

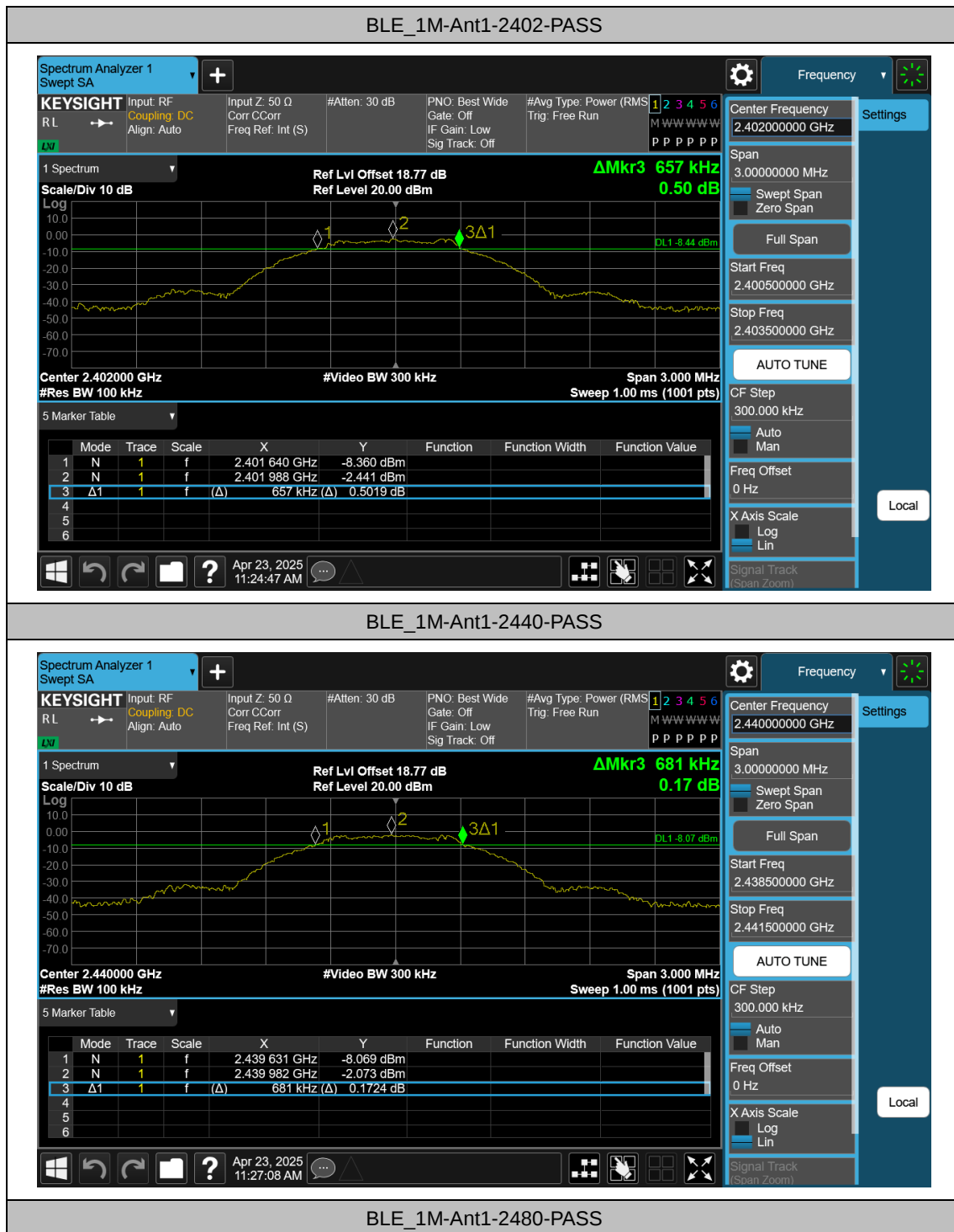
Appendix A: DTS Bandwidth

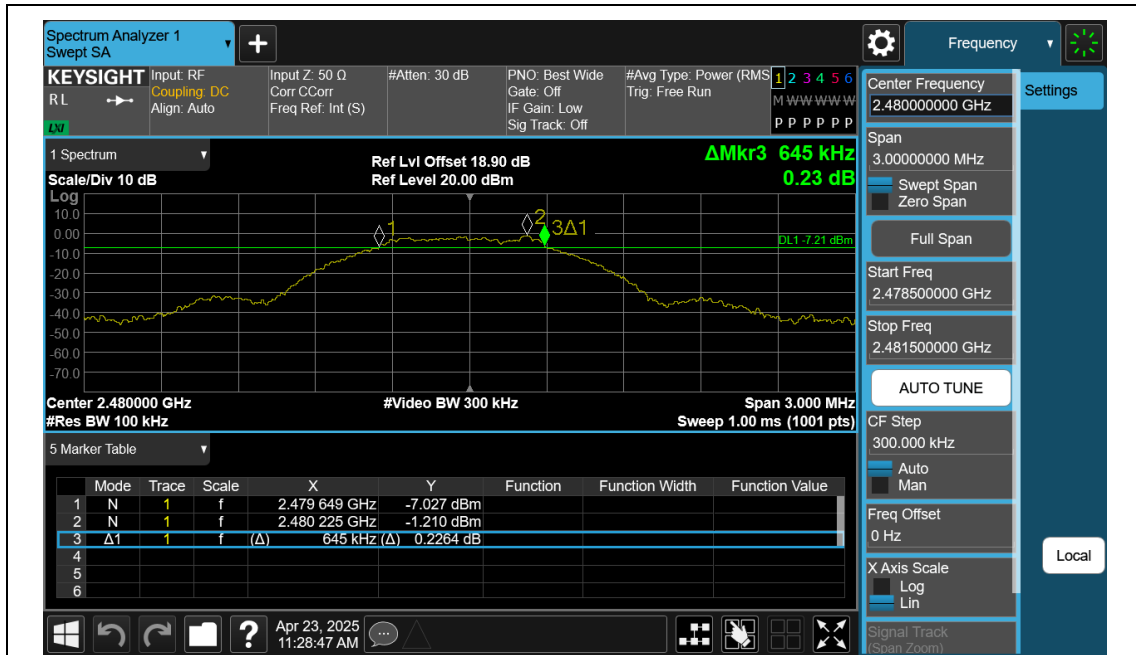
Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.657	2401.640	2402.297	0.5	PASS
BLE_1M	Ant1	2440	0.681	2439.631	2440.312	0.5	PASS
BLE_1M	Ant1	2480	0.645	2479.649	2480.294	0.5	PASS
BLE_2M	Ant1	2402	1.260	2401.376	2402.636	0.5	PASS
BLE_2M	Ant1	2440	1.110	2439.430	2440.540	0.5	PASS
BLE_2M	Ant1	2480	1.134	2479.412	2480.546	0.5	PASS



Test Graphs

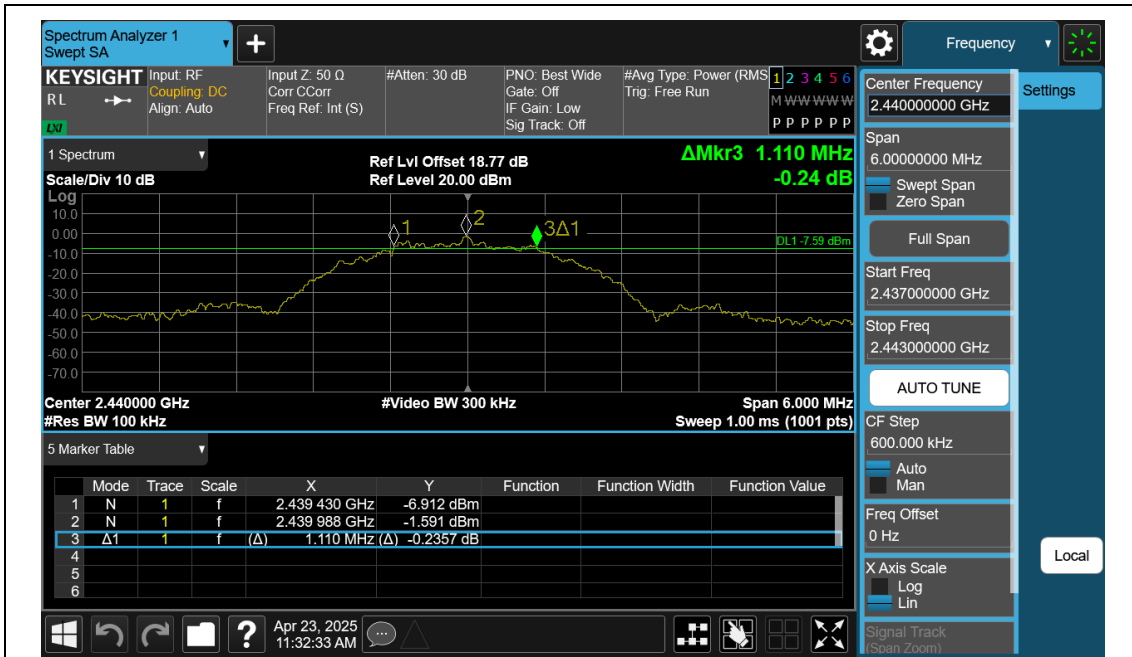




BLE_2M-Ant1-2402-PASS



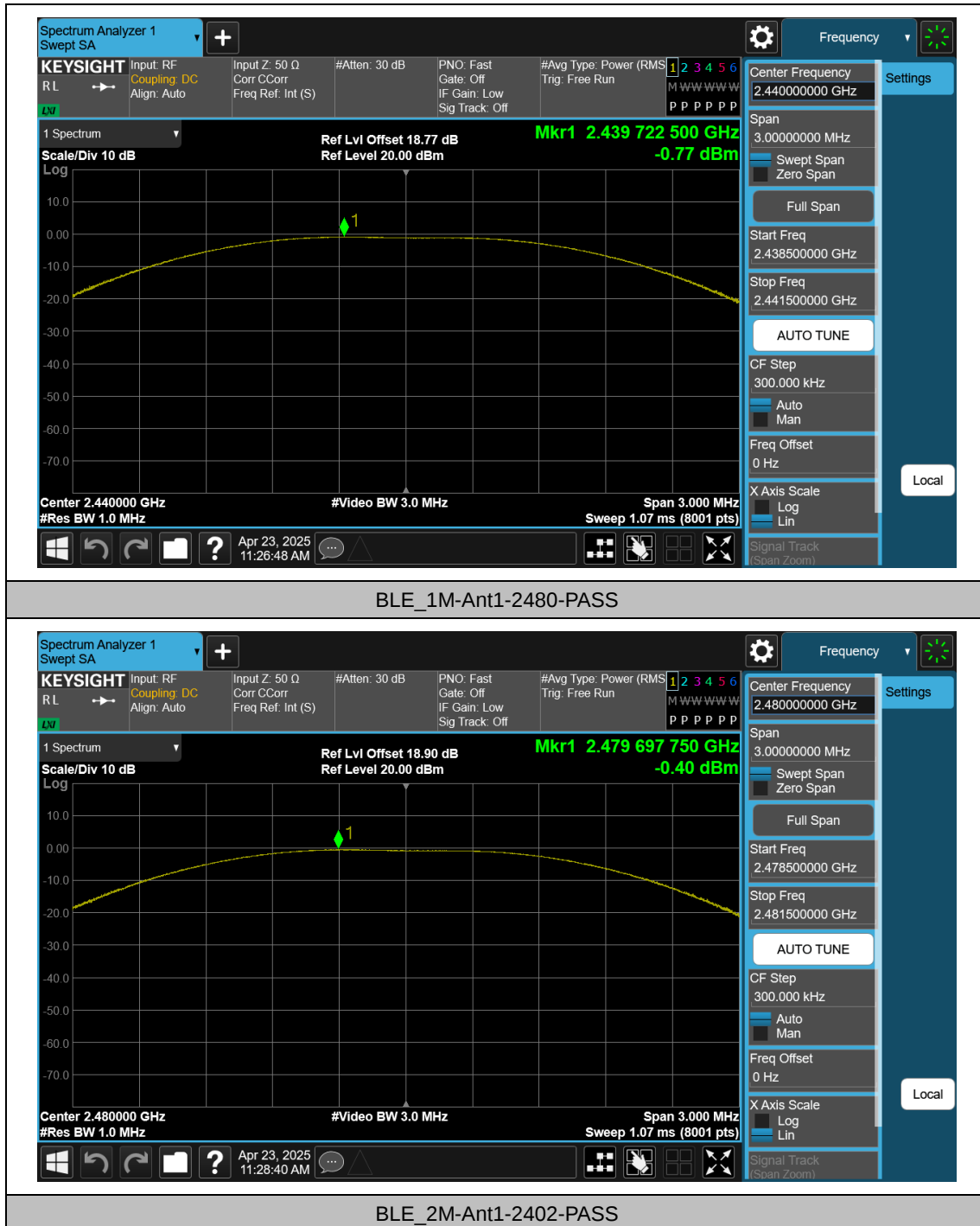
BLE_2M-Ant1-2440-PASS

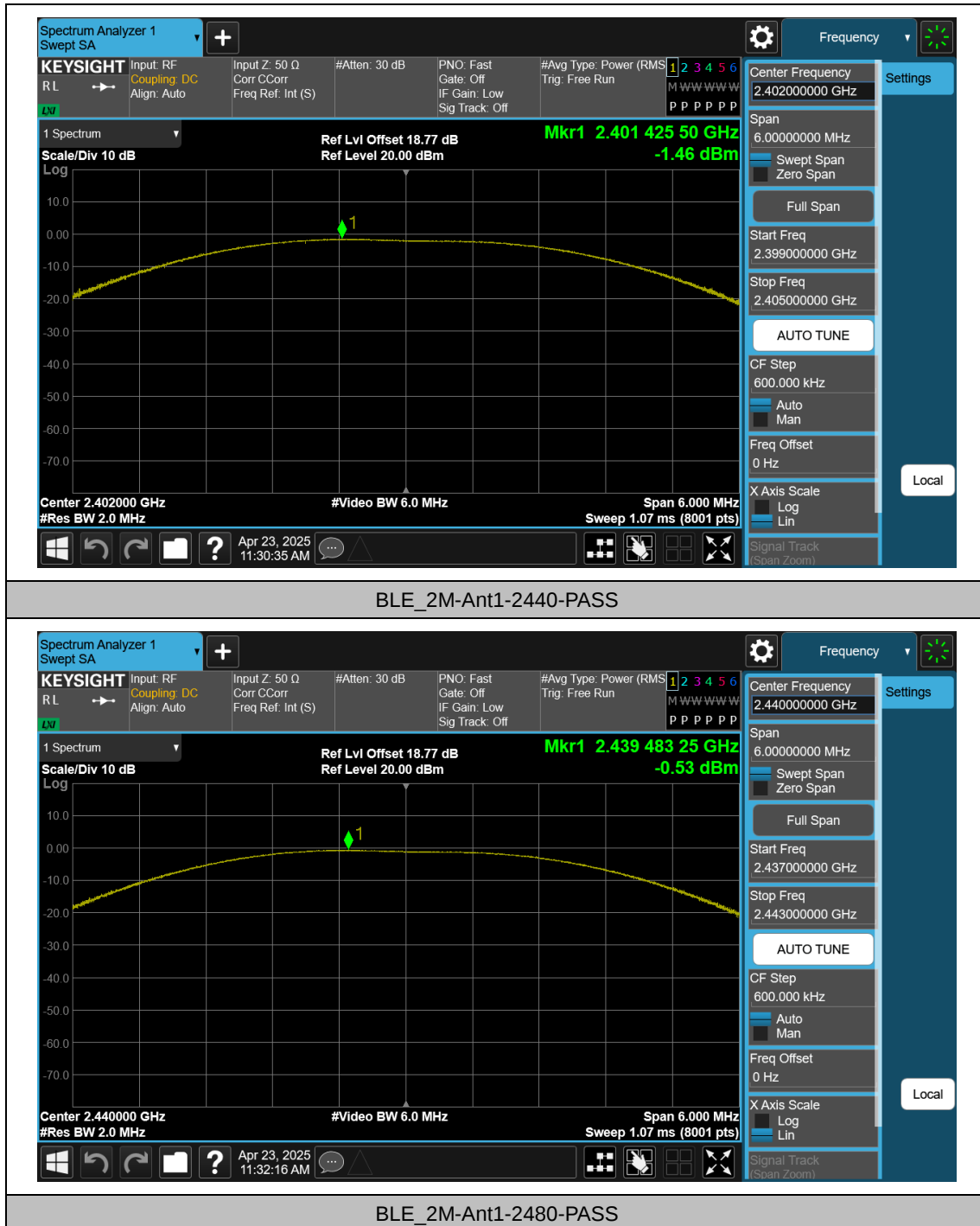


BLE_2M-Ant1-2480-PASS









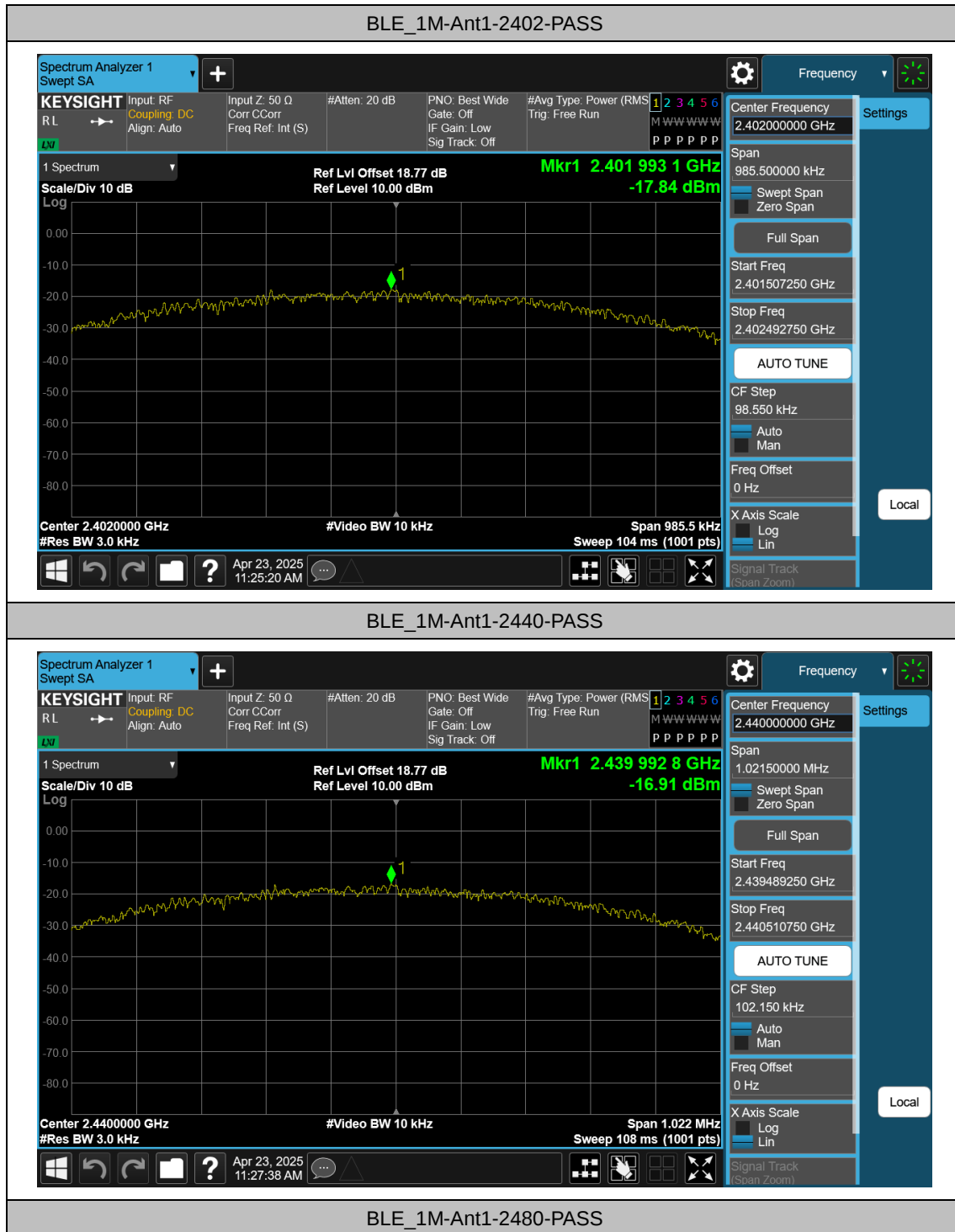


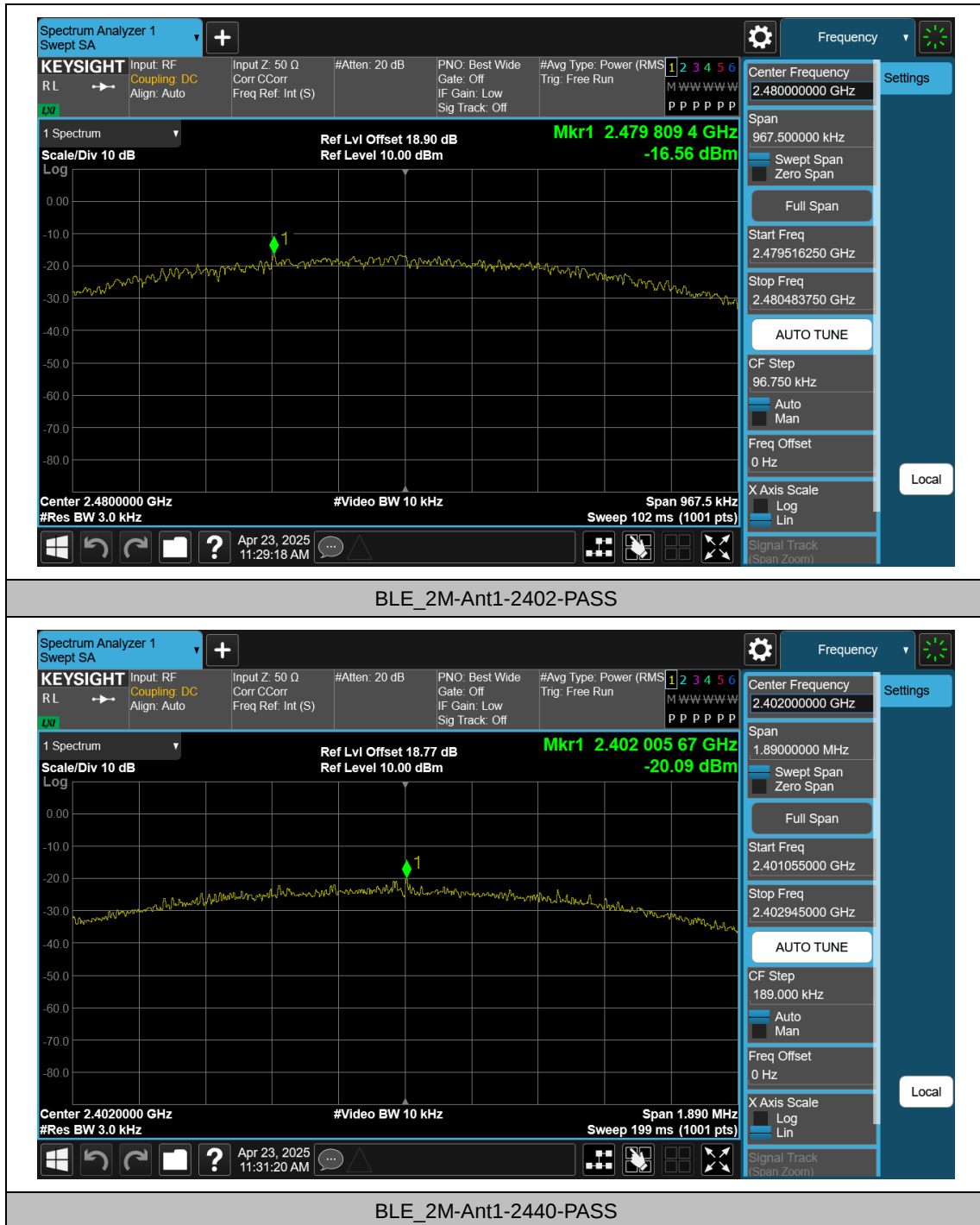
Appendix C: Maximum power spectral density

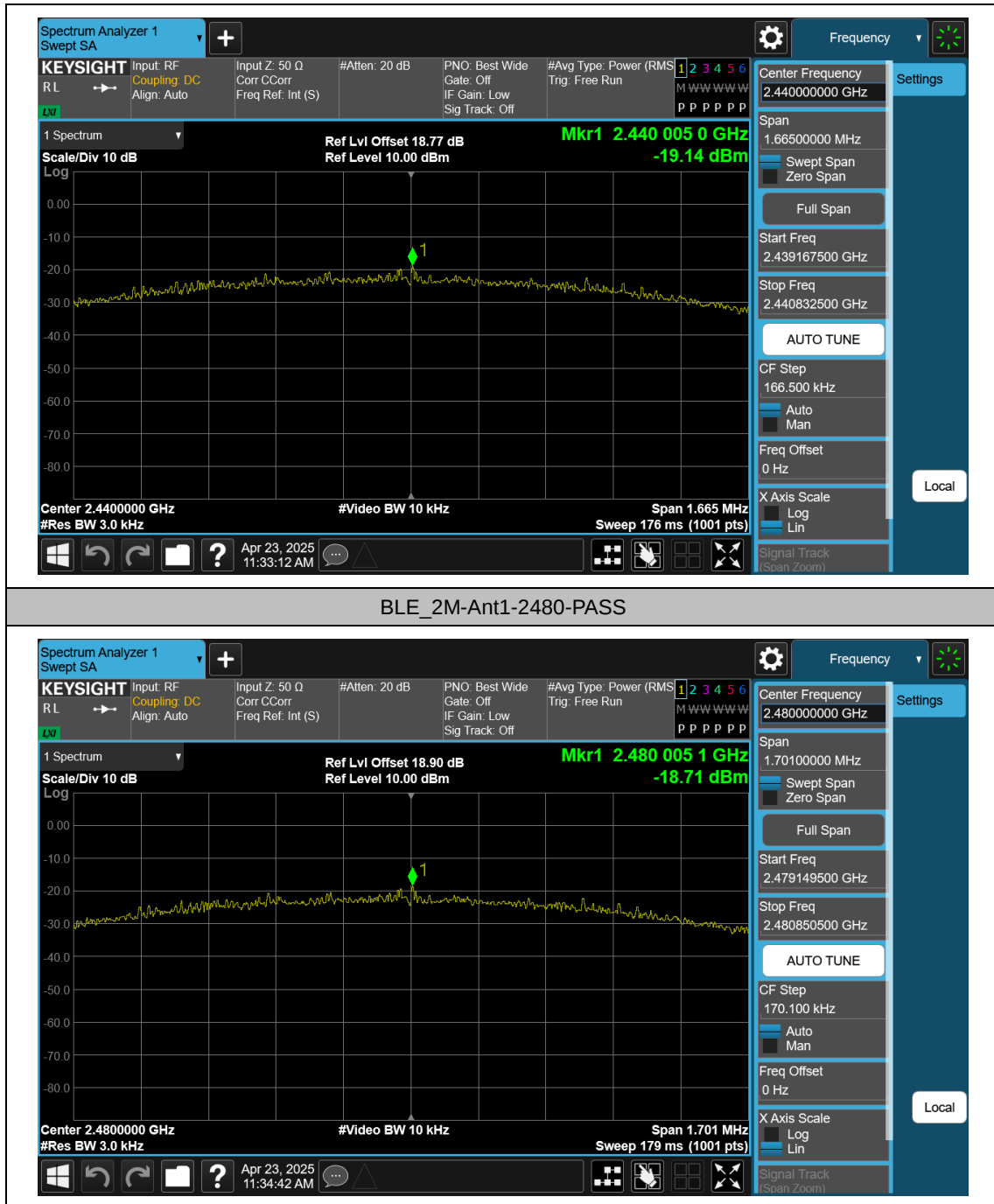
Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-17.84	≤8.00	PASS
BLE_1M	Ant1	2440	-16.91	≤8.00	PASS
BLE_1M	Ant1	2480	-16.56	≤8.00	PASS
BLE_2M	Ant1	2402	-20.09	≤8.00	PASS
BLE_2M	Ant1	2440	-19.14	≤8.00	PASS
BLE_2M	Ant1	2480	-18.71	≤8.00	PASS

Test Graphs







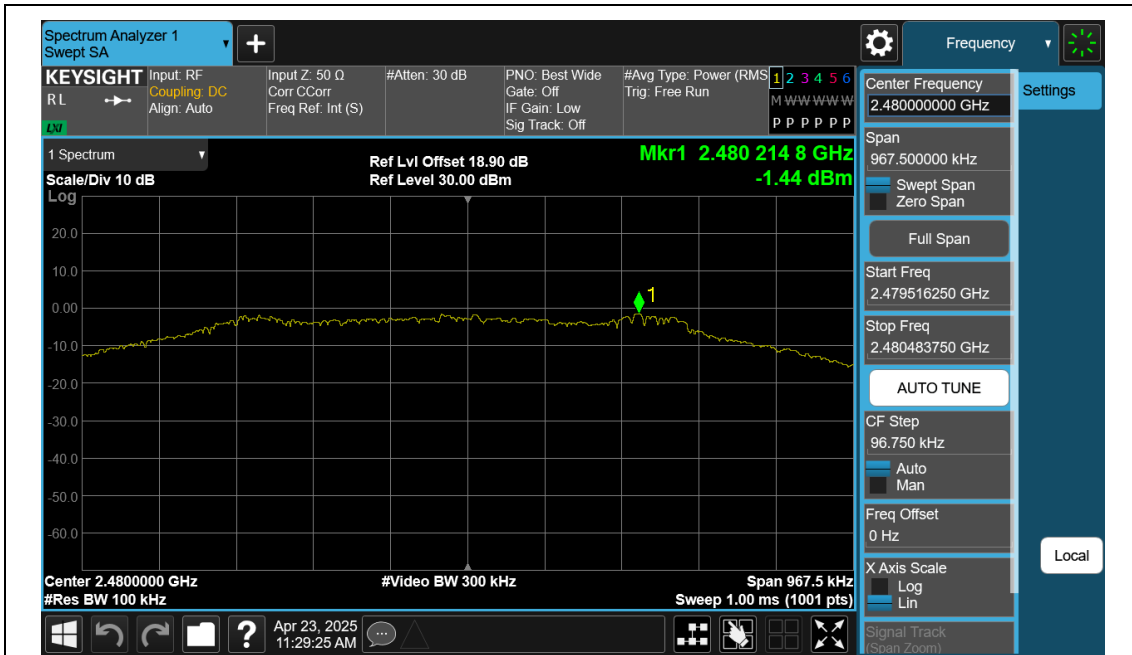
Appendix D: Reference level measurement

Test Result

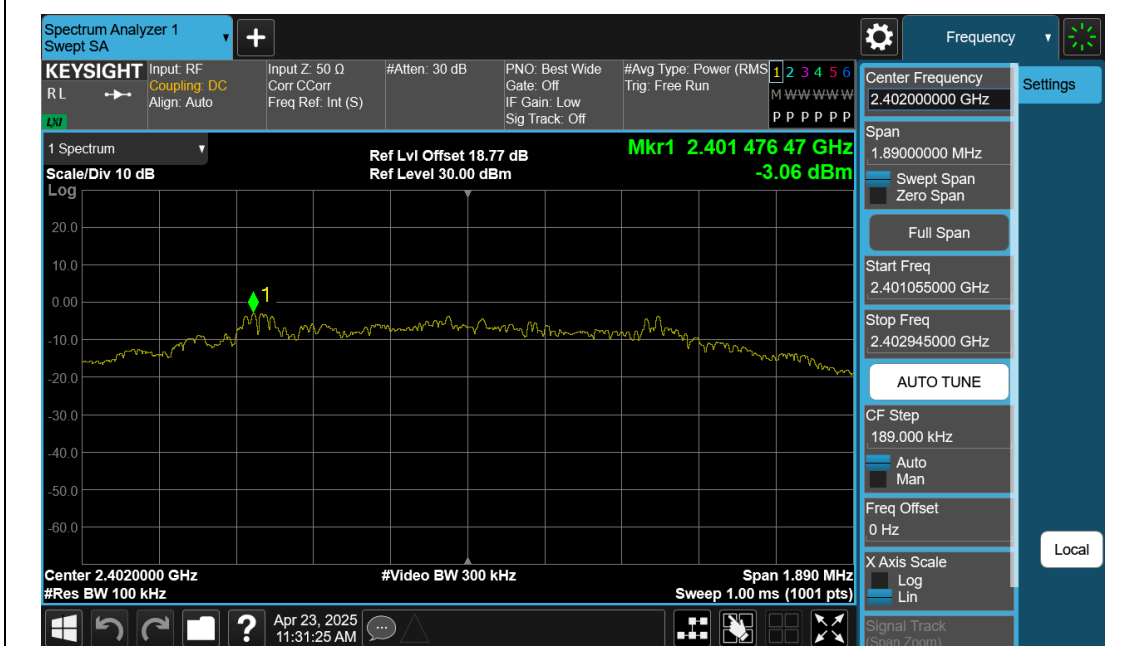
TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
BLE_1M	Ant1	2402	2401.98	-2.78
BLE_1M	Ant1	2440	2439.98	-1.71
BLE_1M	Ant1	2480	2480.21	-1.45
BLE_2M	Ant1	2402	2401.48	-3.06
BLE_2M	Ant1	2440	2440.00	-1.56
BLE_2M	Ant1	2480	2479.98	-1.31

Test Graphs

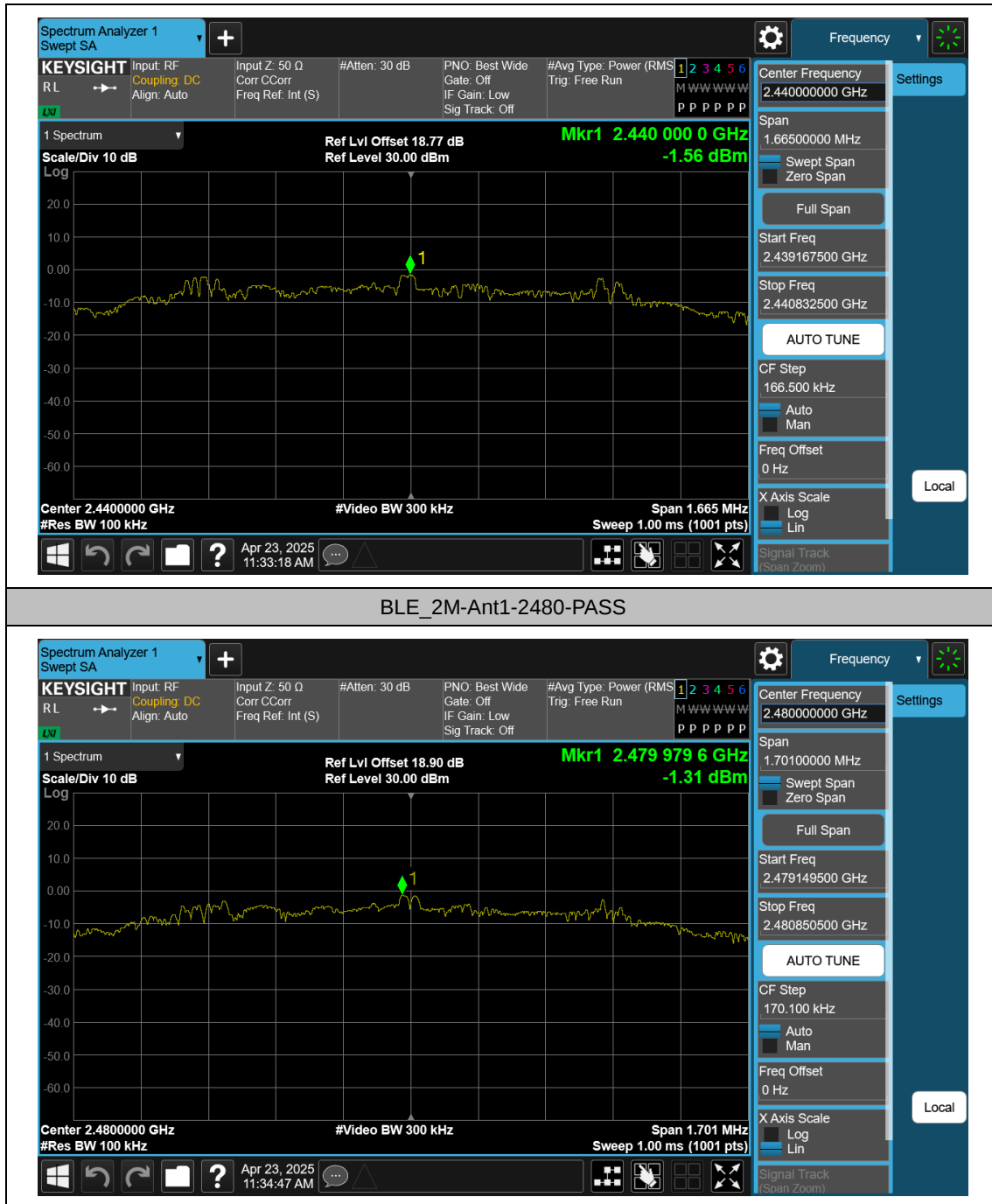




BLE_2M-Ant1-2402-PASS



BLE_2M-Ant1-2440-PASS

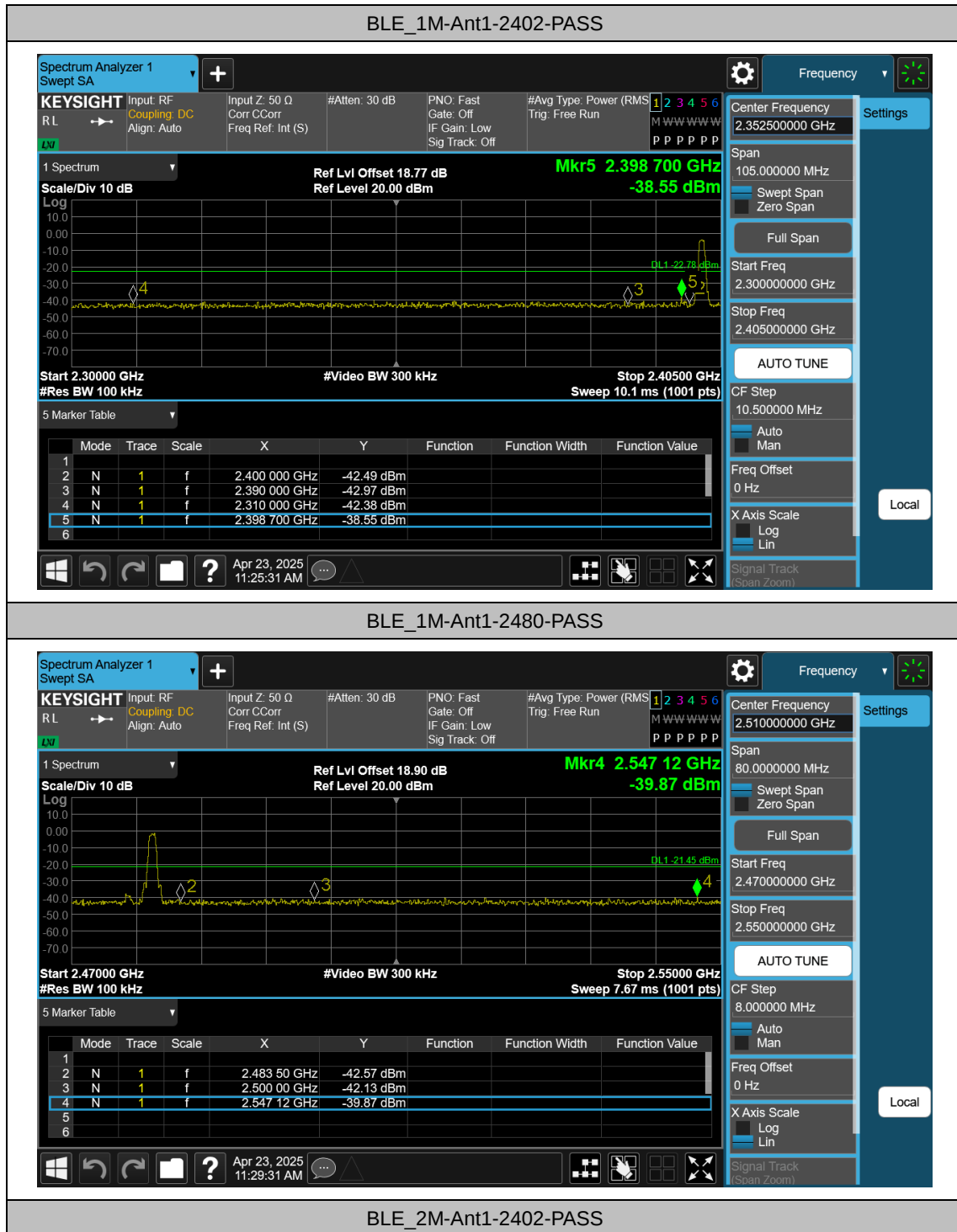


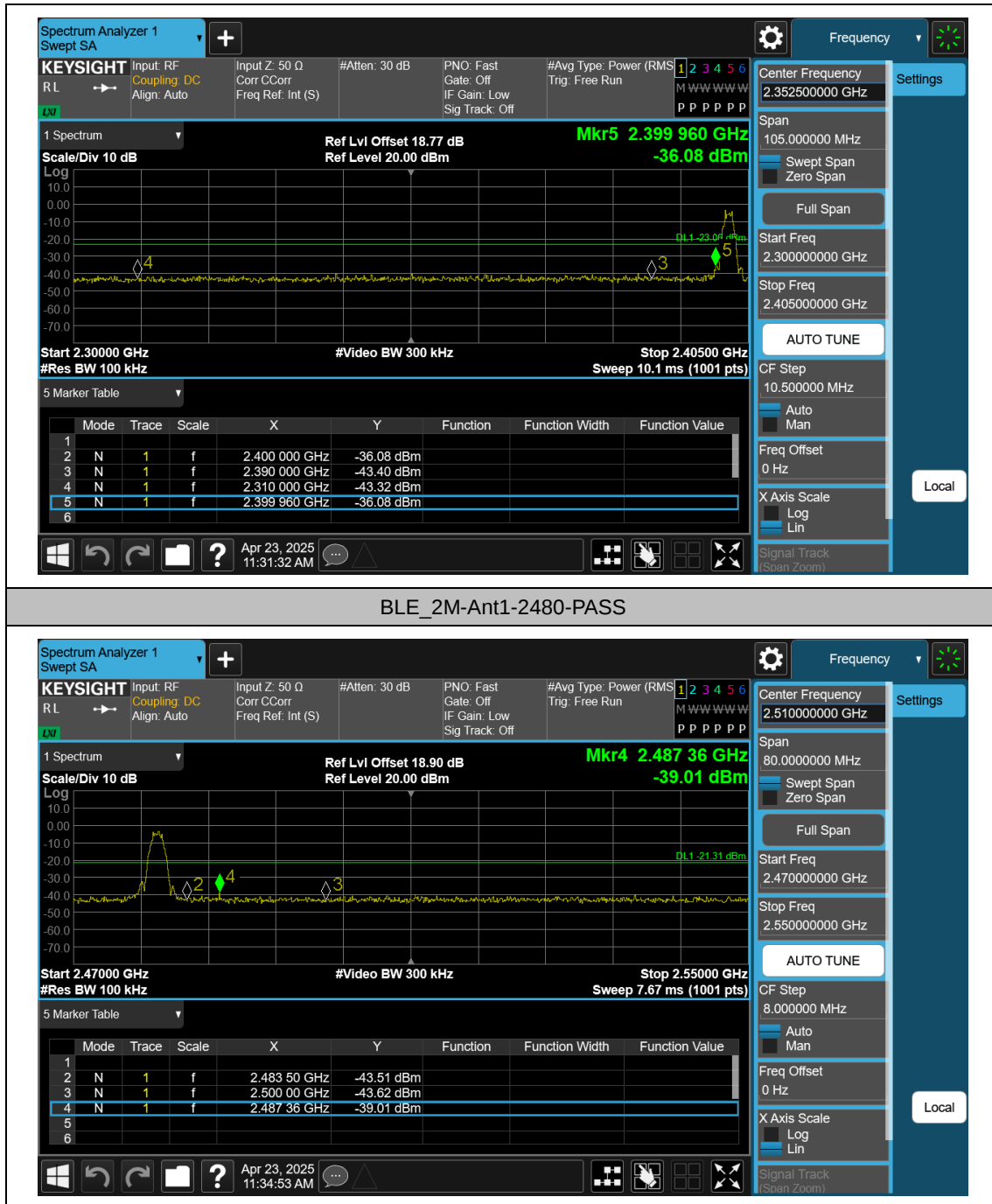
Appendix E: Band edge measurements

Test Result

TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-2.78	-38.55	≤ -22.78	PASS
BLE_1M	Ant1	High	2480	-1.45	-39.87	≤ -21.45	PASS
BLE_2M	Ant1	Low	2402	-3.06	-36.08	≤ -23.06	PASS
BLE_2M	Ant1	High	2480	-1.31	-39.01	≤ -21.31	PASS

Test Graphs



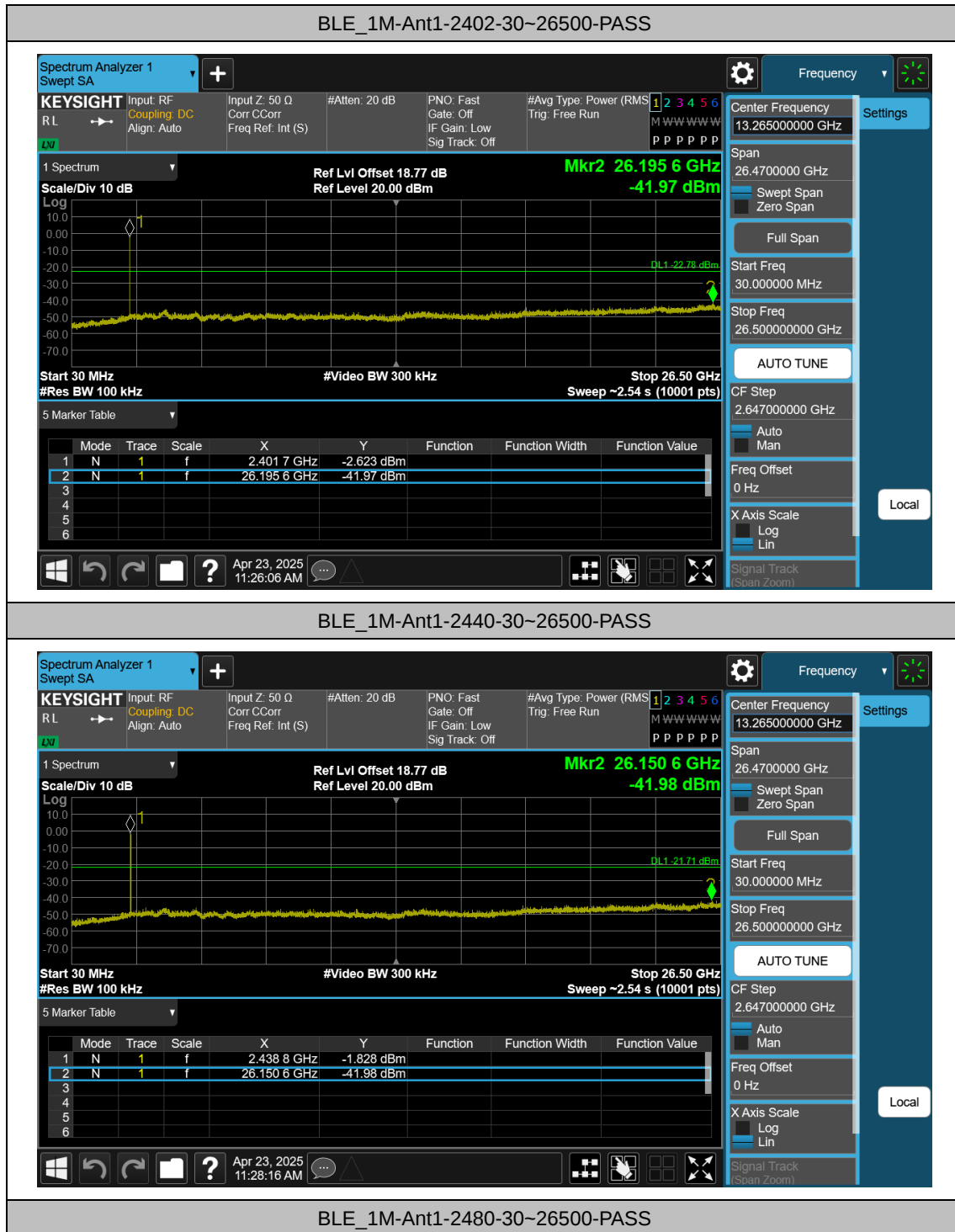


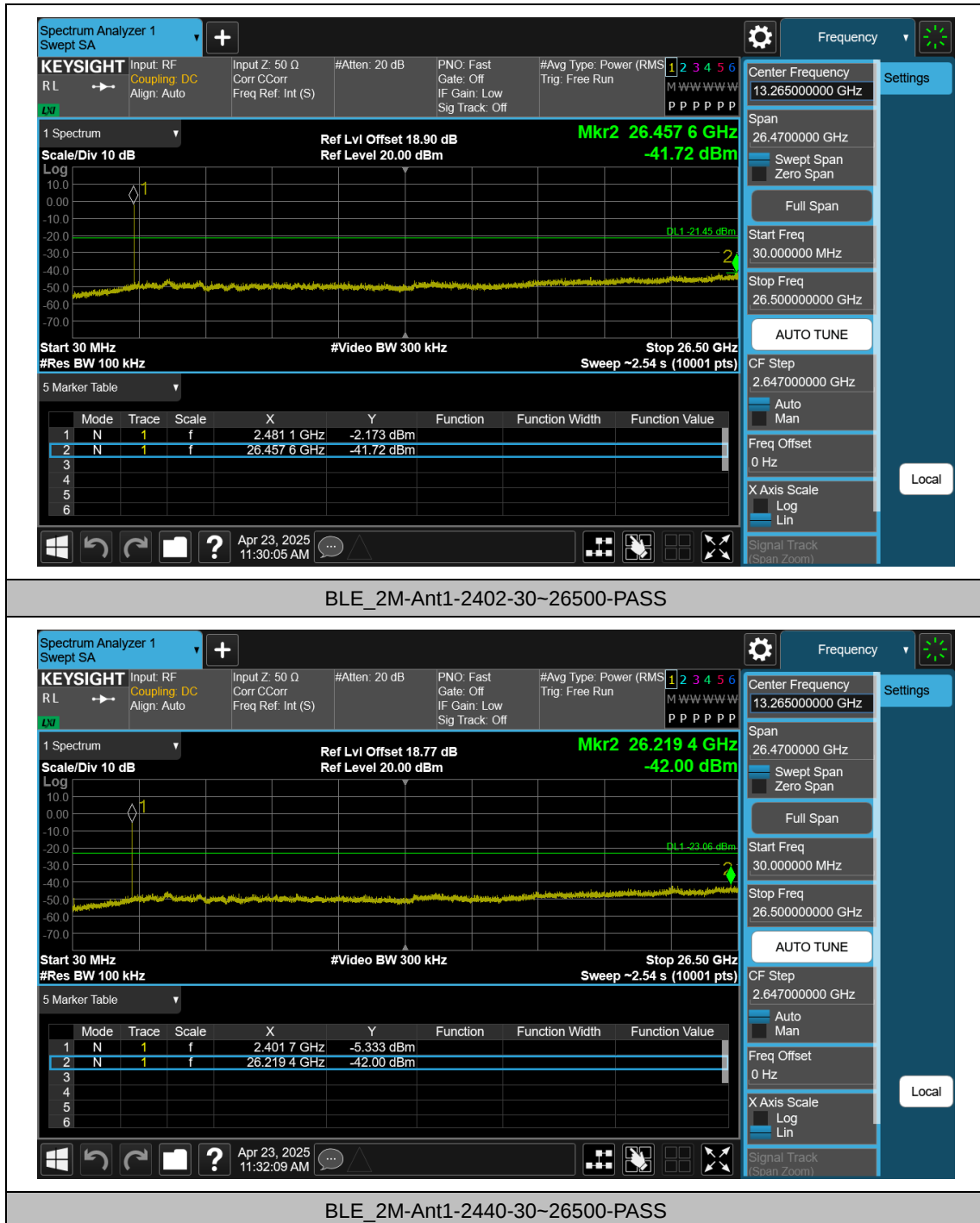
Appendix F: Conducted Spurious Emission

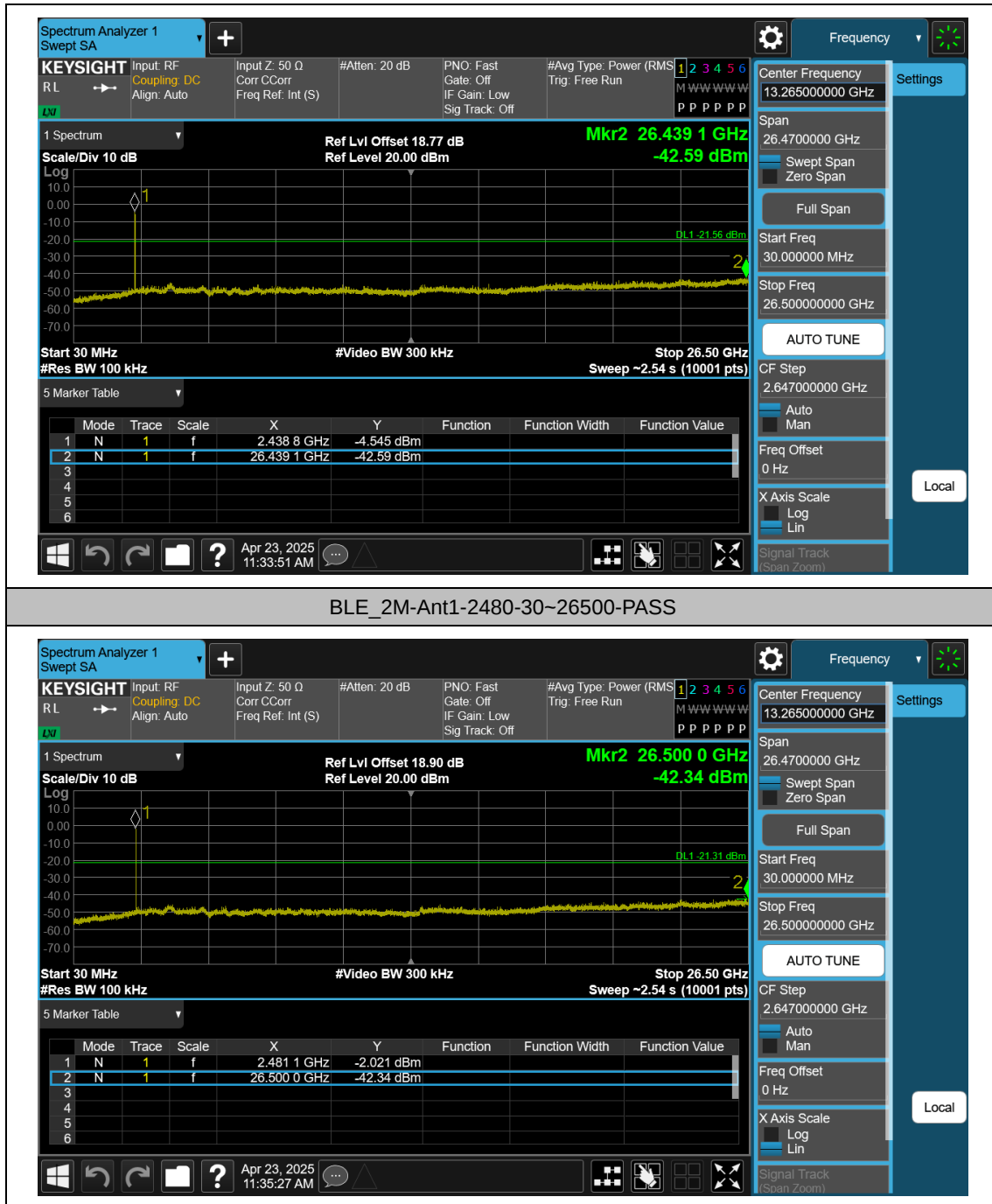
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	30~26500	-2.78	-41.97	≤-22.78	PASS
BLE_1M	Ant1	2440	30~26500	-1.71	-41.98	≤-21.71	PASS
BLE_1M	Ant1	2480	30~26500	-1.45	-41.72	≤-21.45	PASS
BLE_2M	Ant1	2402	30~26500	-3.06	-42	≤-23.06	PASS
BLE_2M	Ant1	2440	30~26500	-1.56	-42.59	≤-21.56	PASS
BLE_2M	Ant1	2480	30~26500	-1.31	-42.34	≤-21.31	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	1.08	2.49	43.37	3.63

Test Graphs

