

Appendix: Bluetooth LE

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Appendix A: DTS Bandwidth

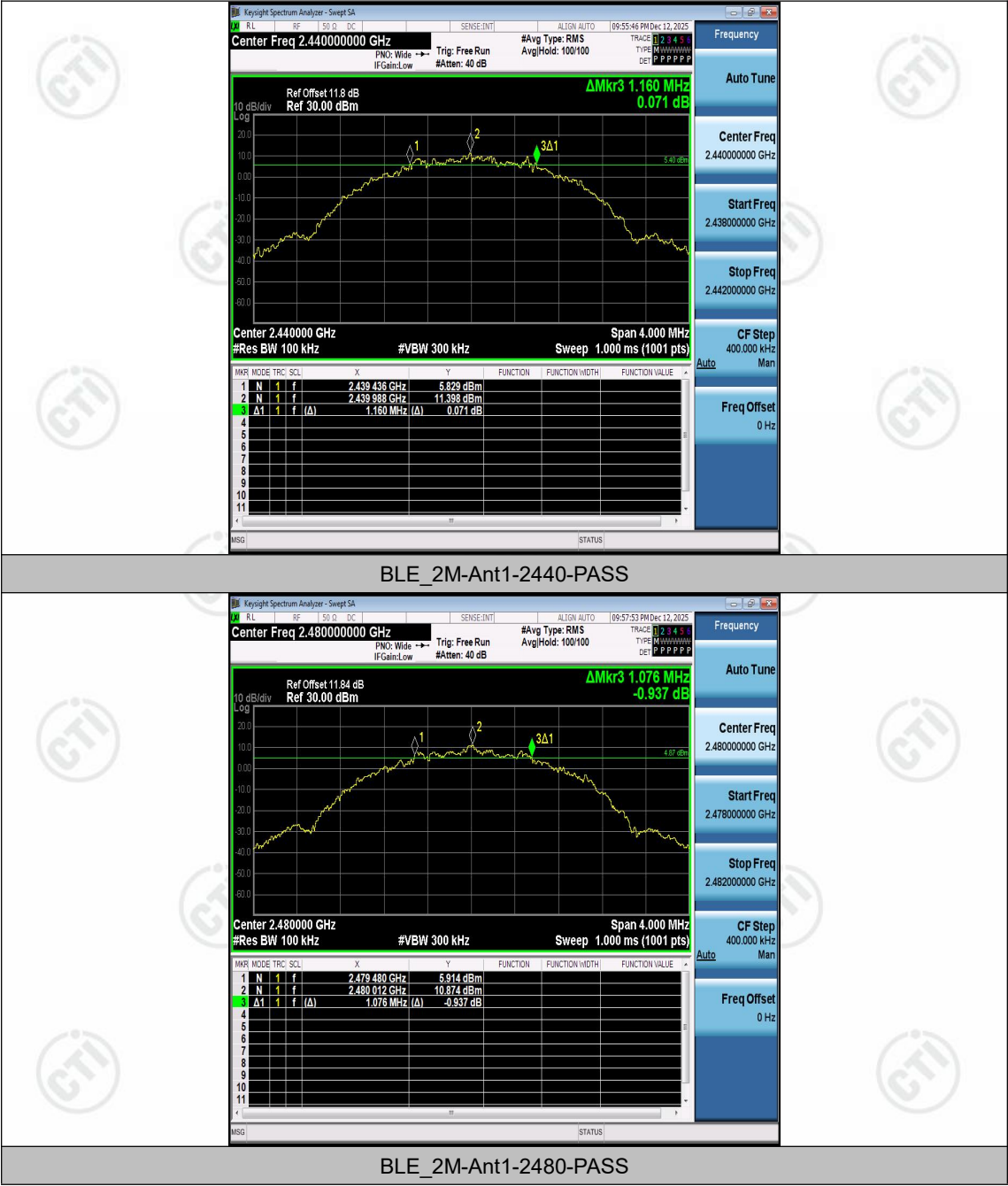
Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.660	2401.676	2402.336	0.5	PASS
BLE_1M	Ant1	2440	0.656	2439.684	2440.340	0.5	PASS
BLE_1M	Ant1	2480	0.640	2479.692	2480.332	0.5	PASS
BLE_2M	Ant1	2402	1.140	2401.452	2402.592	0.5	PASS
BLE_2M	Ant1	2440	1.160	2439.436	2440.596	0.5	PASS
BLE_2M	Ant1	2480	1.076	2479.480	2480.556	0.5	PASS

Test Graphs





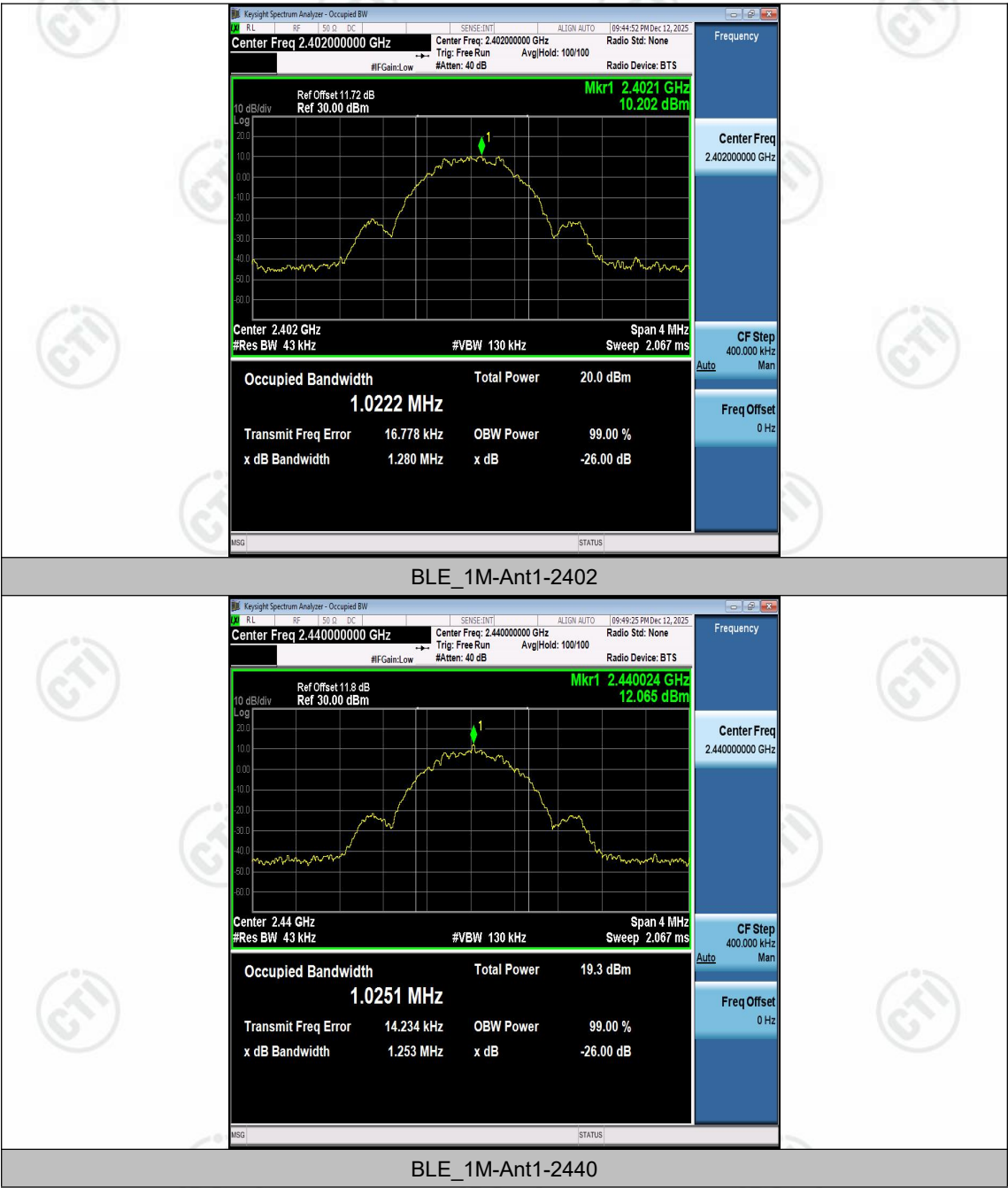


Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0222	2401.5057	2402.5279	---	---
BLE_1M	Ant1	2440	1.0251	2439.5017	2440.5268	---	---
BLE_1M	Ant1	2480	1.0311	2479.5012	2480.5323	---	---
BLE_2M	Ant1	2402	2.0289	2401.0112	2403.0401	---	---
BLE_2M	Ant1	2440	2.0482	2438.9954	2441.0436	---	---
BLE_2M	Ant1	2480	2.0520	2479.0024	2481.0544	---	---

Test Graphs





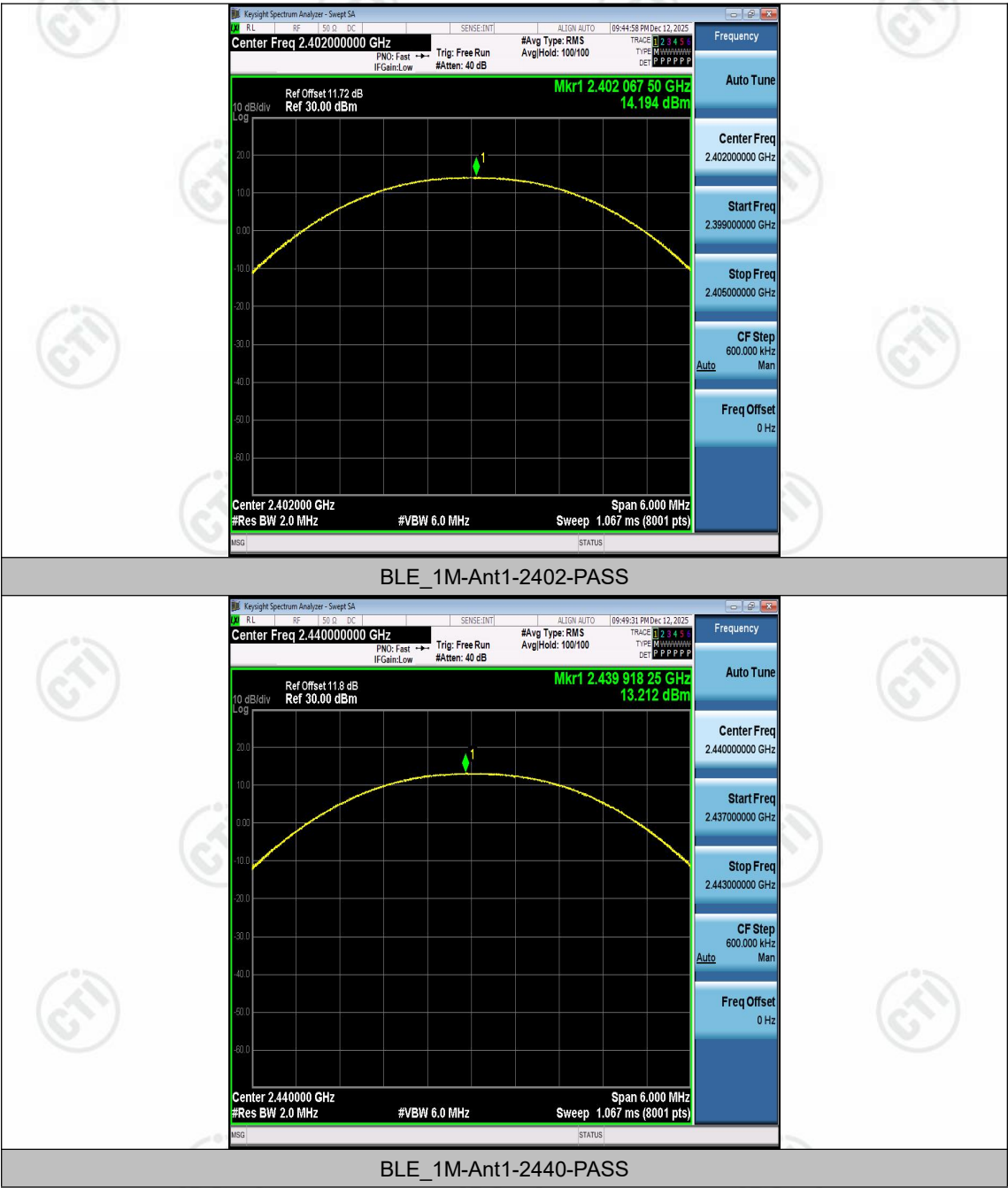


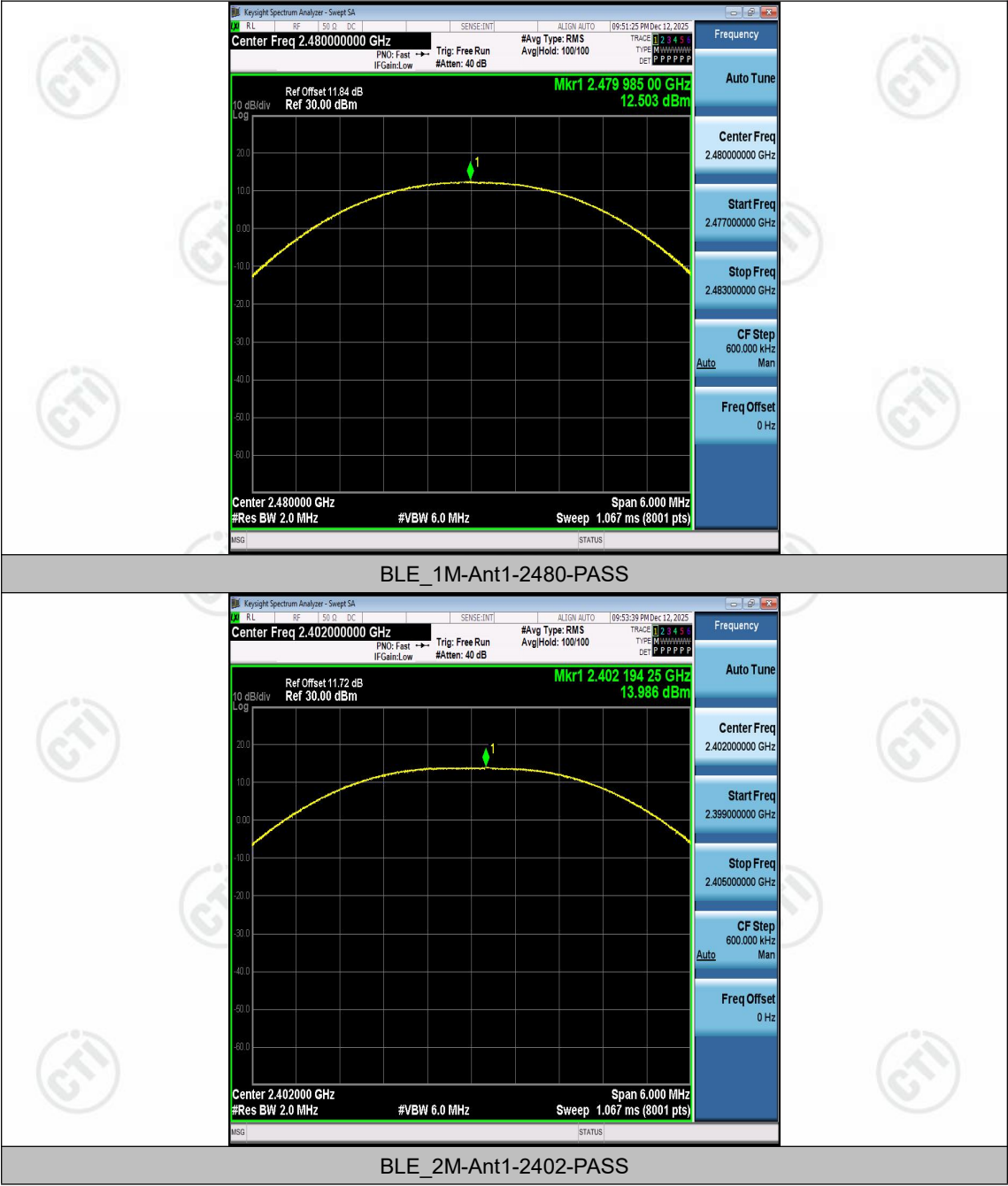
Appendix C: Maximum conducted output power

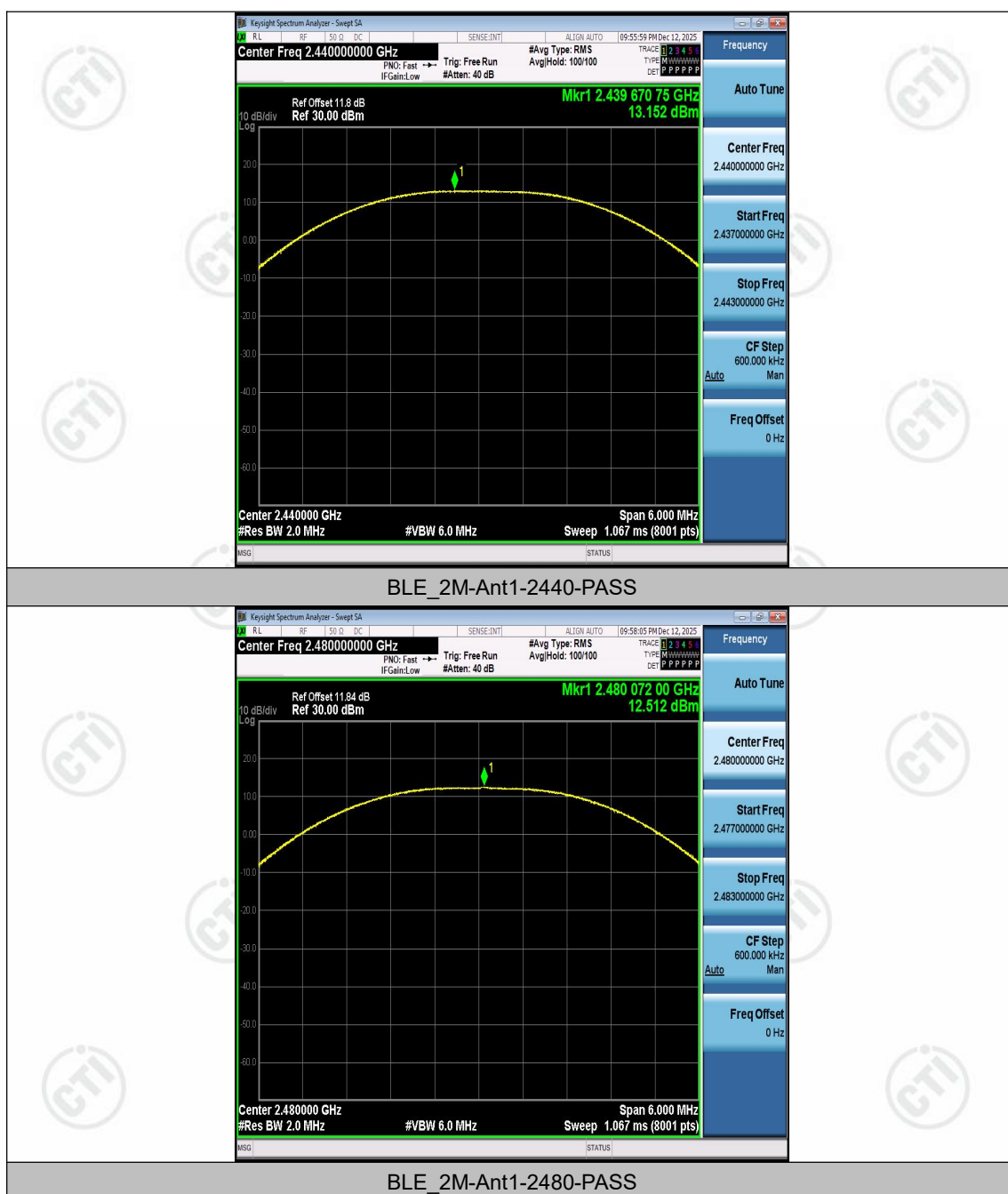
Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	EIRP[dBm]	EIRP Limit[dBm]	Verdict
BLE_1M	Ant1	2402	14.19	≤30	16.68	≤36	PASS
BLE_1M	Ant1	2440	13.21	≤30	15.70	≤36	PASS
BLE_1M	Ant1	2480	12.50	≤30	14.99	≤36	PASS
BLE_2M	Ant1	2402	13.99	≤30	16.48	≤36	PASS
BLE_2M	Ant1	2440	13.15	≤30	15.64	≤36	PASS
BLE_2M	Ant1	2480	12.51	≤30	15.00	≤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	-1.42	≤8.00	PASS
BLE_1M	Ant1	2440	-1.00	≤8.00	PASS
BLE_1M	Ant1	2480	-2.40	≤8.00	PASS
BLE_2M	Ant1	2402	-3.12	≤8.00	PASS
BLE_2M	Ant1	2440	-3.99	≤8.00	PASS
BLE_2M	Ant1	2480	-4.91	≤8.00	PASS