

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Channel[MHz]	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.676	2401.644	2402.320	0.5	PASS
BLE_1M	Ant1	2440	0.640	2439.664	2440.304	0.5	PASS
BLE_1M	Ant1	2480	0.692	2479.636	2480.328	0.5	PASS
BLE_2M	Ant1	2402	1.124	2401.420	2402.544	0.5	PASS
BLE_2M	Ant1	2440	1.136	2439.432	2440.568	0.5	PASS
BLE_2M	Ant1	2480	1.076	2479.464	2480.540	0.5	PASS

Test Graphs

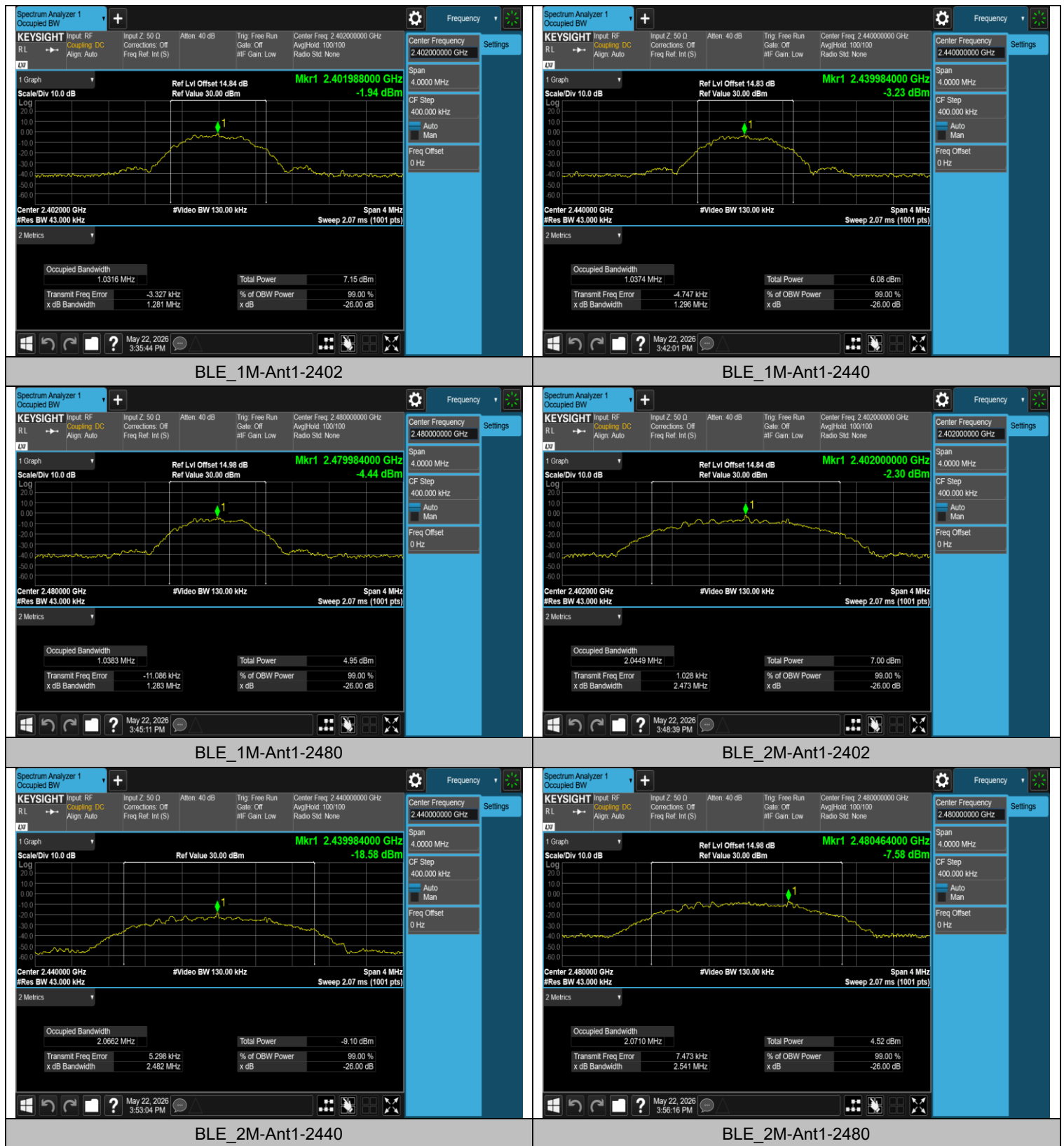


Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel[MHz]	OCB[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0316	2401.4809	2402.5125	---	---
BLE_1M	Ant1	2440	1.0374	2439.4766	2440.5140	---	---
BLE_1M	Ant1	2480	1.0383	2479.4698	2480.5081	---	---
BLE_2M	Ant1	2402	2.0449	2400.9786	2403.0235	---	---
BLE_2M	Ant1	2440	2.0662	2438.9722	2441.0384	---	---
BLE_2M	Ant1	2480	2.0710	2478.9720	2481.0430	---	---

Test Graphs

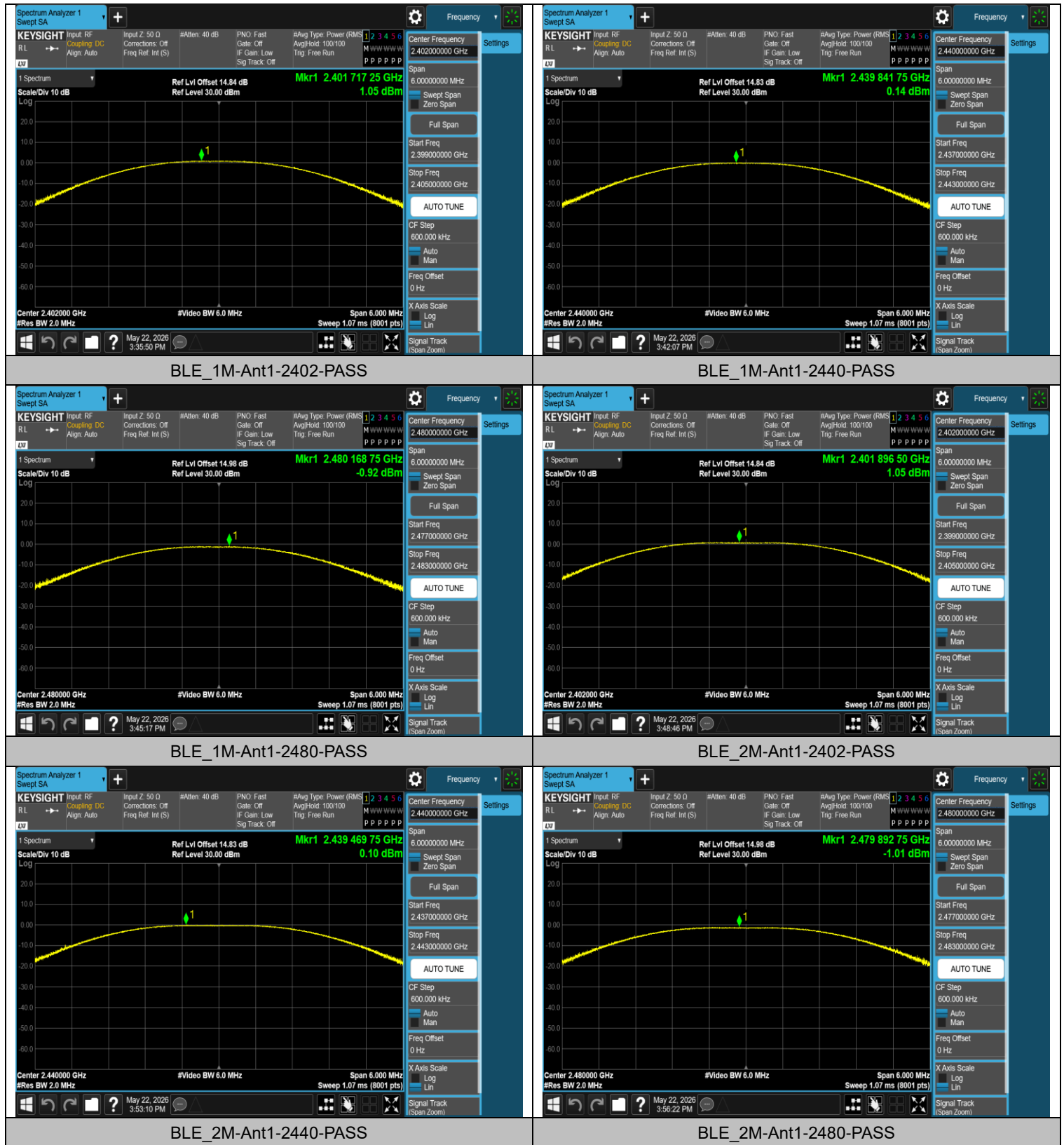


Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Channel [MHz]	Conducted Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	1.05	≤30	PASS
BLE_1M	Ant1	2440	0.14	≤30	PASS
BLE_1M	Ant1	2480	-0.92	≤30	PASS
BLE_2M	Ant1	2402	1.05	≤30	PASS
BLE_2M	Ant1	2440	0.10	≤30	PASS
BLE_2M	Ant1	2480	-1.01	≤30	PASS

Test Graphs Peak

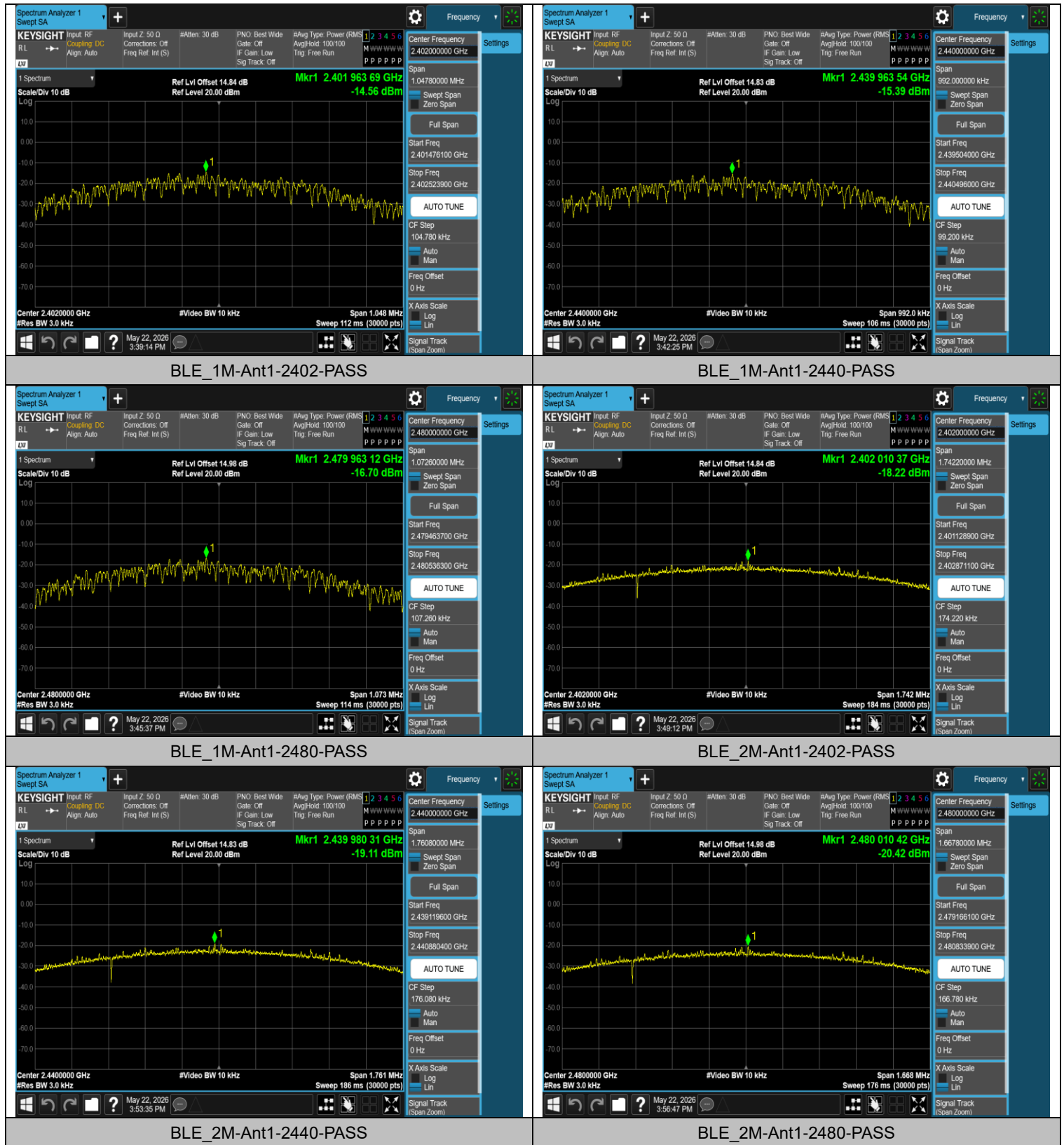


Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-14.56	≤8.00	PASS
BLE_1M	Ant1	2440	-15.39	≤8.00	PASS
BLE_1M	Ant1	2480	-16.70	≤8.00	PASS
BLE_2M	Ant1	2402	-18.22	≤8.00	PASS
BLE_2M	Ant1	2440	-19.11	≤8.00	PASS
BLE_2M	Ant1	2480	-20.42	≤8.00	PASS

Test Graphs

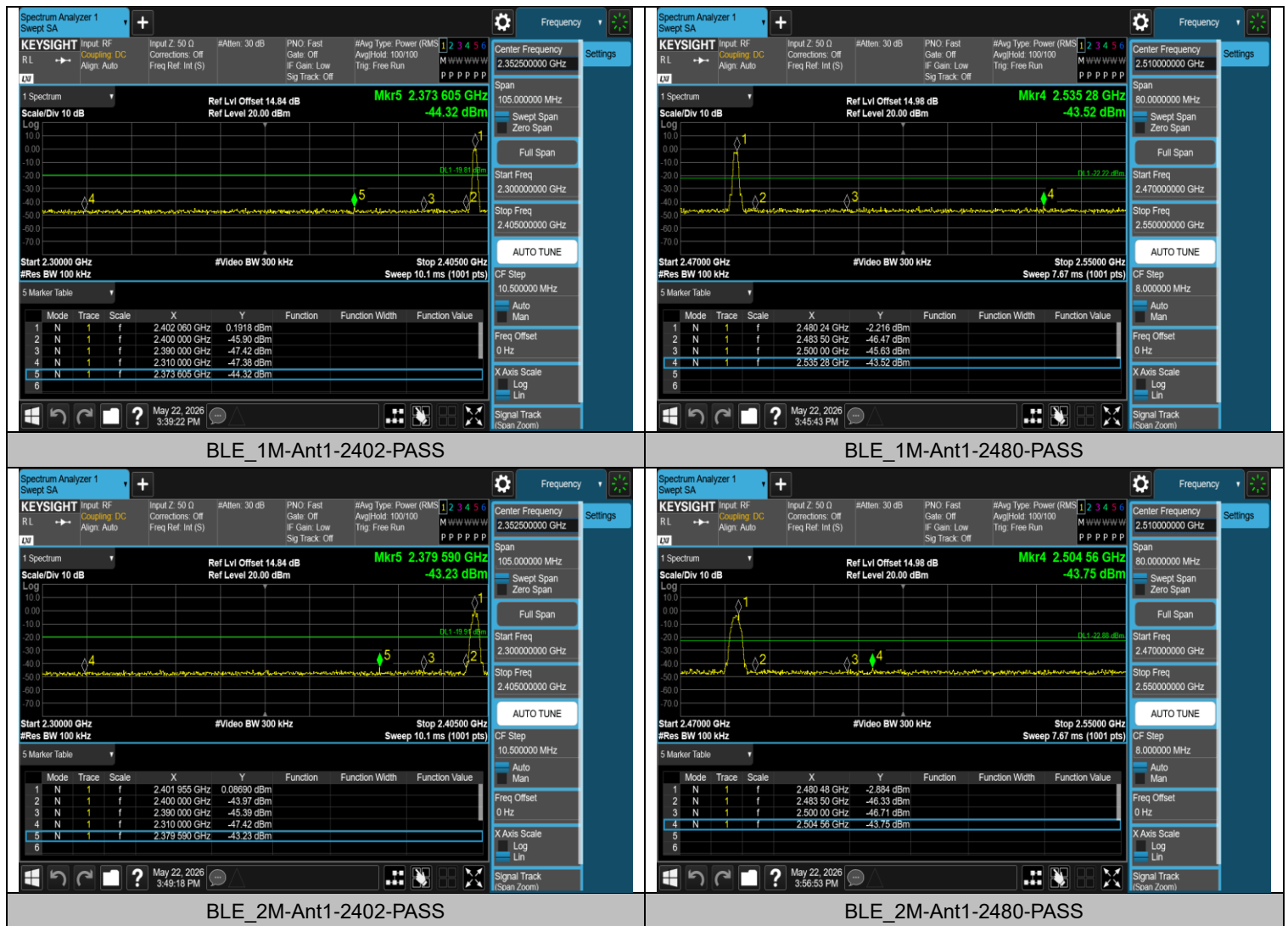


Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	0.19	-44.32	≤-19.81	PASS
BLE_1M	Ant1	High	2480	-2.22	-43.52	≤-22.22	PASS
BLE_2M	Ant1	Low	2402	0.09	-43.23	≤-19.91	PASS
BLE_2M	Ant1	High	2480	-2.88	-43.75	≤-22.88	PASS

Test Graphs

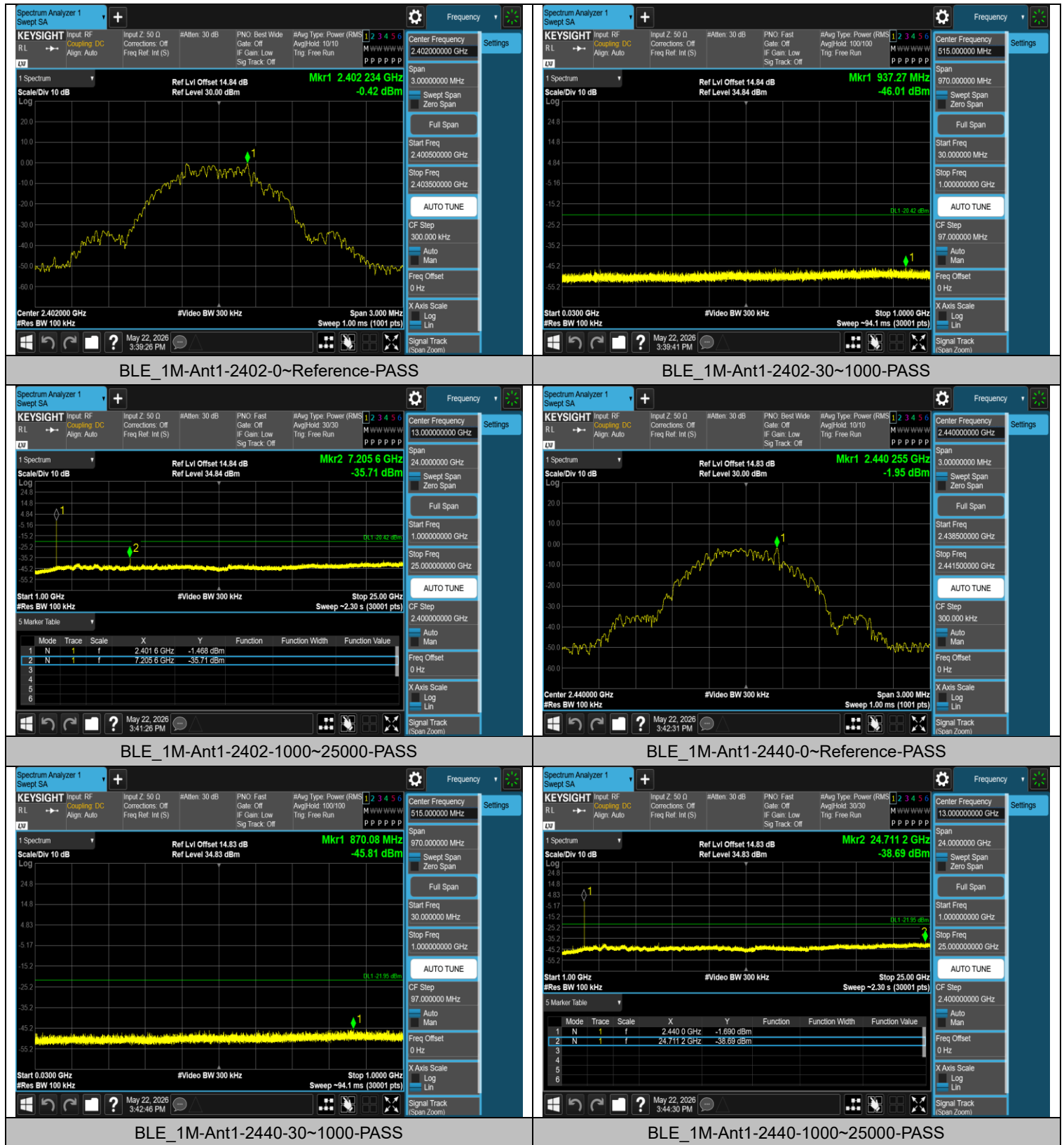


Appendix F: Conducted Spurious Emission

Test Result

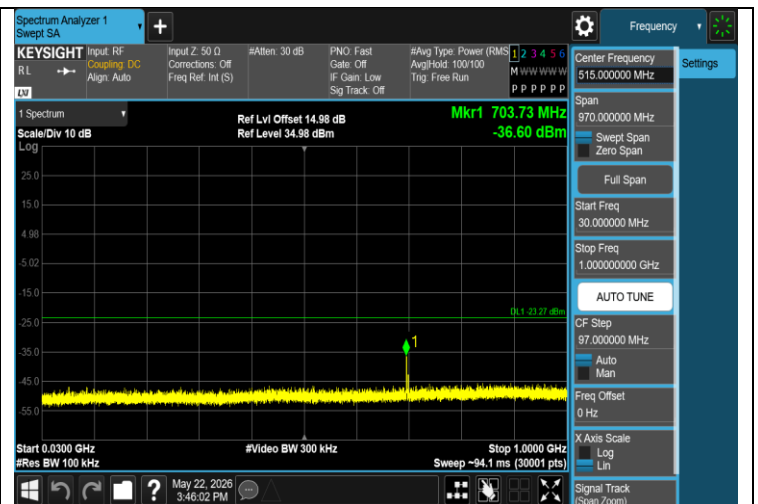
TestMode	Antenna	Channel[MHz]	FreqRange[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-0.42	-0.42	---	PASS
BLE_1M	Ant1	2402	30~1000	-0.42	-46.01	≤-20.42	PASS
BLE_1M	Ant1	2402	1000~25000	-0.42	-35.71	≤-20.42	PASS
BLE_1M	Ant1	2440	0~Reference	-1.95	-1.95	---	PASS
BLE_1M	Ant1	2440	30~1000	-1.95	-45.82	≤-21.95	PASS
BLE_1M	Ant1	2440	1000~25000	-1.95	-38.69	≤-21.95	PASS
BLE_1M	Ant1	2480	0~Reference	-3.27	-3.27	---	PASS
BLE_1M	Ant1	2480	30~1000	-3.27	-36.6	≤-23.27	PASS
BLE_1M	Ant1	2480	1000~25000	-3.27	-38.23	≤-23.27	PASS
BLE_2M	Ant1	2402	0~Reference	-0.67	-0.67	---	PASS
BLE_2M	Ant1	2402	30~1000	-0.67	-45.36	≤-20.67	PASS
BLE_2M	Ant1	2402	1000~25000	-0.67	-38.32	≤-20.67	PASS
BLE_2M	Ant1	2440	0~Reference	-3.92	-3.92	---	PASS
BLE_2M	Ant1	2440	30~1000	-3.92	-30.41	≤-23.92	PASS
BLE_2M	Ant1	2440	1000~25000	-3.92	-38.87	≤-23.92	PASS
BLE_2M	Ant1	2480	0~Reference	-5.60	-5.60	---	PASS
BLE_2M	Ant1	2480	30~1000	-5.60	-45.57	≤-25.6	PASS
BLE_2M	Ant1	2480	1000~25000	-5.60	-37.8	≤-25.6	PASS

Test Graphs

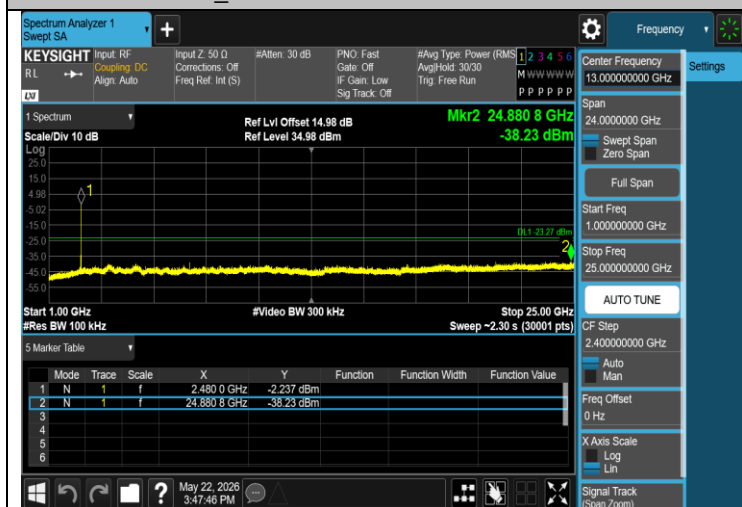




BLE_1M-Ant1-2480-0-Reference-PASS



BLE_1M-Ant1-2480-30~1000-PASS



BLE_1M-Ant1-2480-1000~25000-PASS



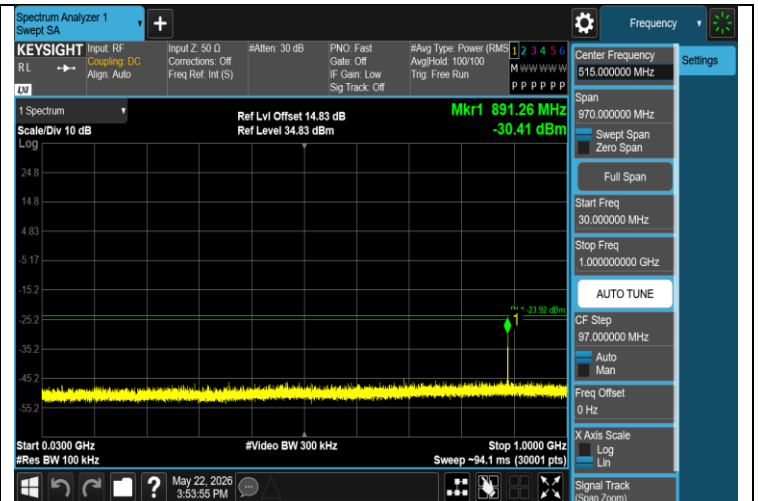
BLE_2M-Ant1-2402-0~Reference-PASS



BLE_2M-Ant1-2402-30~1000-PASS



BLE_2M-Ant1-2402-1000~25000-PASS



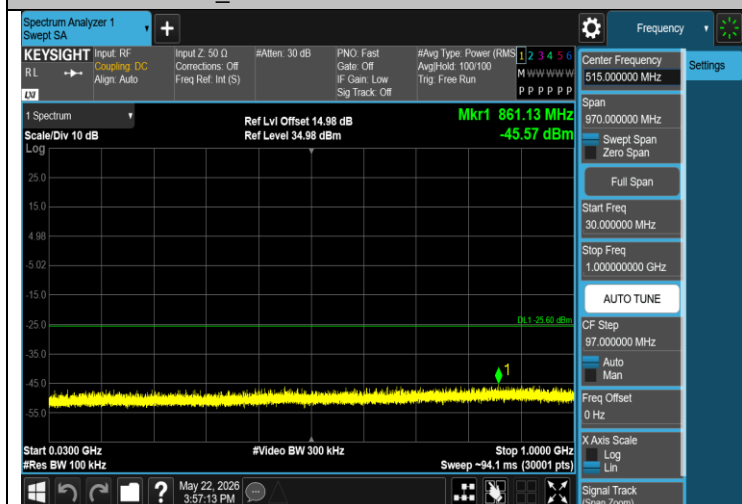
BLE_2M-Ant1-2440-0~Reference-PASS



BLE_2M-Ant1-2440-30~1000-PASS



BLE_2M-Ant1-2440-1000~25000-PASS



BLE_2M-Ant1-2480-0~Reference-PASS



BLE_2M-Ant1-2480-30~1000-PASS

BLE_2M-Ant1-2480-1000~25000-PASS

Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Channel[MHz]	ON Time[ms]	Period[ms]	Duty Cycle[%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	0.39	0.63	61.90	2.08
BLE_1M	Ant1	2440	0.39	0.63	61.90	2.08
BLE_1M	Ant1	2480	0.39	0.63	61.90	2.08
BLE_2M	Ant1	2402	1.08	1.88	57.45	2.41
BLE_2M	Ant1	2440	1.07	1.87	57.22	2.42
BLE_2M	Ant1	2480	0.00	0.03	100	0