

Appendix A: DTS Bandwidth

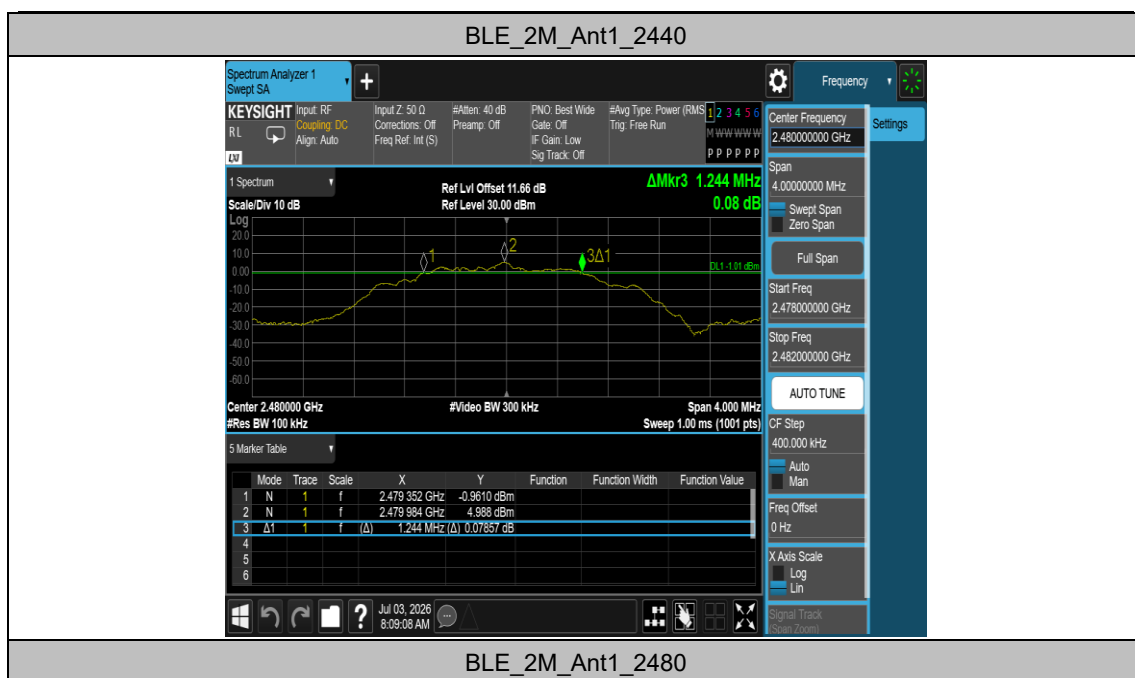
Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.696	2401.648	2402.344	0.5	PASS
		2440	0.704	2439.644	2440.348	0.5	PASS
		2480	0.696	2479.648	2480.344	0.5	PASS
BLE_2M	Ant1	2402	1.256	2401.344	2402.600	0.5	PASS
		2440	1.248	2439.352	2440.600	0.5	PASS
		2480	1.244	2479.352	2480.596	0.5	PASS

Test Graphs







Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0366	2401.4871	2402.5237	---	---
		2440	1.0359	2439.4863	2440.5222	---	---
		2480	1.0365	2479.4849	2480.5214	---	---
BLE_2M	Ant1	2402	2.0697	2400.9761	2403.0458	---	---
		2440	2.0685	2438.9773	2441.0458	---	---
		2480	2.0673	2478.9767	2481.0440	---	---

Test Graphs







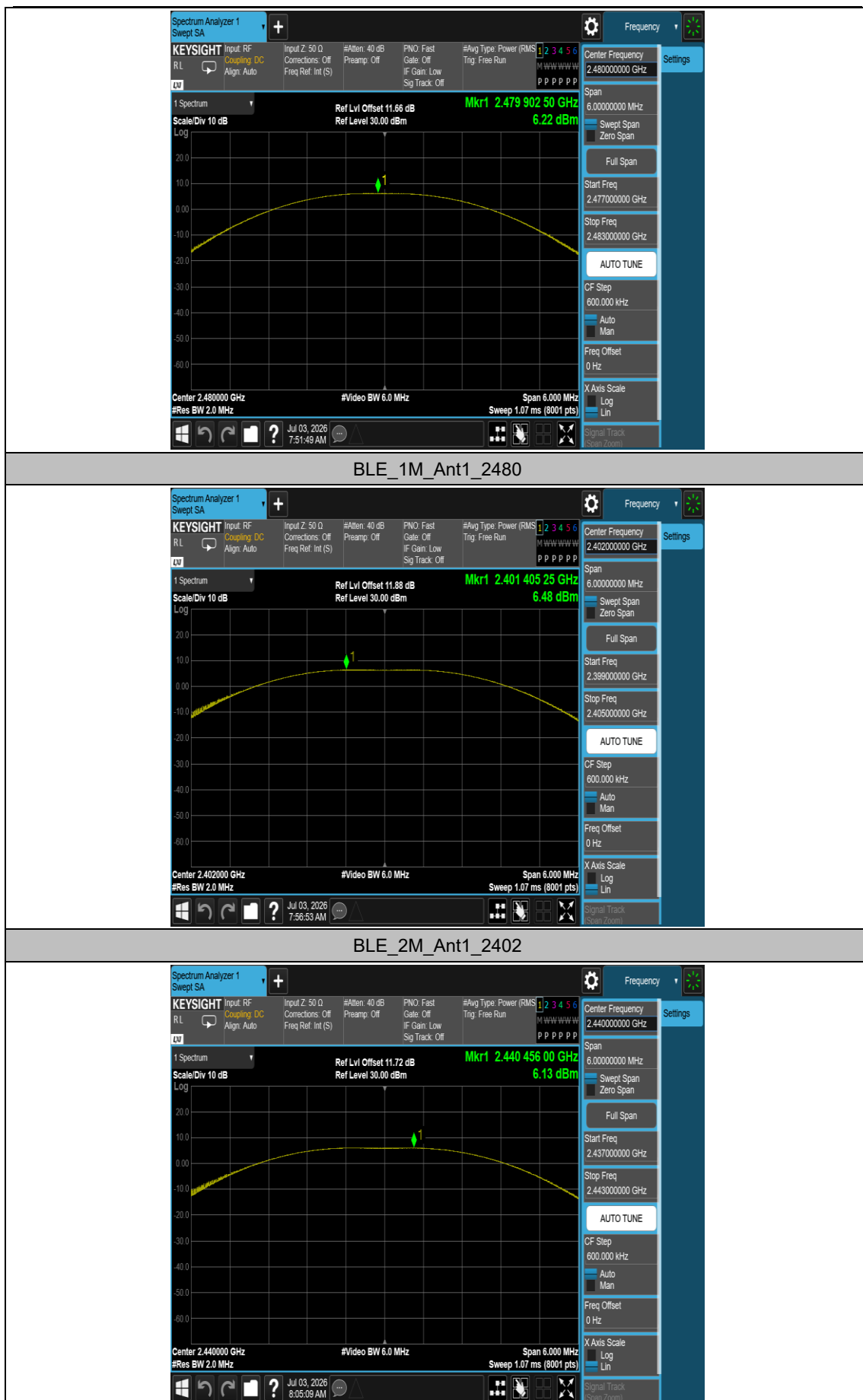
Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	EIRP[dBm]	EIRP Limit[dBm]	Verdict
BLE_1M	Ant1	2402	6.62	≤30	8.02	≤36	PASS
		2440	6.08	≤30	7.48	≤36	PASS
		2480	6.22	≤30	7.62	≤36	PASS
BLE_2M	Ant1	2402	6.48	≤30	7.88	≤36	PASS
		2440	6.13	≤30	7.53	≤36	PASS
		2480	6.35	≤30	7.75	≤36	PASS

Test Graphs Peak





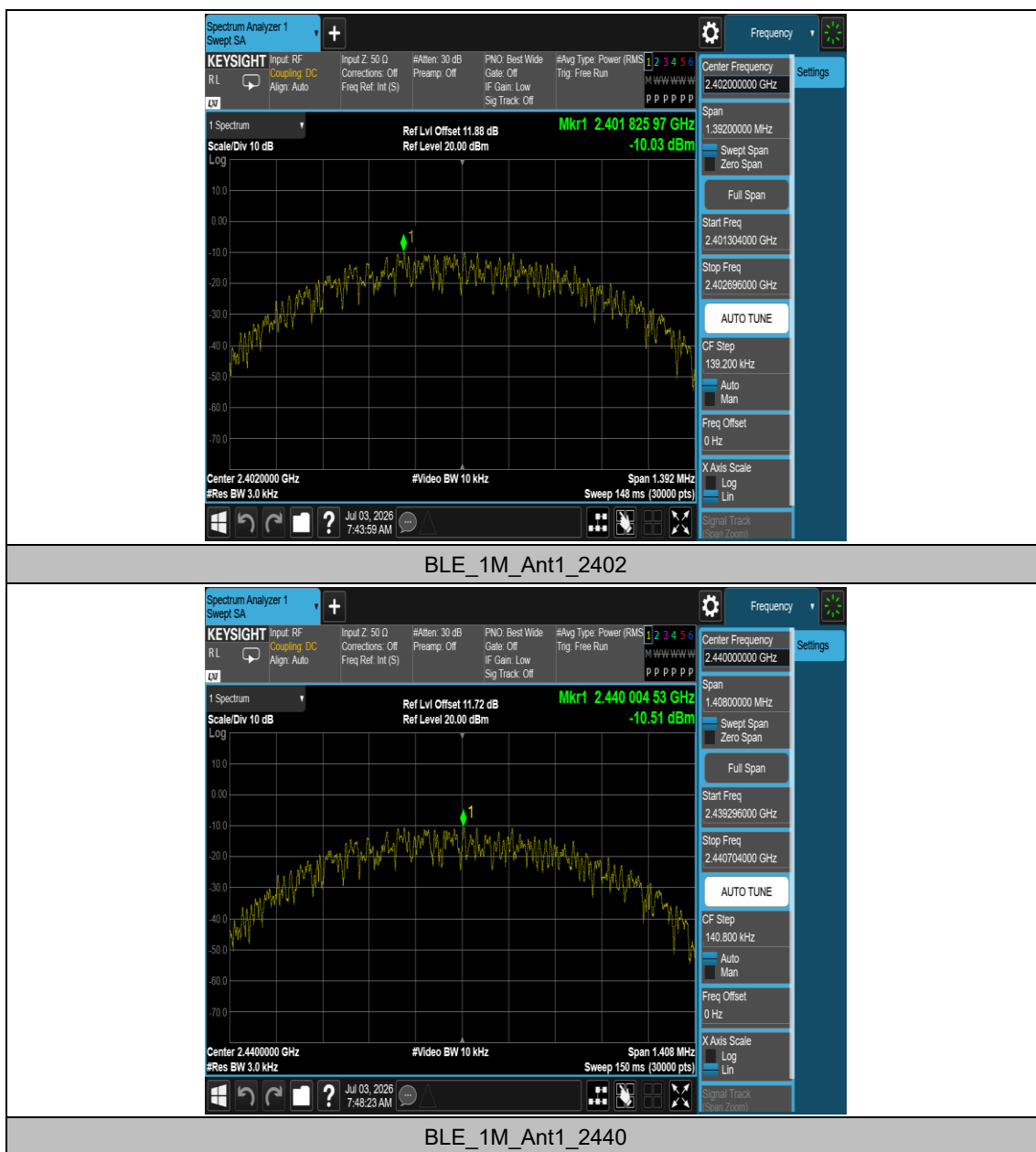


Appendix D: Maximum power spectral density

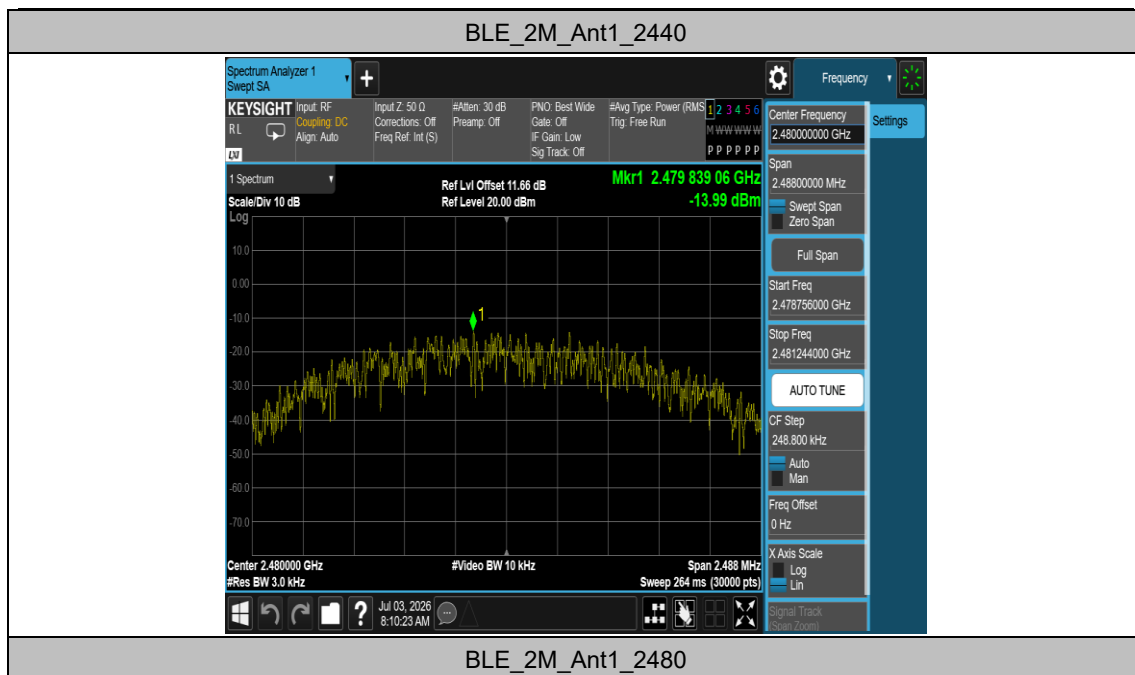
Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-10.03	≤8.00	PASS
		2440	-10.51	≤8.00	PASS
		2480	-10.39	≤8.00	PASS
BLE_2M	Ant1	2402	-13.81	≤8.00	PASS
		2440	-14.15	≤8.00	PASS
		2480	-13.99	≤8.00	PASS

Test Graphs





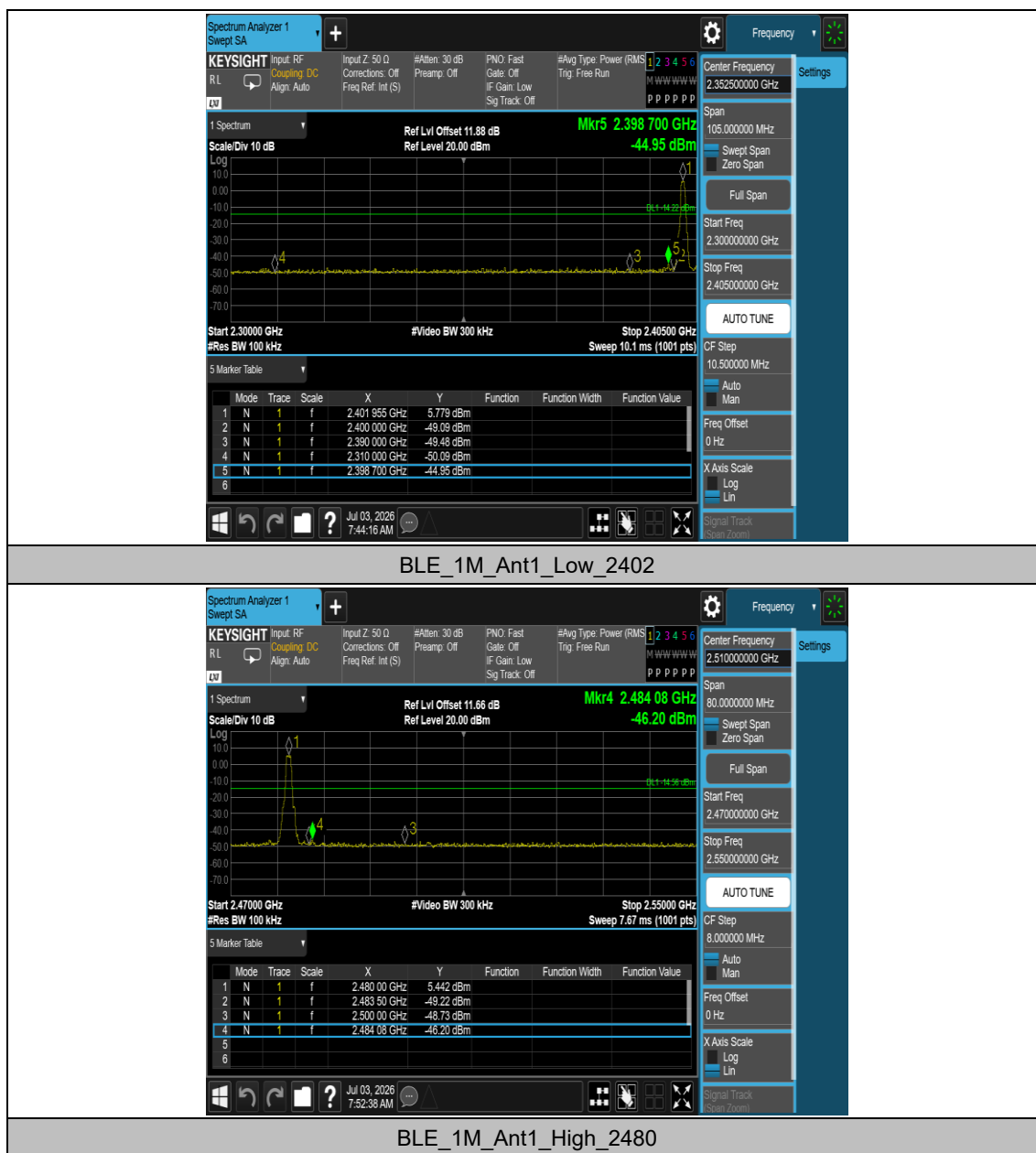


Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	5.78	-44.95	≤ -14.22	PASS
		High	2480	5.44	-46.2	≤ -14.56	PASS
BLE_2M	Ant1	Low	2402	4.36	-26.3	≤ -15.64	PASS
		High	2480	5.02	-46.92	≤ -14.98	PASS

Test Graphs



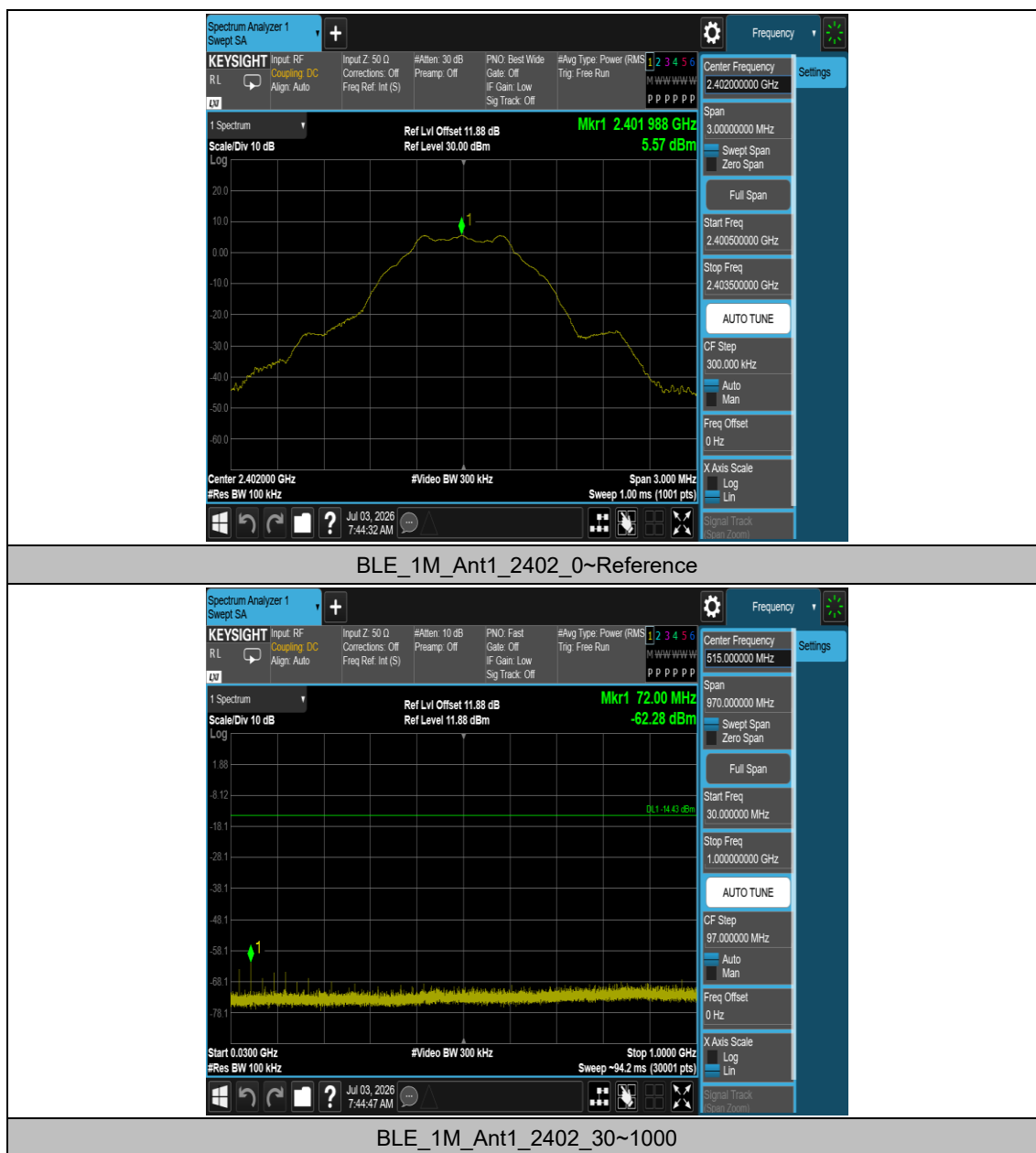


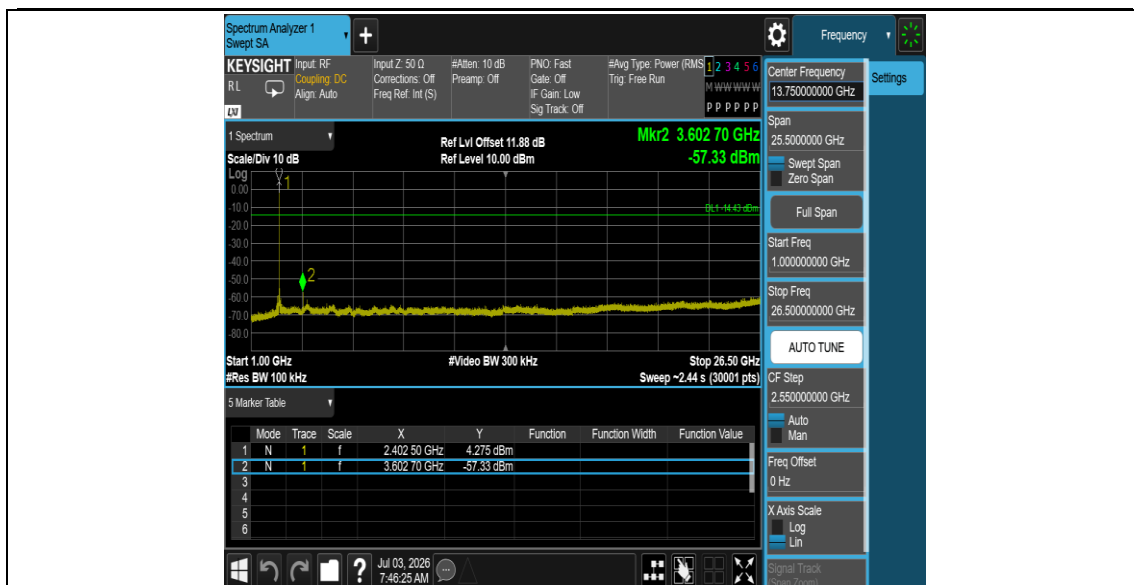
Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency [MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	5.57	5.57	---	PASS
			30~1000	5.57	-62.28	≤-14.43	PASS
			1000~26500	5.57	-57.33	≤-14.43	PASS
		2440	Reference	5.09	5.09	---	PASS
			30~1000	5.09	-62.39	≤-14.91	PASS
			1000~26500	5.09	-49.39	≤-14.91	PASS
		2480	Reference	5.23	5.23	---	PASS
			30~1000	5.23	-62.98	≤-14.77	PASS
			1000~26500	5.23	-55.26	≤-14.77	PASS
BLE_2M	Ant1	2402	Reference	5.08	5.08	---	PASS
			30~1000	5.08	-62.38	≤-14.92	PASS
			1000~26500	5.08	-57.11	≤-14.92	PASS
		2440	Reference	4.77	4.77	---	PASS
			30~1000	4.77	-63.19	≤-15.23	PASS
			1000~26500	4.77	-55.71	≤-15.23	PASS
		2480	Reference	4.95	4.95	---	PASS
			30~1000	4.95	-63.04	≤-15.05	PASS
			1000~26500	4.95	-57.88	≤-15.05	PASS

Test Graphs

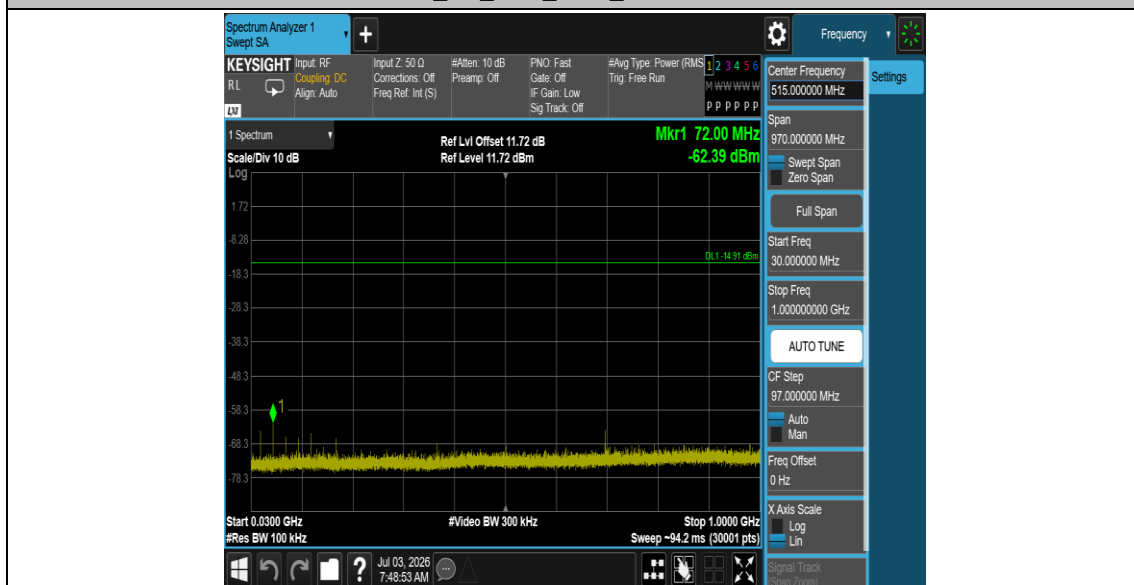




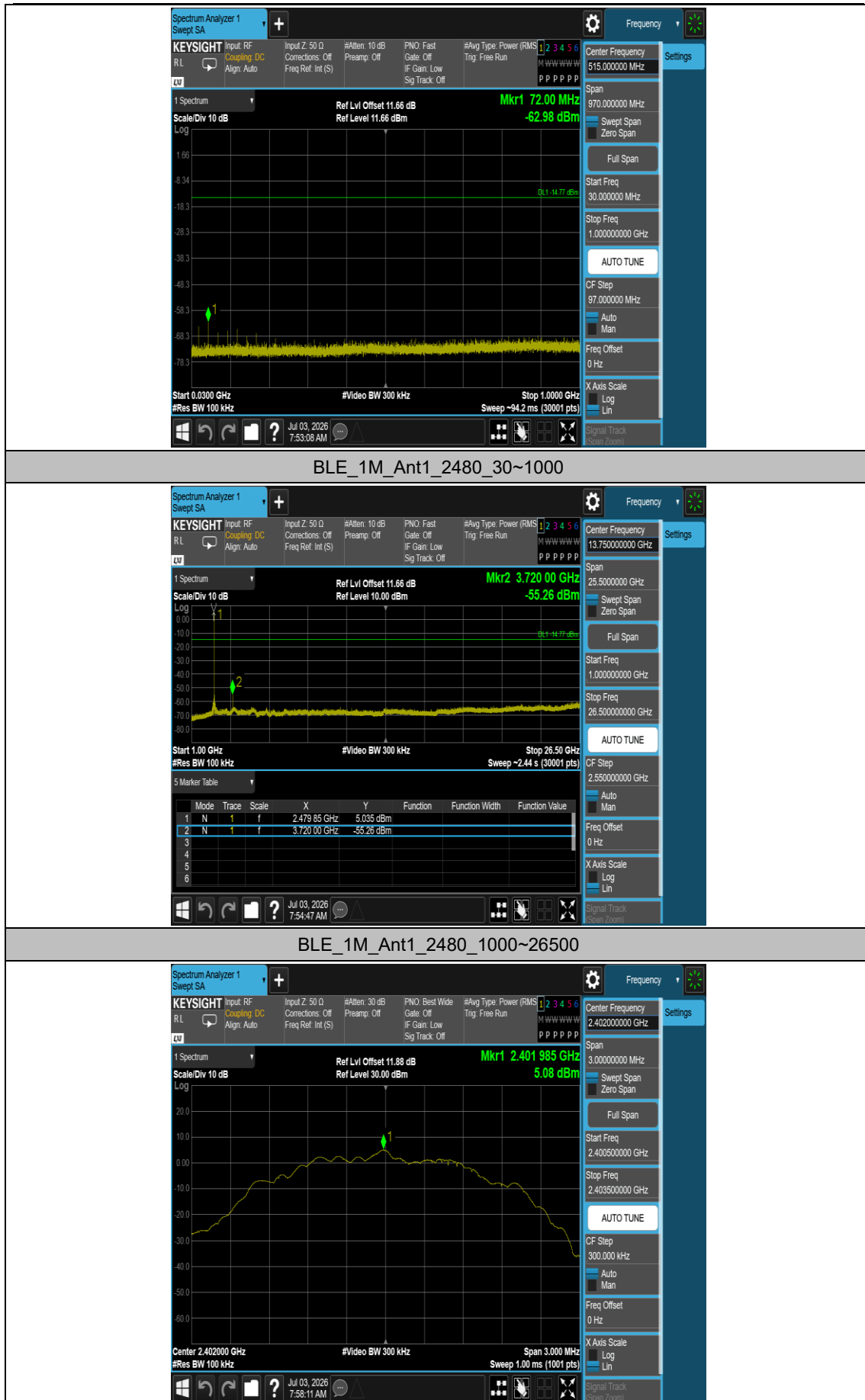
BLE_1M_Ant1_2402_1000~26500

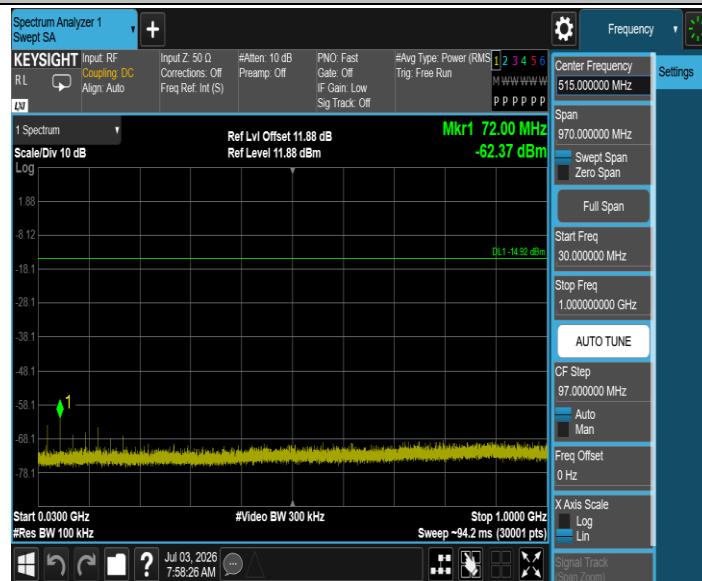


BLE_1M_Ant1_2440_0~Reference





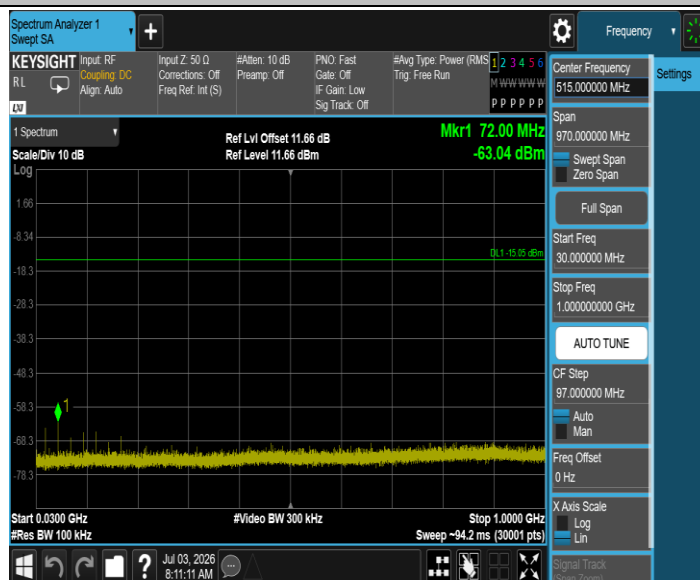


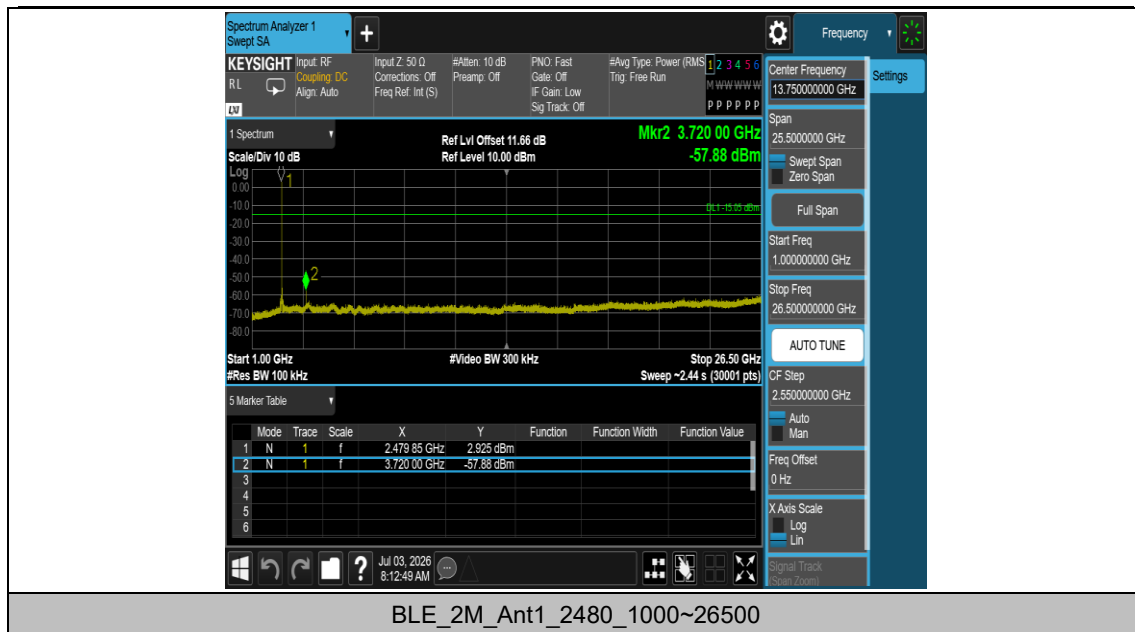
BLE_2M_Ant1_2402_0~Reference

BLE_2M_Ant1_2402_30~1000

BLE_2M_Ant1_2402_1000~26500



BLE_2M_Ant1_2440_1000~26500

BLE_2M_Ant1_2480_0~Reference

BLE_2M_Ant1_2480_30~1000



Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]
BLE_1M	Ant1	2402	0.30	0.93	32.26
		2440	0.30	0.93	32.26
		2480	0.30	0.93	32.26
BLE_2M	Ant1	2402	0.16	0.93	17.20
		2440	0.16	0.93	17.20
		2480	0.16	0.93	17.20