

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.700	2401.608	2402.308	0.5	PASS
		2440	0.712	2439.612	2440.324	0.5	PASS
		2480	0.720	2479.604	2480.324	0.5	PASS
BLE_2M	Ant1	2402	1.172	2401.376	2402.548	0.5	PASS
		2440	1.196	2439.380	2440.576	0.5	PASS
		2480	1.232	2479.340	2480.572	0.5	PASS

Test Graphs







Appendix B: Occupied Channel Bandwidth

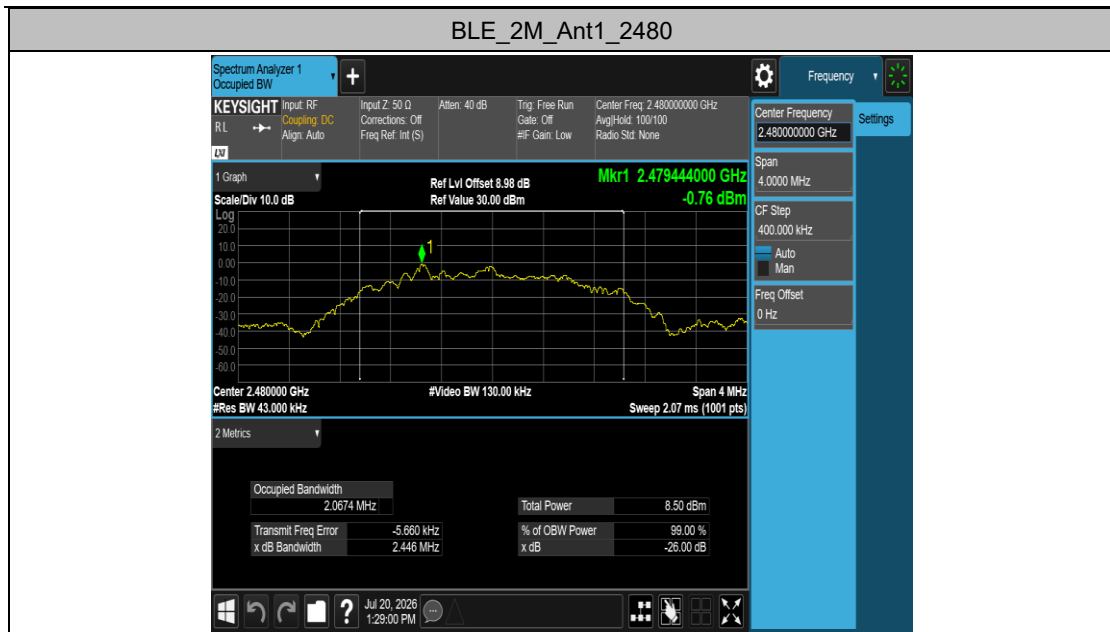
Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0502	2401.4552	2402.5054	---	---
		2440	1.0467	2439.4555	2440.5022	---	---
		2480	1.0513	2479.4561	2480.5074	---	---
BLE_2M	Ant1	2402	2.0581	2400.9605	2403.0186	---	---
		2440	2.0739	2438.9592	2441.0331	---	---
		2480	2.0674	2478.9606	2481.0280	---	---

Test Graphs





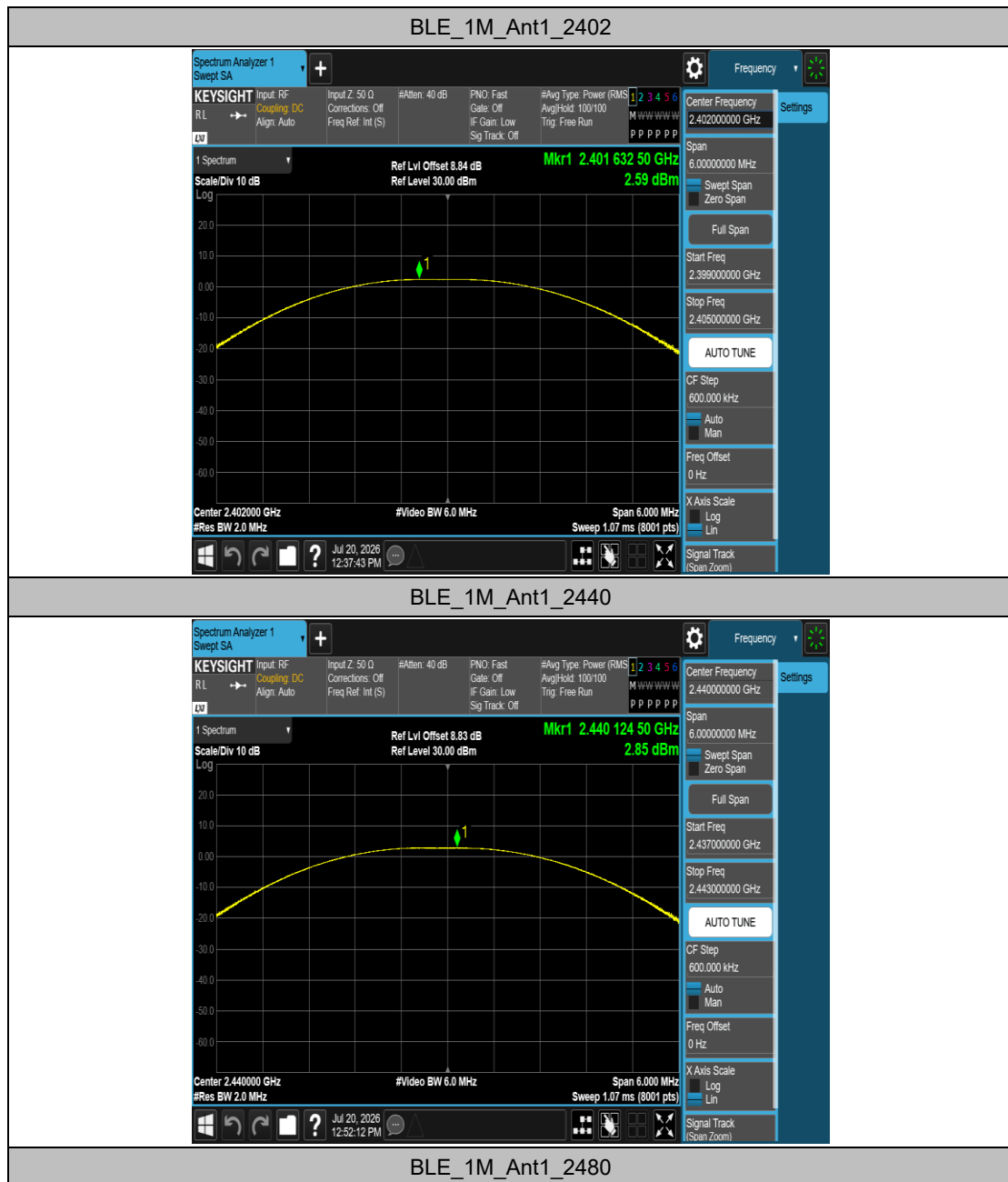


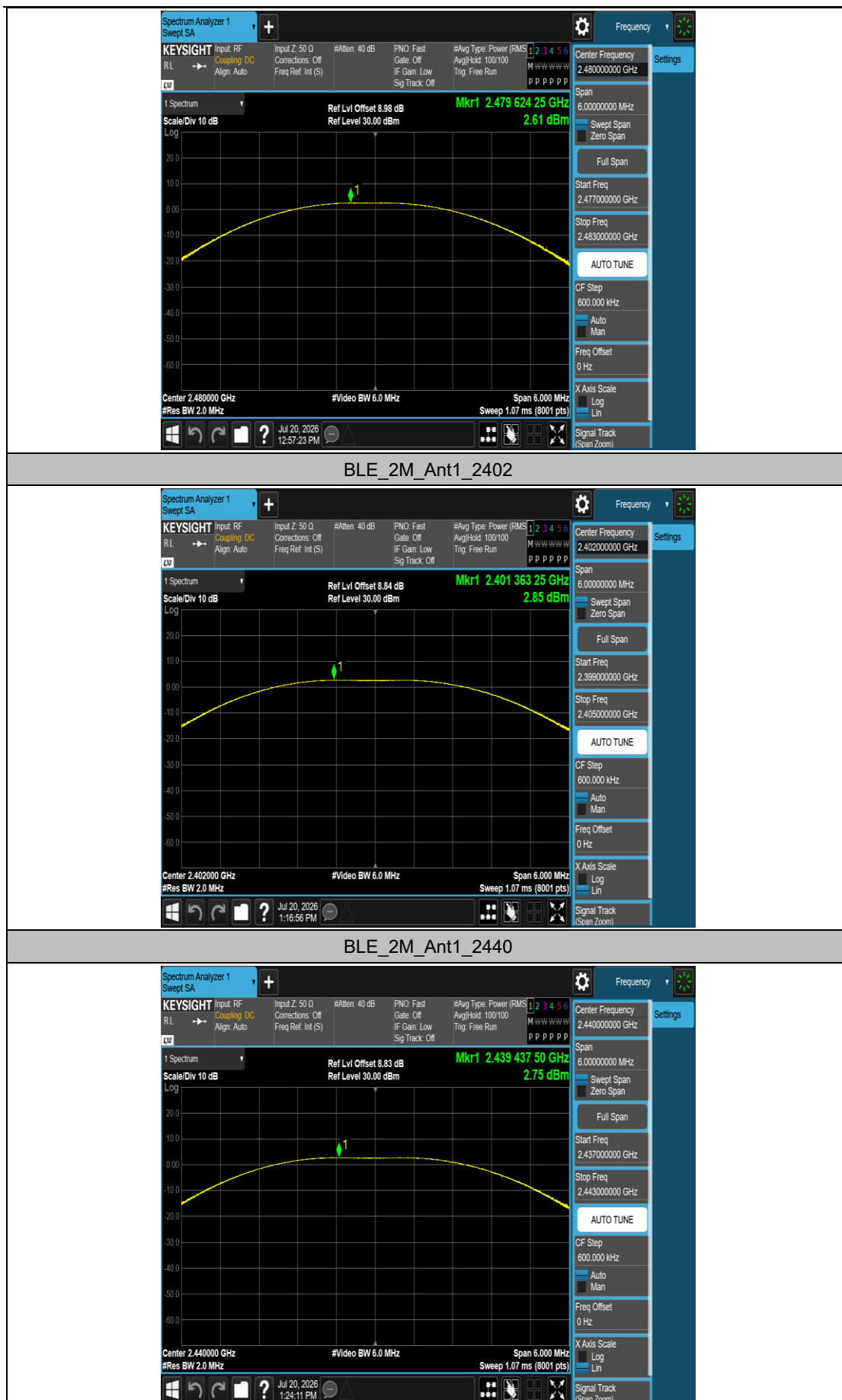
Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	2.59	≤30	PASS
		2440	1.98	≤30	PASS
		2480	2.30	≤30	PASS
BLE_2M	Ant1	2402	2.85	≤30	PASS
		2440	1.99	≤30	PASS
		2480	2.26	≤30	PASS

Test Graphs





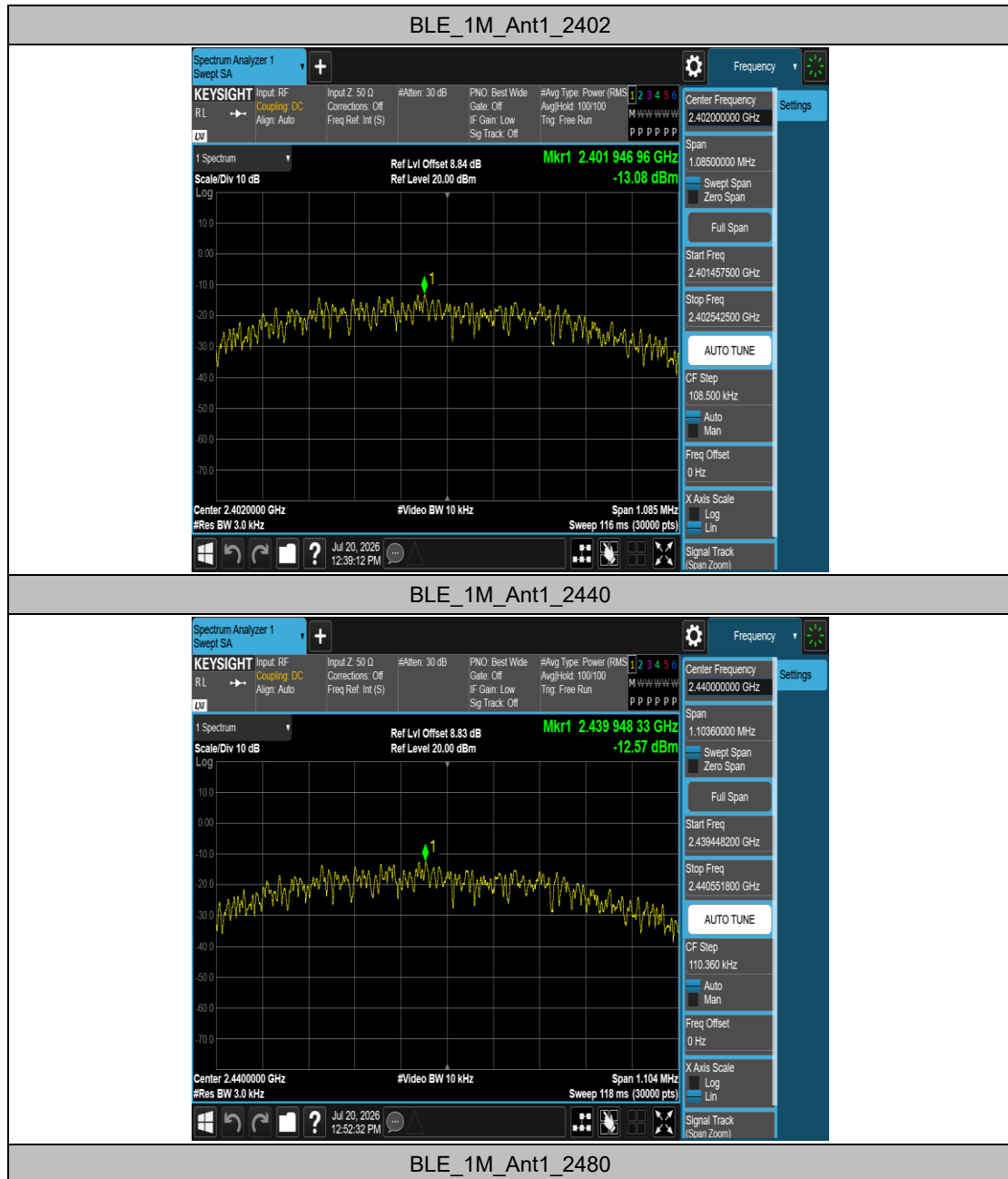


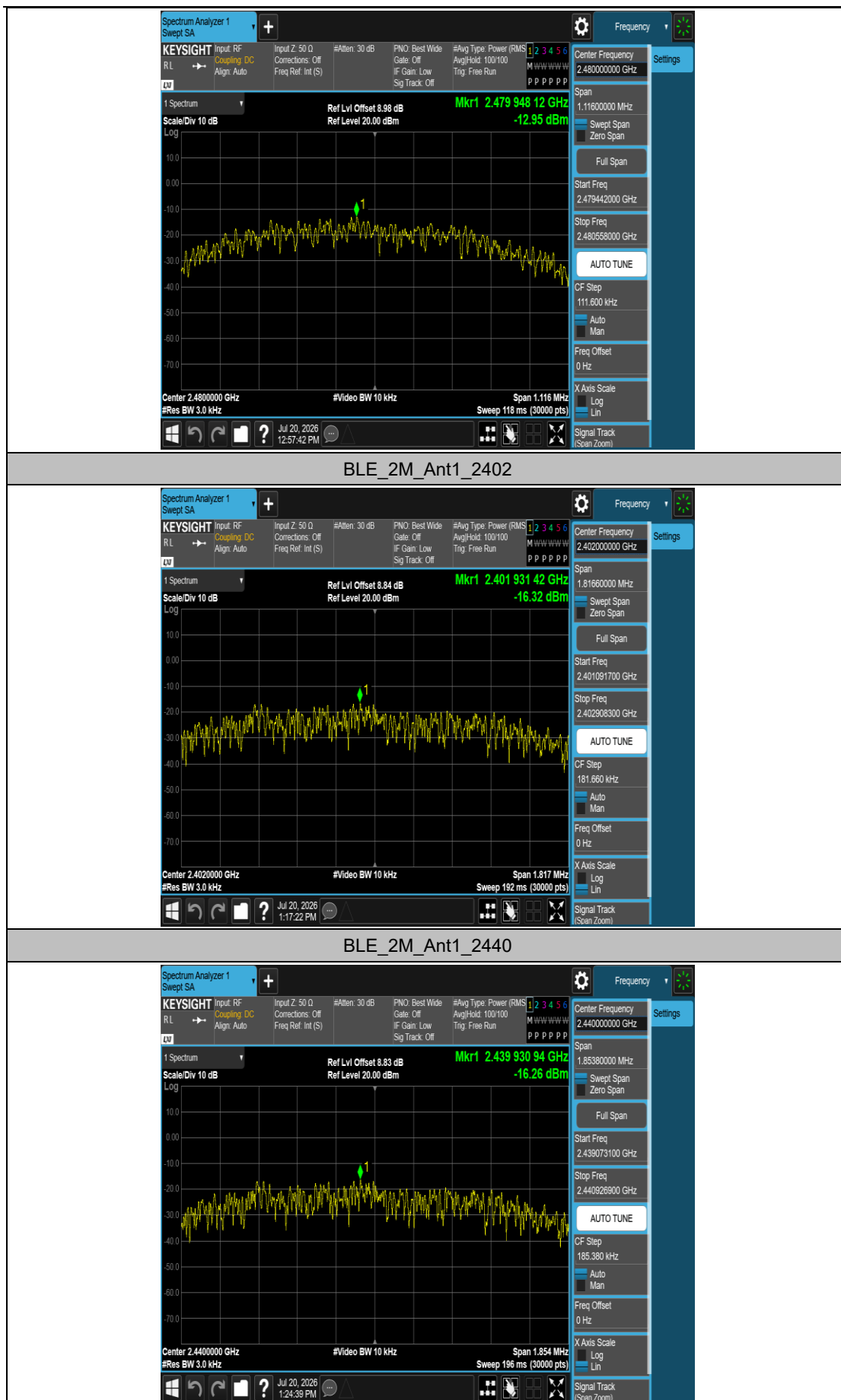
Appendix D: Maximum power spectral density

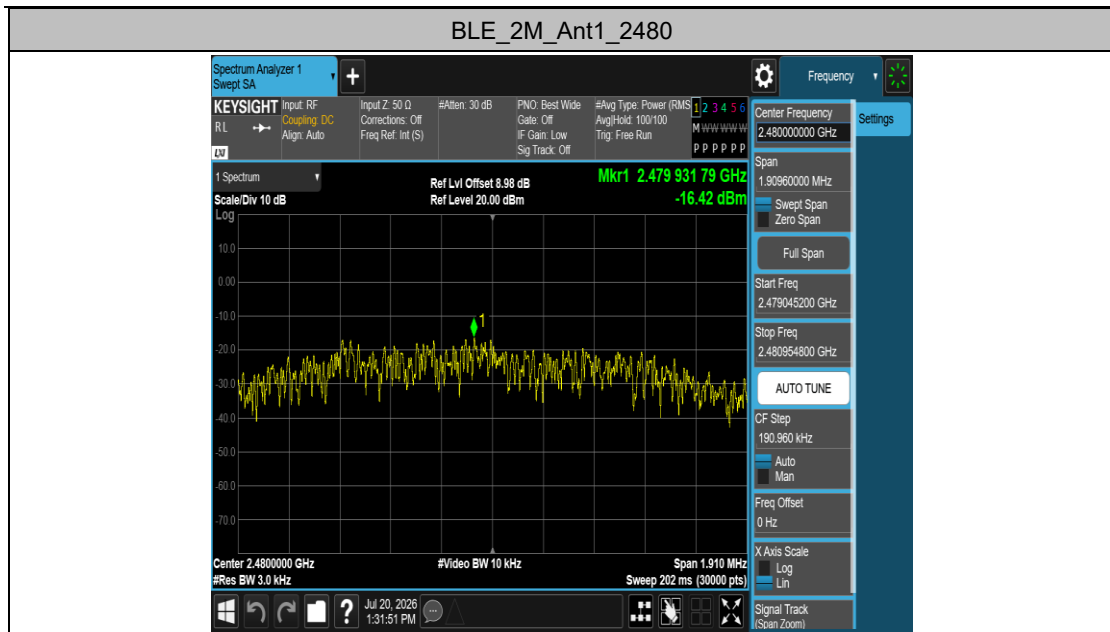
Test Result

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-13.08	≤8.00	PASS
		2440	-12.57	≤8.00	PASS
		2480	-12.95	≤8.00	PASS
BLE_2M	Ant1	2402	-16.32	≤8.00	PASS
		2440	-16.26	≤8.00	PASS
		2480	-16.43	≤8.00	PASS

Test Graphs





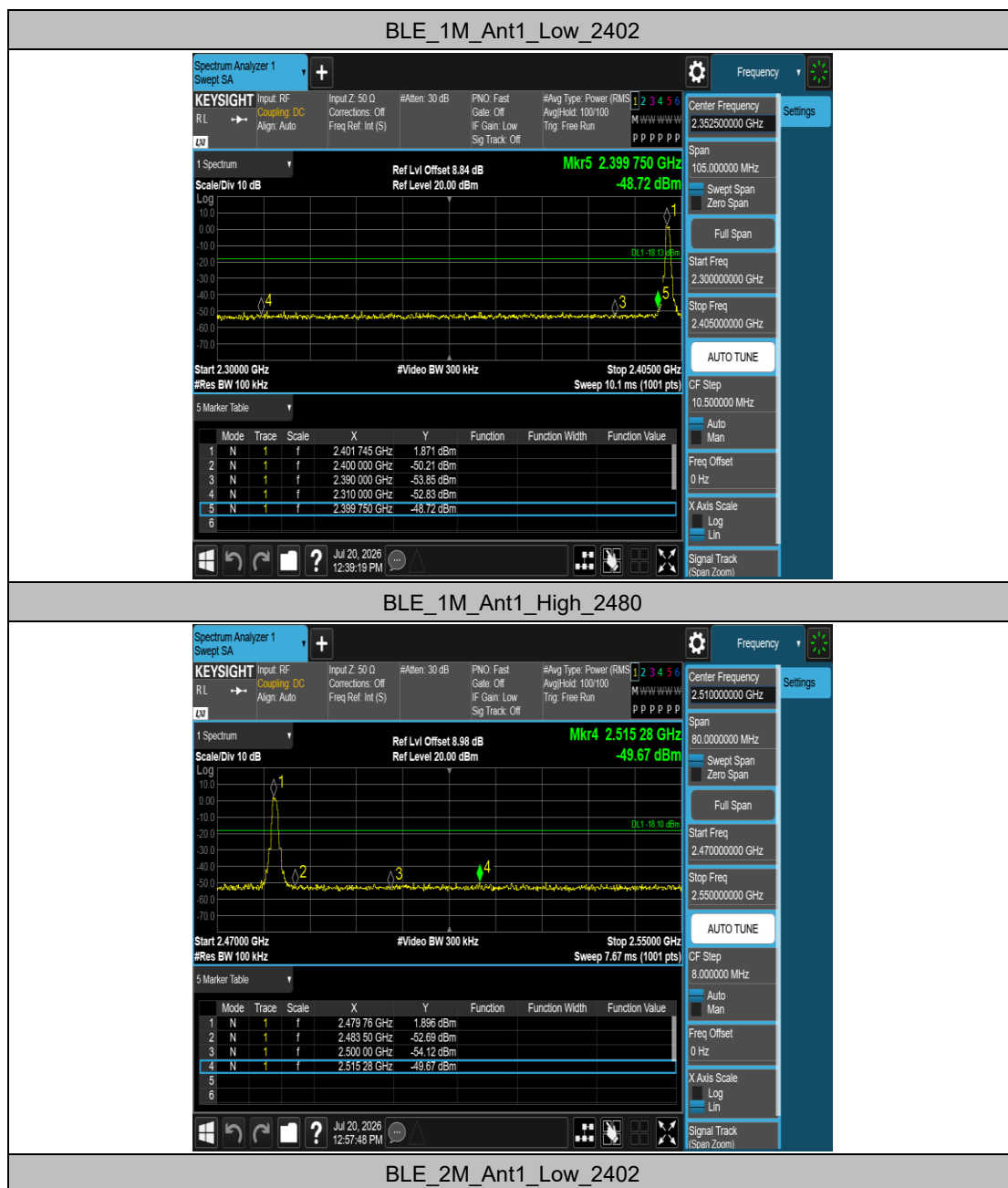


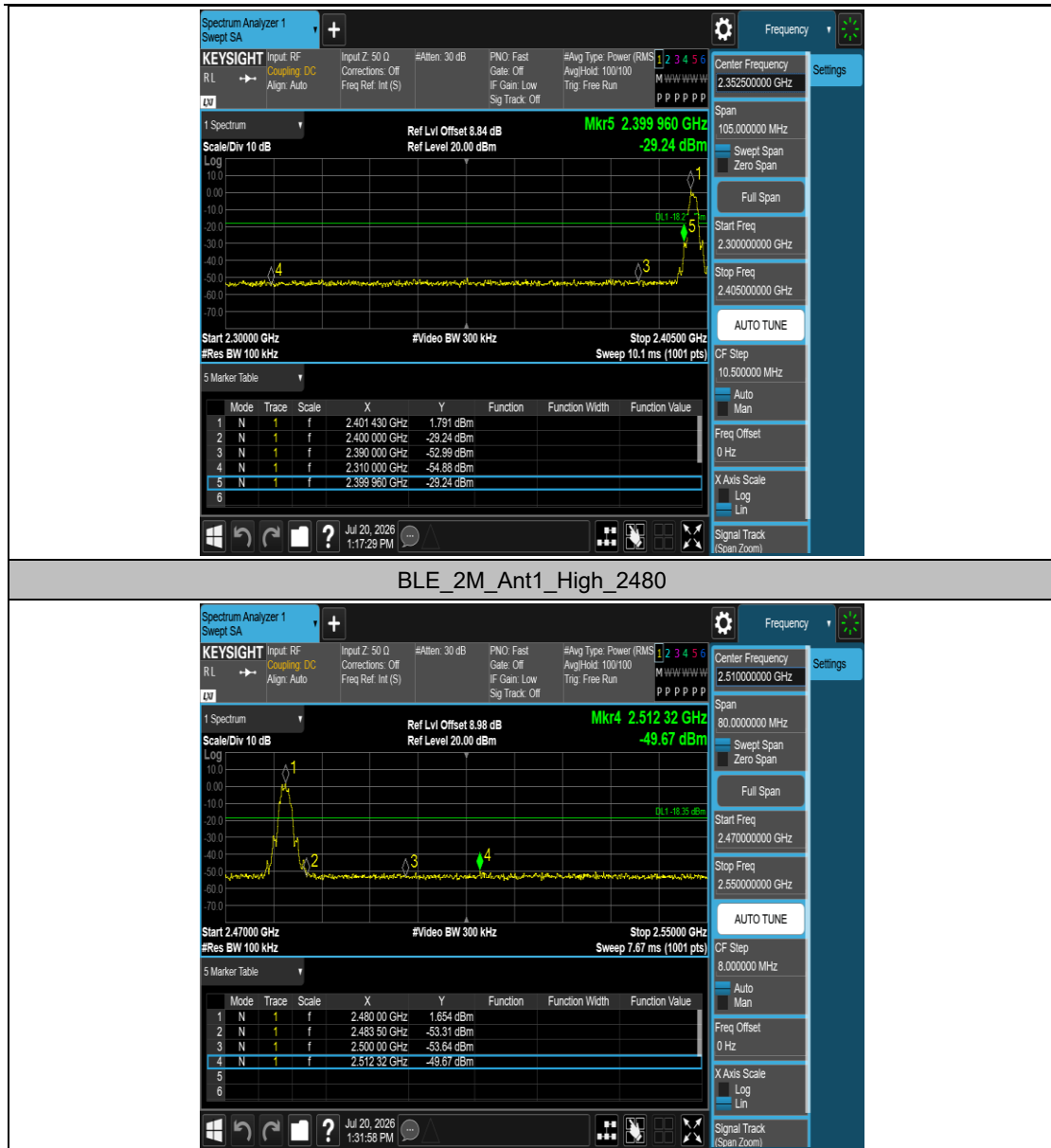
Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	1.87	-48.72	≤-18.13	PASS
		High	2480	1.90	-49.67	≤-18.1	PASS
BLE_2M	Ant1	Low	2402	1.79	-29.24	≤-18.21	PASS
		High	2480	1.65	-49.67	≤-18.35	PASS

Test Graphs



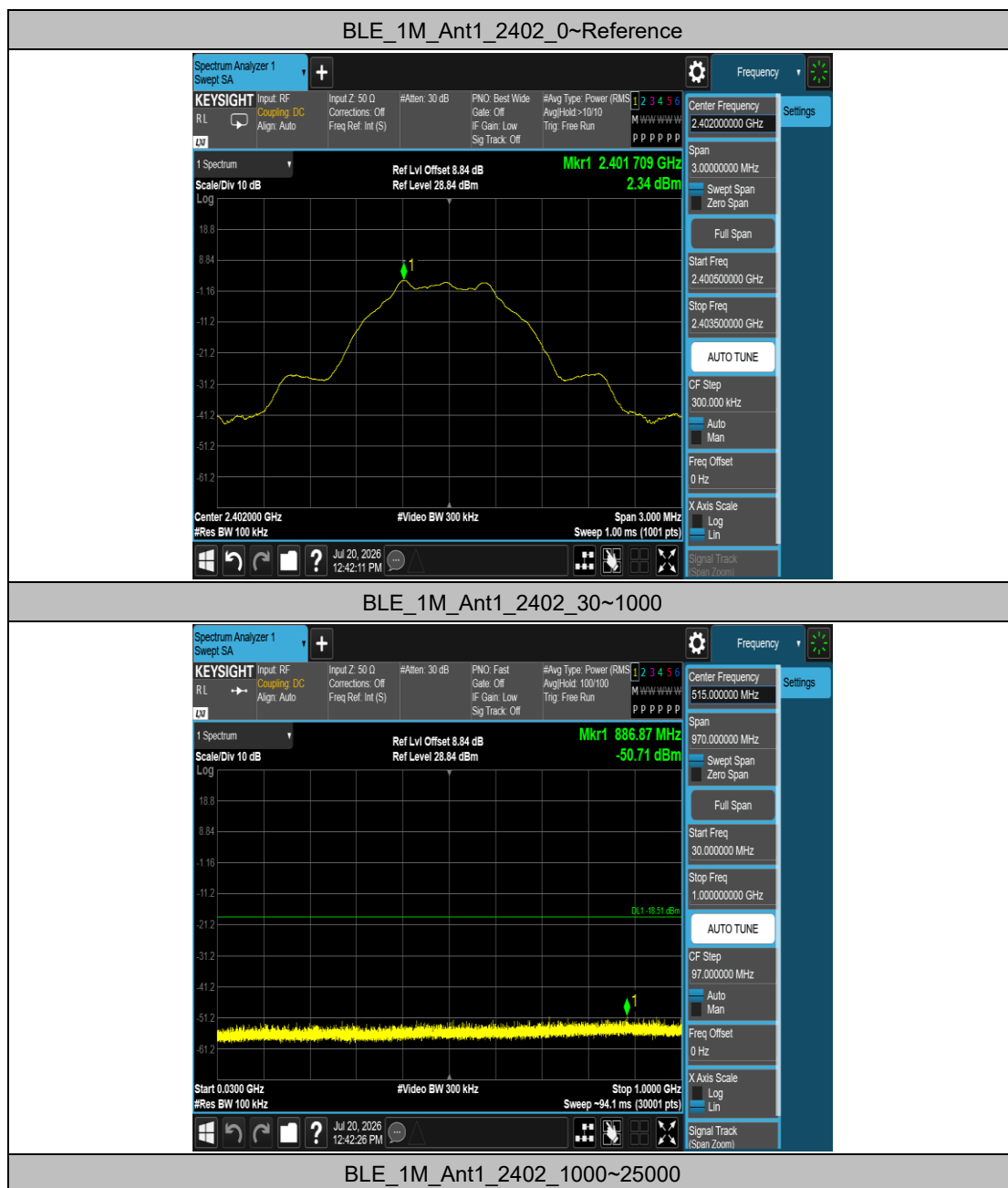


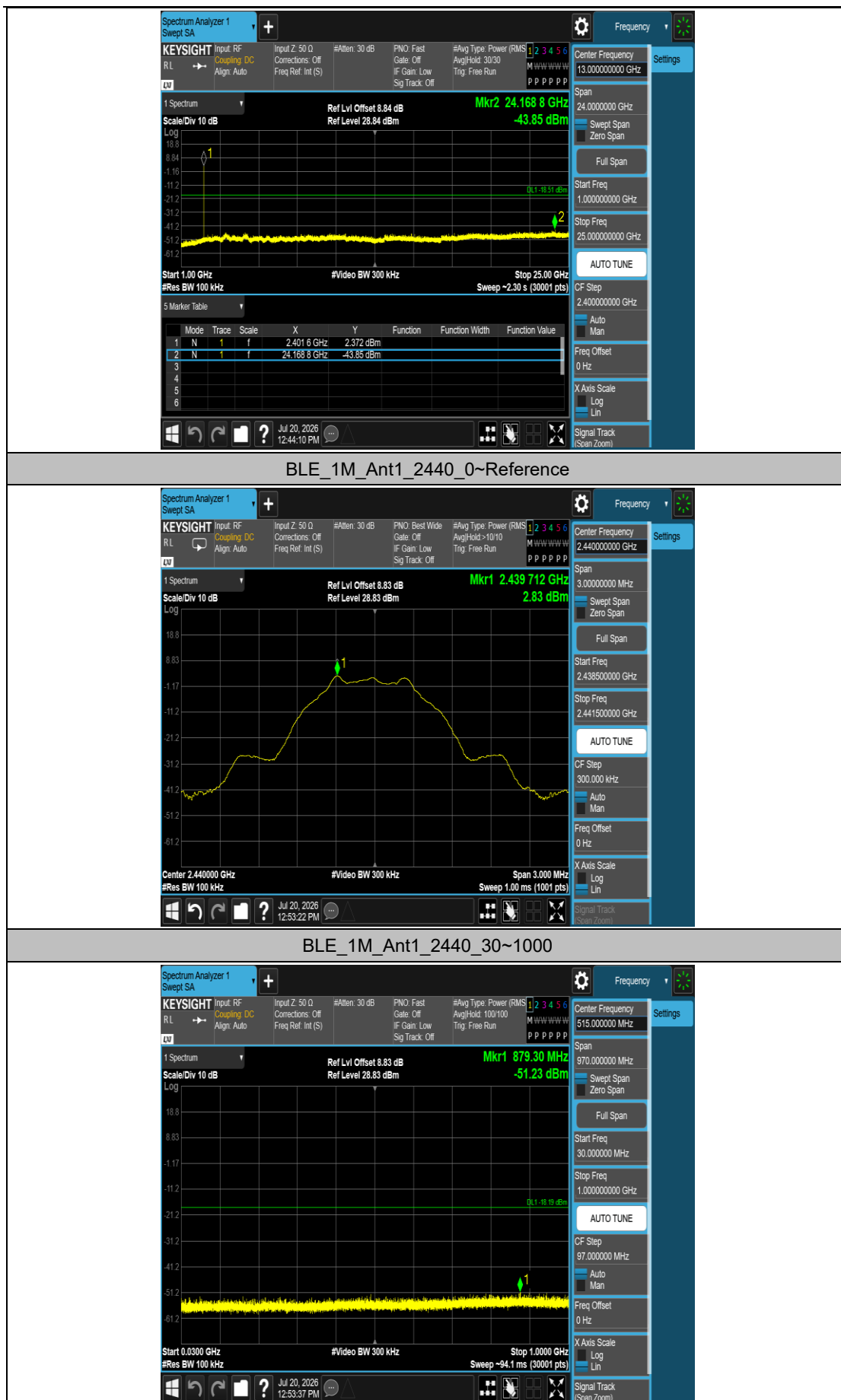
Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	1.49	1.49	---	PASS
			30~1000	1.49	-50.71	≤-18.51	PASS
			1000~25000	1.49	-43.85	≤-18.51	PASS
		2440	Reference	1.81	1.81	---	PASS
			30~1000	1.81	-51.23	≤-18.19	PASS
			1000~25000	1.81	-44.68	≤-18.19	PASS
		2480	Reference	0.78	0.78	---	PASS
			30~1000	0.78	-51.06	≤-19.22	PASS
			1000~25000	0.78	-44.87	≤-19.22	PASS
BLE_2M	Ant1	2402	Reference	1.55	1.55	---	PASS
			30~1000	1.55	-51.03	≤-18.45	PASS
			1000~25000	1.55	-44.34	≤-18.45	PASS
		2440	Reference	-1.54	-1.54	---	PASS
			30~1000	-1.54	-51.15	≤-21.54	PASS
			1000~25000	-1.54	-44.98	≤-21.54	PASS
		2480	Reference	1.59	1.59	---	PASS
			30~1000	1.59	-50.5	≤-18.41	PASS
			1000~25000	1.59	-43.38	≤-18.41	PASS

Test Graphs

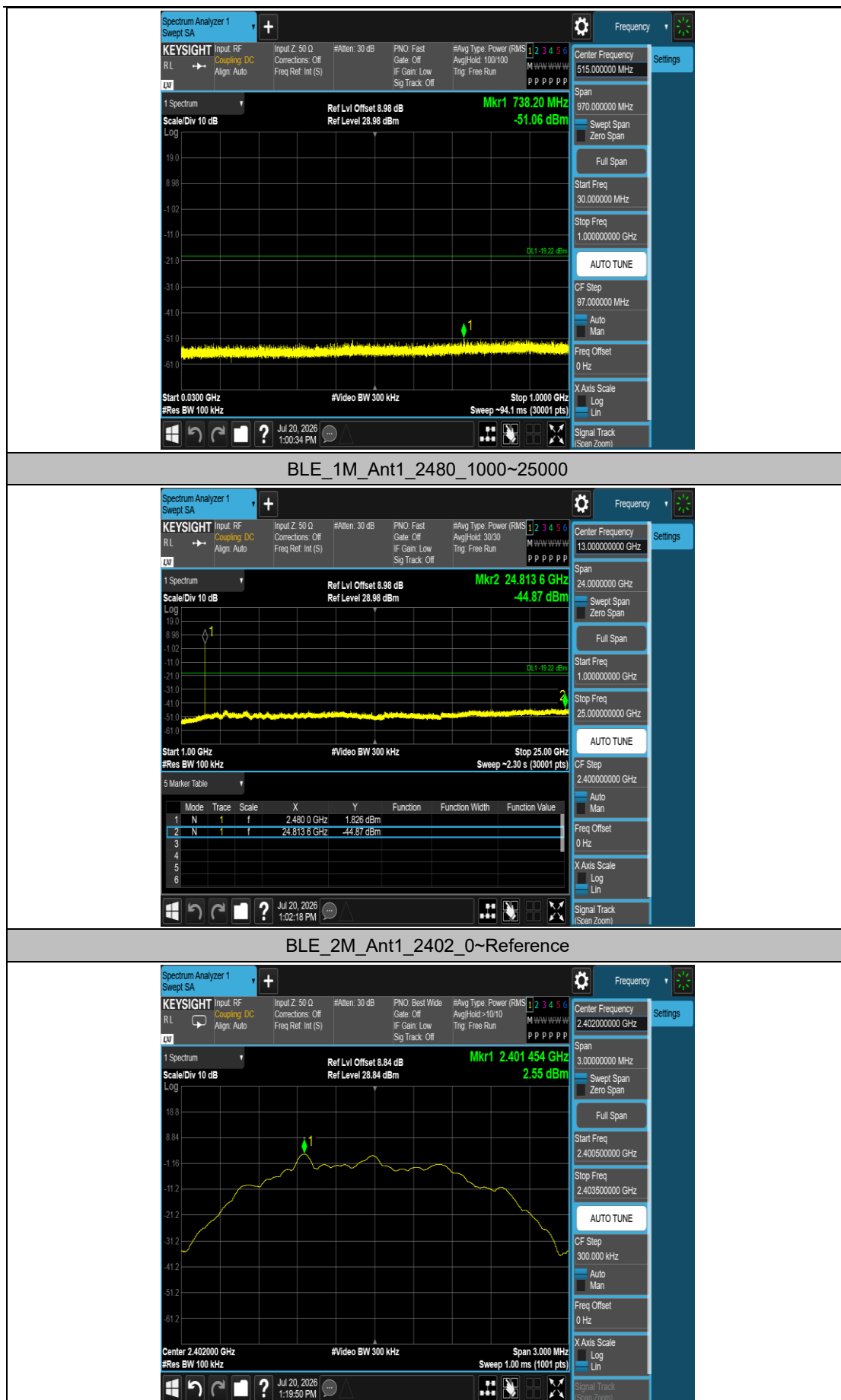


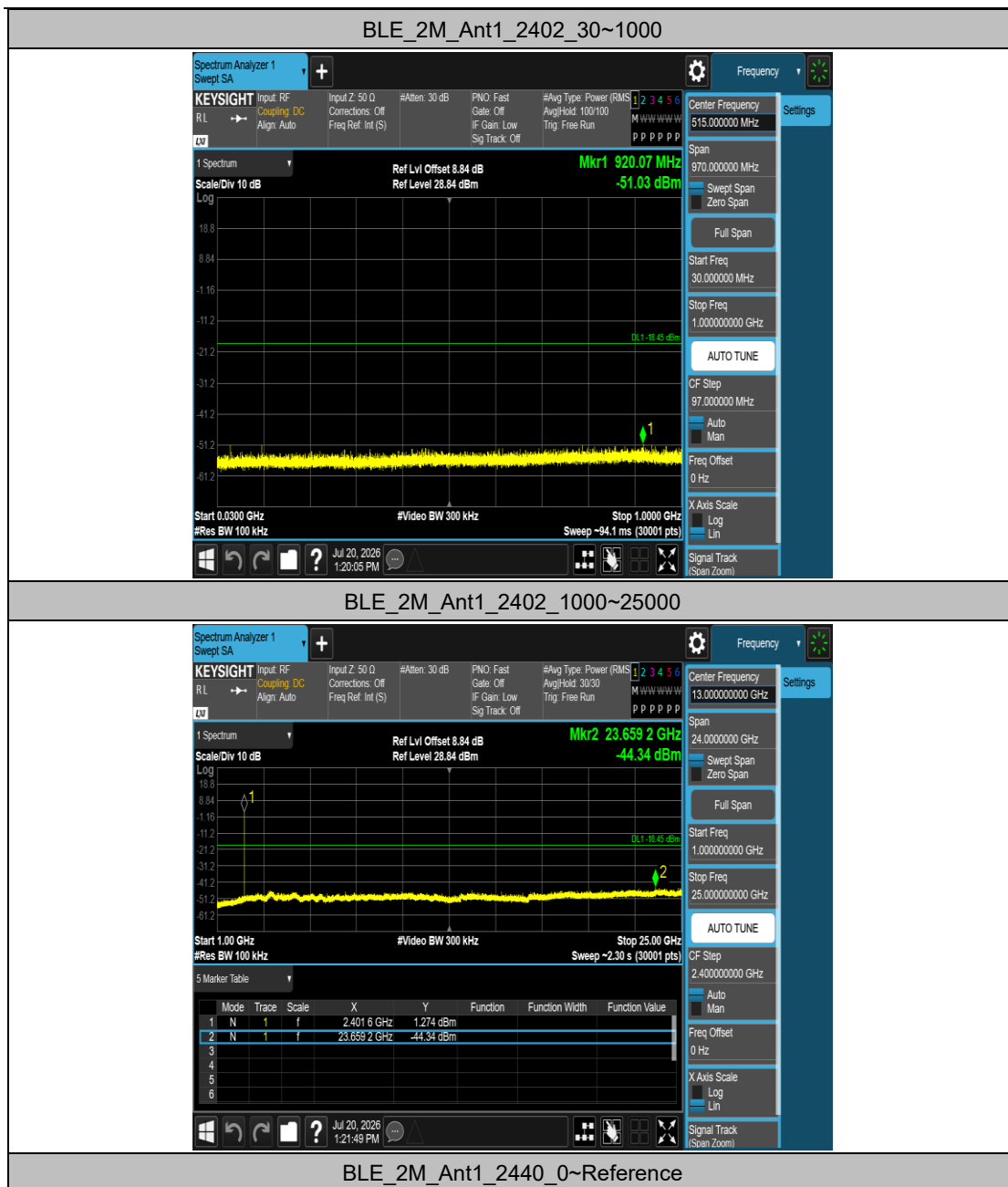


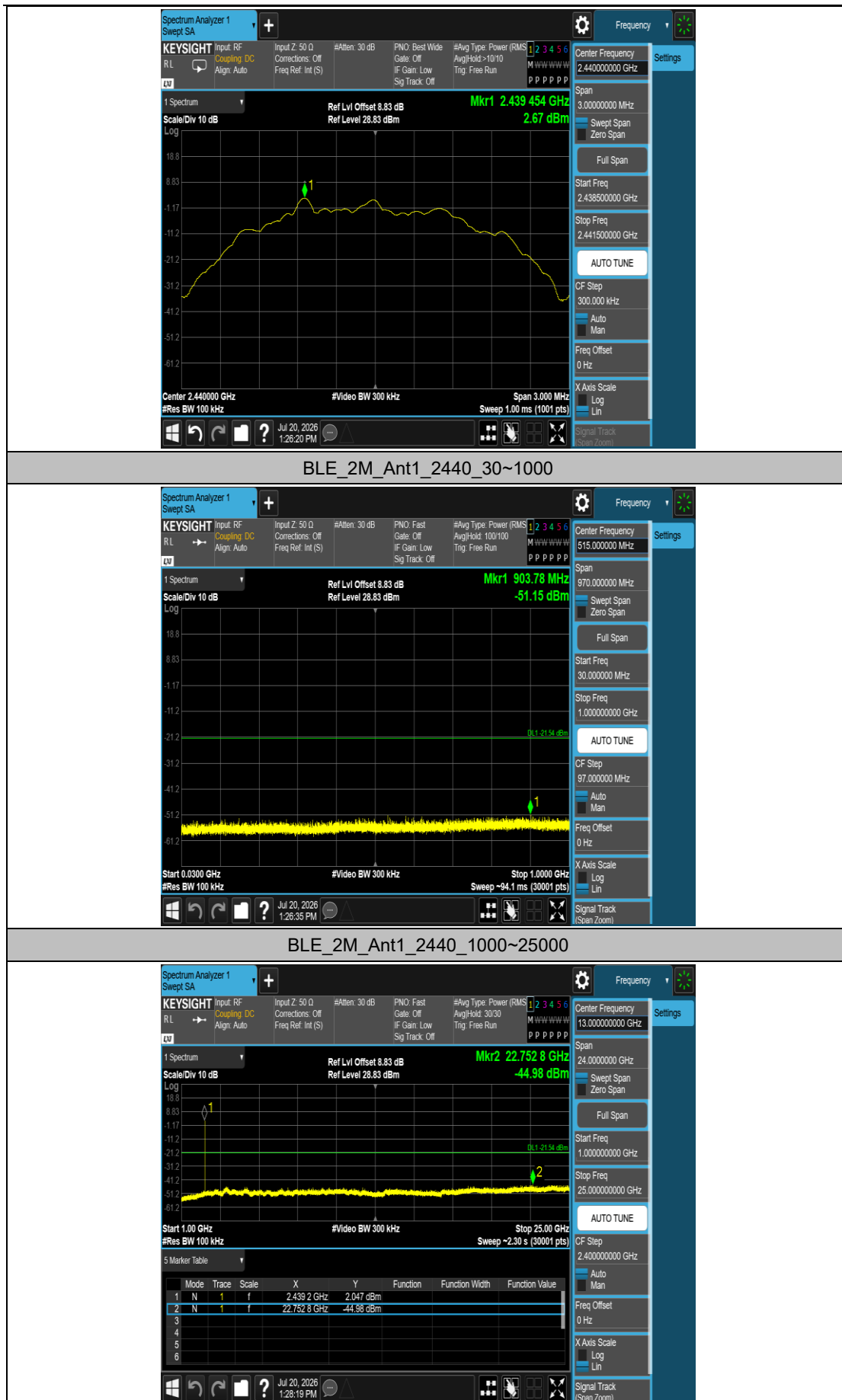
BLE_1M_Ant1_2440_1000~25000

BLE_1M_Ant1_2480_0~Reference

BLE_1M_Ant1_2480_30~1000



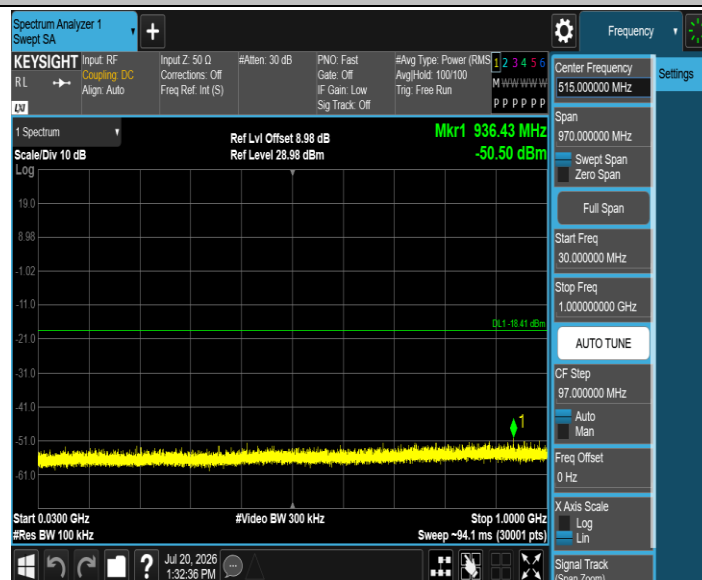




BLE_2M_Ant1_2480_0~Reference



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	0.40	0.63	0.6349	63.49
		2440	0.40	0.63	0.6349	63.49
		2480	0.40	0.63	0.6349	63.49
BLE_2M	Ant1	2402	0.21	0.63	0.3333	33.33
		2440	0.21	0.63	0.3333	33.33
		2480	0.21	0.63	0.3333	33.33

Test Graphs



