

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.680	2401.640	2402.320	0.5	PASS
		2440	0.648	2439.676	2440.324	0.5	PASS
		2480	0.652	2479.656	2480.308	0.5	PASS
BLE_2M	Ant1	2402	1.064	2401.444	2402.508	0.5	PASS
		2440	1.088	2439.428	2440.516	0.5	PASS
		2480	1.368	2479.312	2480.680	0.5	PASS

Test Graphs







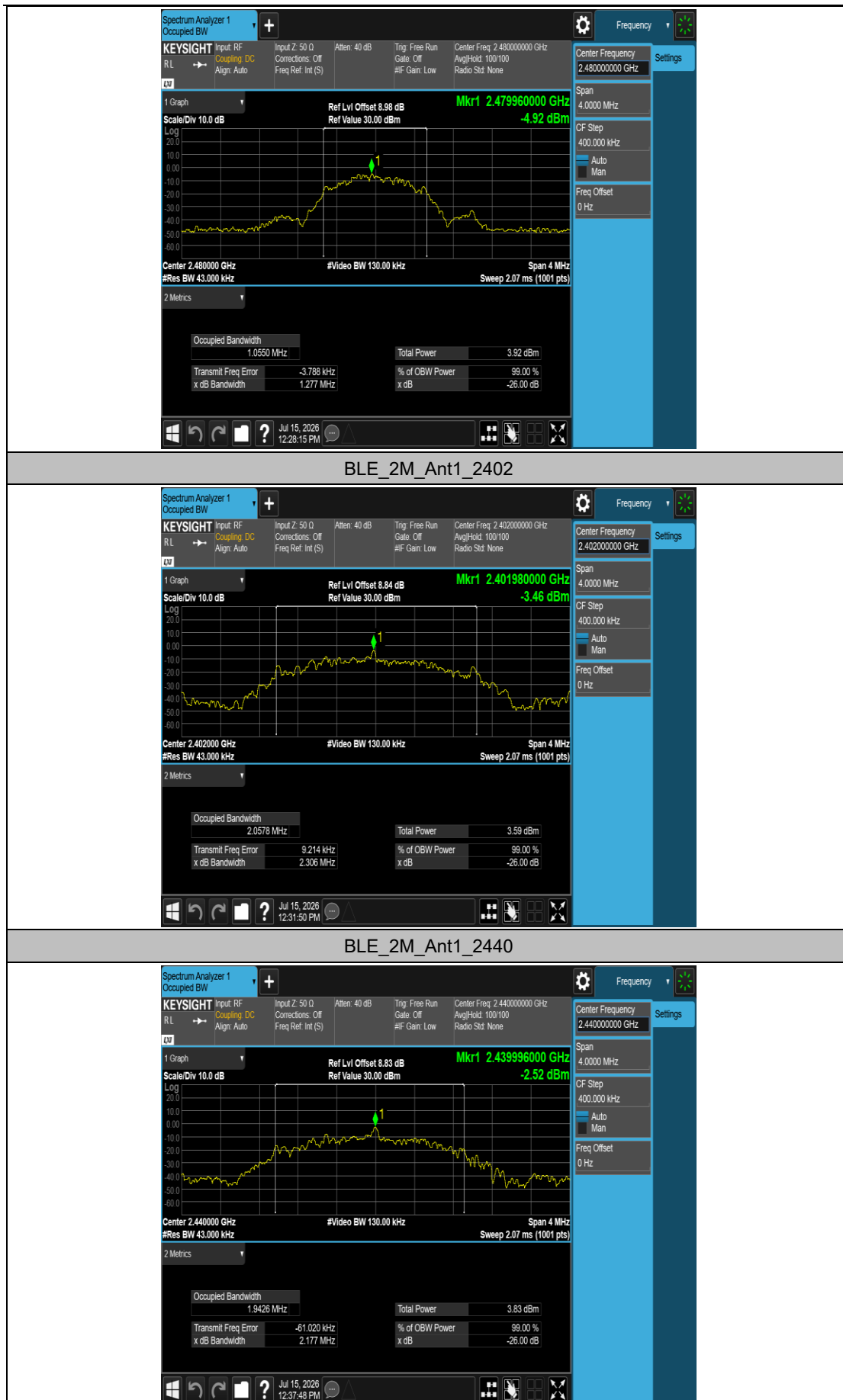
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0370	2401.4749	2402.5119	---	---
		2440	1.0394	2439.4761	2440.5155	---	---
		2480	1.0550	2479.4687	2480.5237	---	---
BLE_2M	Ant1	2402	2.0578	2400.9803	2403.0381	---	---
		2440	1.9426	2438.9677	2440.9103	---	---
		2480	2.0539	2478.9721	2481.0260	---	---

Test Graphs





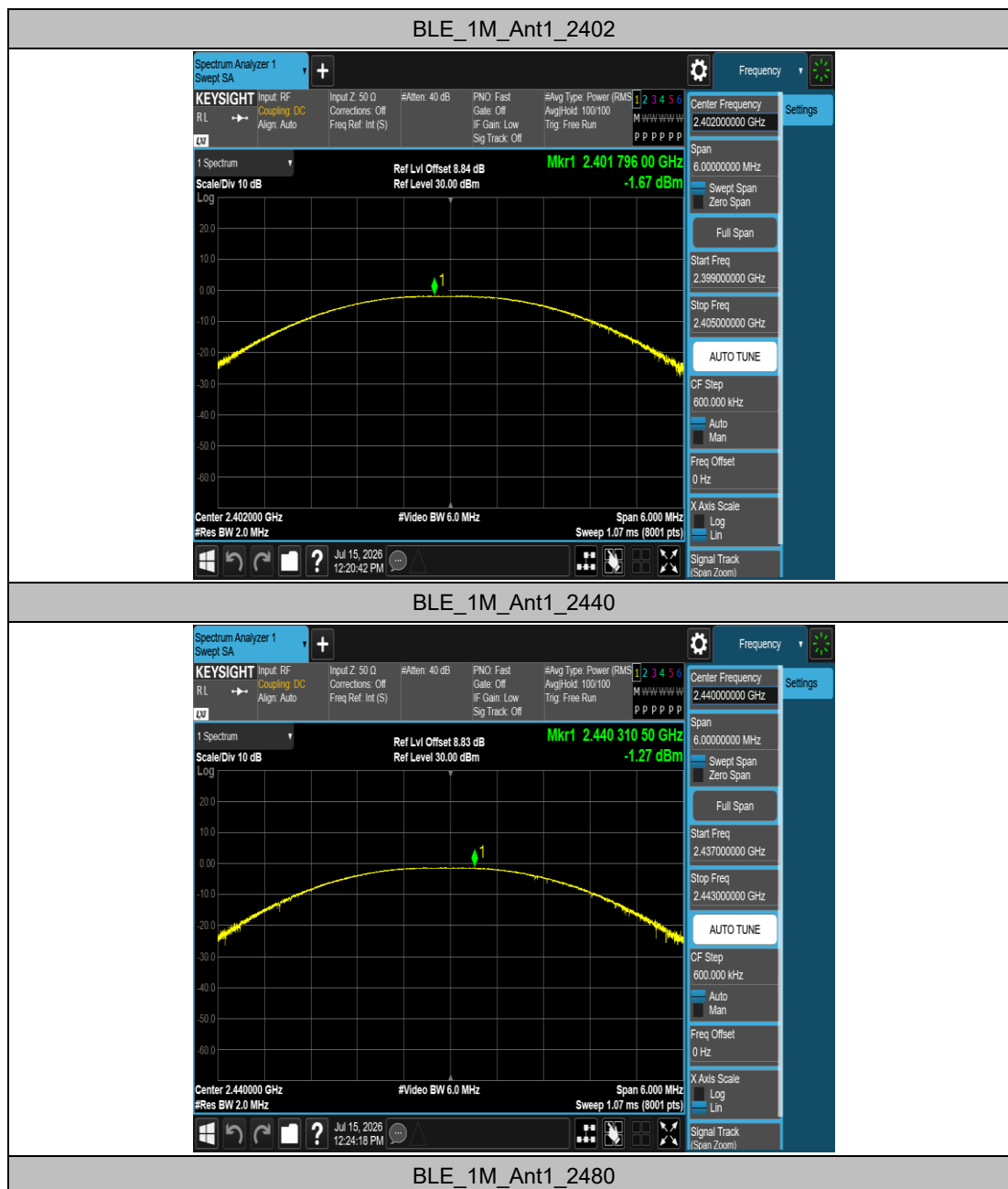


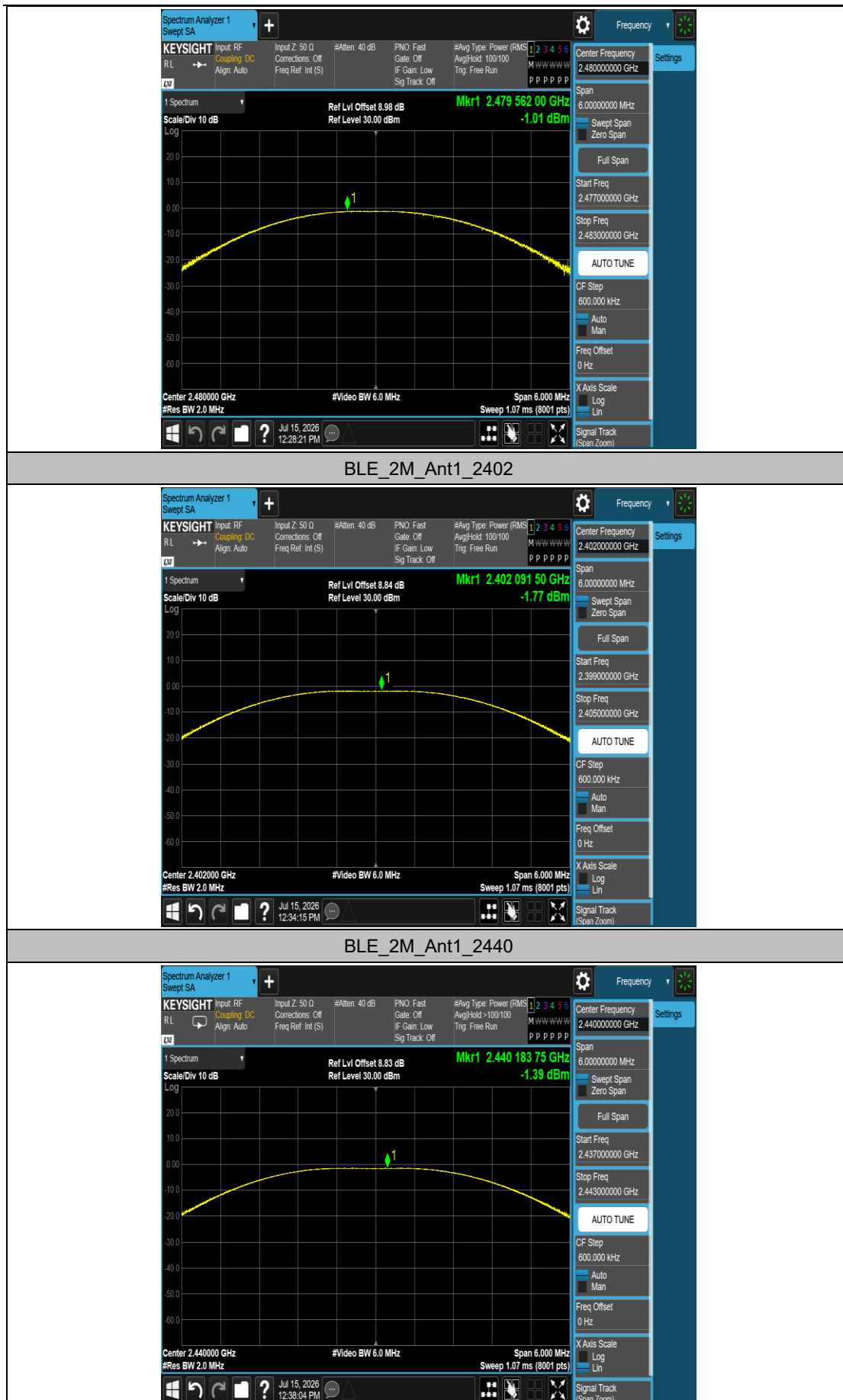
Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-1.67	≤30	PASS
		2440	-1.27	≤30	PASS
		2480	-1.01	≤30	PASS
BLE_2M	Ant1	2402	-1.77	≤30	PASS
		2440	-1.39	≤30	PASS
		2480	-1.02	≤30	PASS

Test Graphs





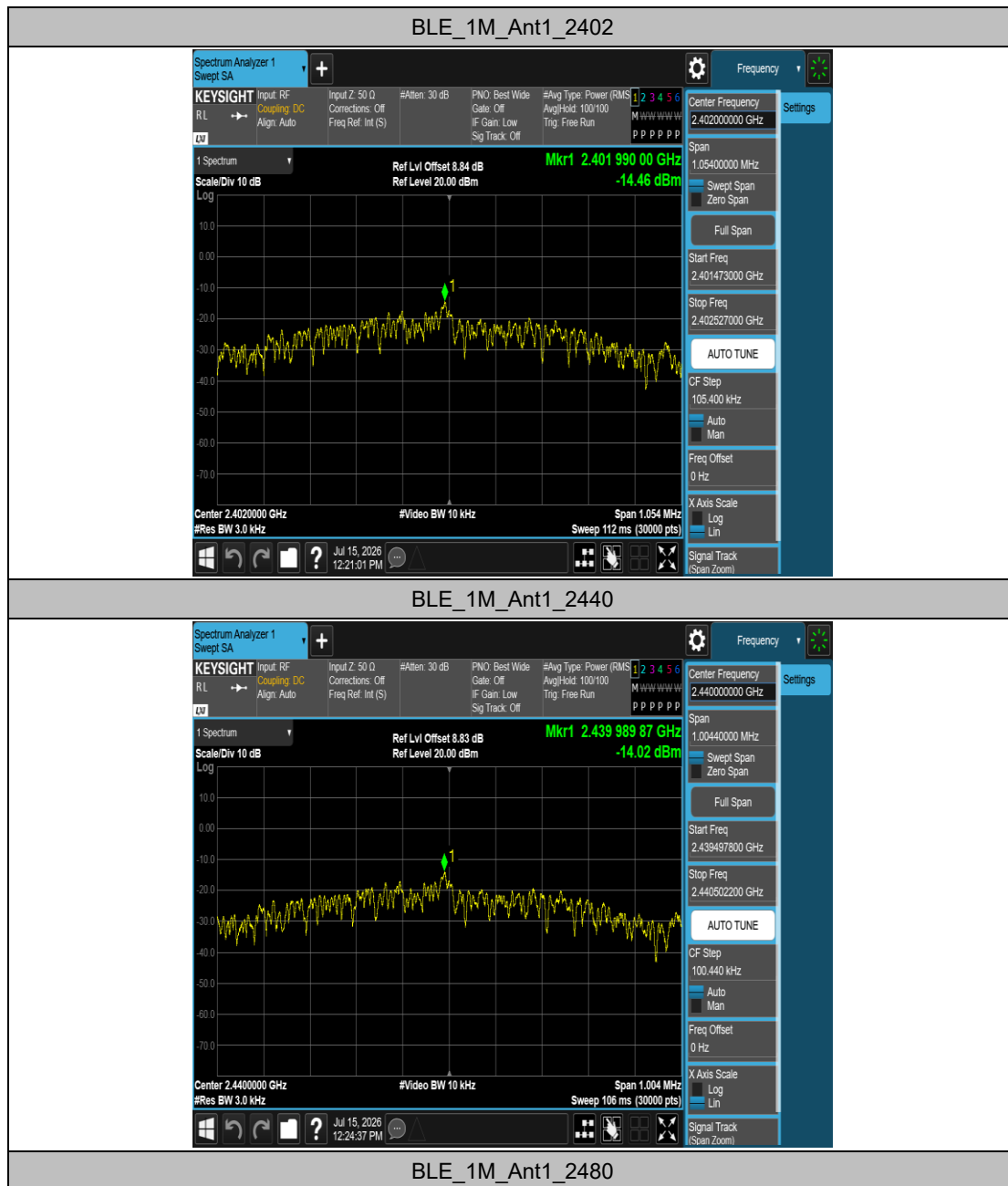


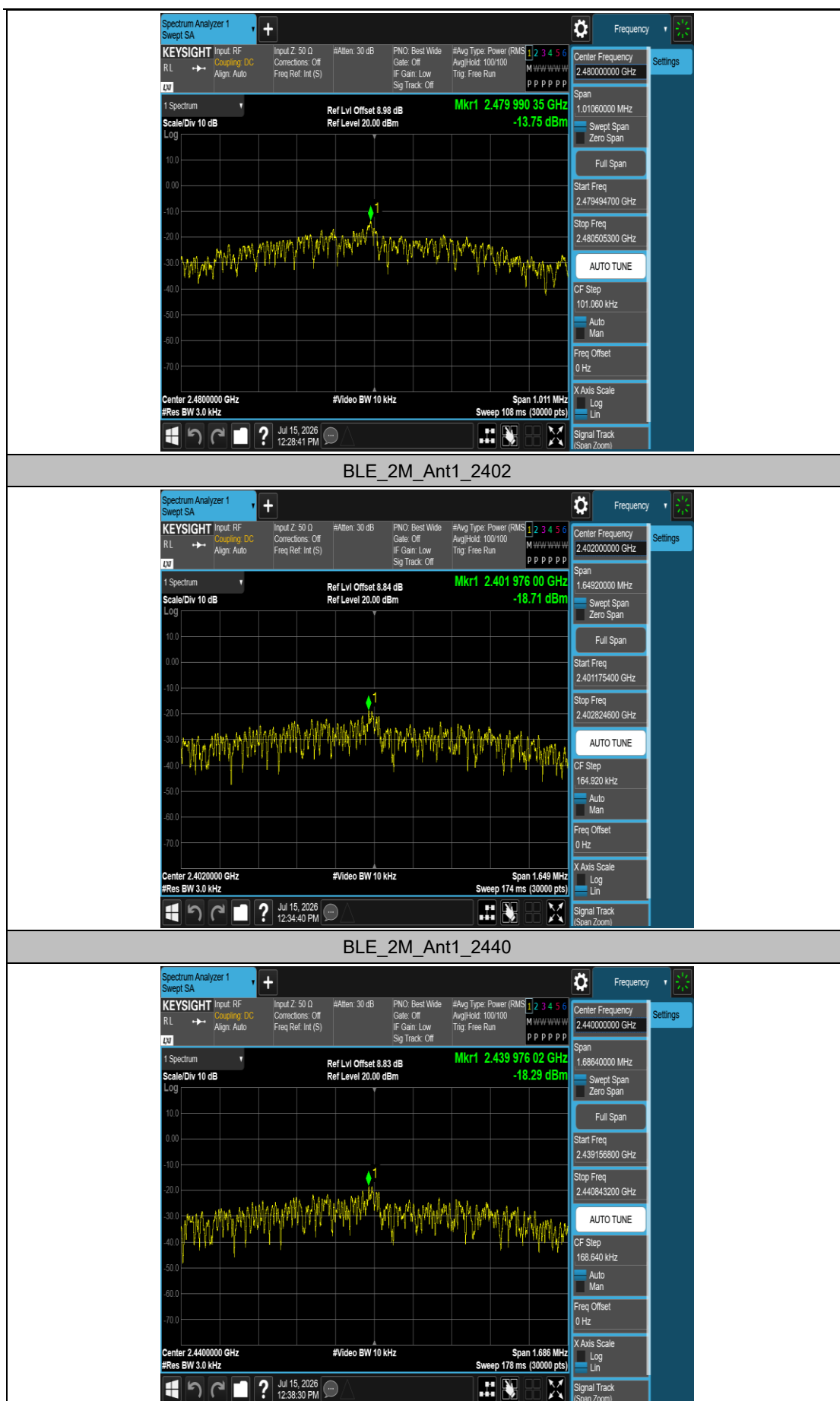
Appendix D: Maximum power spectral density

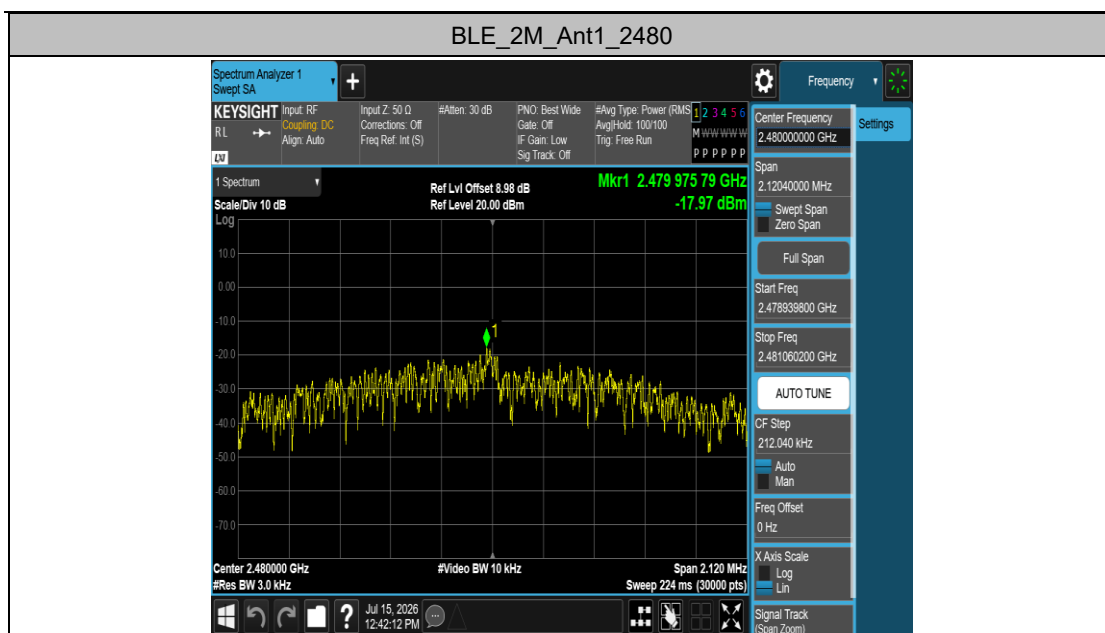
Test Result

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-14.46	≤8.00	PASS
		2440	-14.02	≤8.00	PASS
		2480	-13.75	≤8.00	PASS
BLE_2M	Ant1	2402	-18.71	≤8.00	PASS
		2440	-18.29	≤8.00	PASS
		2480	-17.97	≤8.00	PASS

Test Graphs





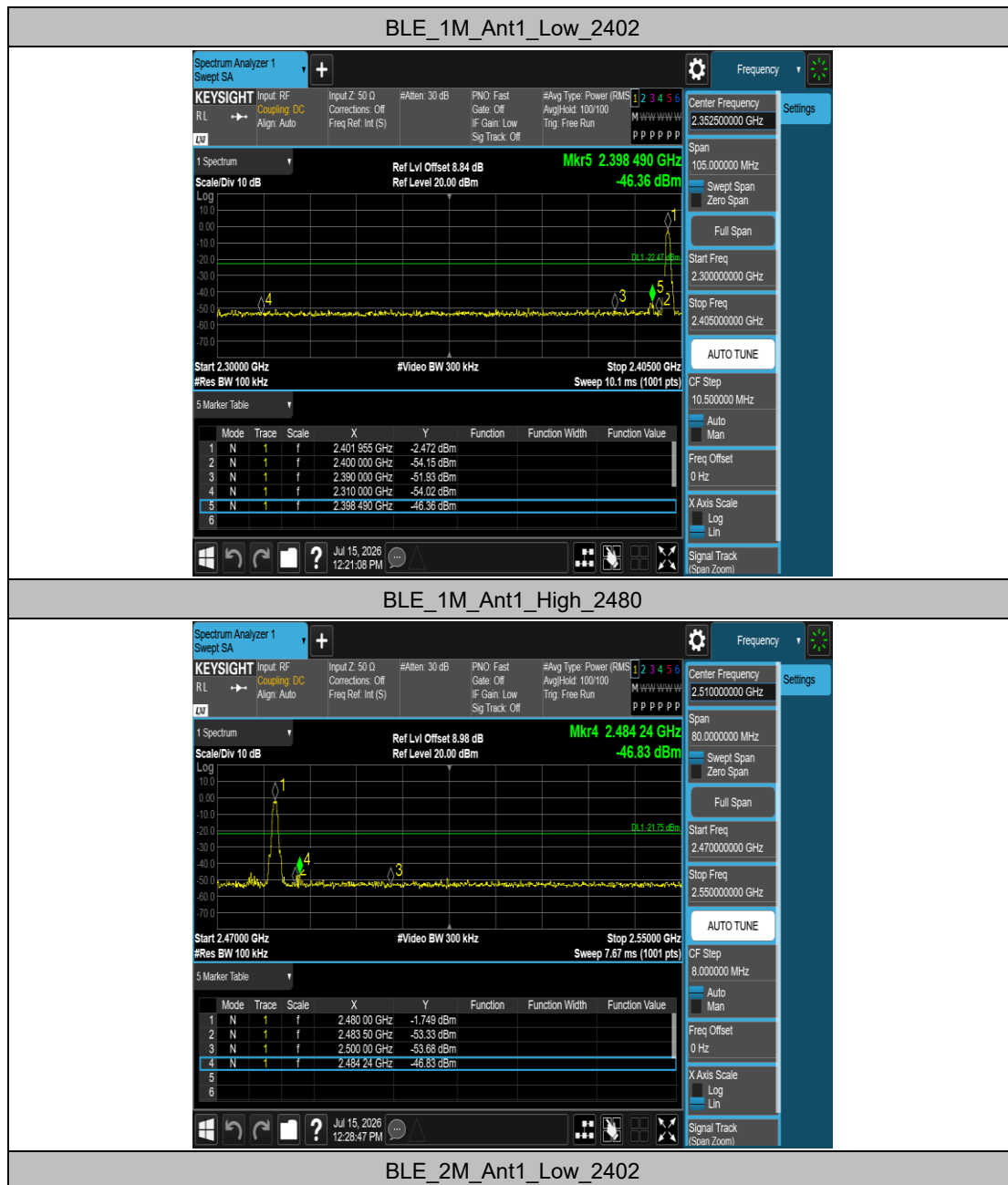


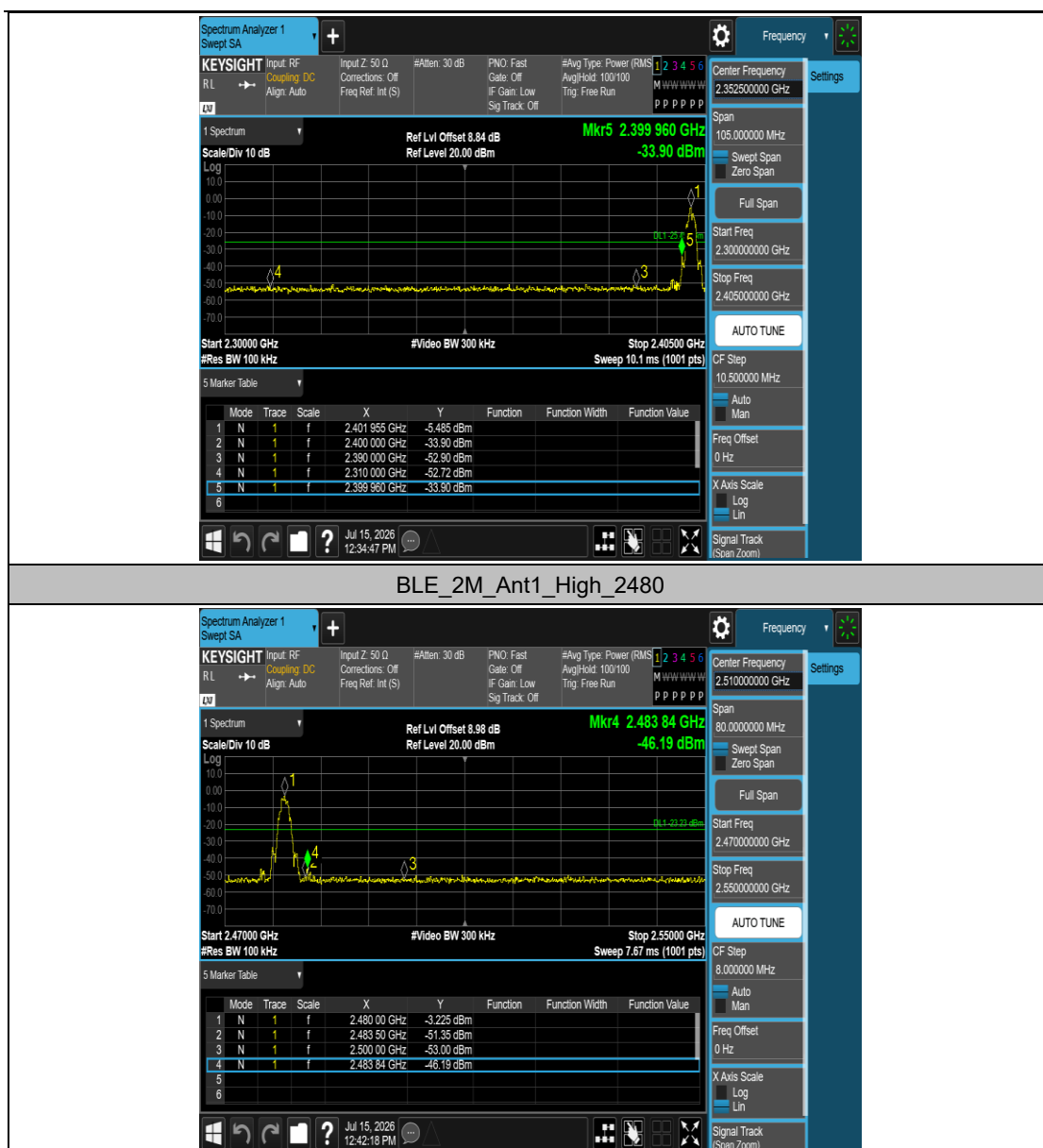
Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-2.47	-46.36	≤ -22.47	PASS
		High	2480	-1.75	-46.83	≤ -21.75	PASS
BLE_2M	Ant1	Low	2402	-5.49	-33.9	≤ -25.49	PASS
		High	2480	-3.23	-46.19	≤ -23.23	PASS

Test Graphs



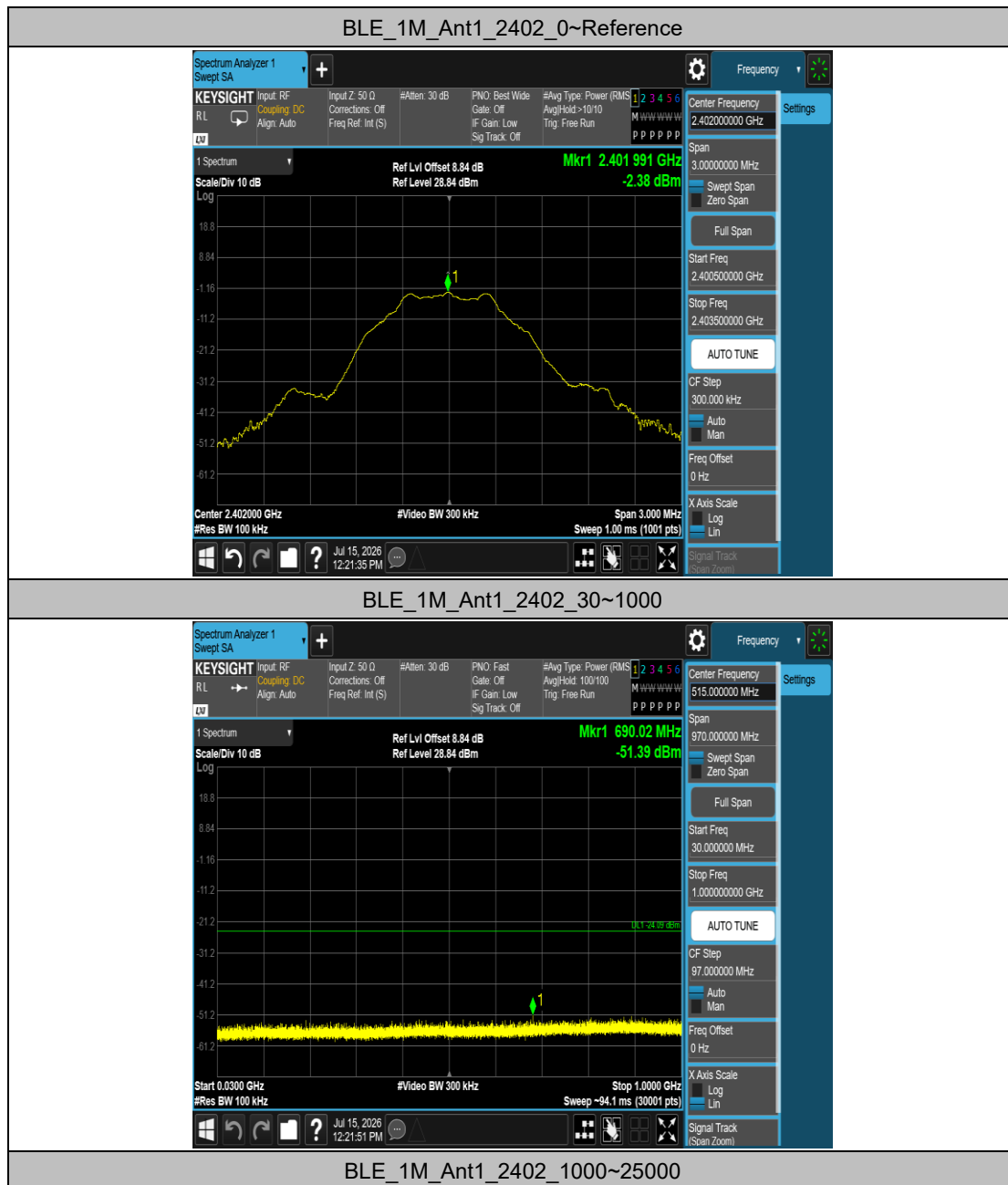


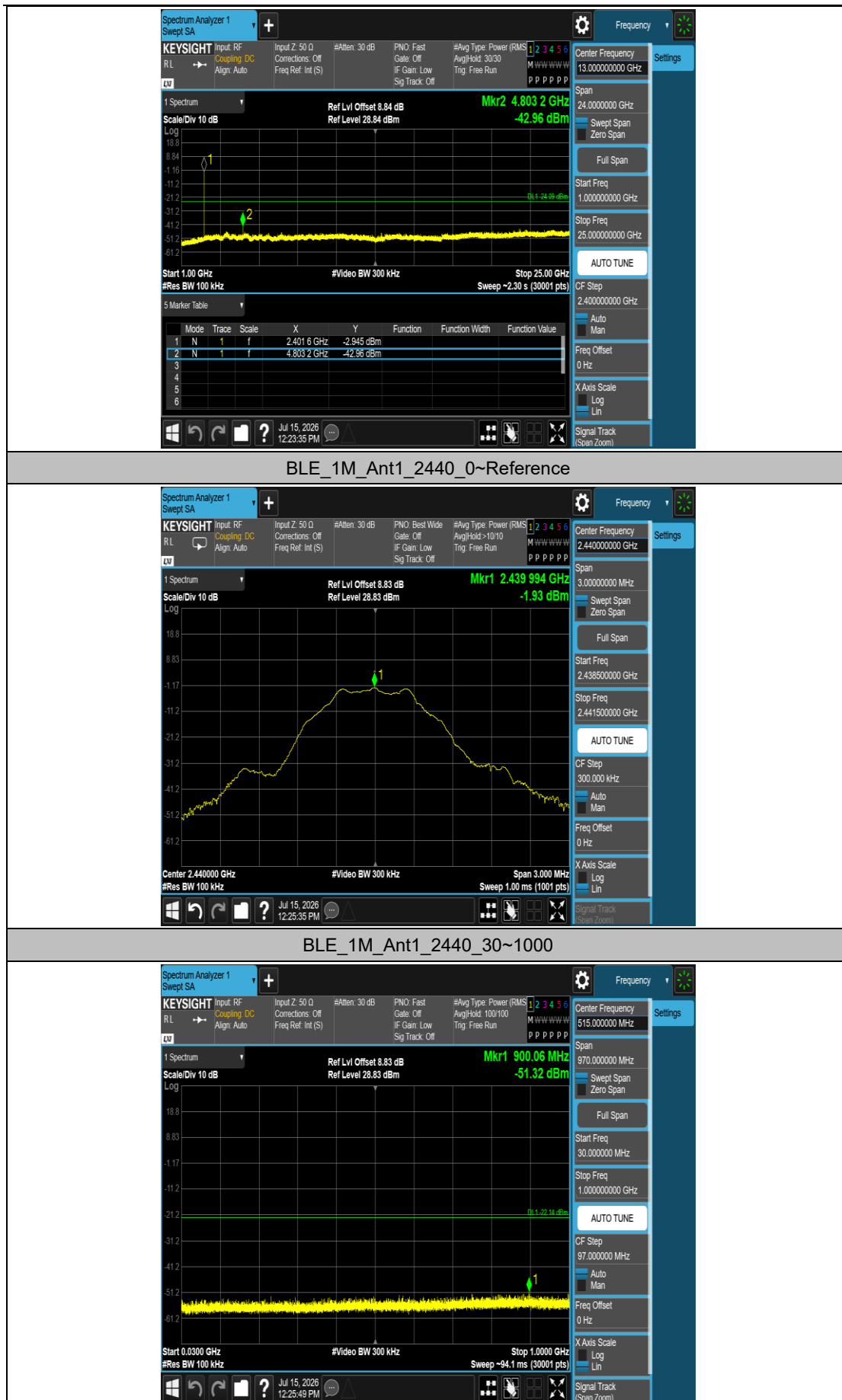
Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-2.38	-4.09	---	PASS
			30~1000	-2.38	-51.39	≤-22.38	PASS
			1000~25000	-2.38	-42.96	≤-22.38	PASS
		2440	Reference	-1.93	-2.14	---	PASS
			30~1000	-1.93	-51.32	≤-21.93	PASS
			1000~25000	-1.93	-44.39	≤-21.93	PASS
		2480	Reference	-1.68	-1.68	---	PASS
			30~1000	-1.68	-51.42	≤-21.68	PASS
			1000~25000	-1.68	-44.14	≤-21.68	PASS
BLE_2M	Ant1	2402	Reference	-2.39	-6.47	---	PASS
			30~1000	-2.39	-51.85	≤-22.39	PASS
			1000~25000	-2.39	-44.9	≤-22.39	PASS
		2440	Reference	-1.97	-1.97	---	PASS
			30~1000	-1.97	-51.75	≤-21.97	PASS
			1000~25000	-1.97	-45.2	≤-21.97	PASS
		2480	Reference	-1.64	-4.18	---	PASS
			30~1000	-1.64	-50.8	≤-21.64	PASS
			1000~25000	-1.64	-44.25	≤-21.64	PASS

Test Graphs

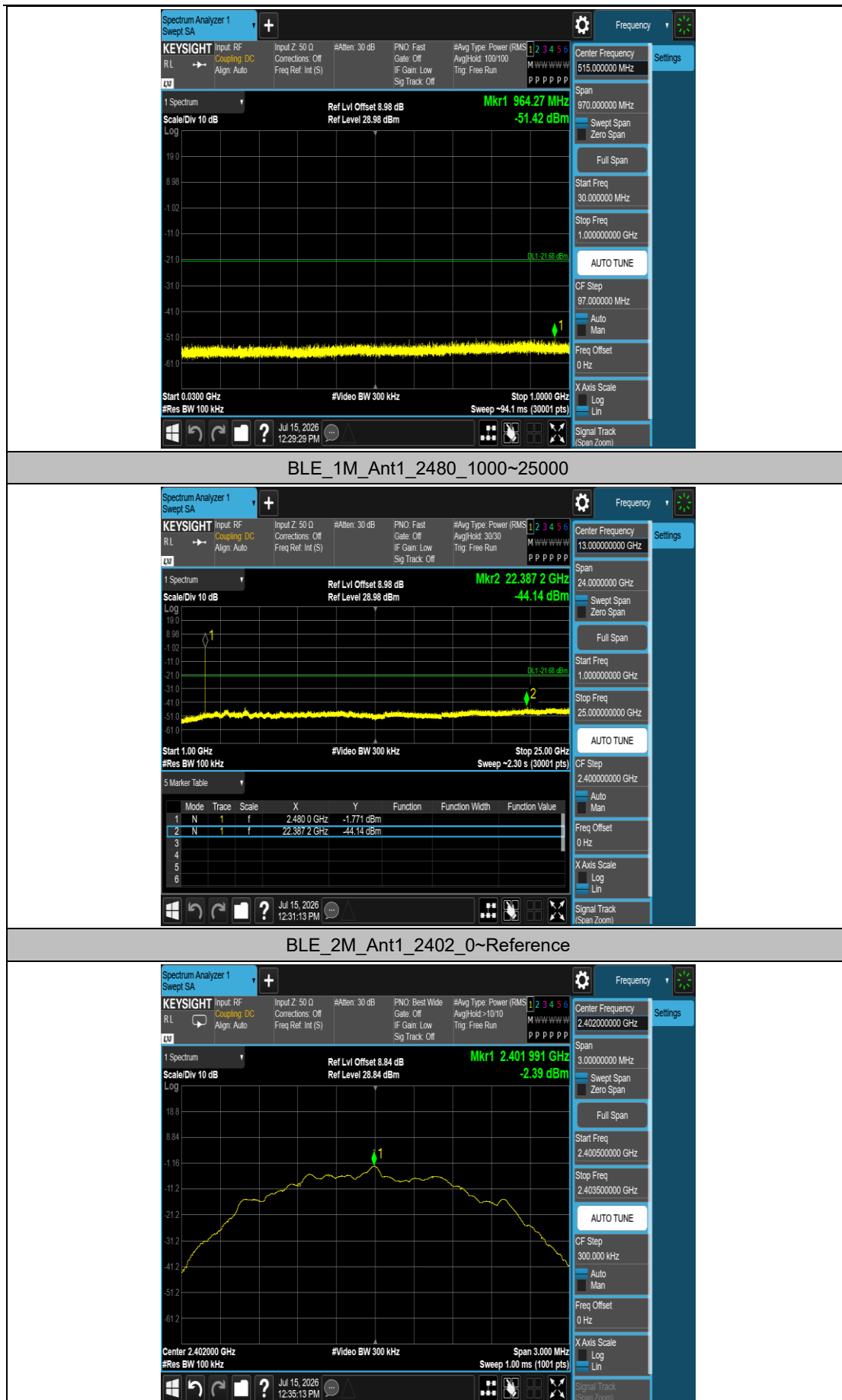


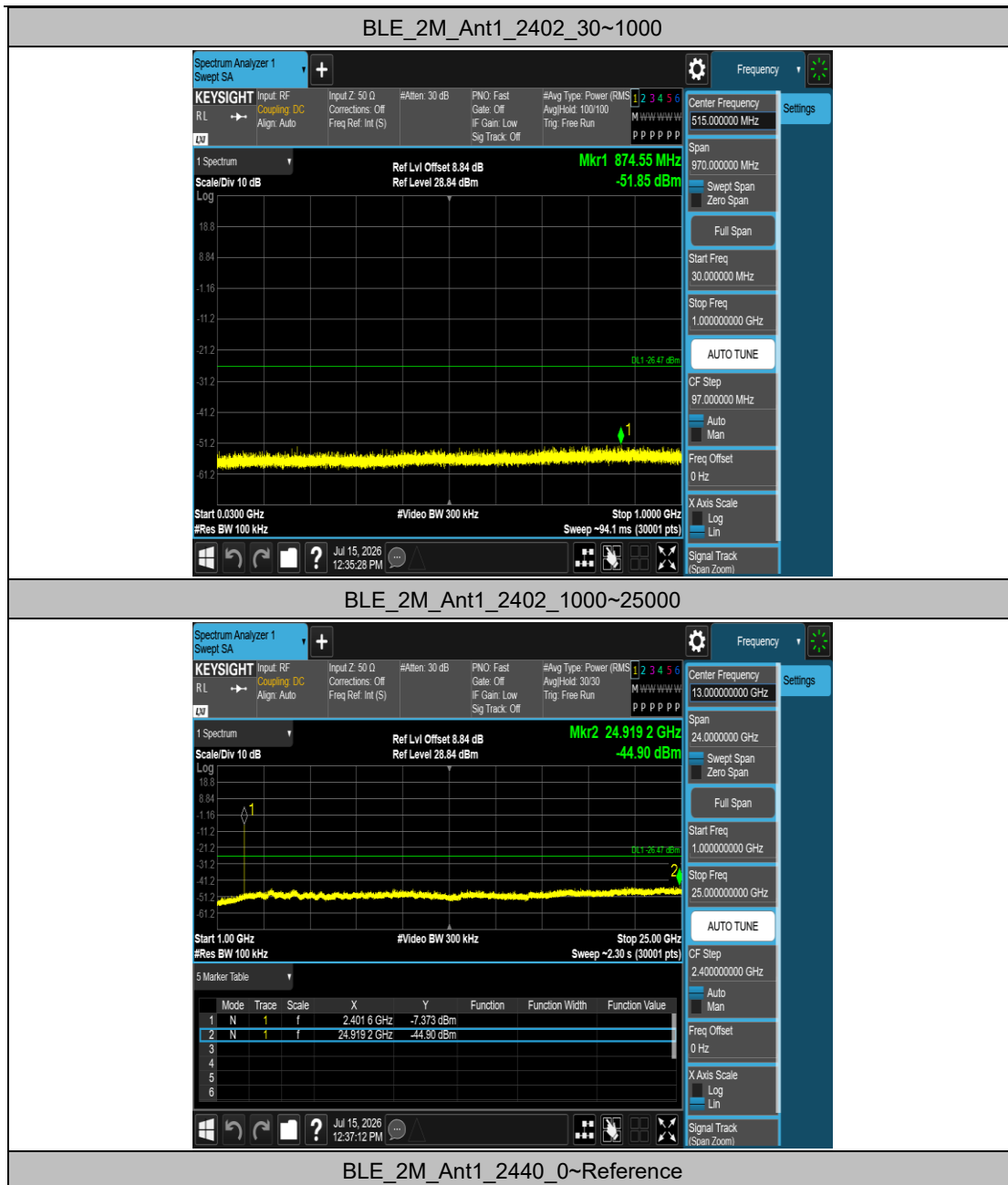


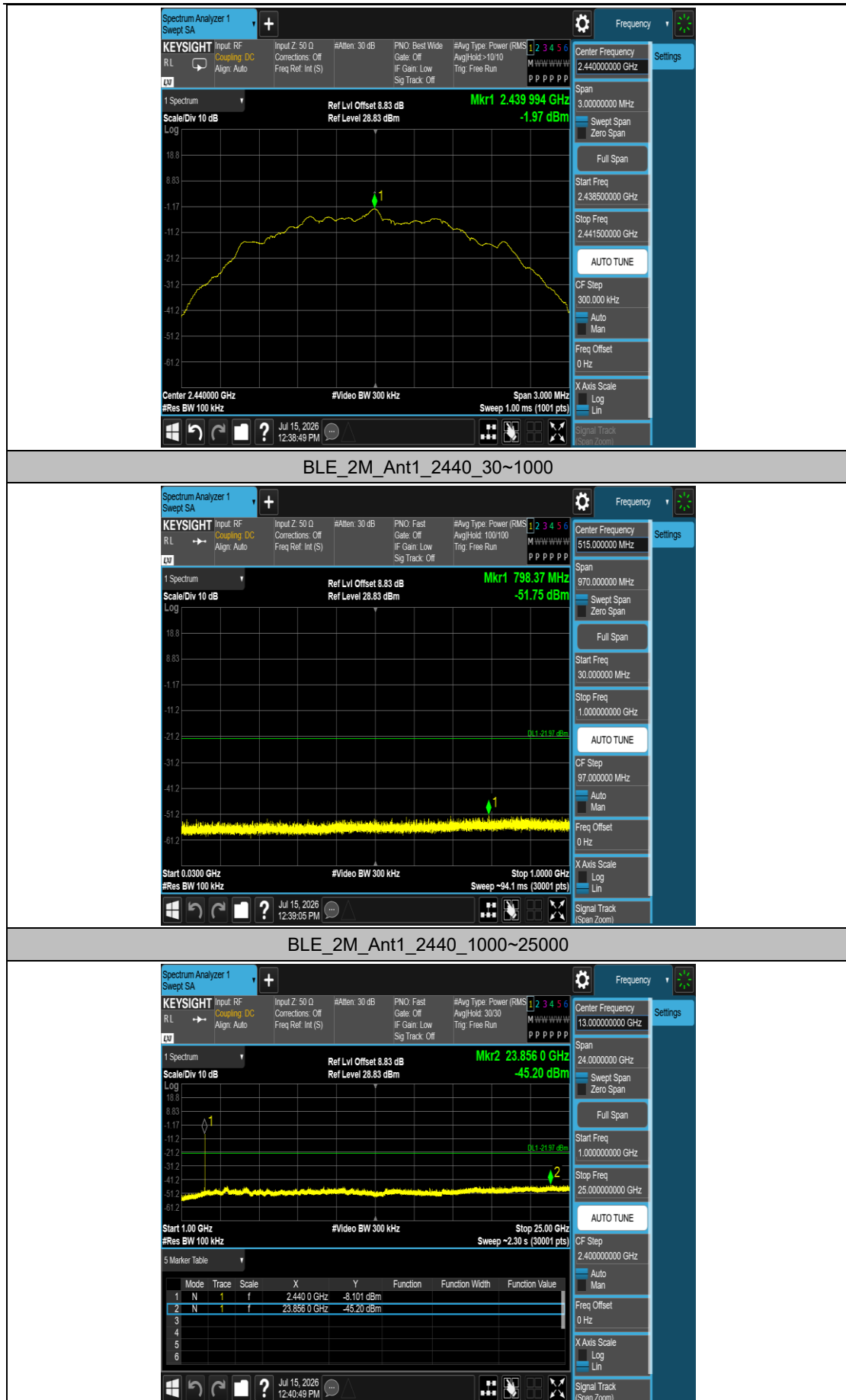
BLE_1M_Ant1_2440_1000~25000

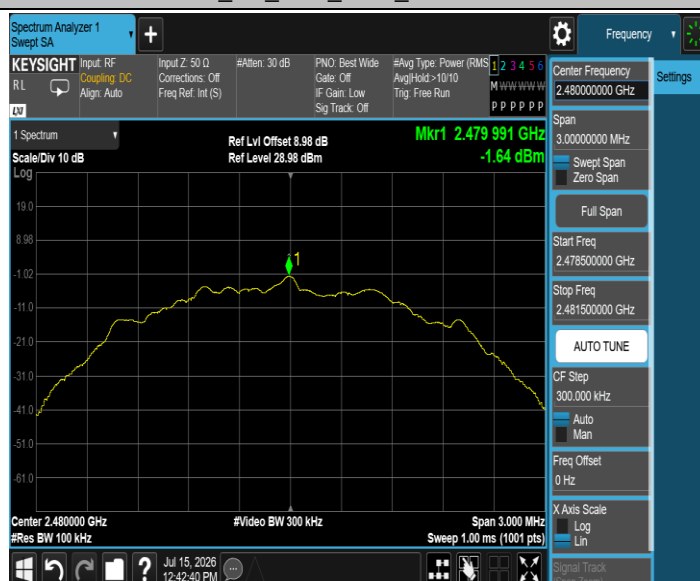
BLE_1M_Ant1_2480_0~Reference

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	0.42	2.78	0.1511	15.11
		2440	0.42	2.78	0.1511	15.11
		2480	0.42	2.78	0.1511	15.11
BLE_2M	Ant1	2402	0.21	2.57	0.0817	8.17
		2440	0.21	2.57	0.0817	8.17
		2480	0.21	2.57	0.0817	8.17