

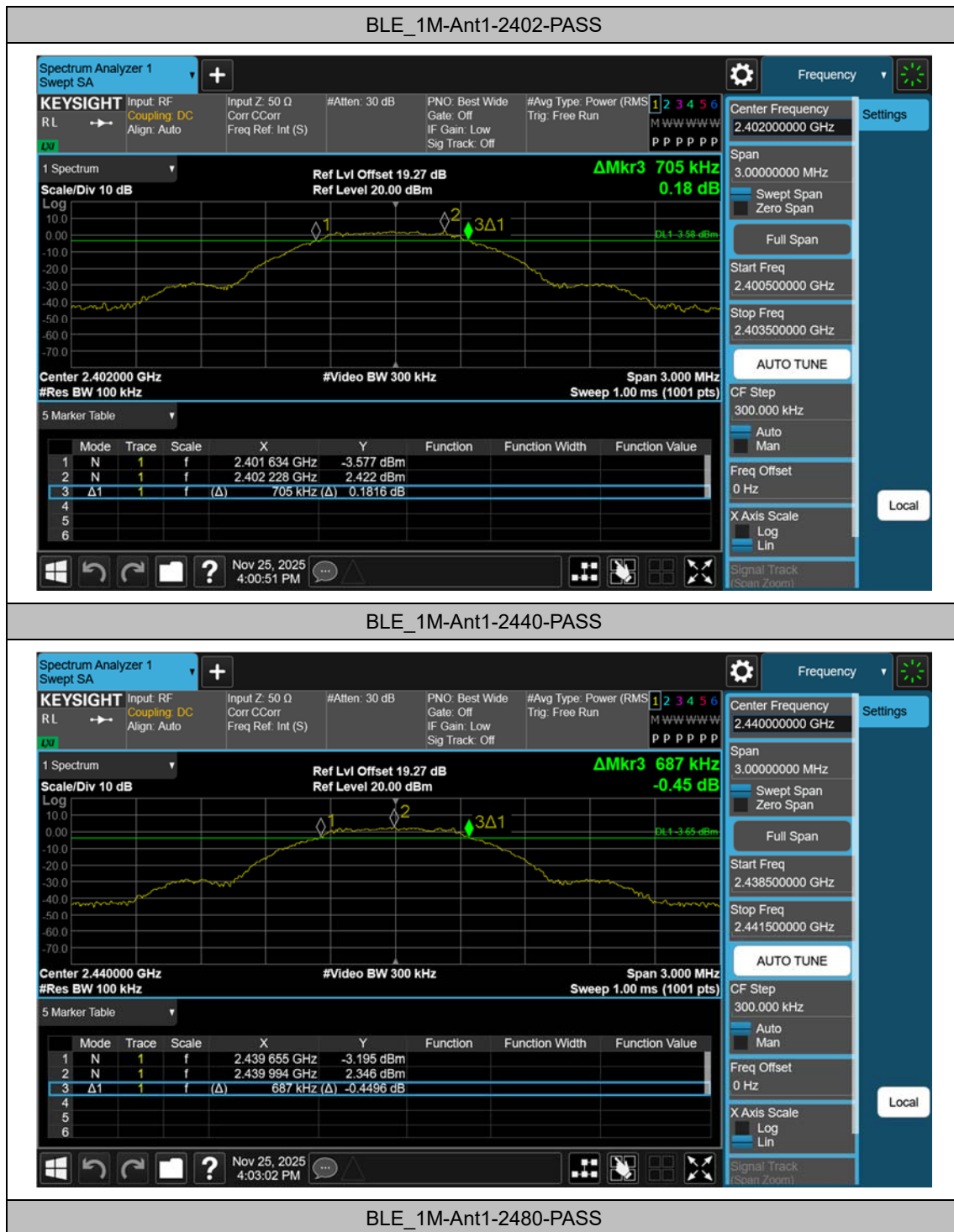


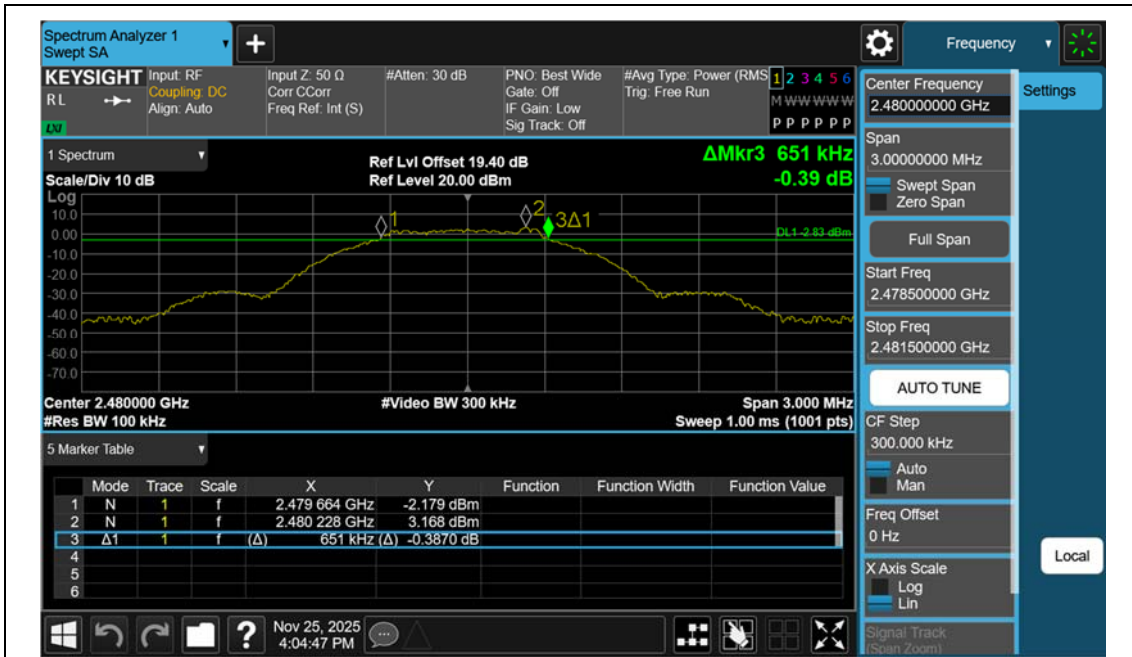
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.705	2401.634	2402.339	0.5	PASS
BLE_1M	Ant1	2440	0.687	2439.655	2440.342	0.5	PASS
BLE_1M	Ant1	2480	0.651	2479.664	2480.315	0.5	PASS
BLE_2M	Ant1	2402	1.326	2401.316	2402.642	0.5	PASS
BLE_2M	Ant1	2440	1.170	2439.430	2440.600	0.5	PASS
BLE_2M	Ant1	2480	1.146	2479.424	2480.570	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	3.62	≤30	PASS
BLE_1M	Ant1	2440	4.00	≤30	PASS
BLE_1M	Ant1	2480	3.85	≤30	PASS
BLE_2M	Ant1	2402	3.77	≤30	PASS
BLE_2M	Ant1	2440	4.07	≤30	PASS
BLE_2M	Ant1	2480	3.95	≤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

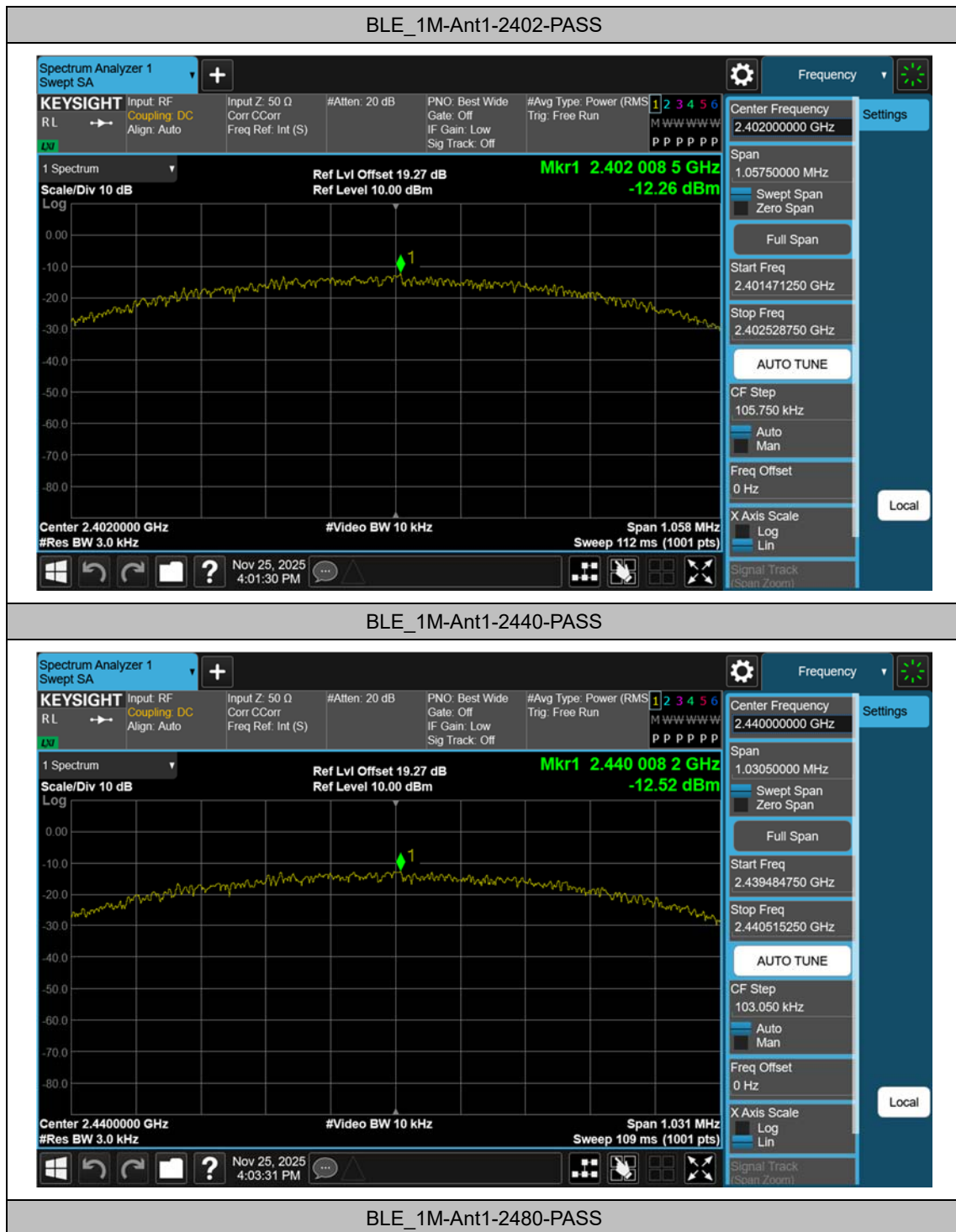


Appendix C: Maximum power spectral density

Test Result

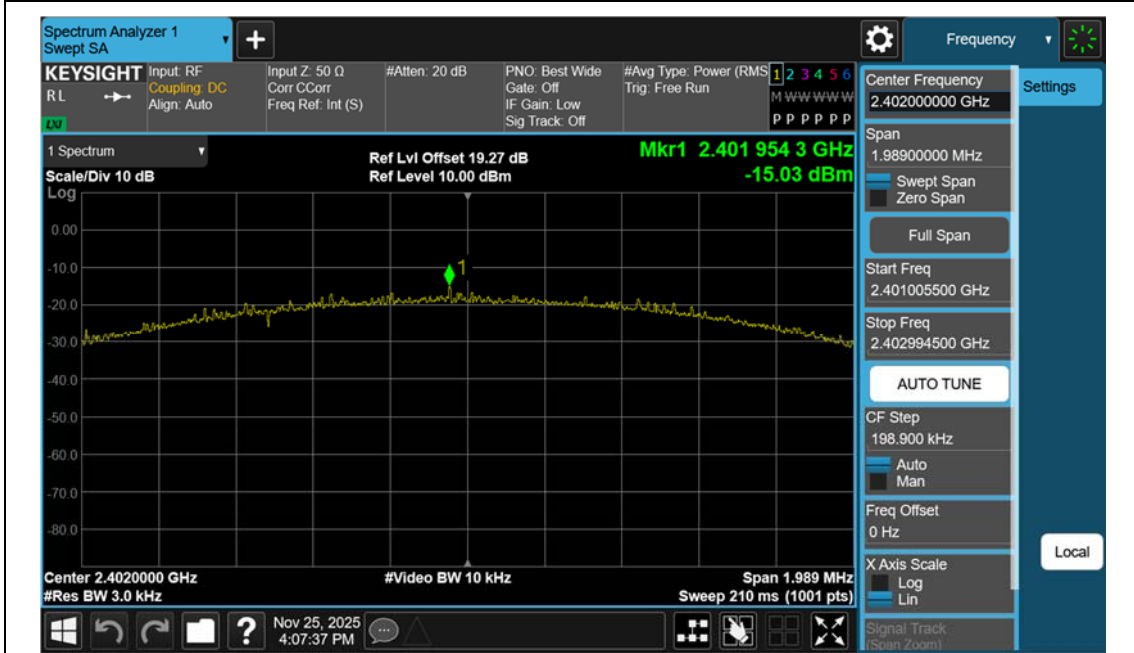
TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-12.26	≤8.00	PASS
BLE_1M	Ant1	2440	-12.52	≤8.00	PASS
BLE_1M	Ant1	2480	-12.44	≤8.00	PASS
BLE_2M	Ant1	2402	-15.03	≤8.00	PASS
BLE_2M	Ant1	2440	-14.58	≤8.00	PASS
BLE_2M	Ant1	2480	-14.70	≤8.00	PASS

Test Graphs





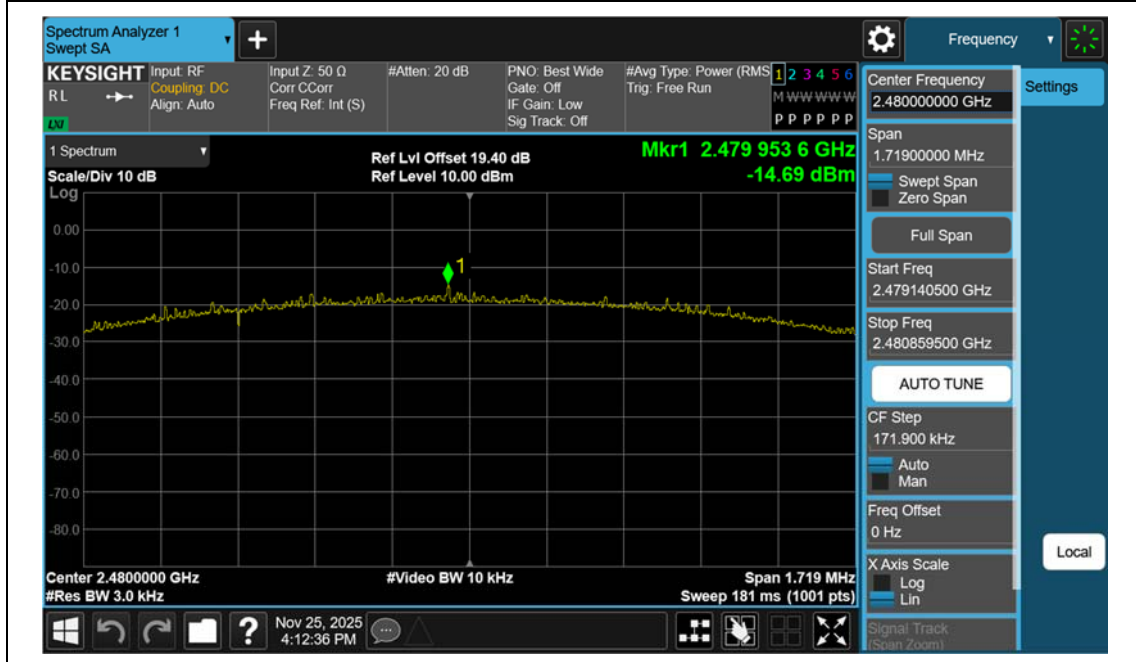
BLE_2M-Ant1-2402-PASS



BLE_2M-Ant1-2440-PASS



BLE_2M-Ant1-2480-PASS



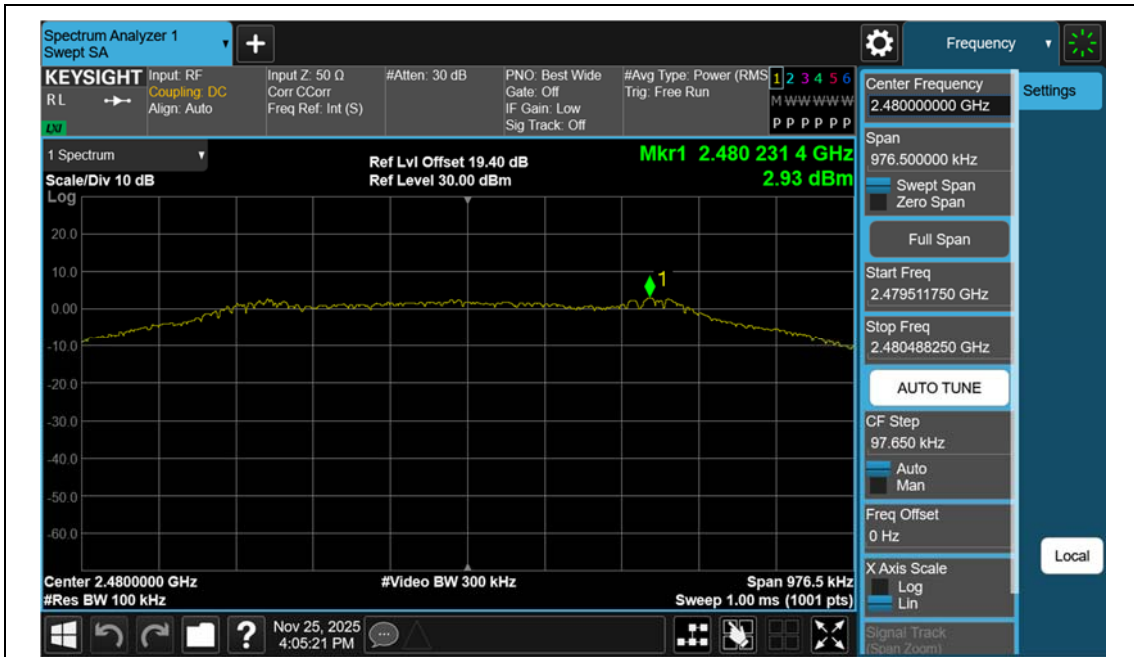
Appendix D: Reference level measurement

Test Result

TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
BLE_1M	Ant1	2402	2402.23	2.75
BLE_1M	Ant1	2440	2440.25	3.50
BLE_1M	Ant1	2480	2480.23	2.93
BLE_2M	Ant1	2402	2402.00	1.97
BLE_2M	Ant1	2440	2439.98	2.63
BLE_2M	Ant1	2480	2480.49	2.18

Test Graphs

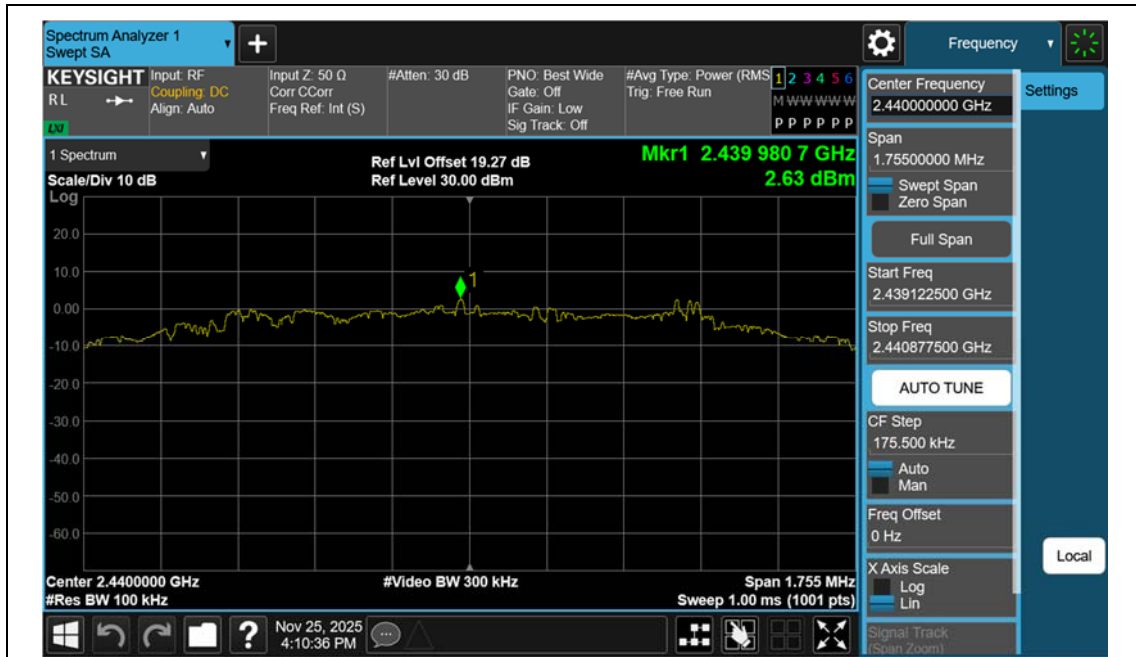




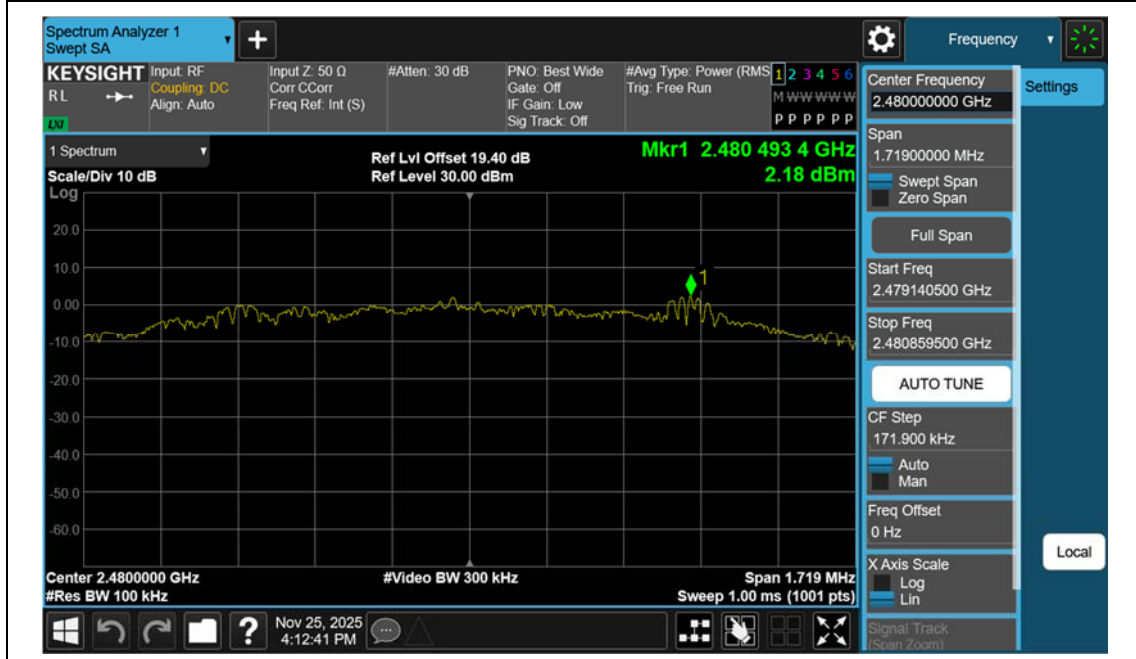
BLE_2M-Ant1-2402-PASS



BLE_2M-Ant1-2440-PASS



BLE_2M-Ant1-2480-PASS

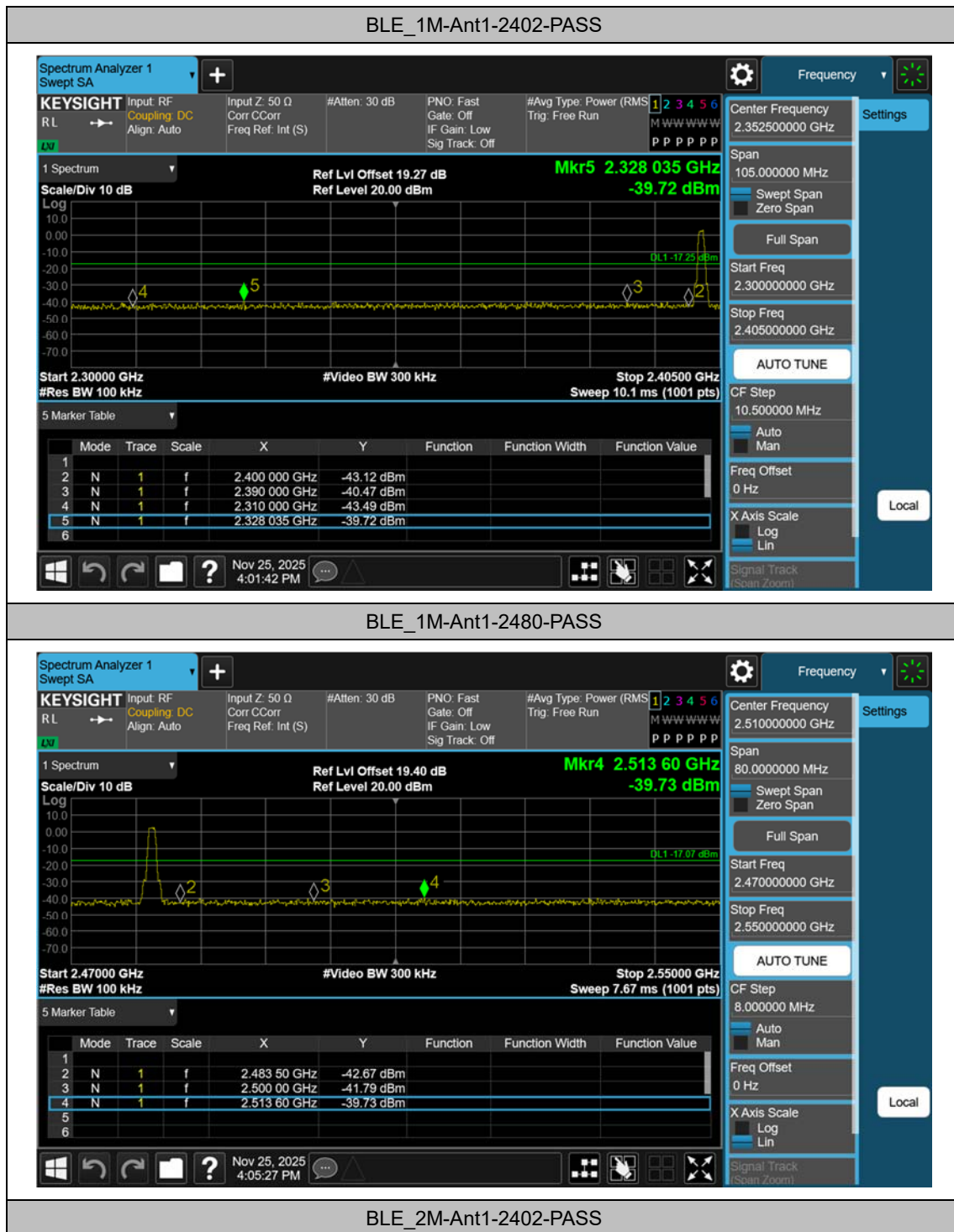


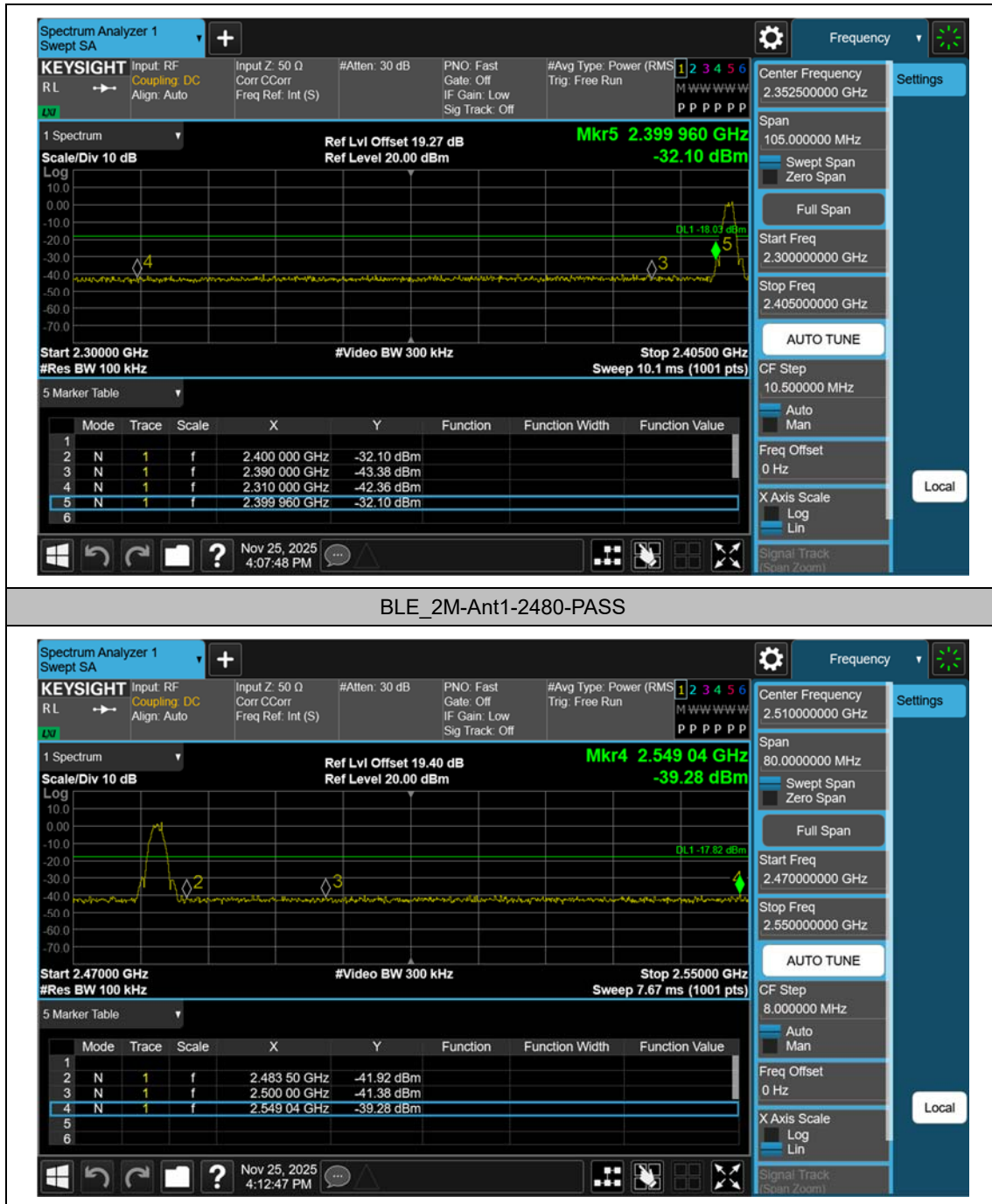
Appendix E: Band edge measurements

Test Result

TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	2.75	-39.72	≤-17.25	PASS
BLE_1M	Ant1	High	2480	2.93	-39.73	≤-17.07	PASS
BLE_2M	Ant1	Low	2402	1.97	-32.1	≤-18.03	PASS
BLE_2M	Ant1	High	2480	2.18	-39.28	≤-17.82	PASS

Test Graphs



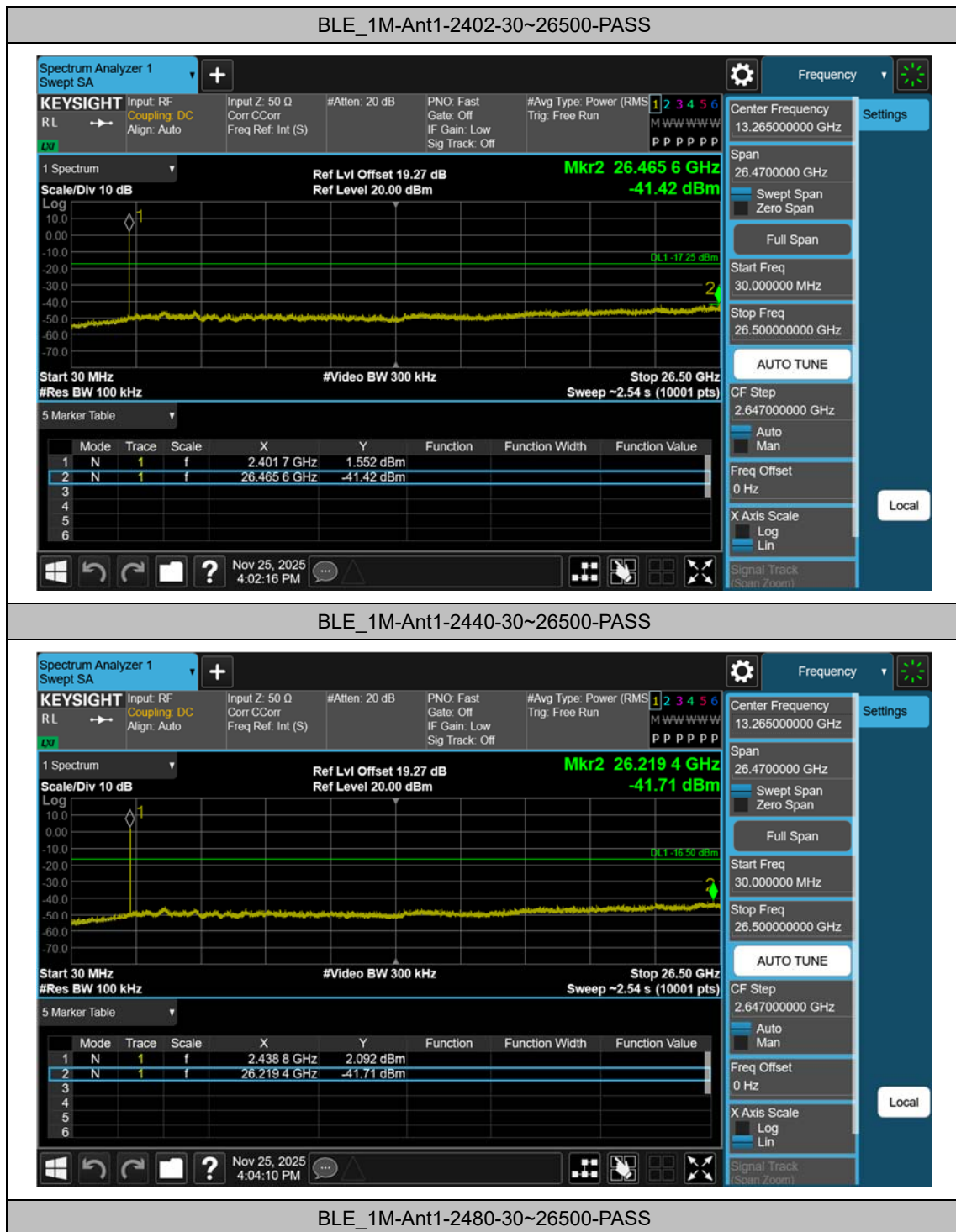


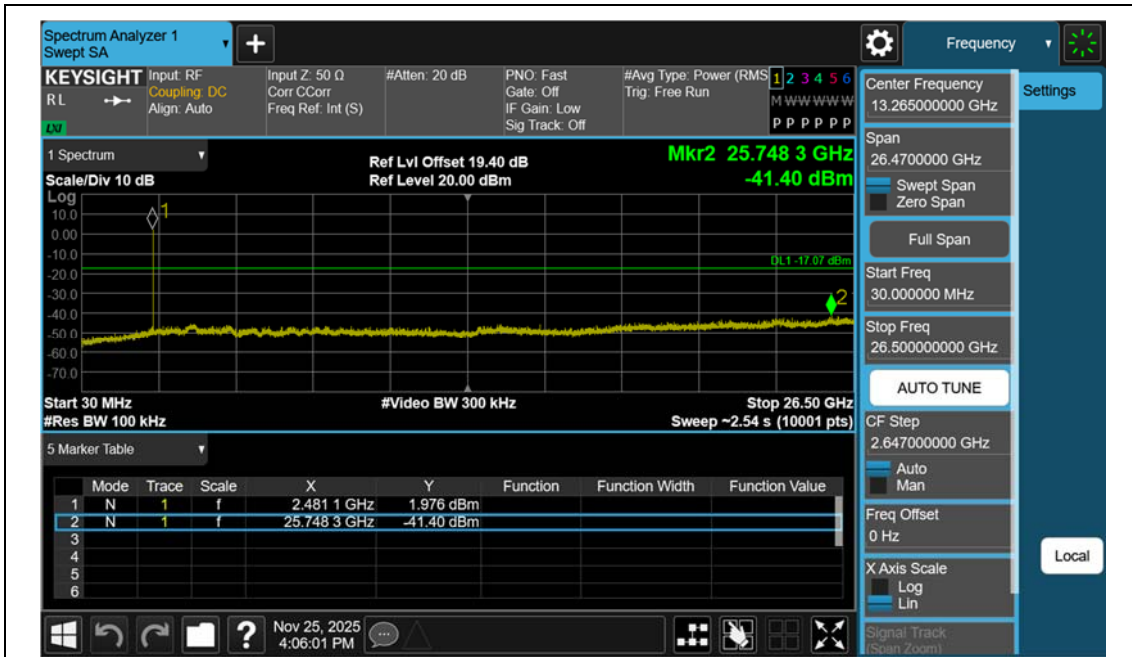
Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	30~26500	2.75	-41.42	≤-17.25	PASS
BLE_1M	Ant1	2440	30~26500	3.50	-41.71	≤-16.5	PASS
BLE_1M	Ant1	2480	30~26500	2.93	-41.4	≤-17.07	PASS
BLE_2M	Ant1	2402	30~26500	1.97	-42.04	≤-18.03	PASS
BLE_2M	Ant1	2440	30~26500	2.63	-40.83	≤-17.37	PASS
BLE_2M	Ant1	2480	30~26500	2.18	-41.42	≤-17.82	PASS

Test Graphs





BLE_2M-Ant1-2402-30~26500-PASS



BLE_2M-Ant1-2440-30~26500-PASS



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	2.13	2.50	85.20	0.70
BLE_2M	Ant1	2440	1.07	1.88	56.91	2.45

Test Graphs

