



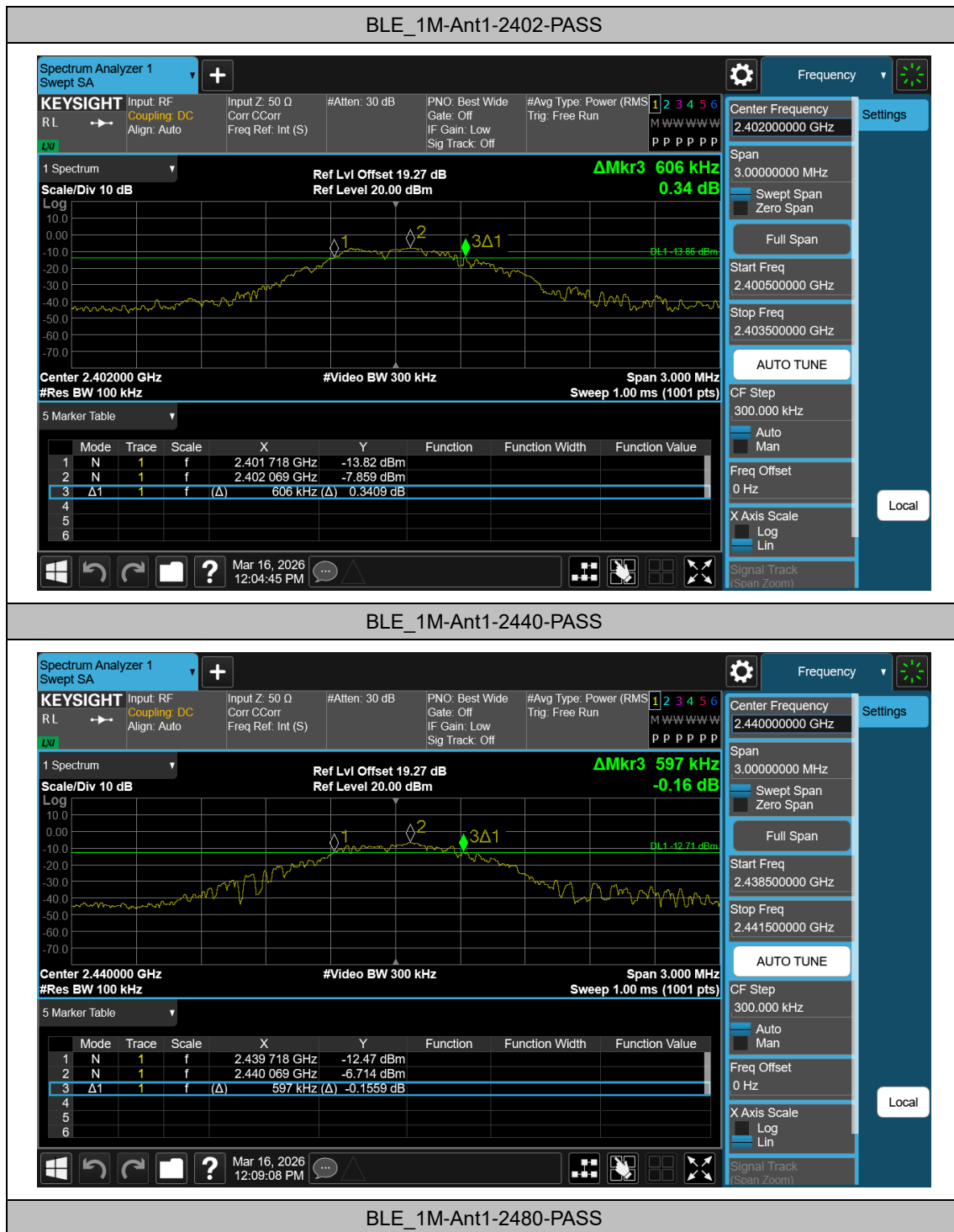
Appendix A: DTS Bandwidth

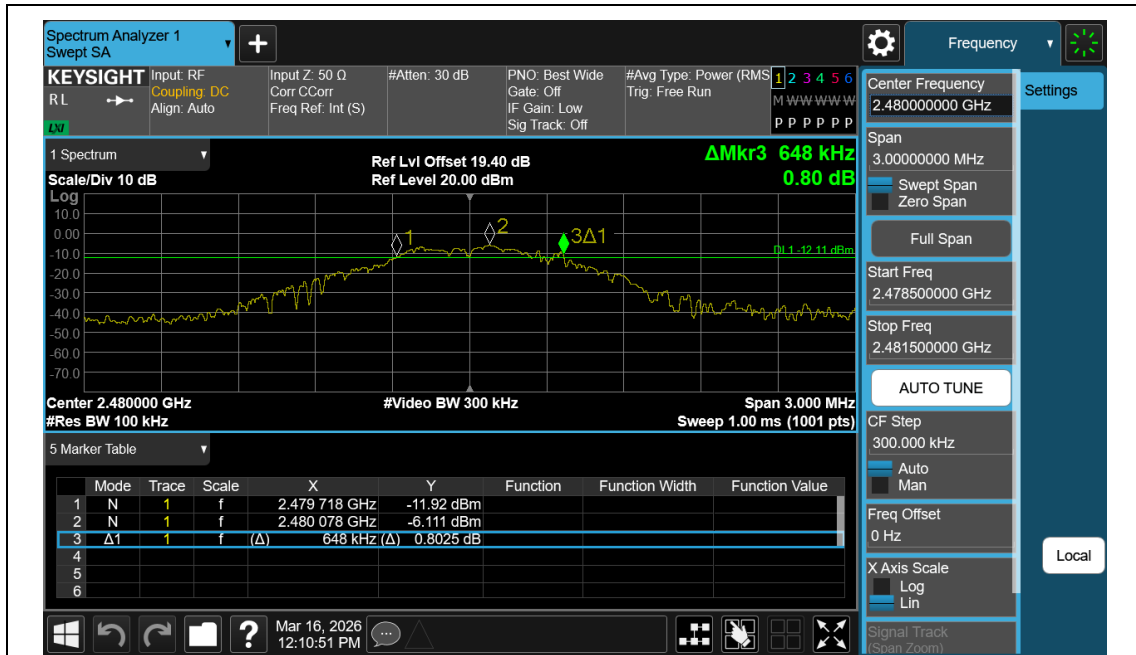
Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.606	2401.718	2402.324	0.5	PASS
BLE_1M	Ant1	2440	0.597	2439.718	2440.315	0.5	PASS
BLE_1M	Ant1	2480	0.648	2479.718	2480.366	0.5	PASS
BLE_2M	Ant1	2402	0.888	2401.586	2402.474	0.5	PASS
BLE_2M	Ant1	2440	0.750	2439.580	2440.330	0.5	PASS
BLE_2M	Ant1	2480	0.906	2479.424	2480.330	0.5	PASS



Test Graphs

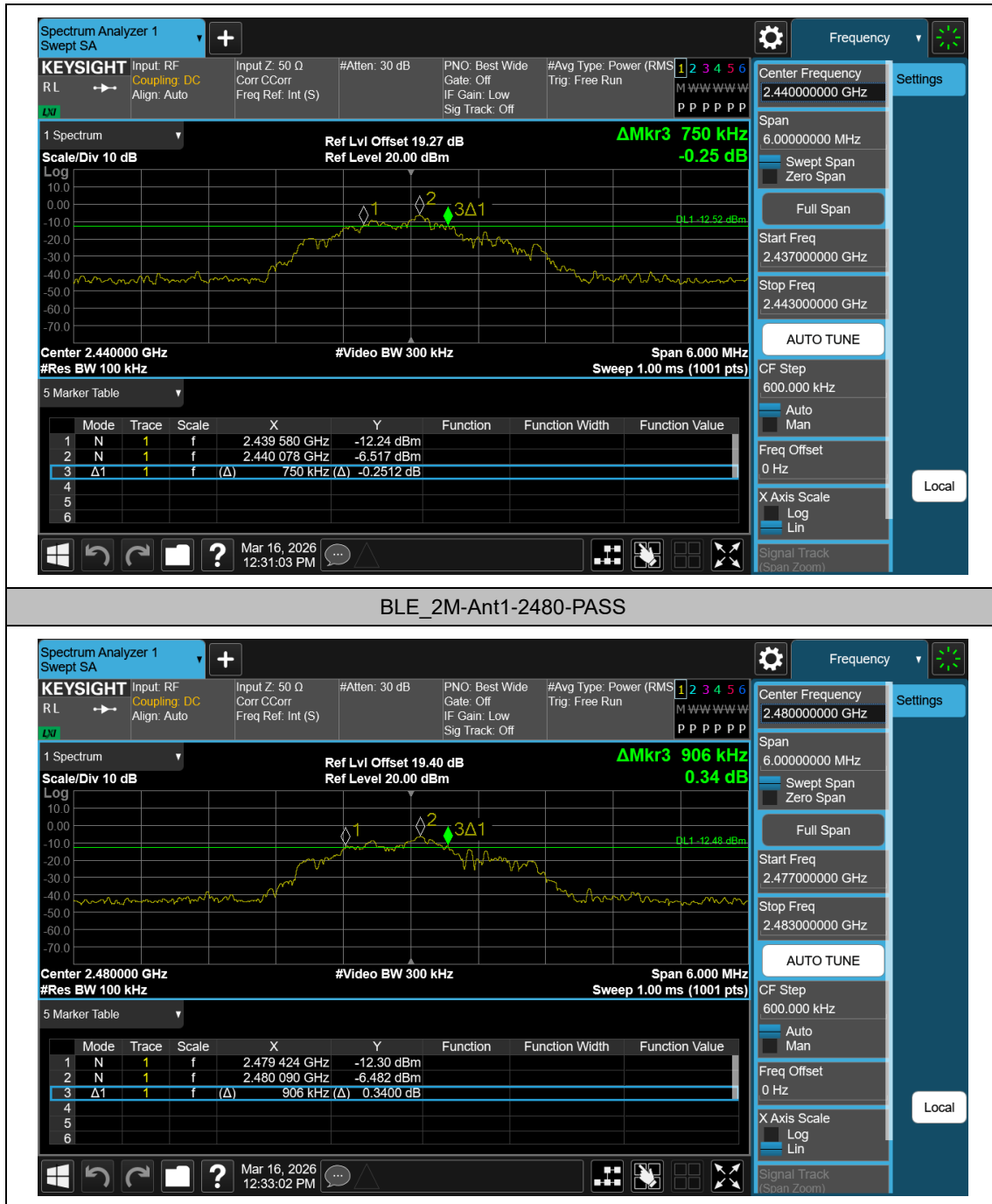




BLE_2M-Ant1-2402-PASS



BLE_2M-Ant1-2440-PASS



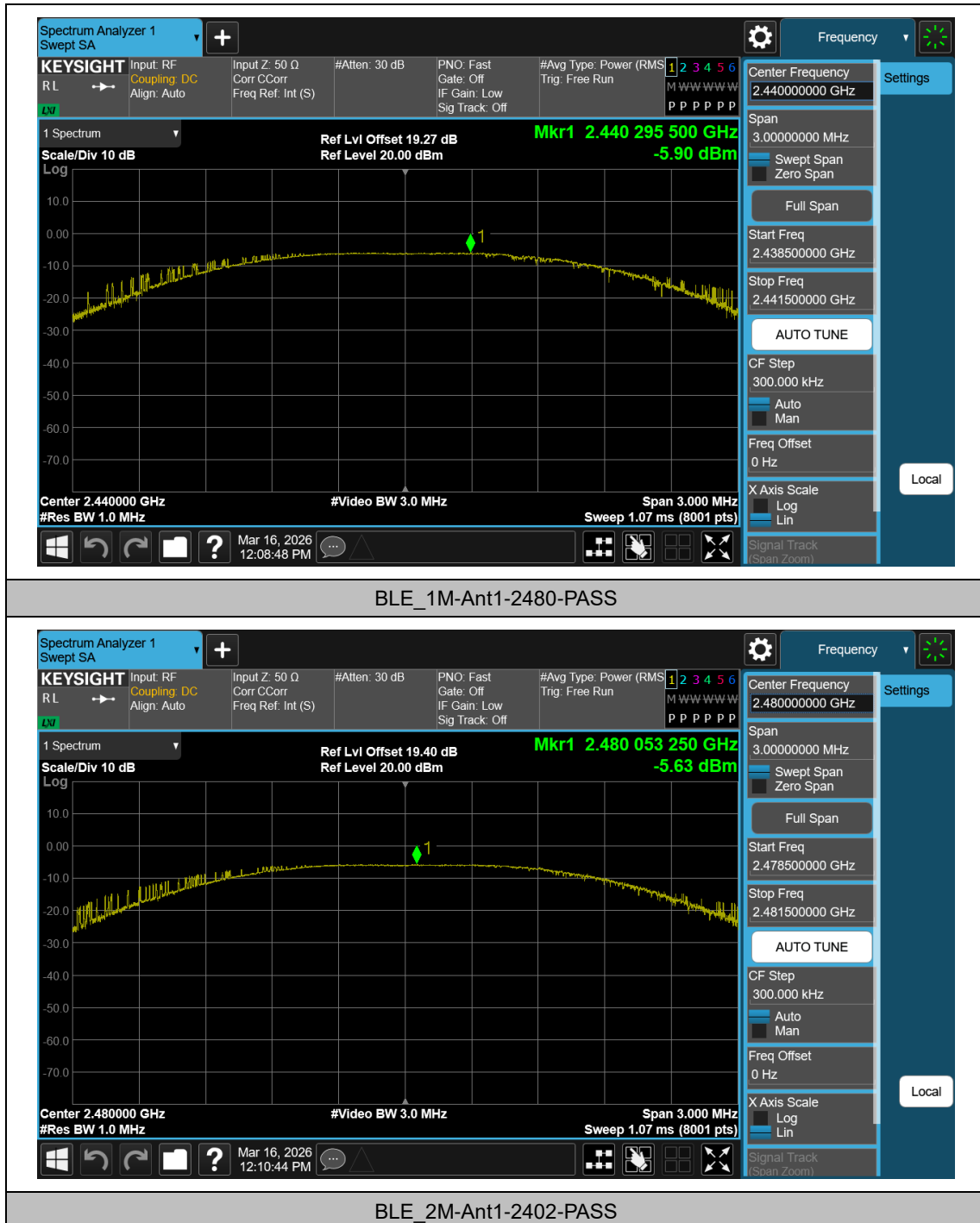
Appendix B: Maximum conducted output power

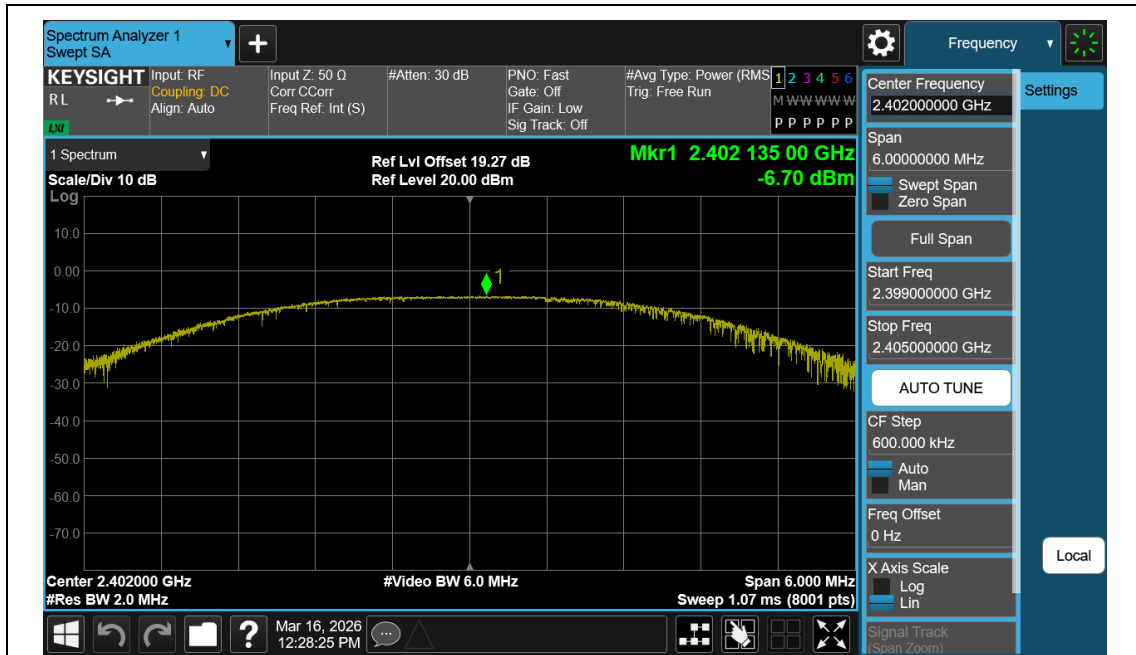
Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-7.09	≤30	PASS
BLE_1M	Ant1	2440	-5.90	≤30	PASS
BLE_1M	Ant1	2480	-5.63	≤30	PASS
BLE_2M	Ant1	2402	-6.70	≤30	PASS
BLE_2M	Ant1	2440	-5.77	≤30	PASS
BLE_2M	Ant1	2480	-5.48	≤30	PASS

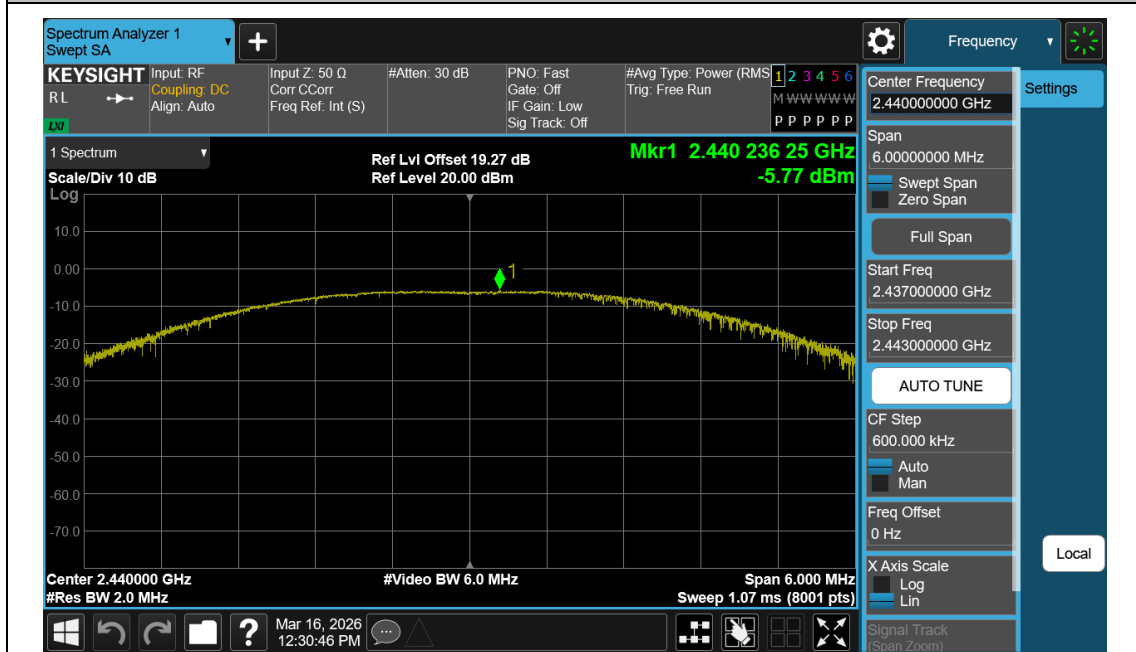
Test Graphs Peak



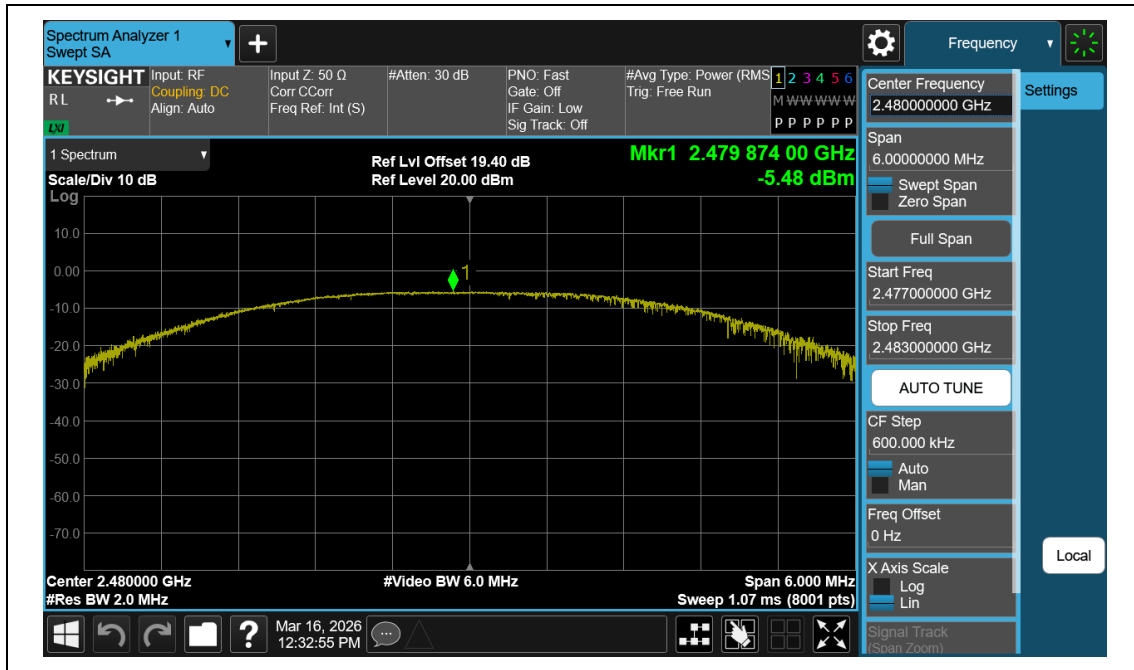




BLE_2M-Ant1-2440-PASS



BLE_2M-Ant1-2480-PASS



Appendix C: Maximum power spectral density

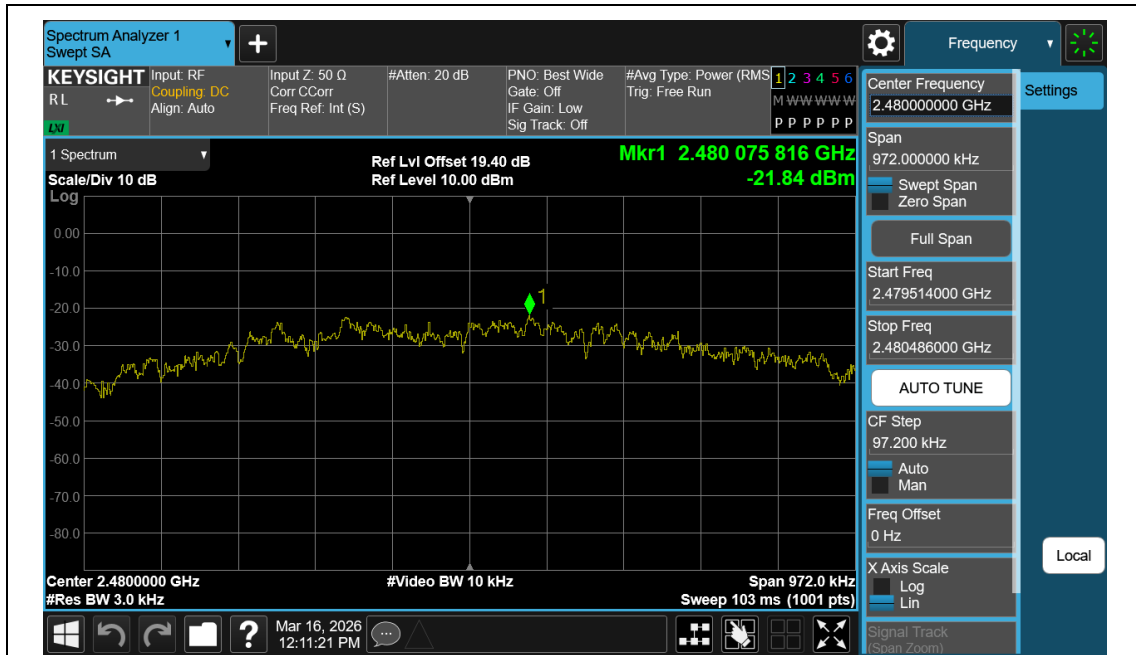
Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-23.08	≤8.00	PASS
BLE_1M	Ant1	2440	-22.61	≤8.00	PASS
BLE_1M	Ant1	2480	-21.84	≤8.00	PASS
BLE_2M	Ant1	2402	-25.24	≤8.00	PASS
BLE_2M	Ant1	2440	-25.00	≤8.00	PASS
BLE_2M	Ant1	2480	-24.27	≤8.00	PASS

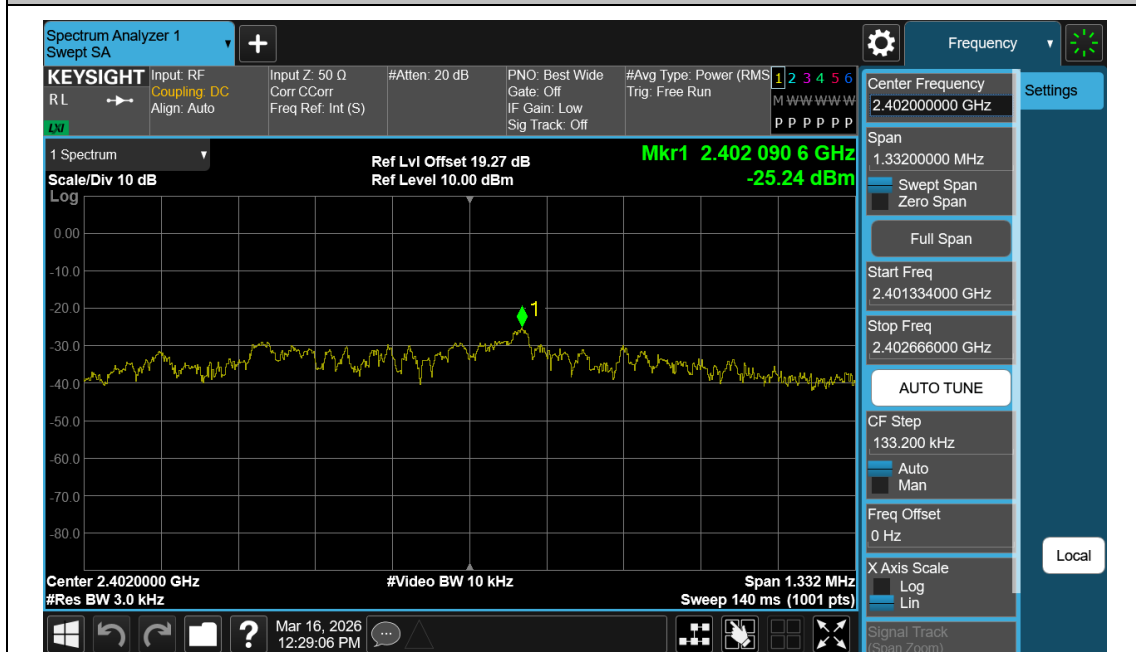


Test Graphs





BLE_2M-Ant1-2402-PASS



BLE_2M-Ant1-2440-PASS



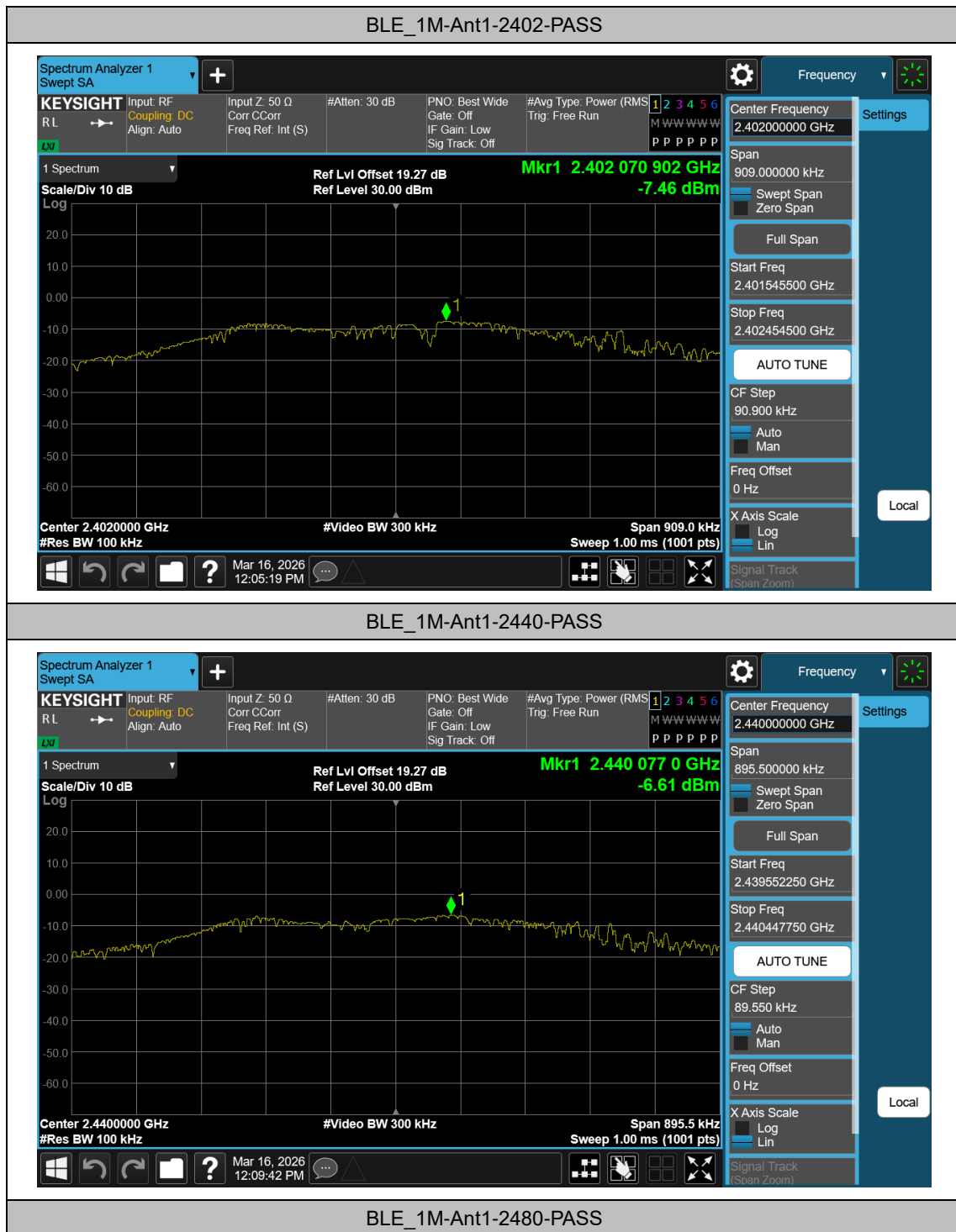
Appendix D: Reference level measurement

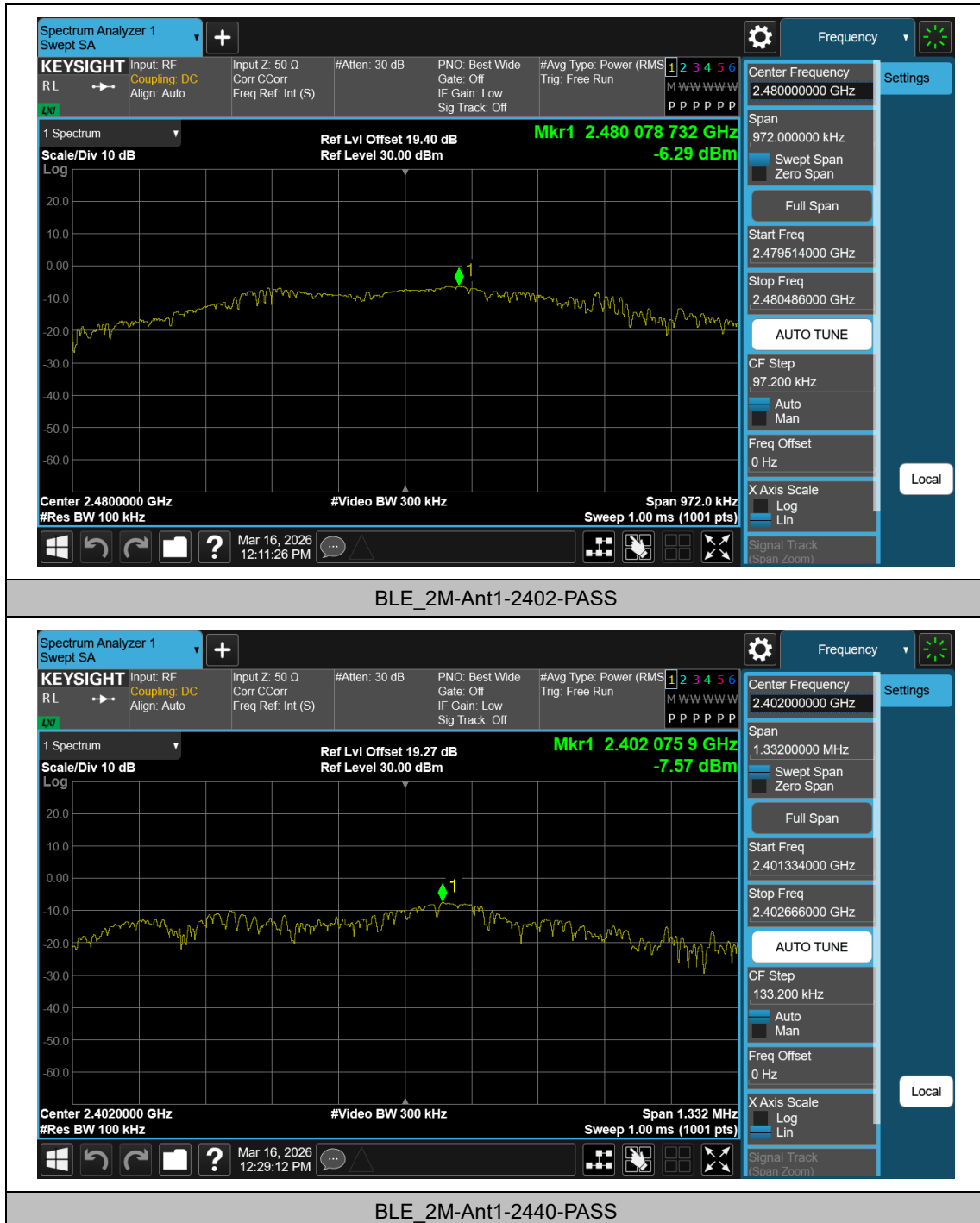
Test Result

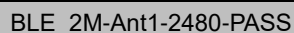
TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
BLE_1M	Ant1	2402	2402.07	-7.46
BLE_1M	Ant1	2440	2440.08	-6.61
BLE_1M	Ant1	2480	2480.08	-6.29
BLE_2M	Ant1	2402	2402.08	-7.57
BLE_2M	Ant1	2440	2440.08	-6.69
BLE_2M	Ant1	2480	2480.07	-6.19



Test Graphs







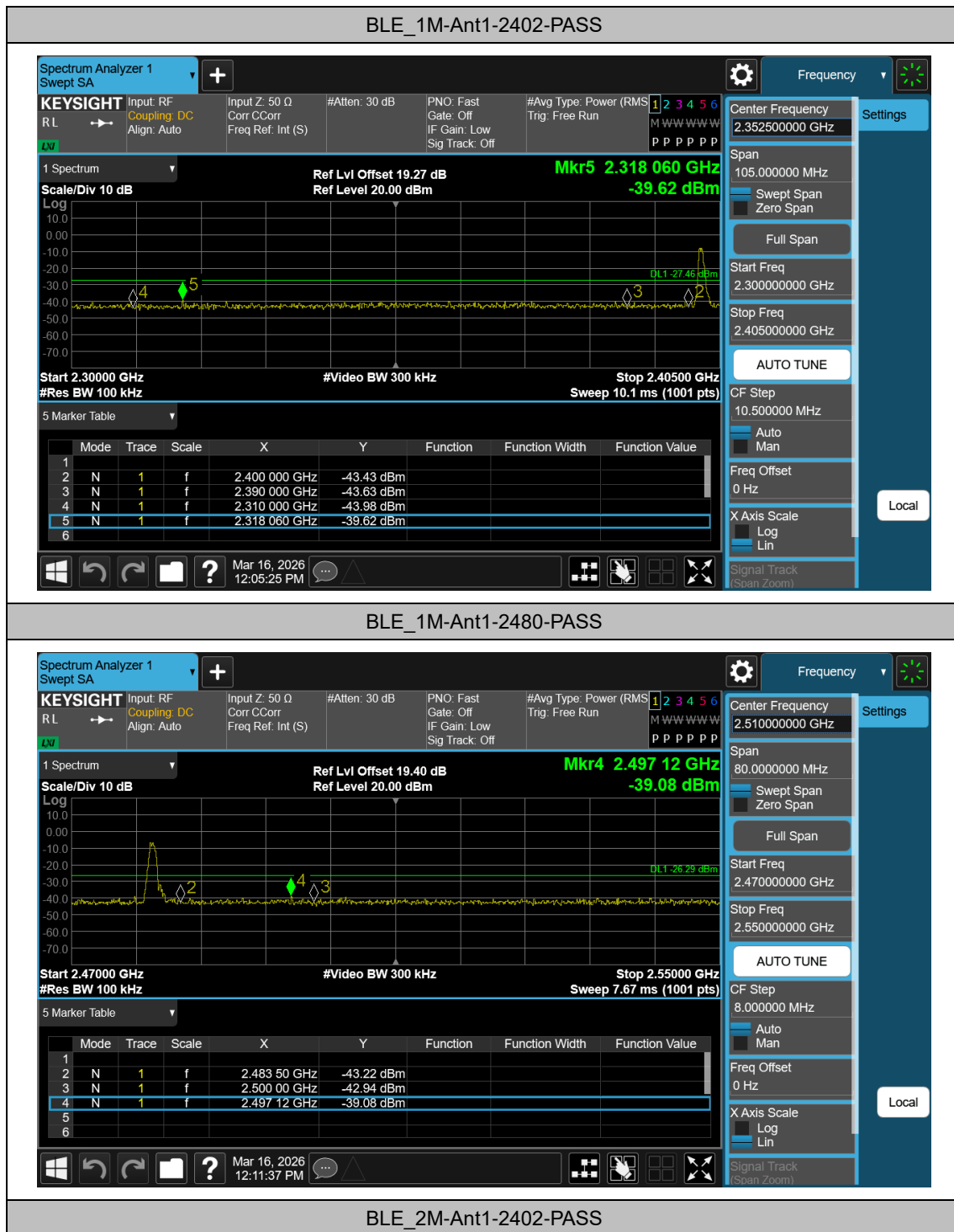
Appendix E: Band edge measurements

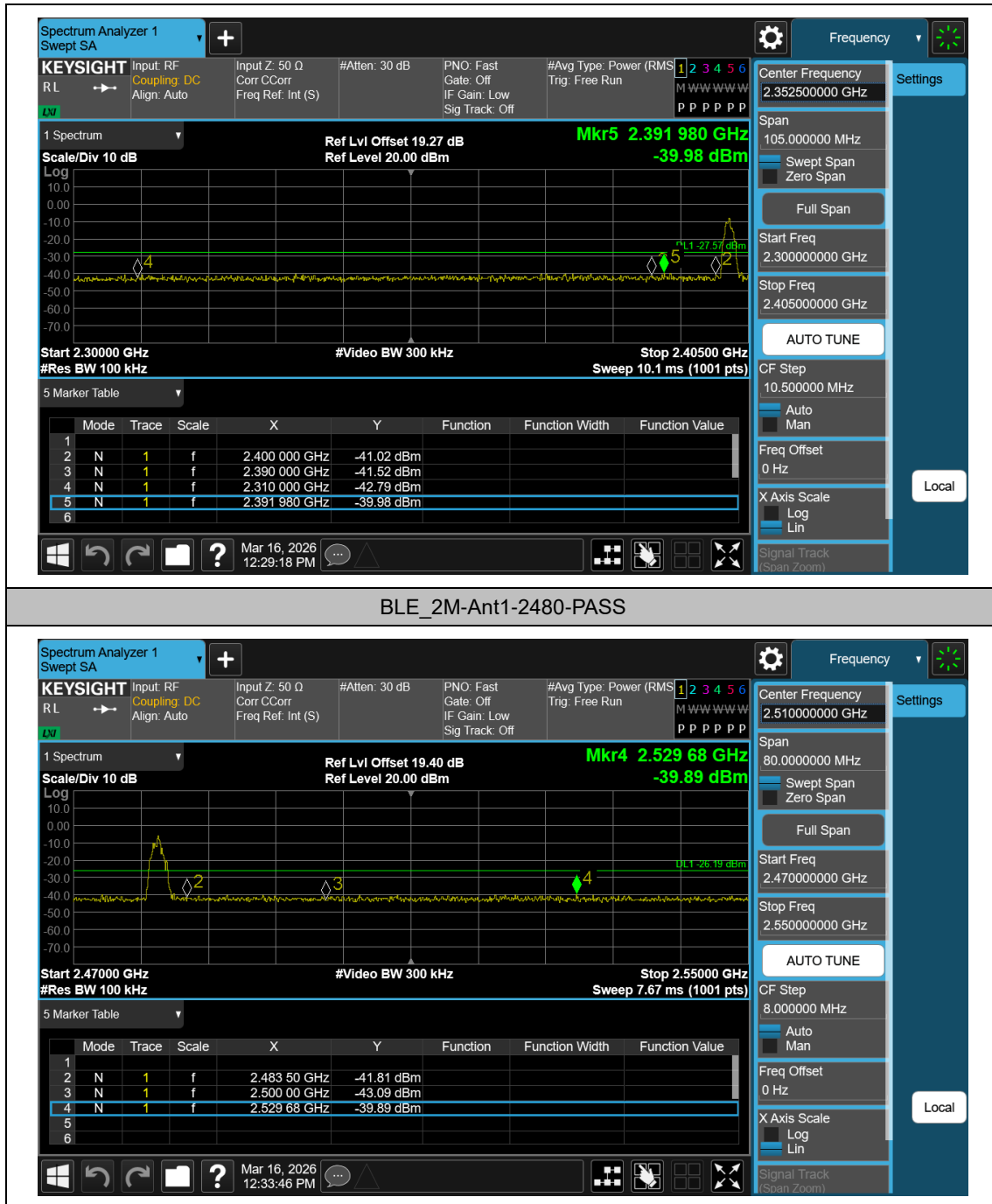
Test Result

TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-7.46	-39.62	≤-27.46	PASS
BLE_1M	Ant1	High	2480	-6.29	-39.08	≤-26.29	PASS
BLE_2M	Ant1	Low	2402	-7.57	-39.98	≤-27.57	PASS
BLE_2M	Ant1	High	2480	-6.19	-39.9	≤-26.19	PASS



Test Graphs





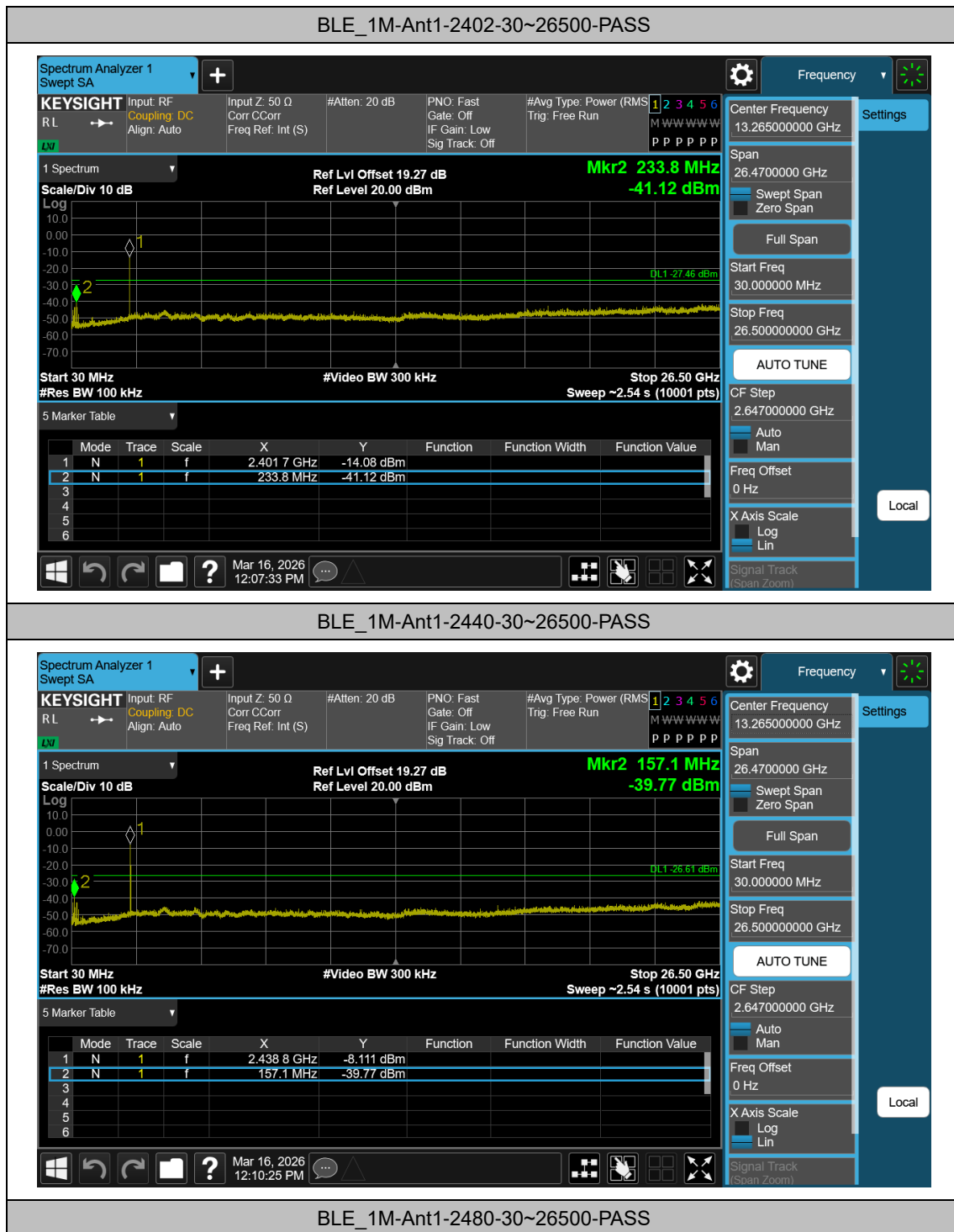
Appendix F: Conducted Spurious Emission

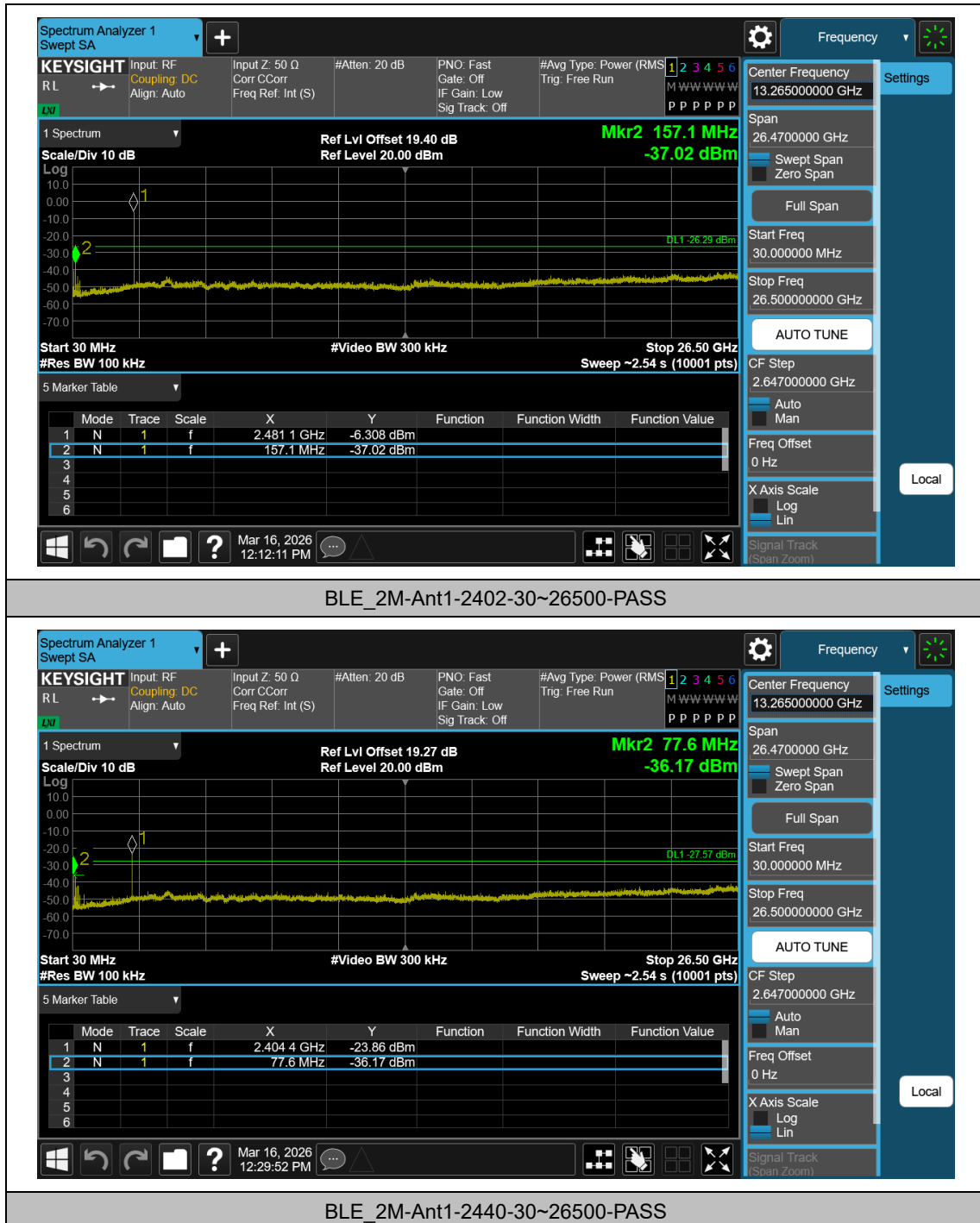
Test Result

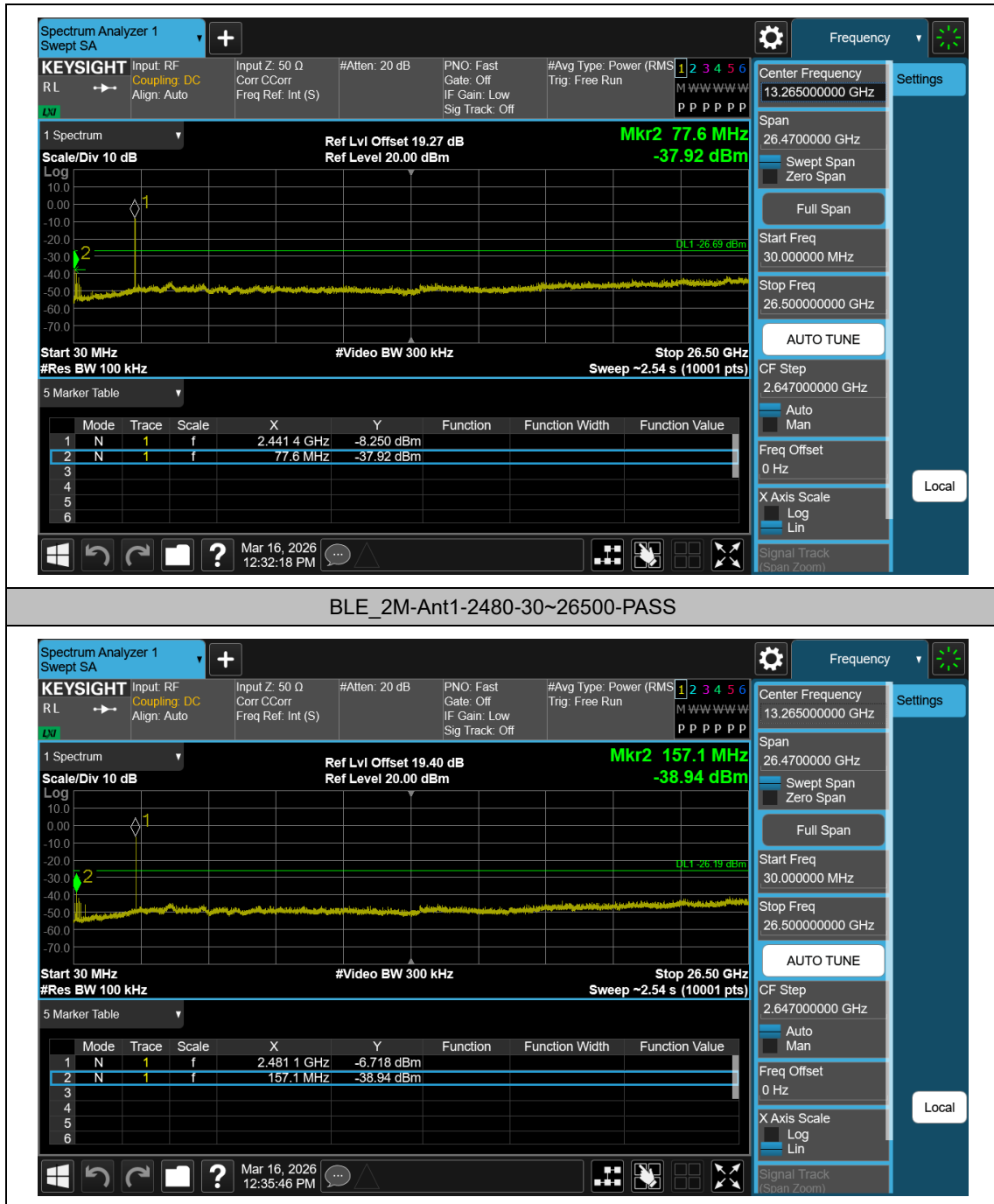
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	30~26500	-7.46	-41.12	≤-27.46	PASS
BLE_1M	Ant1	2440	30~26500	-6.61	-39.78	≤-26.61	PASS
BLE_1M	Ant1	2480	30~26500	-6.29	-37.02	≤-26.29	PASS
BLE_2M	Ant1	2402	30~26500	-7.57	-36.17	≤-27.57	PASS
BLE_2M	Ant1	2440	30~26500	-6.69	-37.92	≤-26.69	PASS
BLE_2M	Ant1	2480	30~26500	-6.19	-38.94	≤-26.19	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	0.11	0.63	17.46	7.58
BLE_2M	Ant1	2440	0.06	0.63	9.52	10.21



Test Graphs

