



Appendix A: DTS Bandwidth

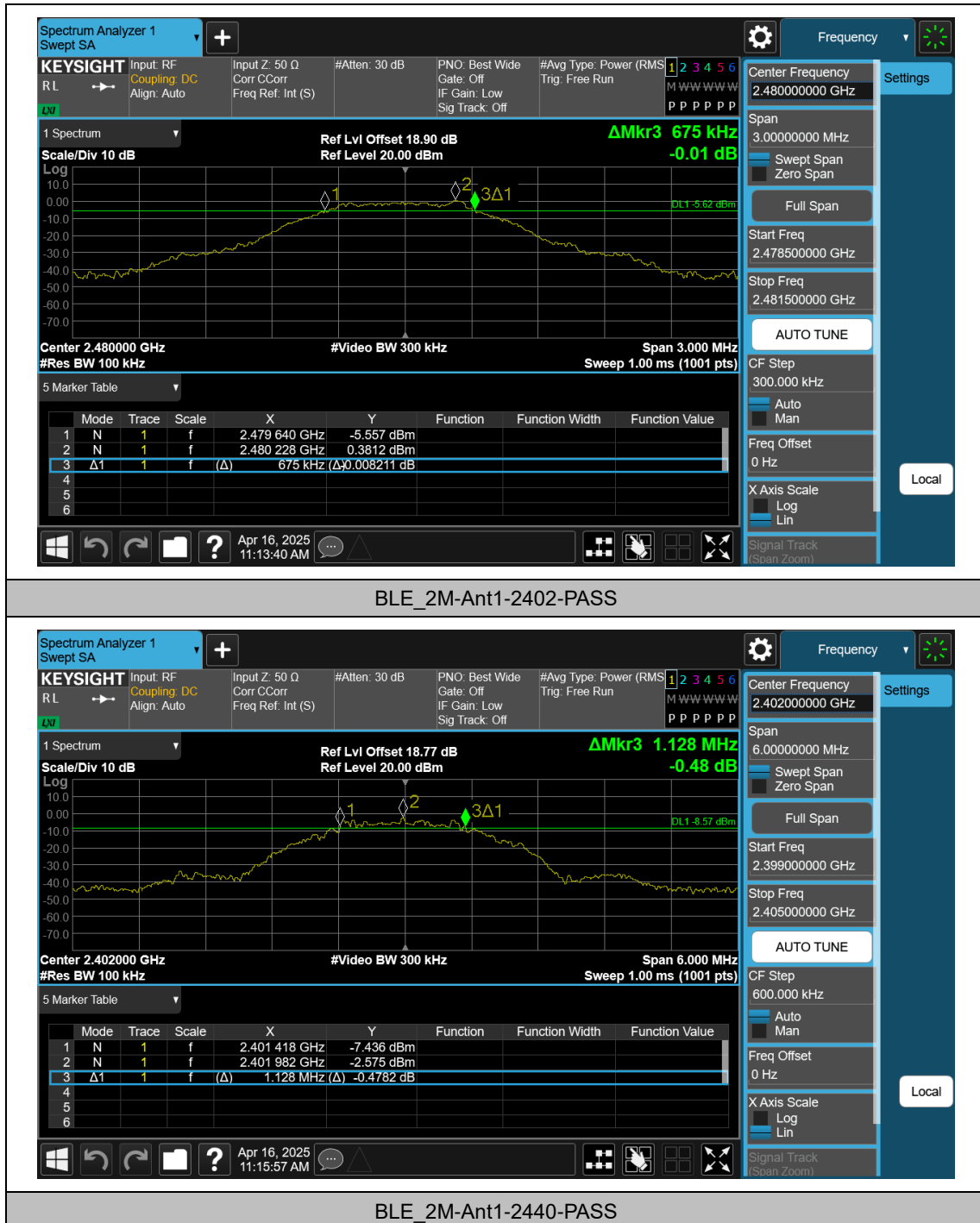
Test Result

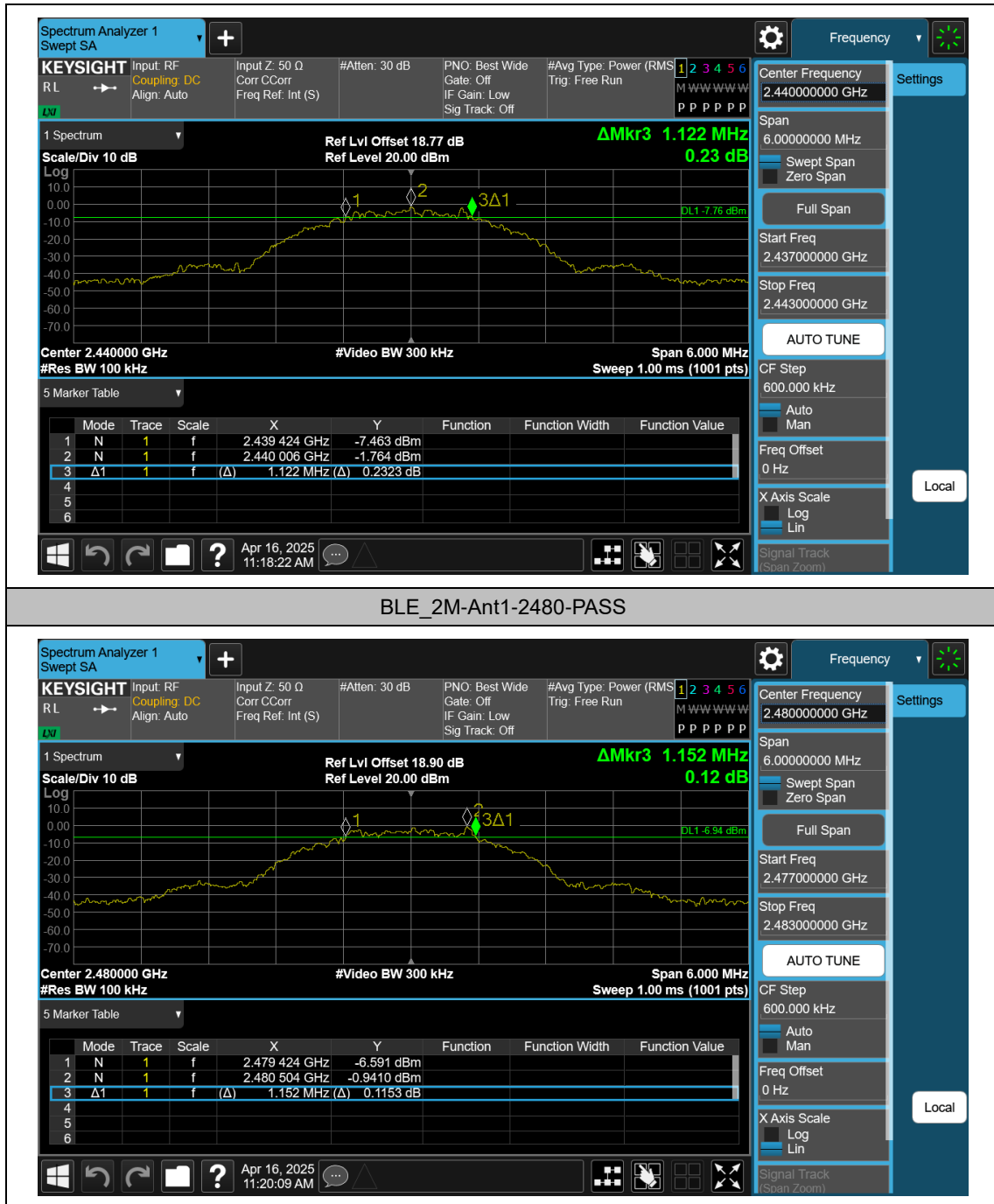
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.663	2401.652	2402.315	0.5	PASS
BLE_1M	Ant1	2440	0.684	2439.637	2440.321	0.5	PASS
BLE_1M	Ant1	2480	0.675	2479.640	2480.315	0.5	PASS
BLE_2M	Ant1	2402	1.128	2401.418	2402.546	0.5	PASS
BLE_2M	Ant1	2440	1.122	2439.424	2440.546	0.5	PASS
BLE_2M	Ant1	2480	1.152	2479.424	2480.576	0.5	PASS



Test Graphs







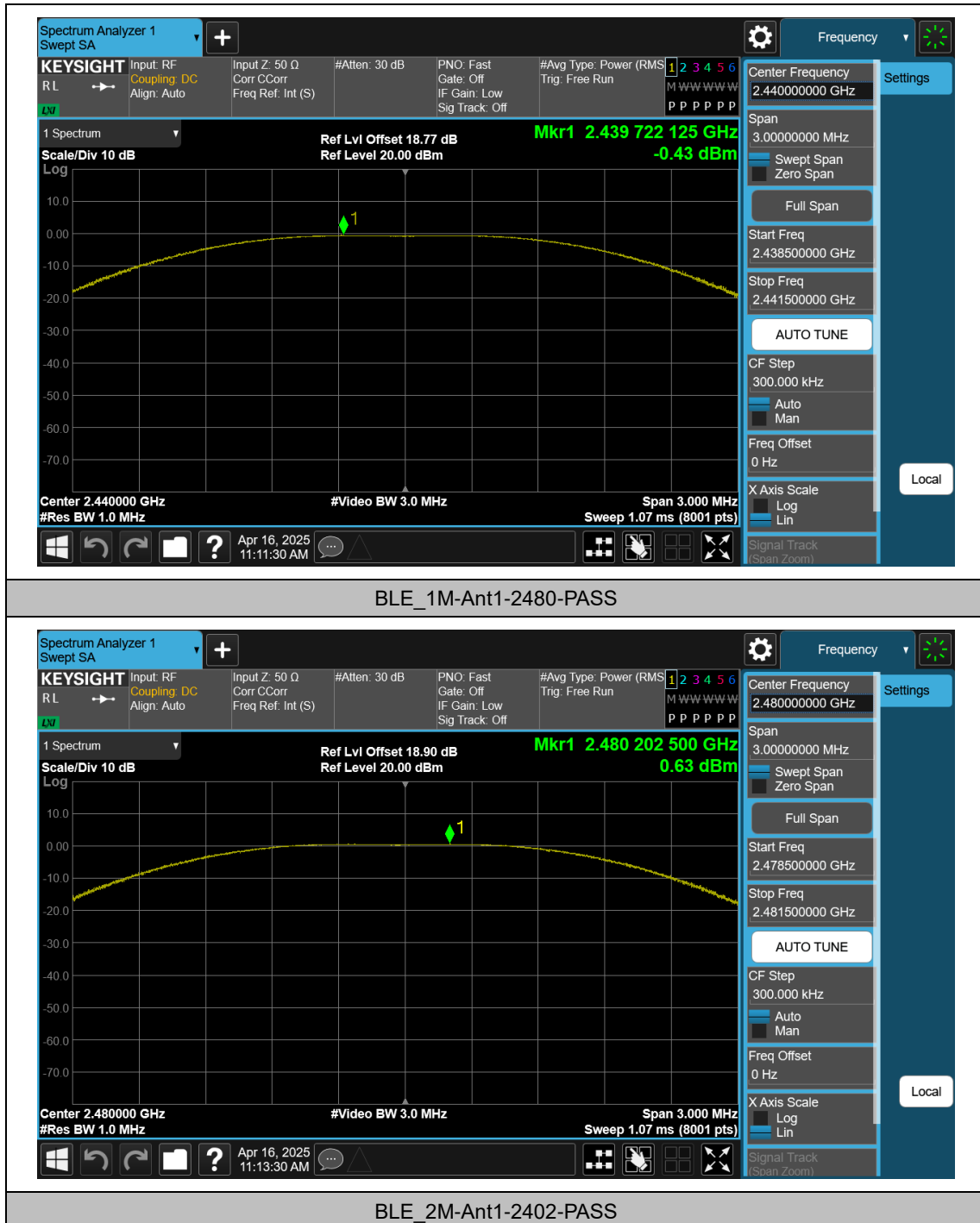
Appendix B: Maximum conducted output power

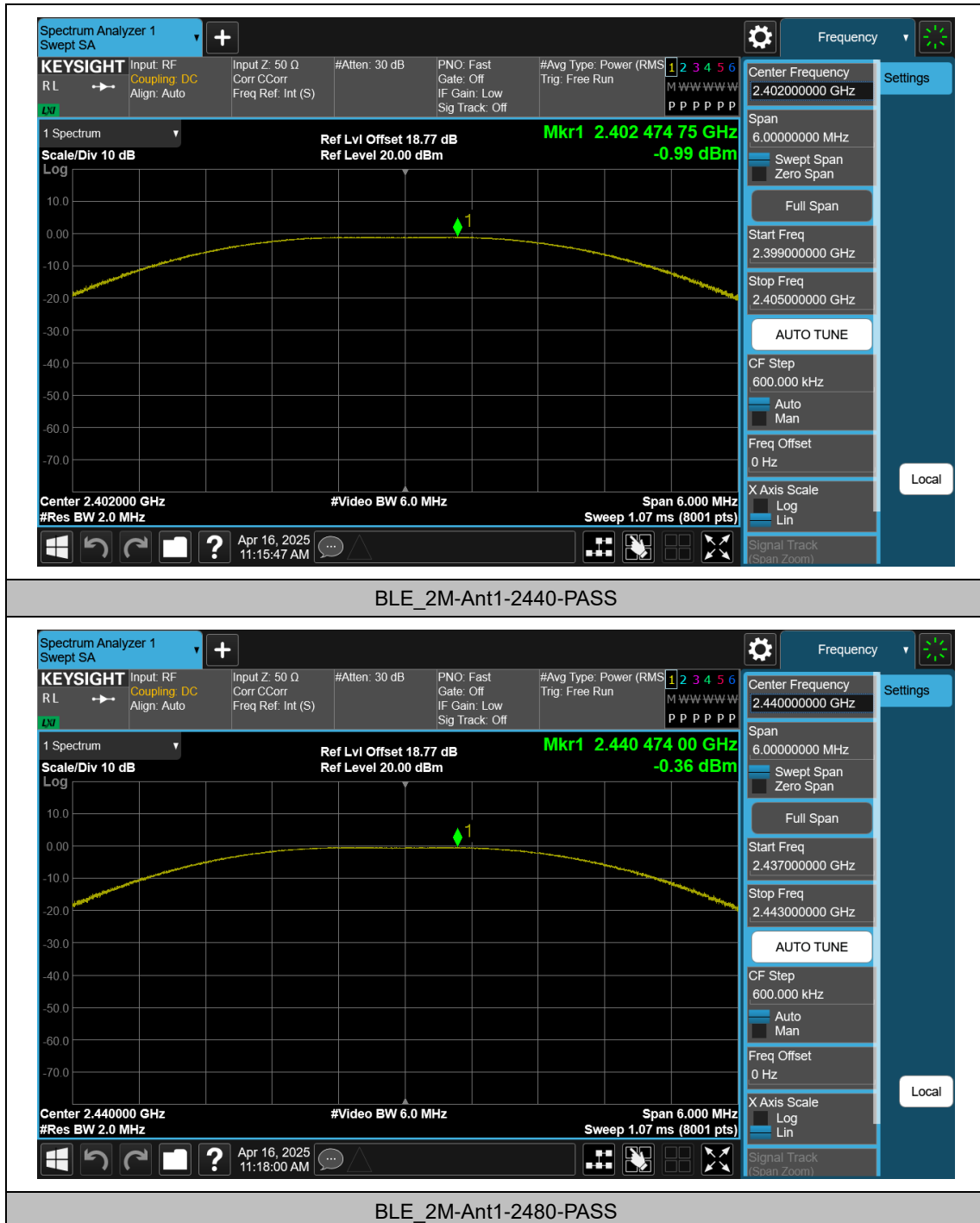
Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-1.06	≤30	PASS
BLE_1M	Ant1	2440	-0.43	≤30	PASS
BLE_1M	Ant1	2480	0.63	≤30	PASS
BLE_2M	Ant1	2402	-0.99	≤30	PASS
BLE_2M	Ant1	2440	-0.36	≤30	PASS
BLE_2M	Ant1	2480	0.78	≤30	PASS

Test Graphs Peak





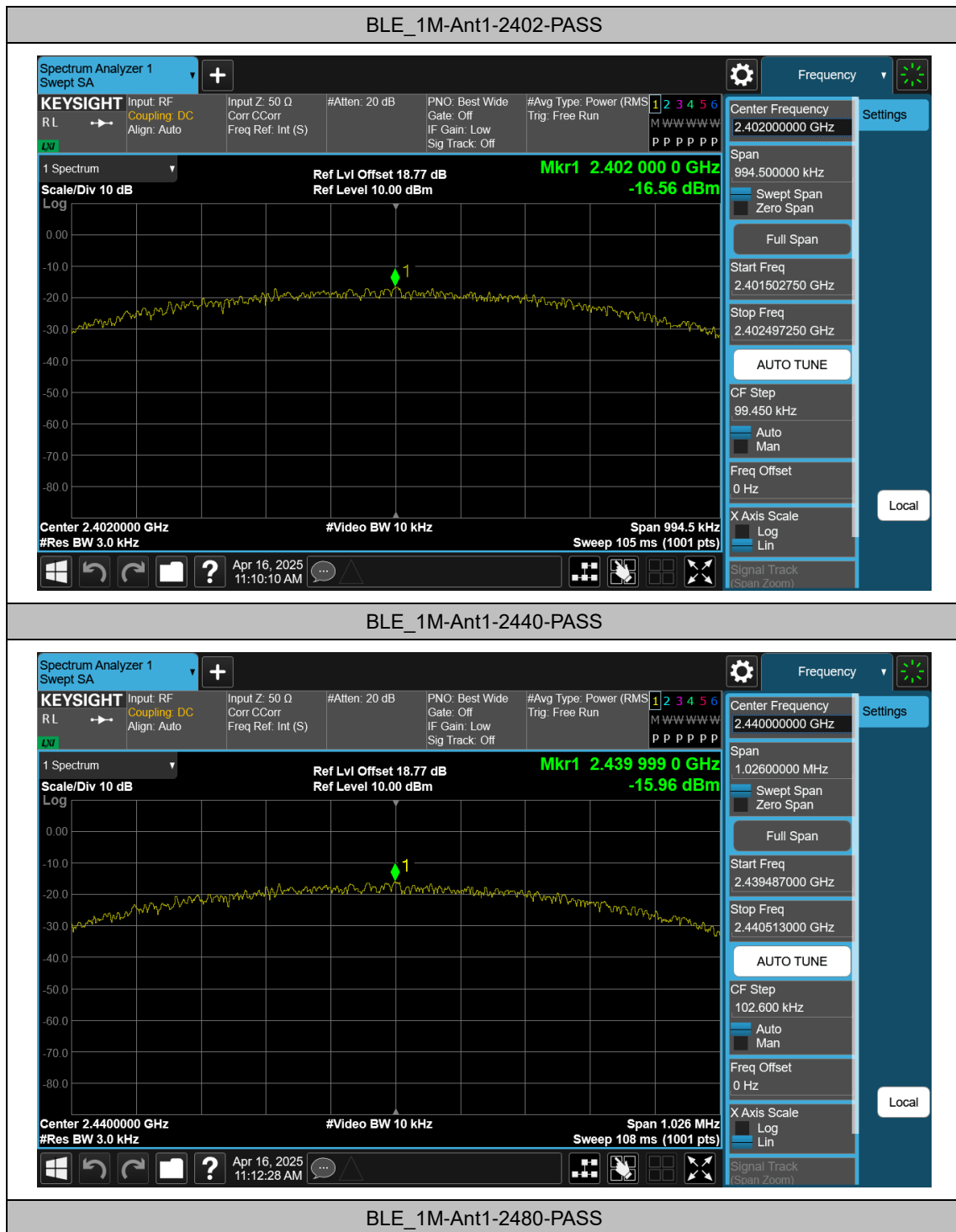


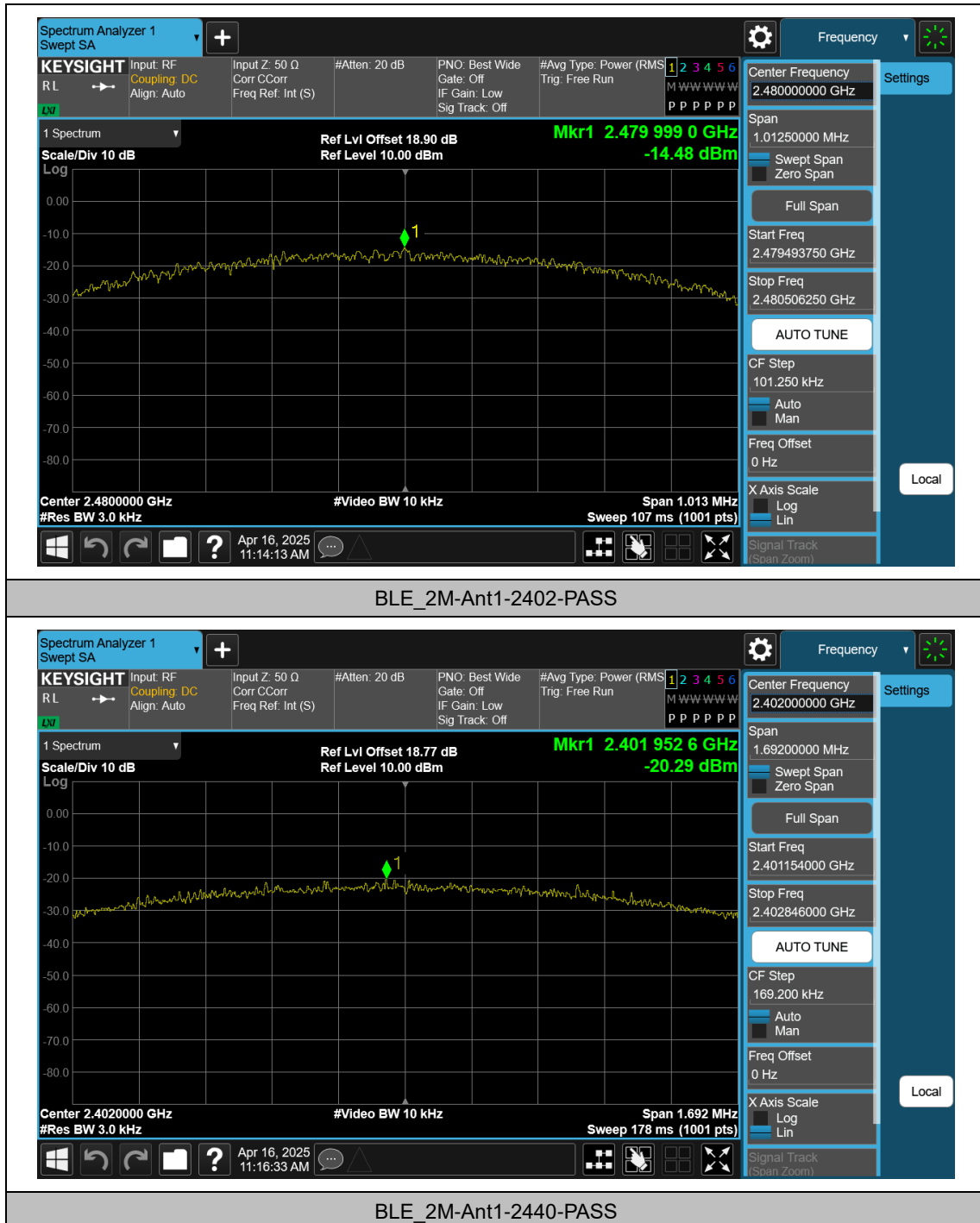


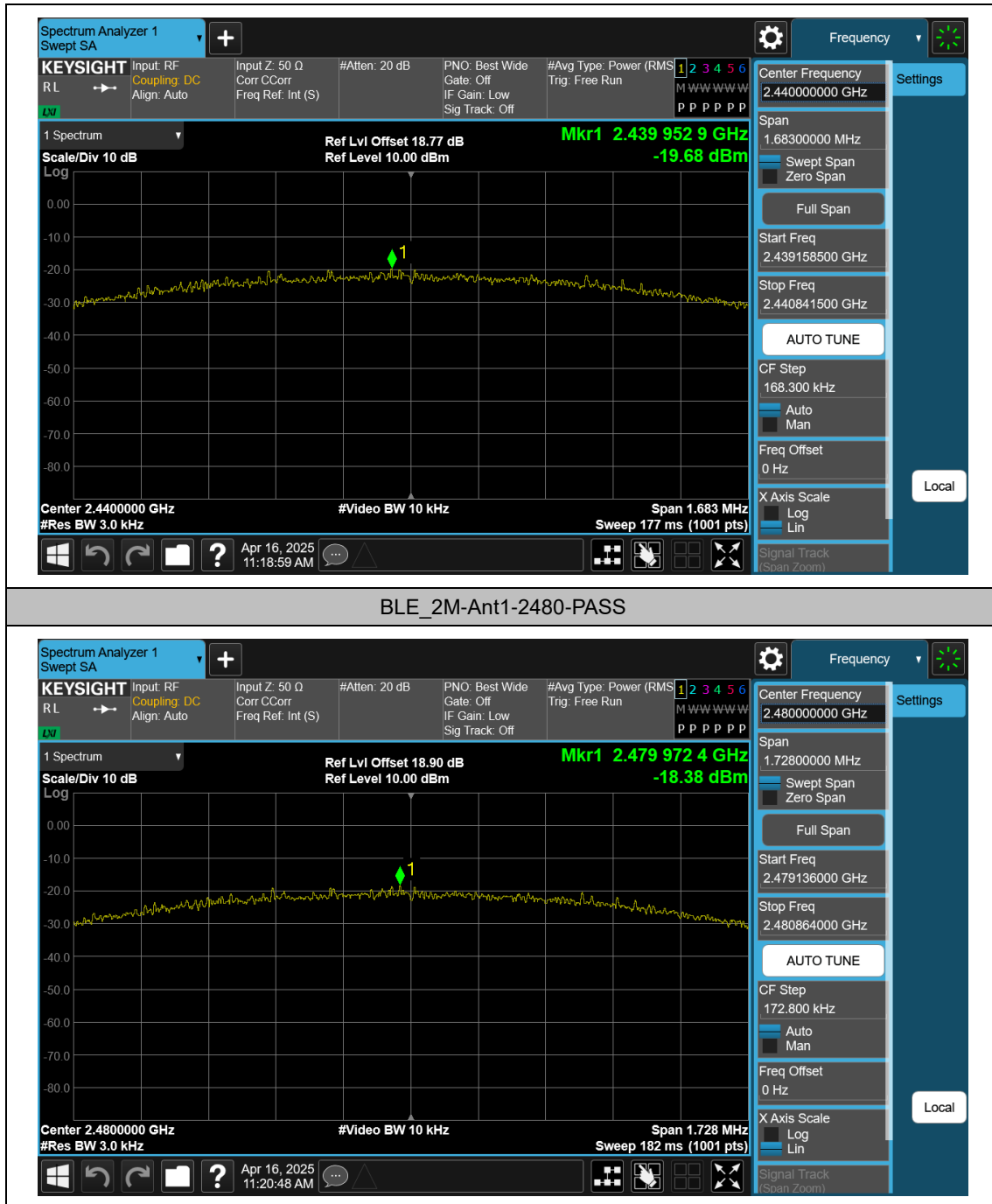
Appendix C: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-16.56	≤8.00	PASS
BLE_1M	Ant1	2440	-15.96	≤8.00	PASS
BLE_1M	Ant1	2480	-14.48	≤8.00	PASS
BLE_2M	Ant1	2402	-20.29	≤8.00	PASS
BLE_2M	Ant1	2440	-19.68	≤8.00	PASS
BLE_2M	Ant1	2480	-18.38	≤8.00	PASS







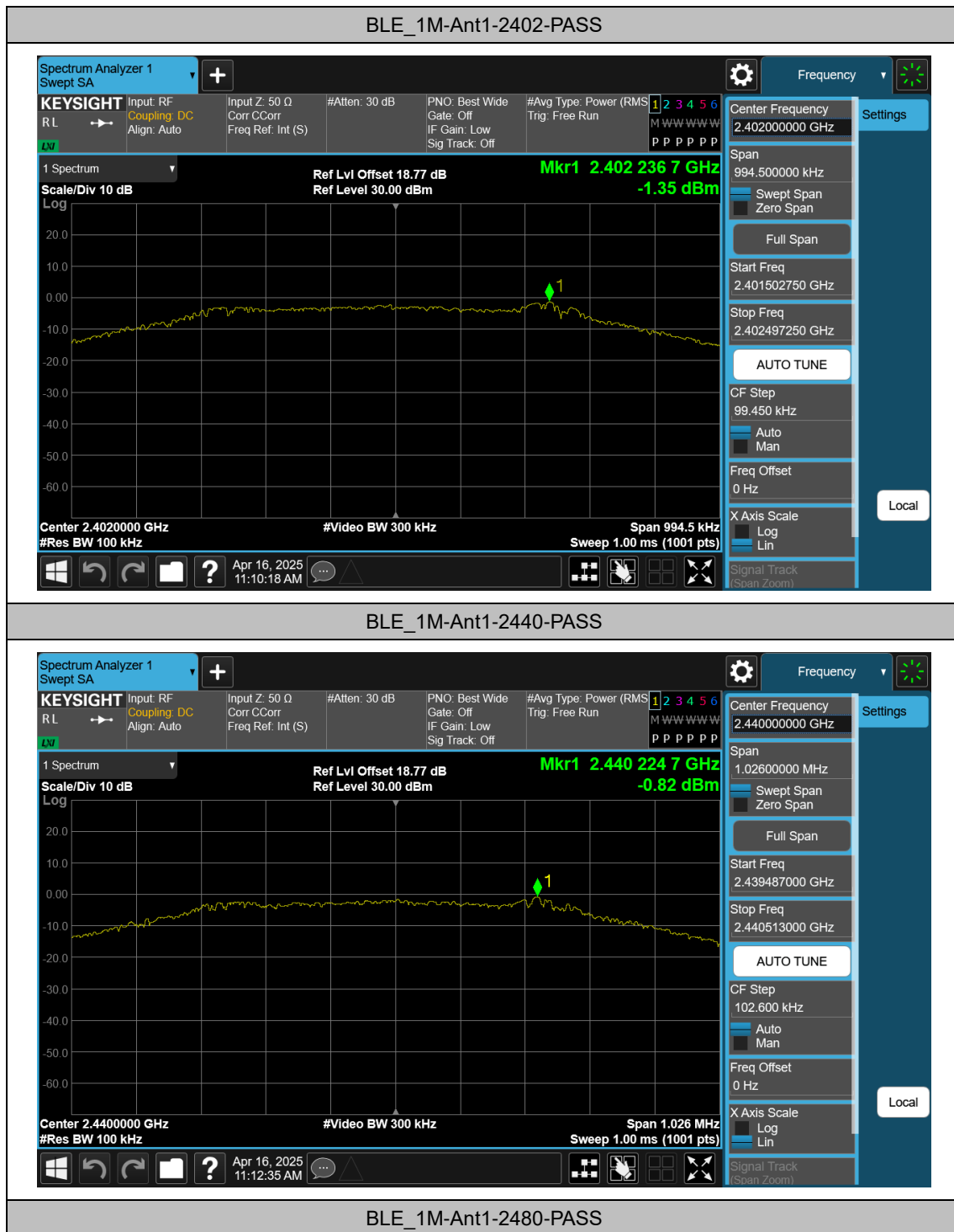
Appendix D: Reference level measurement

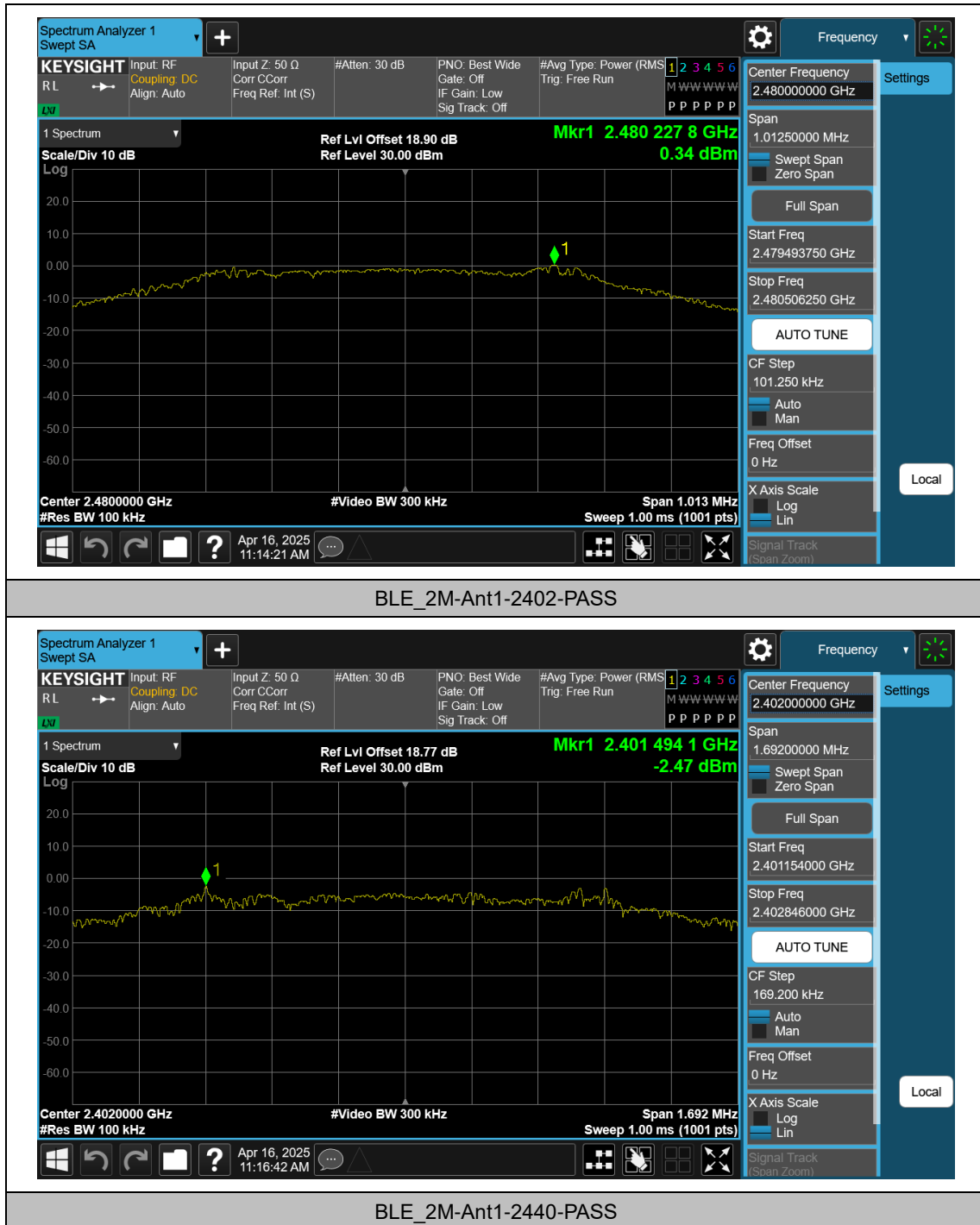
Test Result

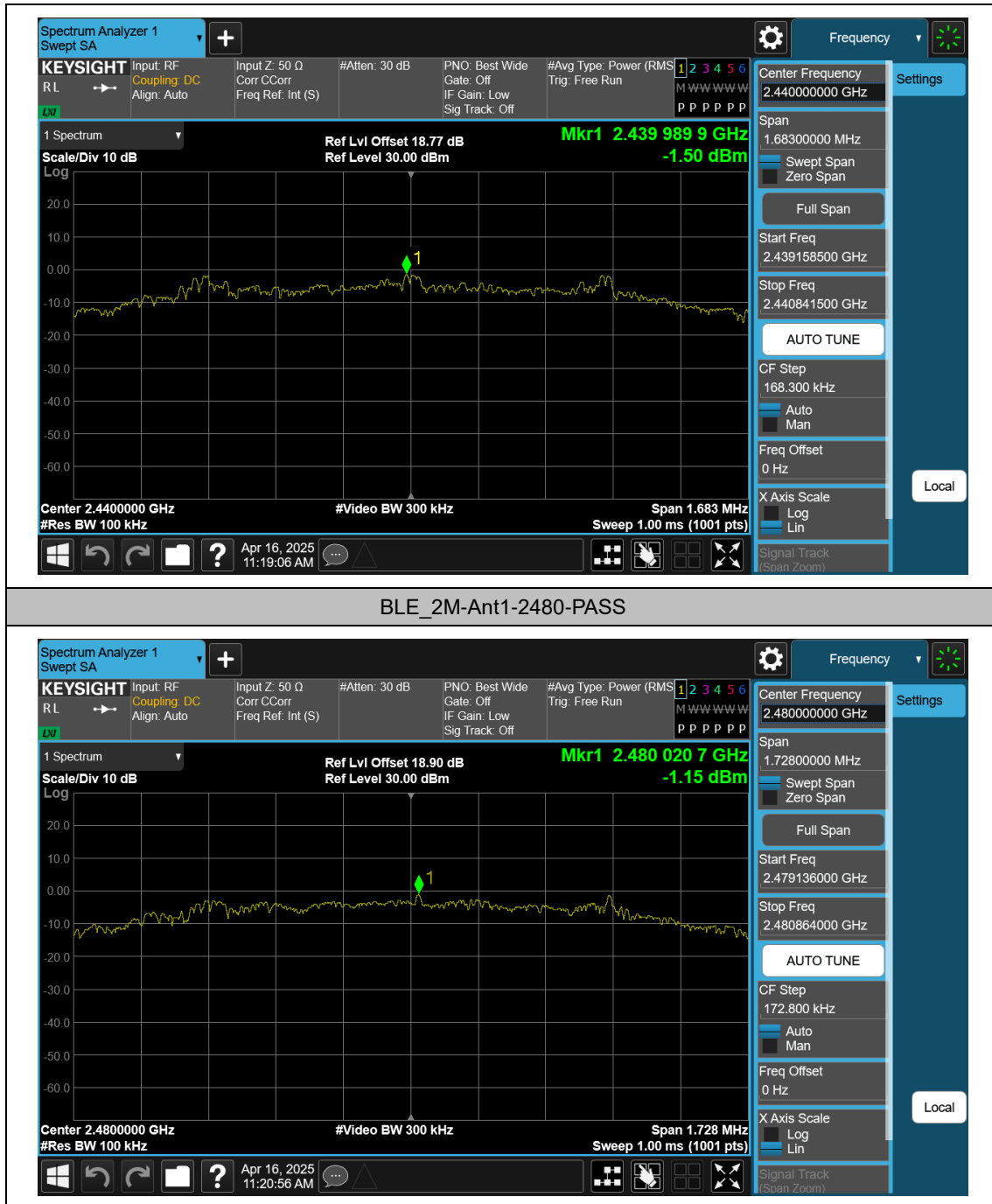
TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
BLE_1M	Ant1	2402	2402.24	-1.36
BLE_1M	Ant1	2440	2440.22	-0.82
BLE_1M	Ant1	2480	2480.23	0.34
BLE_2M	Ant1	2402	2401.49	-2.47
BLE_2M	Ant1	2440	2439.99	-1.50
BLE_2M	Ant1	2480	2480.02	-1.15



Test Graphs







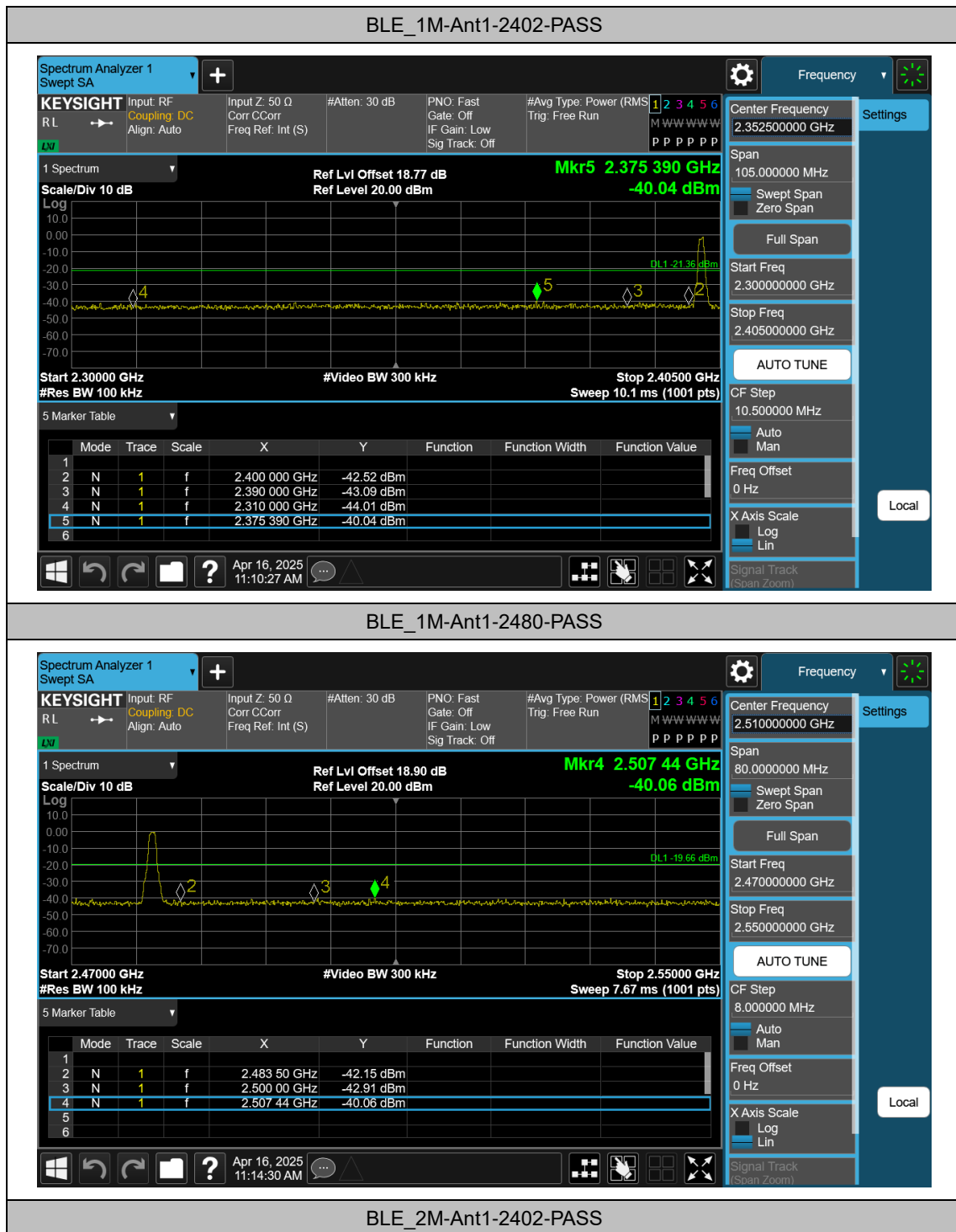
Appendix E: Band edge measurements

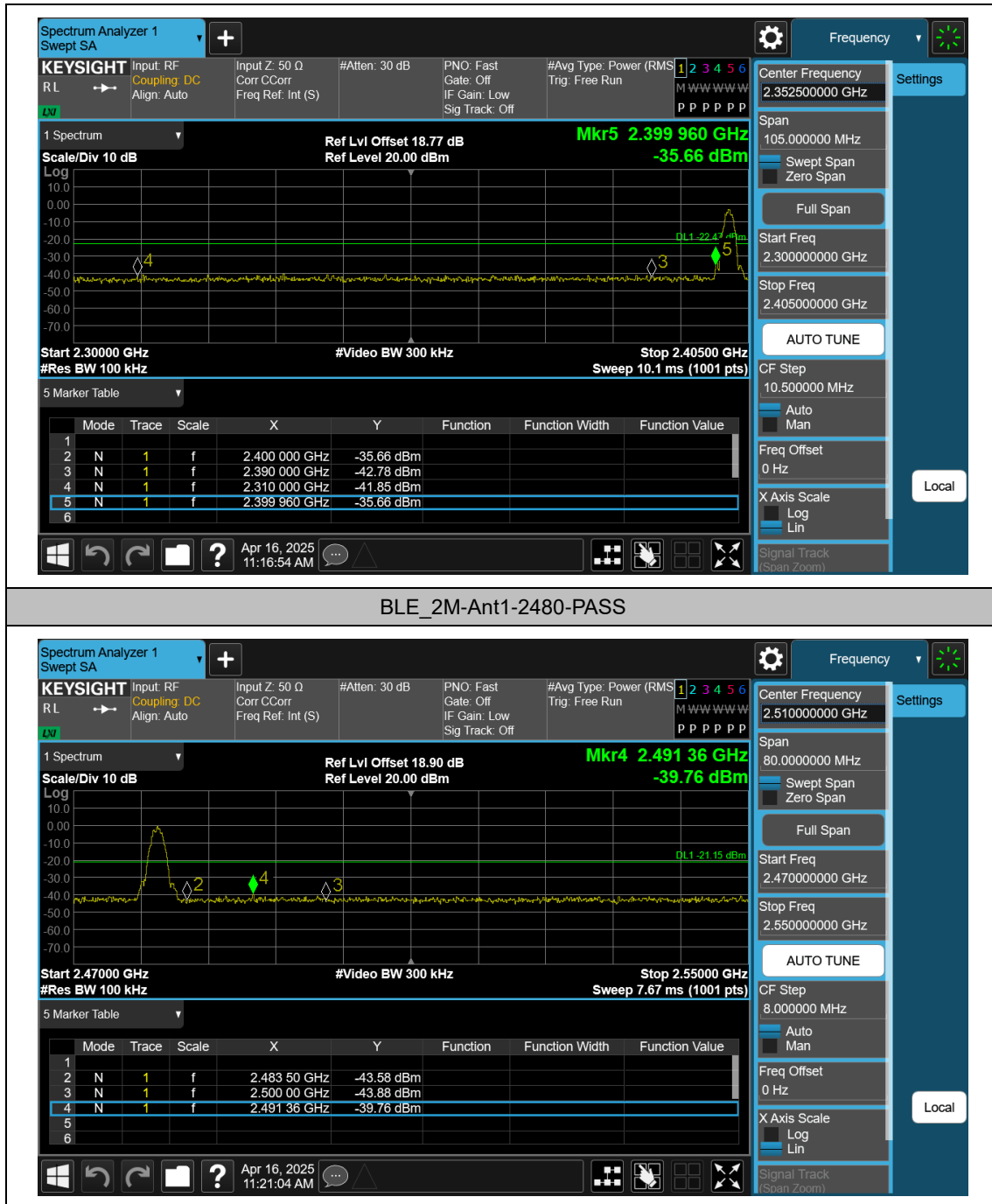
Test Result

TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-1.36	-40.04	≤ -21.36	PASS
BLE_1M	Ant1	High	2480	0.34	-40.07	≤ -19.66	PASS
BLE_2M	Ant1	Low	2402	-2.47	-35.66	≤ -22.47	PASS
BLE_2M	Ant1	High	2480	-1.15	-39.76	≤ -21.15	PASS



Test Graphs





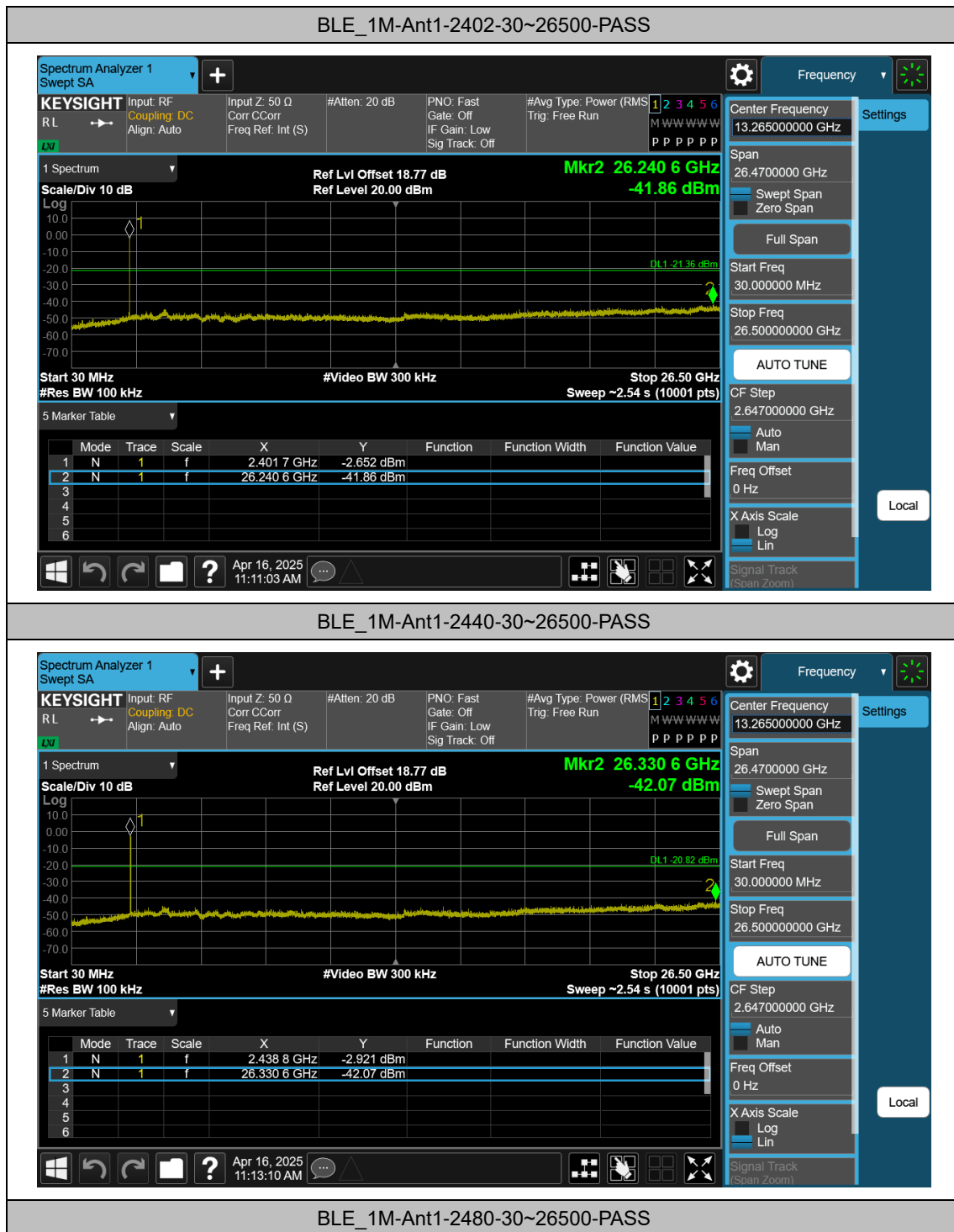
Appendix F: Conducted Spurious Emission

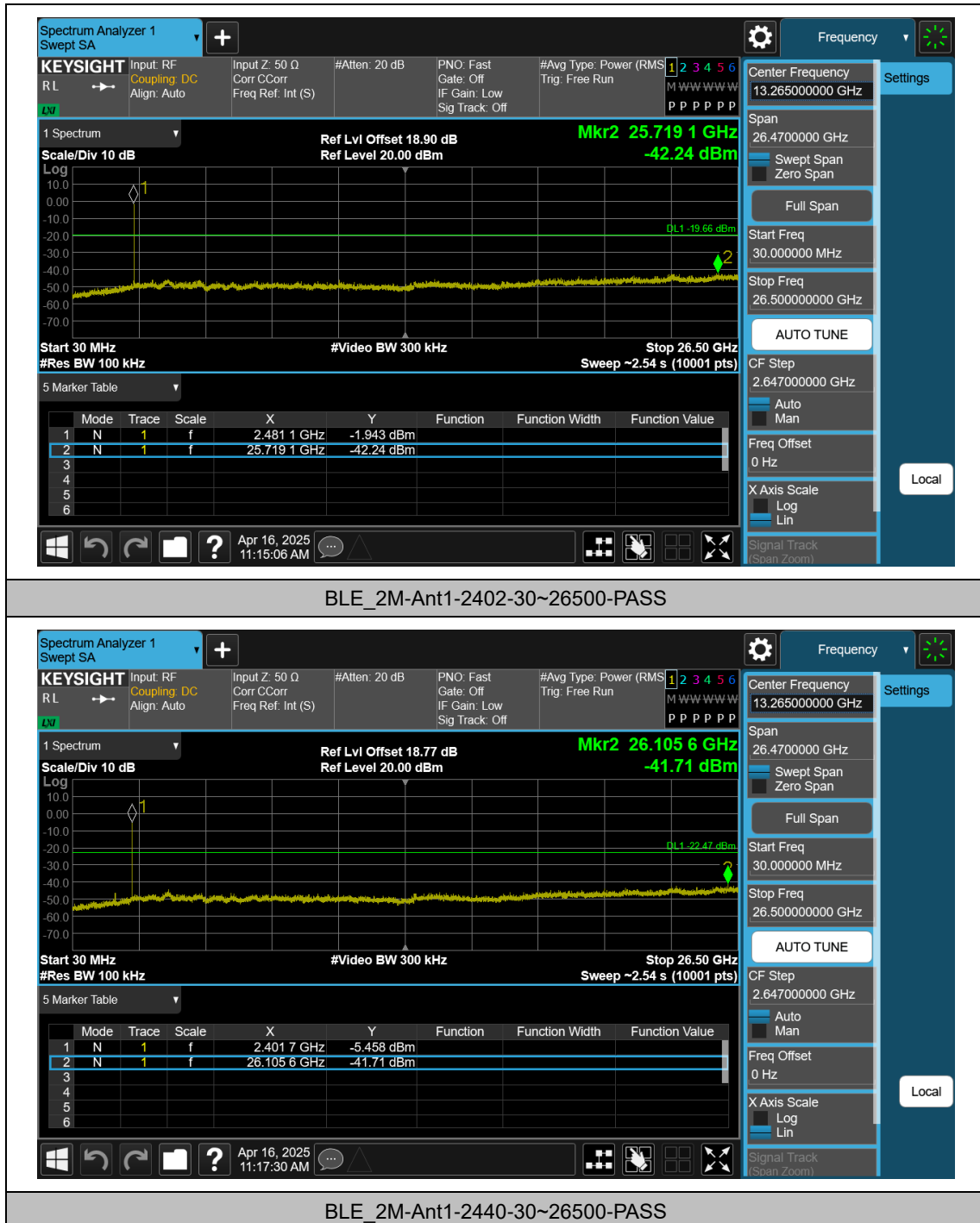
Test Result

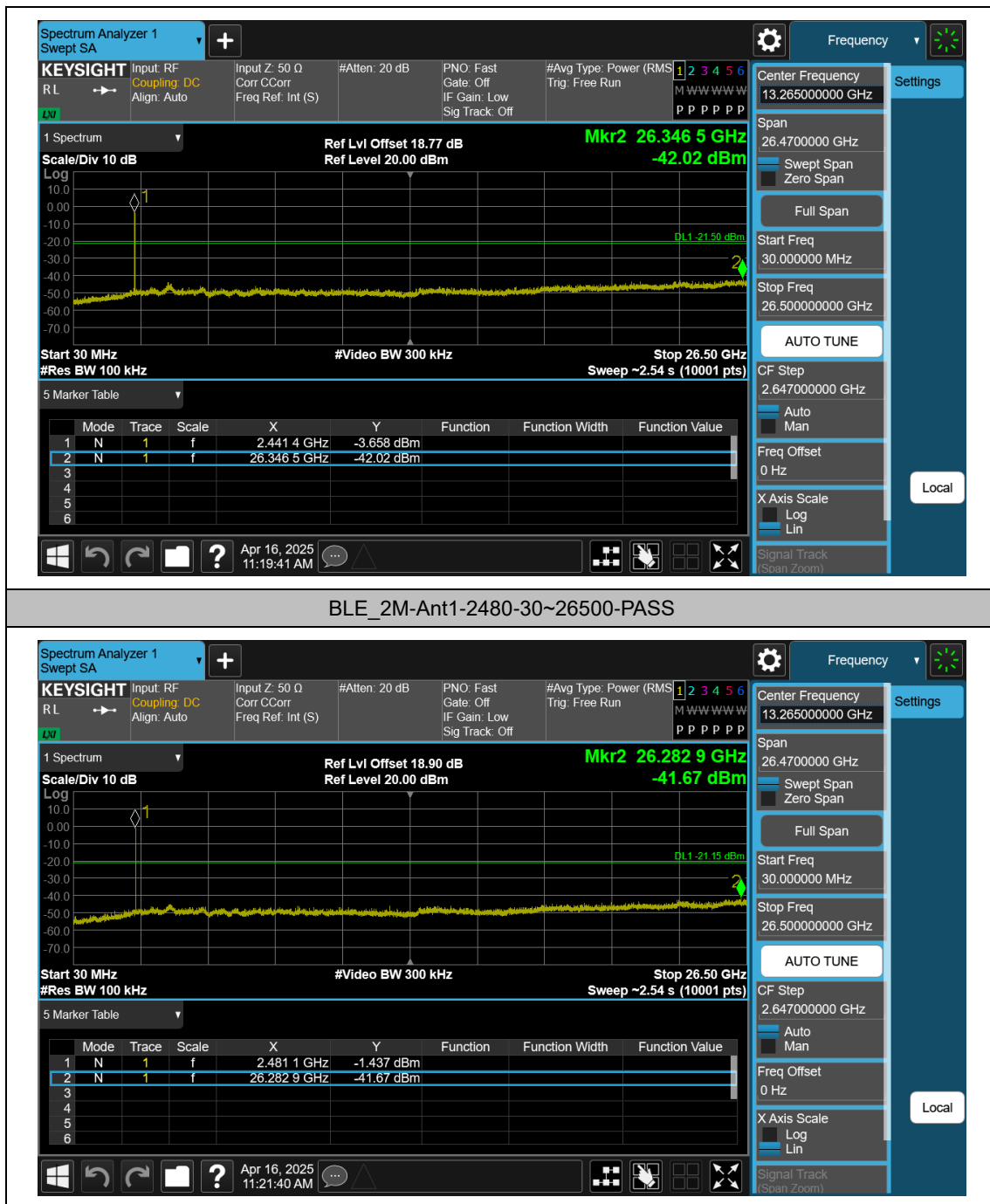
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	30~26500	-1.36	-41.87	≤-21.36	PASS
BLE_1M	Ant1	2440	30~26500	-0.82	-42.07	≤-20.82	PASS
BLE_1M	Ant1	2480	30~26500	0.34	-42.24	≤-19.66	PASS
BLE_2M	Ant1	2402	30~26500	-2.47	-41.71	≤-22.47	PASS
BLE_2M	Ant1	2440	30~26500	-1.50	-42.02	≤-21.5	PASS
BLE_2M	Ant1	2480	30~26500	-1.15	-41.67	≤-21.15	PASS



Test Graphs









Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2440	2.13	2.50	85.20	0.70
BLE_2M	Ant1	2440	1.07	2.49	42.97	3.67



Test Graphs

