

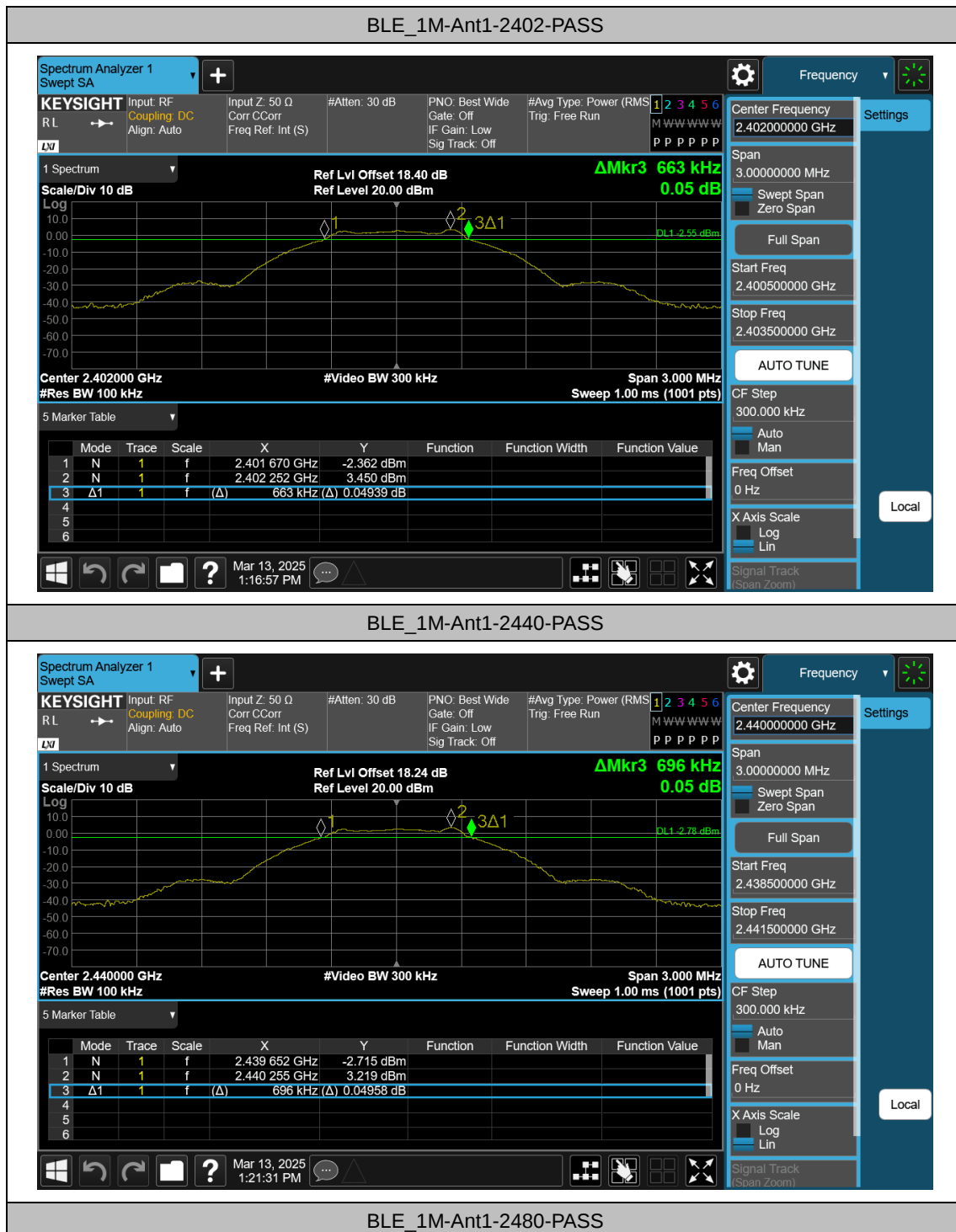
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.663	2401.670	2402.333	0.5	PASS
BLE_1M	Ant1	2440	0.696	2439.652	2440.348	0.5	PASS
BLE_1M	Ant1	2480	0.681	2479.661	2480.342	0.5	PASS
BLE_2M	Ant1	2402	1.188	2401.412	2402.600	0.5	PASS
BLE_2M	Ant1	2440	1.242	2439.364	2440.606	0.5	PASS
BLE_2M	Ant1	2480	1.206	2479.400	2480.606	0.5	PASS

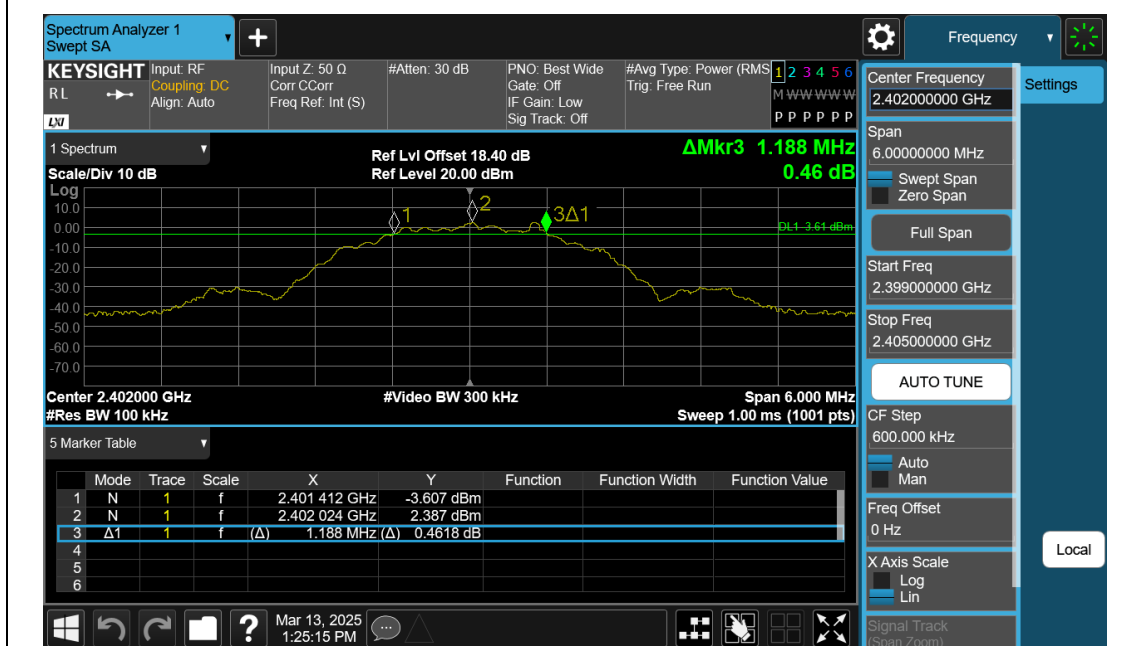


Test Graphs

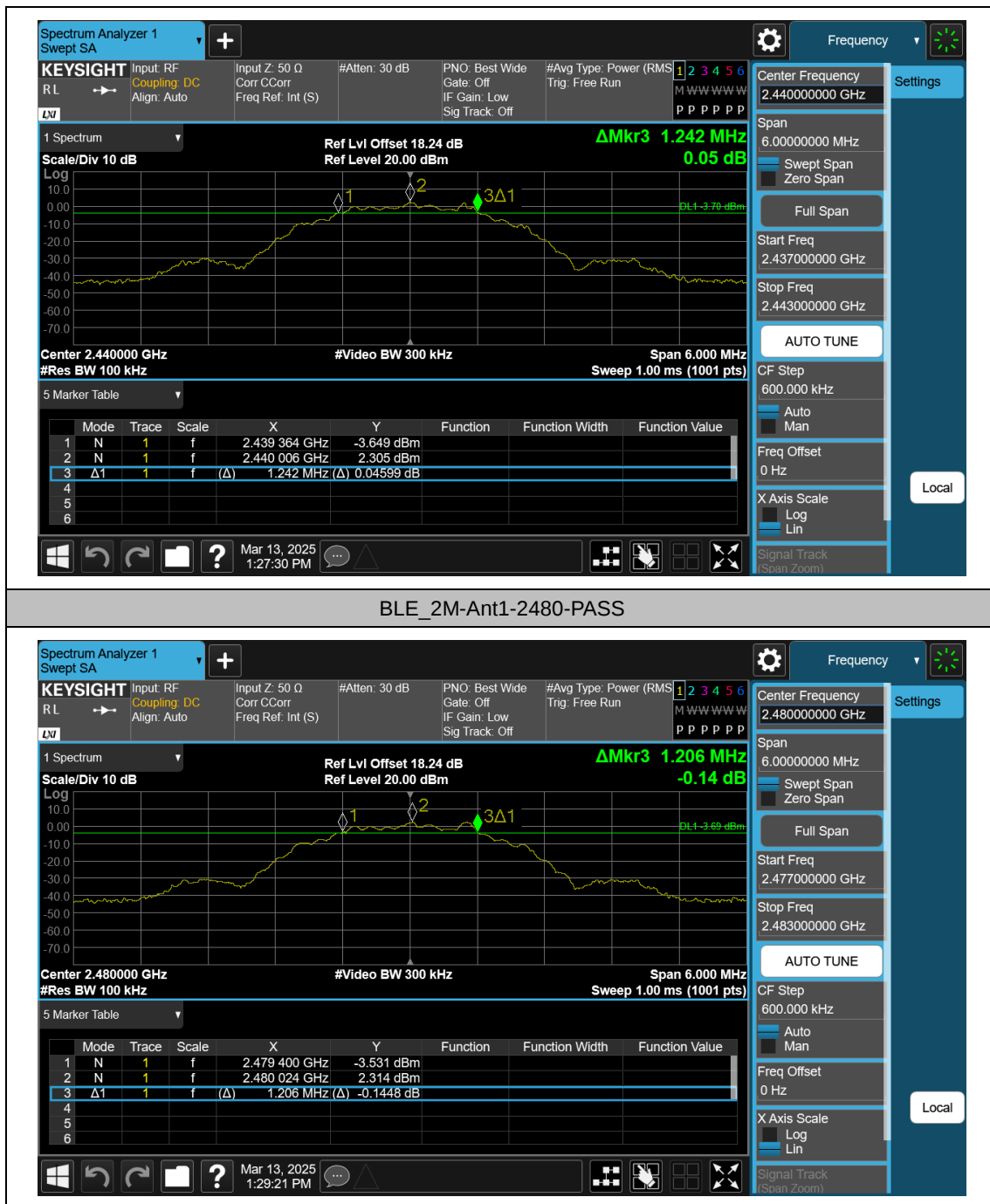




BLE_2M-Ant1-2402-PASS



BLE_2M-Ant1-2440-PASS

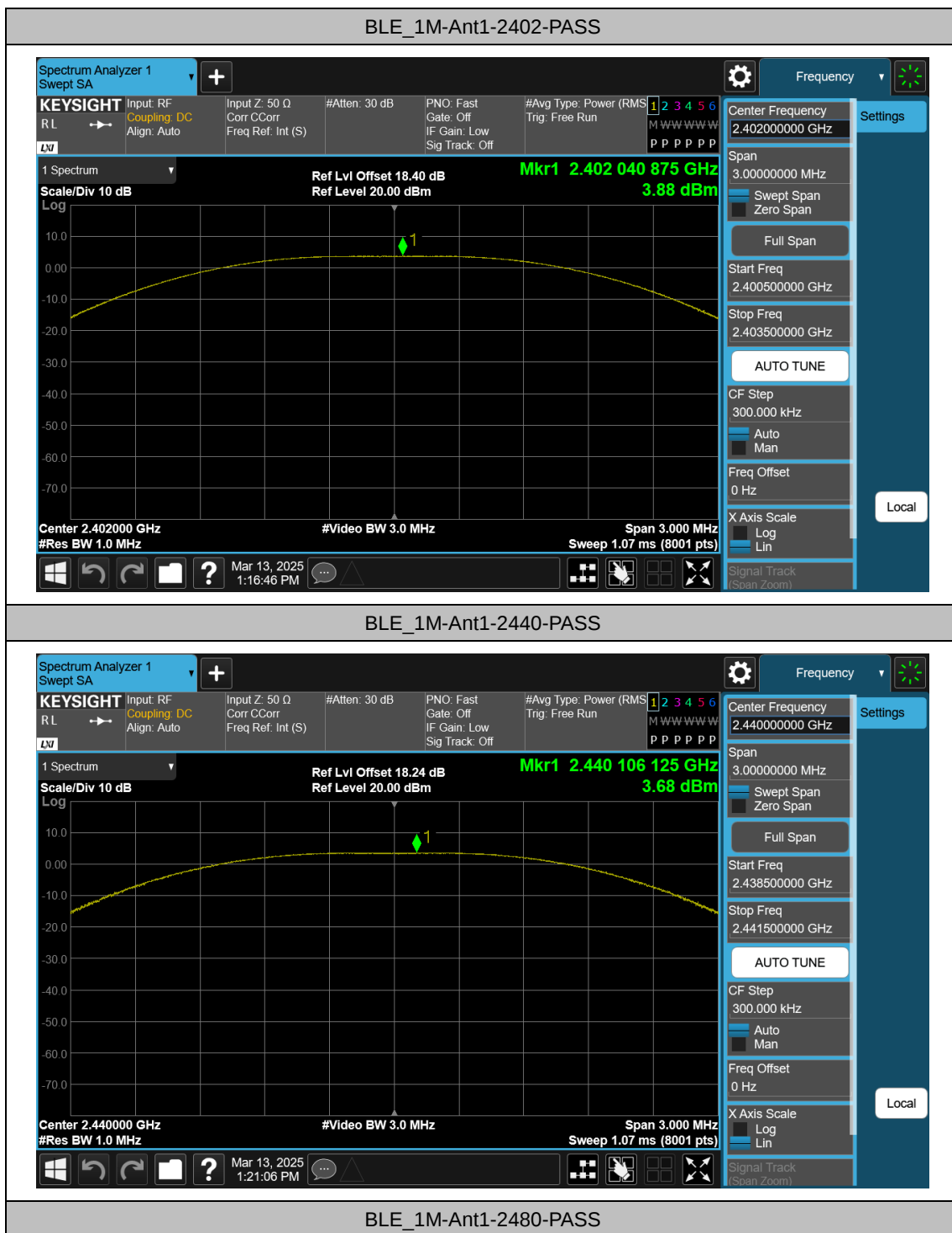


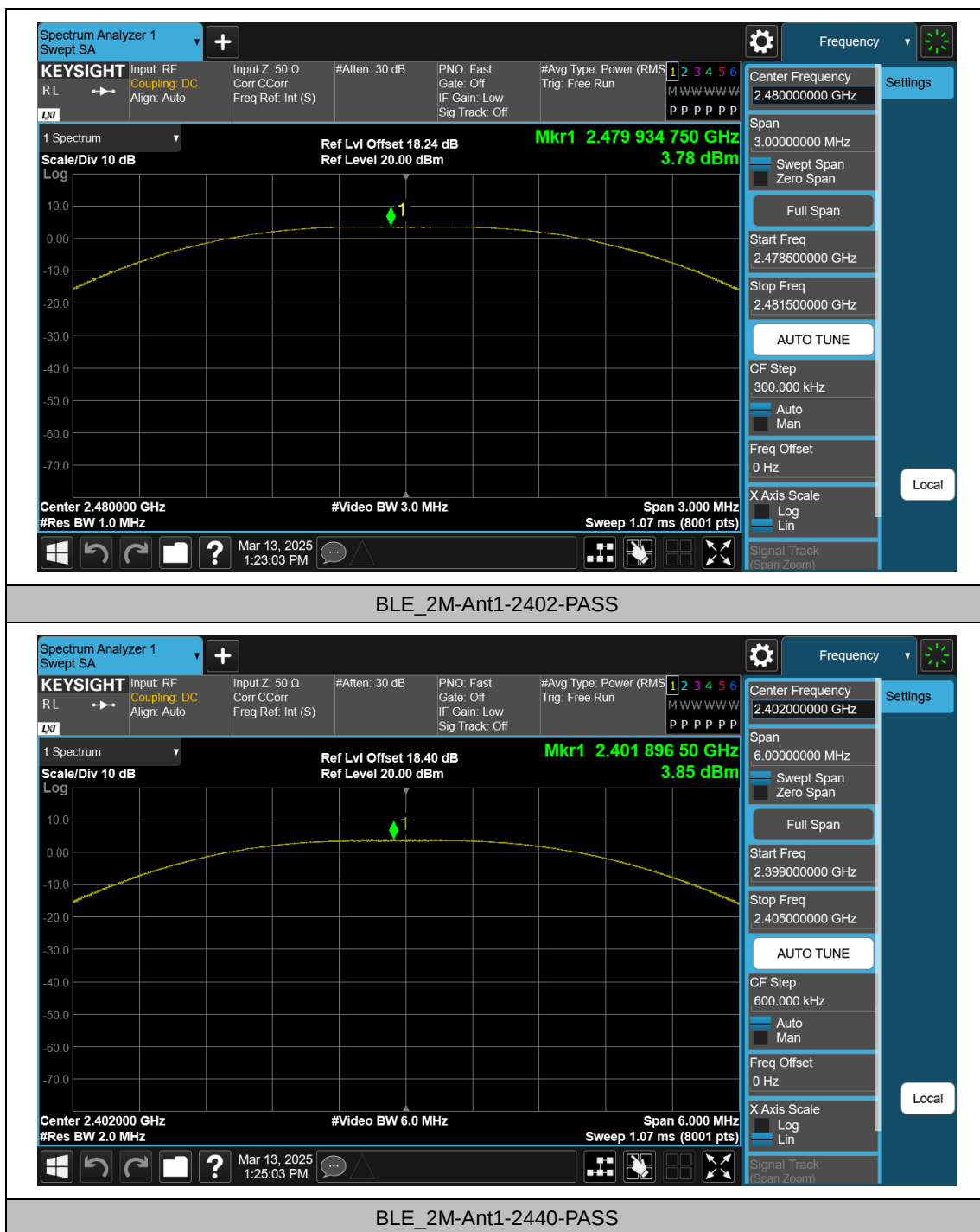
Appendix B: Maximum conducted output power

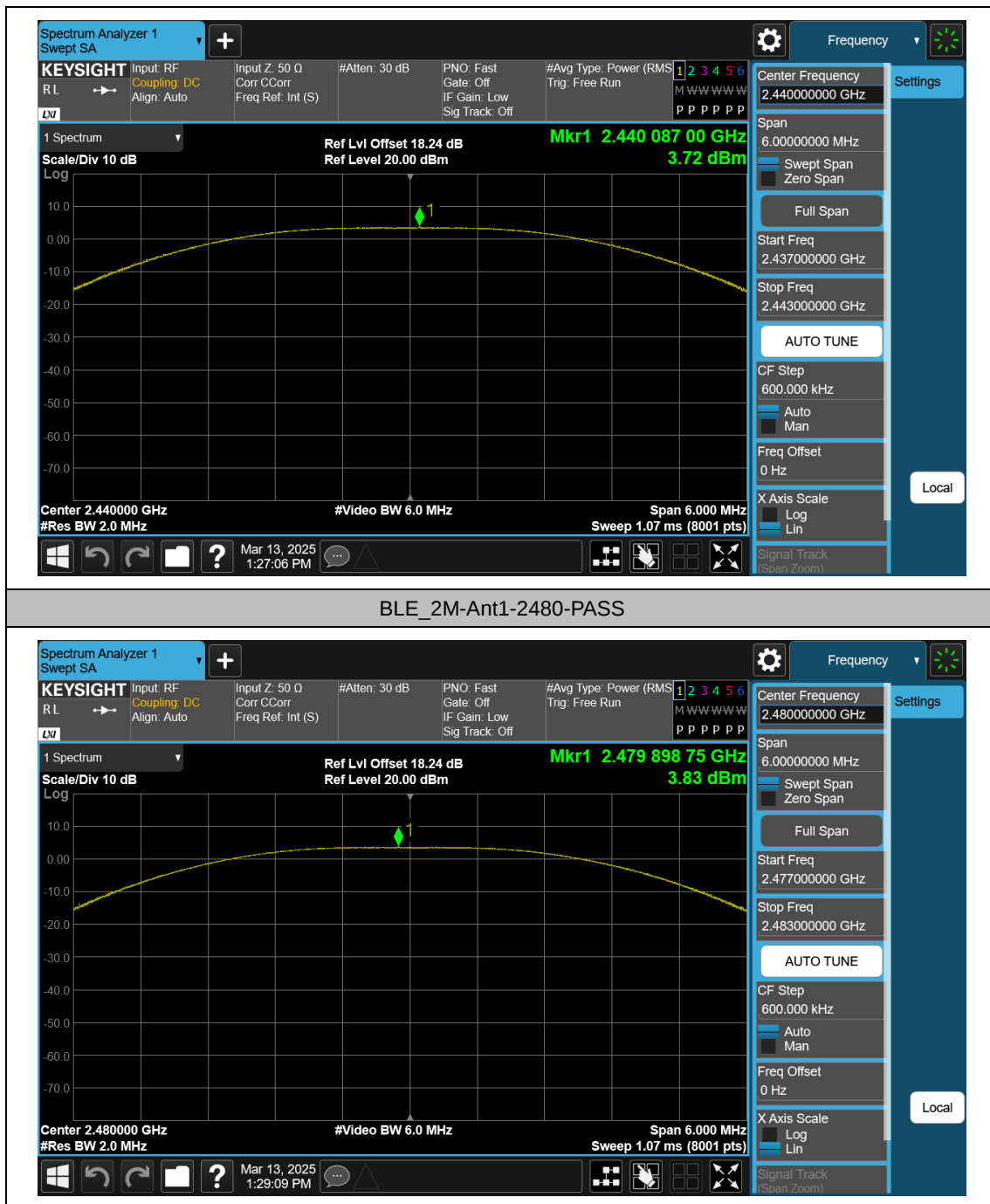
Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	3.88	≤30	PASS
BLE_1M	Ant1	2440	3.68	≤30	PASS
BLE_1M	Ant1	2480	3.78	≤30	PASS
BLE_2M	Ant1	2402	3.85	≤30	PASS
BLE_2M	Ant1	2440	3.72	≤30	PASS
BLE_2M	Ant1	2480	3.83	≤30	PASS

Test Graphs Peak







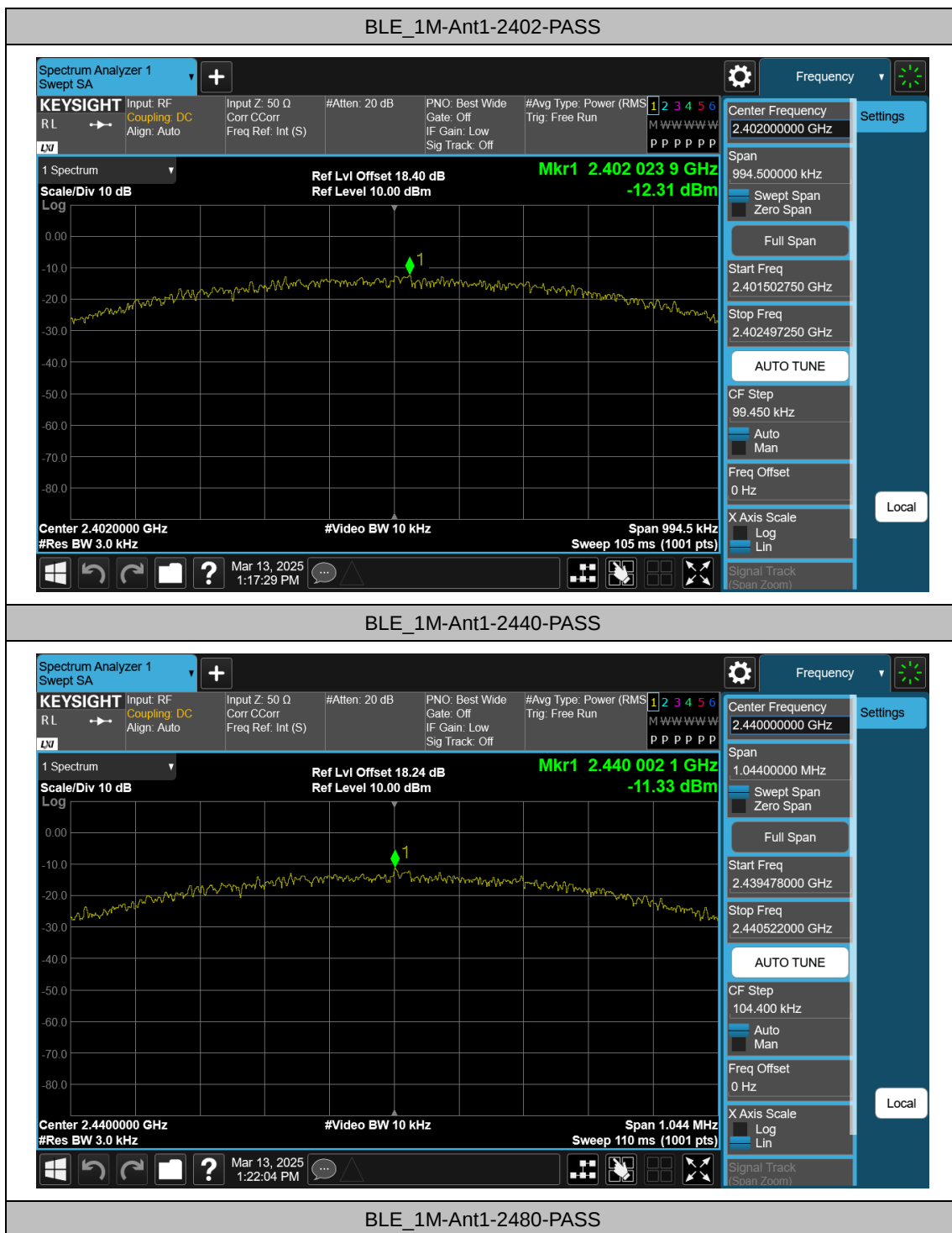
Appendix C: Maximum power spectral density

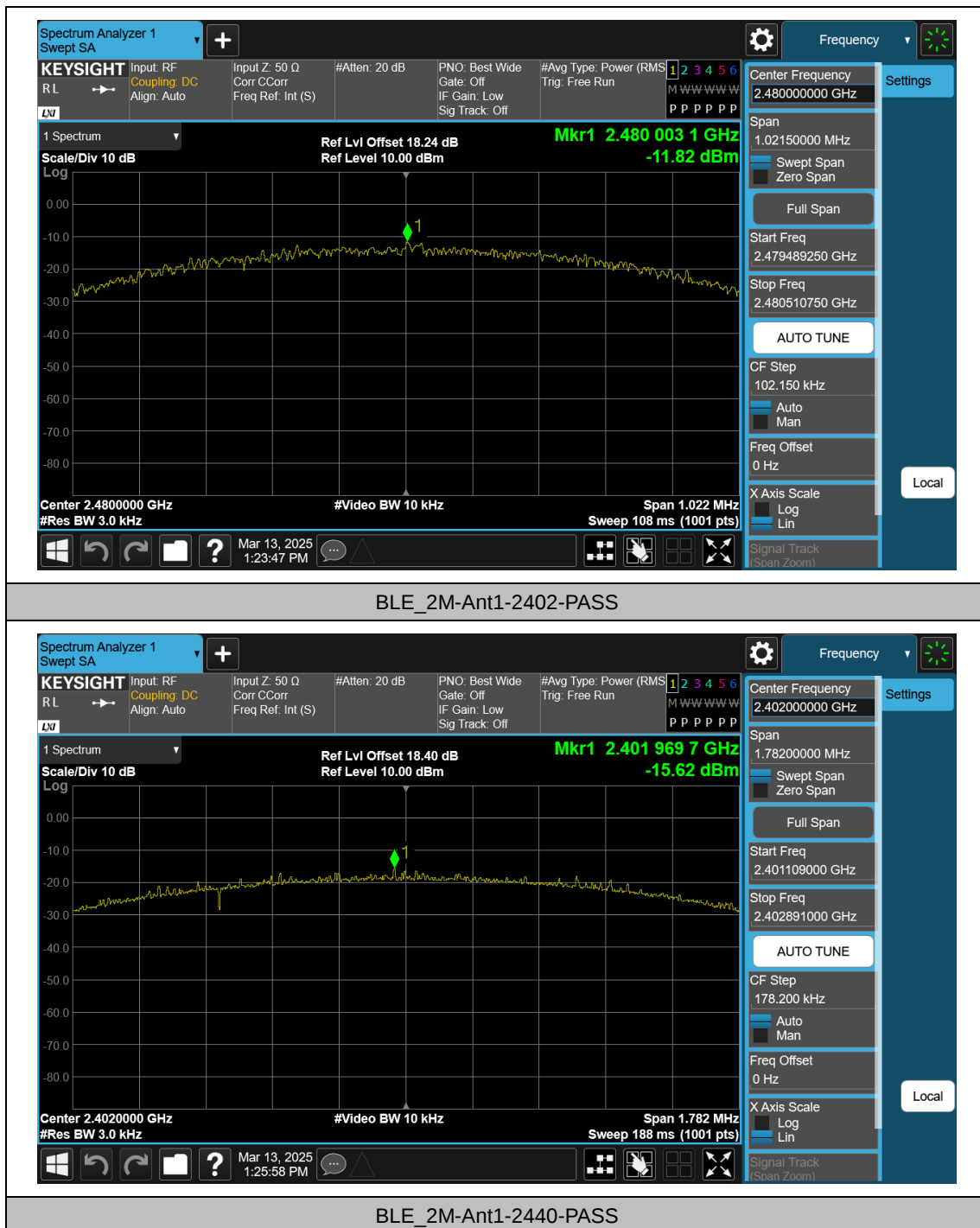
Test Result

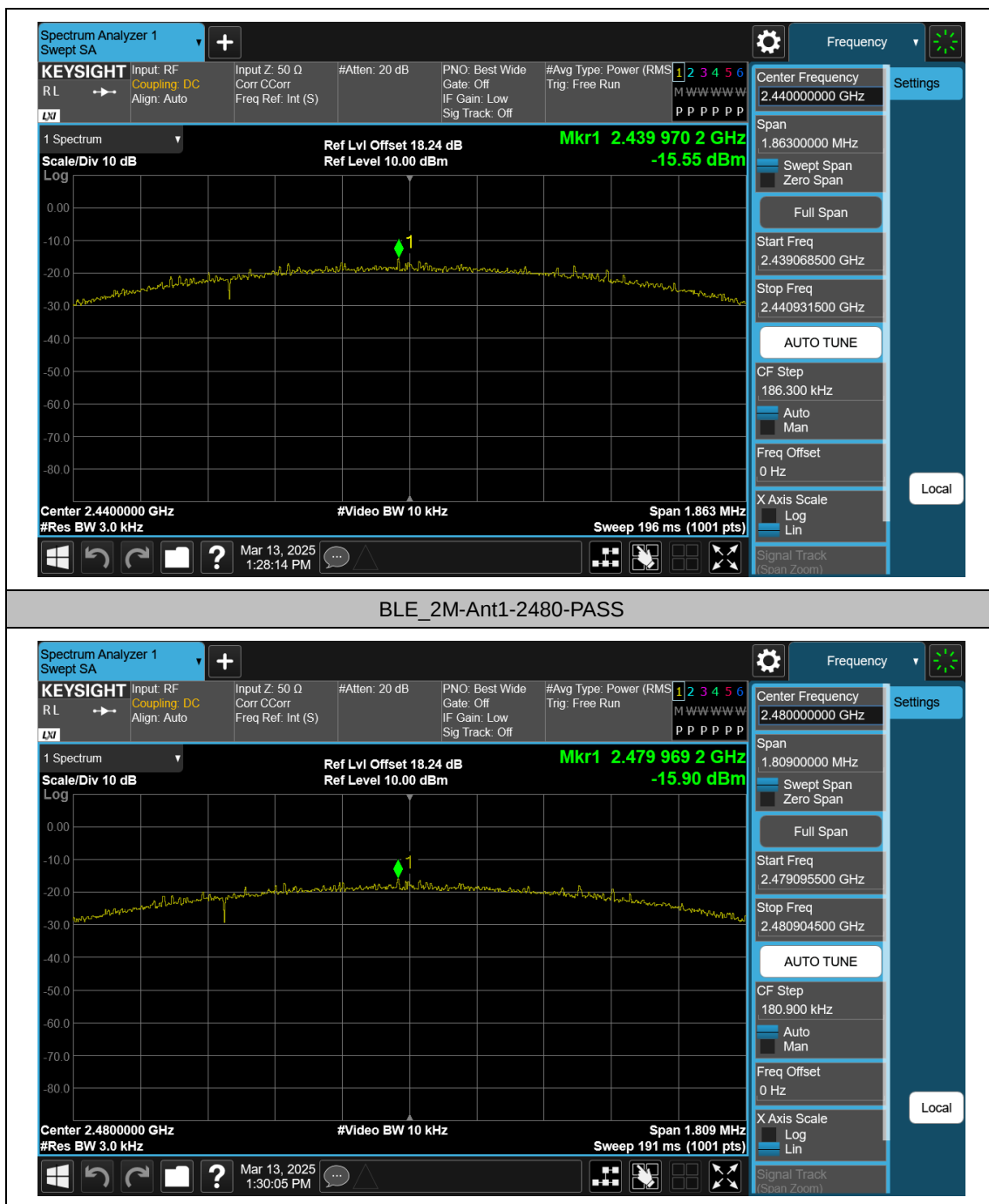
TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-12.31	≤8.00	PASS
BLE_1M	Ant1	2440	-11.33	≤8.00	PASS
BLE_1M	Ant1	2480	-11.82	≤8.00	PASS
BLE_2M	Ant1	2402	-15.62	≤8.00	PASS
BLE_2M	Ant1	2440	-15.55	≤8.00	PASS
BLE_2M	Ant1	2480	-15.90	≤8.00	PASS



Test Graphs







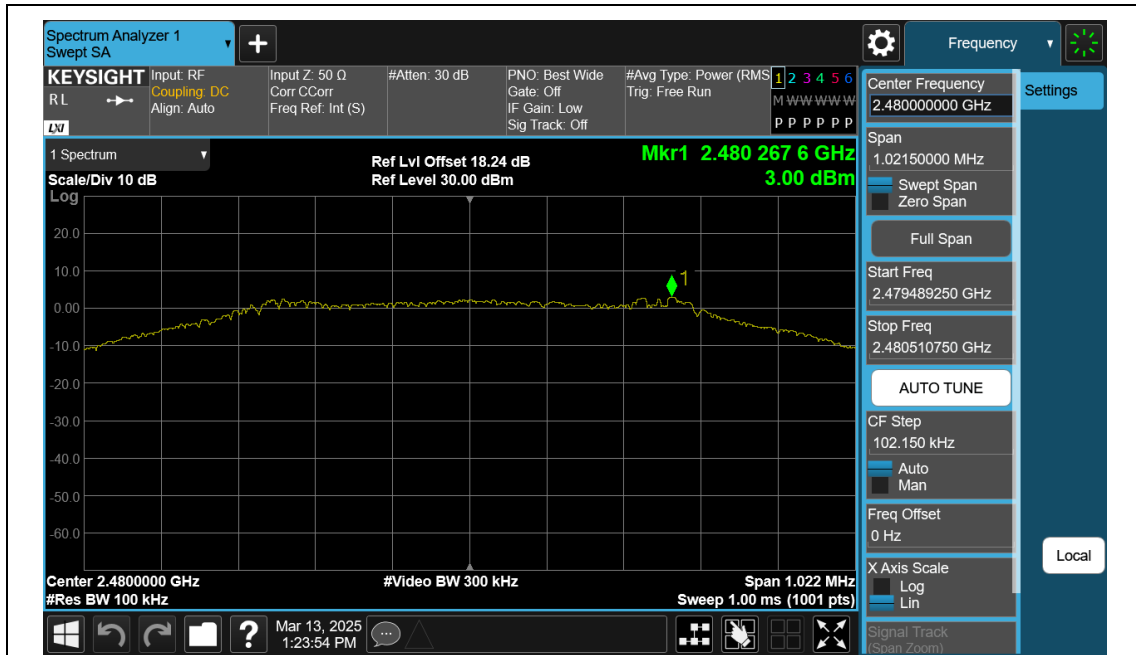
Appendix D: Reference level measurement

Test Result

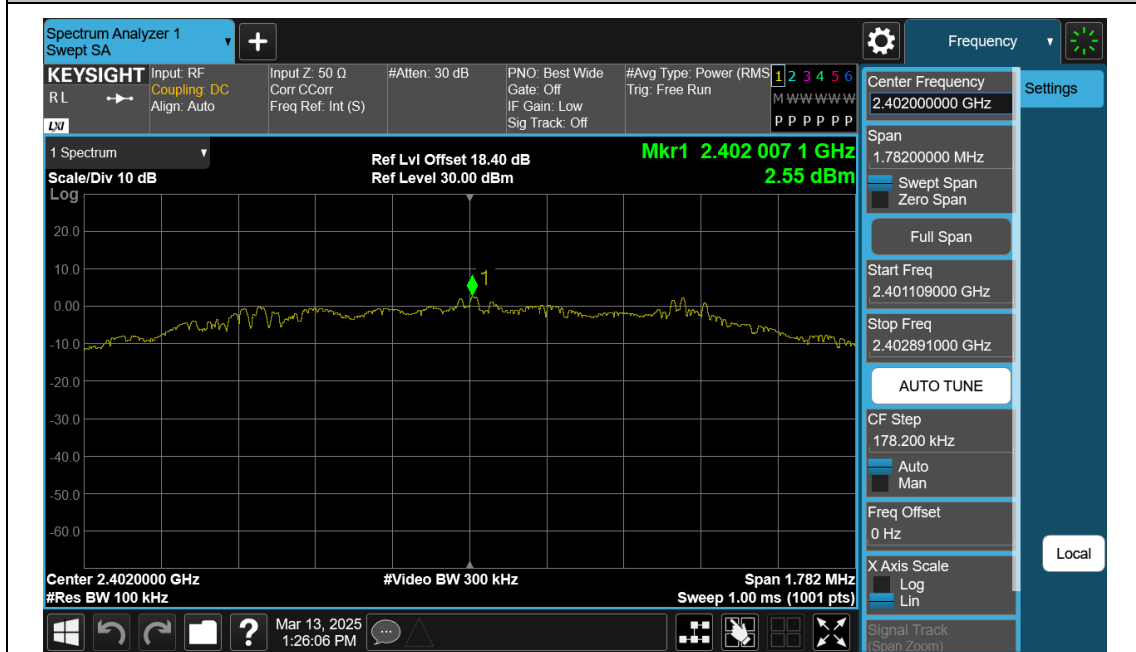
TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
BLE_1M	Ant1	2402	2402.25	3.42
BLE_1M	Ant1	2440	2440.26	3.12
BLE_1M	Ant1	2480	2480.27	3.00
BLE_2M	Ant1	2402	2402.01	2.55
BLE_2M	Ant1	2440	2440.02	2.21
BLE_2M	Ant1	2480	2480.00	2.48

Test Graphs

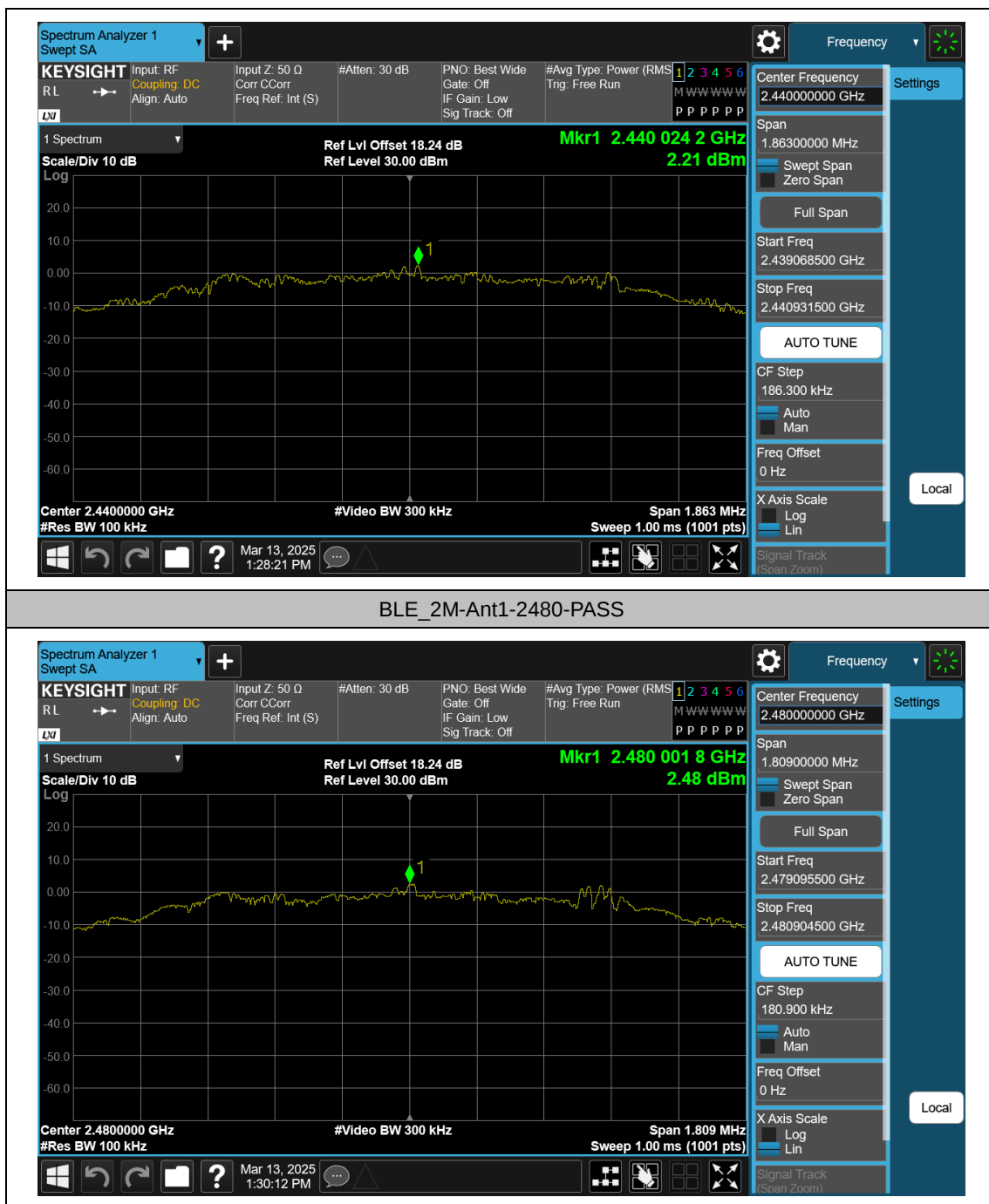




BLE_2M-Ant1-2402-PASS



BLE_2M-Ant1-2440-PASS

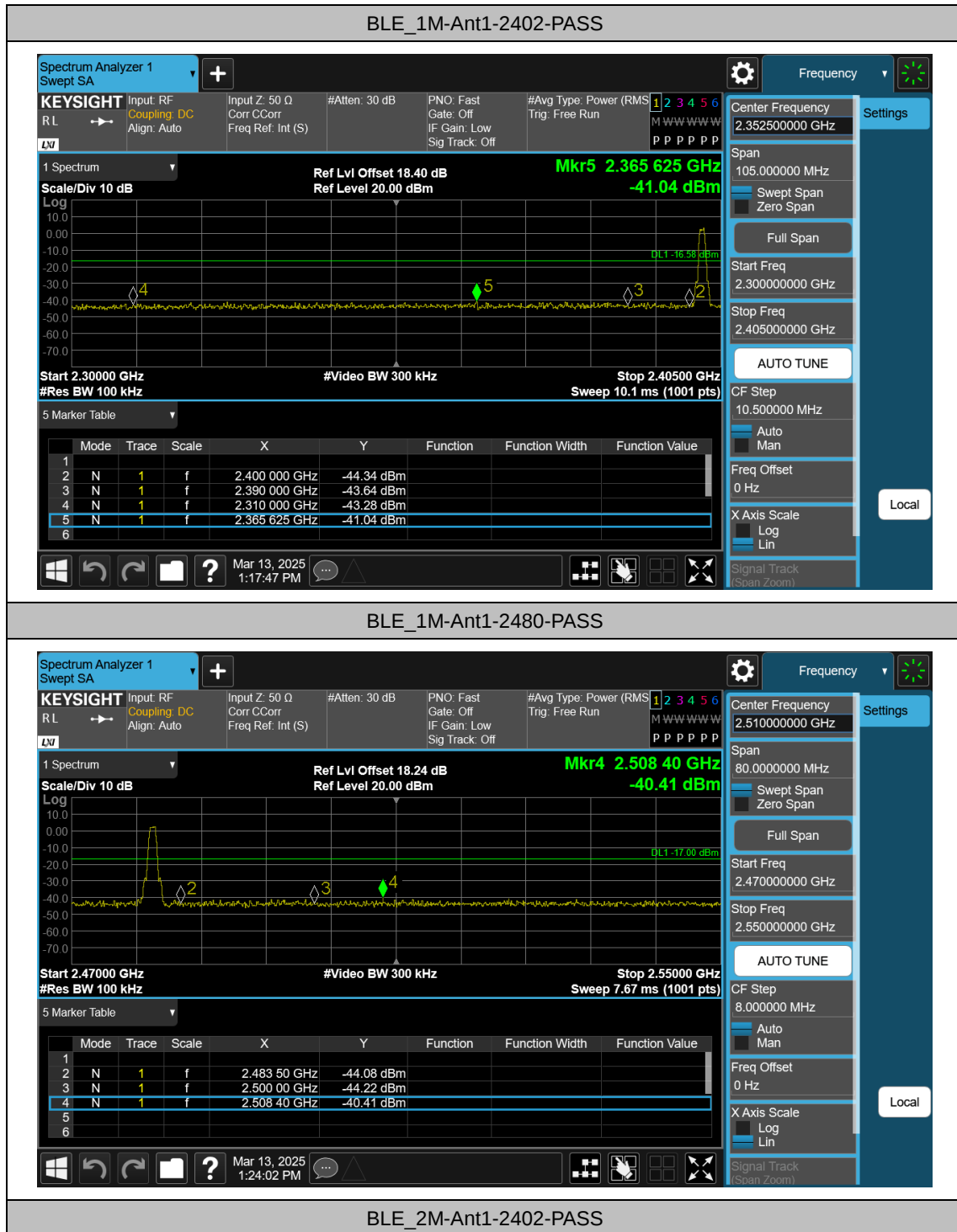


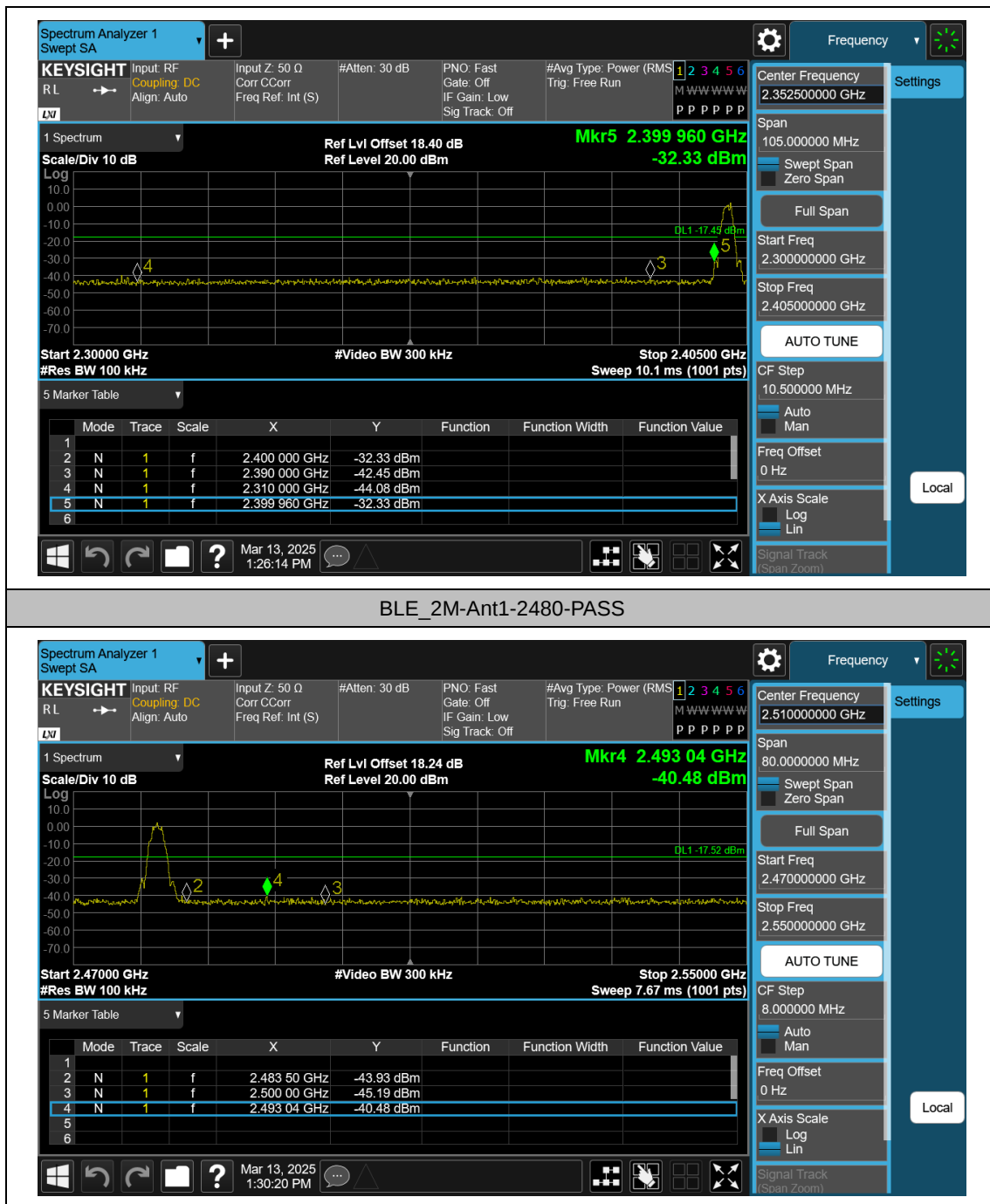
Appendix E: Band edge measurements

Test Result

TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	3.42	-41.04	≤ -16.58	PASS
BLE_1M	Ant1	High	2480	3.00	-40.41	≤ -17	PASS
BLE_2M	Ant1	Low	2402	2.55	-32.33	≤ -17.45	PASS
BLE_2M	Ant1	High	2480	2.48	-40.48	≤ -17.52	PASS

Test Graphs





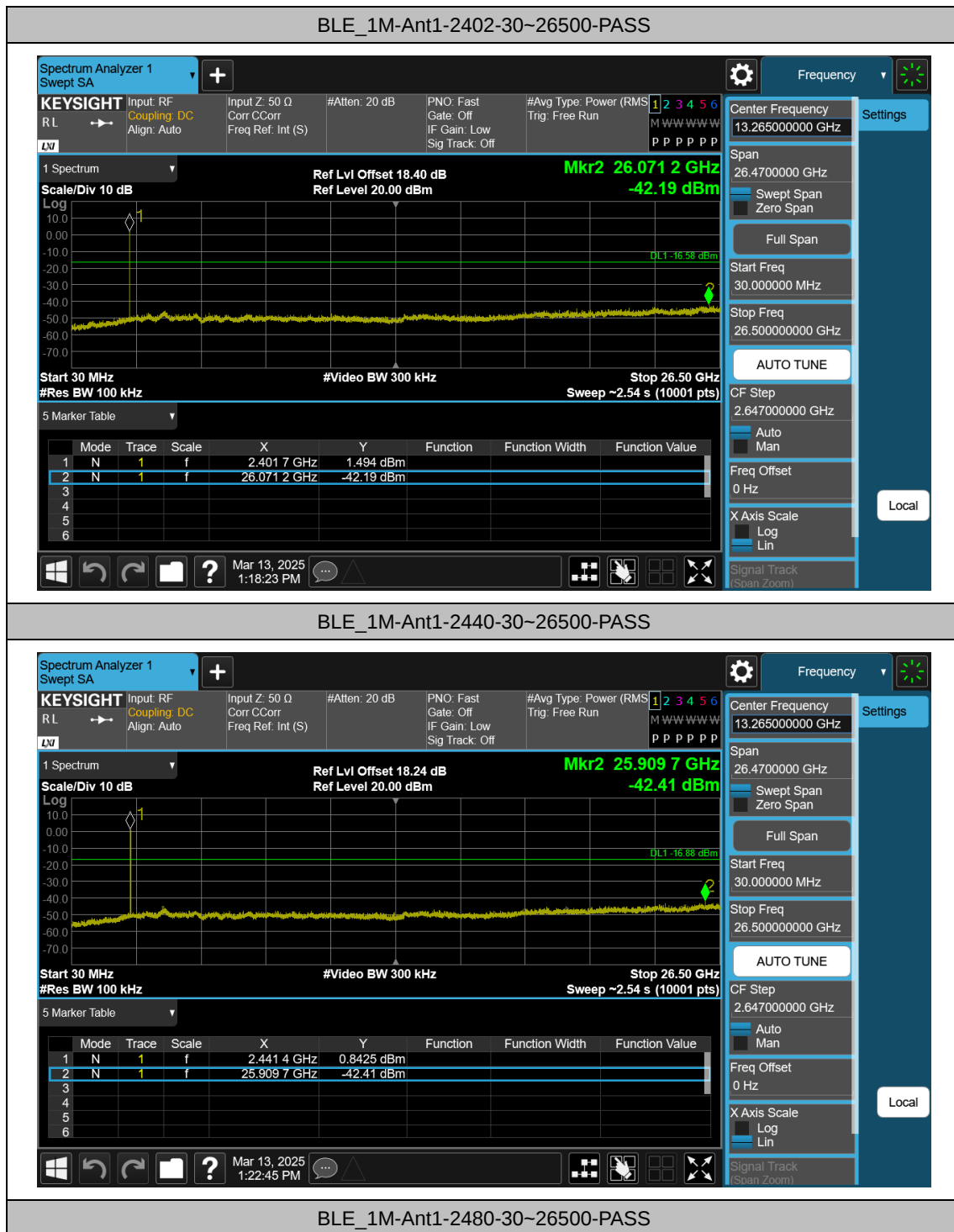
Appendix F: Conducted Spurious Emission

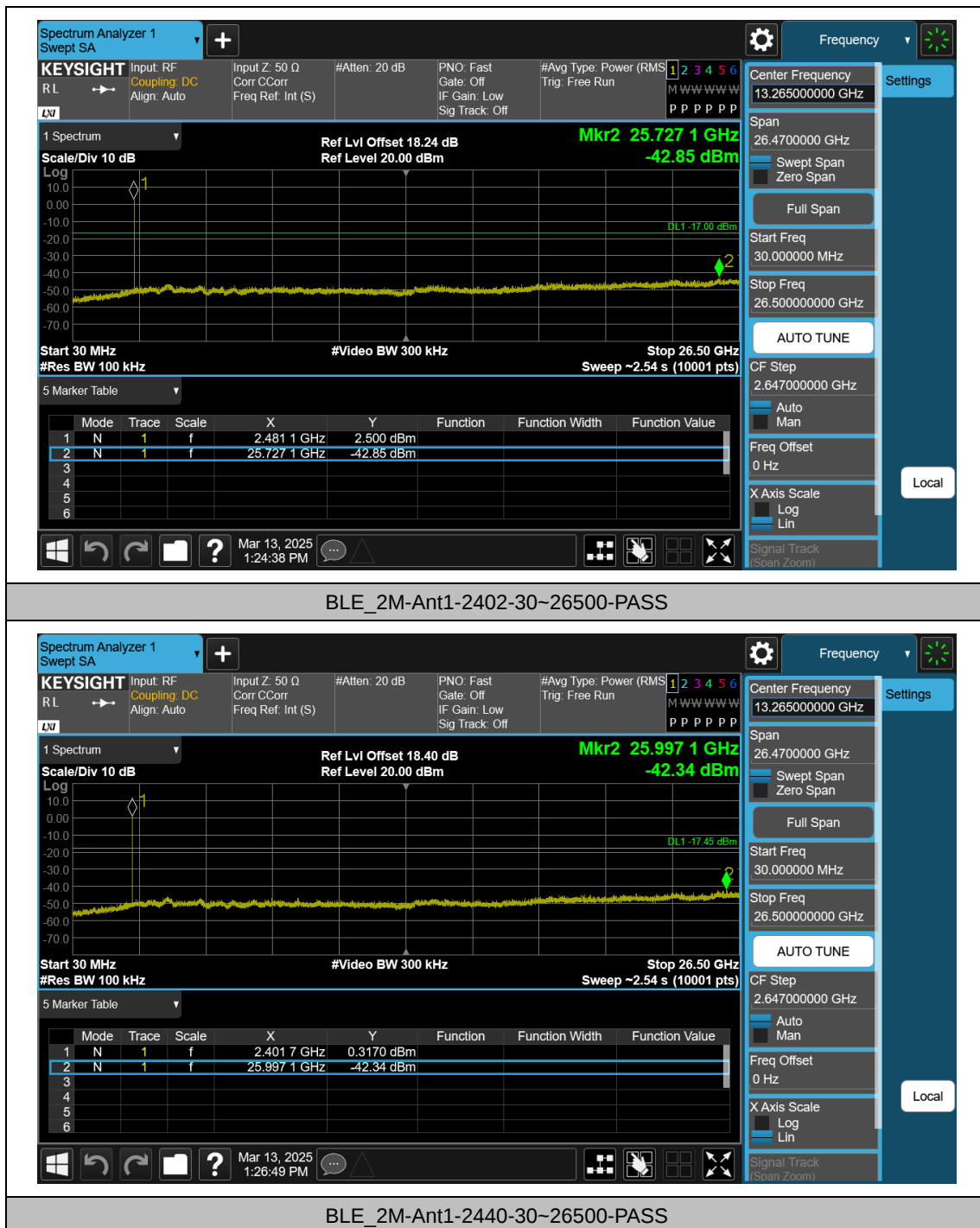
Test Result

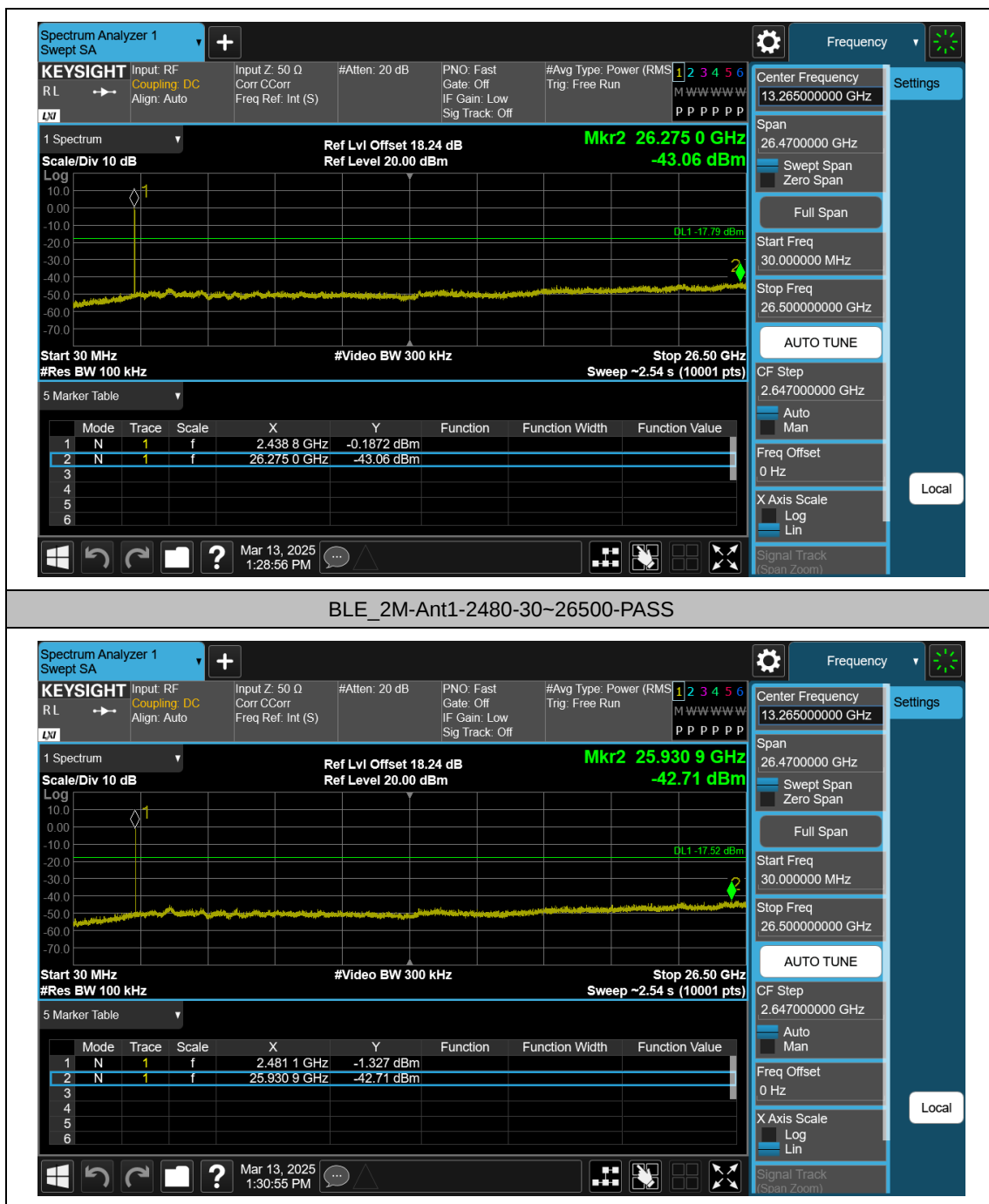
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	30~26500	3.42	-42.19	≤-16.58	PASS
BLE_1M	Ant1	2440	30~26500	3.12	-42.41	≤-16.88	PASS
BLE_1M	Ant1	2480	30~26500	3.00	-42.85	≤-17	PASS
BLE_2M	Ant1	2402	30~26500	2.55	-42.34	≤-17.45	PASS
BLE_2M	Ant1	2440	30~26500	2.21	-43.06	≤-17.79	PASS
BLE_2M	Ant1	2480	30~26500	2.48	-42.71	≤-17.52	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	1.88	56.91	2.45



Test Graphs

