

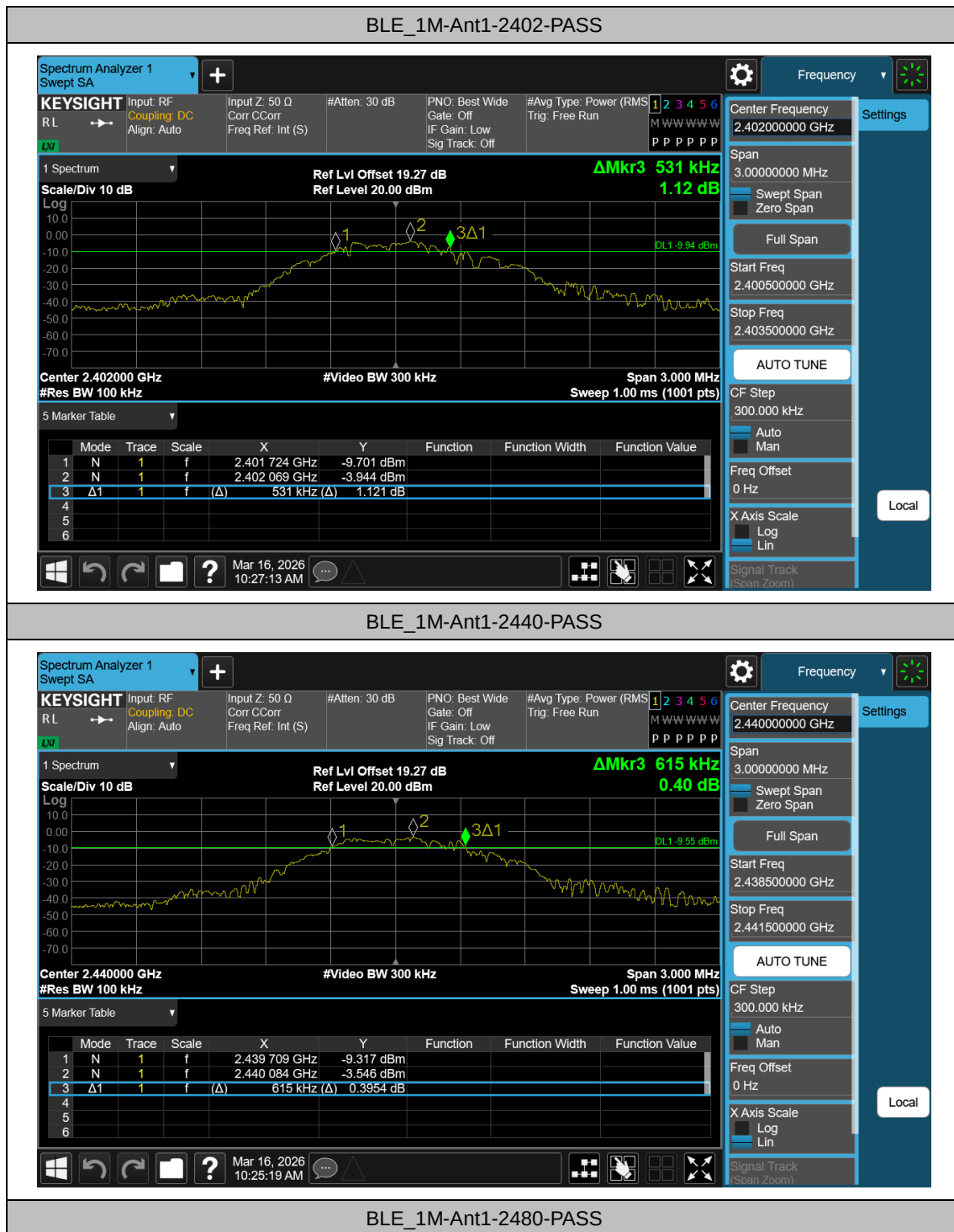
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.531	2401.724	2402.255	0.5	PASS
BLE_1M	Ant1	2440	0.615	2439.709	2440.324	0.5	PASS
BLE_1M	Ant1	2480	0.621	2479.712	2480.333	0.5	PASS
BLE_2M	Ant1	2402	1.176	2401.436	2402.612	0.5	PASS
BLE_2M	Ant1	2440	1.080	2439.418	2440.498	0.5	PASS
BLE_2M	Ant1	2480	1.002	2479.454	2480.456	0.5	PASS



Test Graphs

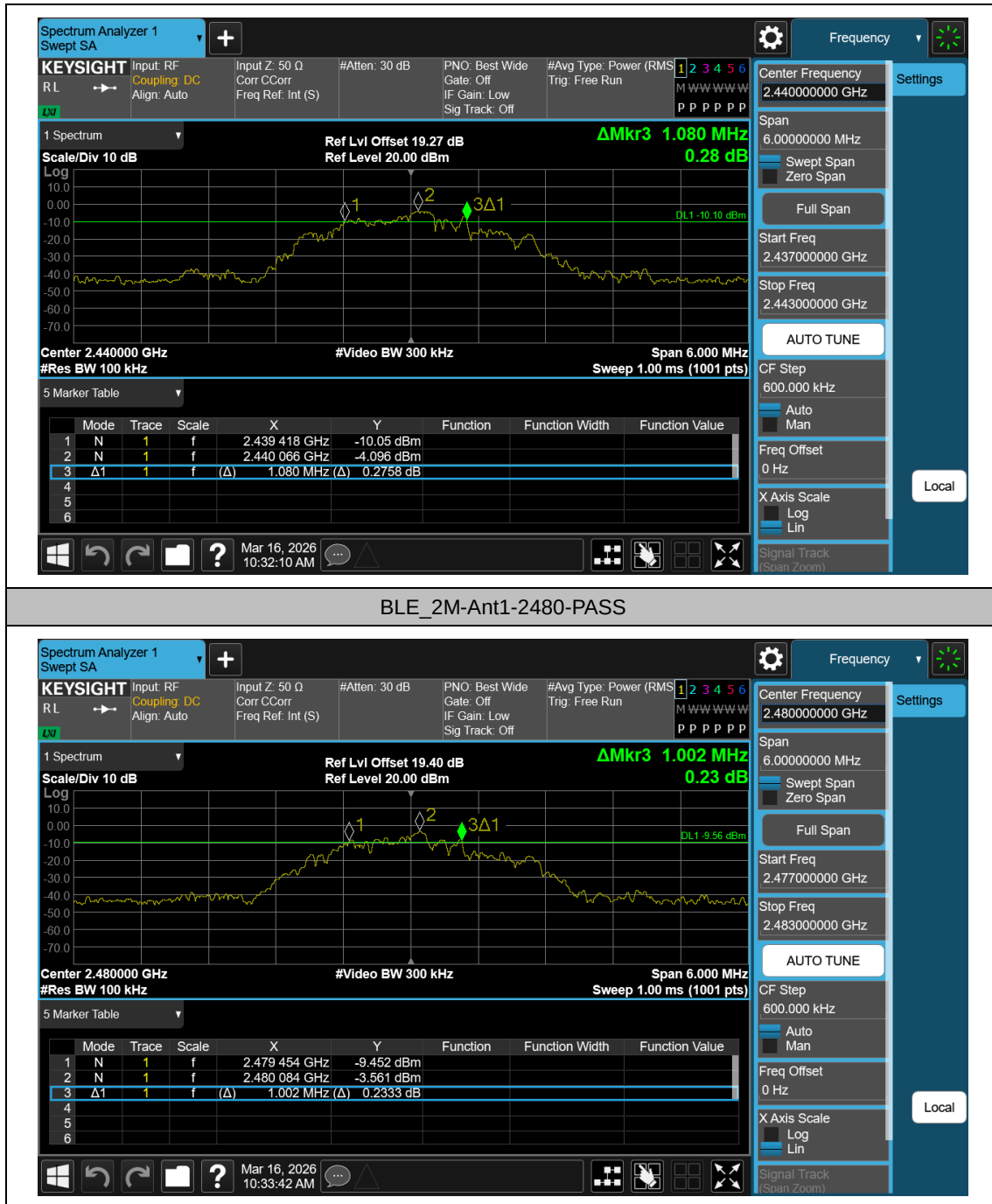




BLE_2M-Ant1-2402-PASS



BLE_2M-Ant1-2440-PASS

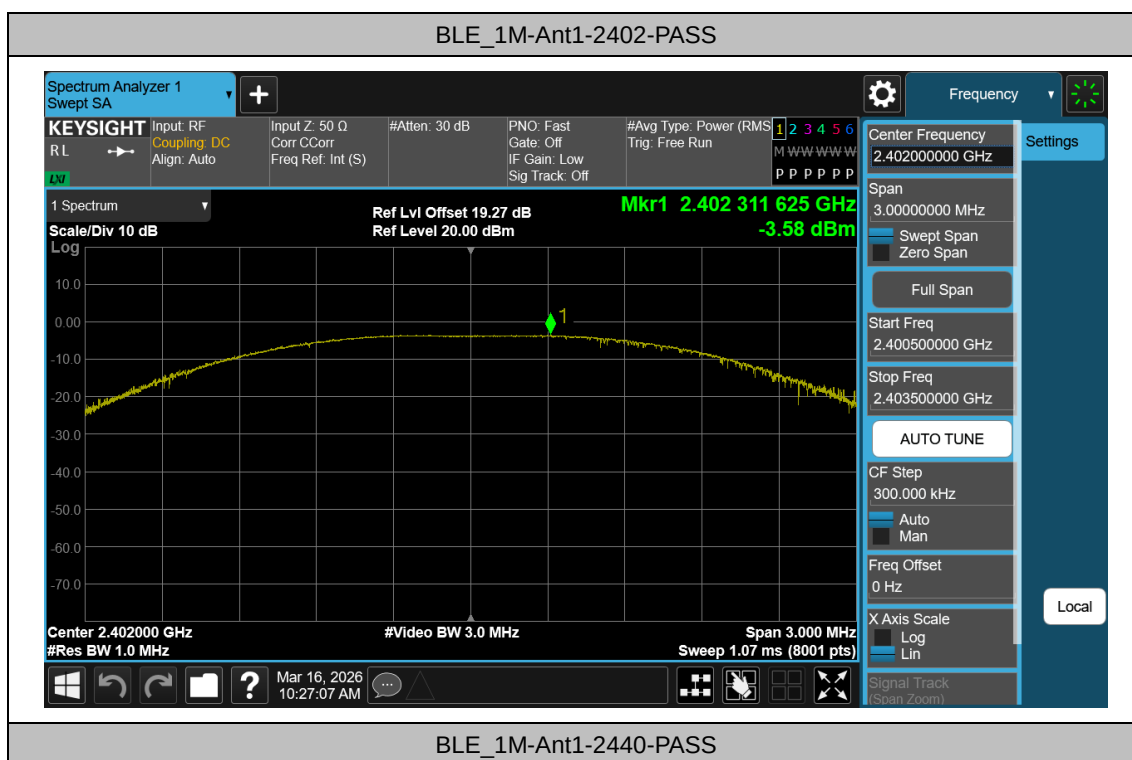


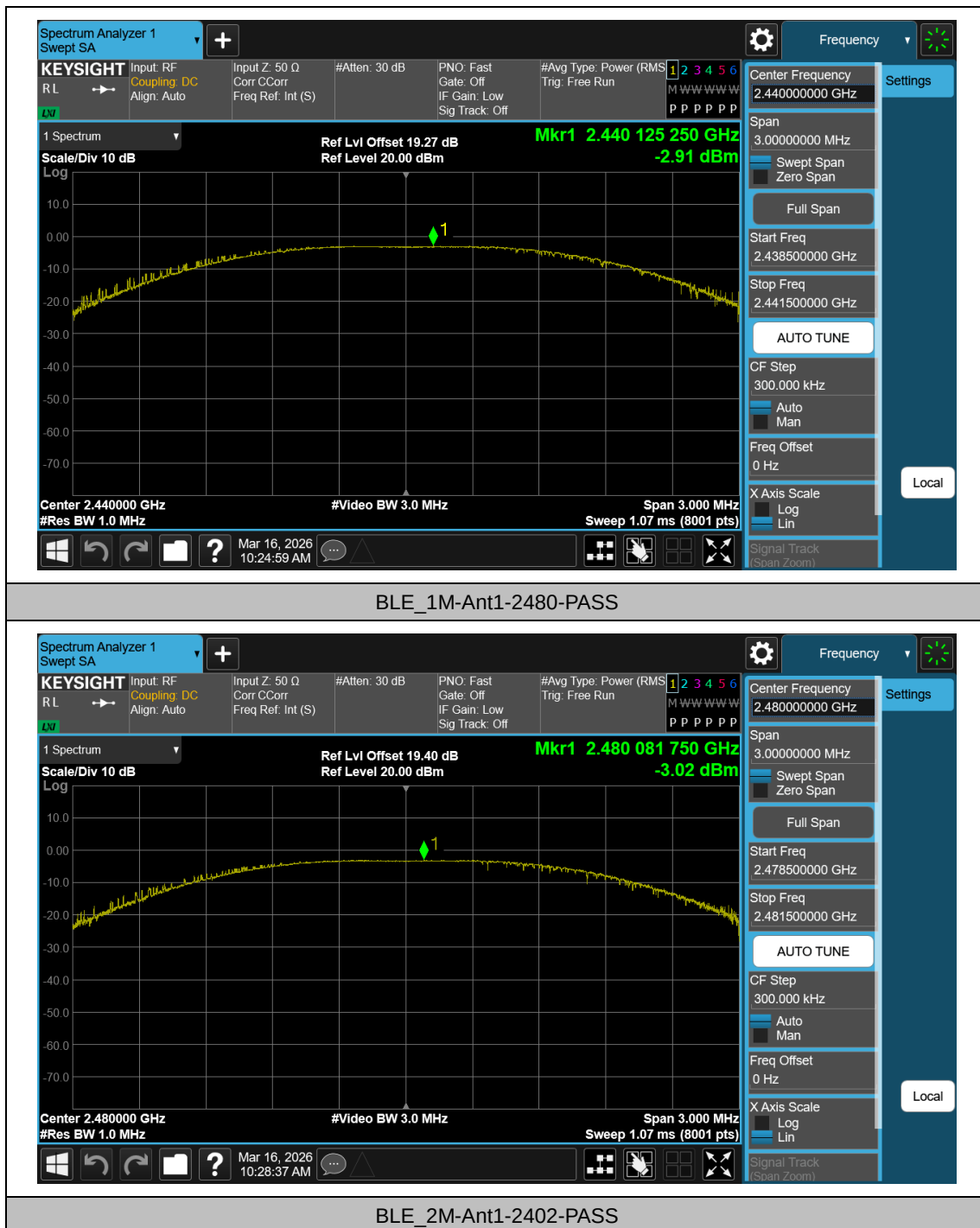
Appendix B: Maximum conducted output power

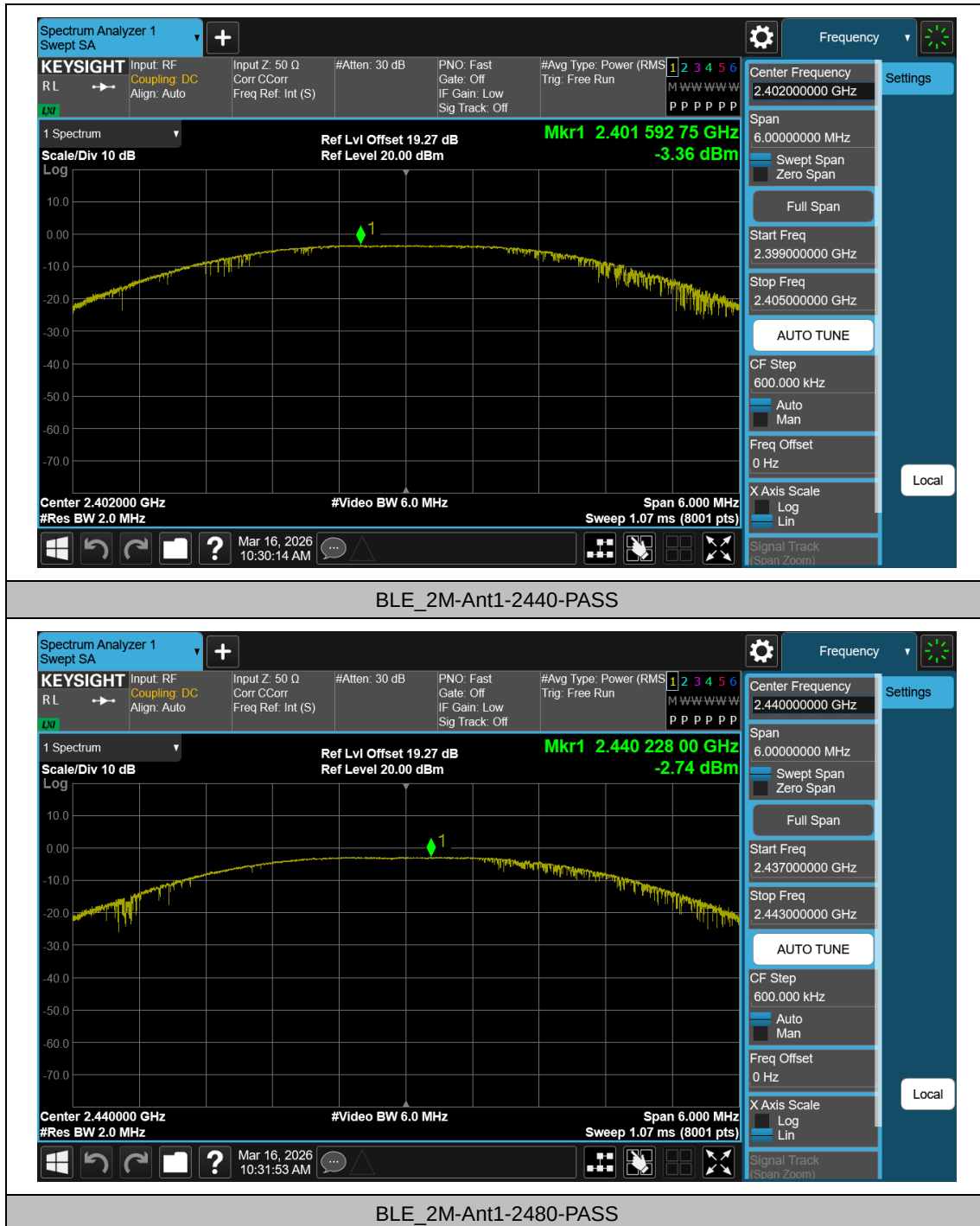
Test Result Peak

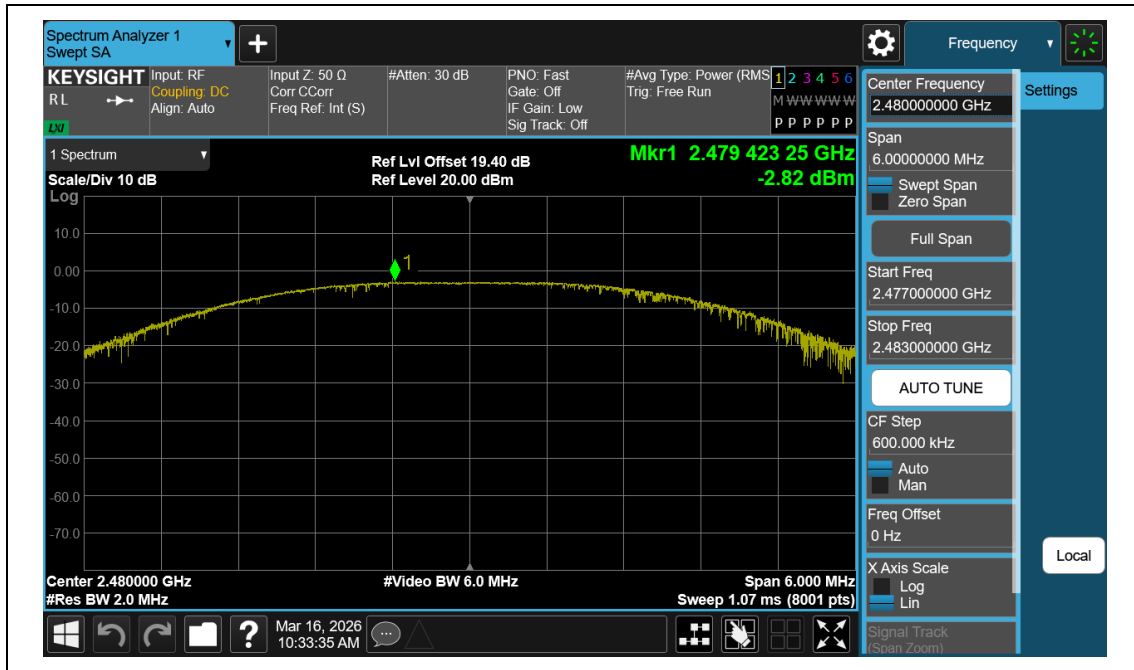
TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-3.58	≤30	PASS
BLE_1M	Ant1	2440	-2.91	≤30	PASS
BLE_1M	Ant1	2480	-3.02	≤30	PASS
BLE_2M	Ant1	2402	-3.36	≤30	PASS
BLE_2M	Ant1	2440	-2.74	≤30	PASS
BLE_2M	Ant1	2480	-2.82	≤30	PASS

Test Graphs Peak









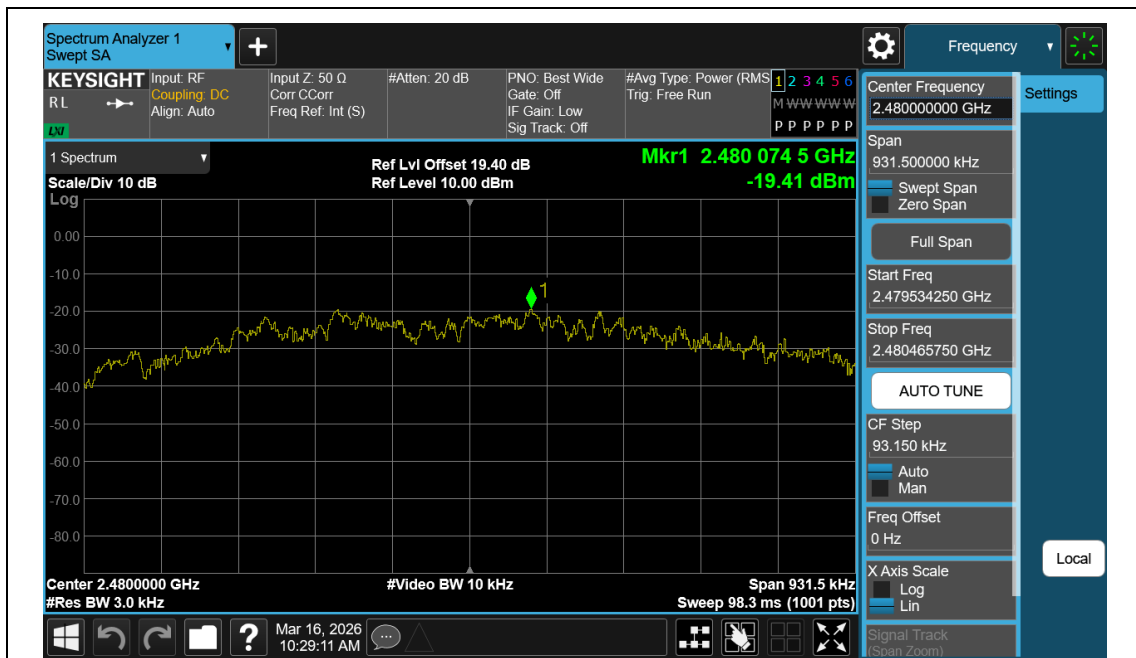
Appendix C: Maximum power spectral density

Test Result

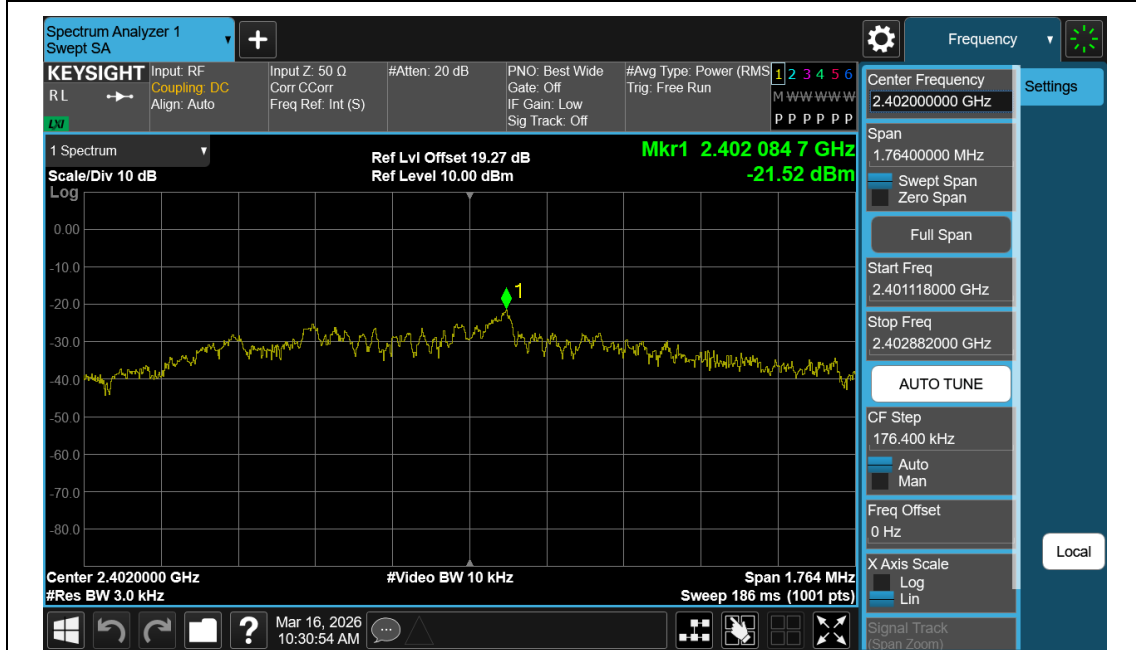
TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-19.41	≤8.00	PASS
BLE_1M	Ant1	2440	-19.45	≤8.00	PASS
BLE_1M	Ant1	2480	-19.41	≤8.00	PASS
BLE_2M	Ant1	2402	-21.52	≤8.00	PASS
BLE_2M	Ant1	2440	-21.34	≤8.00	PASS
BLE_2M	Ant1	2480	-21.61	≤8.00	PASS

Test Graphs





BLE_2M-Ant1-2402-PASS



BLE_2M-Ant1-2440-PASS

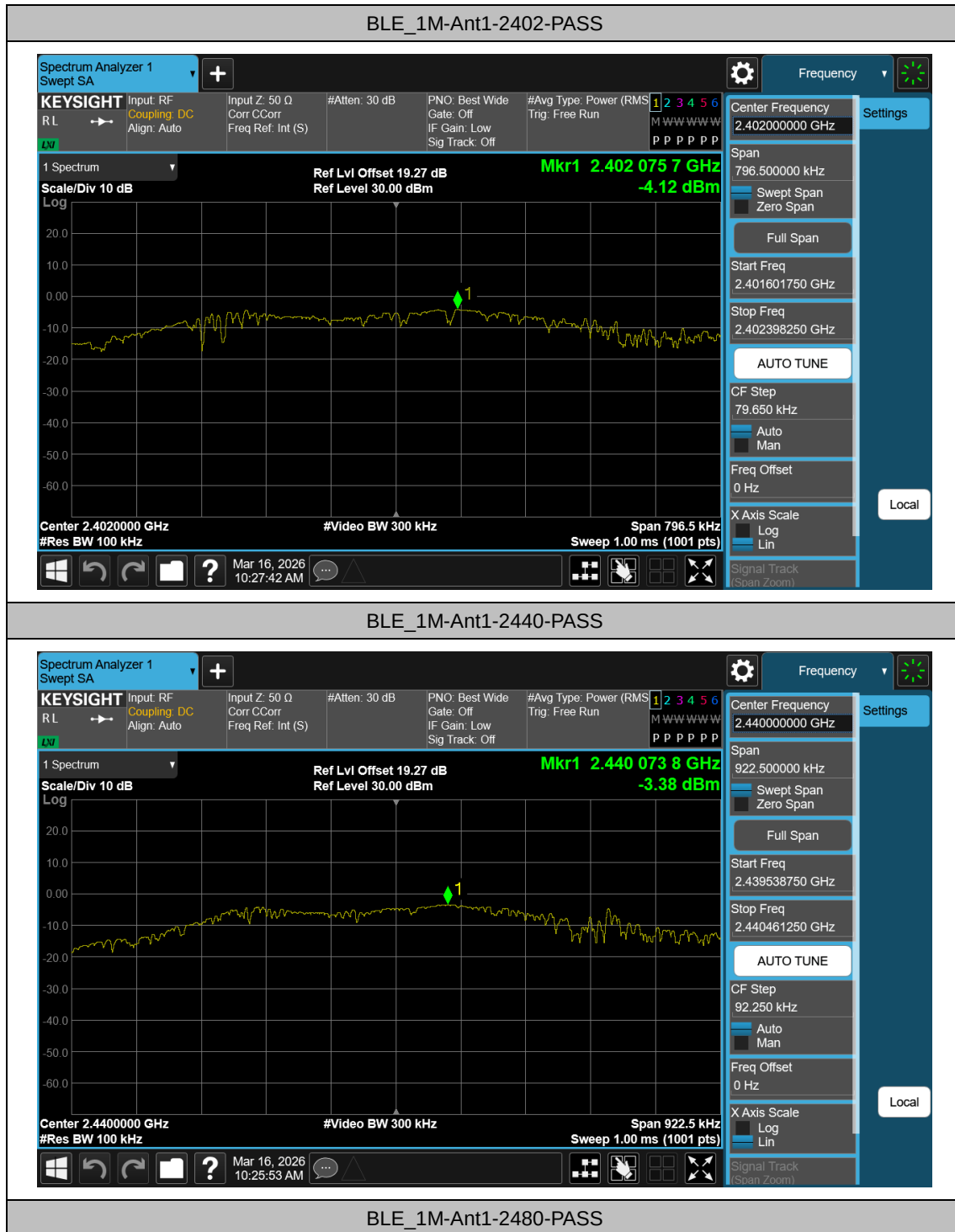


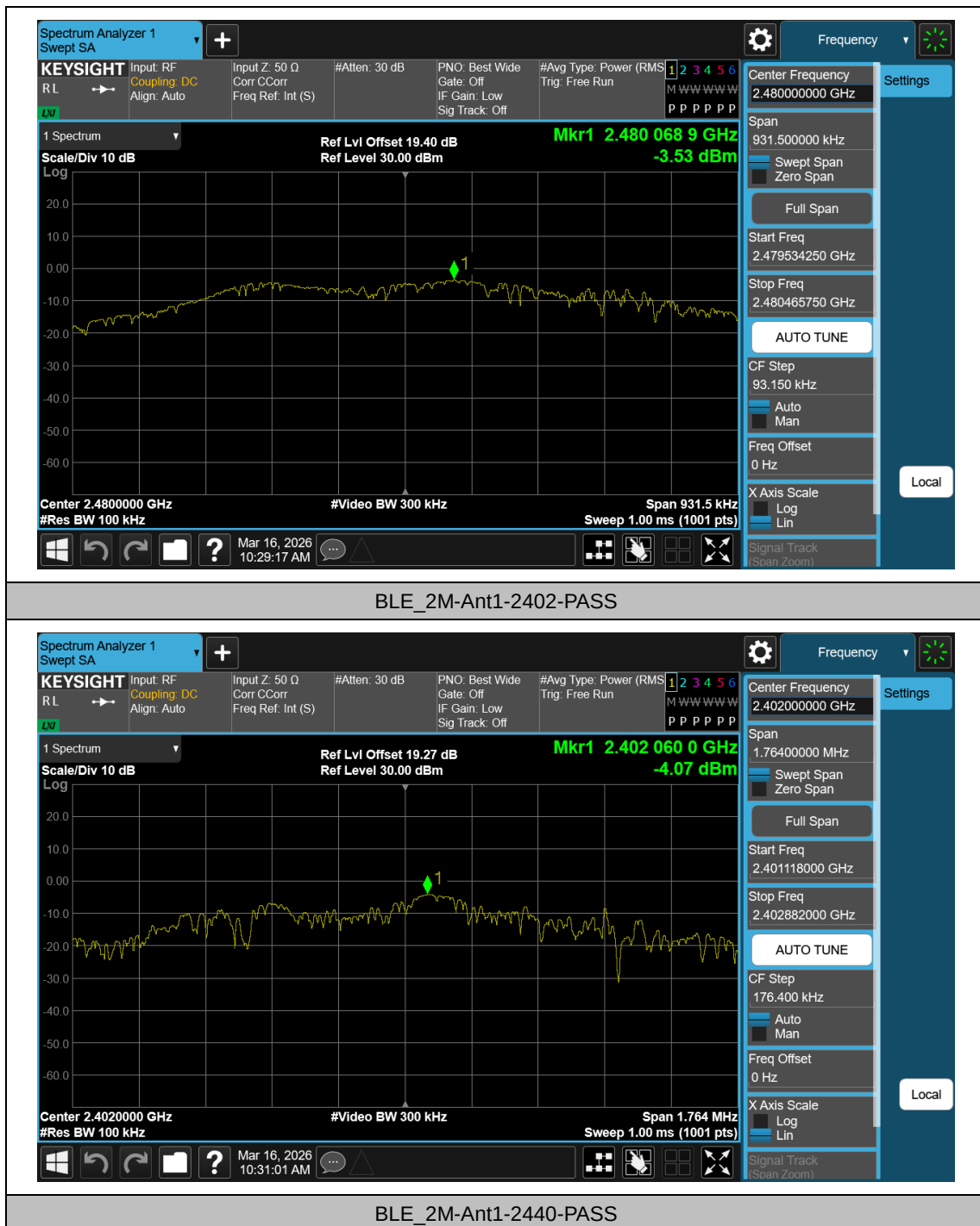
Appendix D: Reference level measurement

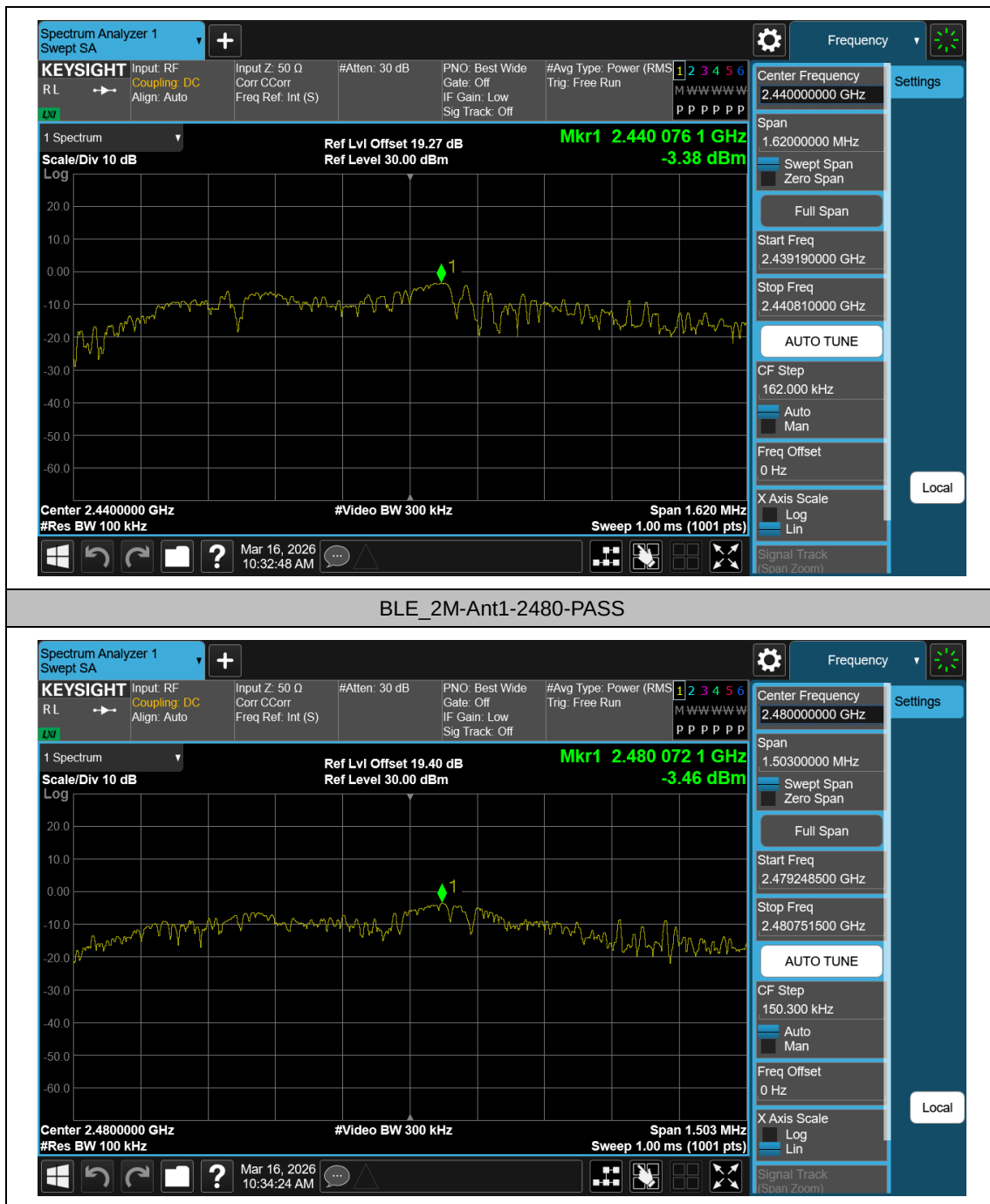
Test Result

TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
BLE_1M	Ant1	2402	2402.08	-4.13
BLE_1M	Ant1	2440	2440.07	-3.38
BLE_1M	Ant1	2480	2480.07	-3.53
BLE_2M	Ant1	2402	2402.06	-4.07
BLE_2M	Ant1	2440	2440.08	-3.38
BLE_2M	Ant1	2480	2480.07	-3.47

Test Graphs





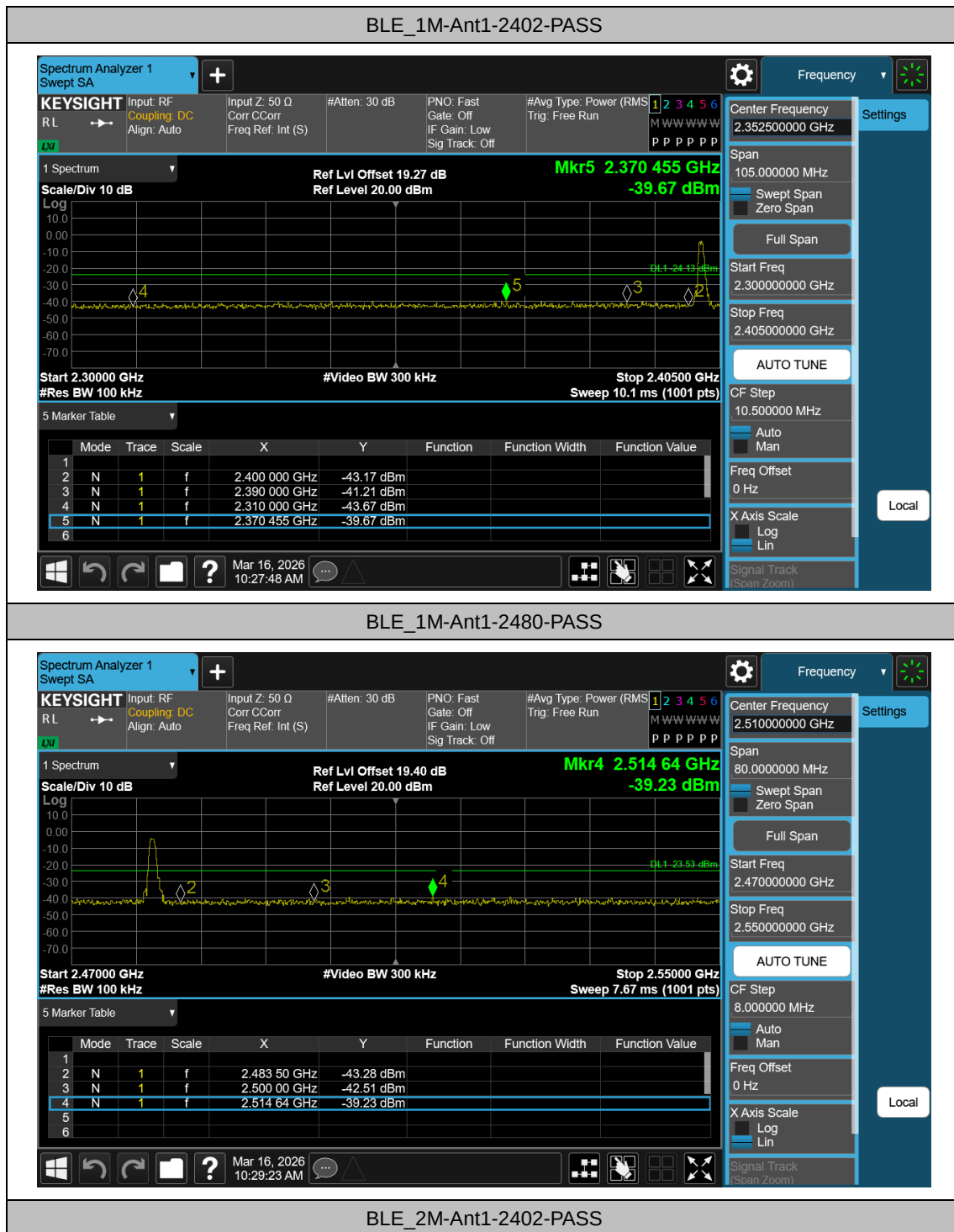


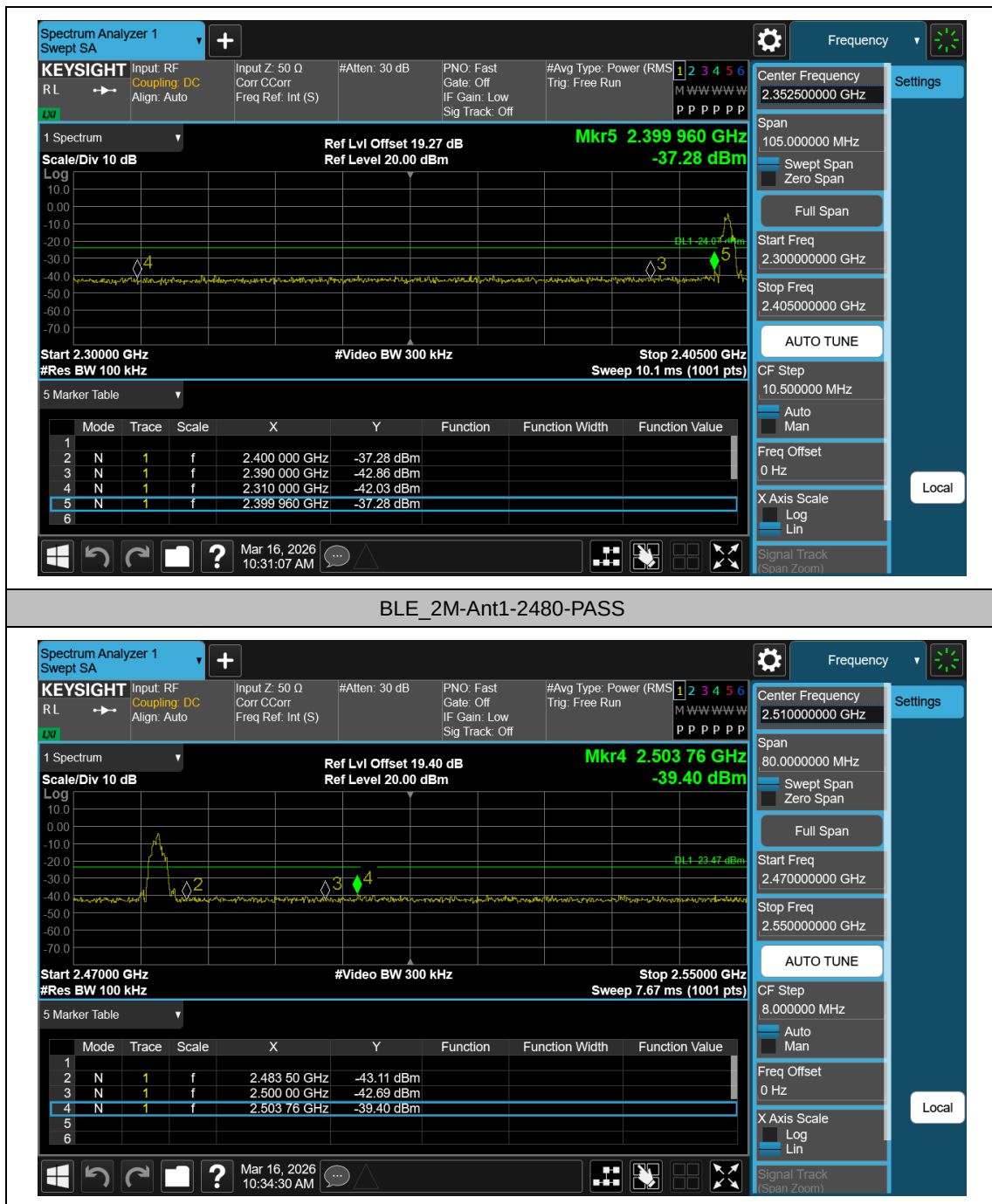
Appendix E: Band edge measurements

Test Result

TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-4.13	-39.67	≤-24.13	PASS
BLE_1M	Ant1	High	2480	-3.53	-39.23	≤-23.53	PASS
BLE_2M	Ant1	Low	2402	-4.07	-37.28	≤-24.07	PASS
BLE_2M	Ant1	High	2480	-3.47	-39.4	≤-23.47	PASS

Test Graphs



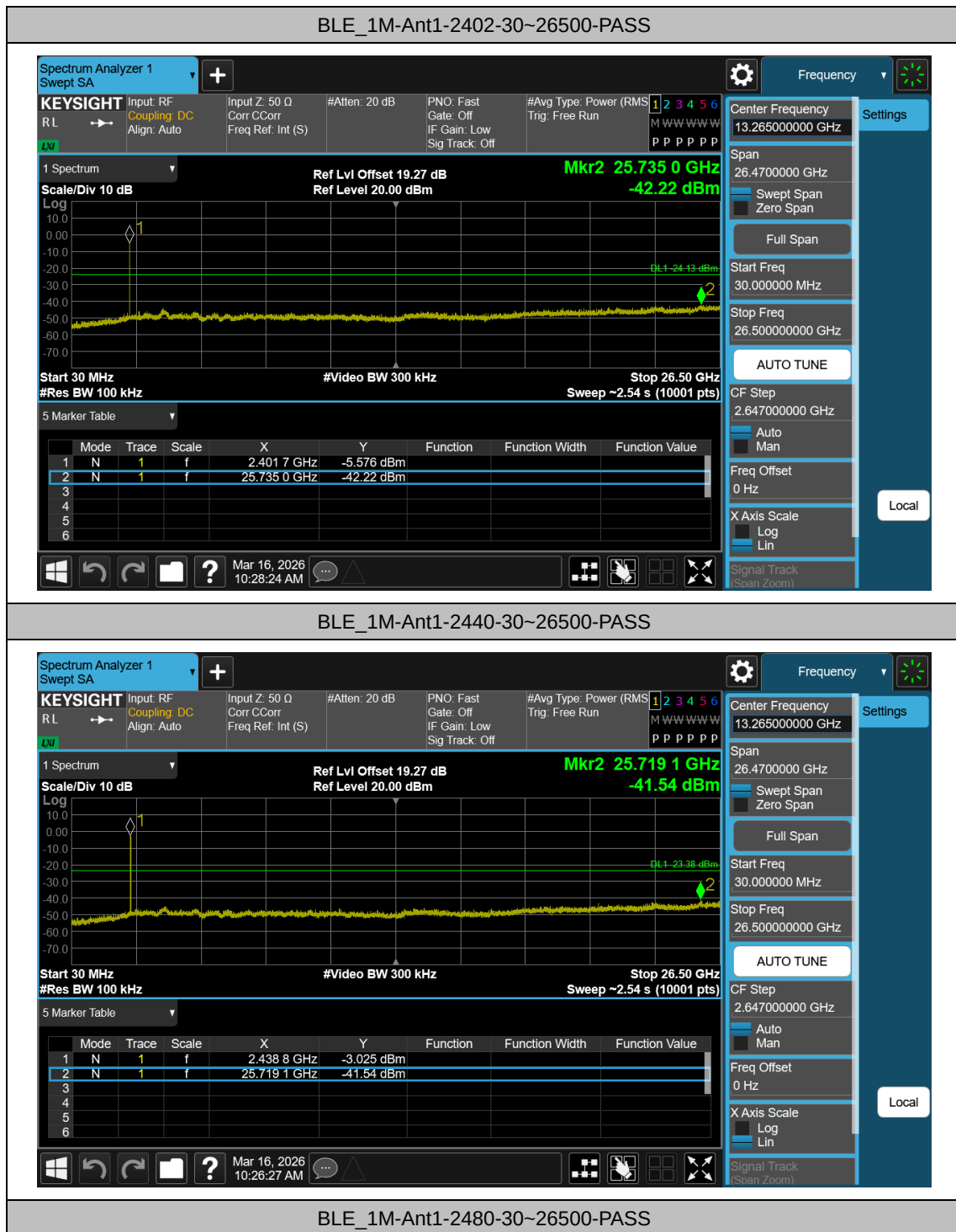


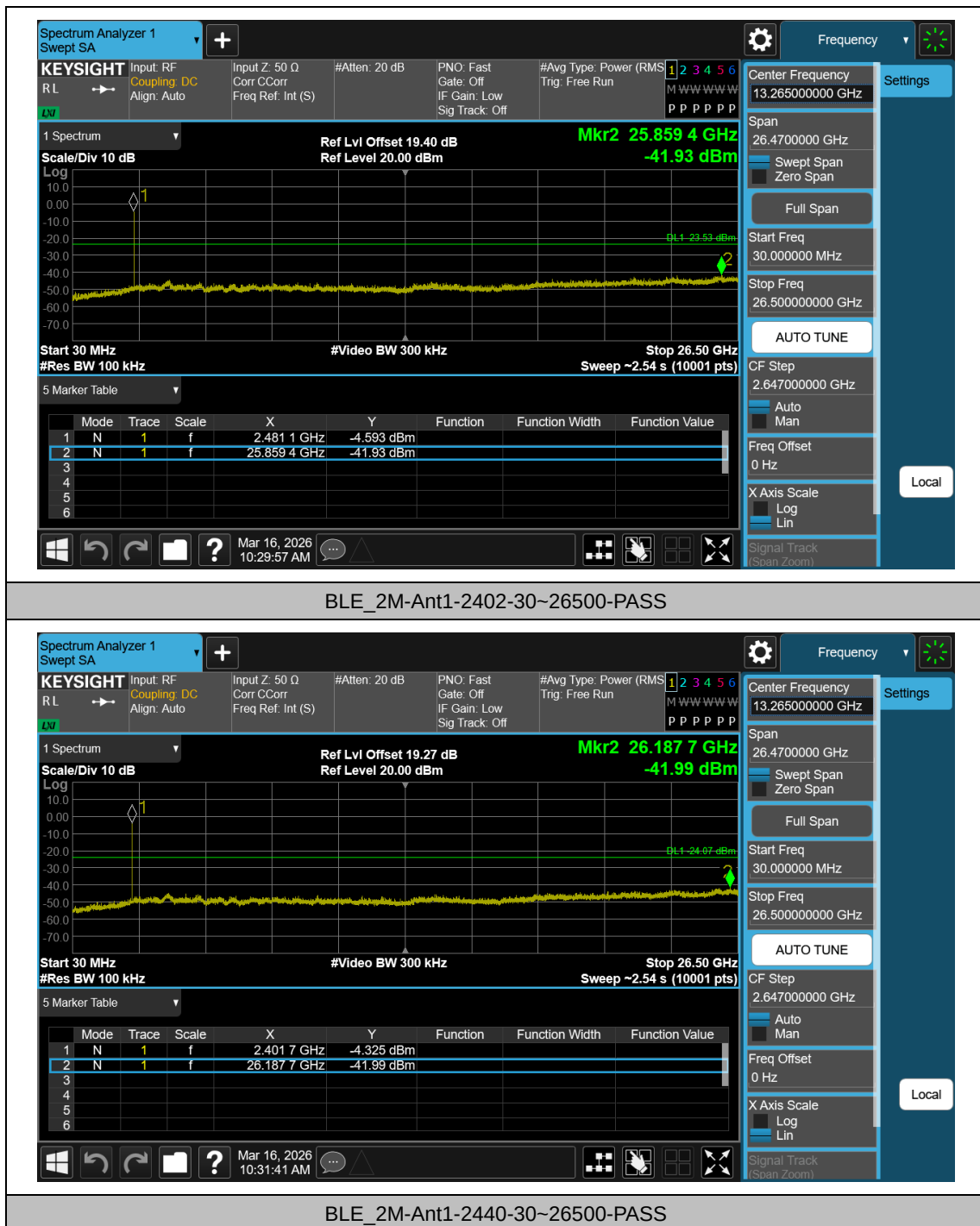
Appendix F: Conducted Spurious Emission

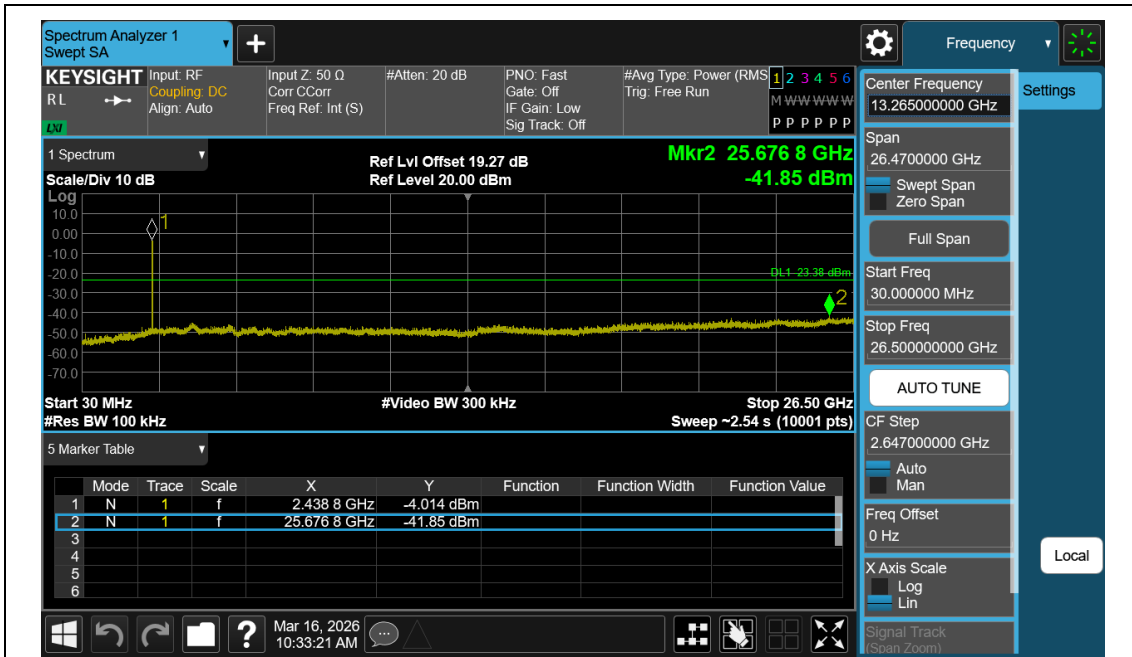
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	30~26500	-4.13	-42.22	≤-24.13	PASS
BLE_1M	Ant1	2440	30~26500	-3.38	-41.54	≤-23.38	PASS
BLE_1M	Ant1	2480	30~26500	-3.53	-41.93	≤-23.53	PASS
BLE_2M	Ant1	2402	30~26500	-4.07	-41.99	≤-24.07	PASS
BLE_2M	Ant1	2440	30~26500	-3.38	-41.85	≤-23.38	PASS
BLE_2M	Ant1	2480	30~26500	-3.47	-42.03	≤-23.47	PASS

Test Graphs







BLE_2M-Ant1-2480-30~26500-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	0.10	0.63	15.87	7.99
BLE_2M	Ant1	2440	0.06	0.63	9.52	10.21

Test Graphs

