

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.692	2401.636	2402.328	0.5	PASS
		2440	0.644	2439.660	2440.304	0.5	PASS
		2480	0.724	2479.608	2480.332	0.5	PASS
BLE_2M	Ant1	2402	1.124	2401.436	2402.560	0.5	PASS
		2440	1.244	2439.324	2440.568	0.5	PASS
		2480	1.296	2479.312	2480.608	0.5	PASS

Test Graphs







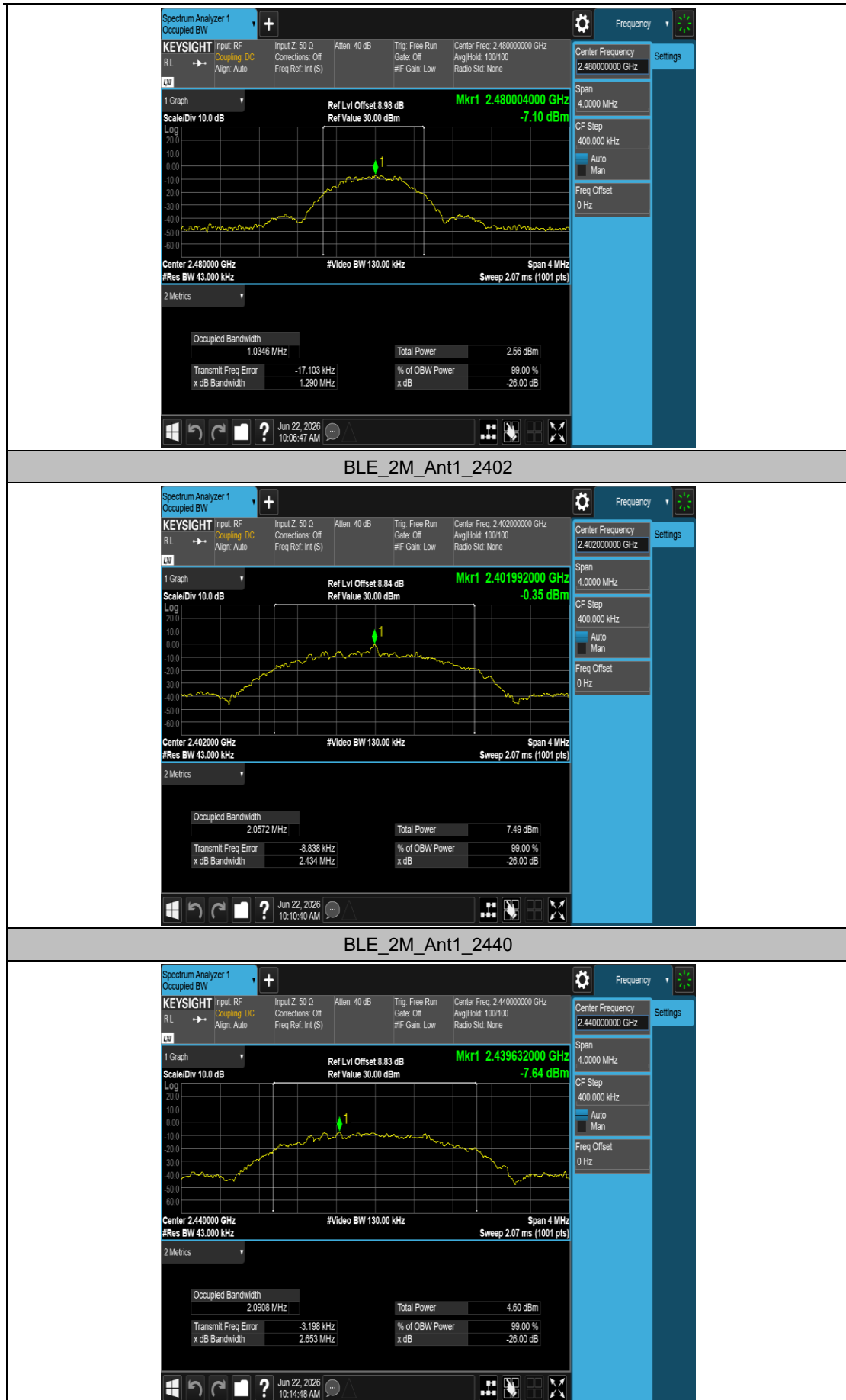
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0316	2401.4646	2402.4962	---	---
		2440	1.0339	2439.4620	2440.4959	---	---
		2480	1.0346	2479.4656	2480.5002	---	---
BLE_2M	Ant1	2402	2.0572	2400.9626	2403.0198	---	---
		2440	2.0908	2438.9514	2441.0422	---	---
		2480	2.0779	2478.9600	2481.0379	---	---

Test Graphs





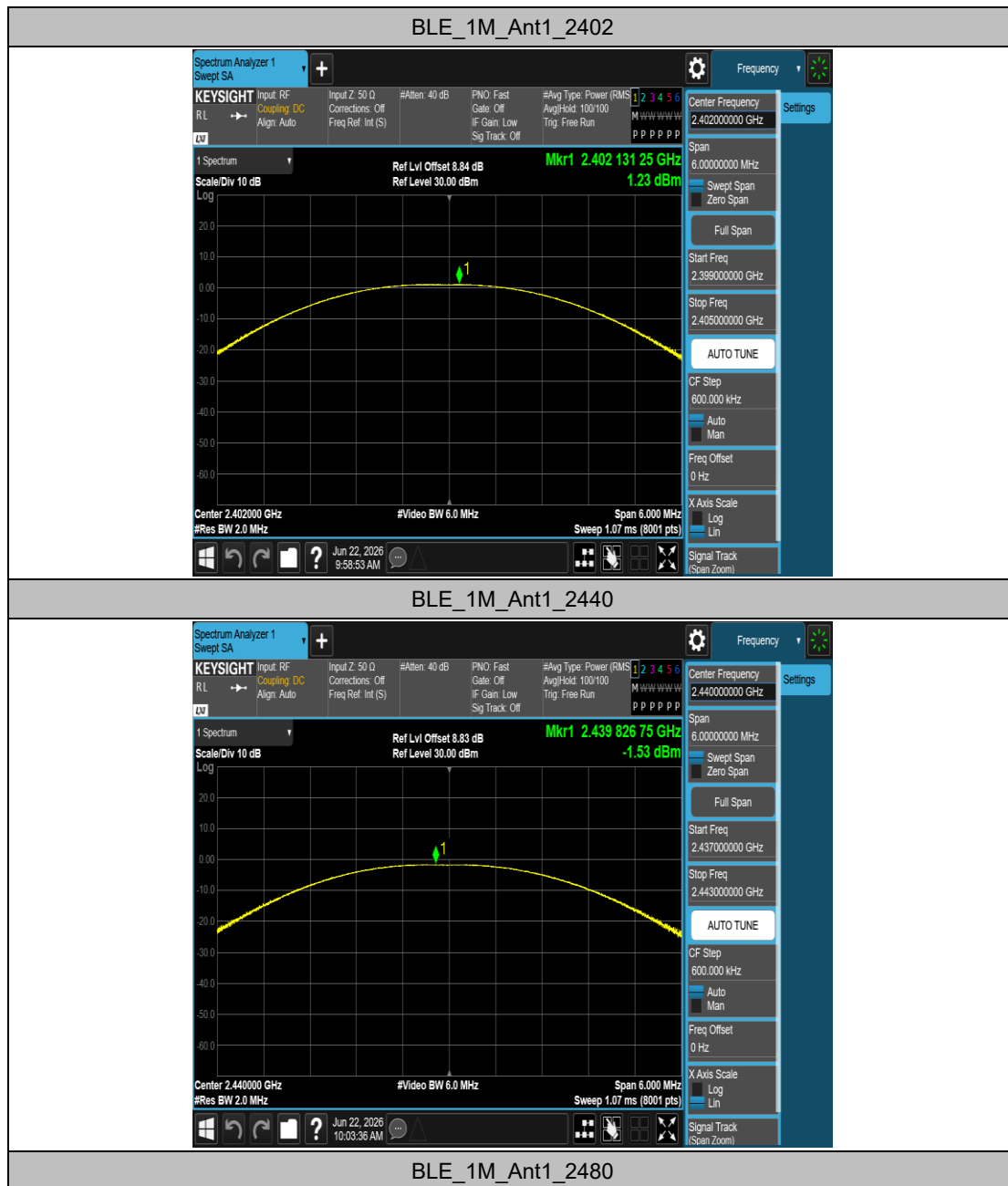


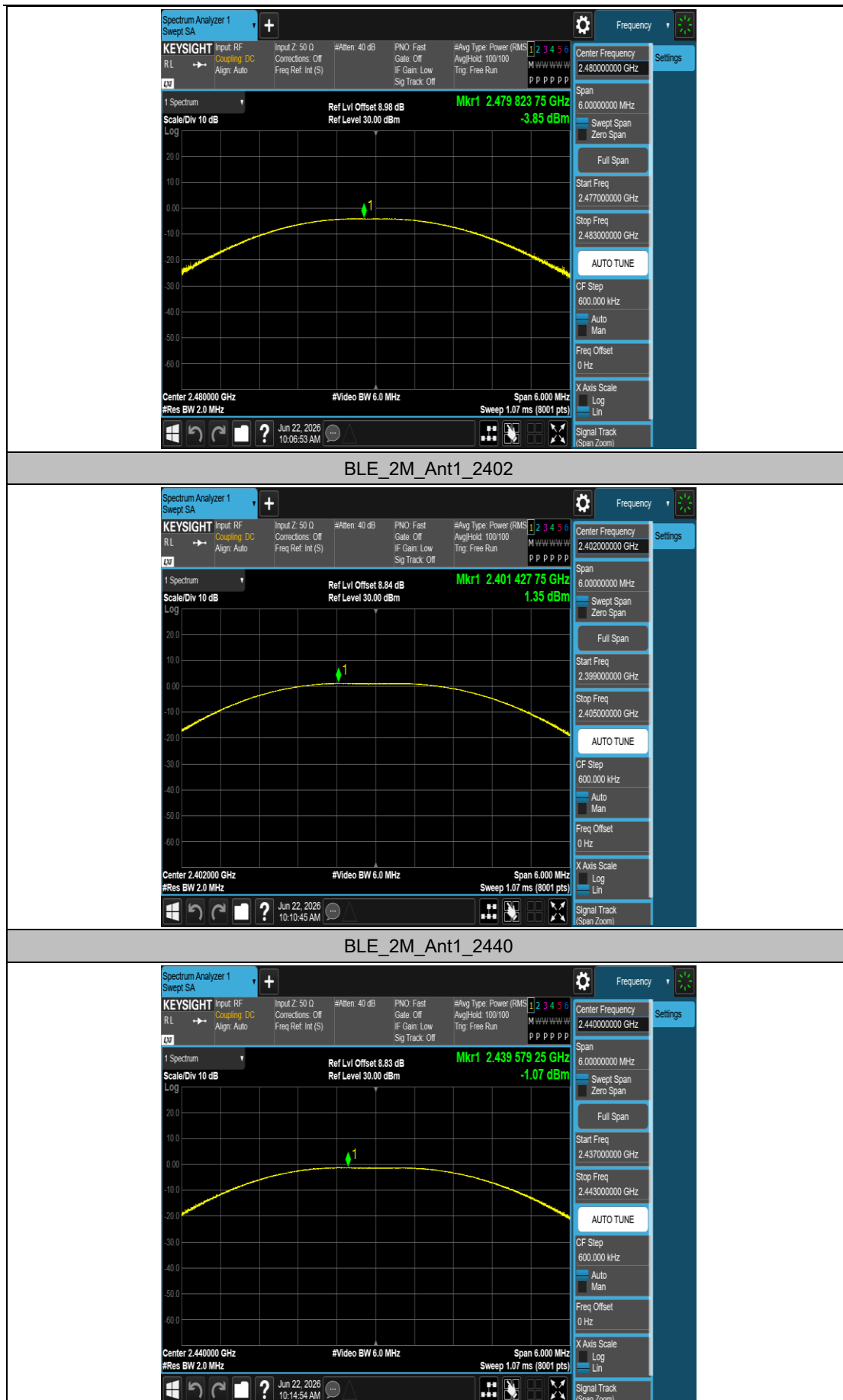
Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	EIRP [dBm]	EIRP Limit[dBm]	Verdict
BLE_1M	Ant1	2402	1.23	≤30	2.32	≤36	PASS
		2440	-1.53	≤30	-0.44	≤36	PASS
		2480	-3.85	≤30	-2.76	≤36	PASS
BLE_2M	Ant1	2402	1.35	≤30	2.44	≤36	PASS
		2440	-1.07	≤30	0.02	≤36	PASS
		2480	-3.33	≤30	-2.24	≤36	PASS

Test Graphs





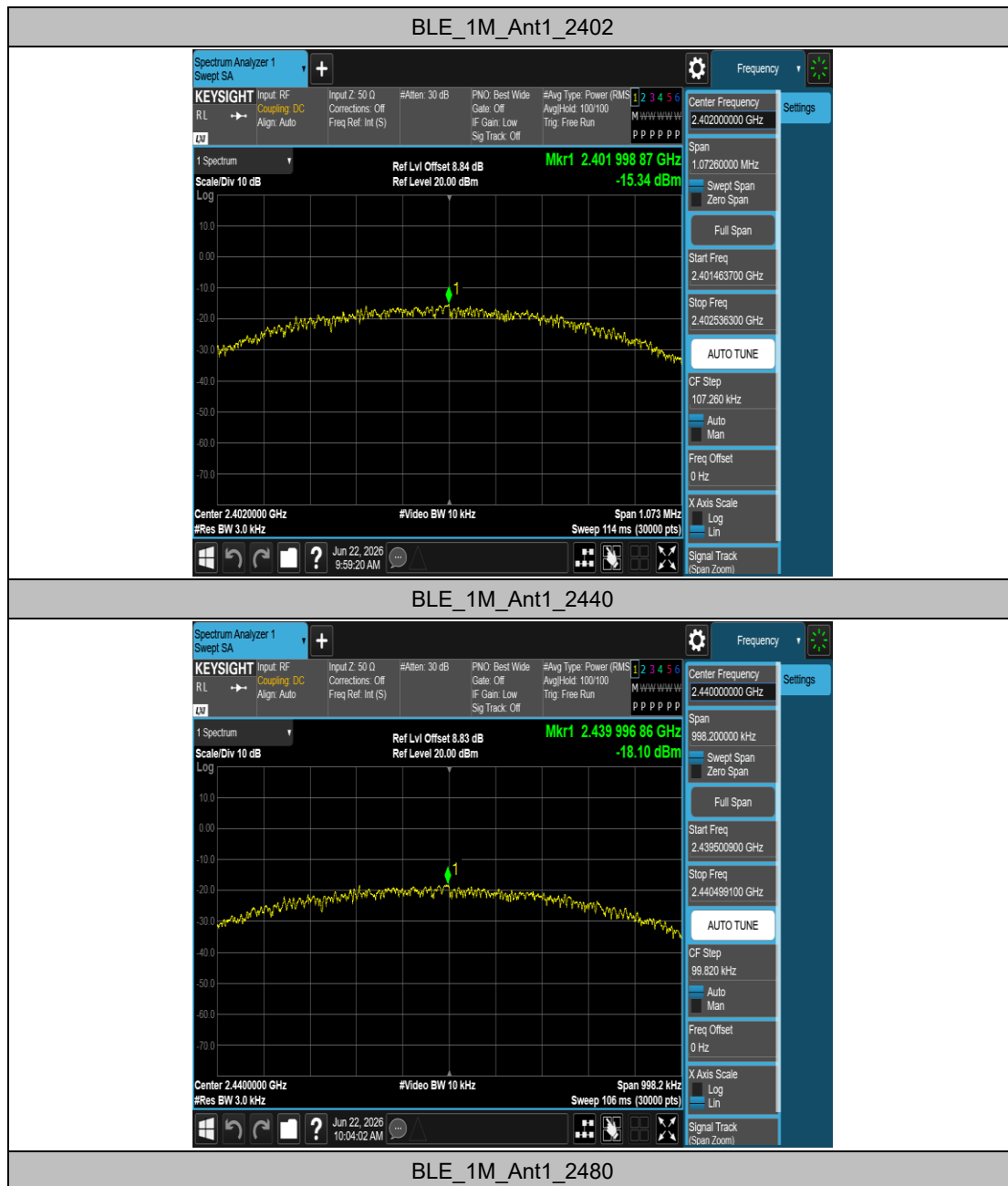


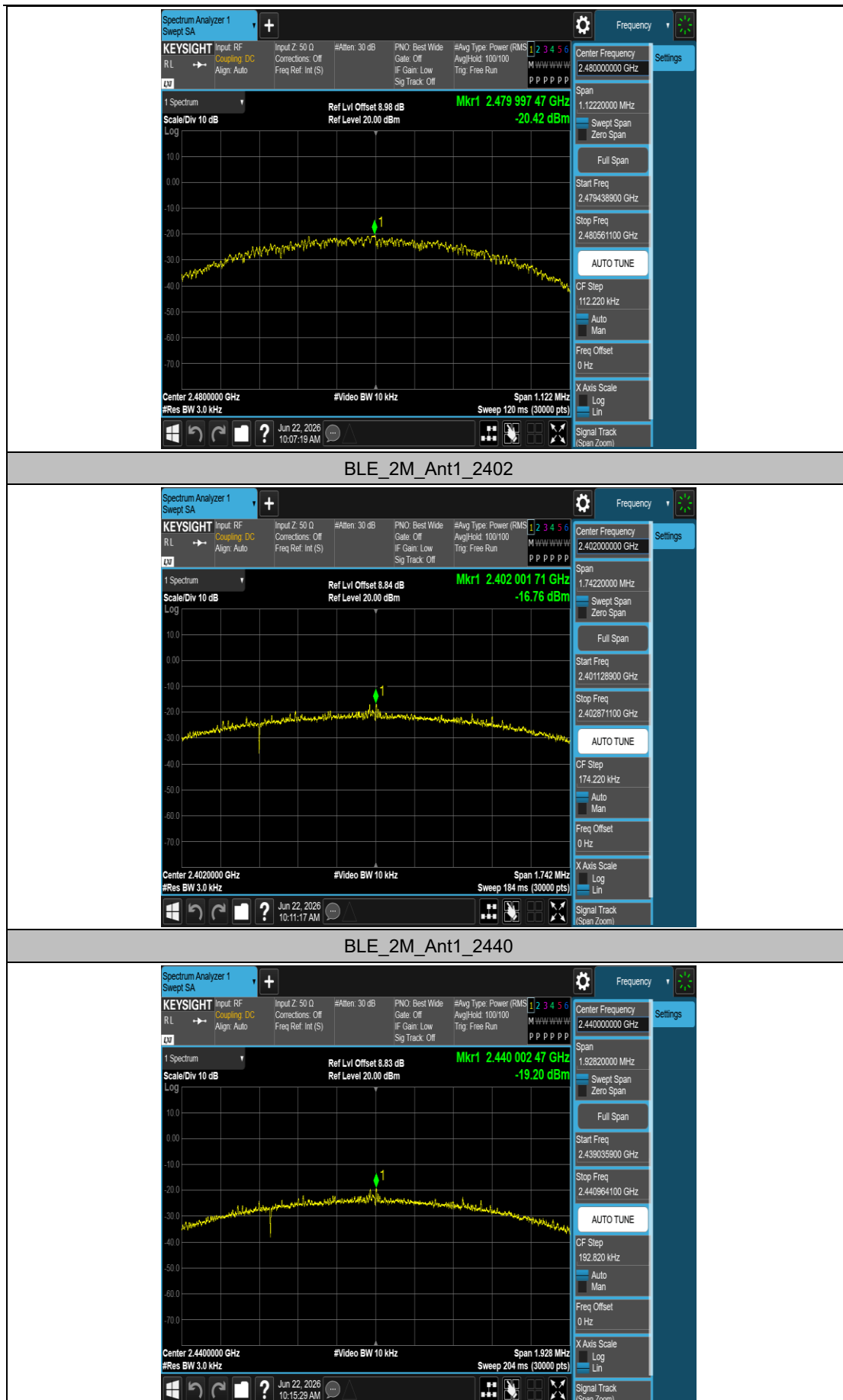
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-15.34	≤8.00	PASS
		2440	-18.10	≤8.00	PASS
		2480	-20.42	≤8.00	PASS
BLE_2M	Ant1	2402	-16.76	≤8.00	PASS
		2440	-19.20	≤8.00	PASS
		2480	-21.44	≤8.00	PASS

Test Graphs





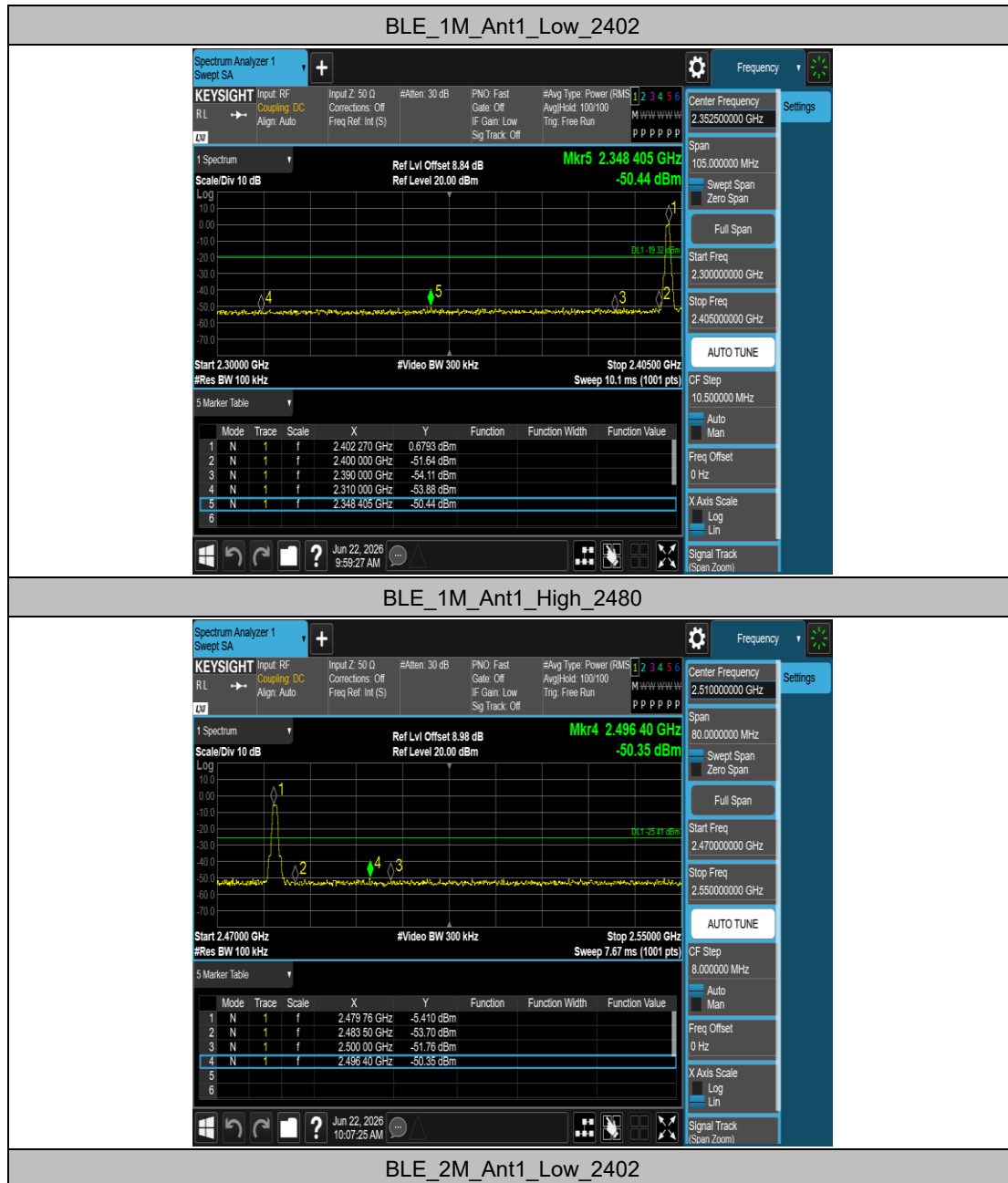


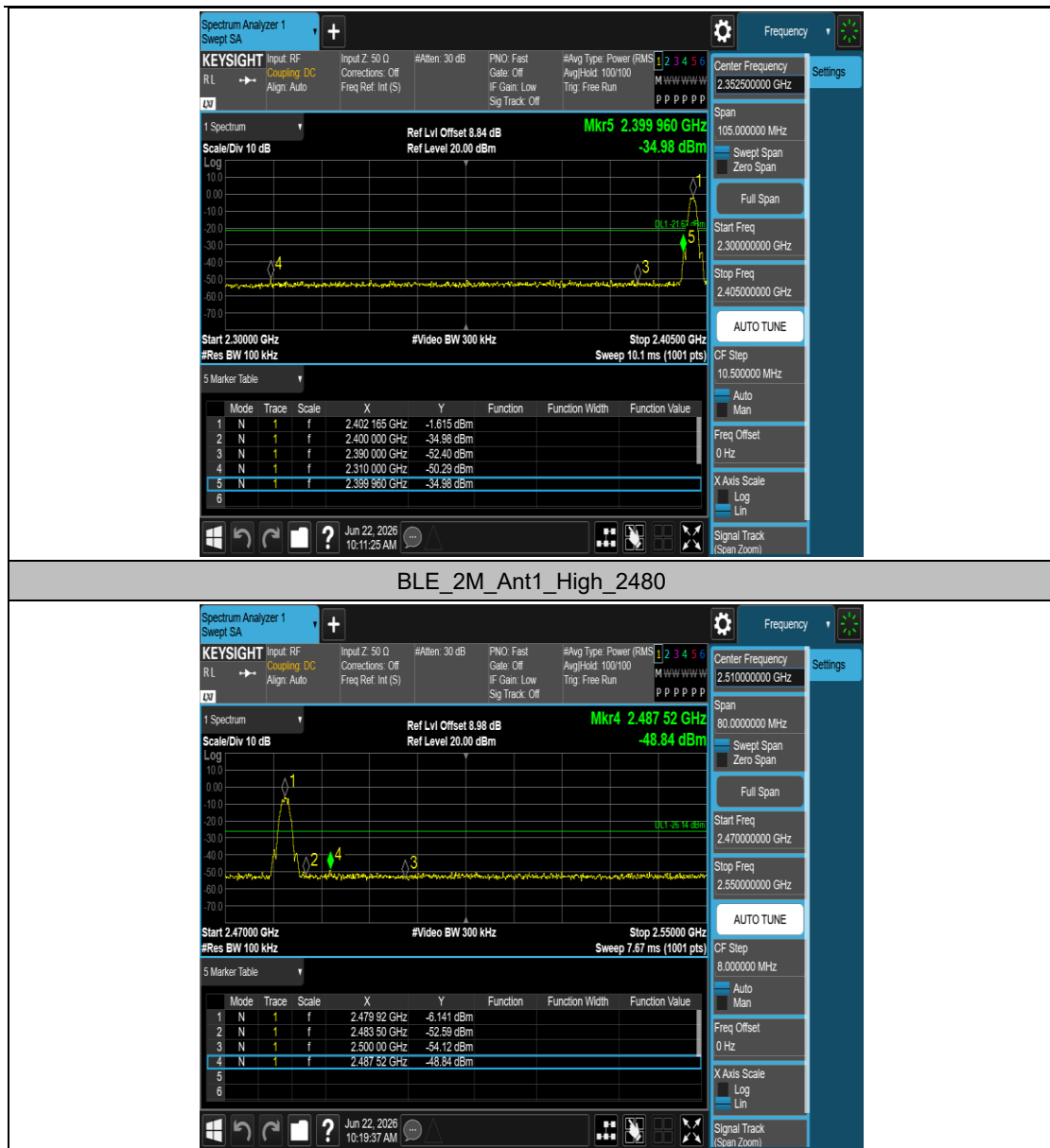
Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	0.68	-50.44	≤ -19.32	PASS
		High	2480	-5.41	-50.35	≤ -25.41	PASS
BLE_2M	Ant1	Low	2402	-1.62	-34.98	≤ -21.62	PASS
		High	2480	-6.14	-48.84	≤ -26.14	PASS

Test Graphs



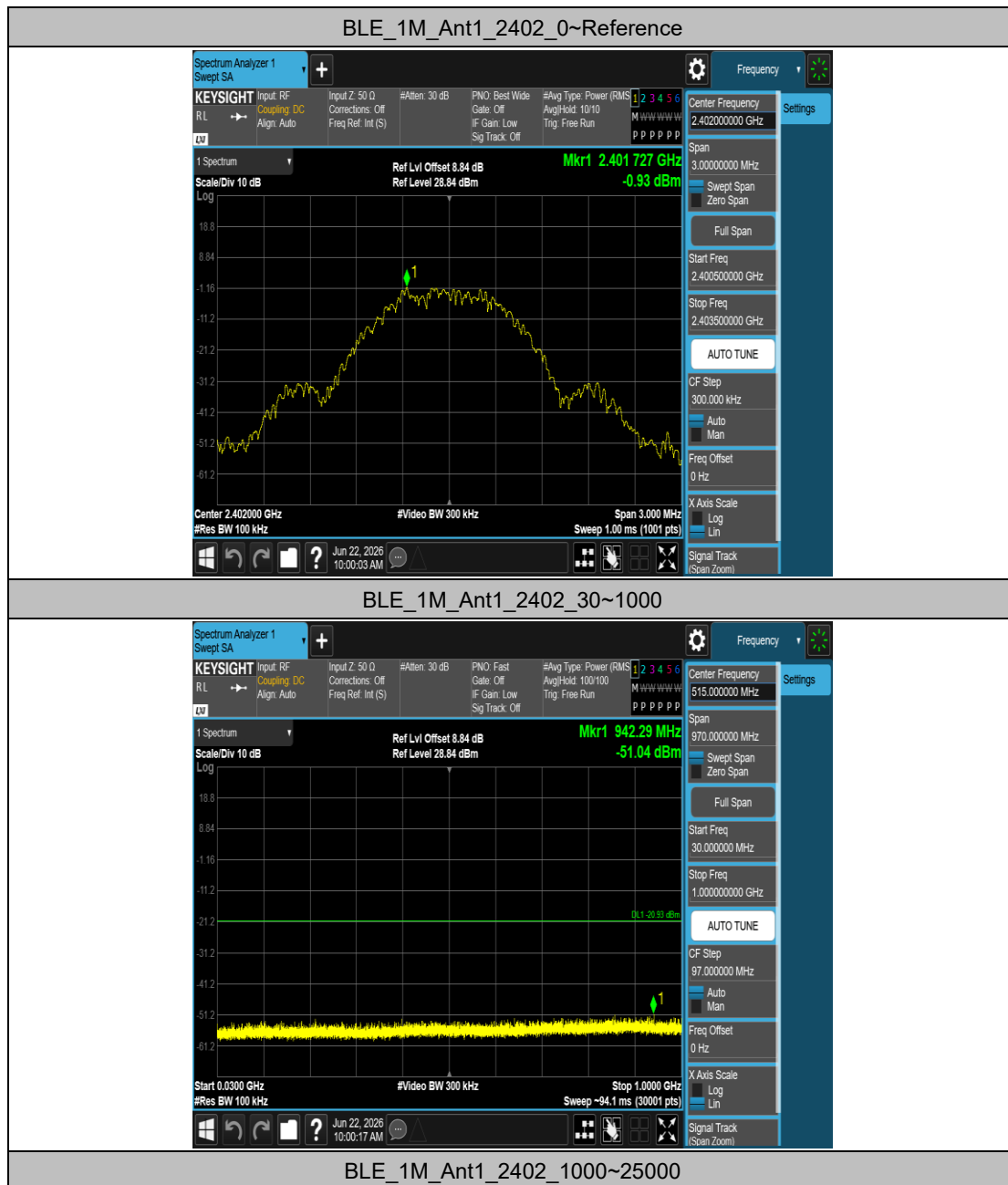


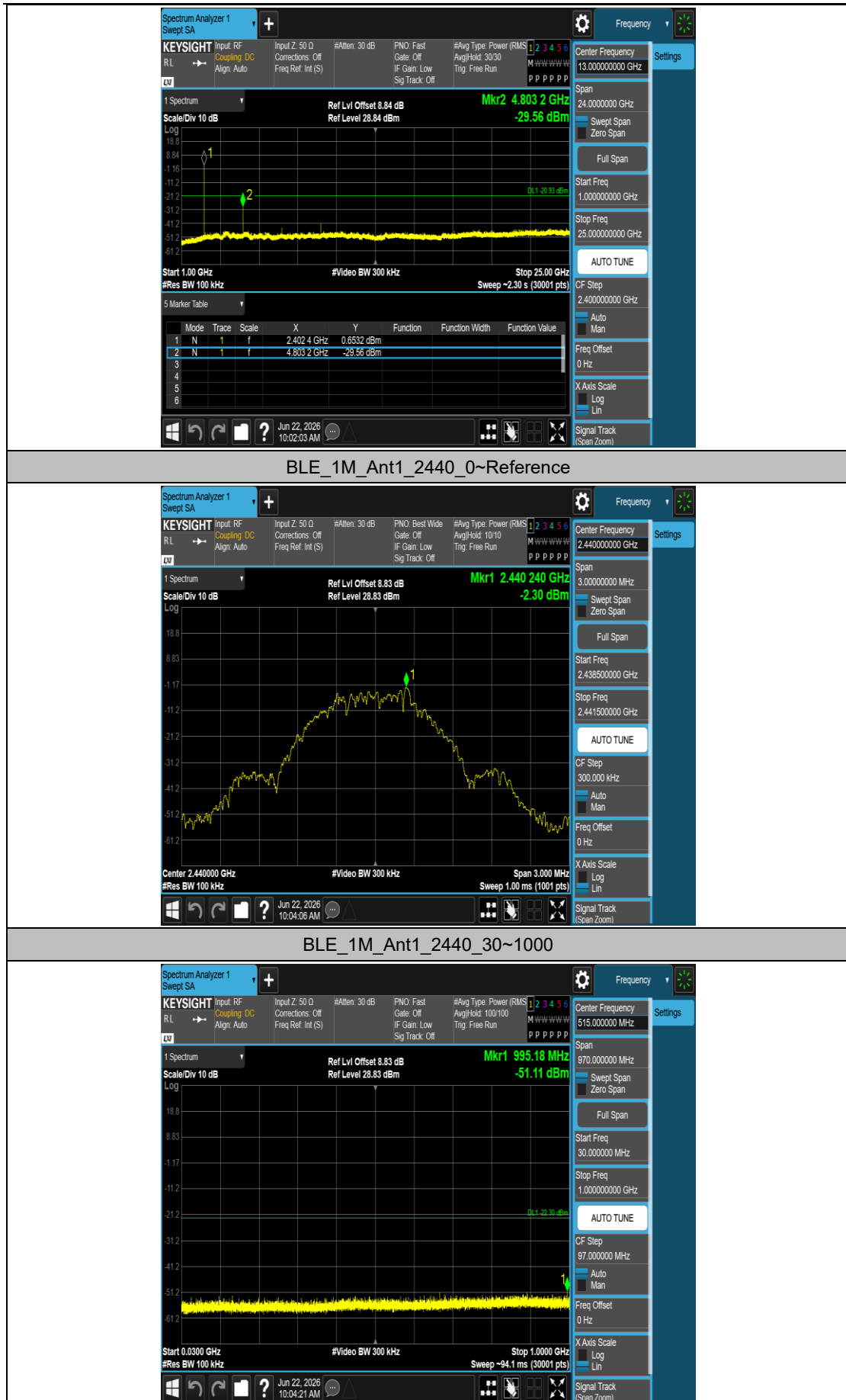
Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-0.93	-0.93	---	PASS
			30~1000	-0.93	-51.04	≤-20.93	PASS
			1000~25000	-0.93	-29.56	≤-20.93	PASS
		2440	Reference	-2.30	-2.30	---	PASS
			30~1000	-2.30	-51.11	≤-22.3	PASS
			1000~25000	-2.30	-29.61	≤-22.3	PASS
		2480	Reference	-5.81	-5.81	---	PASS
			30~1000	-5.81	-51.24	≤-25.81	PASS
			1000~25000	-5.81	-29.97	≤-25.81	PASS
BLE_2M	Ant1	2402	Reference	-0.80	-0.80	---	PASS
			30~1000	-0.80	-50.55	≤-20.8	PASS
			1000~25000	-0.80	-30.43	≤-20.8	PASS
		2440	Reference	-4.58	-4.58	---	PASS
			30~1000	-4.58	-50.95	≤-24.58	PASS
			1000~25000	-4.58	-29.9	≤-24.58	PASS
		2480	Reference	-8.01	-8.01	---	PASS
			30~1000	-8.01	-51.42	≤-28.01	PASS
			1000~25000	-8.01	-31.22	≤-28.01	PASS

Test Graphs

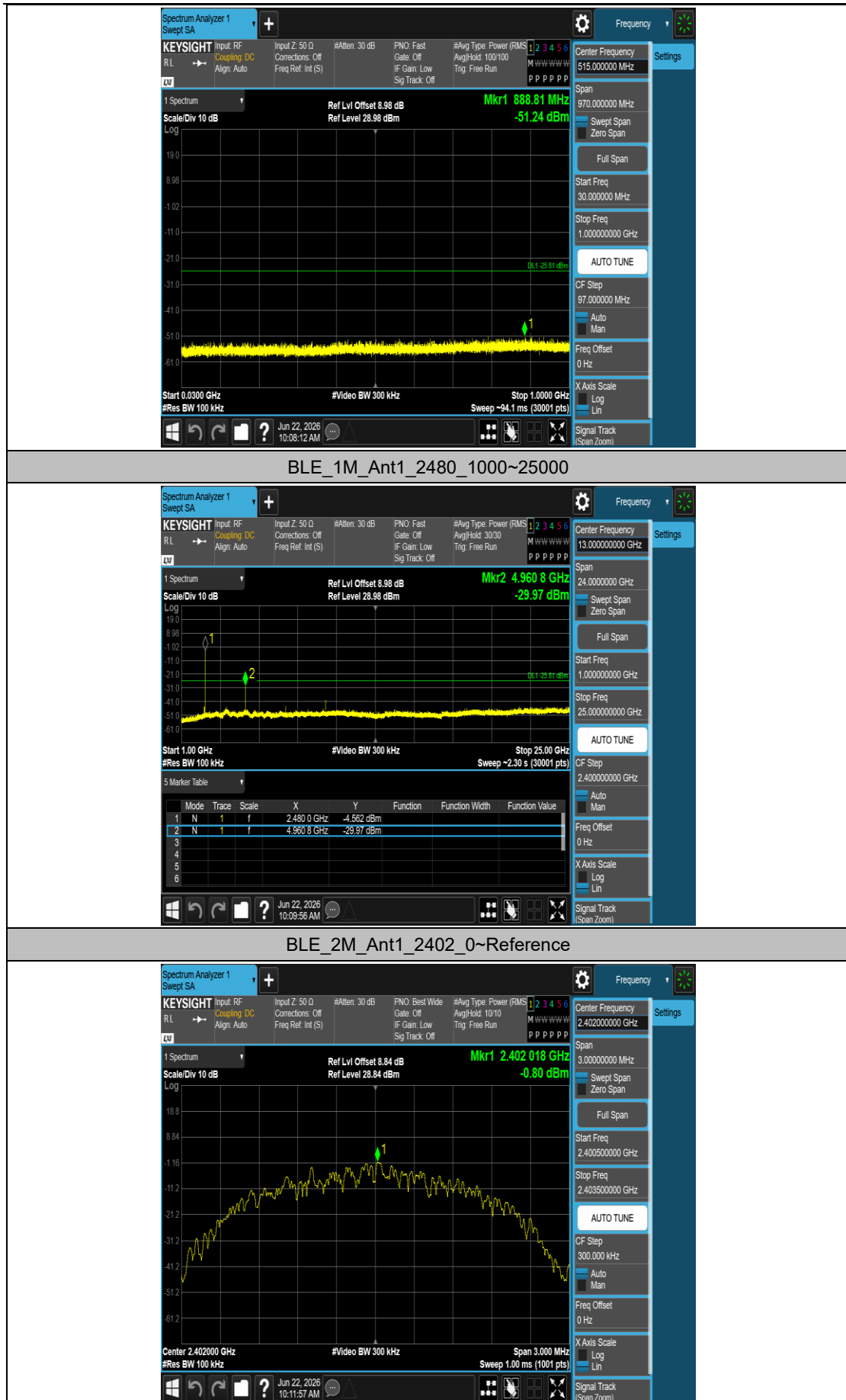


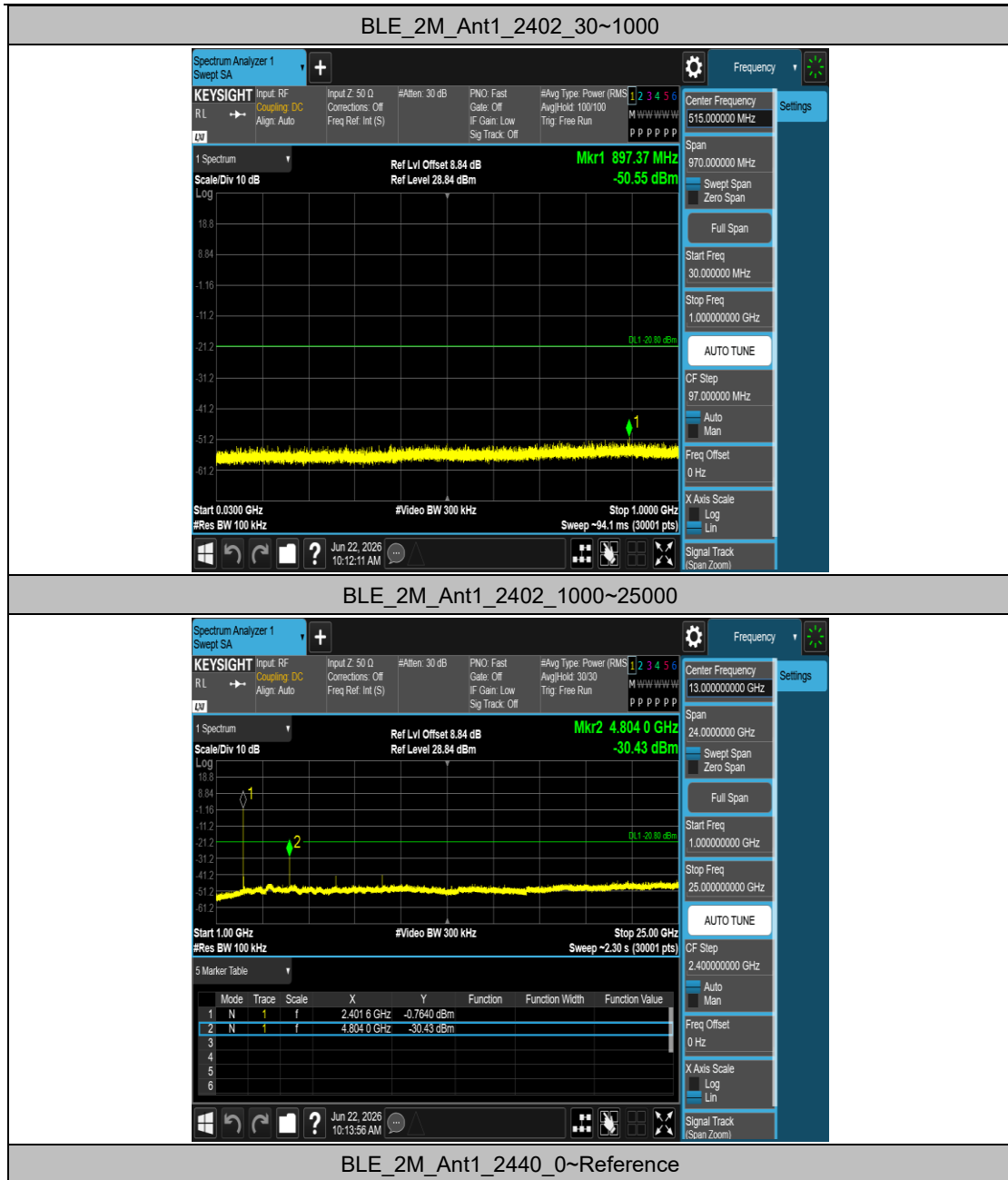


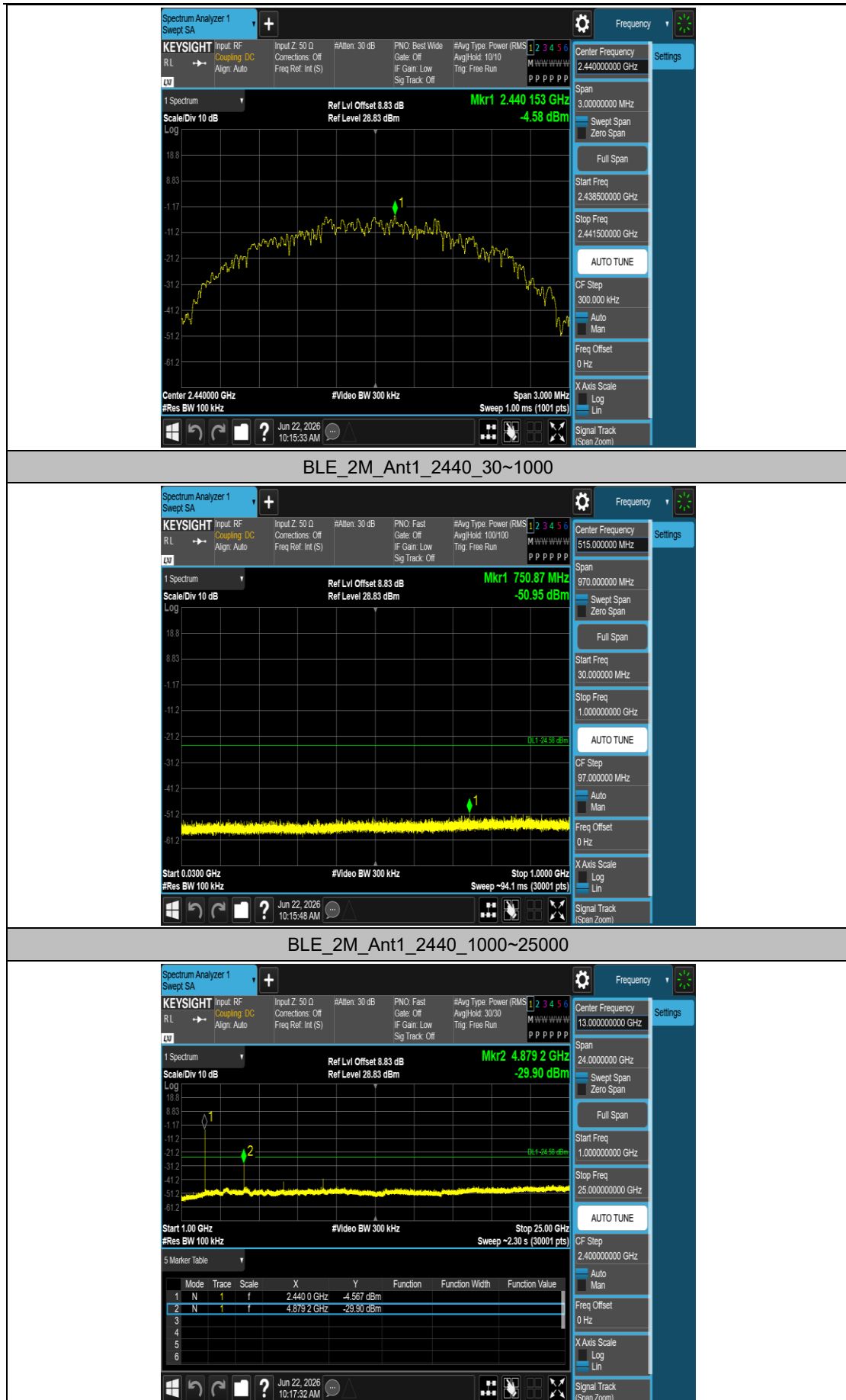
BLE_1M_Ant1_2440_1000~25000

BLE_1M_Ant1_2480_0~Reference

BLE_1M_Ant1_2480_30~1000



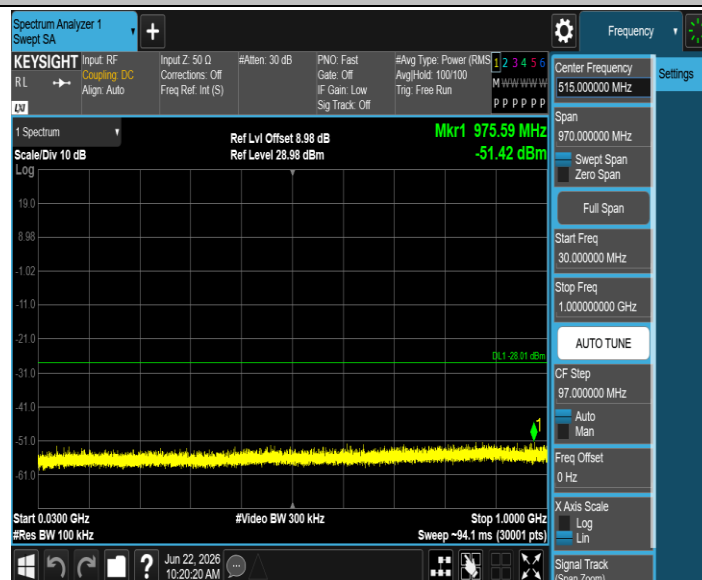




BLE_2M_Ant1_2480_0~Reference



BLE_2M_Ant1_2480_30~1000



BLE_2M_Ant1_2480_1000~25000



Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]
BLE_1M	Ant1	2402	2.13	2.50	0.8520	85.20
		2440	2.14	2.50	0.8560	85.60
		2480	2.14	2.50	0.8560	85.60
BLE_2M	Ant1	2402	1.08	2.50	0.4320	43.20
		2440	1.08	2.50	0.4320	43.20
		2480	1.08	2.50	0.4320	43.20