

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.660	2401.668	2402.328	0.5	PASS
		2440	0.660	2439.672	2440.332	0.5	PASS
		2480	0.656	2479.668	2480.324	0.5	PASS
BLE_2M	Ant1	2402	1.040	2401.492	2402.532	0.5	PASS
		2440	1.120	2439.440	2440.560	0.5	PASS
		2480	1.092	2479.452	2480.544	0.5	PASS

Test Graphs







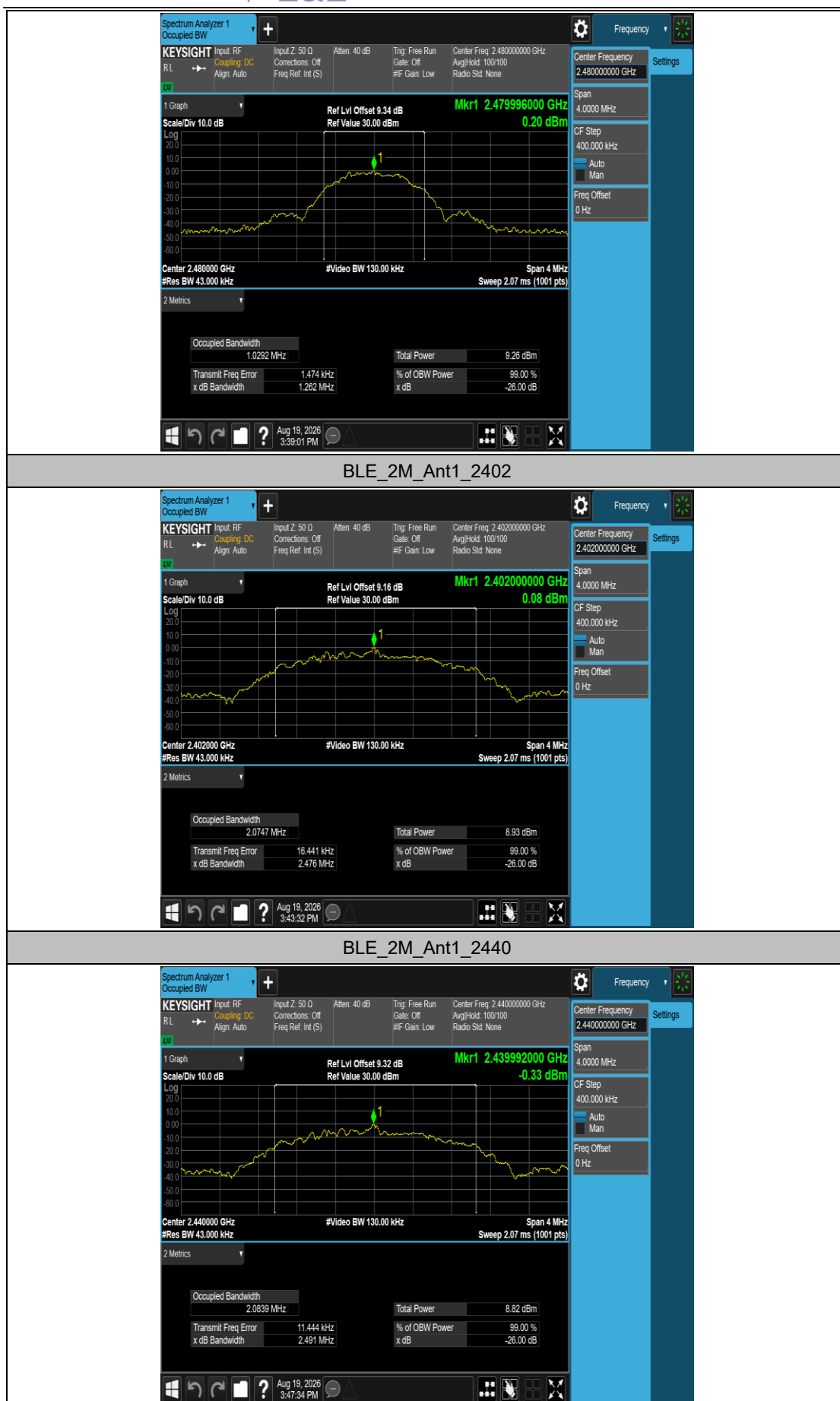
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0285	2401.4905	2402.5190	---	---
		2440	1.0322	2439.4861	2440.5183	---	---
		2480	1.0292	2479.4869	2480.5161	---	---
BLE_2M	Ant1	2402	2.0747	2400.9791	2403.0538	---	---
		2440	2.0839	2438.9695	2441.0534	---	---
		2480	2.0819	2478.9714	2481.0533	---	---

Test Graphs





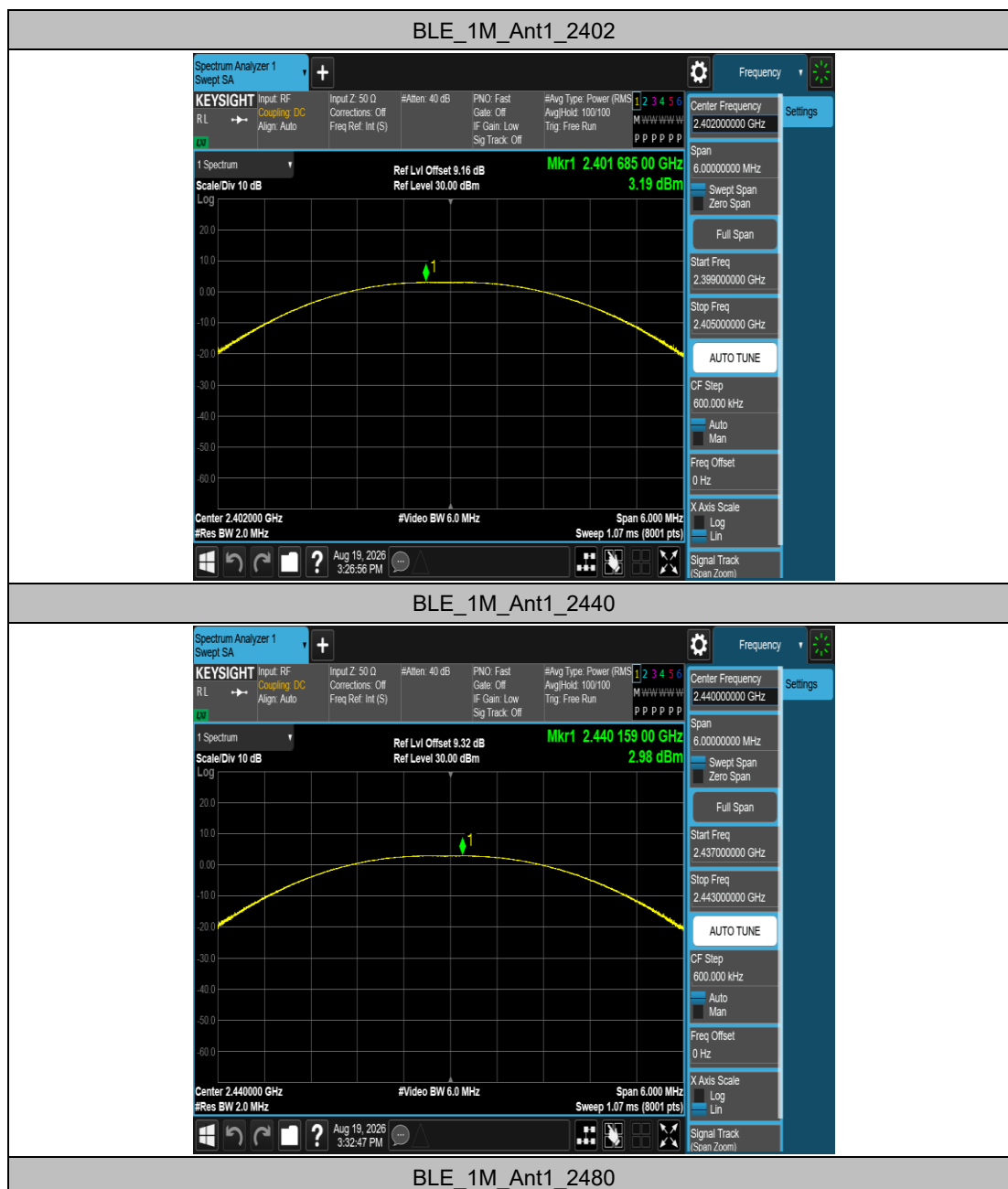


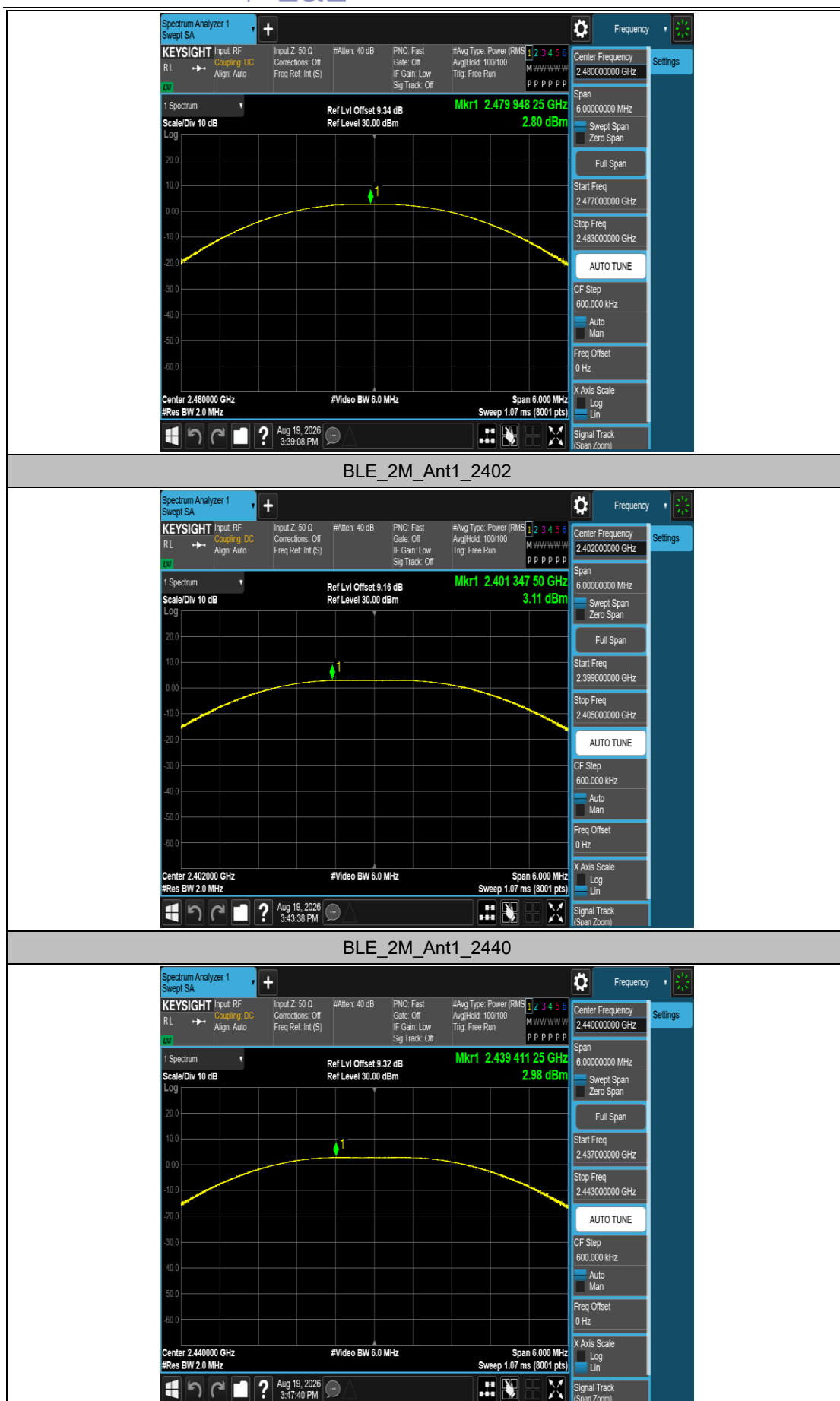
Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	3.19	≤30	PASS
		2440	2.98	≤30	PASS
		2480	2.80	≤30	PASS
BLE_2M	Ant1	2402	3.11	≤30	PASS
		2440	2.98	≤30	PASS
		2480	2.83	≤30	PASS

Test Graphs





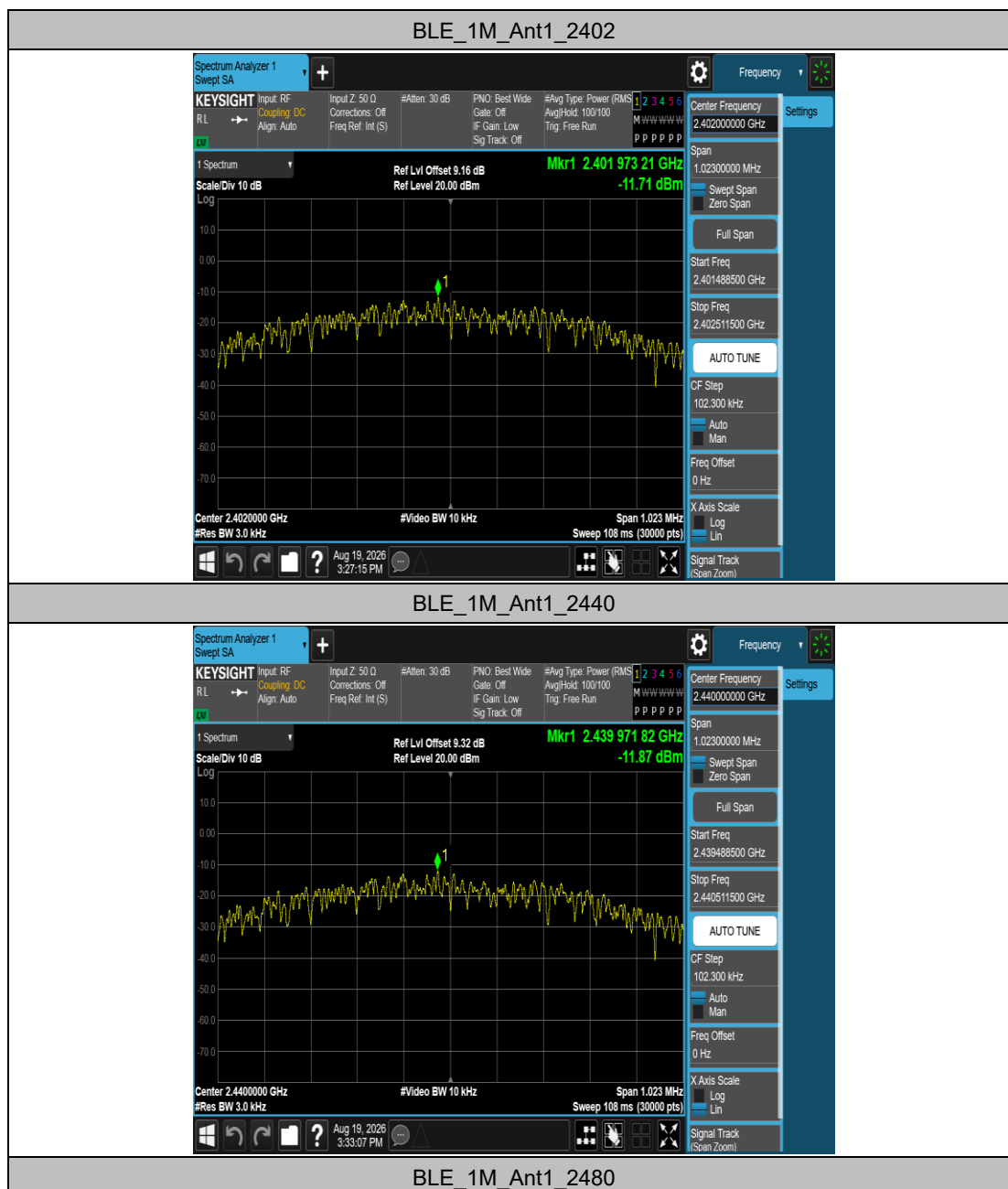


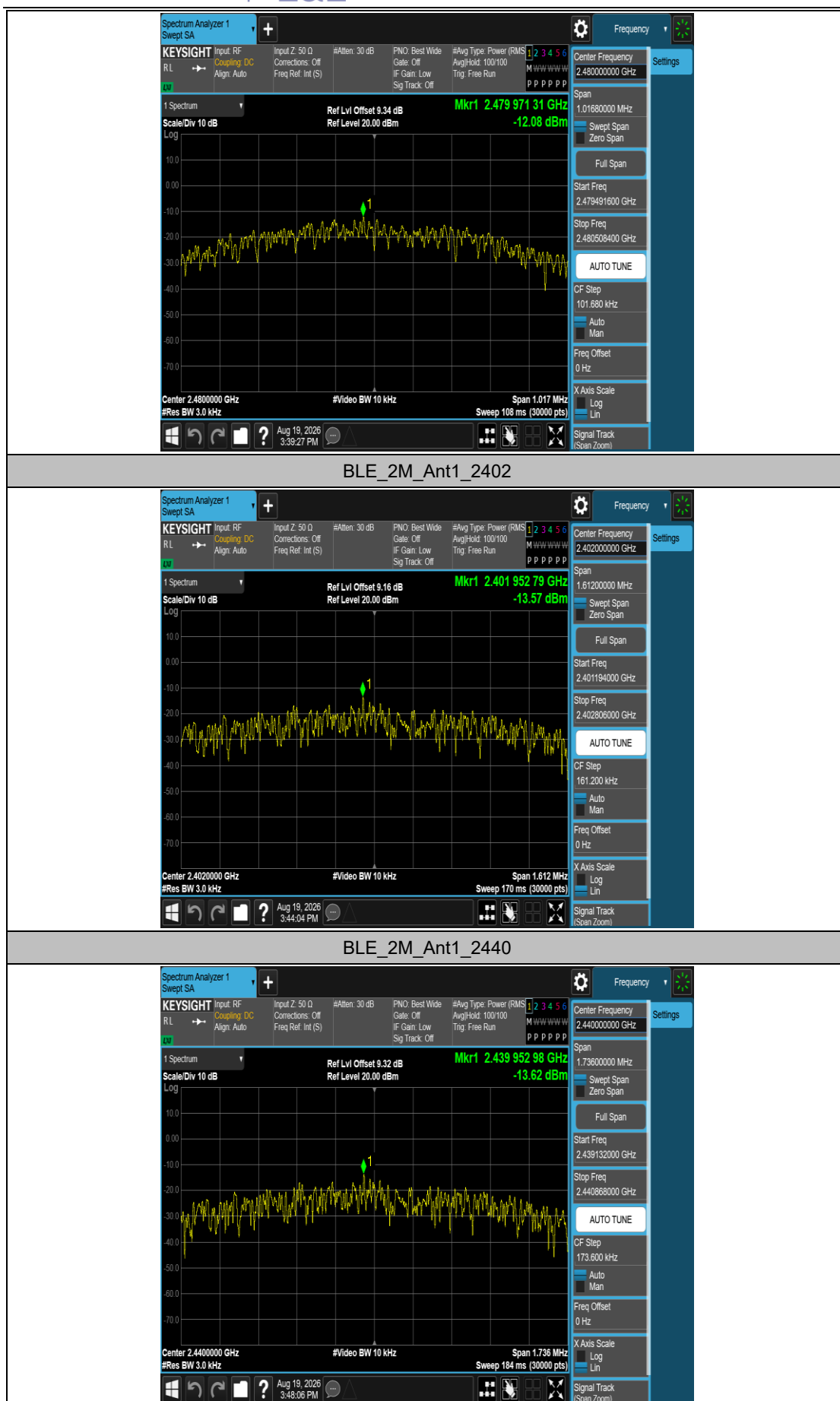
Appendix D: Maximum power spectral density

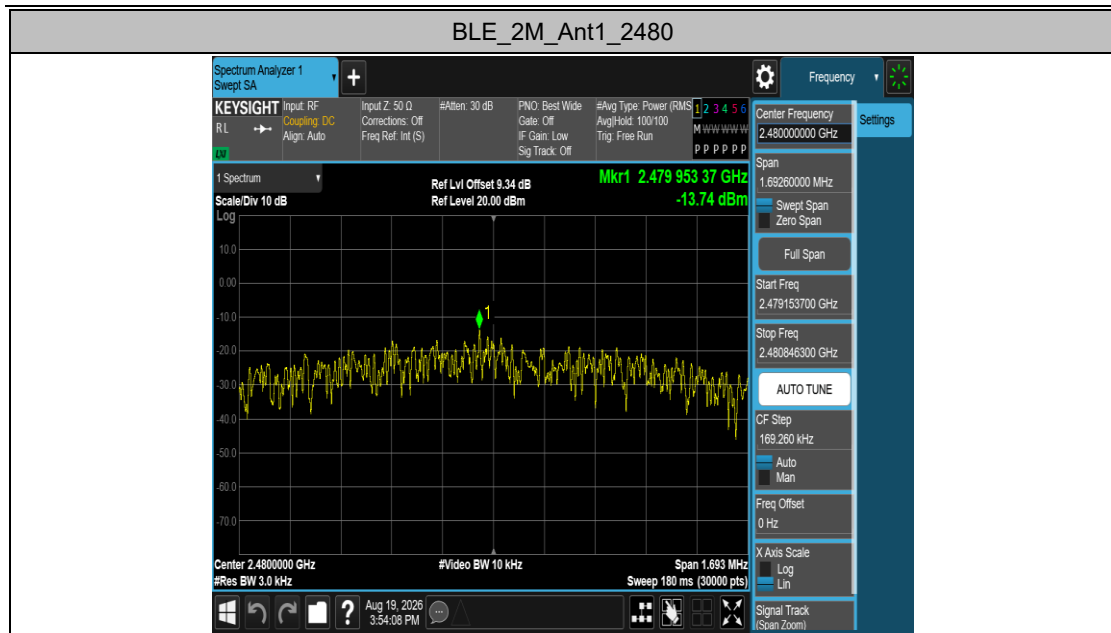
Test Result

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-11.71	≤8.00	PASS
		2440	-11.87	≤8.00	PASS
		2480	-12.08	≤8.00	PASS
BLE_2M	Ant1	2402	-13.57	≤8.00	PASS
		2440	-13.62	≤8.00	PASS
		2480	-13.74	≤8.00	PASS

Test Graphs





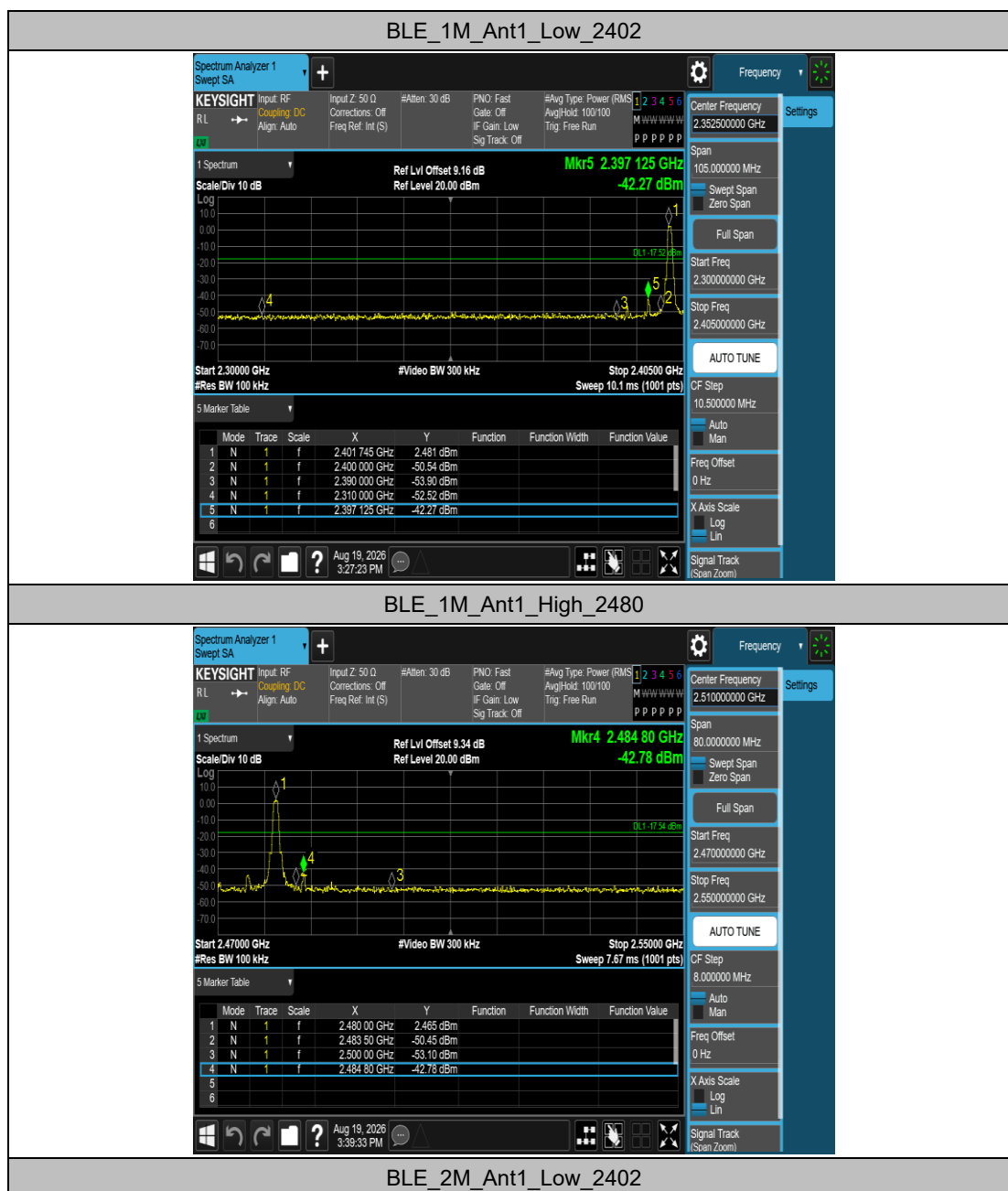


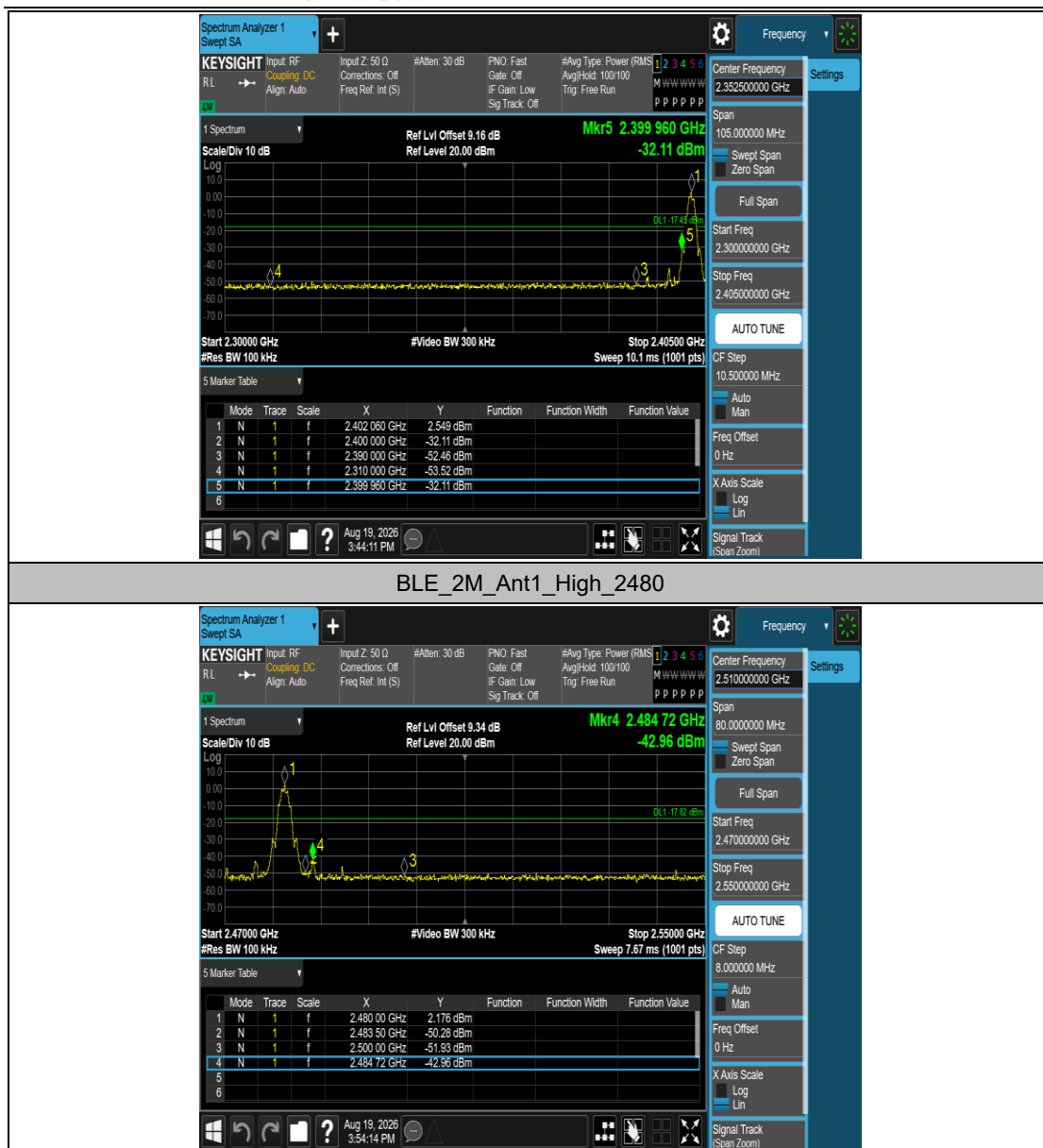
Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	2.48	-42.27	≤-17.52	PASS
		High	2480	2.47	-42.78	≤-17.54	PASS
BLE_2M	Ant1	Low	2402	2.55	-32.11	≤-17.45	PASS
		High	2480	2.18	-42.96	≤-17.82	PASS

Test Graphs



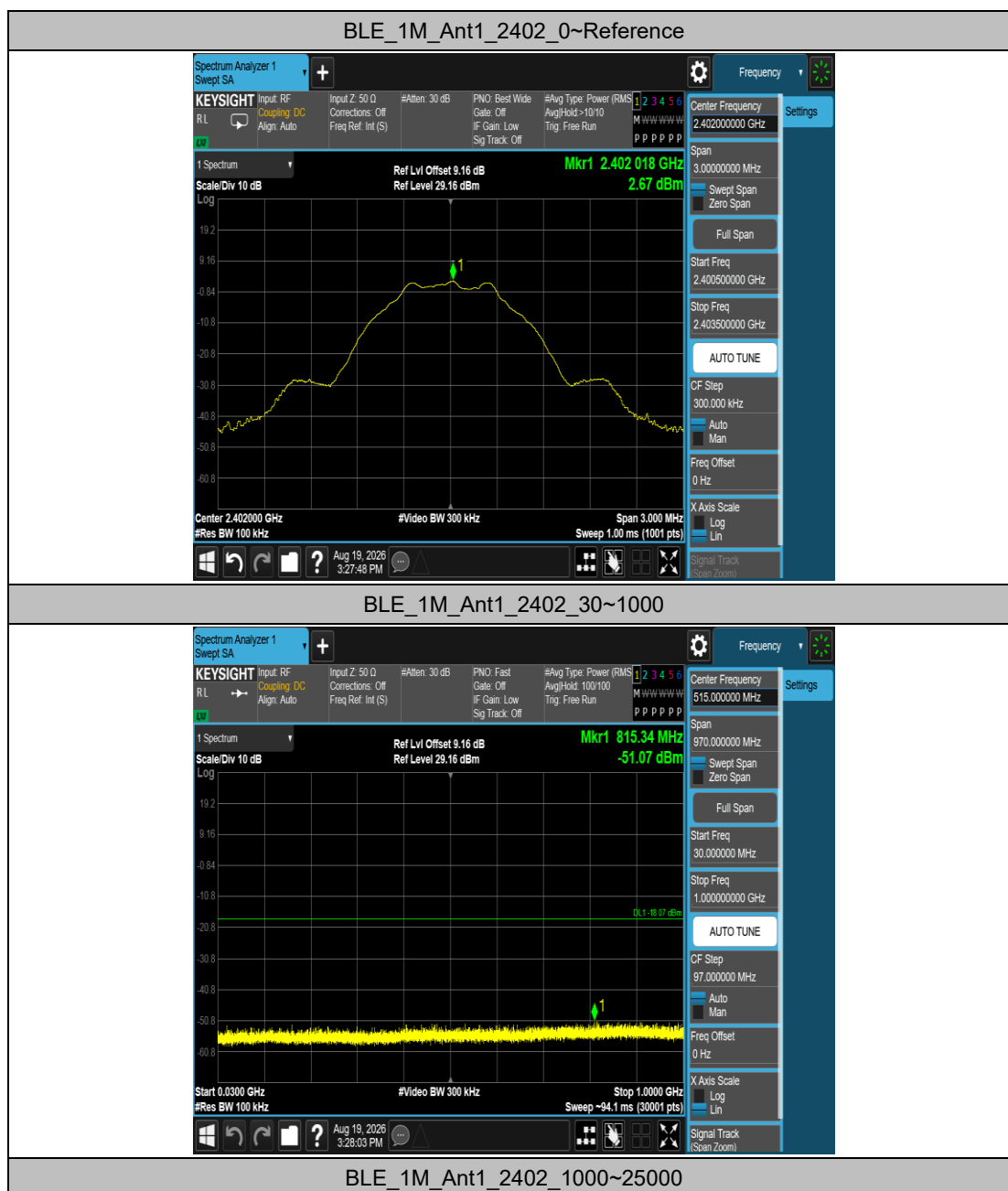


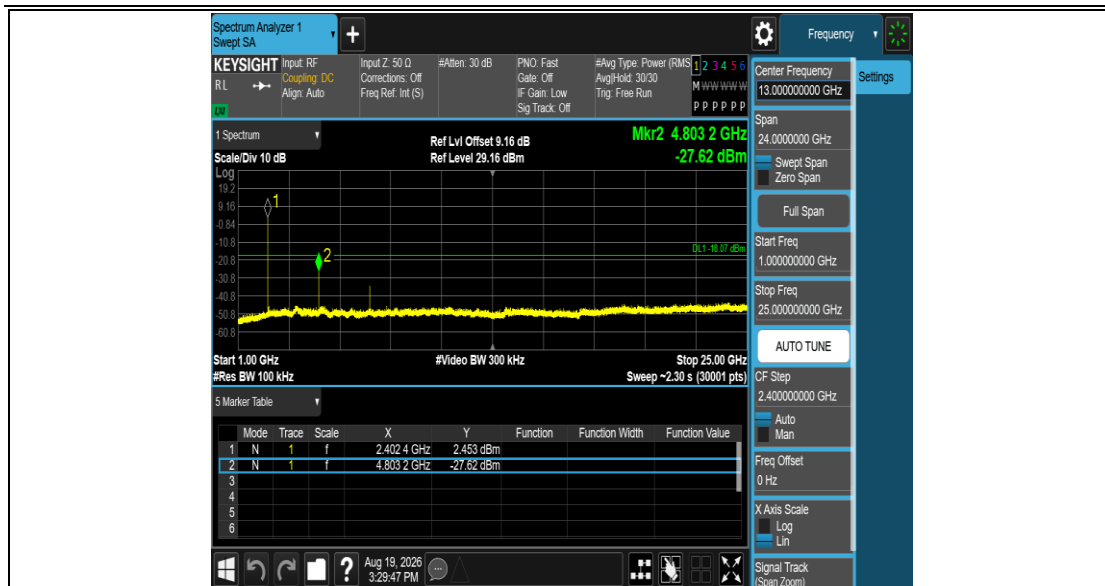
Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	2.67	2.67	---	PASS
			30~1000	2.67	-51.07	≤-17.33	PASS
			1000~25000	2.67	-27.62	≤-17.33	PASS
		2440	Reference	2.43	2.43	---	PASS
			30~1000	2.43	-50.7	≤-17.57	PASS
			1000~25000	2.43	-27.04	≤-17.57	PASS
		2480	Reference	2.30	2.30	---	PASS
			30~1000	2.30	-50.43	≤-17.70	PASS
			1000~25000	2.30	-27.5	≤-17.70	PASS
BLE_2M	Ant1	2402	Reference	2.44	2.44	---	PASS
			30~1000	2.44	-50.71	≤-17.56	PASS
			1000~25000	2.44	-28.63	≤-17.56	PASS
		2440	Reference	2.34	2.34	---	PASS
			30~1000	2.34	-50.55	≤-17.66	PASS
			1000~25000	2.34	-29.92	≤-17.66	PASS
		2480	Reference	2.14	2.14	---	PASS
			30~1000	2.14	-50.37	≤-17.86	PASS
			1000~25000	2.14	-30.57	≤-17.86	PASS

Test Graphs

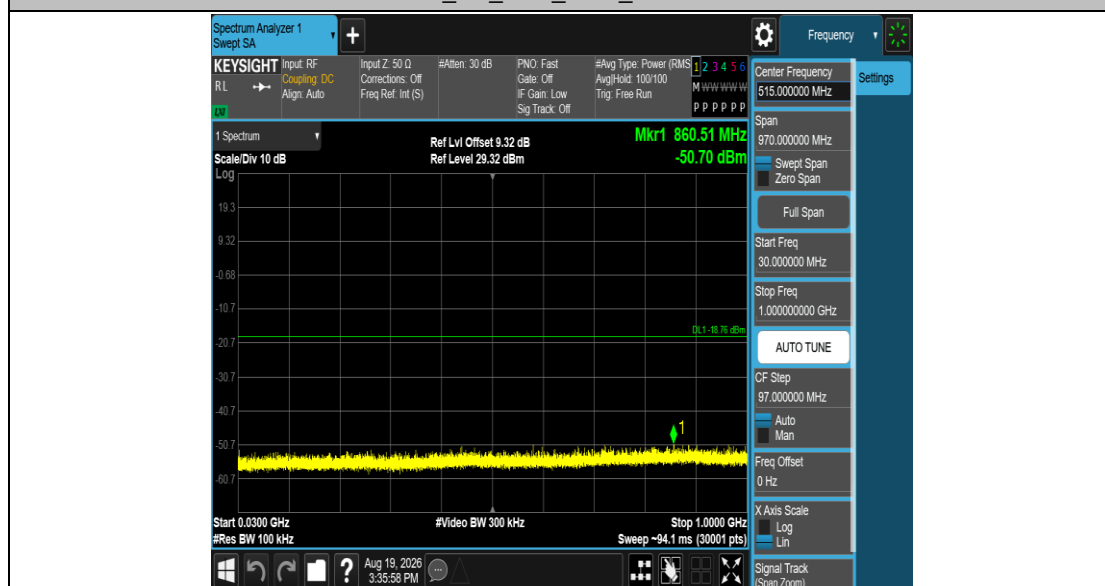


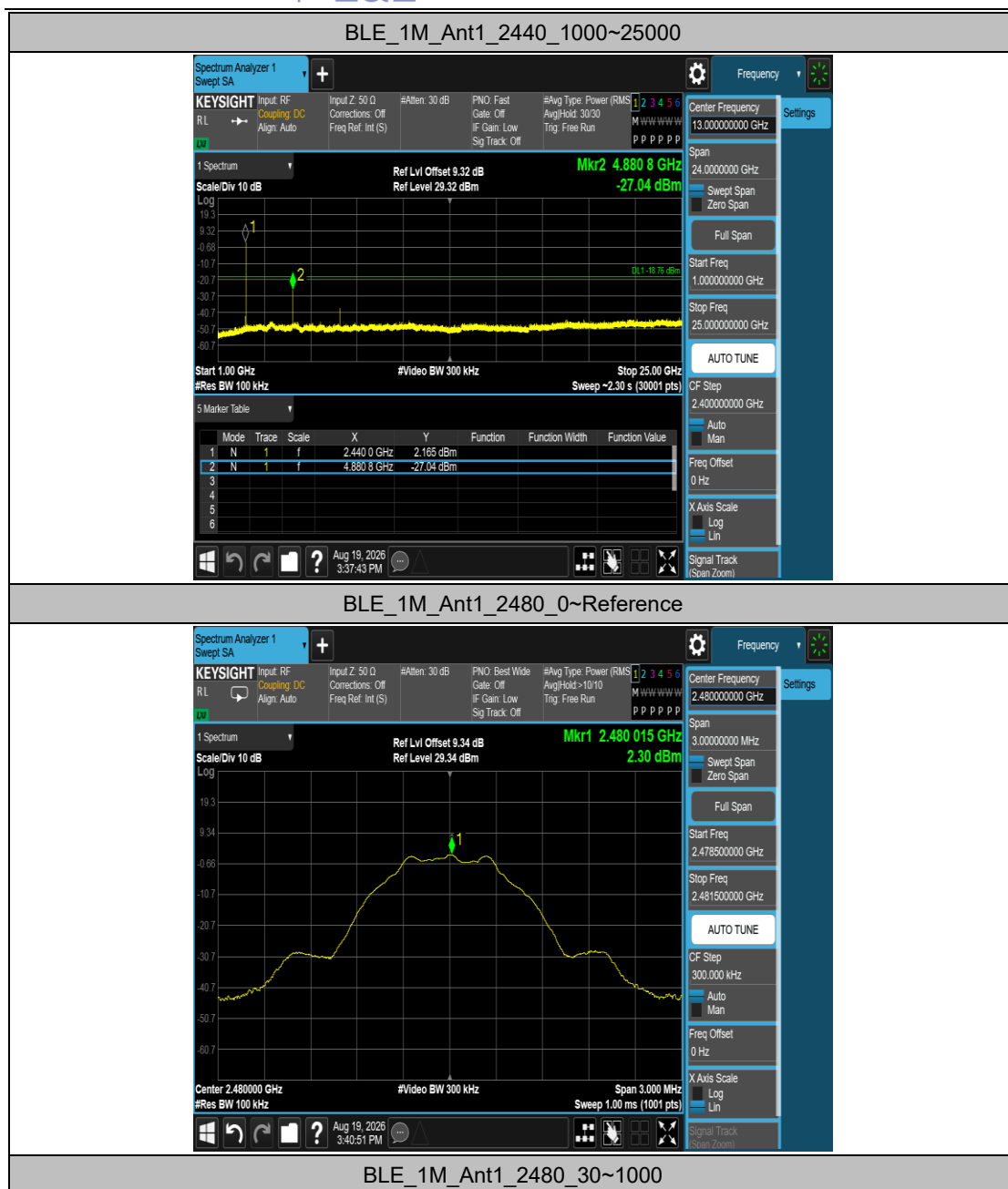


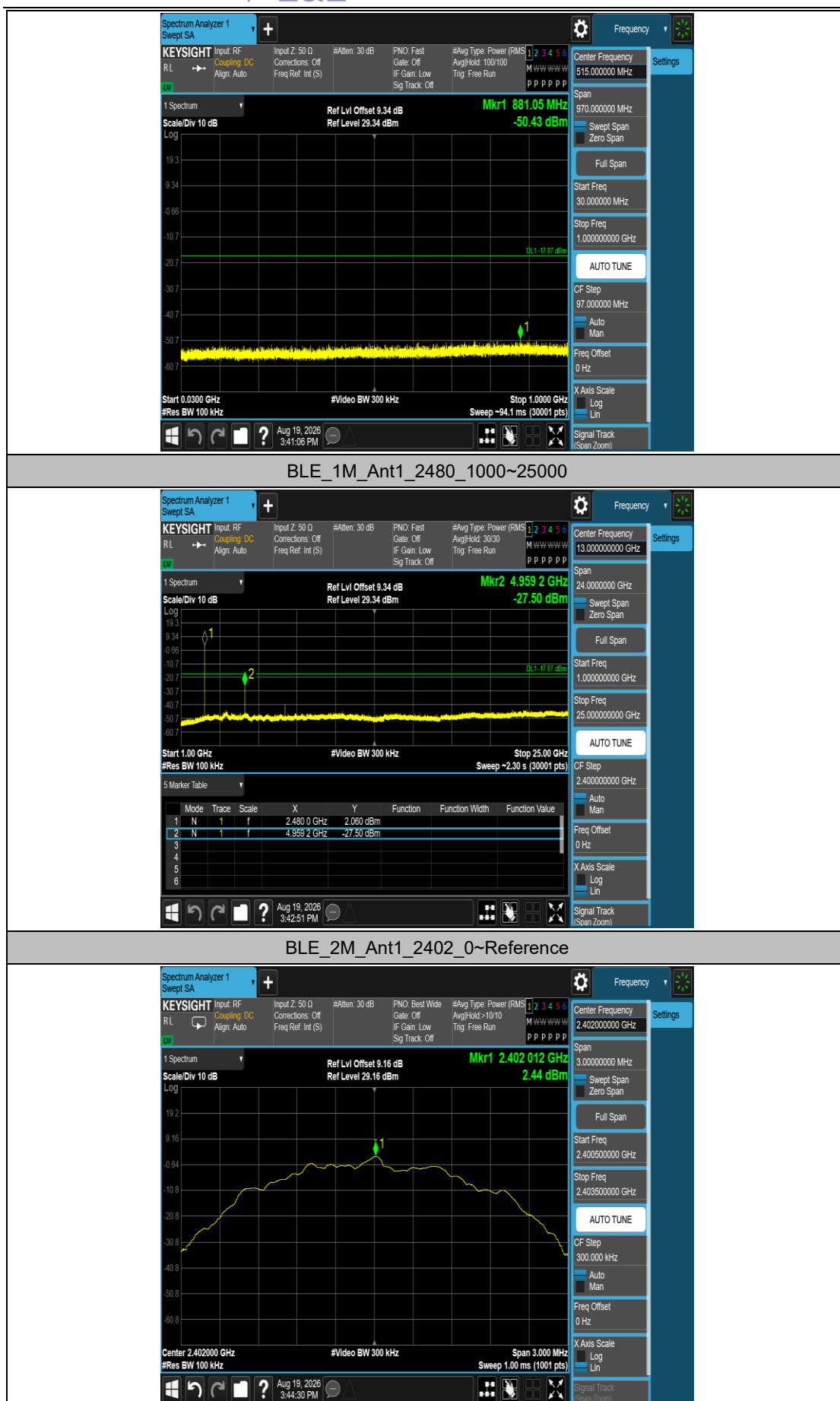
BLE_1M_Ant1_2440_0~Reference

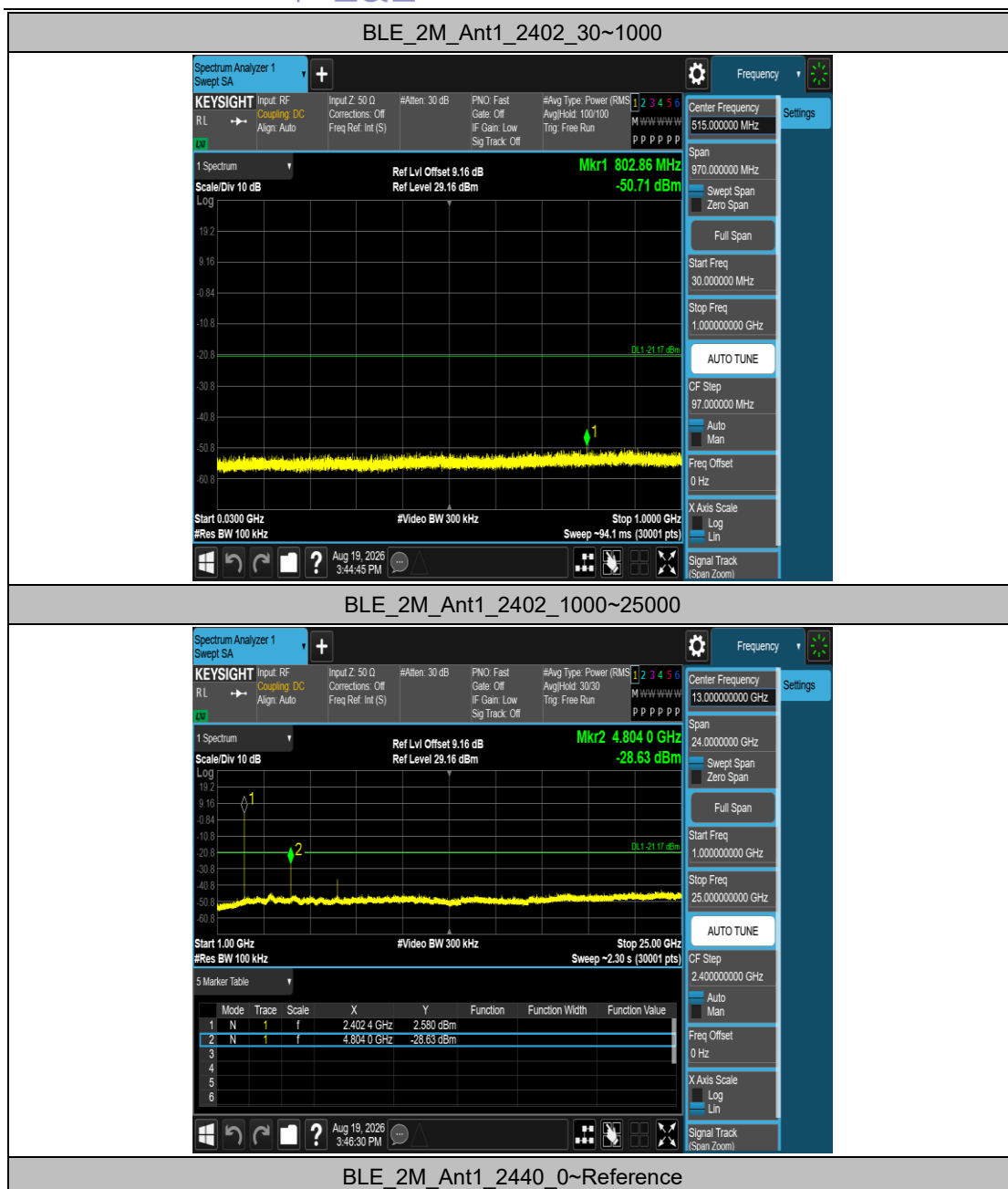


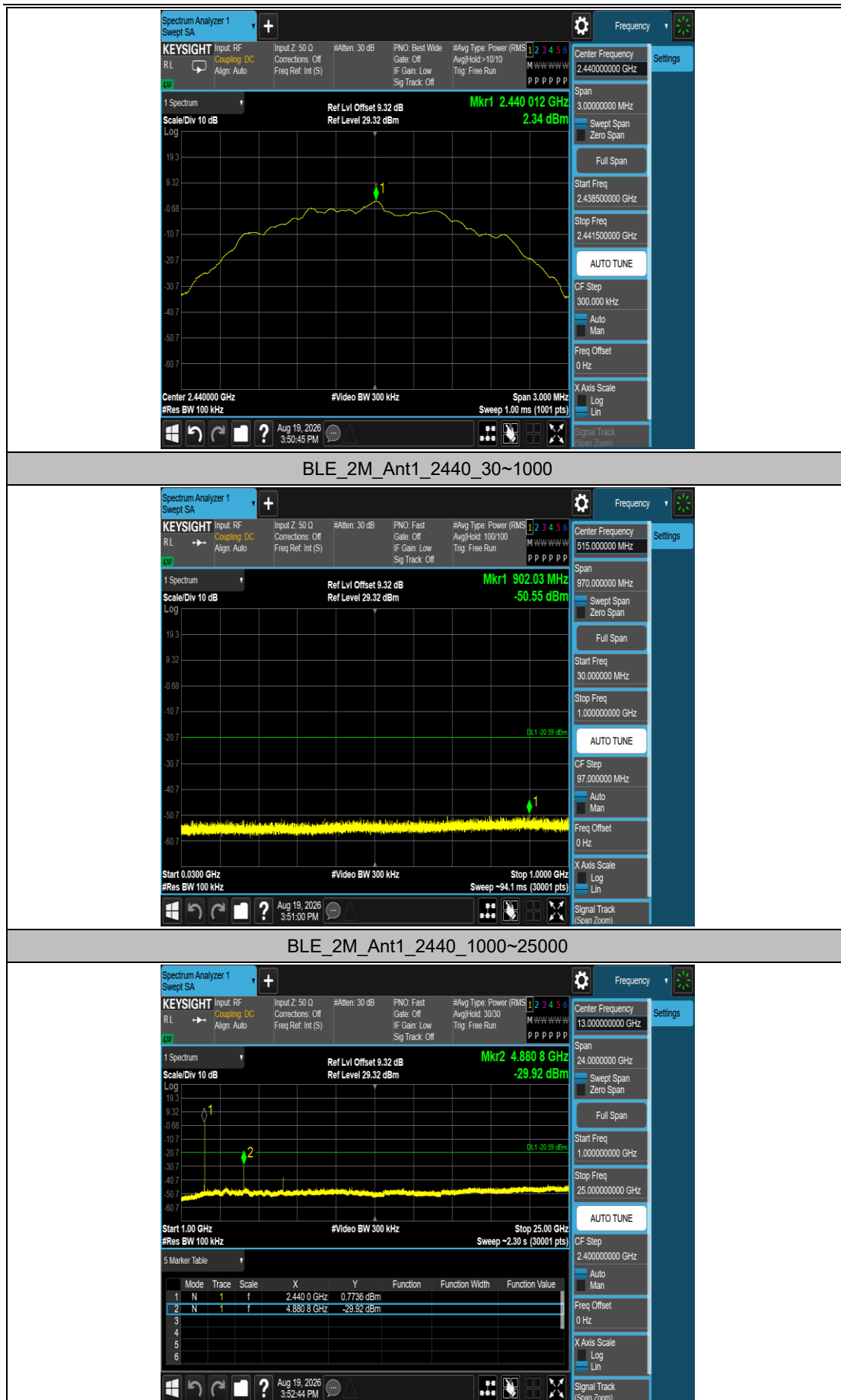
BLE_1M_Ant1_2440_30~1000

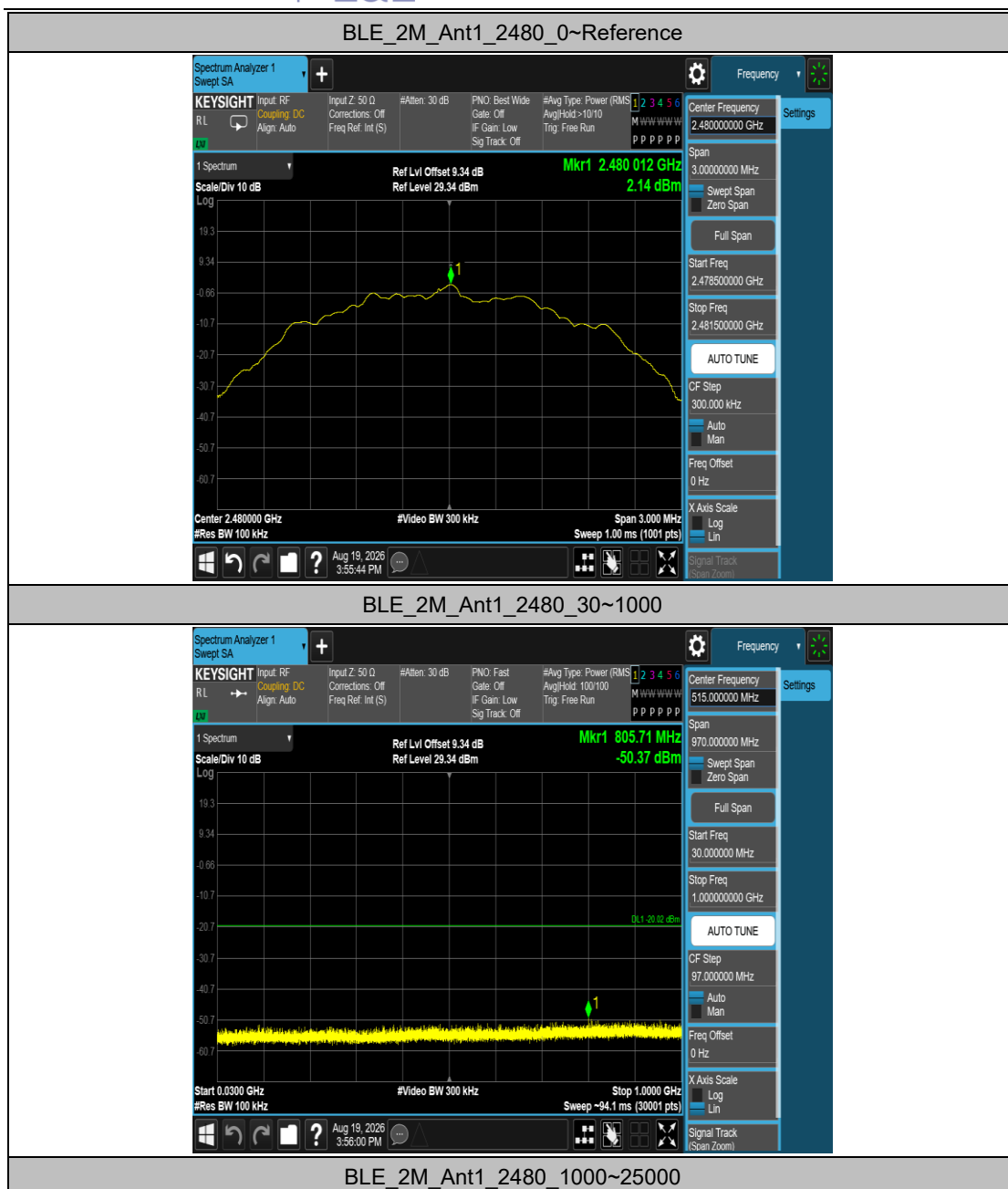














Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]
BLE_1M	Ant1	2402	0.39	0.63	0.6190	61.90
		2440	0.39	0.63	0.6190	61.90
		2480	0.39	0.63	0.6190	61.90
BLE_2M	Ant1	2402	0.20	0.62	0.3226	32.26
		2440	0.21	0.63	0.3333	33.33
		2480	0.21	0.63	0.3333	33.33