

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.648	2401.684	2402.332	0.5	PASS
BLE_1M	Ant1	2440	0.660	2439.676	2440.336	0.5	PASS
BLE_1M	Ant1	2480	0.636	2479.688	2480.324	0.5	PASS
BLE_2M	Ant1	2402	1.096	2401.472	2402.568	0.5	PASS
BLE_2M	Ant1	2440	1.100	2439.468	2440.568	0.5	PASS
BLE_2M	Ant1	2480	1.100	2479.468	2480.568	0.5	PASS

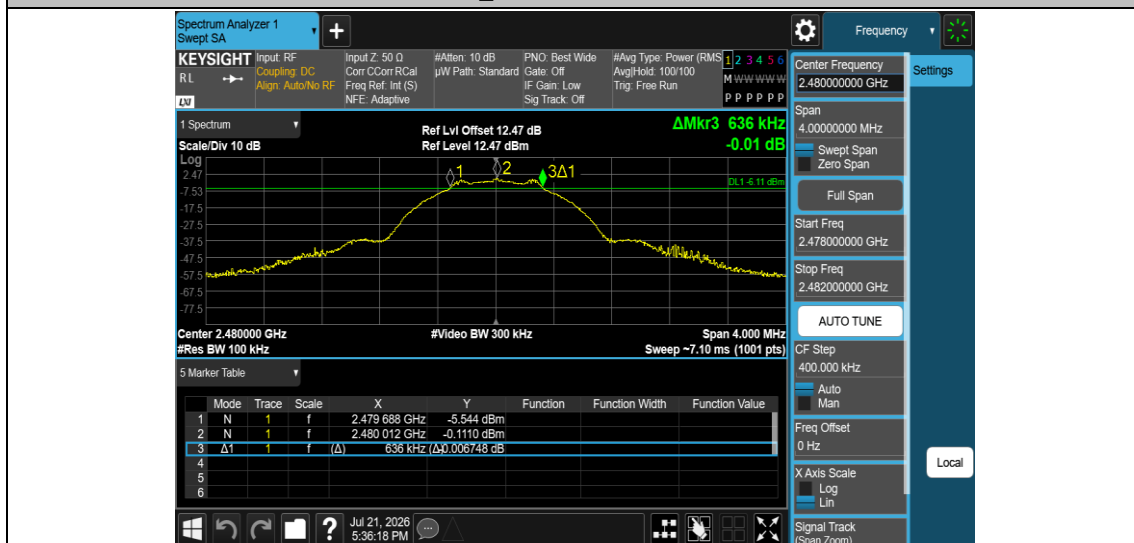
Test Graphs



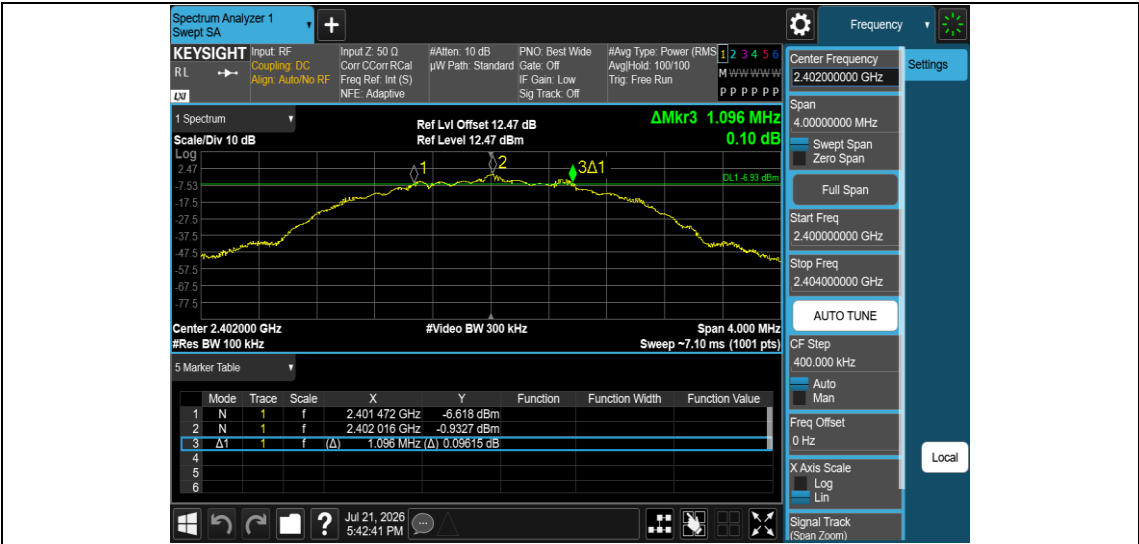
BLE_1M-Ant1-2402-PASS



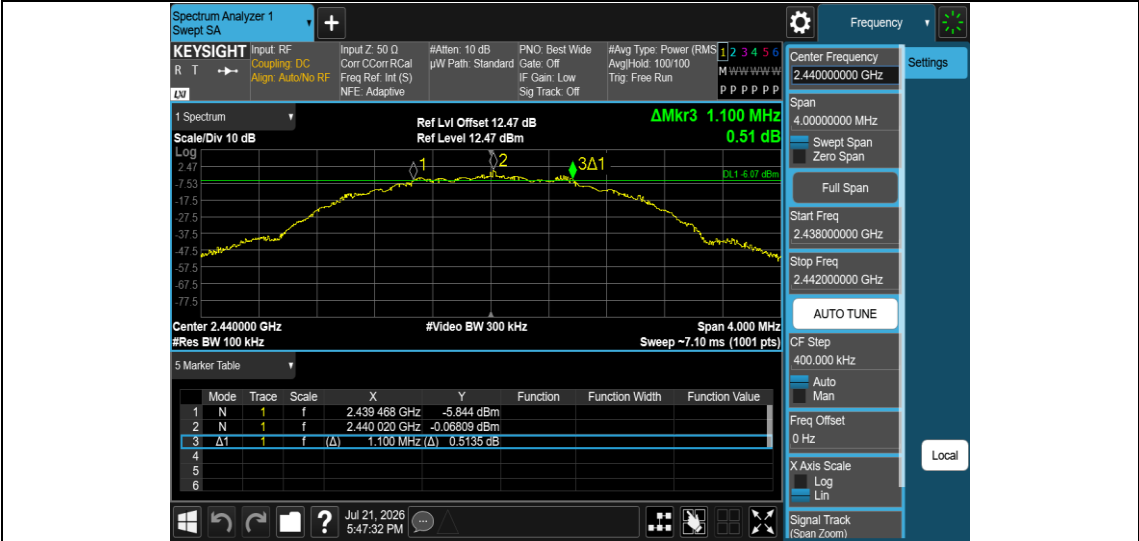
BLE_1M-Ant1-2440-PASS



BLE_1M-Ant1-2480-PASS



BLE_2M-Ant1-2402-PASS



BLE_2M-Ant1-2440-PASS



BLE_2M-Ant1-2480-PASS

Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0202	2401.5011	2402.5213	---	---
BLE_1M	Ant1	2440	1.0197	2439.4991	2440.5188	---	---
BLE_1M	Ant1	2480	1.0173	2479.5020	2480.5193	---	---
BLE_2M	Ant1	2402	2.0239	2401.0033	2403.0272	---	---
BLE_2M	Ant1	2440	2.0214	2439.0087	2441.0301	---	---
BLE_2M	Ant1	2480	2.0333	2479.0028	2481.0361	---	---

Test Graphs





BLE_2M-Ant1-2402



BLE_2M-Ant1-2440



BLE_2M-Ant1-2480

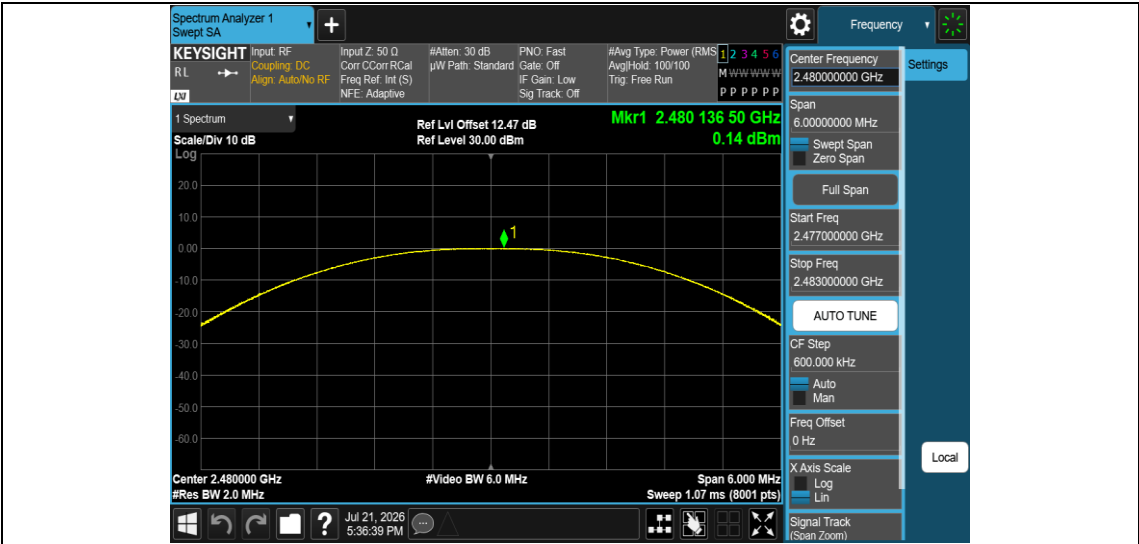
Appendix C: Maximum conducted output power

Test Result Peak

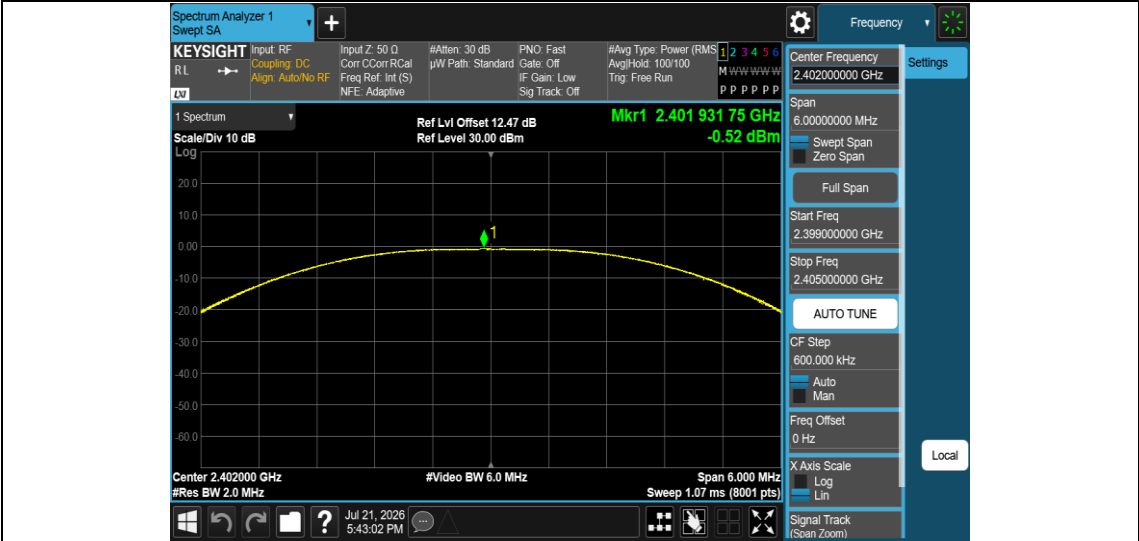
TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0.34	≤30	PASS
BLE_1M	Ant1	2440	0.11	≤30	PASS
BLE_1M	Ant1	2480	0.14	≤30	PASS
BLE_2M	Ant1	2402	-0.52	≤30	PASS
BLE_2M	Ant1	2440	0.28	≤30	PASS
BLE_2M	Ant1	2480	0.40	≤30	PASS

Test Graphs Peak

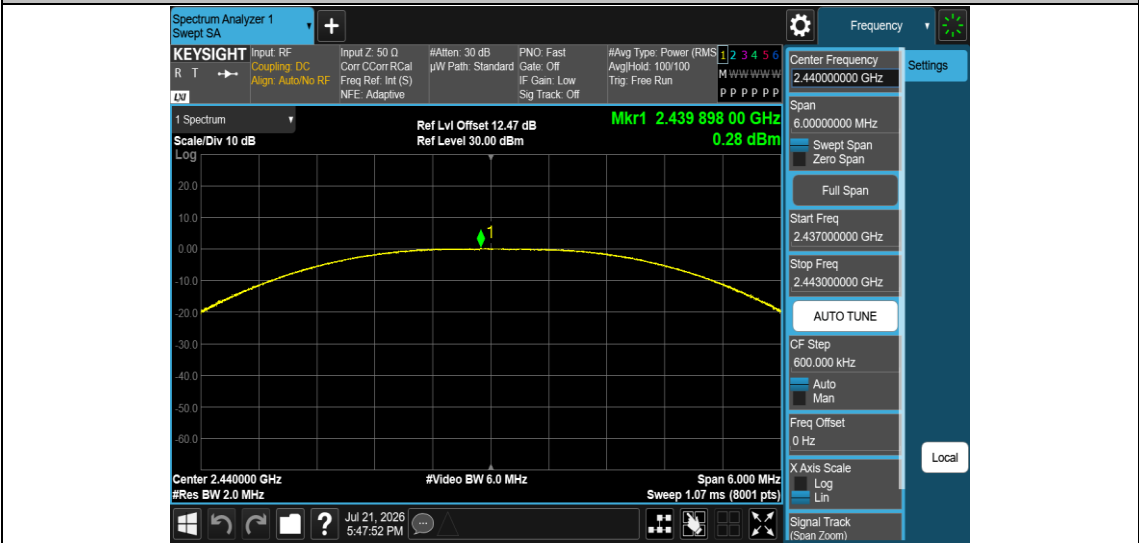




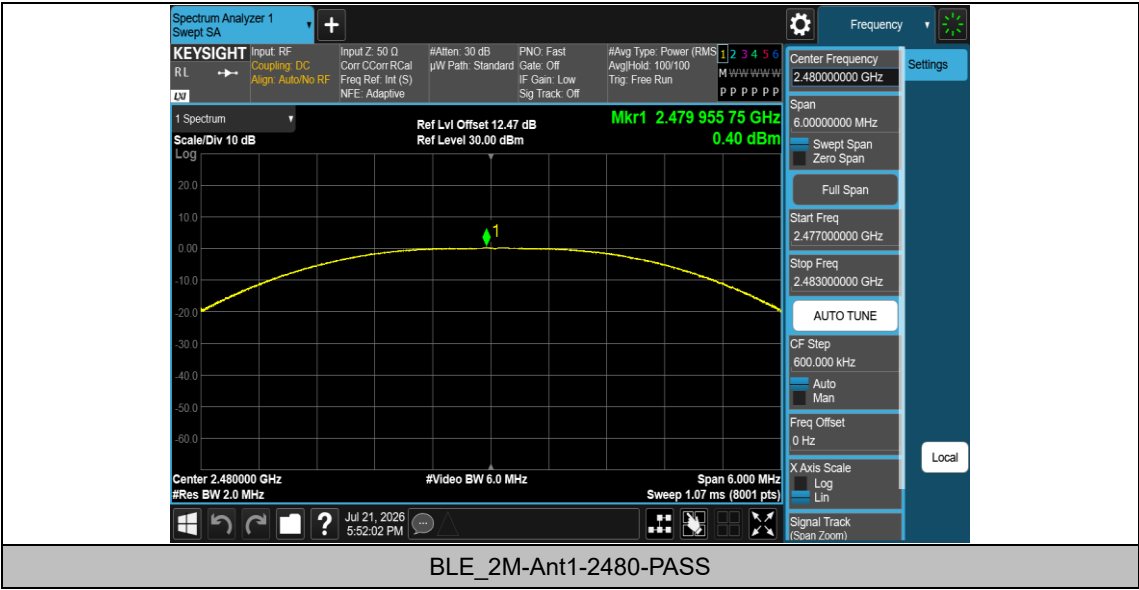
BLE_1M-Ant1-2480-PASS



BLE_2M-Ant1-2402-PASS



BLE_2M-Ant1-2440-PASS

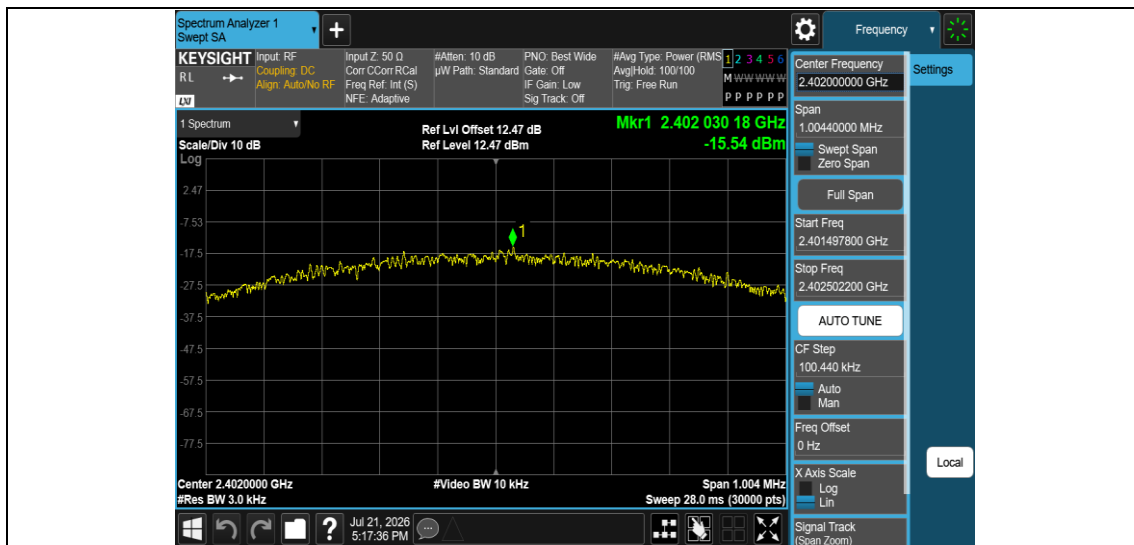


Appendix D: Maximum power spectral density

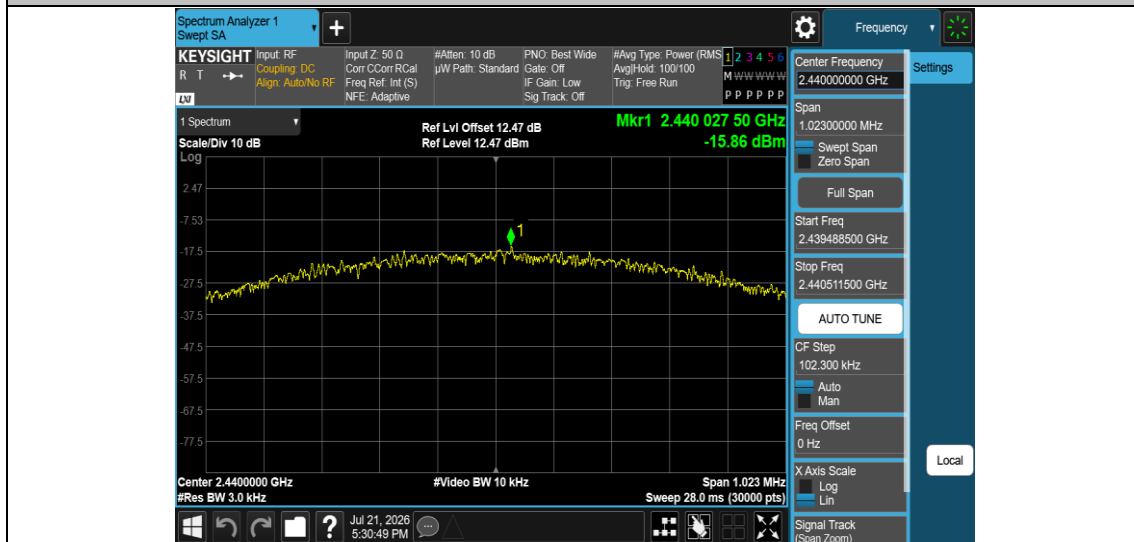
Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-15.54	≤8.00	PASS
BLE_1M	Ant1	2440	-15.86	≤8.00	PASS
BLE_1M	Ant1	2480	-15.54	≤8.00	PASS
BLE_2M	Ant1	2402	-18.32	≤8.00	PASS
BLE_2M	Ant1	2440	-17.78	≤8.00	PASS
BLE_2M	Ant1	2480	-17.35	≤8.00	PASS

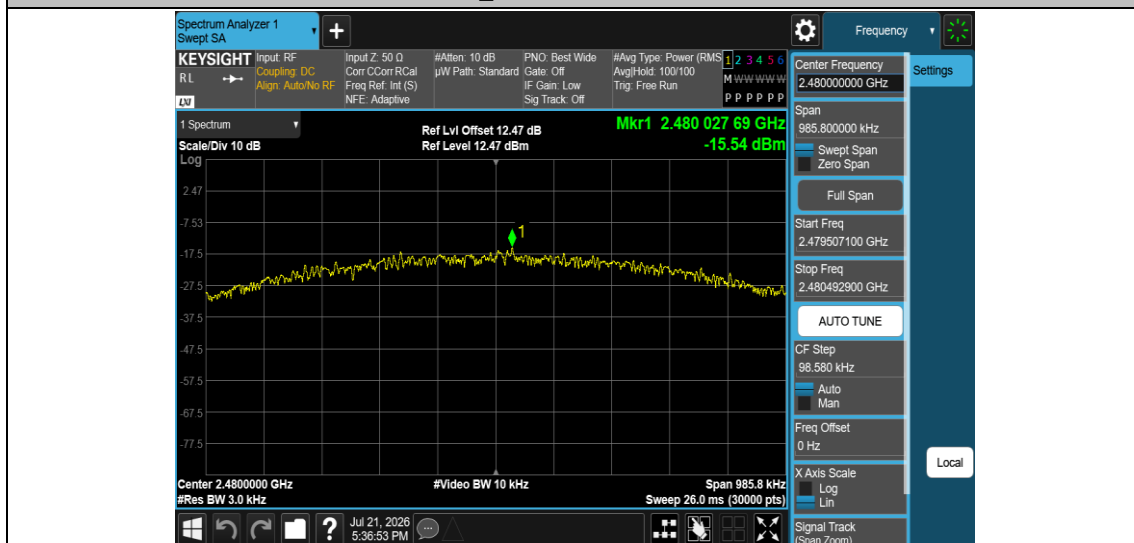
Test Graphs



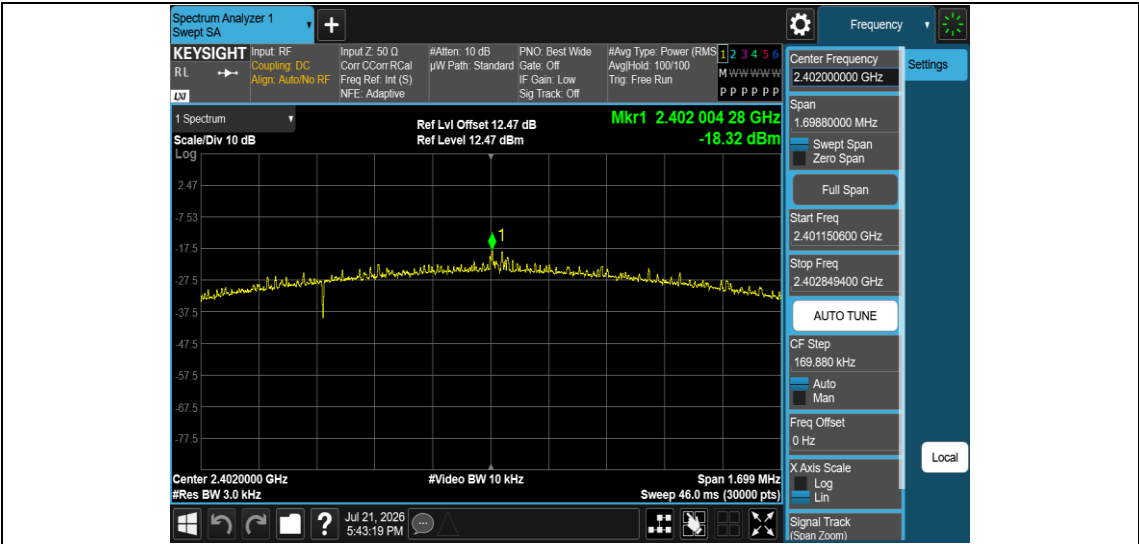
BLE_1M-Ant1-2402-PASS



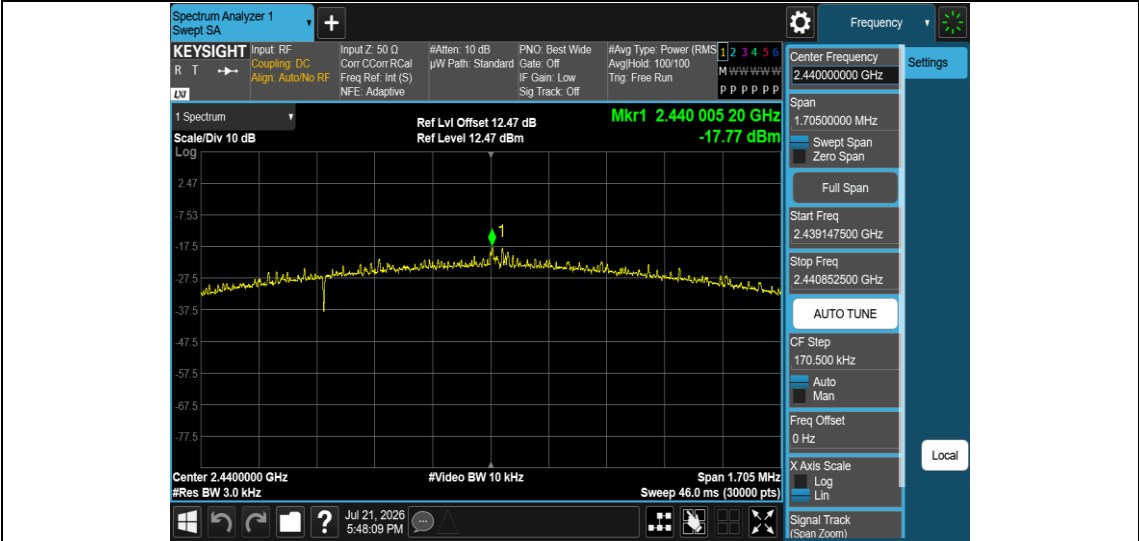
BLE_1M-Ant1-2440-PASS



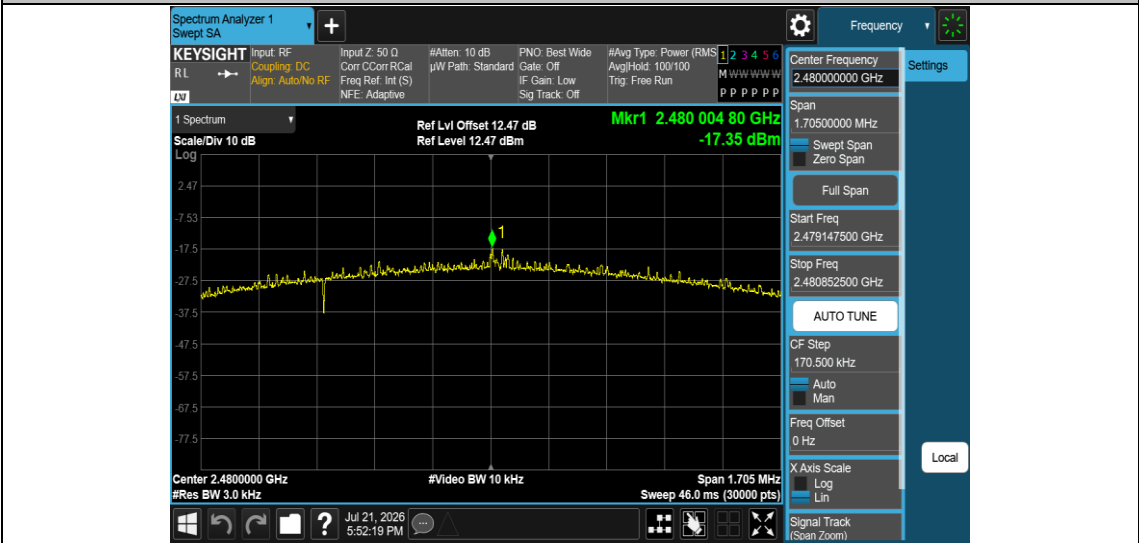
BLE_1M-Ant1-2480-PASS



BLE_2M-Ant1-2402-PASS



BLE_2M-Ant1-2440-PASS



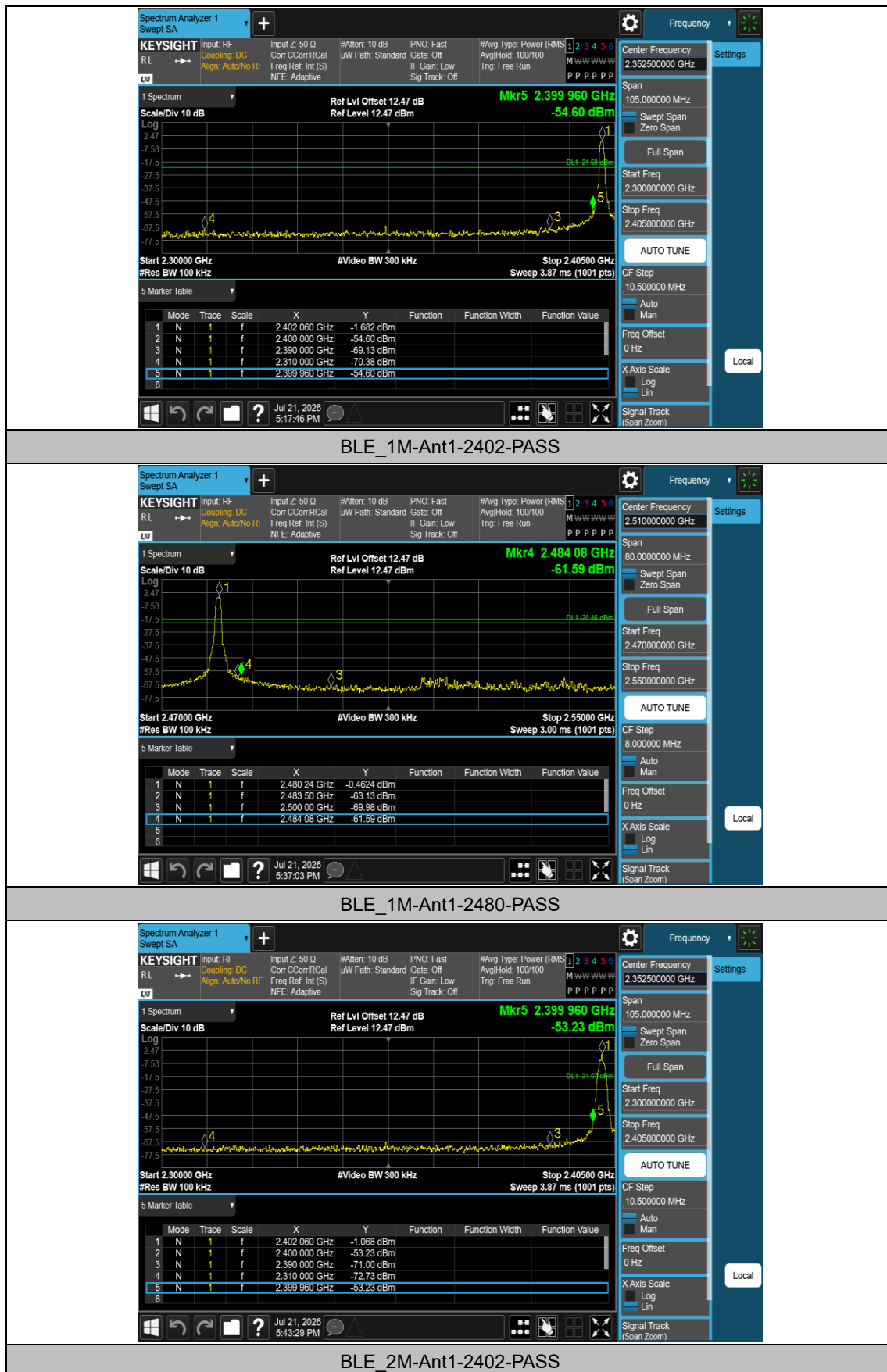
BLE_2M-Ant1-2480-PASS

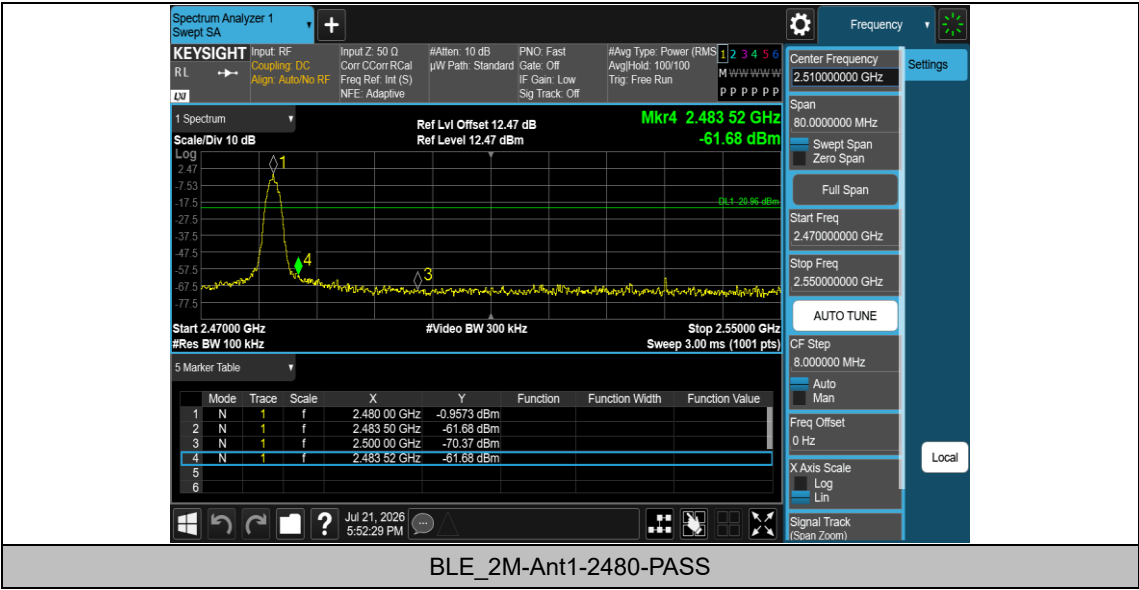
Appendix E: Band edge measurements

Test Result

TestMod e	Antenn a	ChNam e	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdic t
BLE_1M	Ant1	Low	2402	-1.68	-54.6	≤-21.68	PASS
BLE_1M	Ant1	High	2480	-0.46	-61.59	≤-20.46	PASS
BLE_2M	Ant1	Low	2402	-1.07	-53.23	≤-21.07	PASS
BLE_2M	Ant1	High	2480	-0.96	-61.68	≤-20.96	PASS

Test Graphs





Appendix F: Conducted Spurious Emission

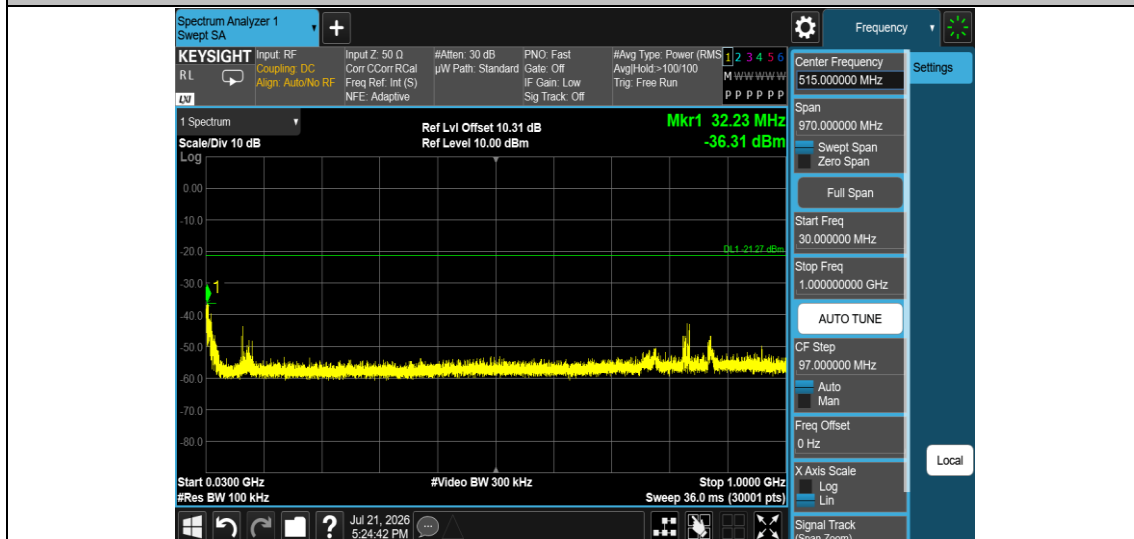
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-1.27	-1.27	---	PASS
BLE_1M	Ant1	2402	30~1000	-1.27	-36.54	≤-21.27	PASS
BLE_1M	Ant1	2402	1000~26500	-1.27	-38.05	≤-21.27	PASS
BLE_1M	Ant1	2440	0~Reference	-0.26	-0.26	---	PASS
BLE_1M	Ant1	2440	30~1000	-0.26	-35.88	≤-20.26	PASS
BLE_1M	Ant1	2440	1000~26500	-0.26	-37.91	≤-20.26	PASS
BLE_1M	Ant1	2480	0~Reference	0.08	0.08	---	PASS
BLE_1M	Ant1	2480	30~1000	0.08	-39.52	≤-19.92	PASS
BLE_1M	Ant1	2480	1000~26500	0.08	-34.57	≤-19.92	PASS
BLE_2M	Ant1	2402	0~Reference	-1.16	-1.16	---	PASS
BLE_2M	Ant1	2402	30~1000	-1.16	-36.32	≤-21.16	PASS
BLE_2M	Ant1	2402	1000~26500	-1.16	-37.85	≤-21.16	PASS
BLE_2M	Ant1	2440	0~Reference	-0.05	-0.05	---	PASS
BLE_2M	Ant1	2440	30~1000	-0.05	-36.54	≤-20.05	PASS
BLE_2M	Ant1	2440	1000~26500	-0.05	-31.46	≤-20.05	PASS
BLE_2M	Ant1	2480	0~Reference	-0.18	-0.18	---	PASS
BLE_2M	Ant1	2480	30~1000	-0.18	-36.53	≤-20.18	PASS
BLE_2M	Ant1	2480	1000~26500	-0.18	-26.52	≤-20.18	PASS

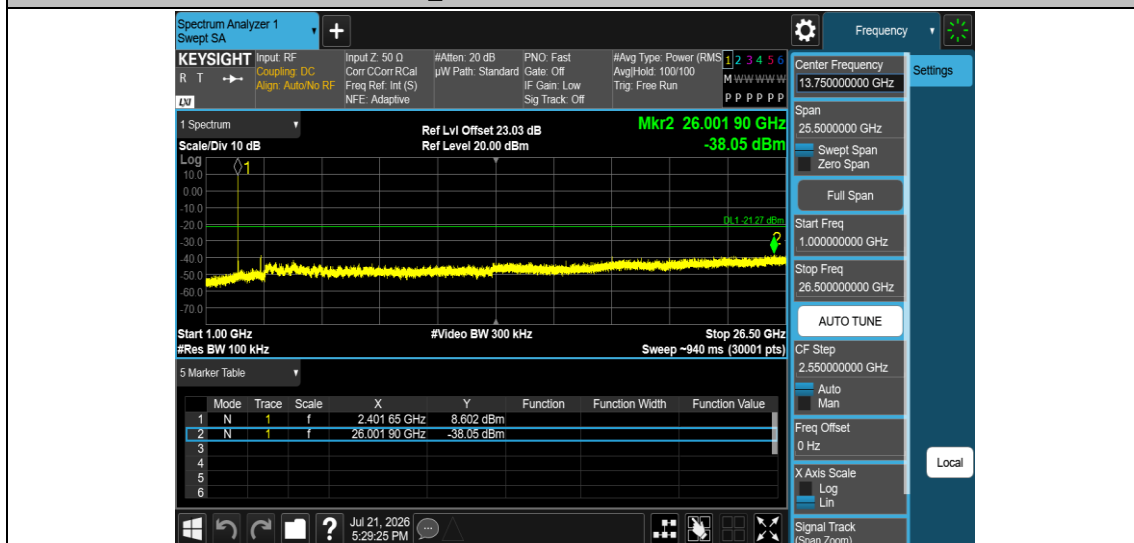
Test Graphs



BLE_1M-Ant1-2402-0~Reference-PASS



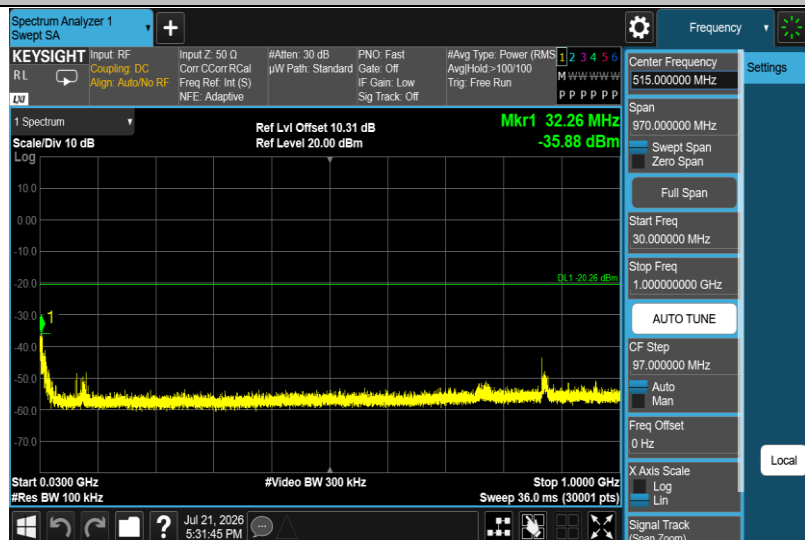
BLE_1M-Ant1-2402-30~1000-PASS



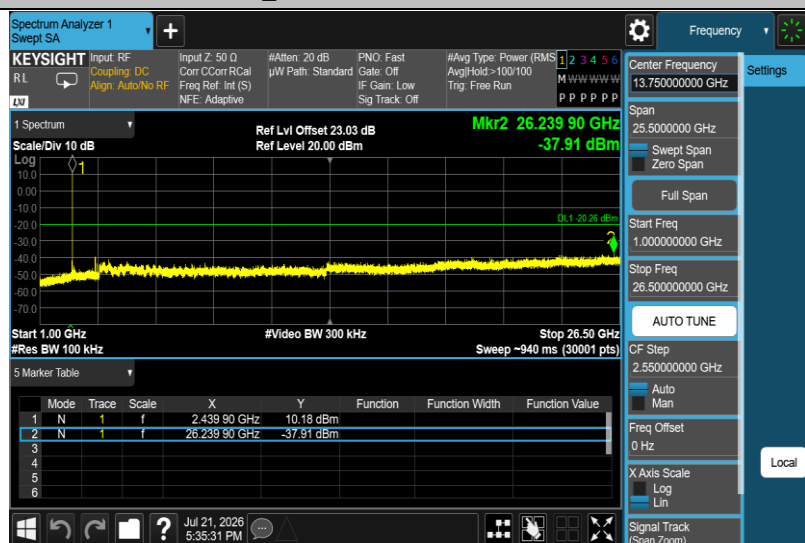
BLE_1M-Ant1-2402-1000~26500-PASS



BLE_1M-Ant1-2440-0~Reference-PASS



BLE_1M-Ant1-2440-30~1000-PASS



BLE_1M-Ant1-2440-1000~26500-PASS