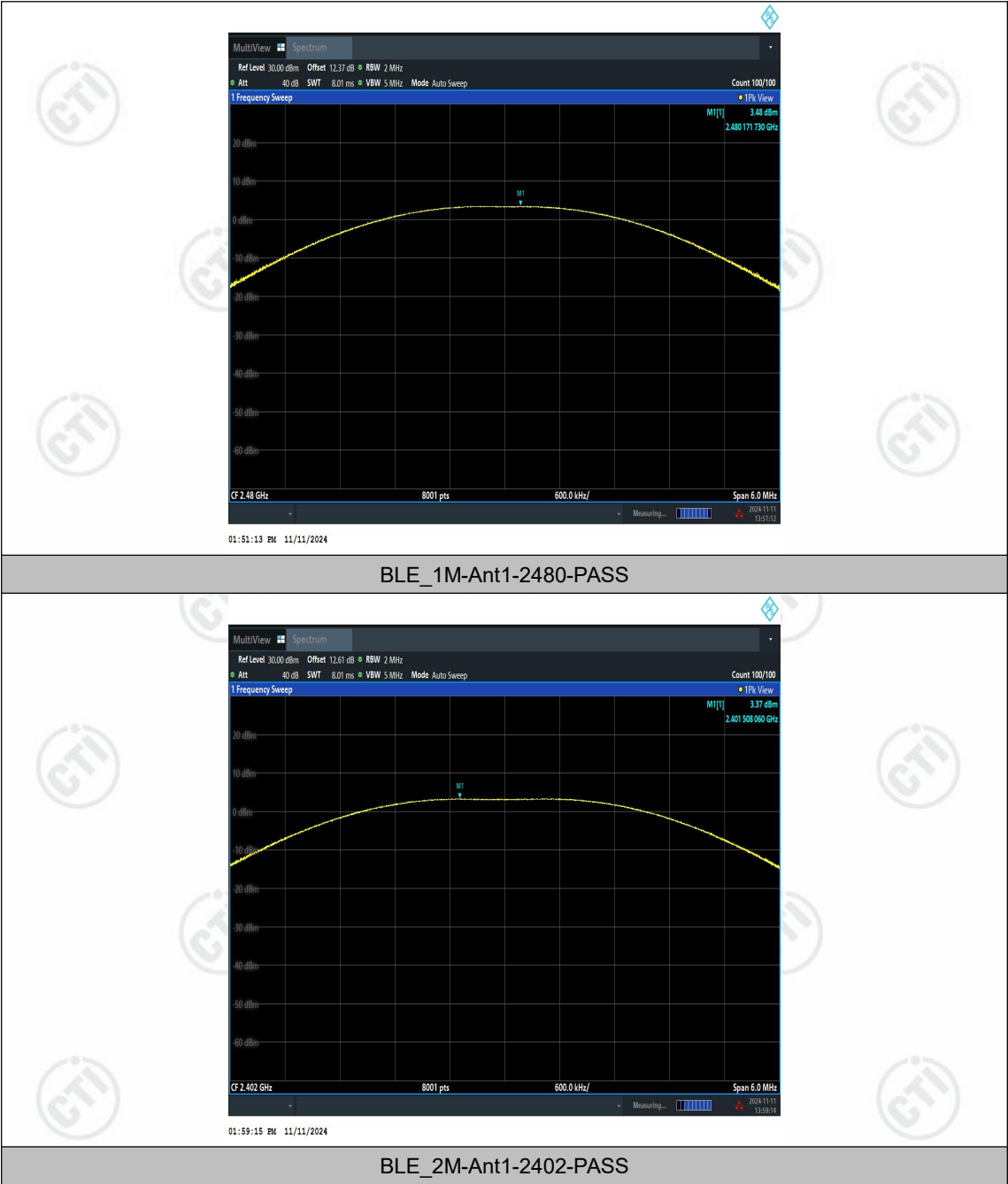
Appendix C: Maximum conducted output power

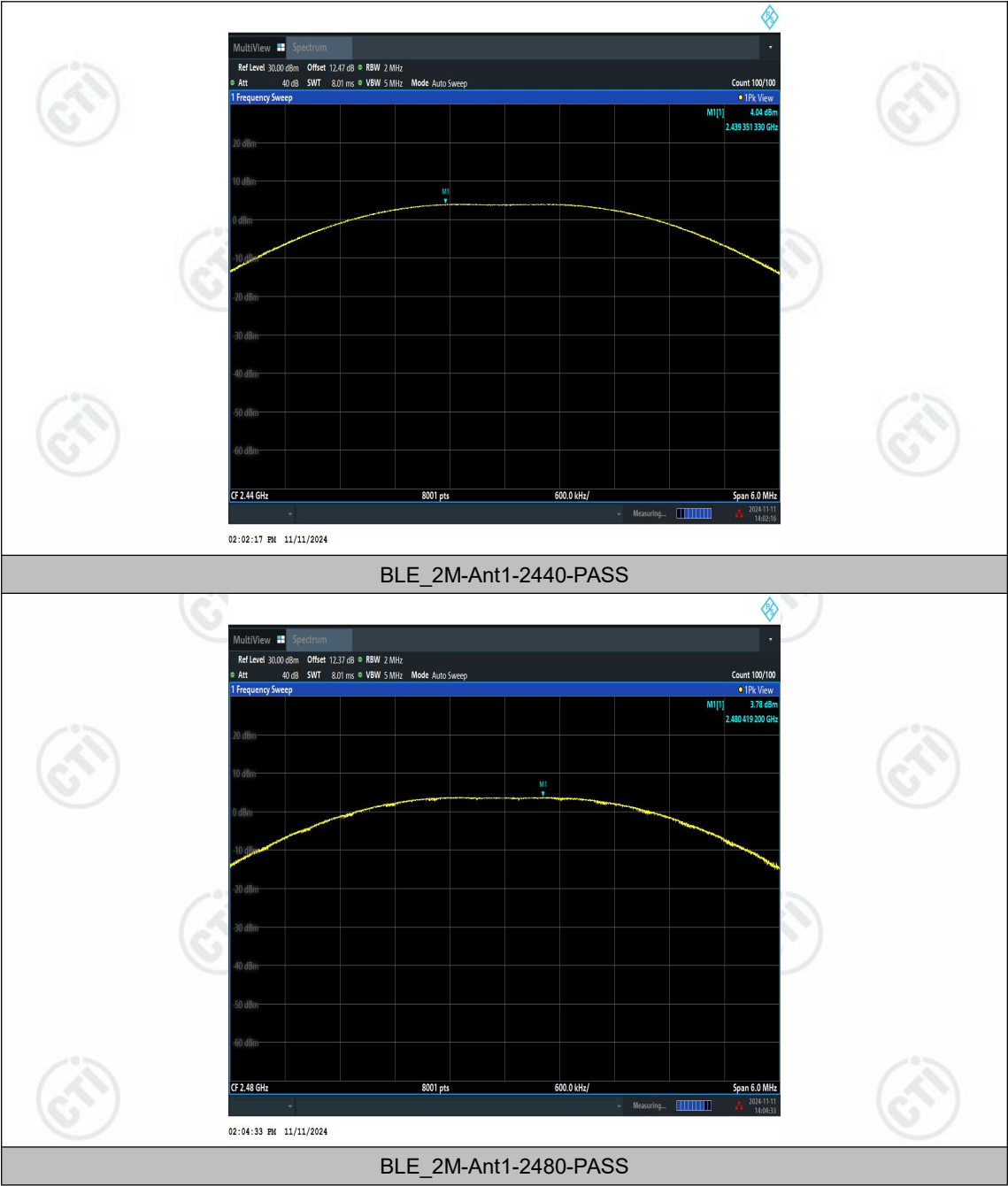
Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	3.17	≤30	PASS
BLE_1M	Ant1	2440	4.01	≤30	PASS
BLE_1M	Ant1	2480	3.48	≤30	PASS
BLE_2M	Ant1	2402	3.37	≤30	PASS
BLE_2M	Ant1	2440	4.04	≤30	PASS
BLE_2M	Ant1	2480	3.78	≤30	PASS

Test Graphs Peak







Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-9.97	≤8.00	PASS
BLE_1M	Ant1	2440	-10.58	≤8.00	PASS
BLE_1M	Ant1	2480	-10.38	≤8.00	PASS
BLE_2M	Ant1	2402	-10.20	≤8.00	PASS
BLE_2M	Ant1	2440	-10.83	≤8.00	PASS
BLE_2M	Ant1	2480	-10.60	≤8.00	PASS

Test Graphs

