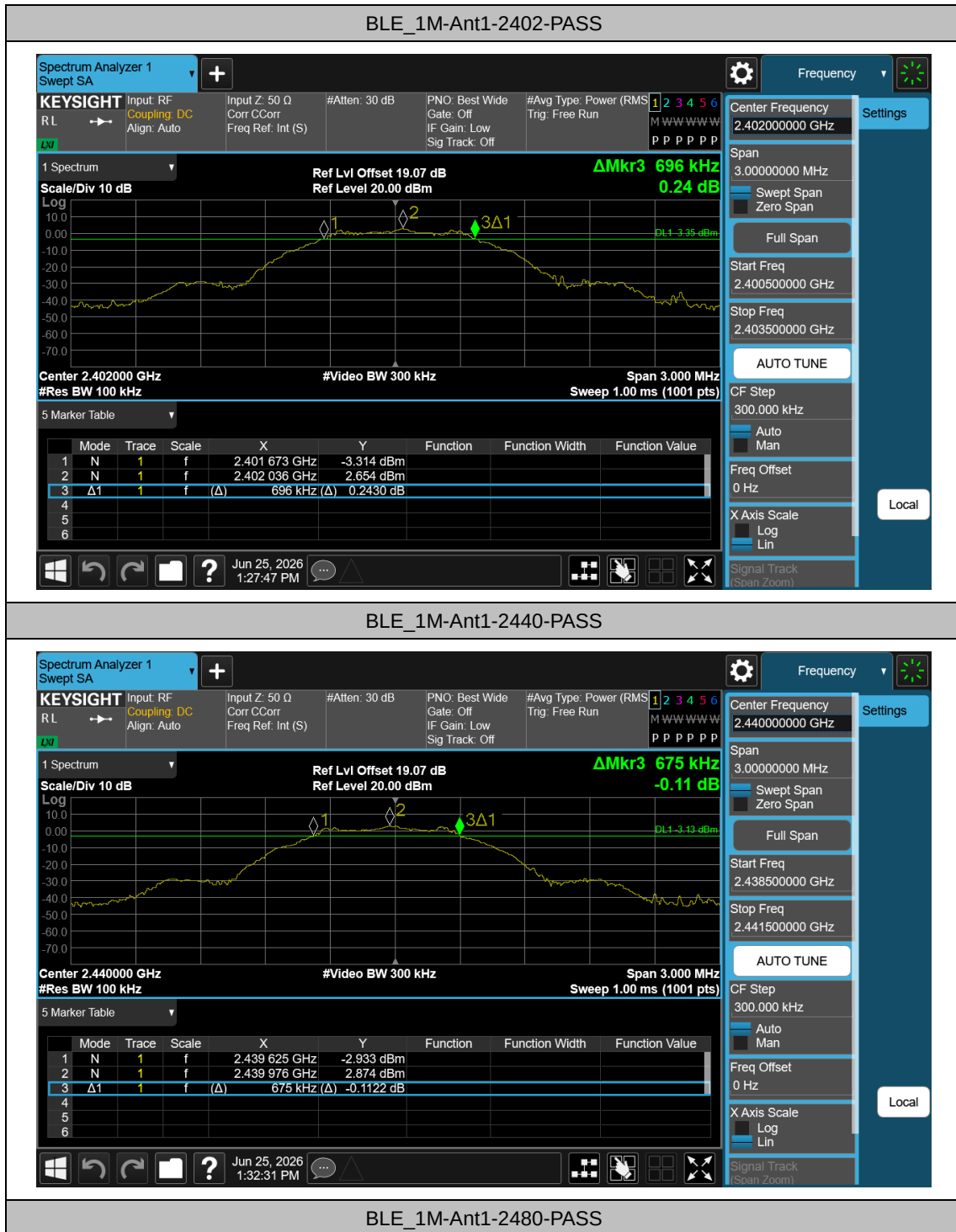


Appendix A: DTS Bandwidth

Test Result

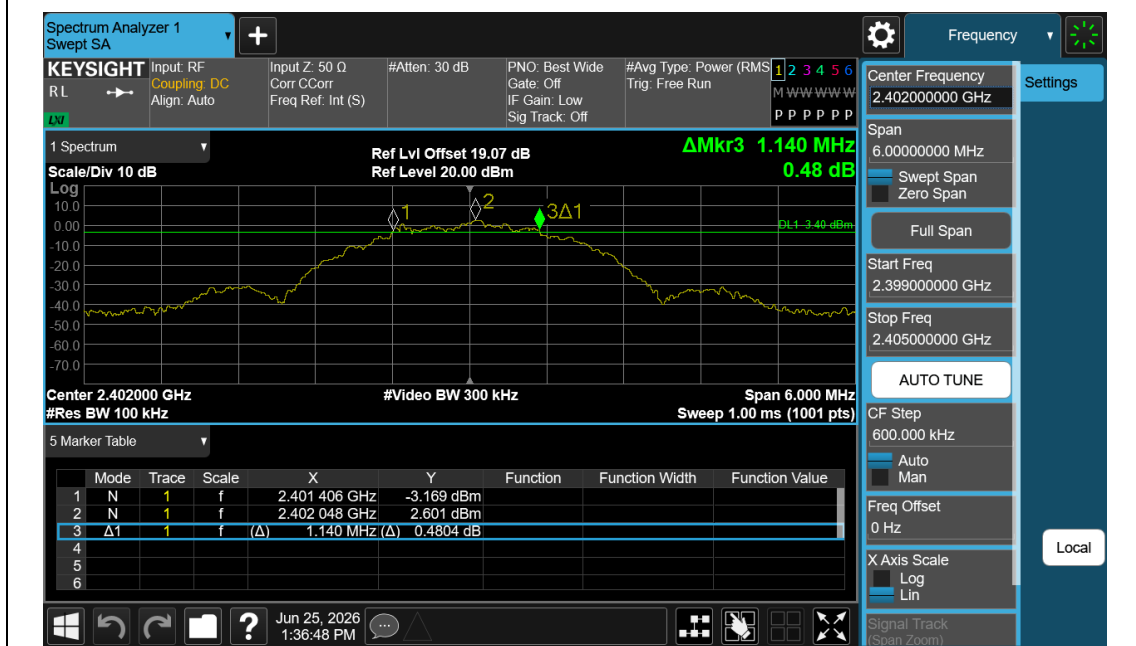
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.696	2401.673	2402.369	0.5	PASS
BLE_1M	Ant1	2440	0.675	2439.625	2440.300	0.5	PASS
BLE_1M	Ant1	2480	0.675	2479.559	2480.234	0.5	PASS
BLE_2M	Ant1	2402	1.140	2401.406	2402.546	0.5	PASS
BLE_2M	Ant1	2440	1.134	2439.400	2440.534	0.5	PASS
BLE_2M	Ant1	2480	1.134	2479.328	2480.462	0.5	PASS

Test Graphs





BLE_2M-Ant1-2402-PASS



BLE_2M-Ant1-2440-PASS



BLE_2M-Ant1-2480-PASS

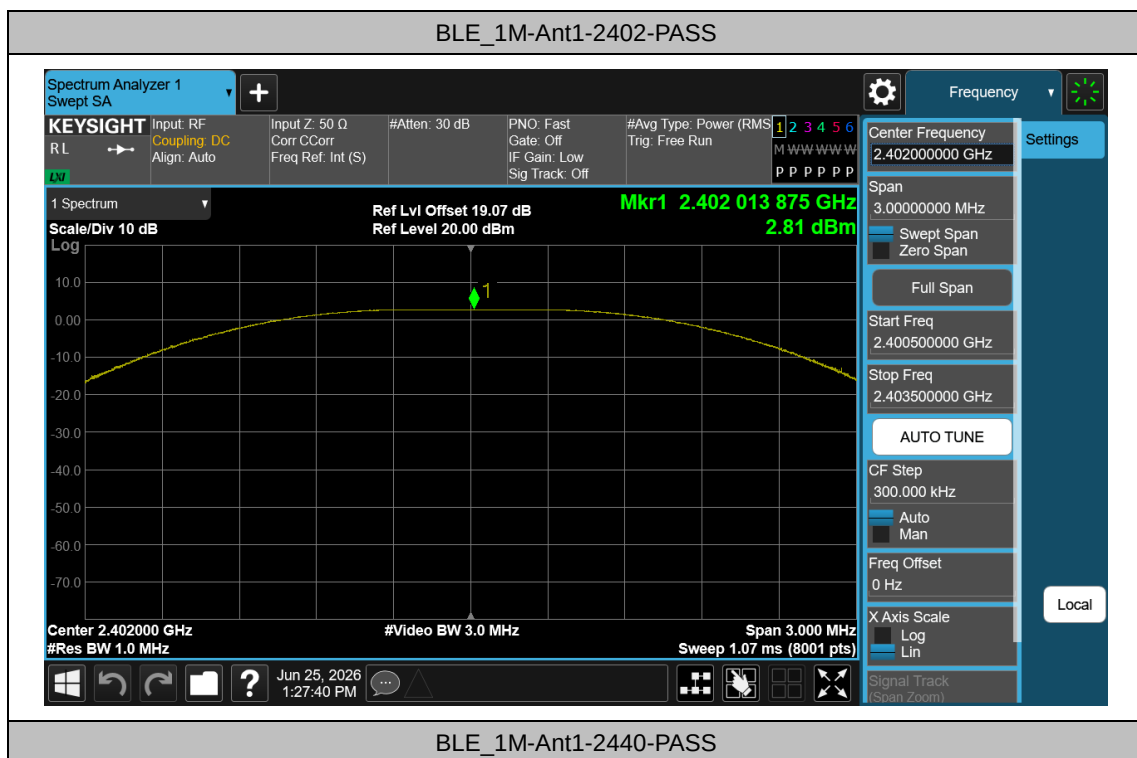


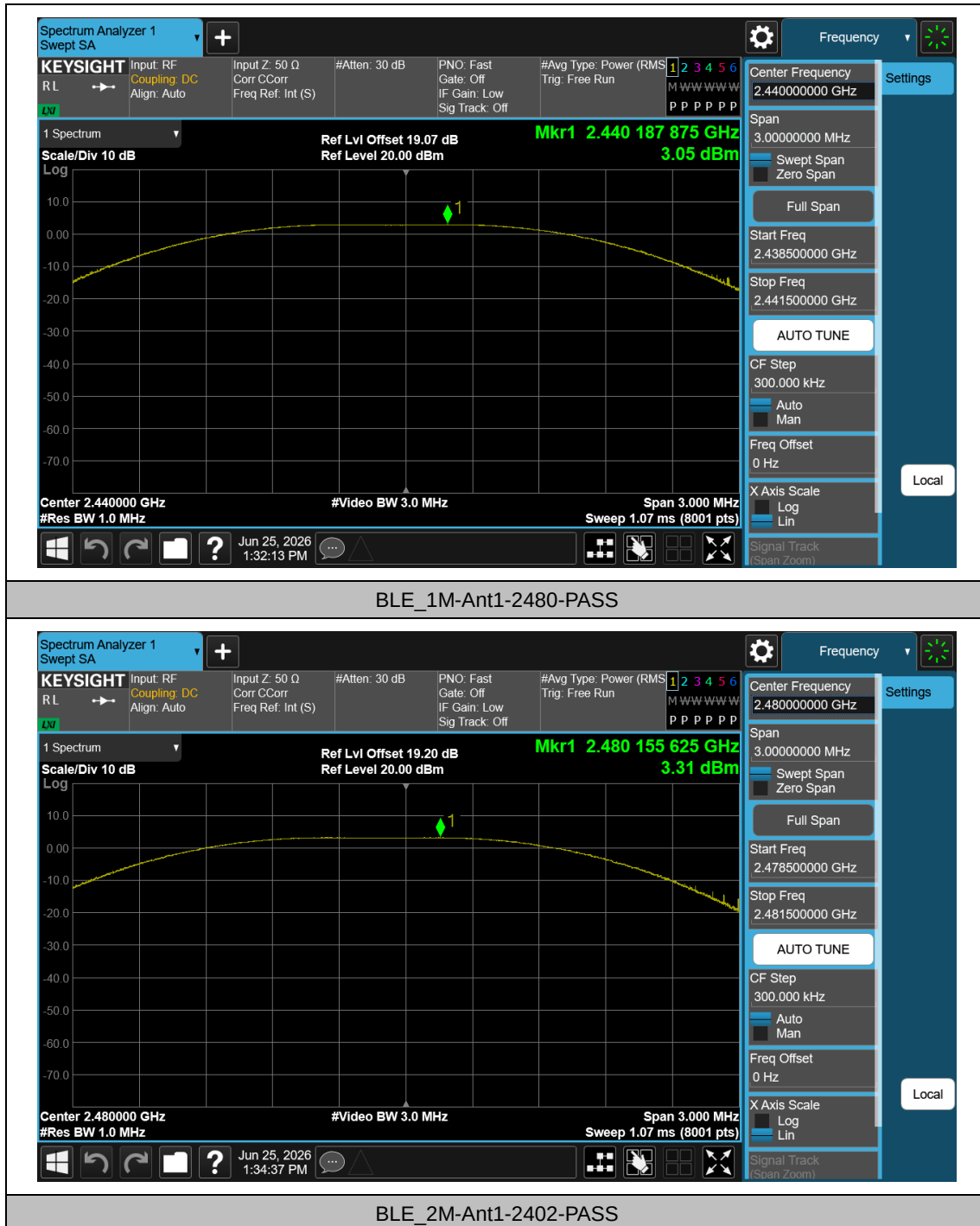
Appendix B: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	2.82	≤30	PASS
BLE_1M	Ant1	2440	3.05	≤30	PASS
BLE_1M	Ant1	2480	3.31	≤30	PASS
BLE_2M	Ant1	2402	2.98	≤30	PASS
BLE_2M	Ant1	2440	3.13	≤30	PASS
BLE_2M	Ant1	2480	3.40	≤30	PASS

Test Graphs Peak







BLE_2M-Ant1-2440-PASS



BLE_2M-Ant1-2480-PASS



Appendix C: Maximum power spectral density

Test Result

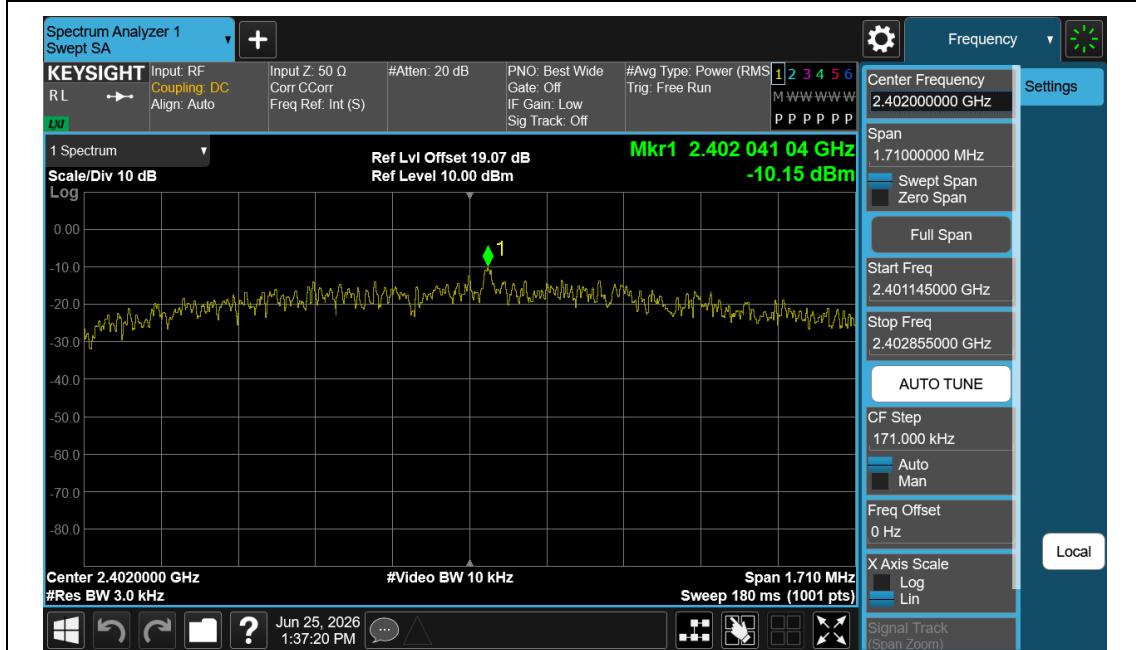
TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-9.80	≤8.00	PASS
BLE_1M	Ant1	2440	-9.82	≤8.00	PASS
BLE_1M	Ant1	2480	-9.27	≤8.00	PASS
BLE_2M	Ant1	2402	-10.15	≤8.00	PASS
BLE_2M	Ant1	2440	-10.64	≤8.00	PASS
BLE_2M	Ant1	2480	-10.53	≤8.00	PASS

Test Graphs





BLE_2M-Ant1-2402-PASS



BLE_2M-Ant1-2440-PASS



Appendix D: Reference level measurement

Test Result

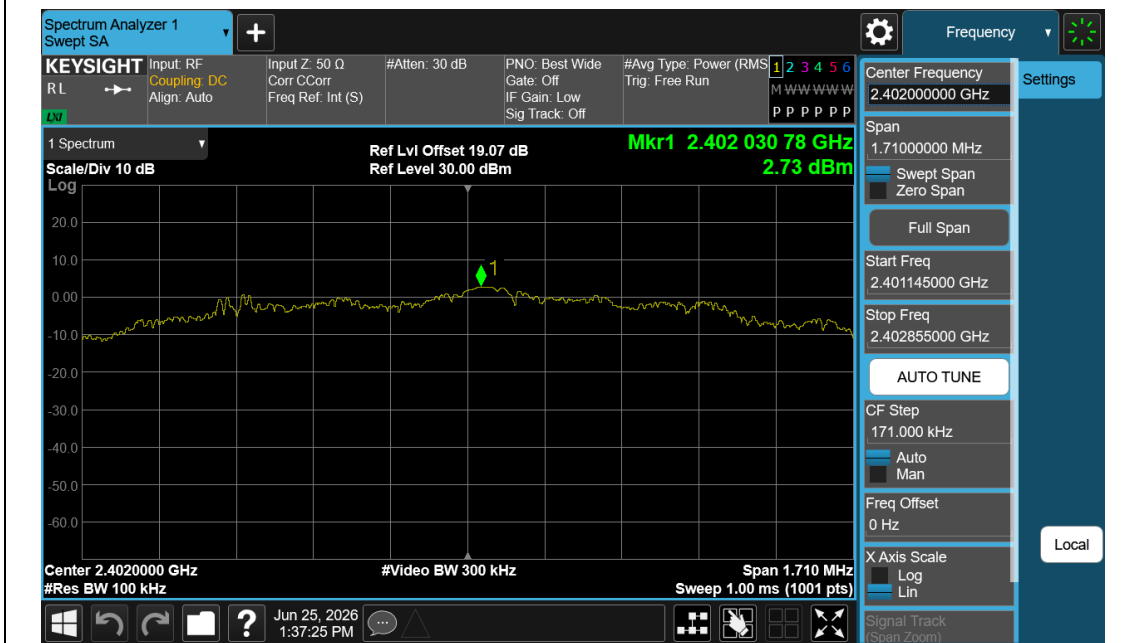
TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
BLE_1M	Ant1	2402	2402.03	2.63
BLE_1M	Ant1	2440	2439.98	2.84
BLE_1M	Ant1	2480	2479.94	3.08
BLE_2M	Ant1	2402	2402.03	2.73
BLE_2M	Ant1	2440	2439.99	2.85
BLE_2M	Ant1	2480	2479.94	3.06

Test Graphs

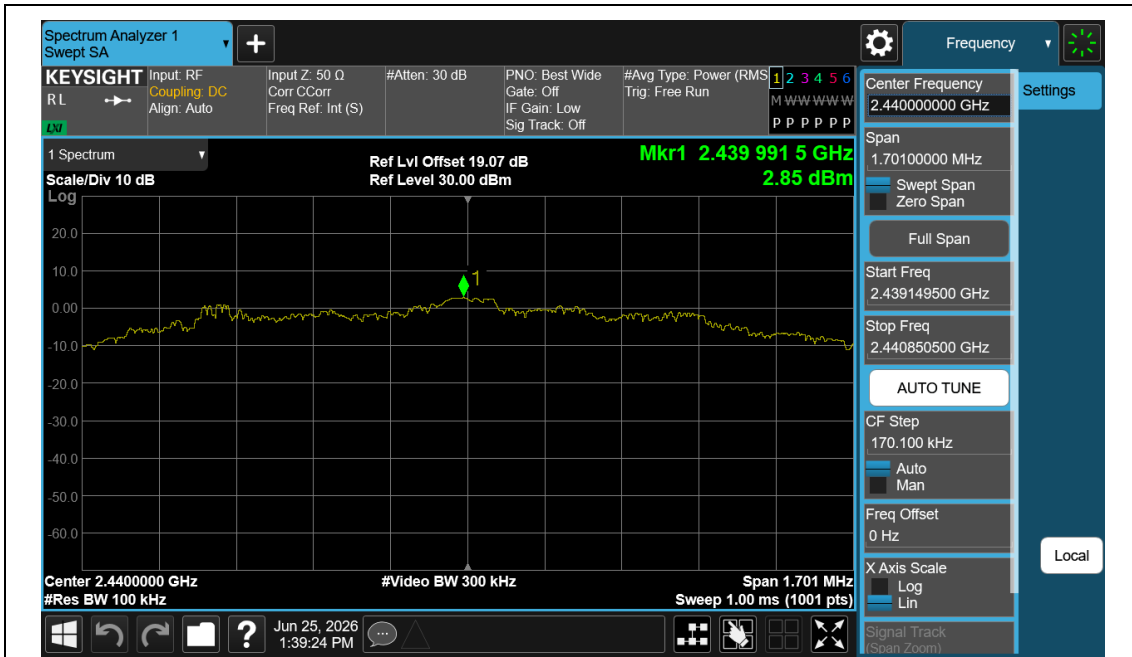




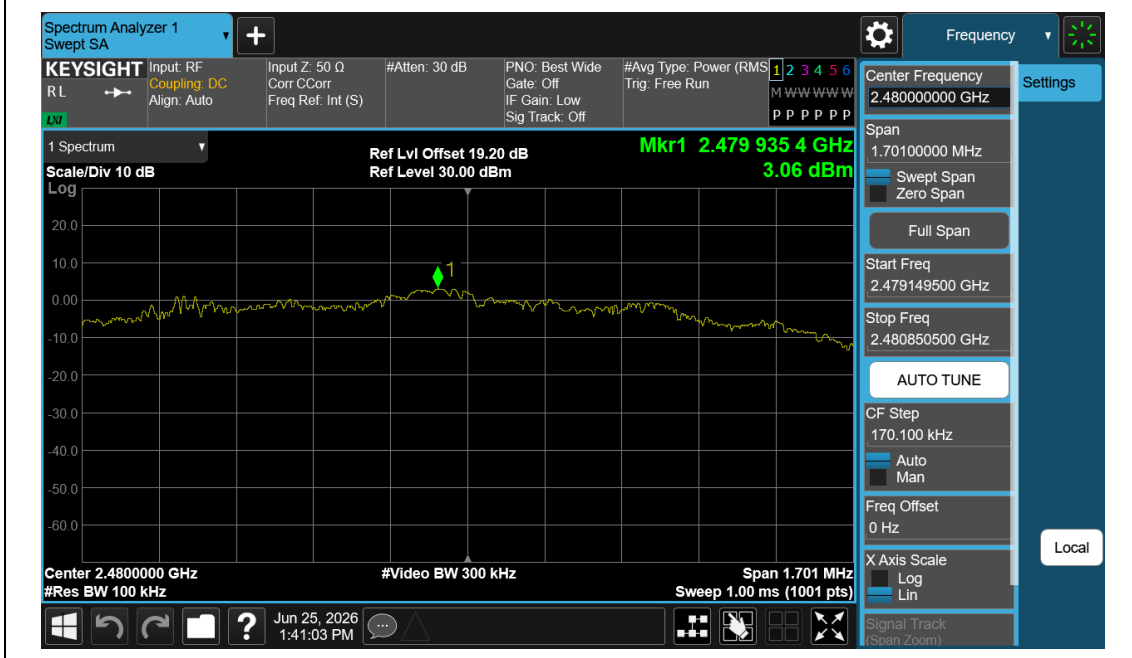
BLE_2M-Ant1-2402-PASS



BLE_2M-Ant1-2440-PASS



BLE_2M-Ant1-2480-PASS

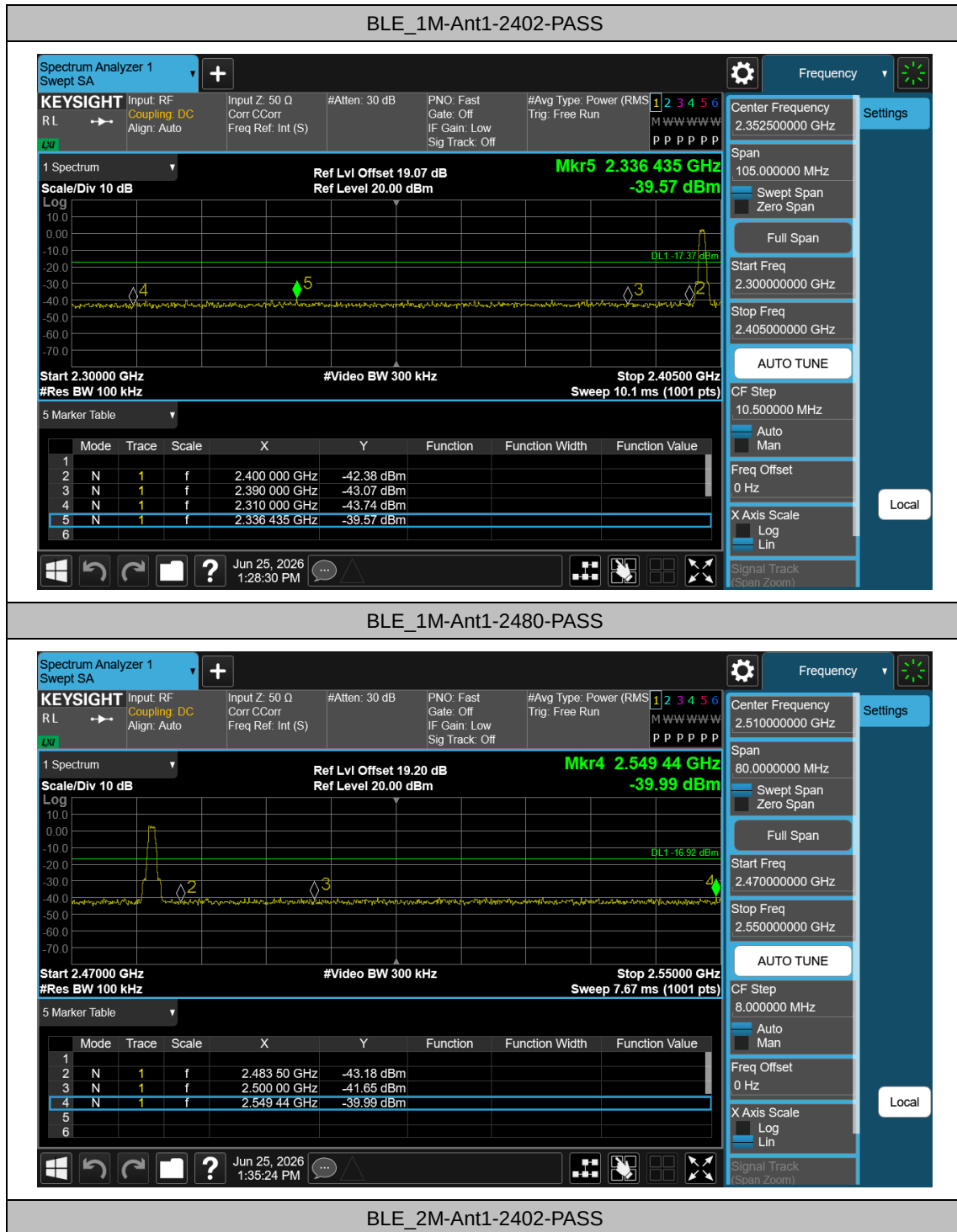


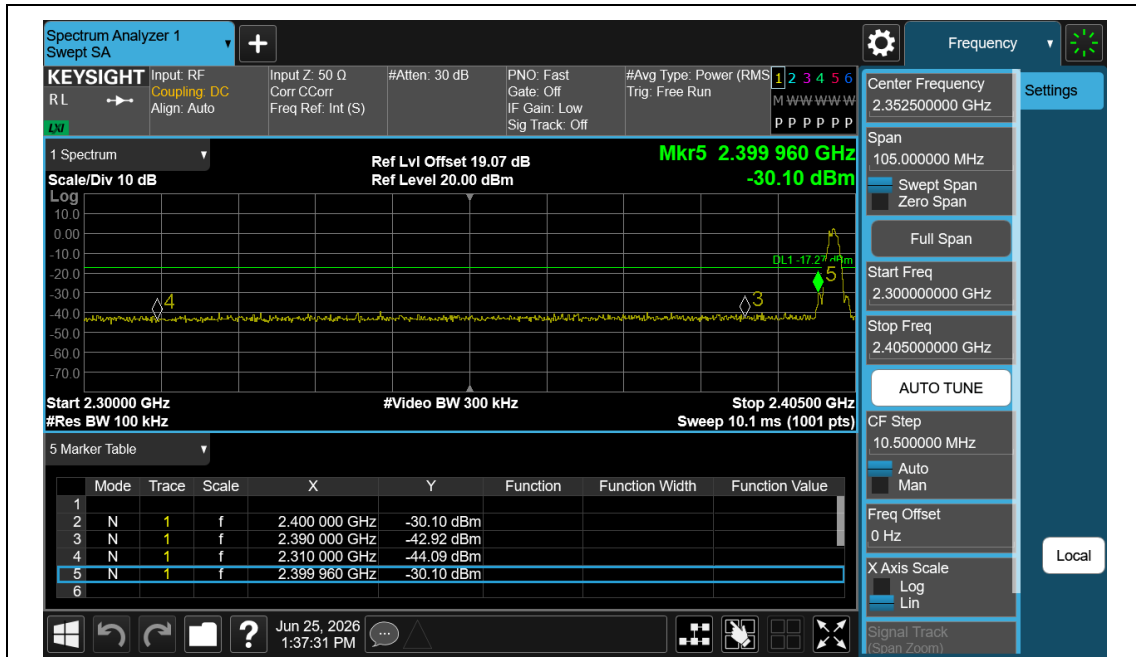
Appendix E: Band edge measurements

Test Result

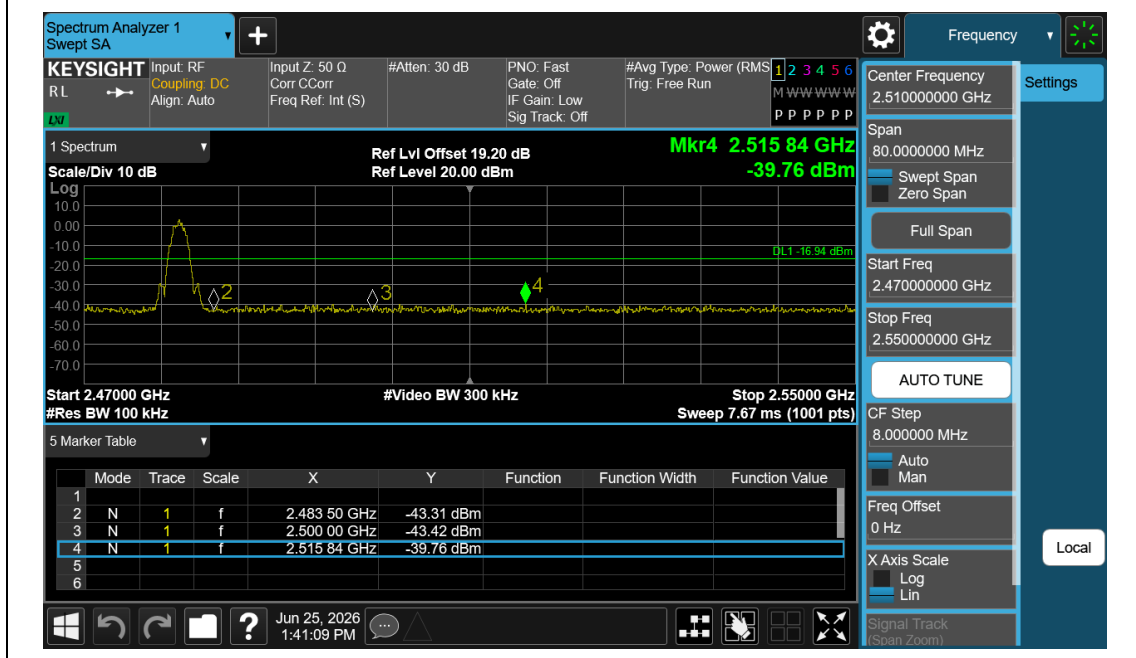
TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	2.63	-39.58	≤-17.37	PASS
BLE_1M	Ant1	High	2480	3.08	-39.99	≤-16.92	PASS
BLE_2M	Ant1	Low	2402	2.73	-30.1	≤-17.27	PASS
BLE_2M	Ant1	High	2480	3.06	-39.76	≤-16.94	PASS

Test Graphs





BLE_2M-Ant1-2480-PASS

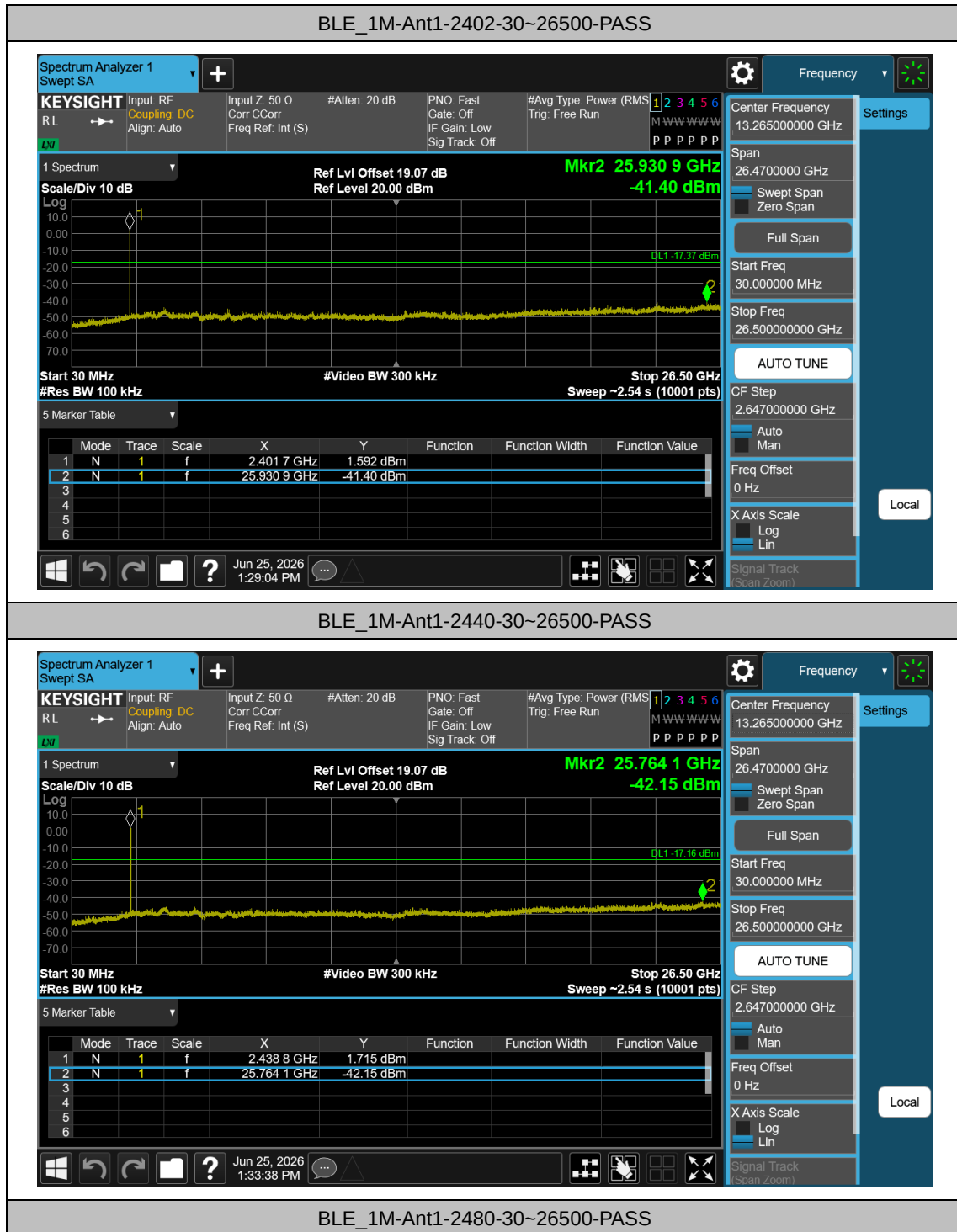


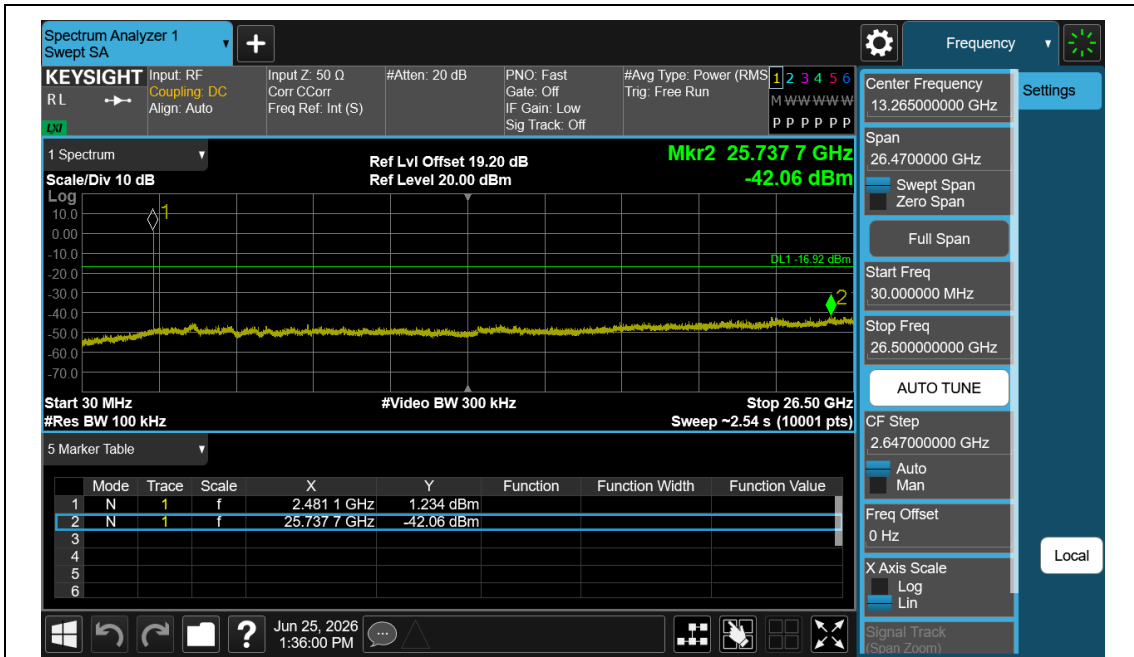
Appendix F: Conducted Spurious Emission

Test Result

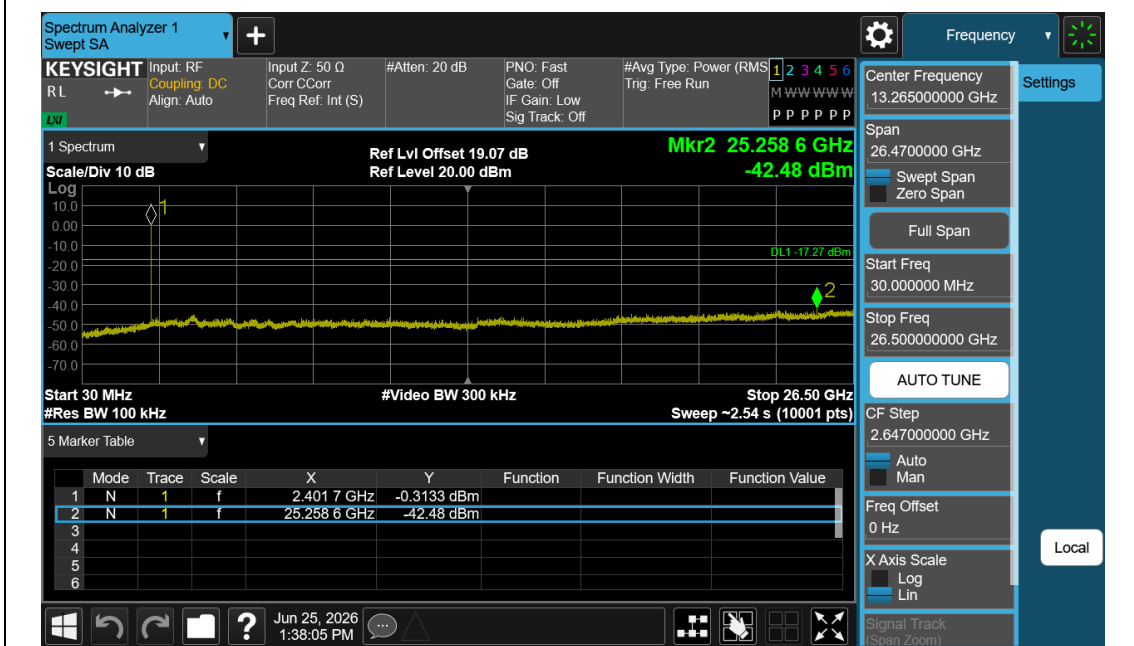
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	30~26500	2.63	-41.4	≤-17.37	PASS
BLE_1M	Ant1	2440	30~26500	2.84	-42.15	≤-17.16	PASS
BLE_1M	Ant1	2480	30~26500	3.08	-42.06	≤-16.92	PASS
BLE_2M	Ant1	2402	30~26500	2.73	-42.48	≤-17.27	PASS
BLE_2M	Ant1	2440	30~26500	2.85	-41.41	≤-17.15	PASS
BLE_2M	Ant1	2480	30~26500	3.06	-41.48	≤-16.94	PASS

Test Graphs

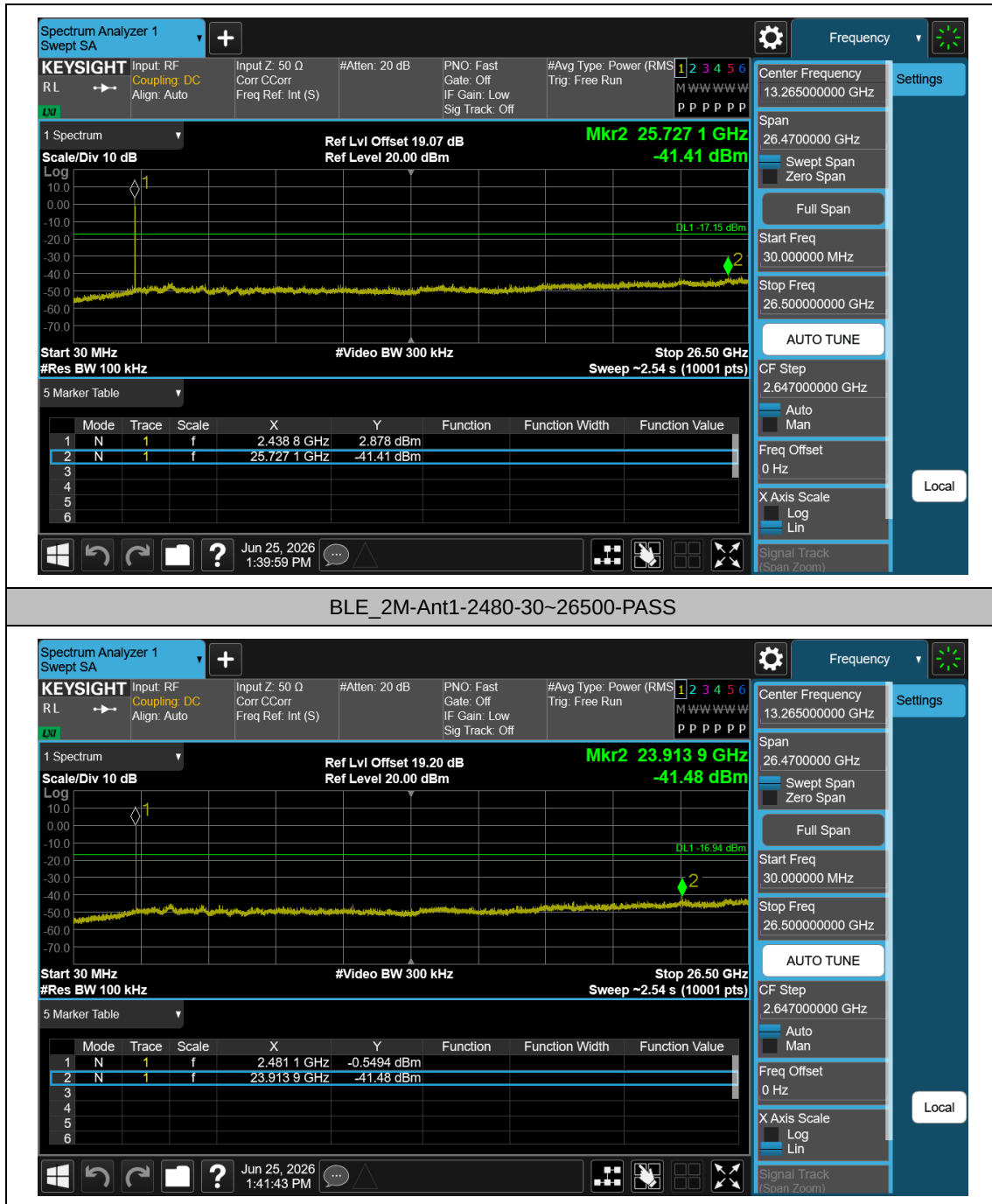




BLE_2M-Ant1-2402-30~26500-PASS



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	2.19	2.28	96.05	0.18
BLE_2M	Ant1	2440	1.12	1.20	93.33	0.30

Test Graphs

