

Appendix: Bluetooth LE

Contents

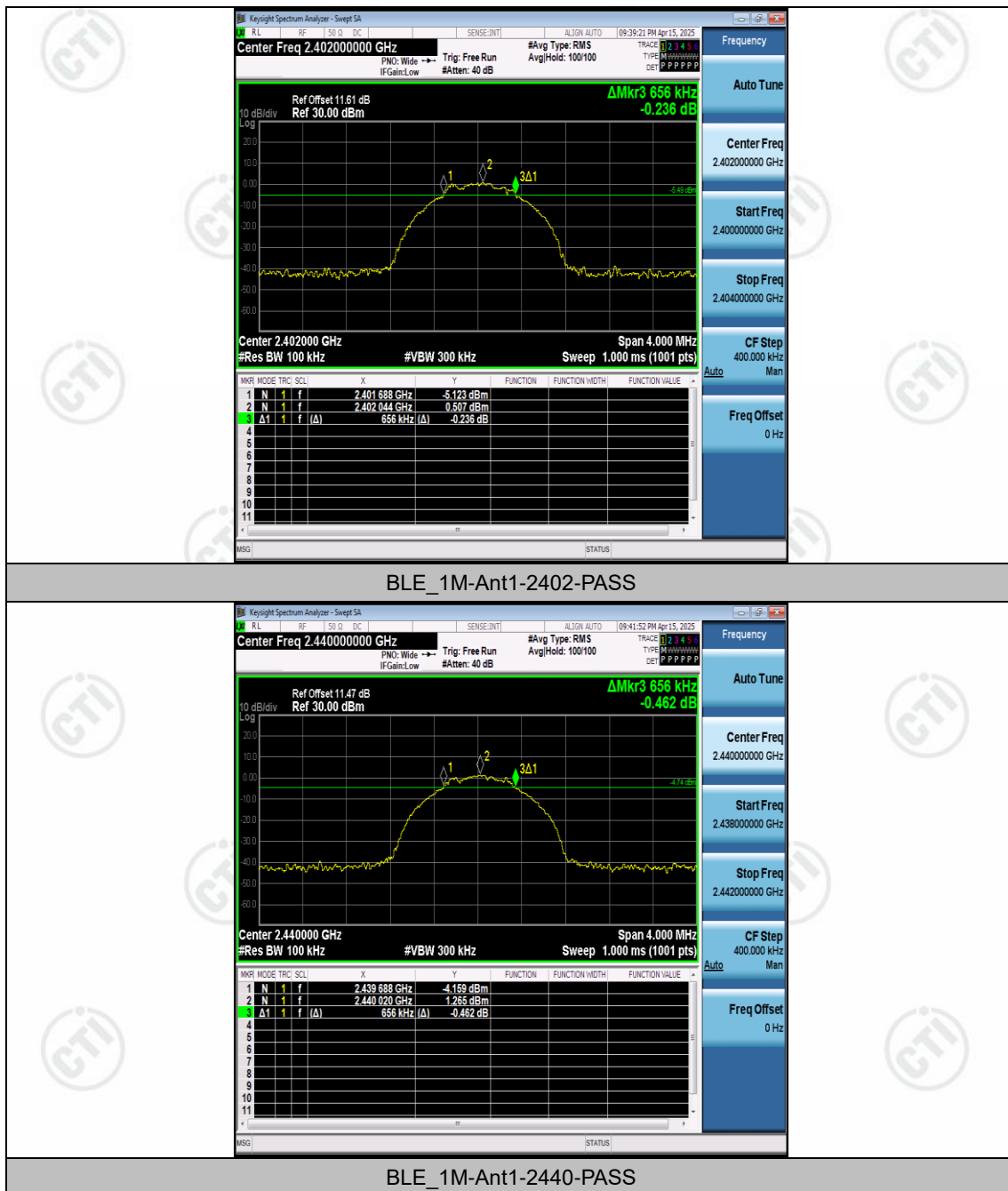
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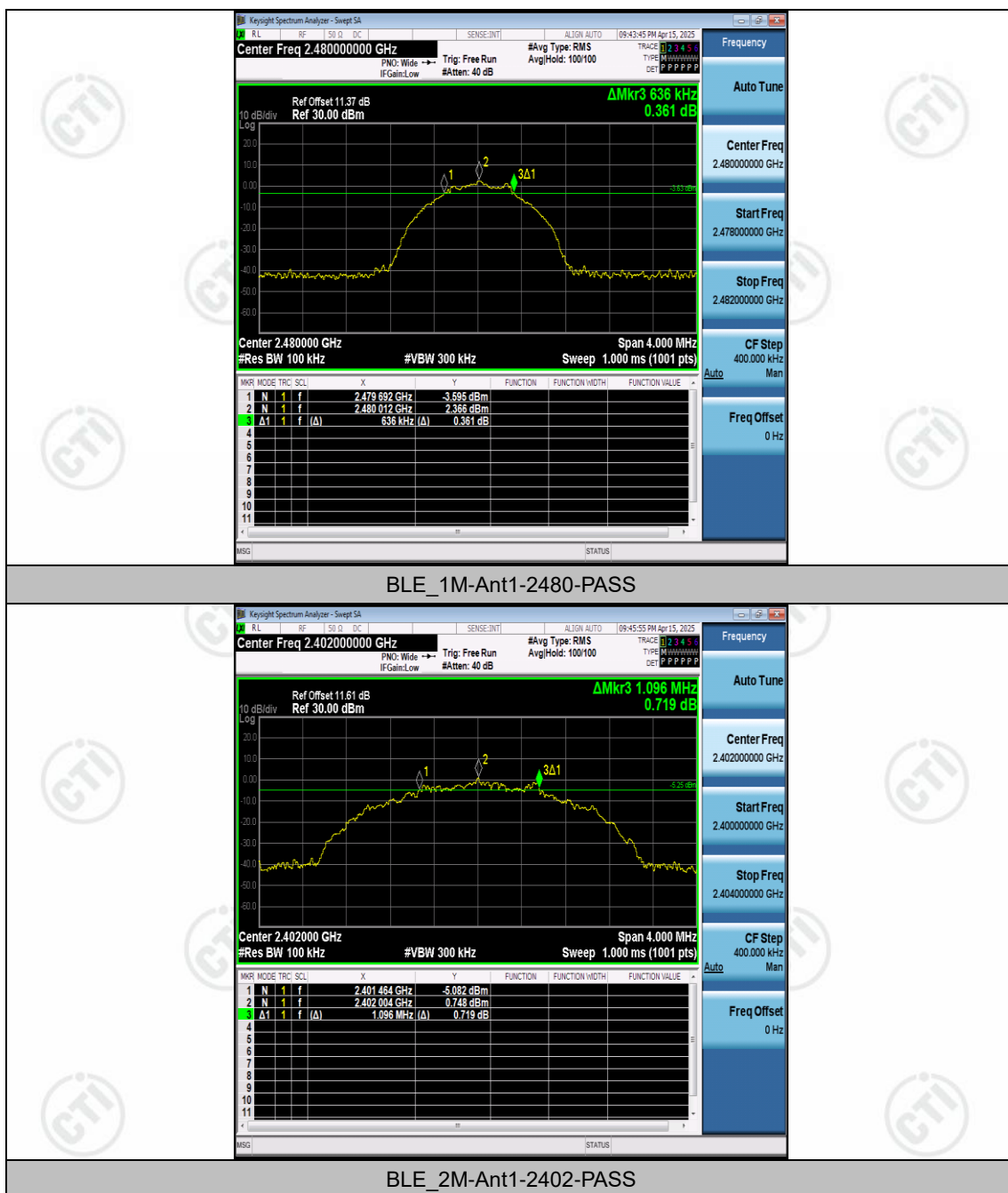
Appendix A: DTS Bandwidth

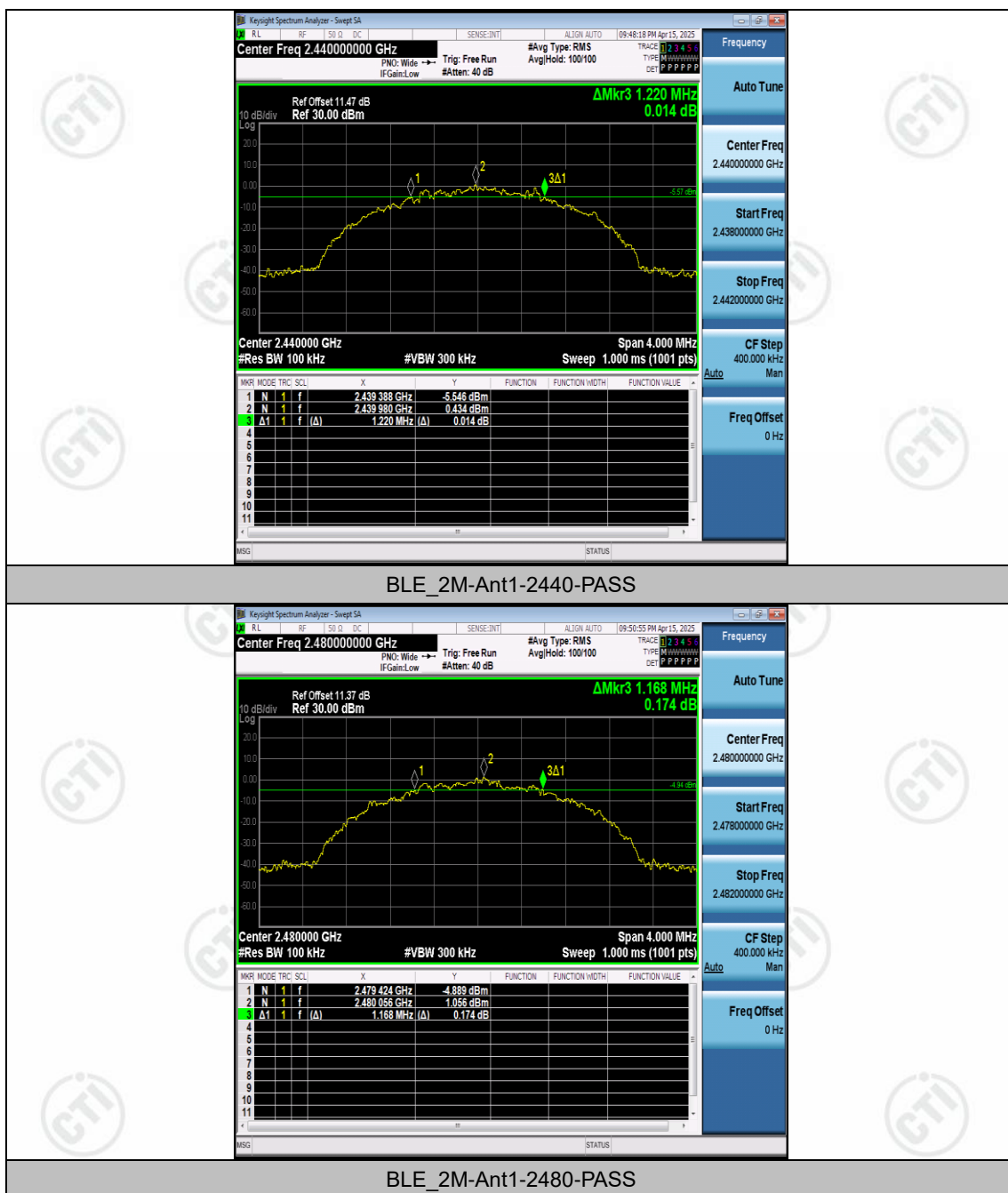
Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.656	2401.688	2402.344	0.5	PASS
BLE_1M	Ant1	2440	0.656	2439.688	2440.344	0.5	PASS
BLE_1M	Ant1	2480	0.636	2479.692	2480.328	0.5	PASS
BLE_2M	Ant1	2402	1.096	2401.464	2402.560	0.5	PASS
BLE_2M	Ant1	2440	1.220	2439.388	2440.608	0.5	PASS
BLE_2M	Ant1	2480	1.168	2479.424	2480.592	0.5	PASS

Test Graphs



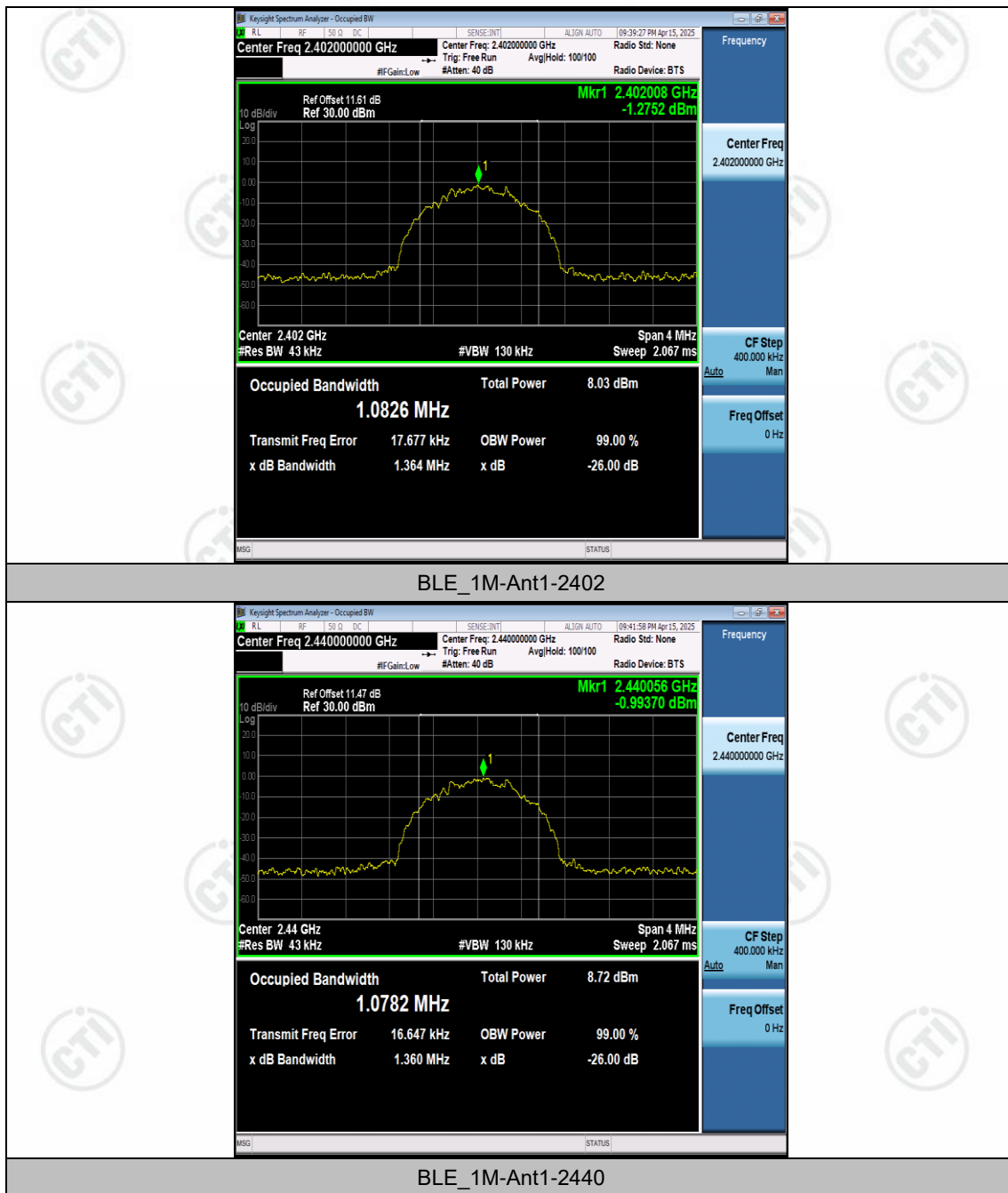




Appendix B: Occupied Channel Bandwidth**Test Result**

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0826	2401.4764	2402.5590	---	---
BLE_1M	Ant1	2440	1.0782	2439.4776	2440.5558	---	---
BLE_1M	Ant1	2480	1.0723	2479.4806	2480.5529	---	---
BLE_2M	Ant1	2402	2.1130	2400.9748	2403.0878	---	---
BLE_2M	Ant1	2440	2.1026	2438.9775	2441.0801	---	---
BLE_2M	Ant1	2480	2.1301	2478.9564	2481.0865	---	---

Test Graphs





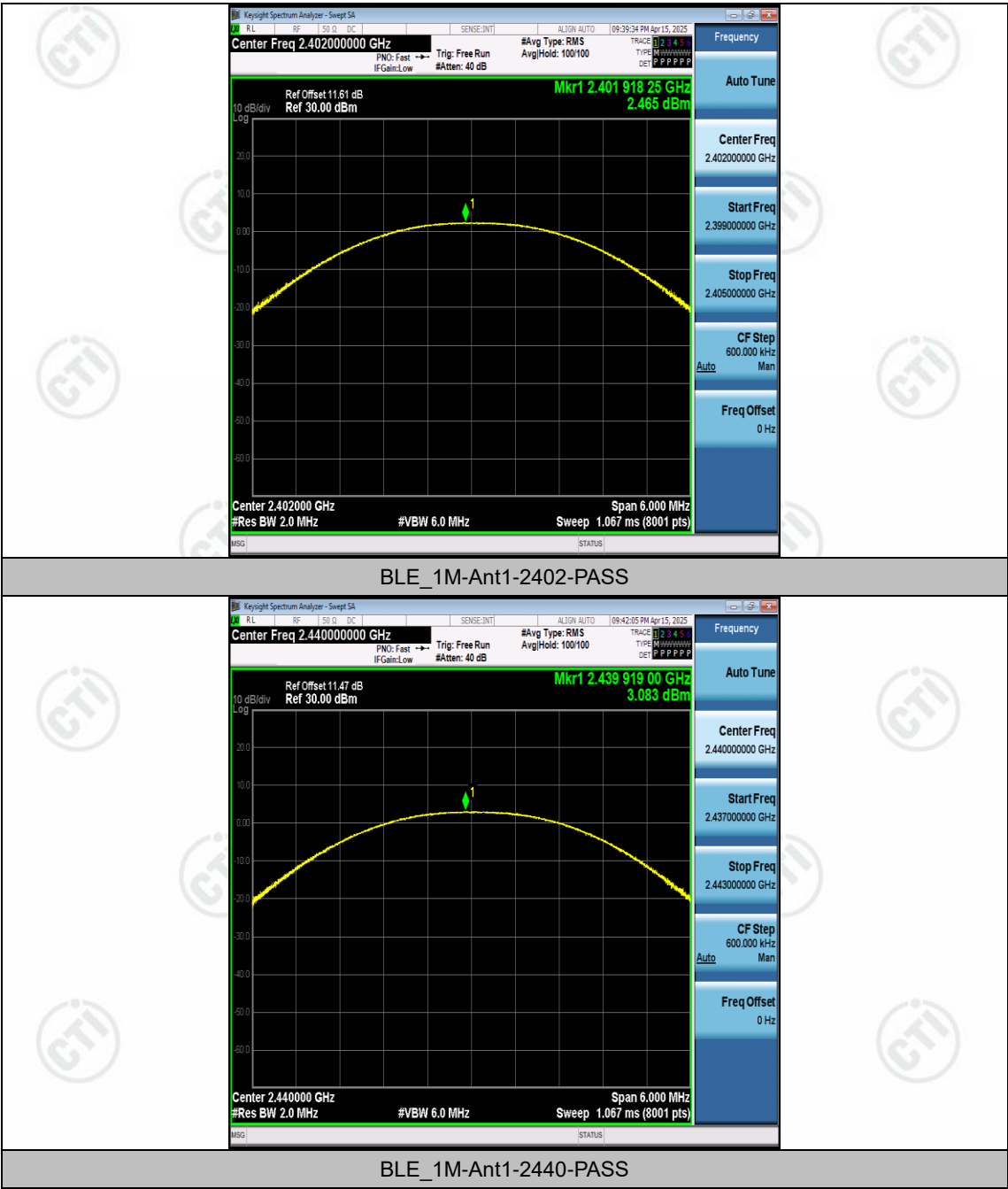


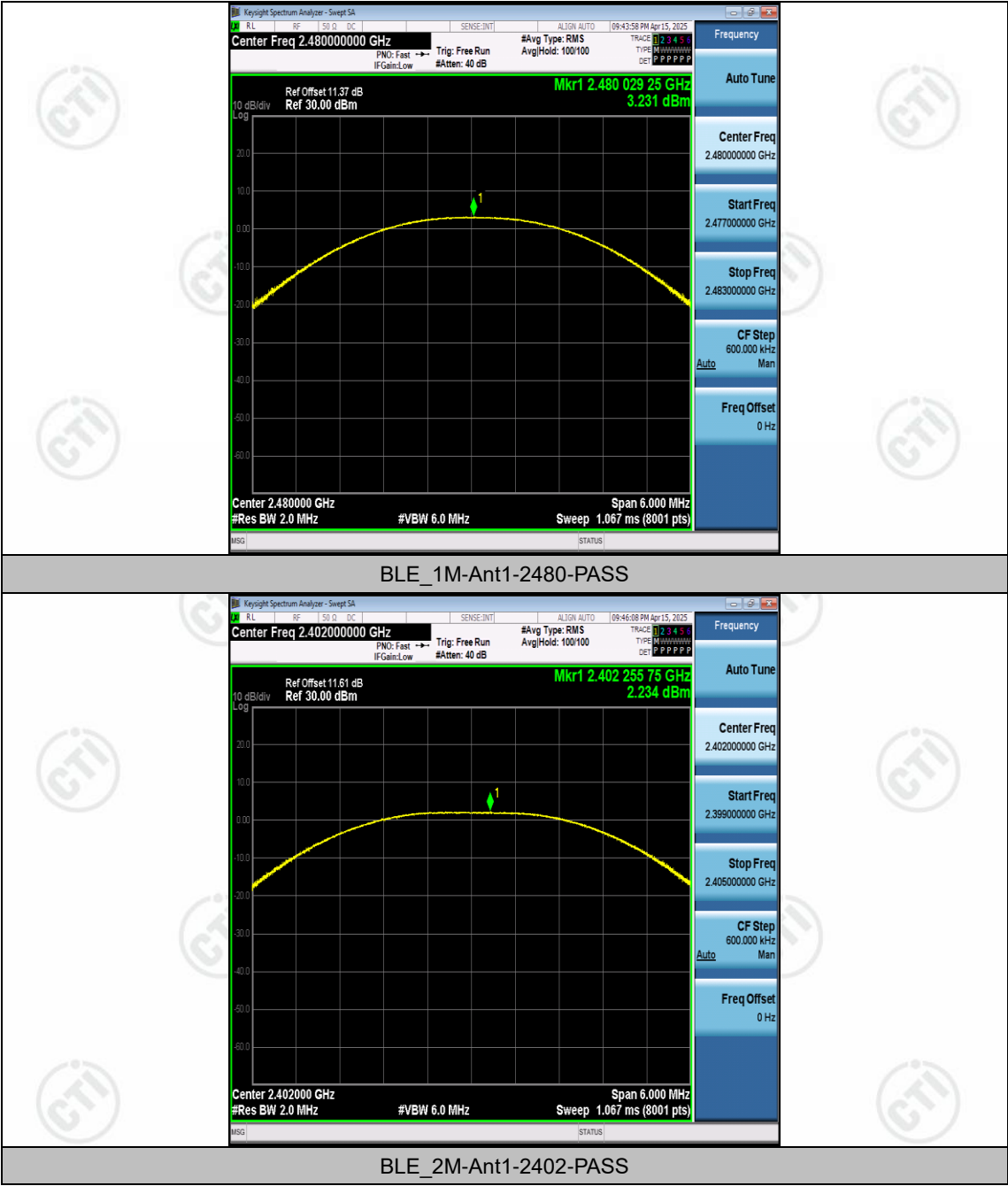
Appendix C: Maximum conducted output power

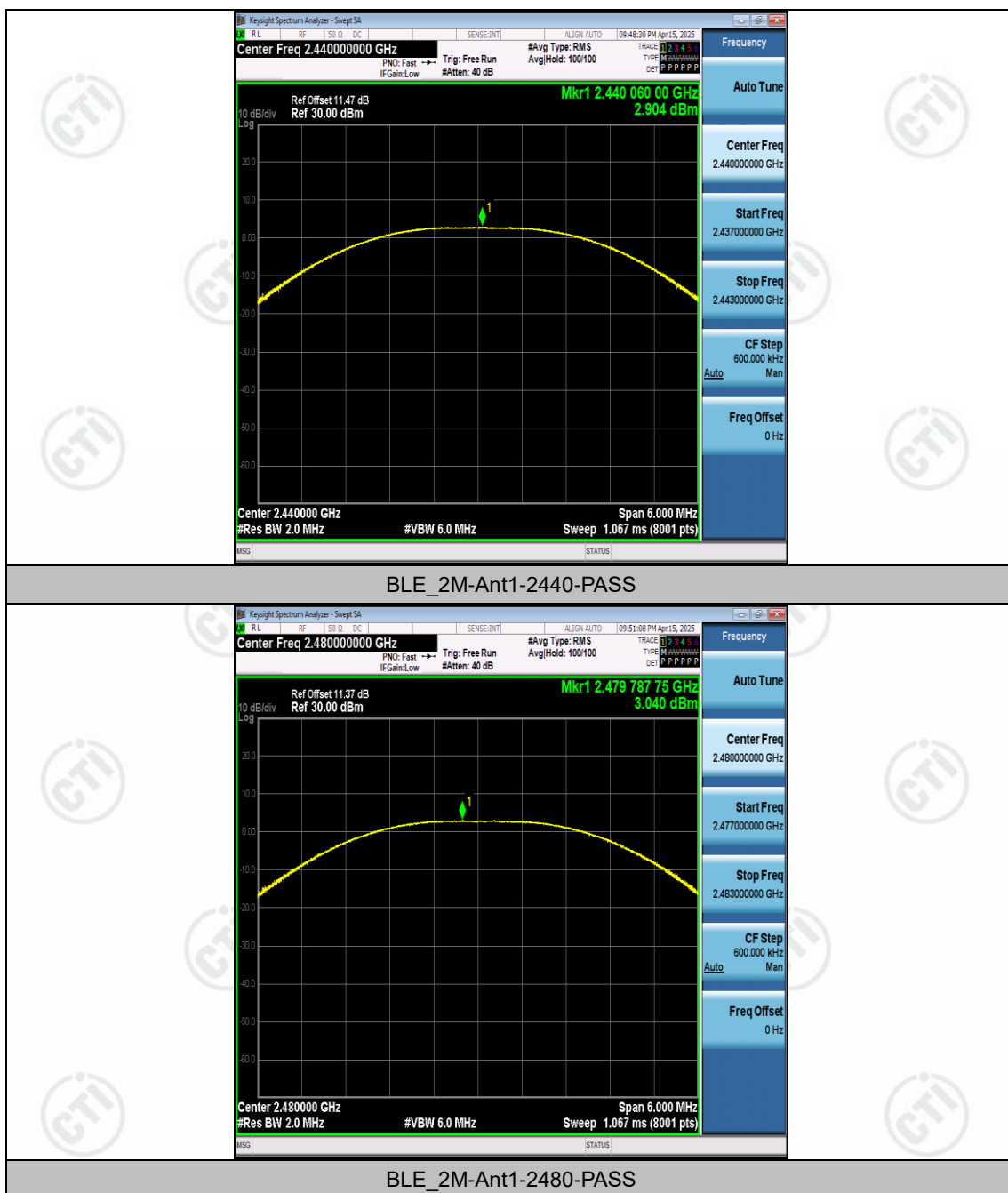
Test Result Peak

TestMode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	EIRP[dBm]	EIRP Limit[dBm]	Verdict
BLE_1M	Ant1	2402	2.47	≤30	6.43	≤36	PASS
BLE_1M	Ant1	2440	3.08	≤30	7.04	≤36	PASS
BLE_1M	Ant1	2480	3.23	≤30	7.19	≤36	PASS
BLE_2M	Ant1	2402	2.23	≤30	6.19	≤36	PASS
BLE_2M	Ant1	2440	2.90	≤30	6.86	≤36	PASS
BLE_2M	Ant1	2480	3.04	≤30	7.00	≤36	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	-13.19	≤8.00	PASS
BLE_1M	Ant1	2440	-12.52	≤8.00	PASS
BLE_1M	Ant1	2480	-12.42	≤8.00	PASS
BLE_2M	Ant1	2402	-15.07	≤8.00	PASS
BLE_2M	Ant1	2440	-14.31	≤8.00	PASS
BLE_2M	Ant1	2480	-14.37	≤8.00	PASS

Test Graphs

