



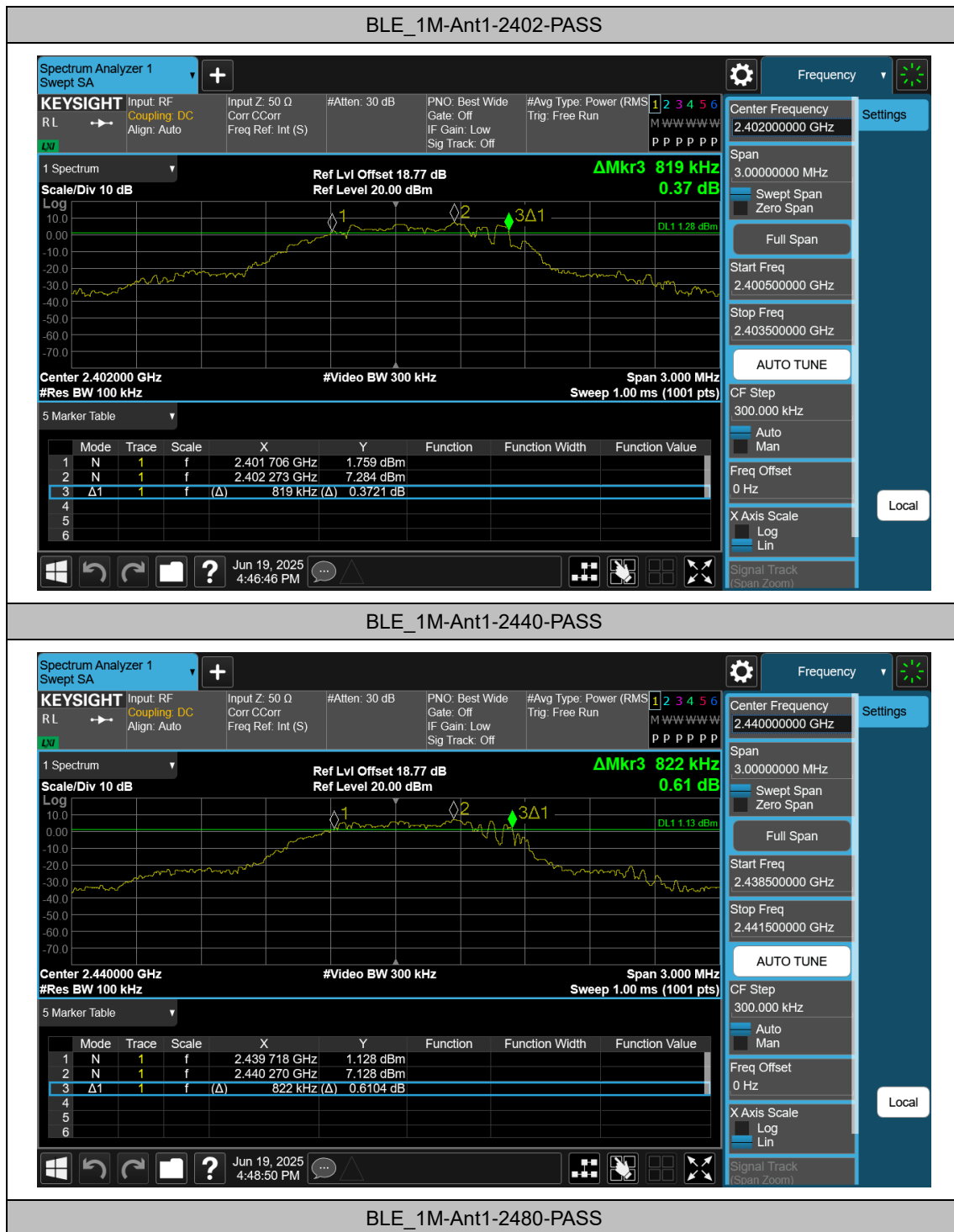
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.819	2401.706	2402.525	0.5	PASS
BLE_1M	Ant1	2440	0.822	2439.718	2440.540	0.5	PASS
BLE_1M	Ant1	2480	0.831	2479.712	2480.543	0.5	PASS
BLE_2M	Ant1	2402	1.242	2401.484	2402.726	0.5	PASS
BLE_2M	Ant1	2440	1.332	2439.460	2440.792	0.5	PASS
BLE_2M	Ant1	2480	1.224	2479.502	2480.726	0.5	PASS



Test Graphs

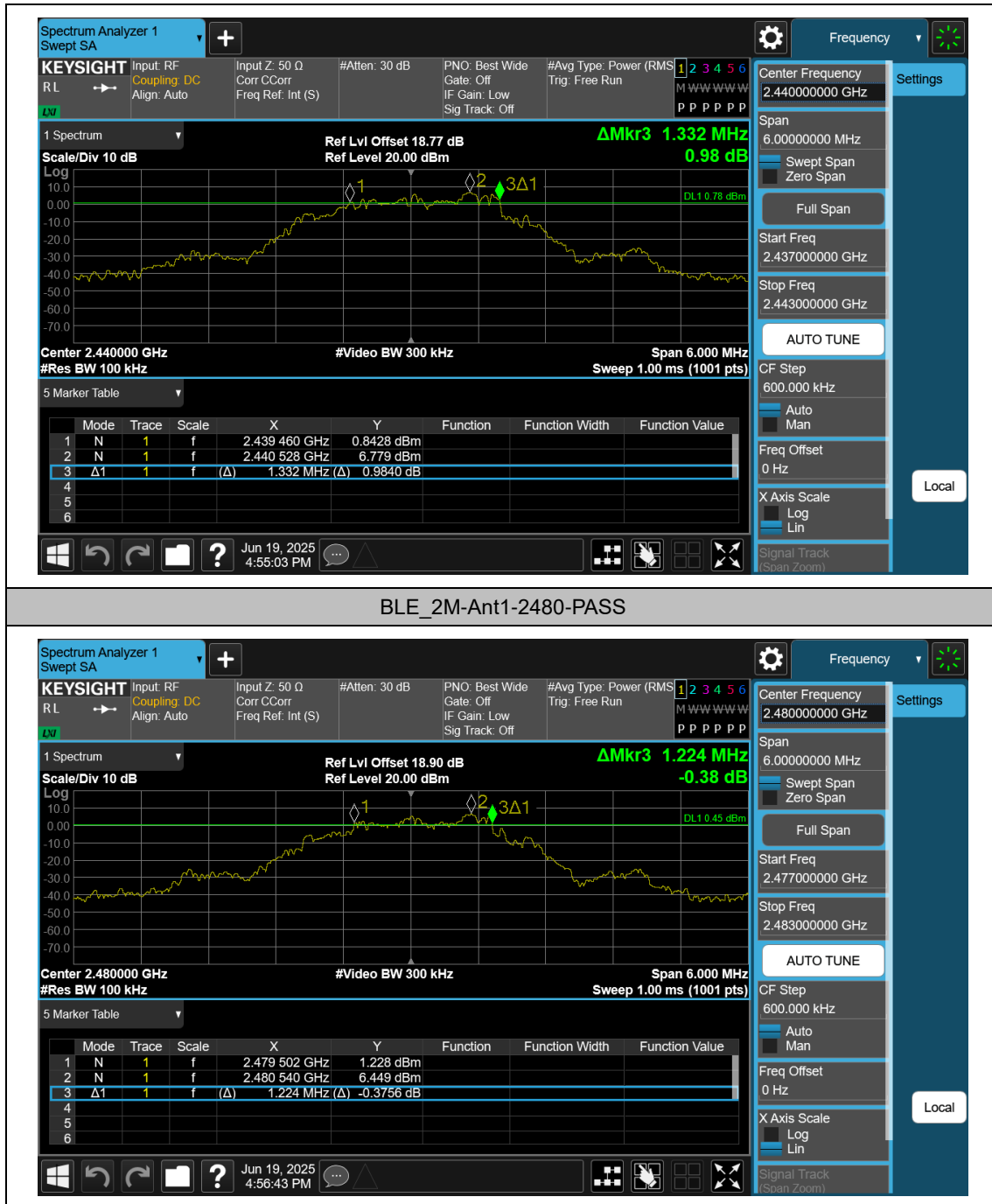




BLE_2M-Ant1-2402-PASS



BLE_2M-Ant1-2440-PASS



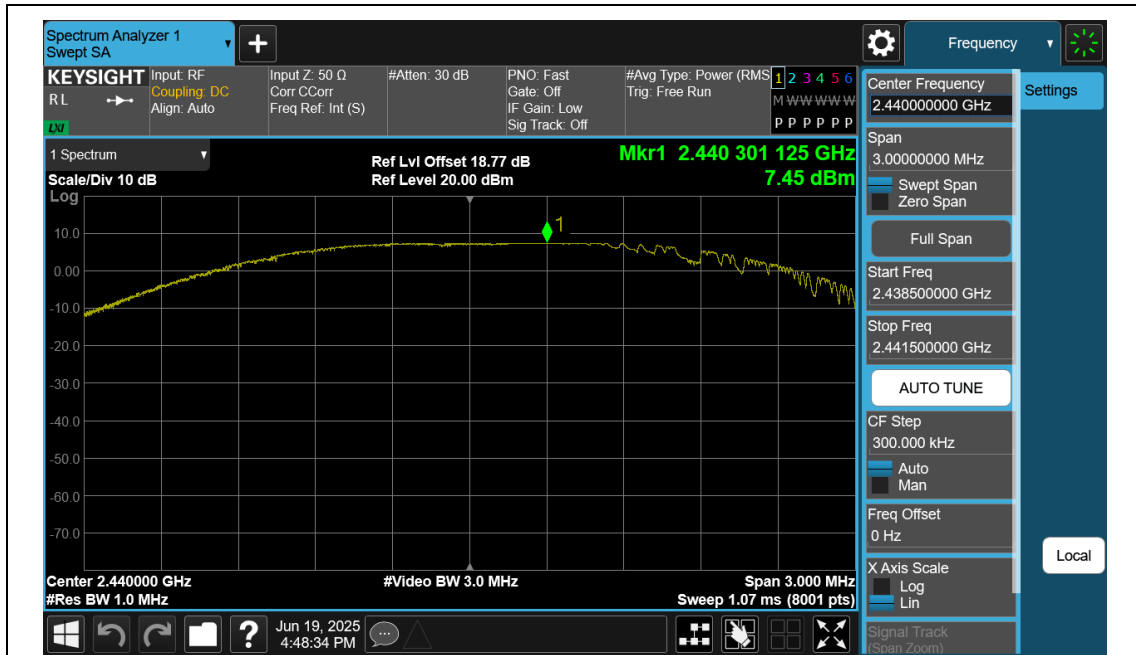
Appendix B: Maximum conducted output power

Test Result Peak

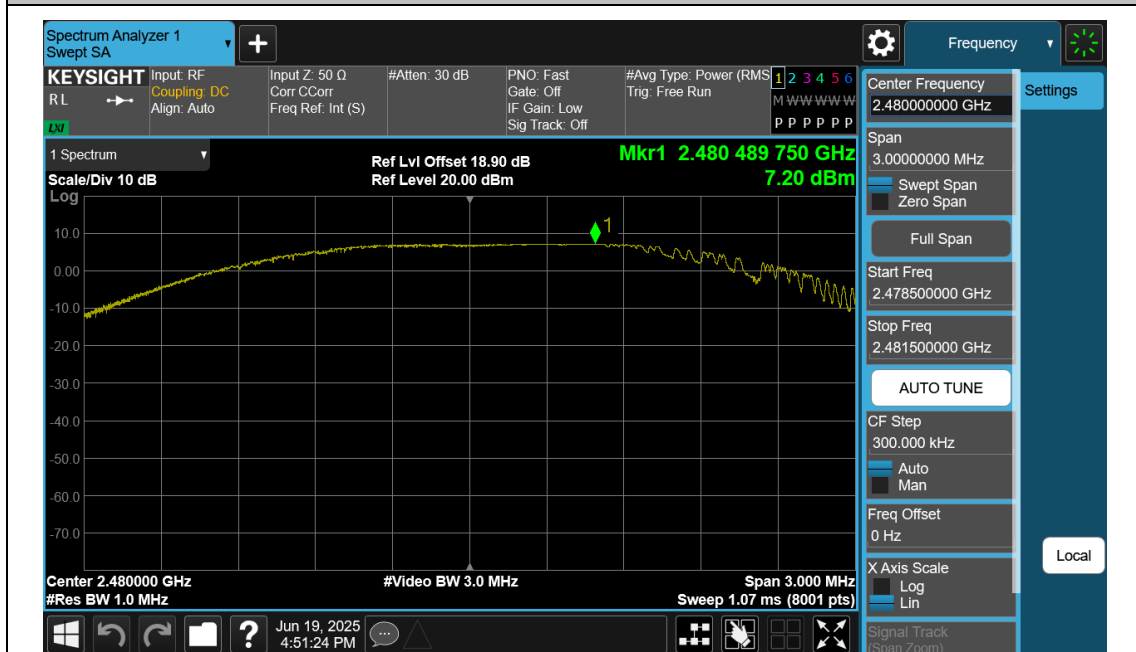
TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	7.59	≤30	PASS
BLE_1M	Ant1	2440	7.45	≤30	PASS
BLE_1M	Ant1	2480	7.20	≤30	PASS
BLE_2M	Ant1	2402	7.63	≤30	PASS
BLE_2M	Ant1	2440	7.48	≤30	PASS
BLE_2M	Ant1	2480	7.21	≤30	PASS

Test Graphs Peak

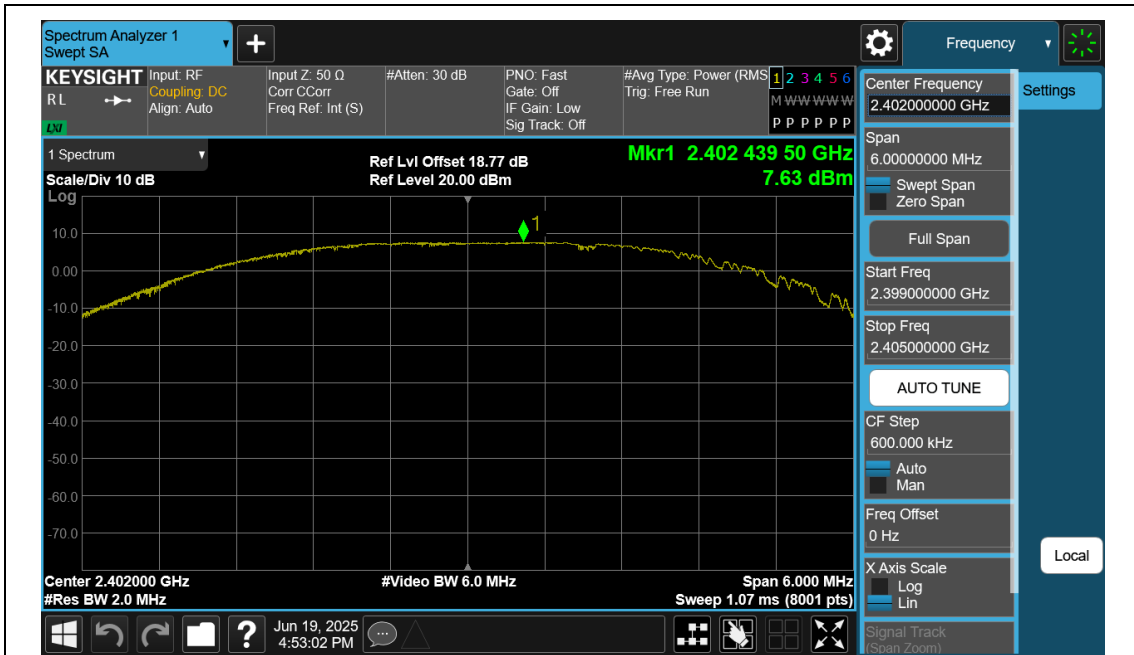




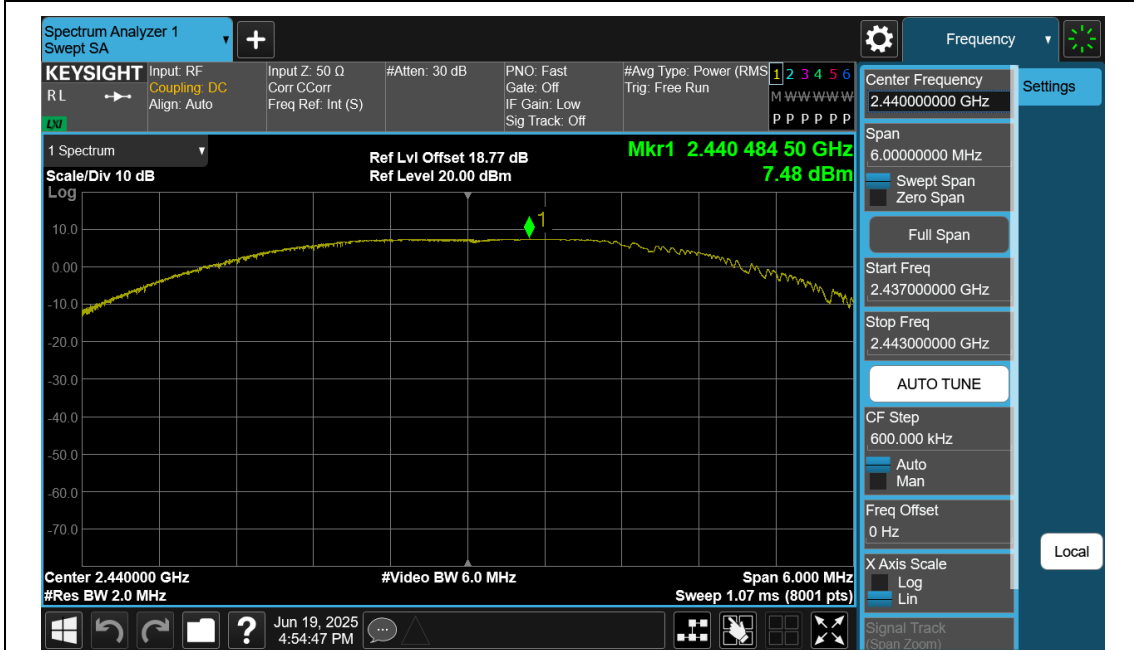
BLE_1M-Ant1-2480-PASS



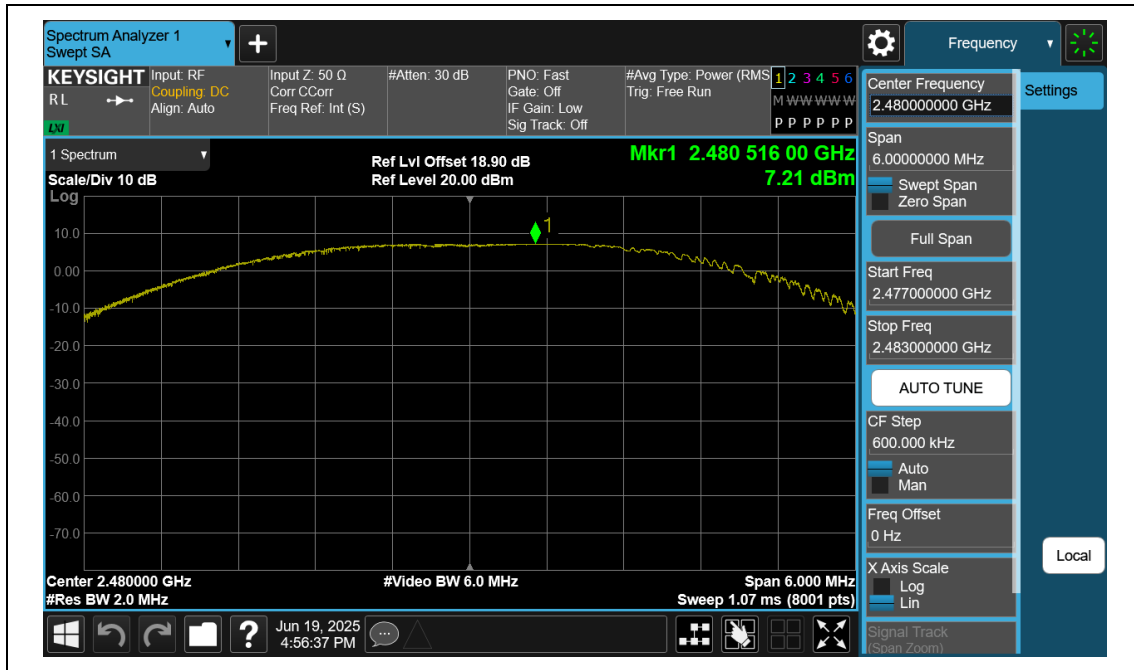
BLE_2M-Ant1-2402-PASS



BLE_2M-Ant1-2440-PASS



BLE_2M-Ant1-2480-PASS



Appendix C: Maximum power spectral density

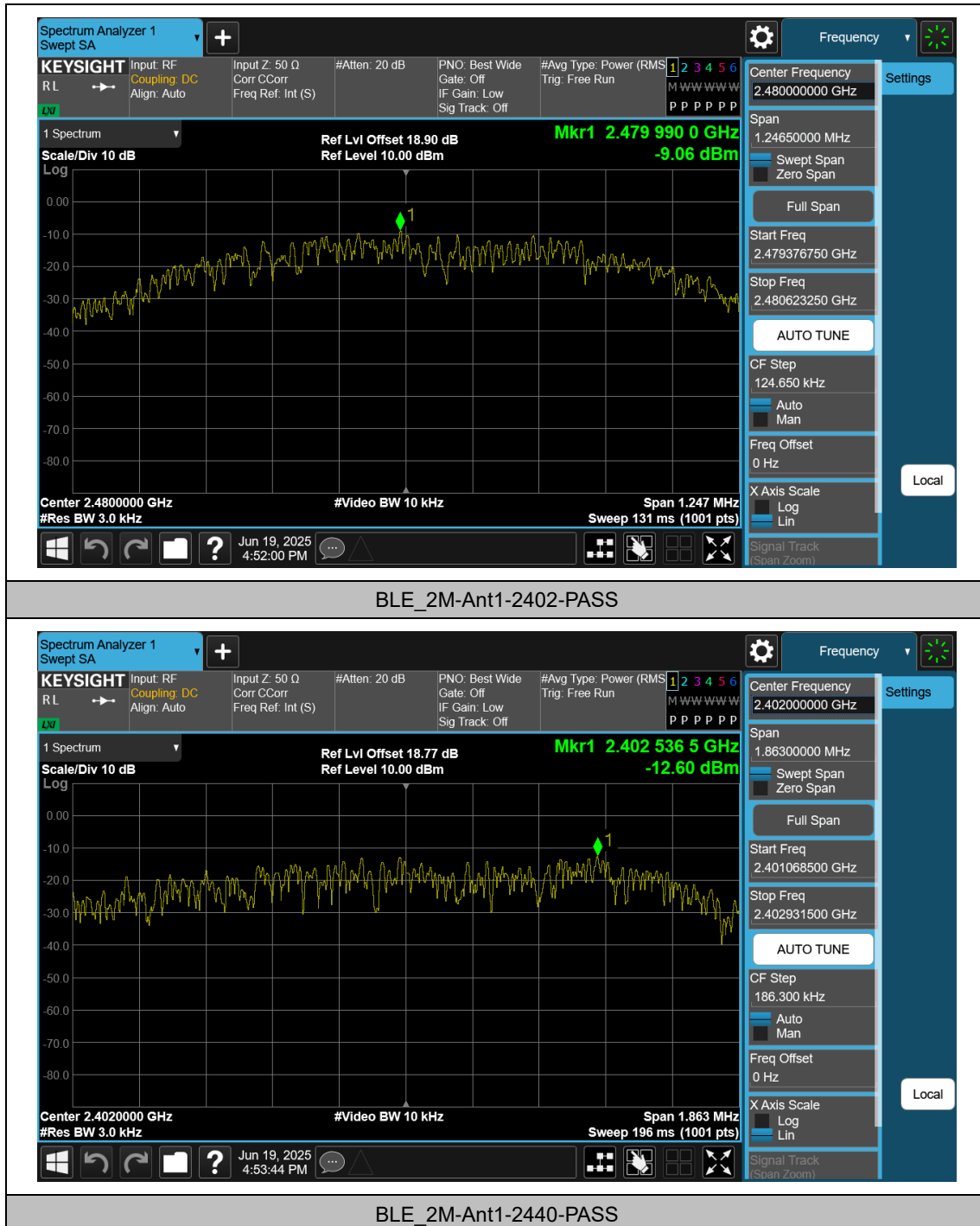
Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-9.97	≤8.00	PASS
BLE_1M	Ant1	2440	-9.66	≤8.00	PASS
BLE_1M	Ant1	2480	-9.06	≤8.00	PASS
BLE_2M	Ant1	2402	-12.60	≤8.00	PASS
BLE_2M	Ant1	2440	-12.77	≤8.00	PASS
BLE_2M	Ant1	2480	-12.94	≤8.00	PASS



Test Graphs







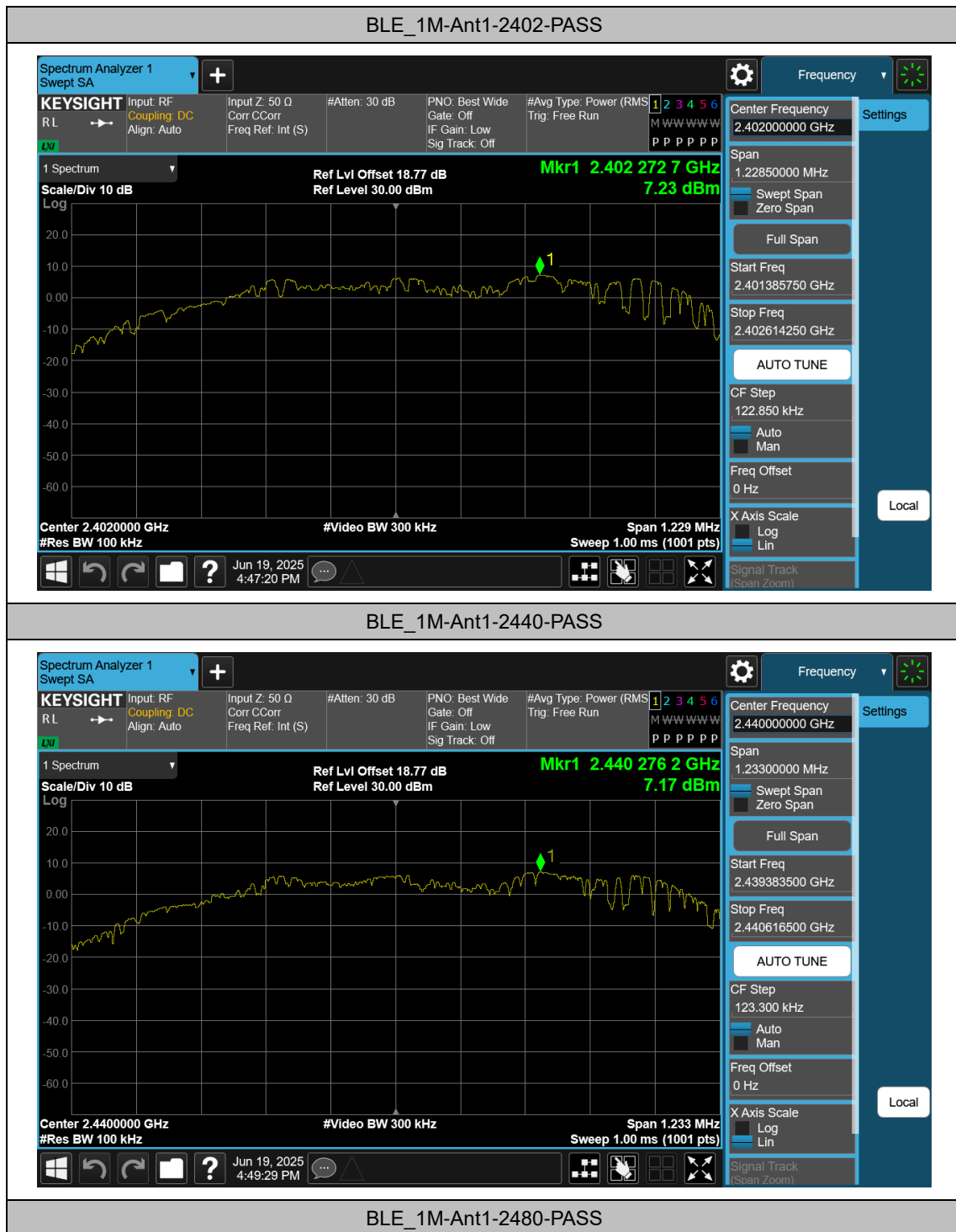
Appendix D: Reference level measurement

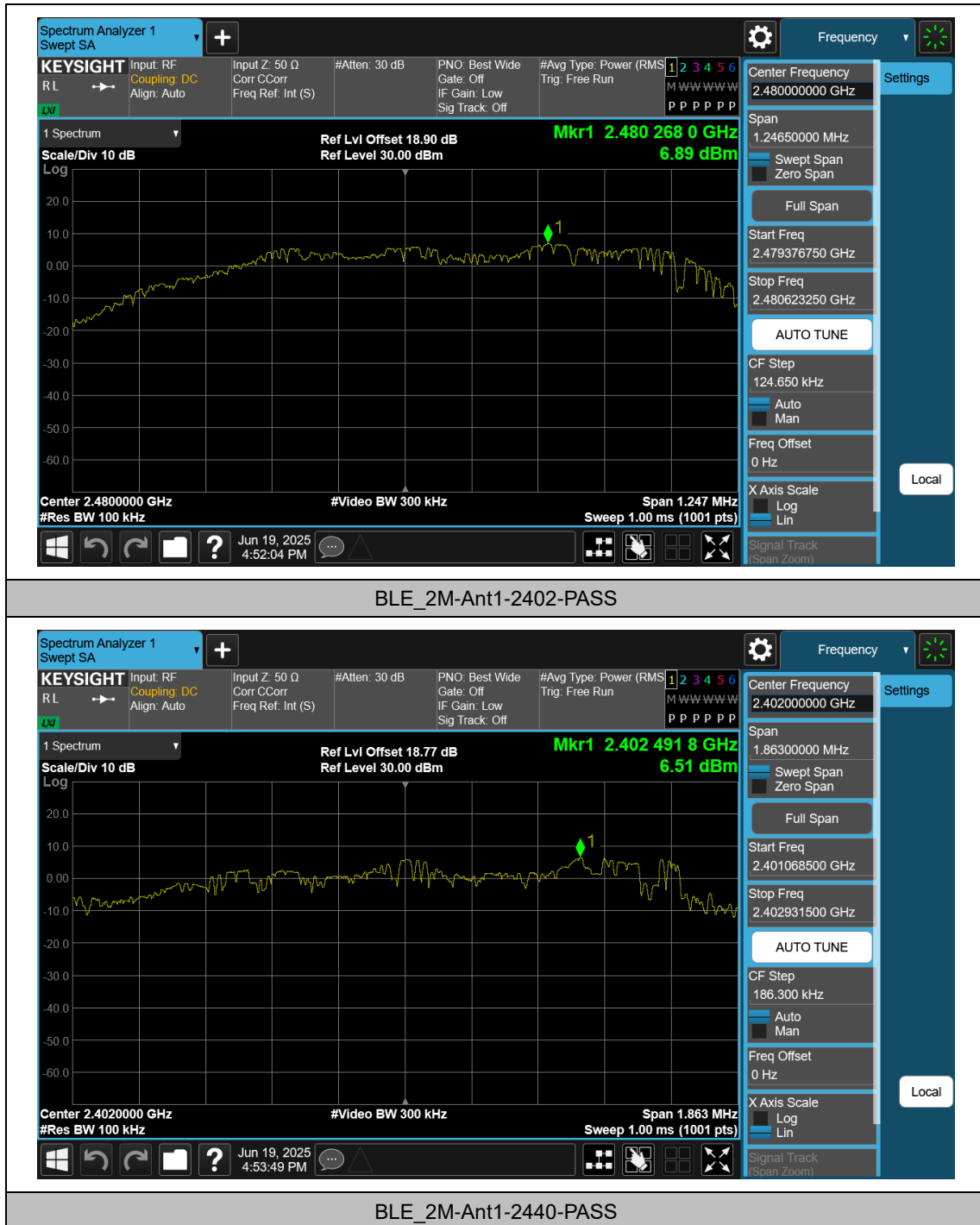
Test Result

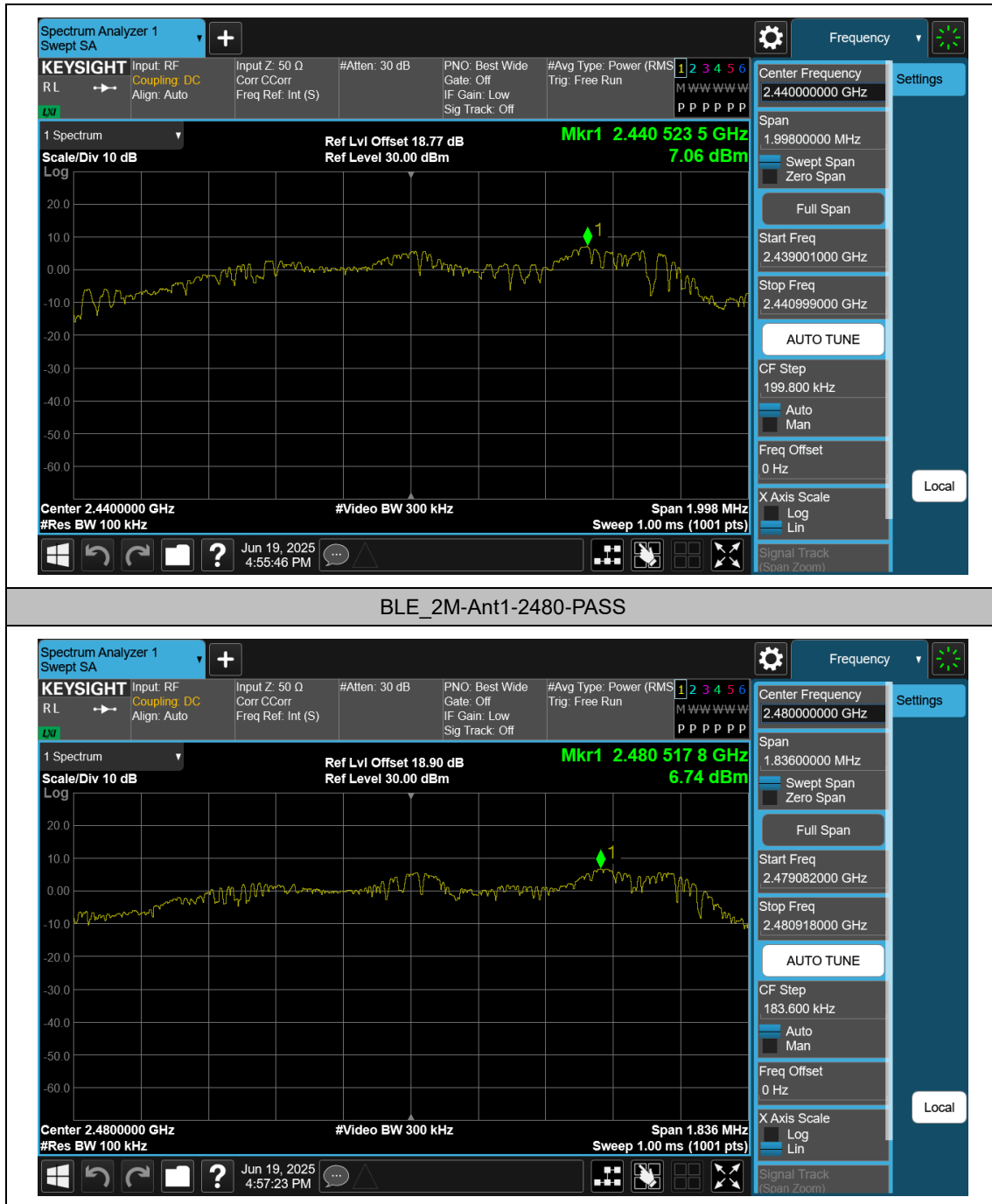
TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
BLE_1M	Ant1	2402	2402.27	7.23
BLE_1M	Ant1	2440	2440.28	7.17
BLE_1M	Ant1	2480	2480.27	6.89
BLE_2M	Ant1	2402	2402.49	6.51
BLE_2M	Ant1	2440	2440.52	7.06
BLE_2M	Ant1	2480	2480.52	6.74



Test Graphs







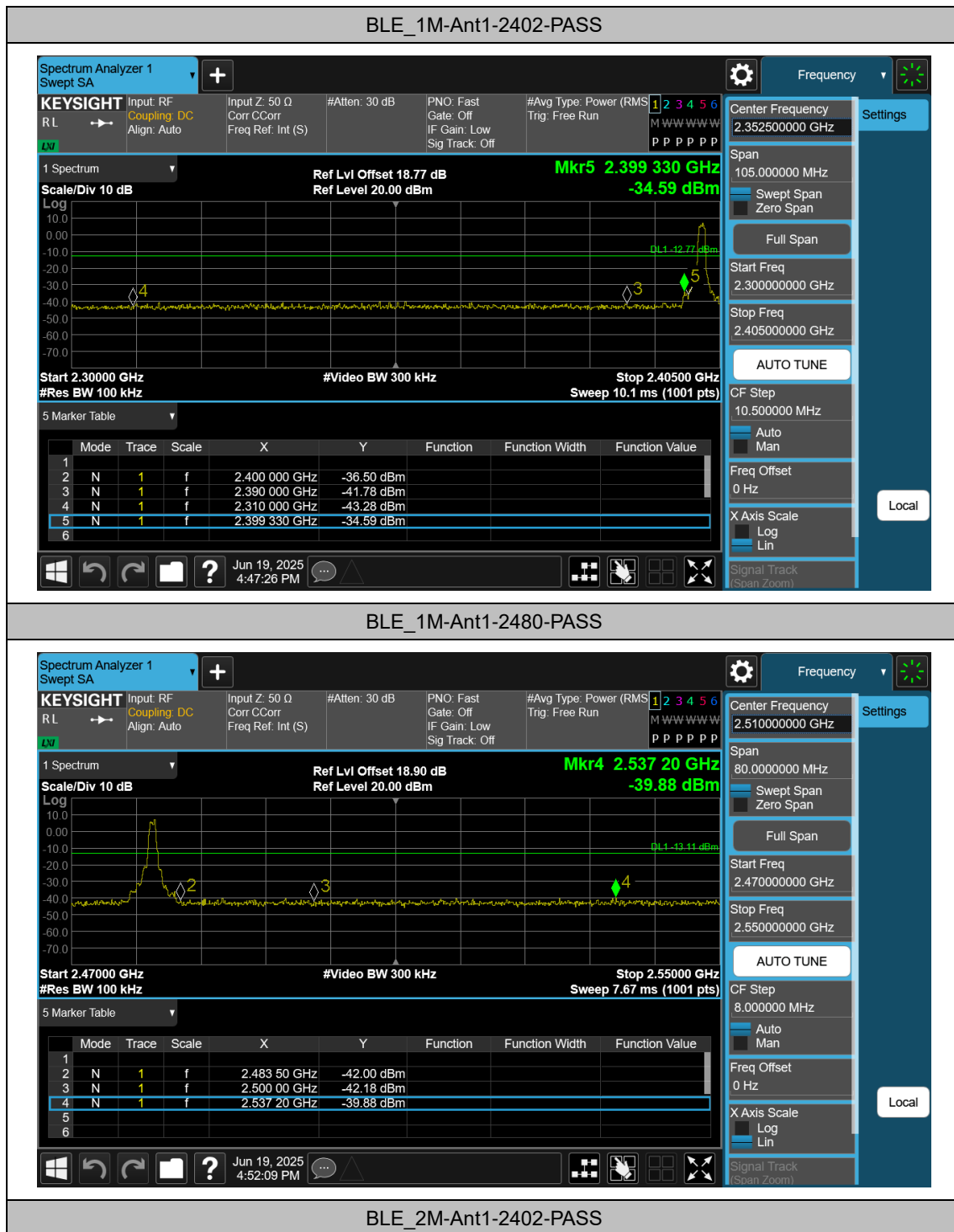
Appendix E: Band edge measurements

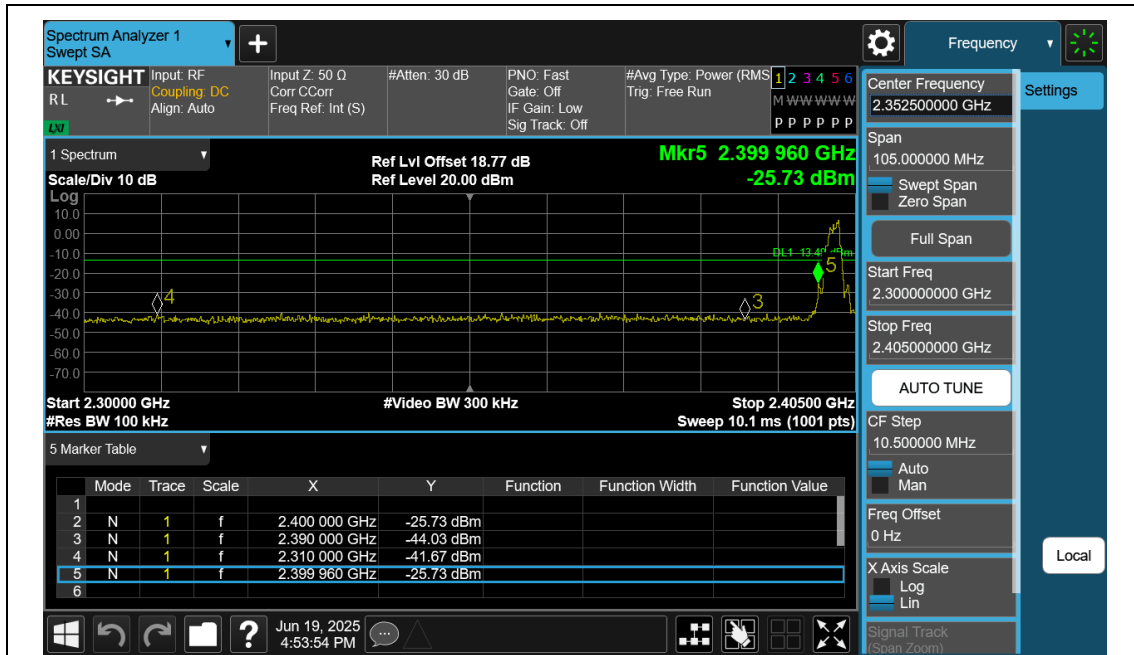
Test Result

TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	7.23	-34.59	≤-12.77	PASS
BLE_1M	Ant1	High	2480	6.89	-39.88	≤-13.11	PASS
BLE_2M	Ant1	Low	2402	6.51	-25.73	≤-13.49	PASS
BLE_2M	Ant1	High	2480	6.74	-39.76	≤-13.26	PASS

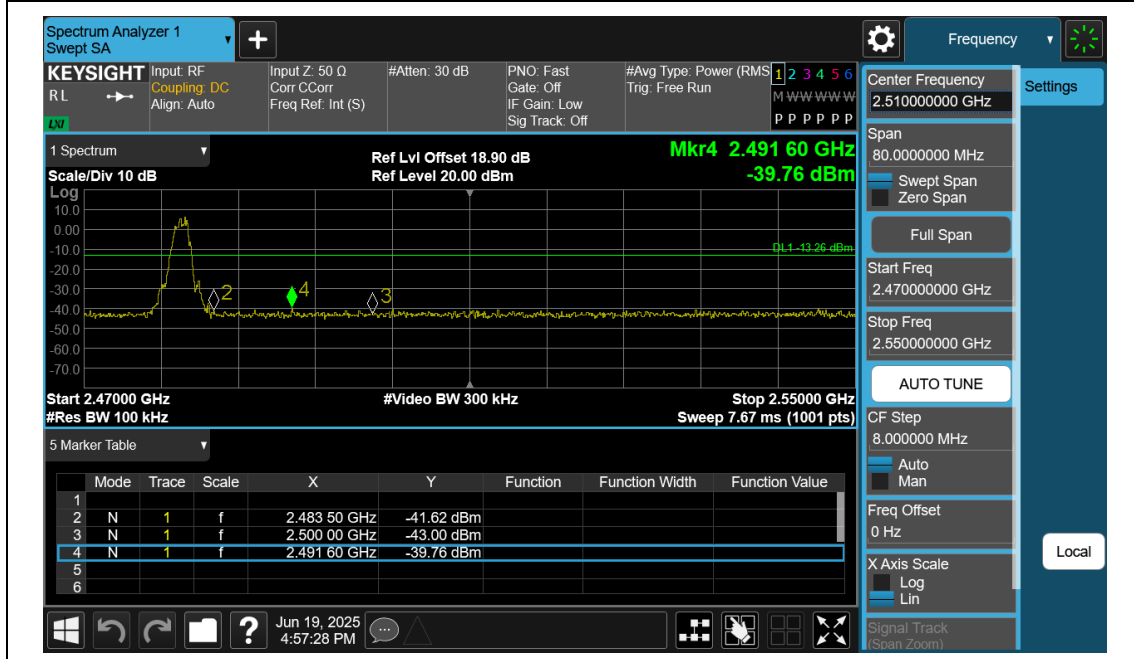


Test Graphs





BLE_2M-Ant1-2480-PASS



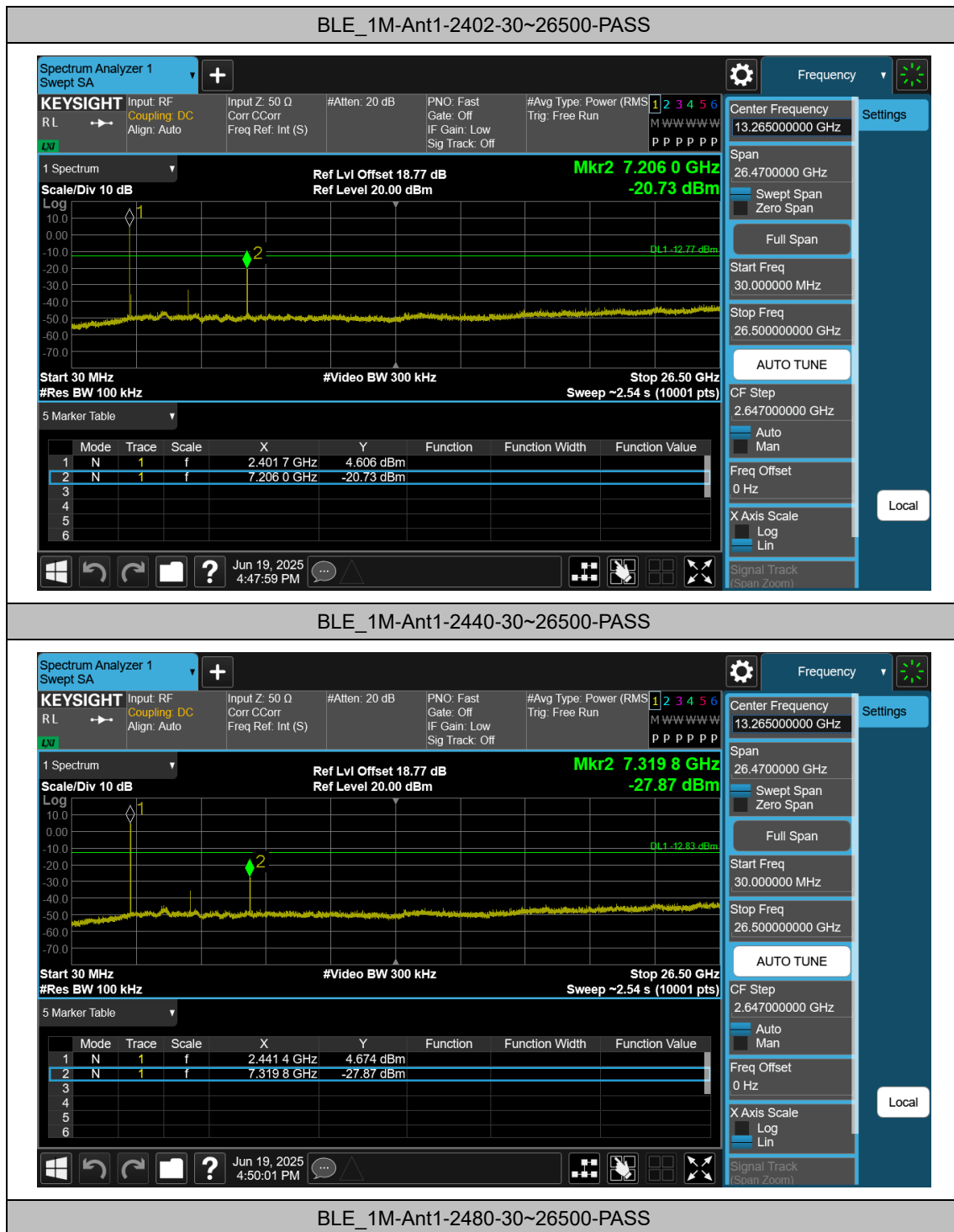
Appendix F: Conducted Spurious Emission

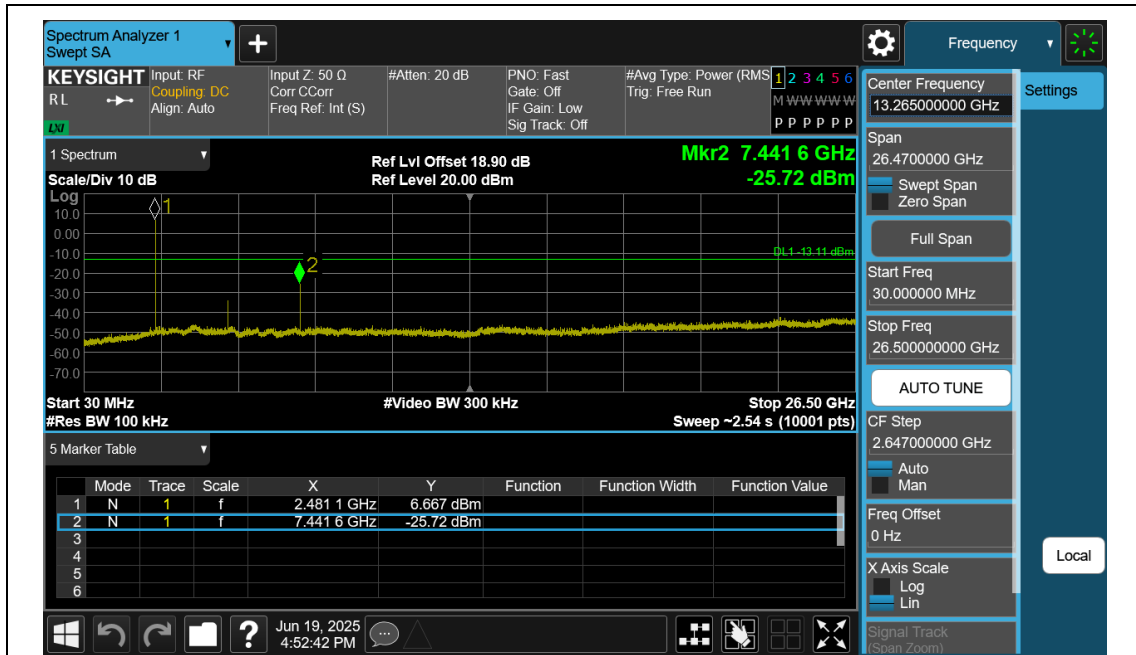
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	30~26500	7.23	-20.73	≤-12.77	PASS
BLE_1M	Ant1	2440	30~26500	7.17	-27.87	≤-12.83	PASS
BLE_1M	Ant1	2480	30~26500	6.89	-25.72	≤-13.11	PASS
BLE_2M	Ant1	2402	30~26500	6.51	-23.79	≤-13.49	PASS
BLE_2M	Ant1	2440	30~26500	7.06	-25.92	≤-12.94	PASS
BLE_2M	Ant1	2480	30~26500	6.74	-26.93	≤-13.26	PASS

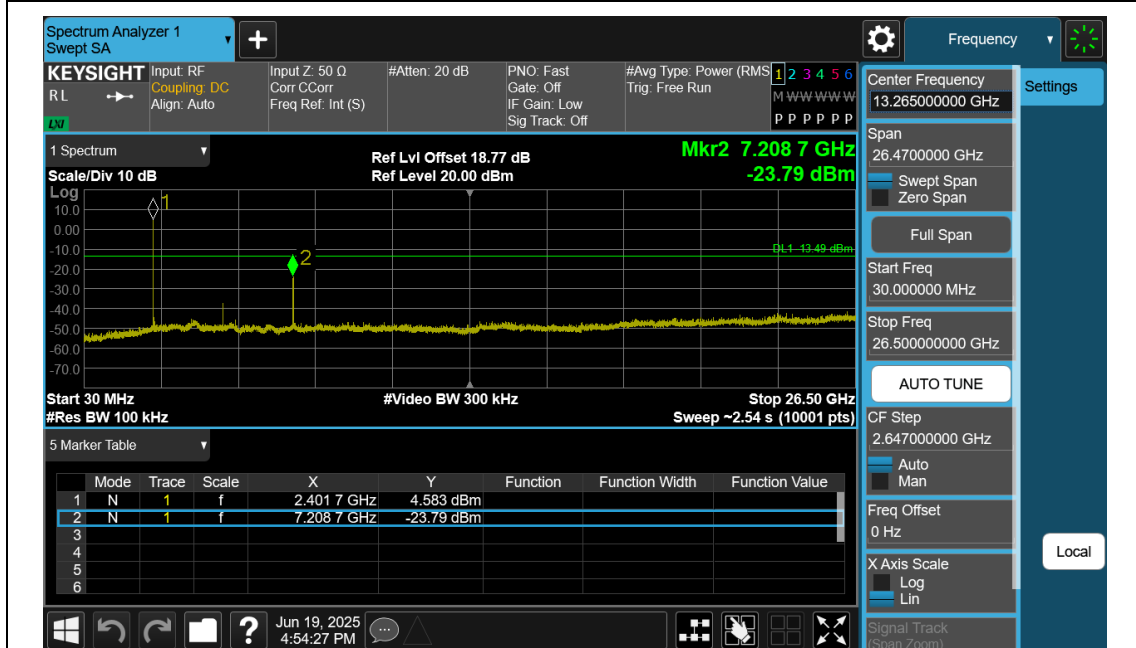


Test Graphs

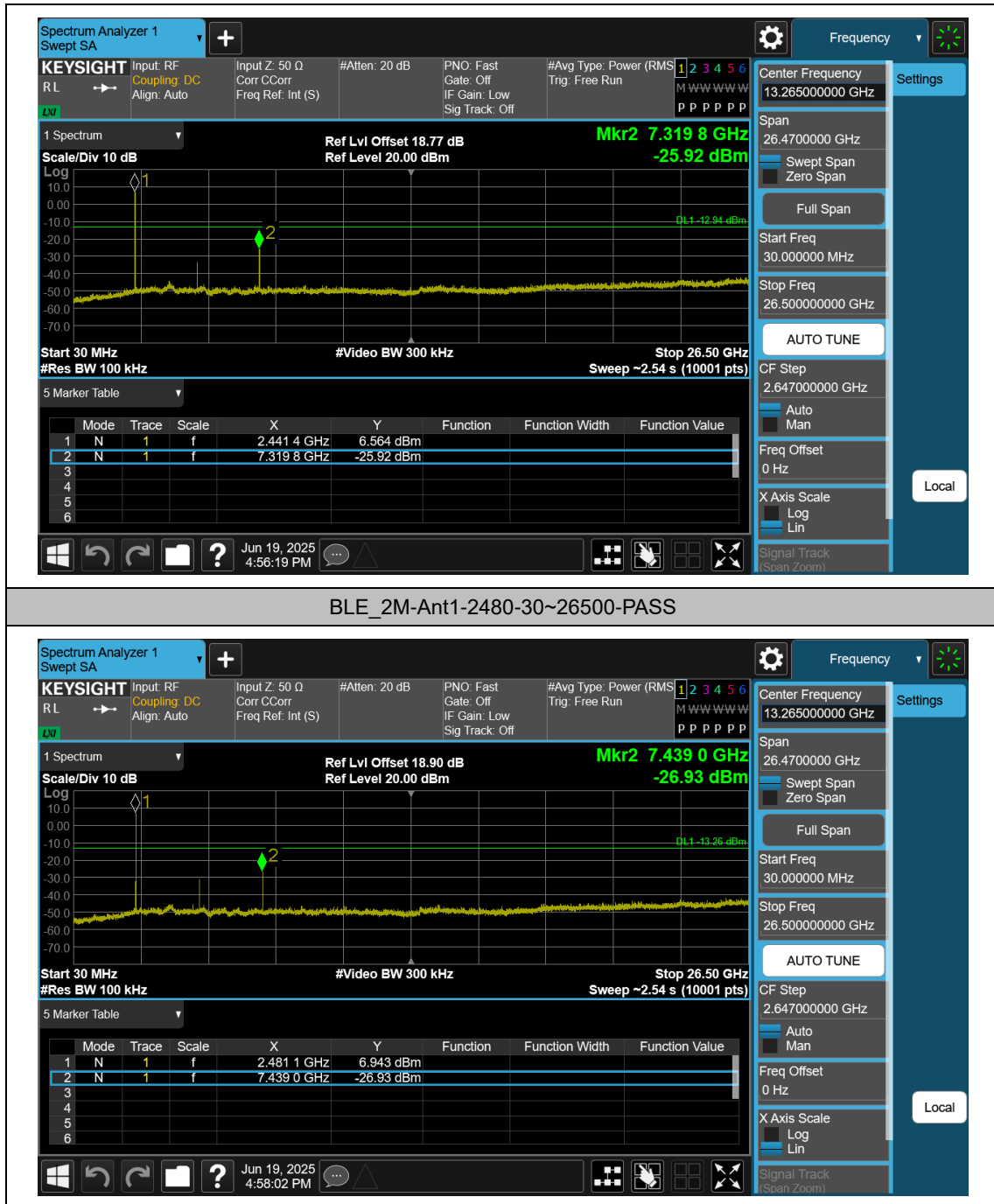




BLE_2M-Ant1-2402-30~26500-PASS



BLE_2M-Ant1-2440-30~26500-PASS



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	0.27	0.63	42.86	3.68
BLE_2M	Ant1	2440	0.16	0.64	25.00	6.02



Test Graphs

