

Appendix: Bluetooth LE

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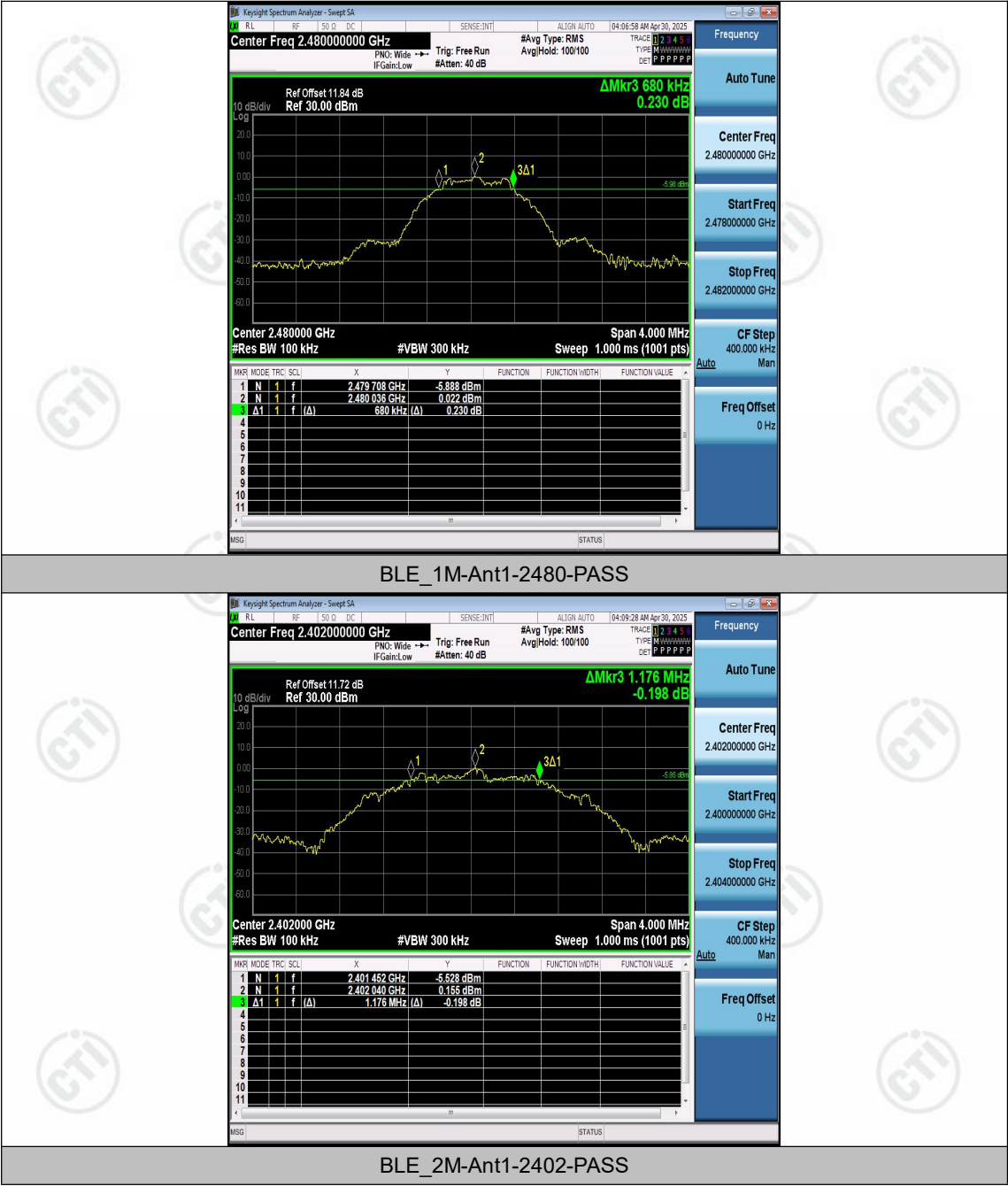
Appendix A: DTS Bandwidth

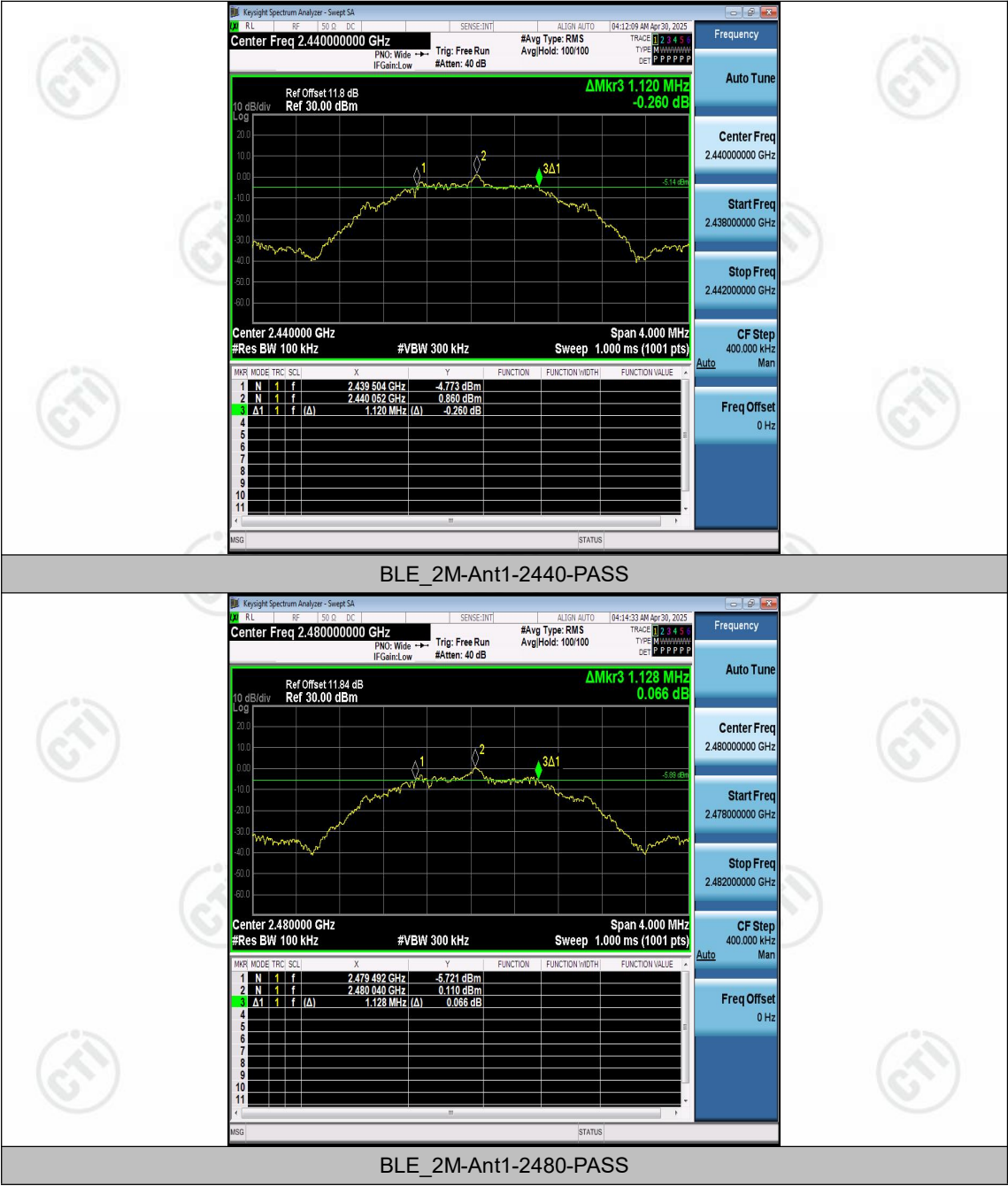
Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.688	2401.696	2402.384	0.5	PASS
BLE_1M	Ant1	2440	0.688	2439.704	2440.392	0.5	PASS
BLE_1M	Ant1	2480	0.680	2479.708	2480.388	0.5	PASS
BLE_2M	Ant1	2402	1.176	2401.452	2402.628	0.5	PASS
BLE_2M	Ant1	2440	1.120	2439.504	2440.624	0.5	PASS
BLE_2M	Ant1	2480	1.128	2479.492	2480.620	0.5	PASS

Test Graphs







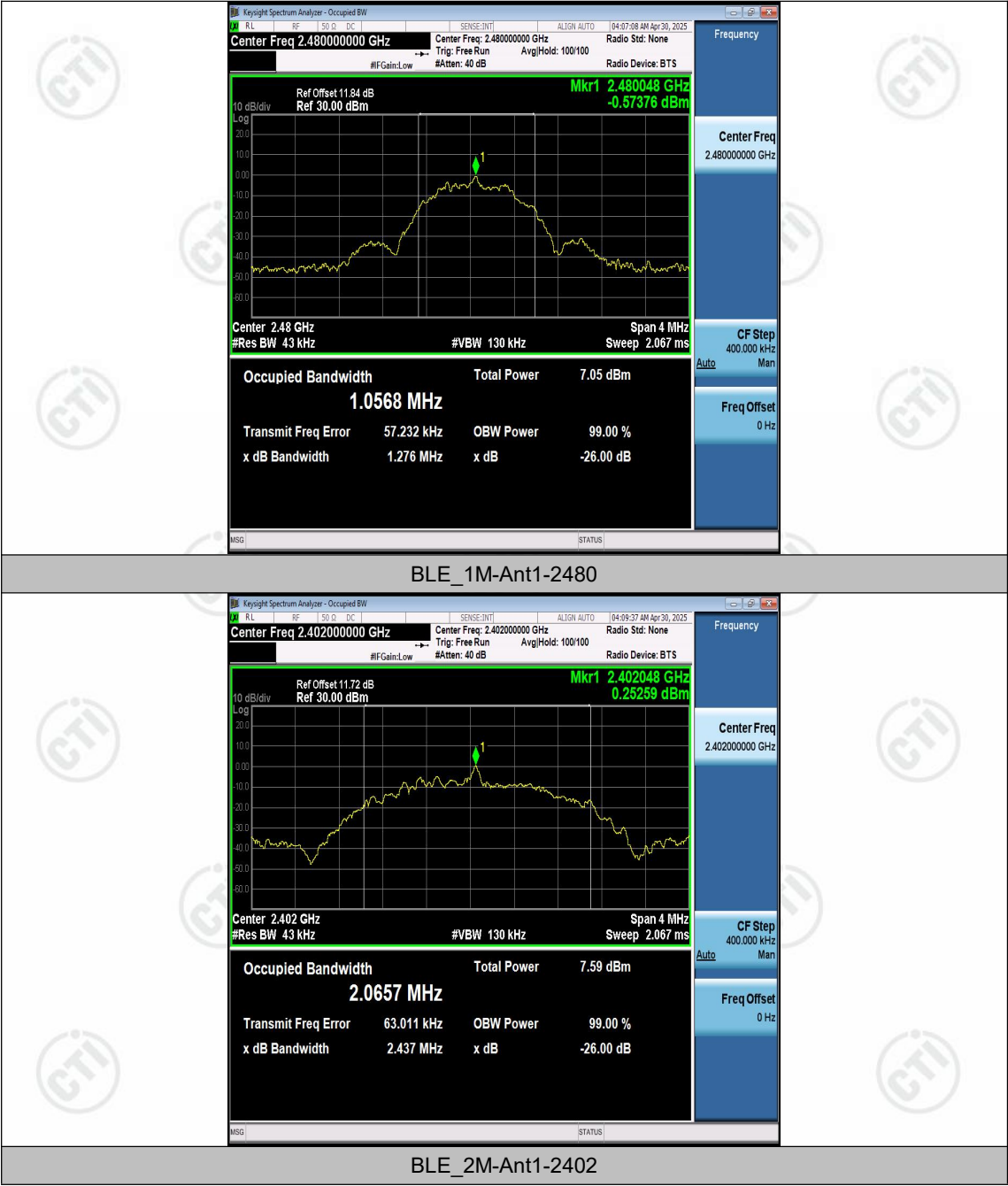
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0441	2401.5313	2402.5754	---	---
BLE_1M	Ant1	2440	1.0527	2439.5296	2440.5823	---	---
BLE_1M	Ant1	2480	1.0568	2479.5288	2480.5856	---	---
BLE_2M	Ant1	2402	2.0657	2401.0302	2403.0959	---	---
BLE_2M	Ant1	2440	2.0590	2439.0369	2441.0959	---	---
BLE_2M	Ant1	2480	2.0691	2479.0311	2481.1002	---	---

Test Graphs





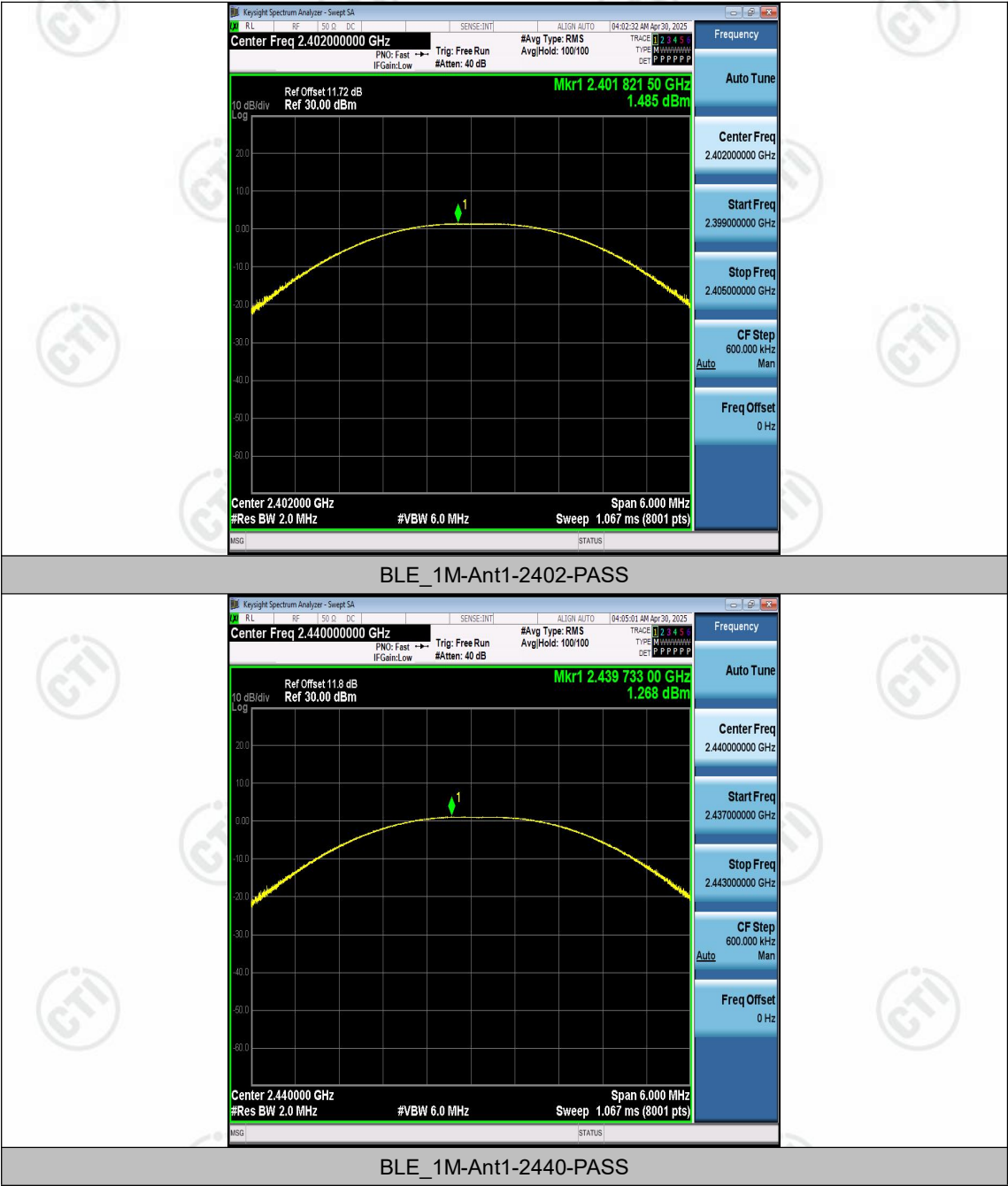


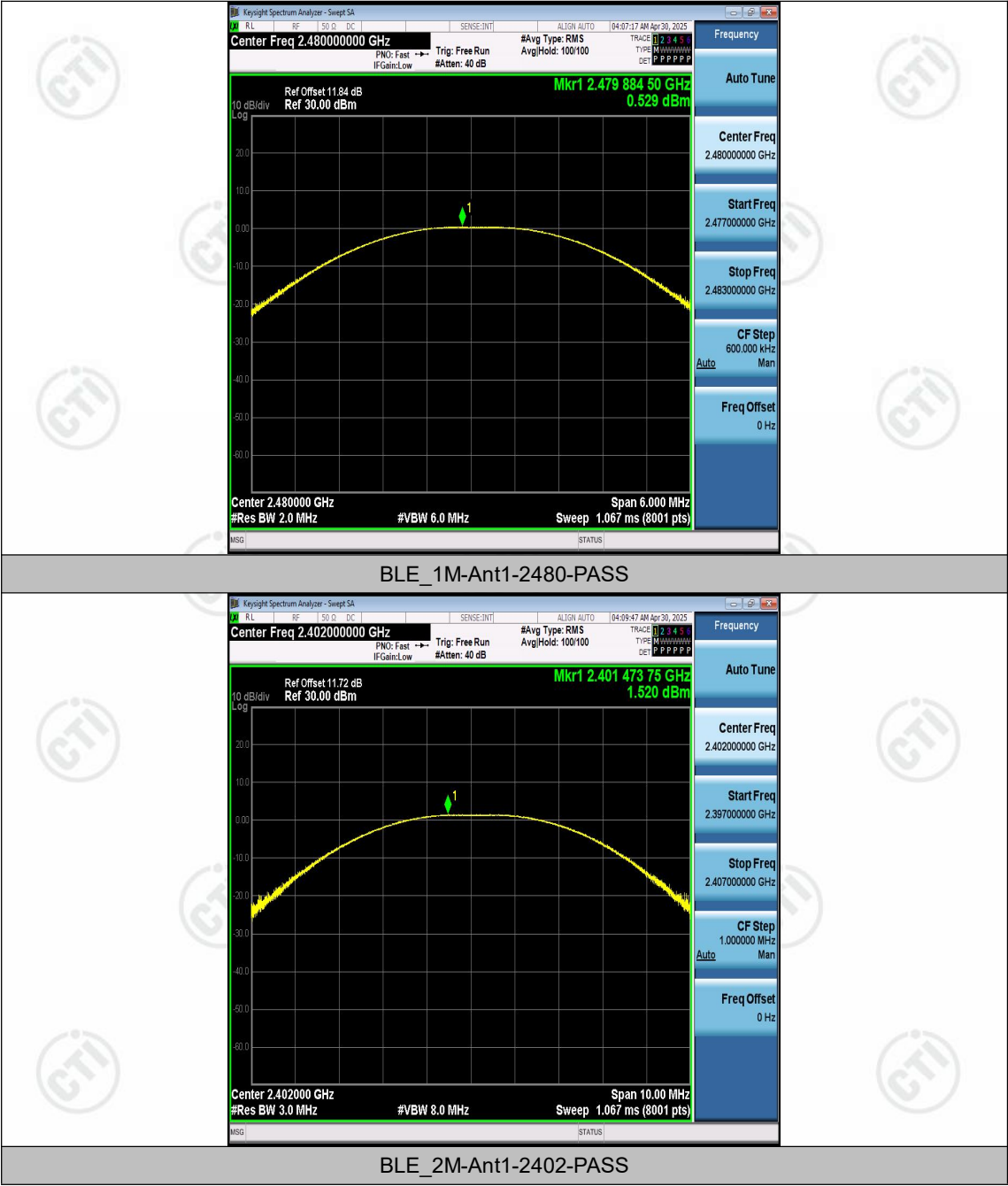
Appendix C: Maximum conducted output power

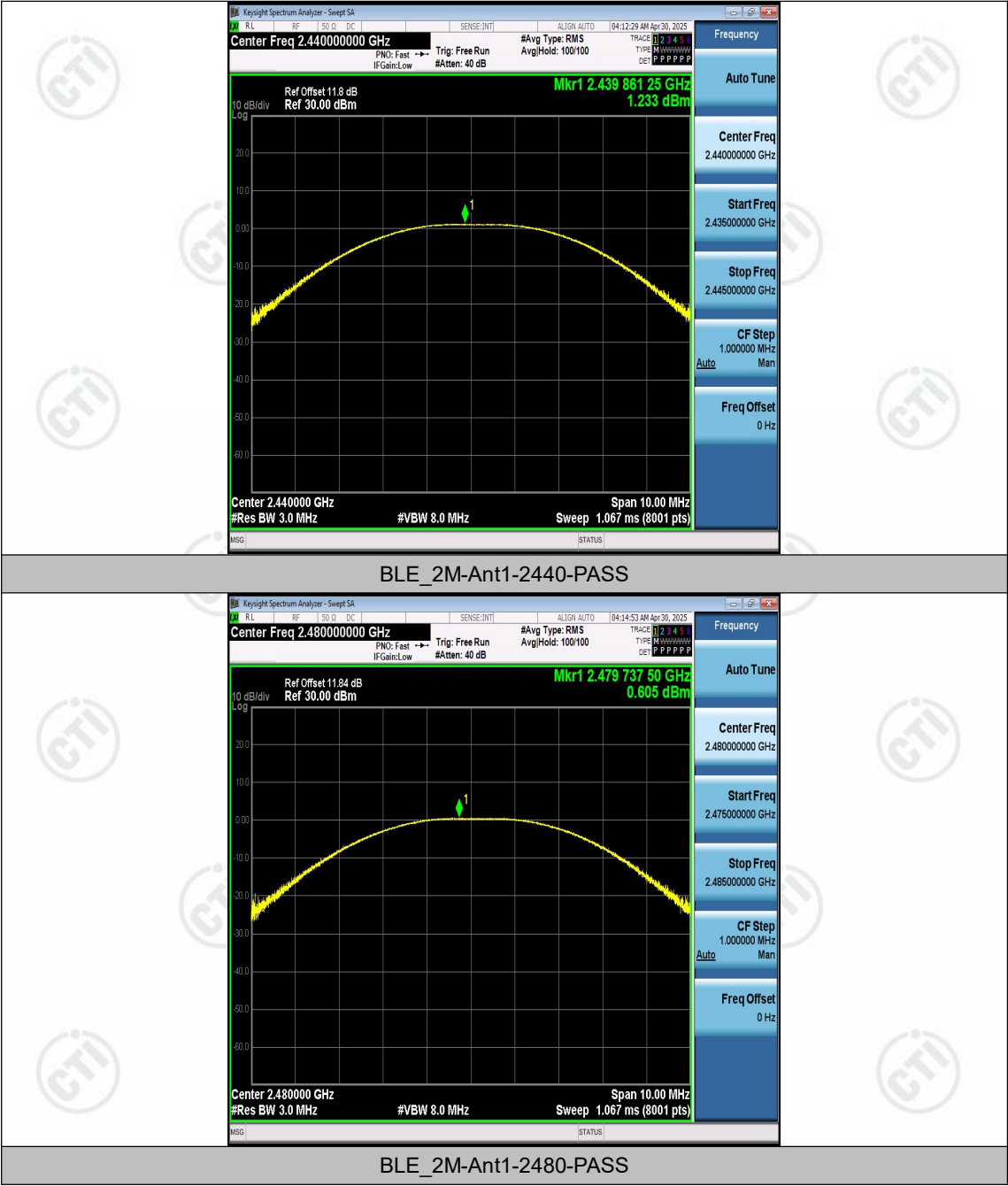
Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	1.49	≤30	PASS
BLE_1M	Ant1	2440	1.27	≤30	PASS
BLE_1M	Ant1	2480	0.53	≤30	PASS
BLE_2M	Ant1	2402	1.52	≤30	PASS
BLE_2M	Ant1	2440	1.23	≤30	PASS
BLE_2M	Ant1	2480	0.61	≤30	PASS

Test Graphs Peak





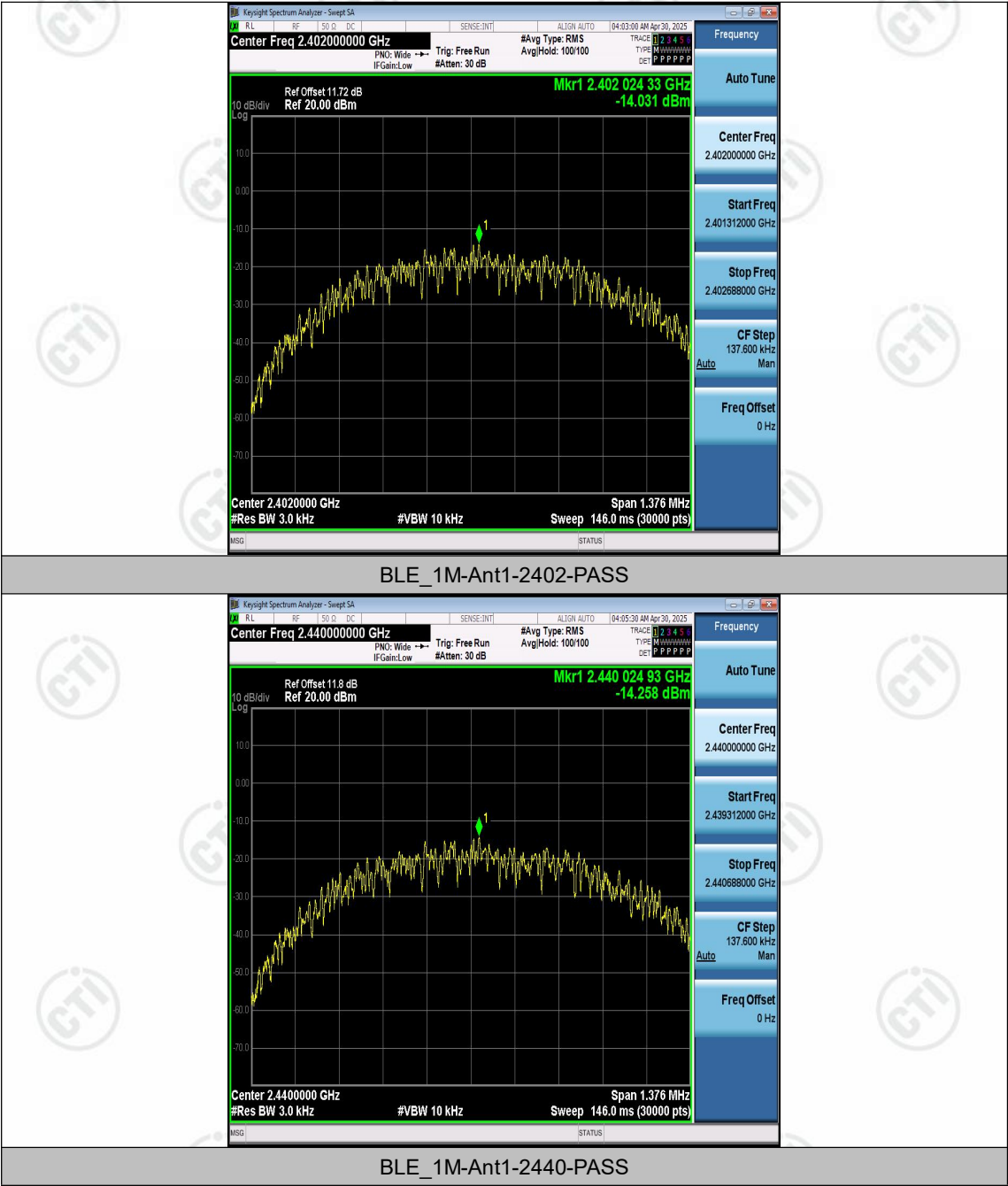


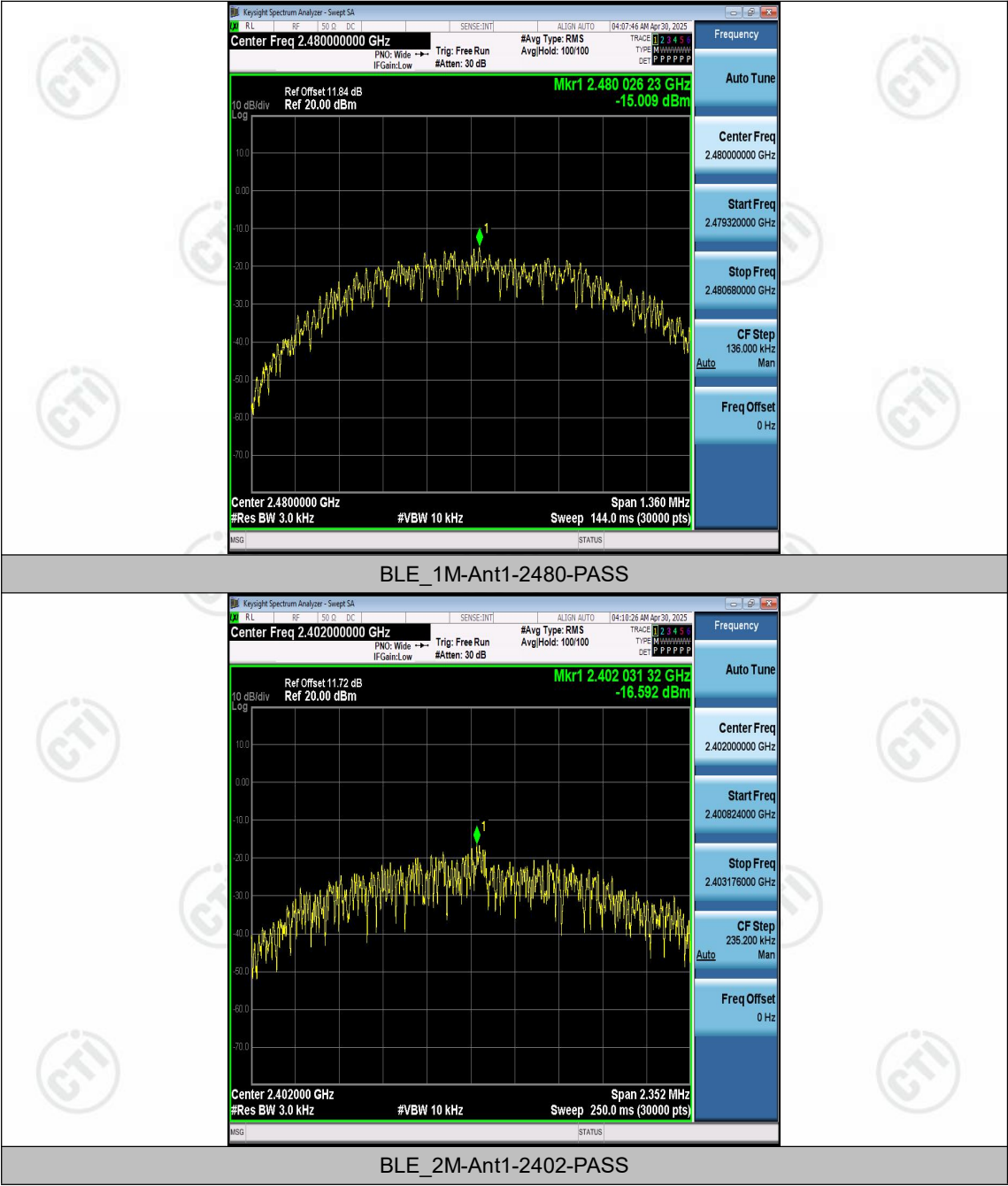
Appendix D: Maximum power spectral density

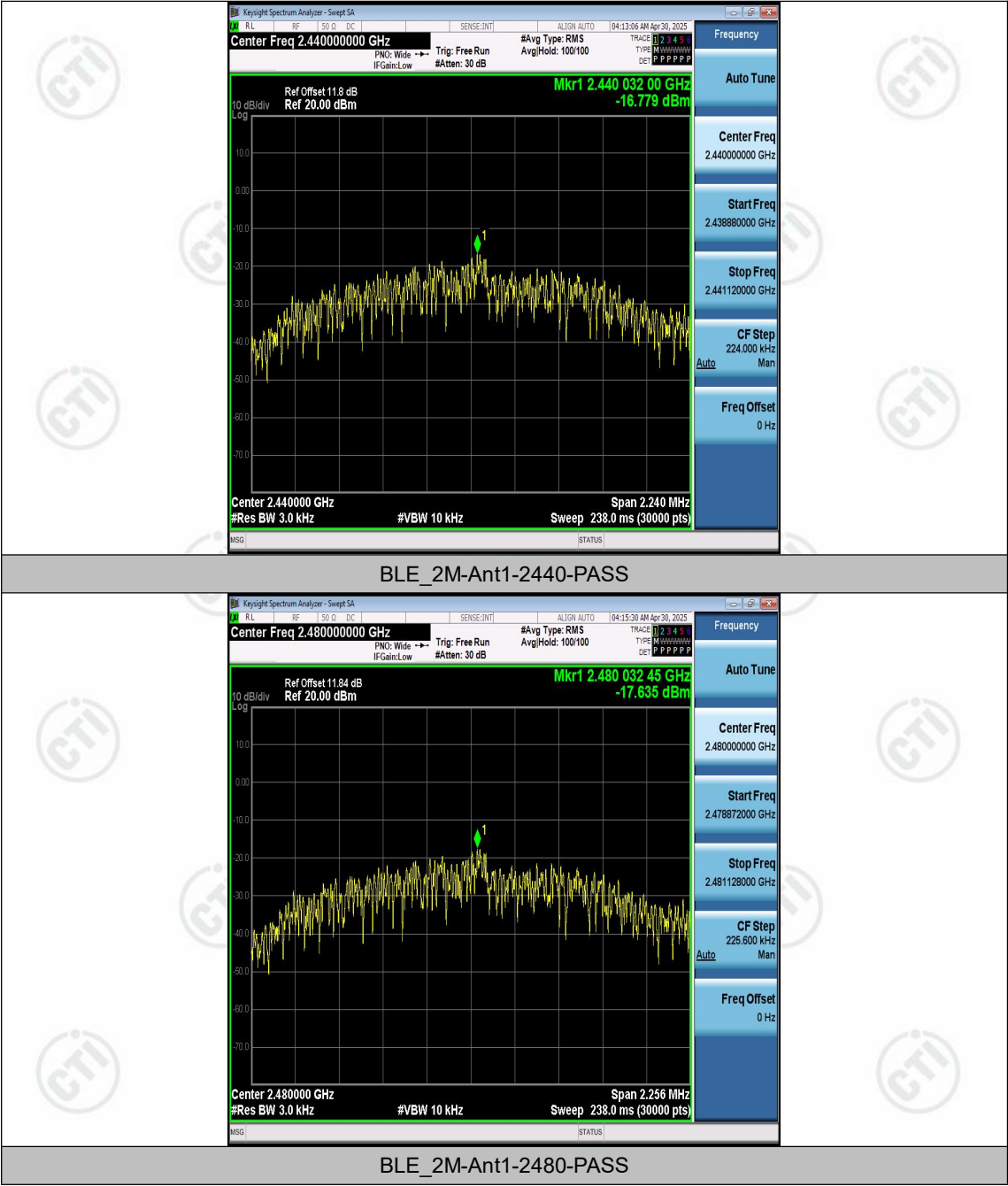
Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-14.03	≤8.00	PASS
BLE_1M	Ant1	2440	-14.26	≤8.00	PASS
BLE_1M	Ant1	2480	-15.01	≤8.00	PASS
BLE_2M	Ant1	2402	-16.59	≤8.00	PASS
BLE_2M	Ant1	2440	-16.78	≤8.00	PASS
BLE_2M	Ant1	2480	-17.64	≤8.00	PASS

Test Graphs







Appendix E: Band edge measurements**Test Result**

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	0.50	-45.42	≤-19.5	PASS
BLE_1M	Ant1	High	2480	-0.45	-46.46	≤-20.45	PASS
BLE_2M	Ant1	Low	2402	1.26	-31.52	≤-18.74	PASS
BLE_2M	Ant1	High	2480	-0.10	-45.45	≤-20.1	PASS

Test Graphs

