

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.712	2401.660	2402.372	0.5	PASS
		2440	0.704	2439.656	2440.360	0.5	PASS
		2480	0.712	2479.656	2480.368	0.5	PASS
BLE_2M	Ant1	2402	1.088	2401.456	2402.544	0.5	PASS
		2440	1.328	2439.344	2440.672	0.5	PASS
		2480	1.216	2479.388	2480.604	0.5	PASS

Test Graphs





BLE_2M_Ant1_2402



BLE_2M_Ant1_2440





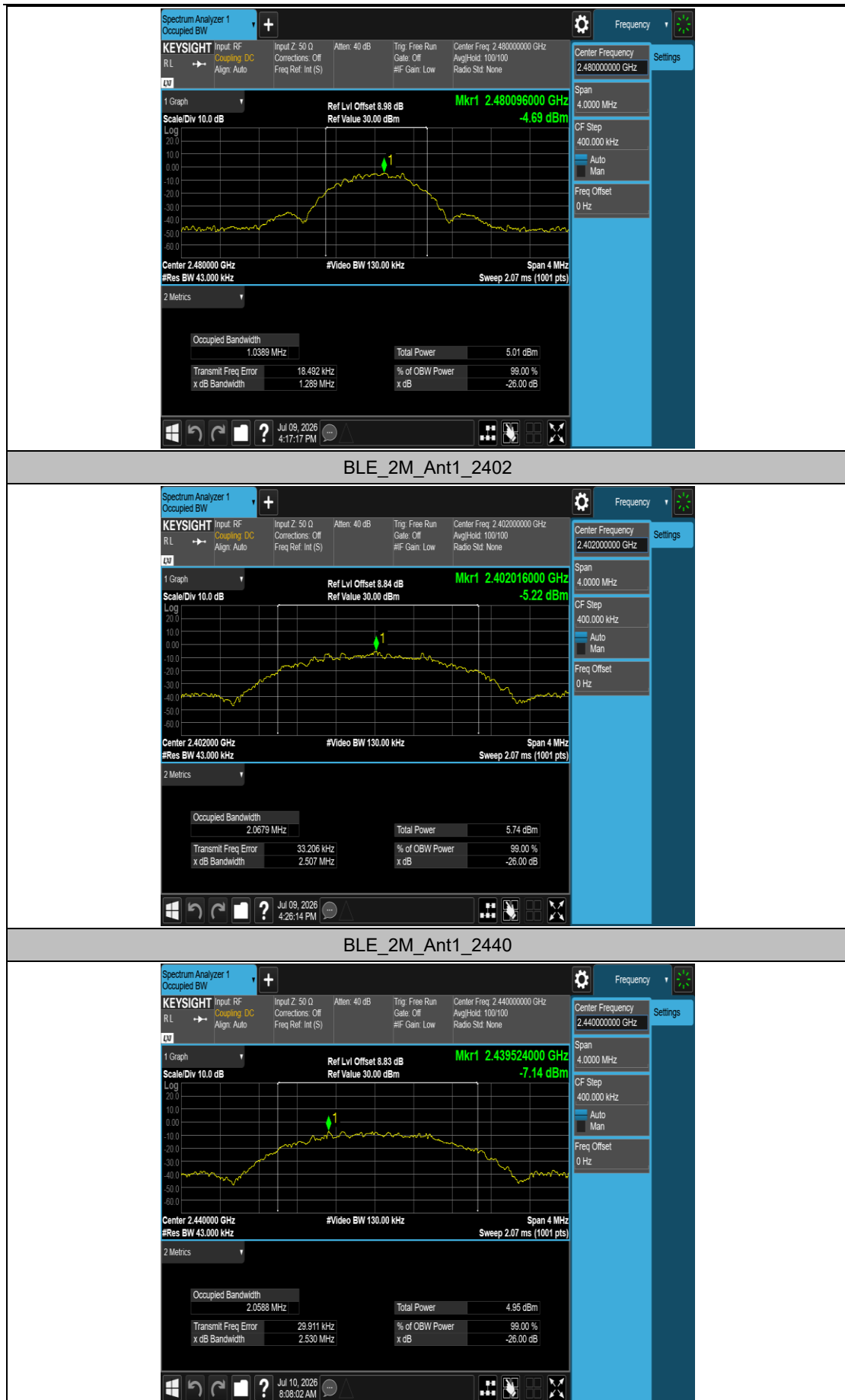
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0384	2401.5030	2402.5414	---	---
		2440	1.0330	2439.5034	2440.5364	---	---
		2480	1.0389	2479.4990	2480.5379	---	---
BLE_2M	Ant1	2402	2.0679	2400.9993	2403.0672	---	---
		2440	2.0588	2439.0005	2441.0593	---	---
		2480	2.0878	2478.9872	2481.0750	---	---

Test Graphs





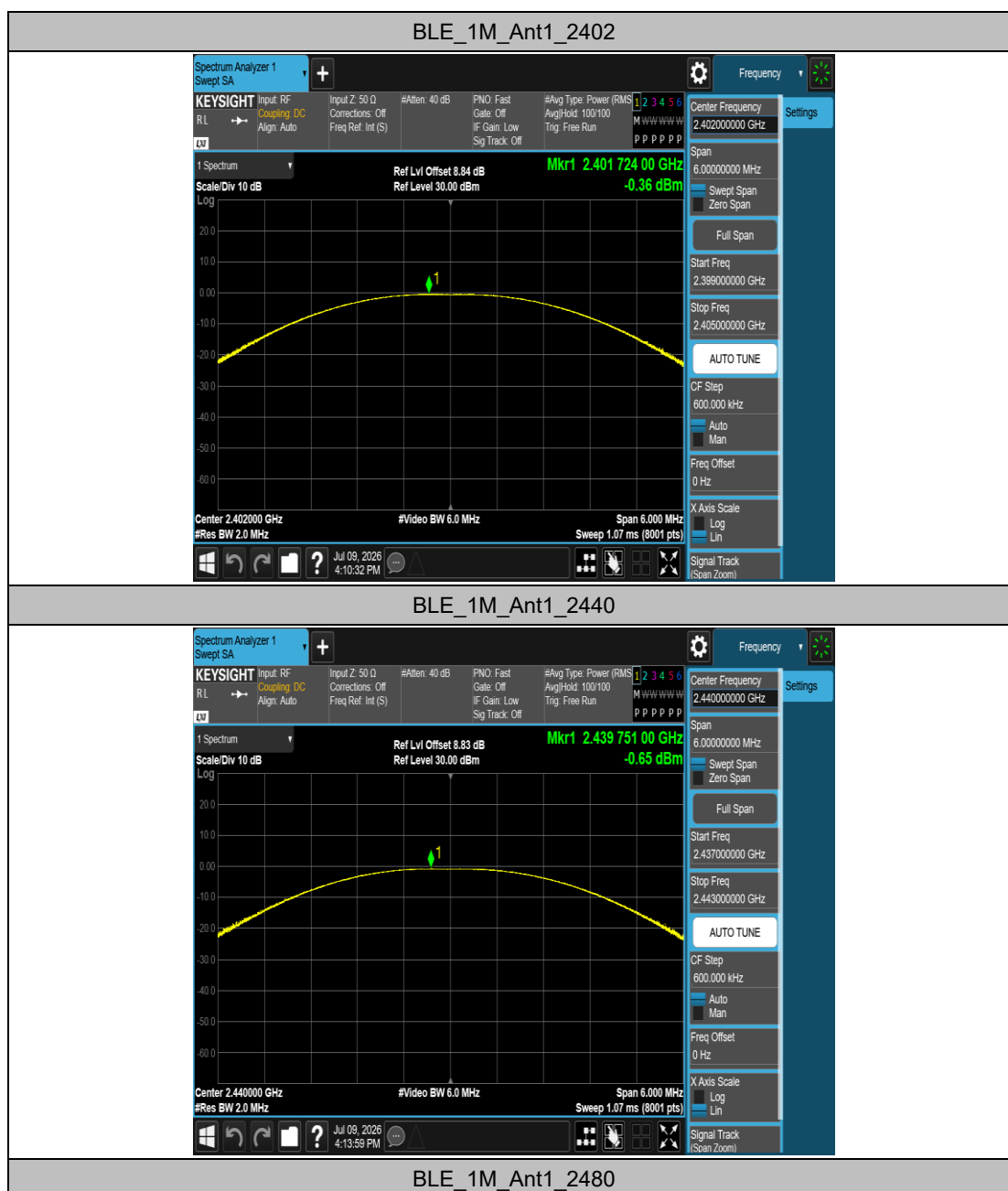


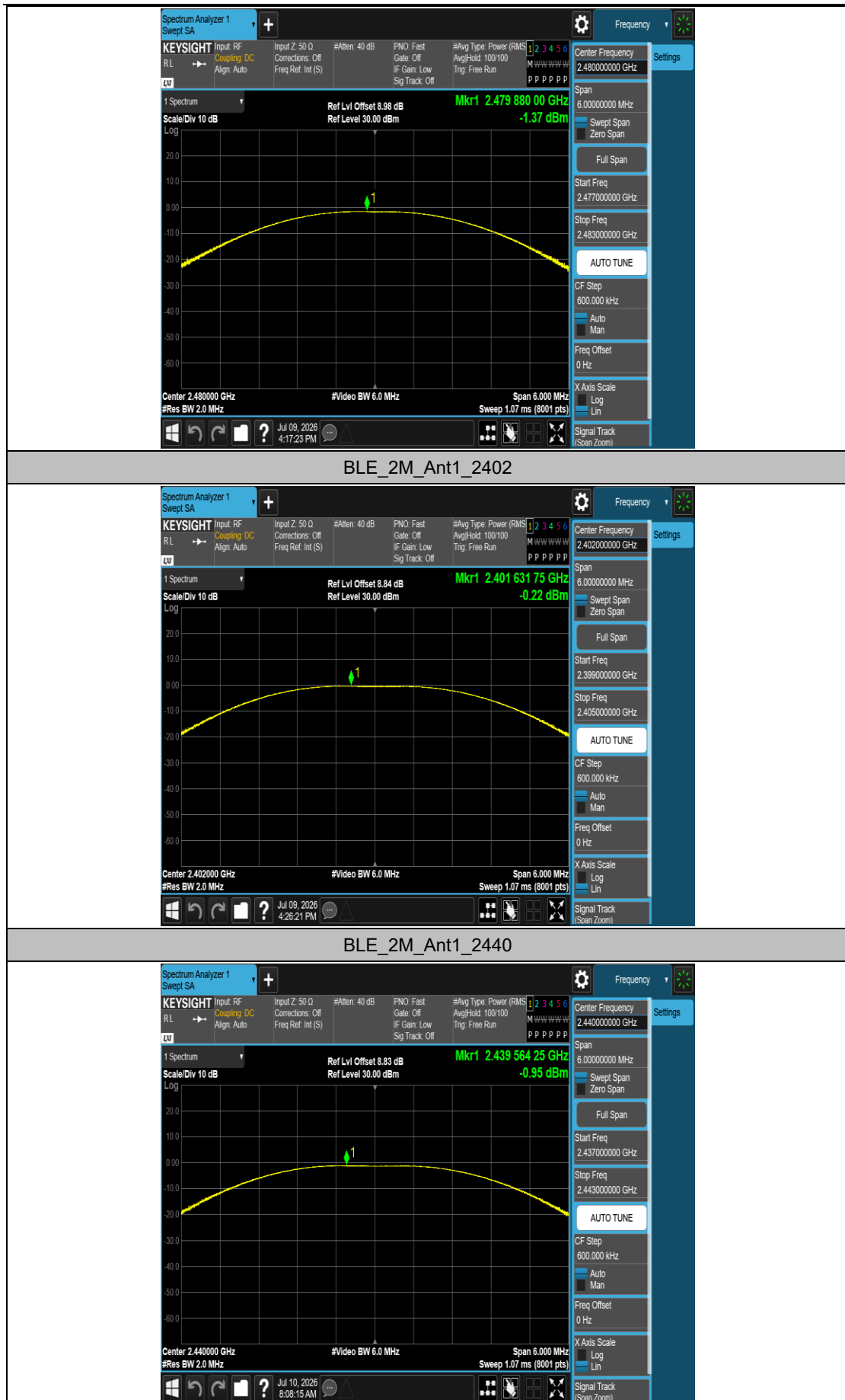
Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-0.36	≤30	PASS
		2440	-0.65	≤30	PASS
		2480	-1.37	≤30	PASS
BLE_2M	Ant1	2402	-0.22	≤30	PASS
		2440	-0.95	≤30	PASS
		2480	-1.62	≤30	PASS

Test Graphs





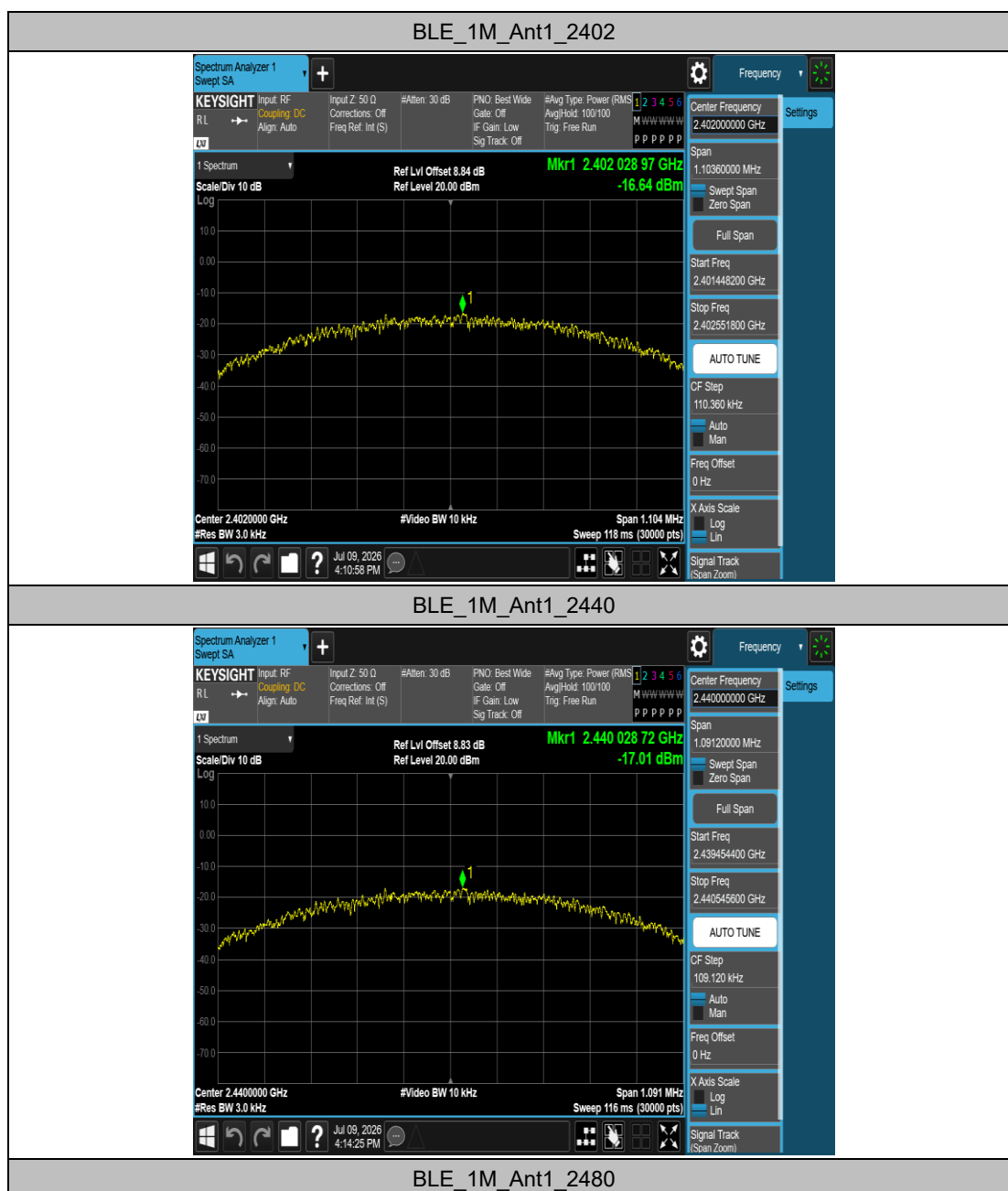


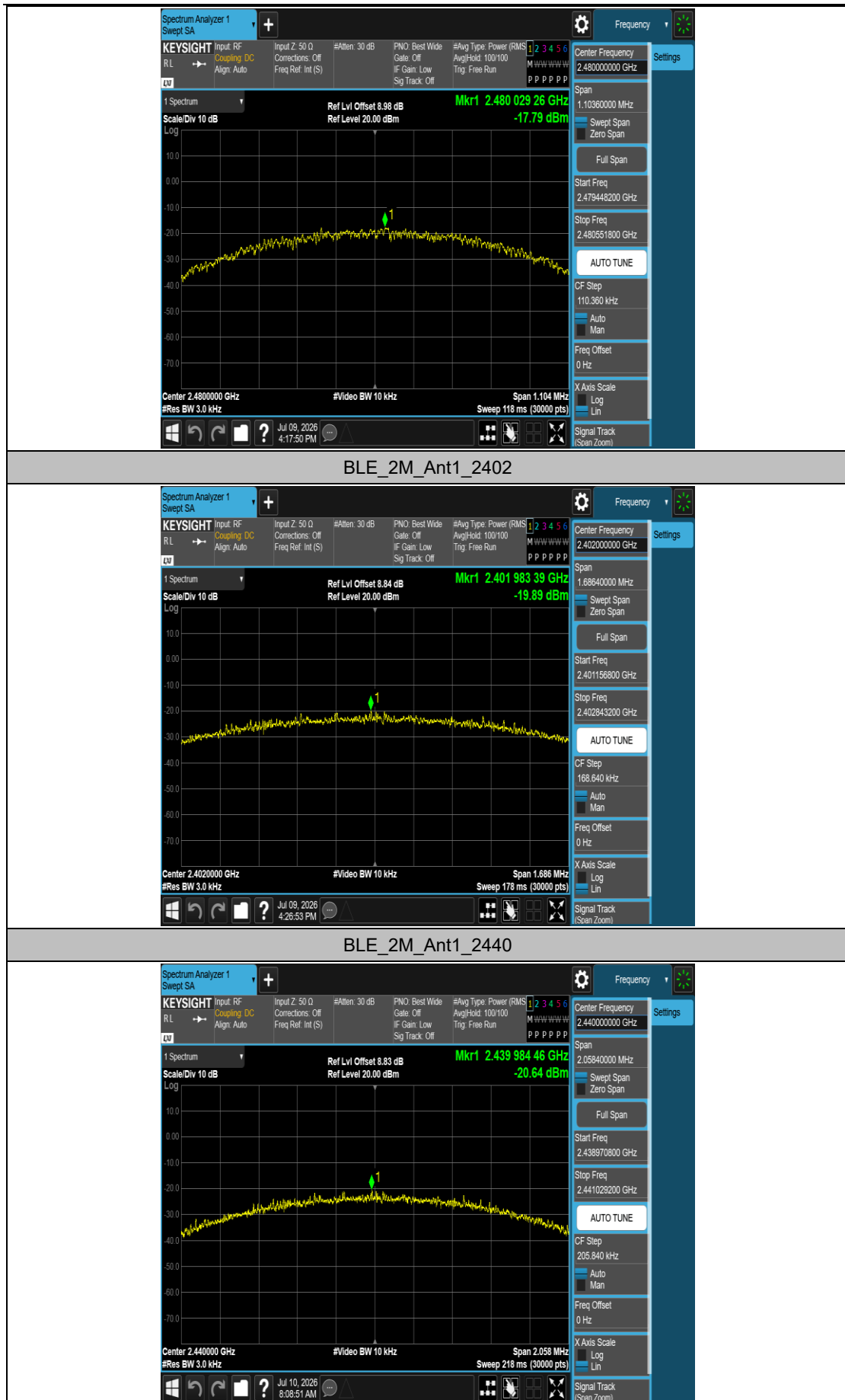
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-16.64	≤8.00	PASS
		2440	-17.01	≤8.00	PASS
		2480	-17.79	≤8.00	PASS
BLE_2M	Ant1	2402	-19.89	≤8.00	PASS
		2440	-20.64	≤8.00	PASS
		2480	-21.38	≤8.00	PASS

Test Graphs





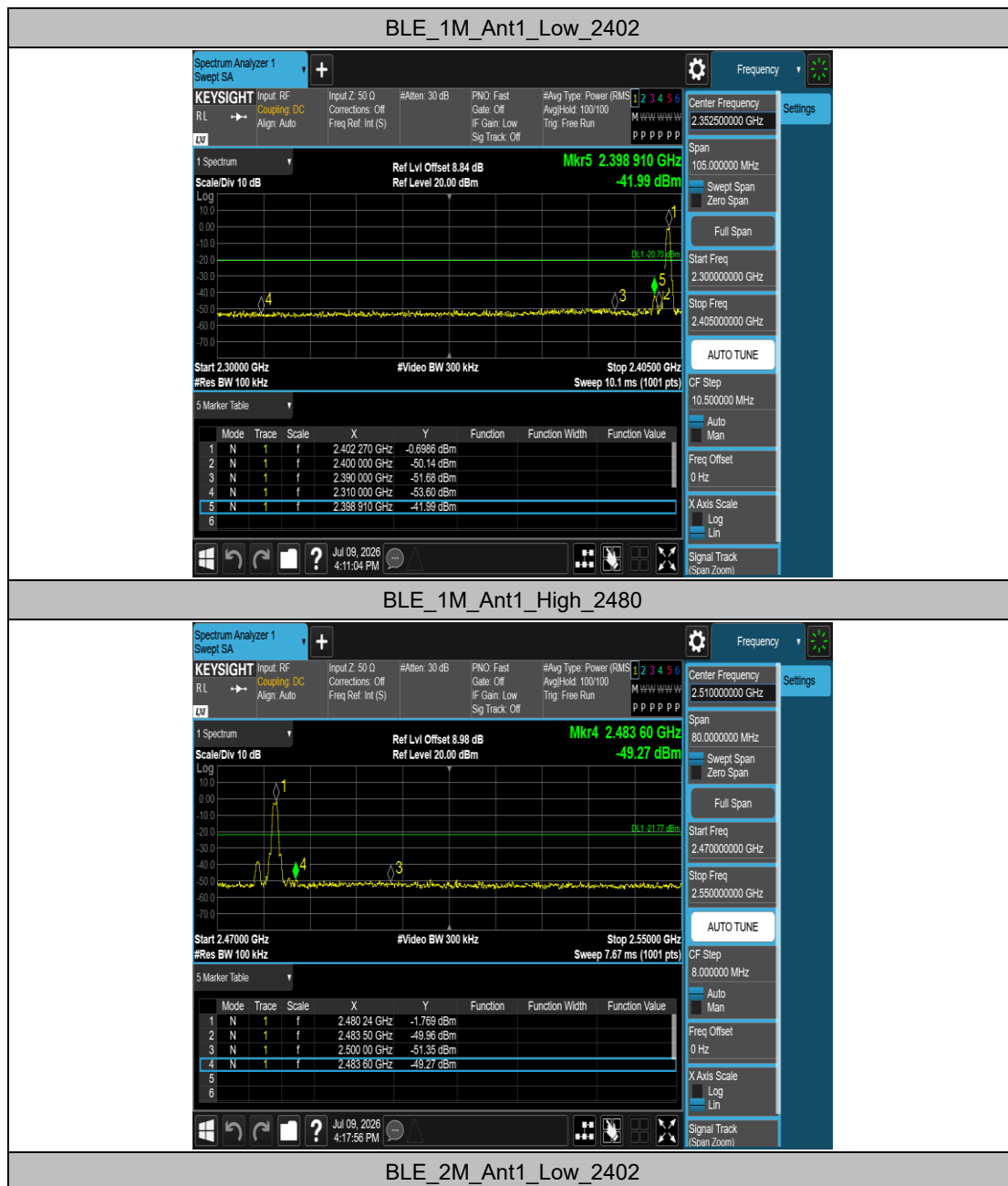


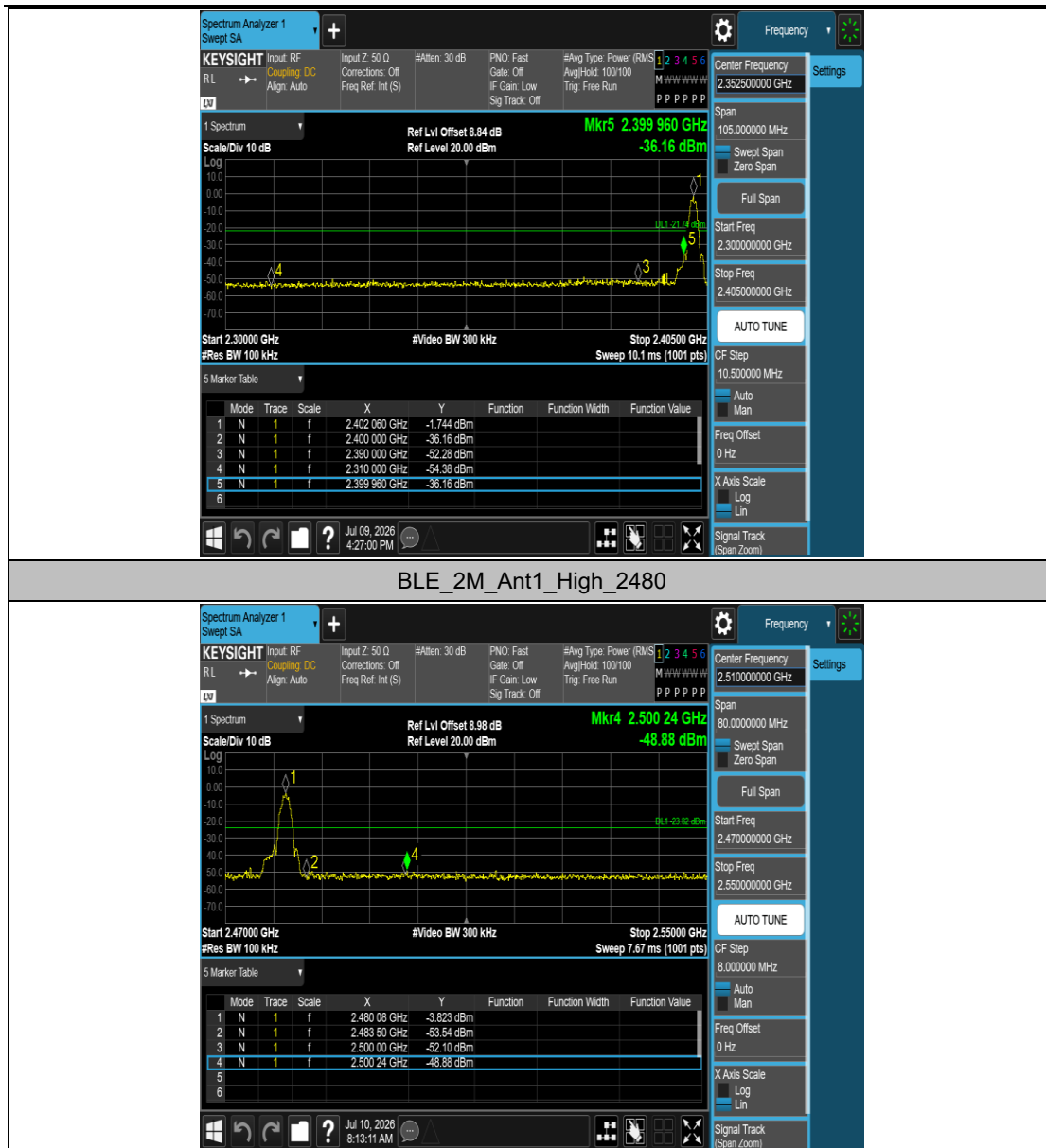
Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-0.70	-41.99	≤ -20.7	PASS
		High	2480	-1.77	-49.27	≤ -21.77	PASS
BLE_2M	Ant1	Low	2402	-1.74	-36.16	≤ -21.74	PASS
		High	2480	-3.82	-48.88	≤ -23.82	PASS

Test Graphs



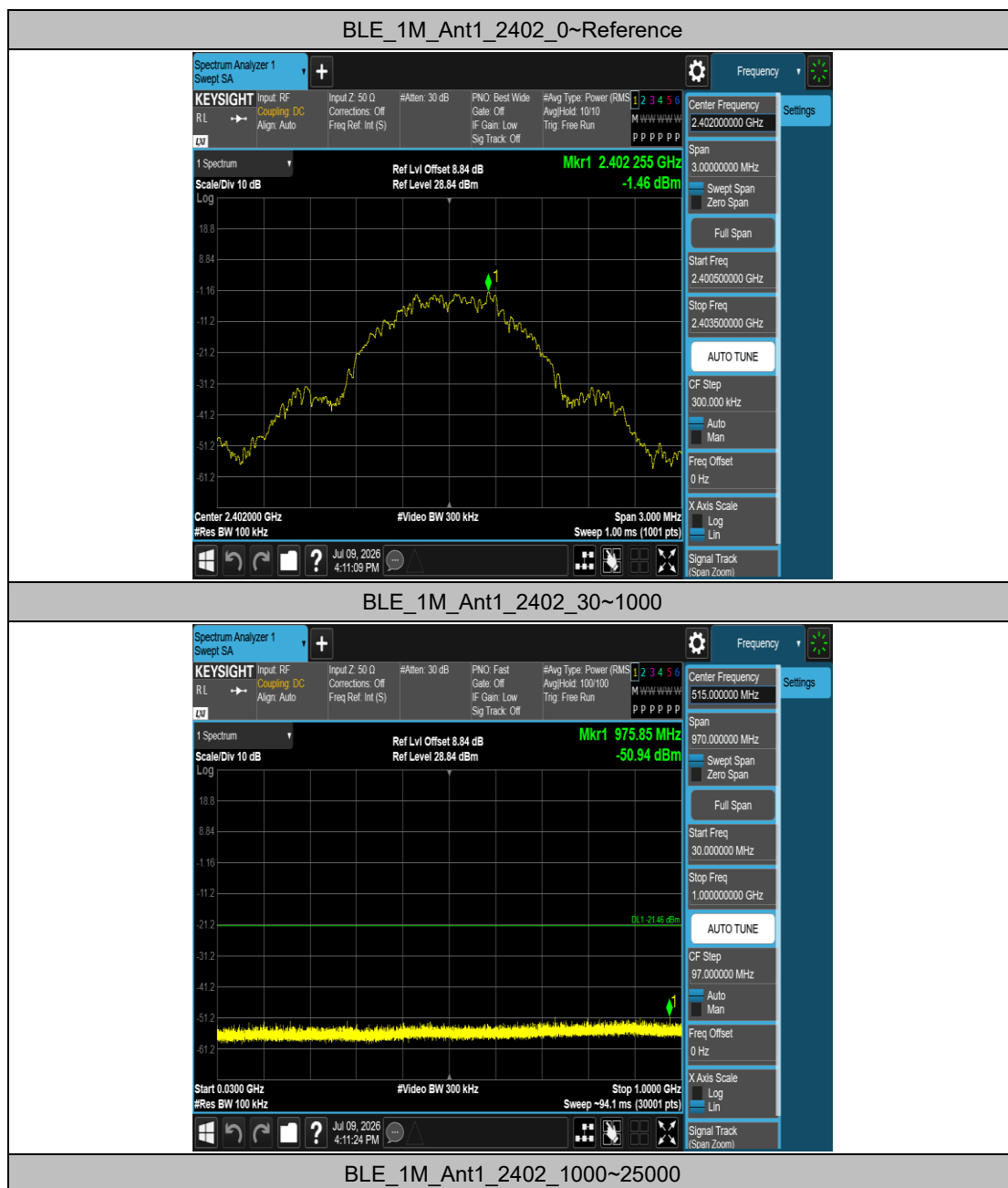


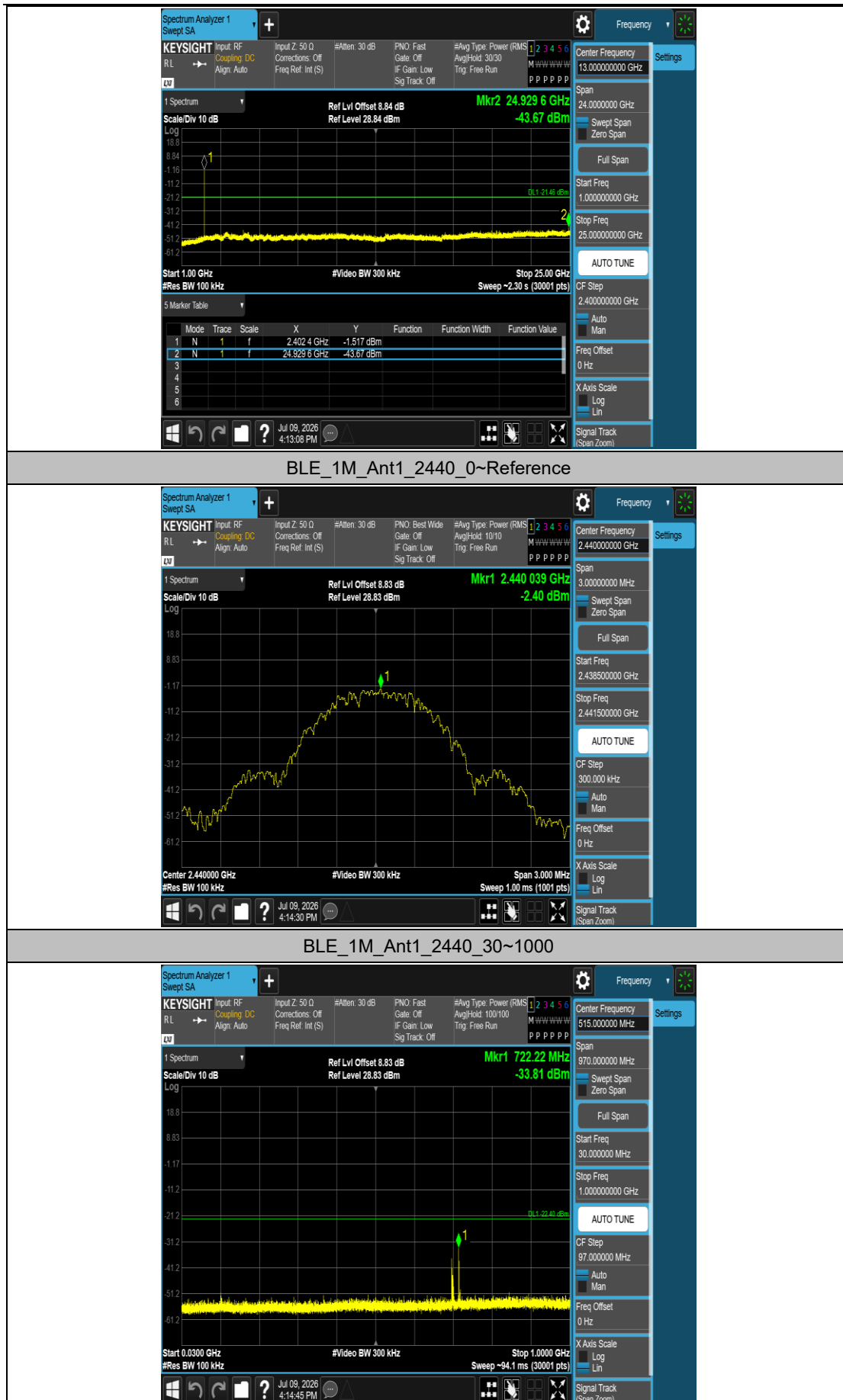
Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-1.46	-1.46	---	PASS
			30~1000	-1.46	-50.94	≤-21.46	PASS
			1000~25000	-1.46	-43.67	≤-21.46	PASS
		2440	Reference	-2.40	-2.40	---	PASS
			30~1000	-2.40	-33.81	≤-22.4	PASS
			1000~25000	-2.40	-44.37	≤-22.4	PASS
		2480	Reference	-2.56	-2.56	---	PASS
			30~1000	-2.56	-50.97	≤-22.56	PASS
			1000~25000	-2.56	-44.6	≤-22.56	PASS
BLE_2M	Ant1	2402	Reference	-3.52	-3.52	---	PASS
			30~1000	-3.52	-51.16	≤-23.52	PASS
			1000~25000	-3.52	-44.81	≤-23.52	PASS
		2440	Reference	-4.64	-4.64	---	PASS
			30~1000	-4.64	-42.31	≤-24.64	PASS
			1000~25000	-4.64	-45.07	≤-24.64	PASS
		2480	Reference	-5.50	-5.50	---	PASS
			30~1000	-5.50	-45.74	≤-25.5	PASS
			1000~25000	-5.50	-43.81	≤-25.5	PASS

Test Graphs

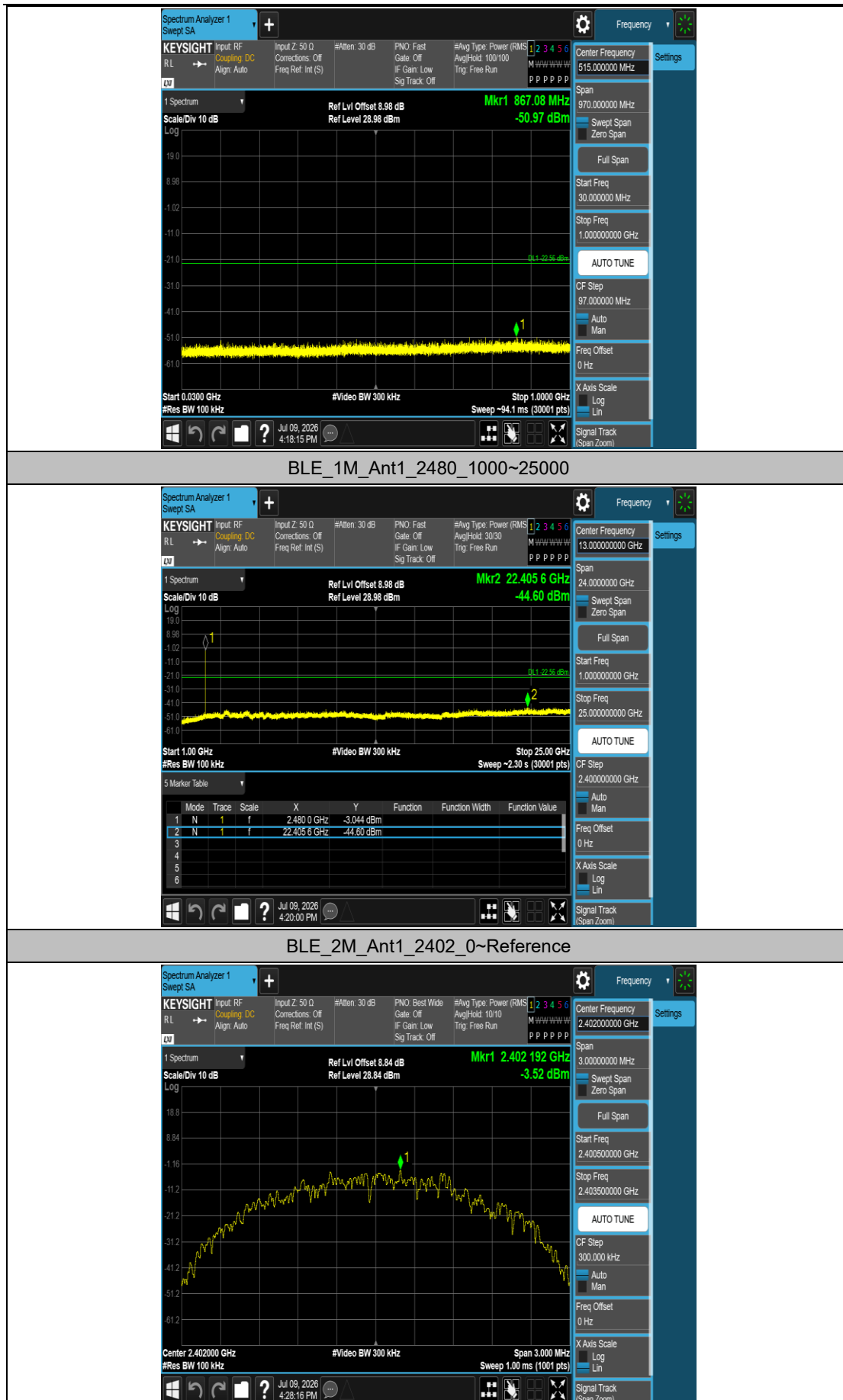


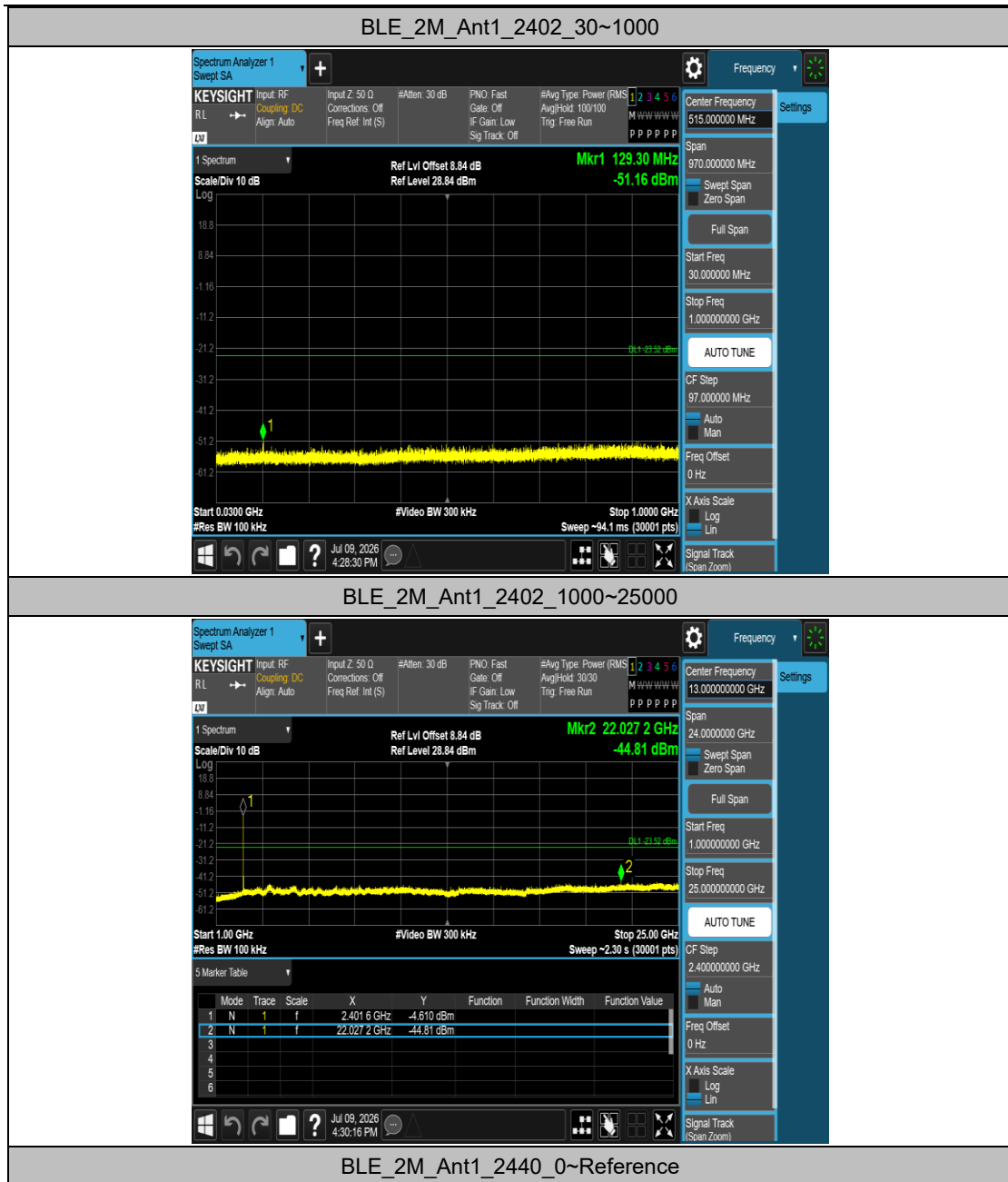


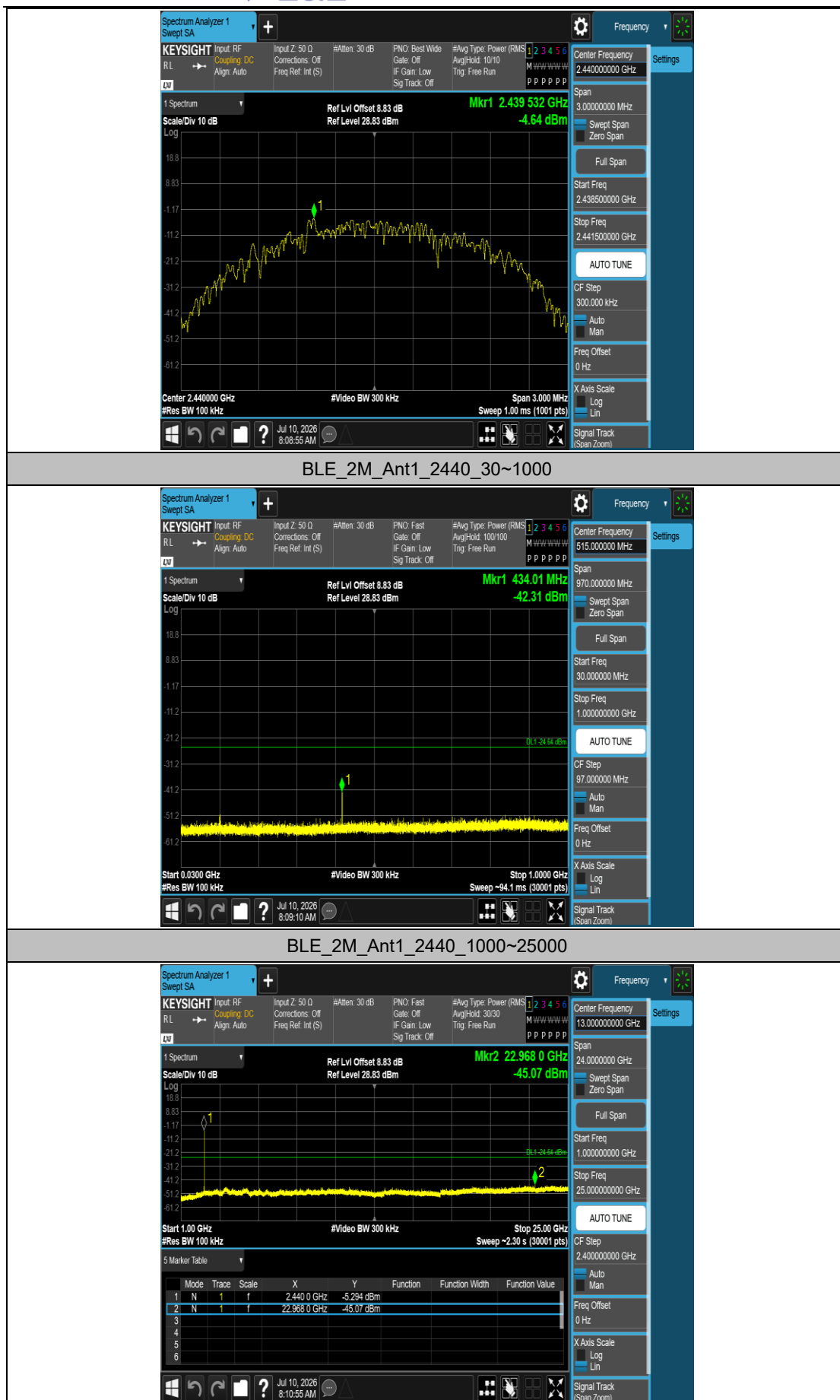
BLE_1M_Ant1_2440_1000~25000

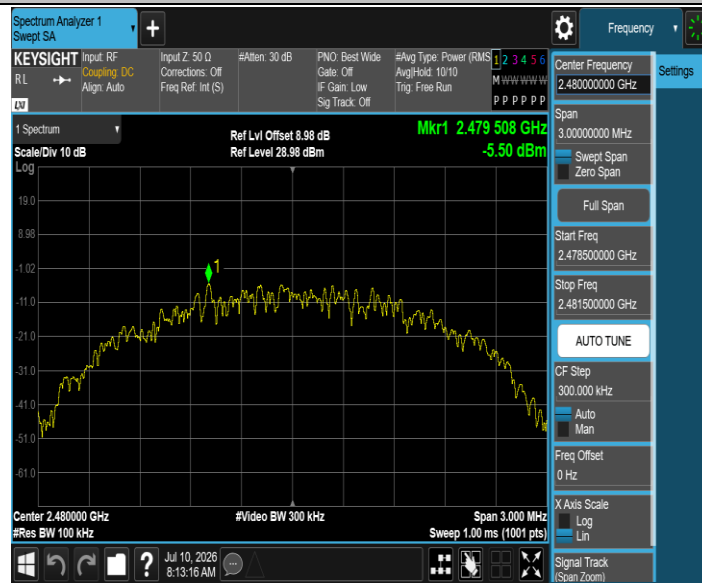
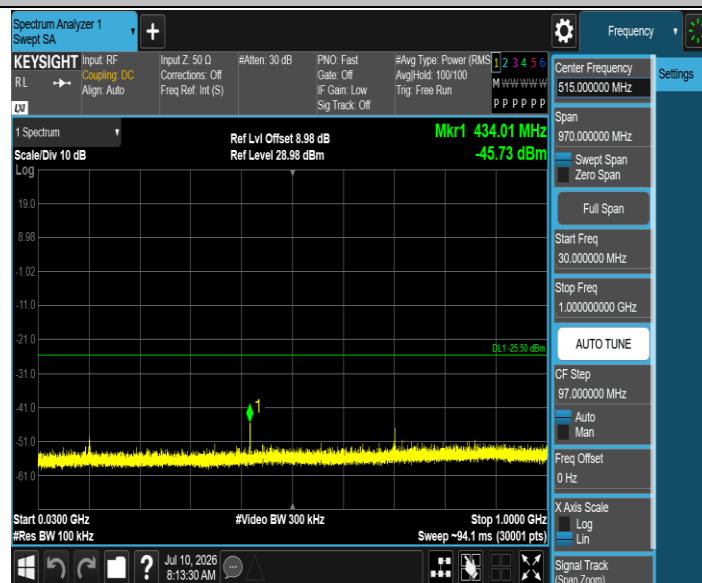
BLE_1M_Ant1_2480_0~Reference

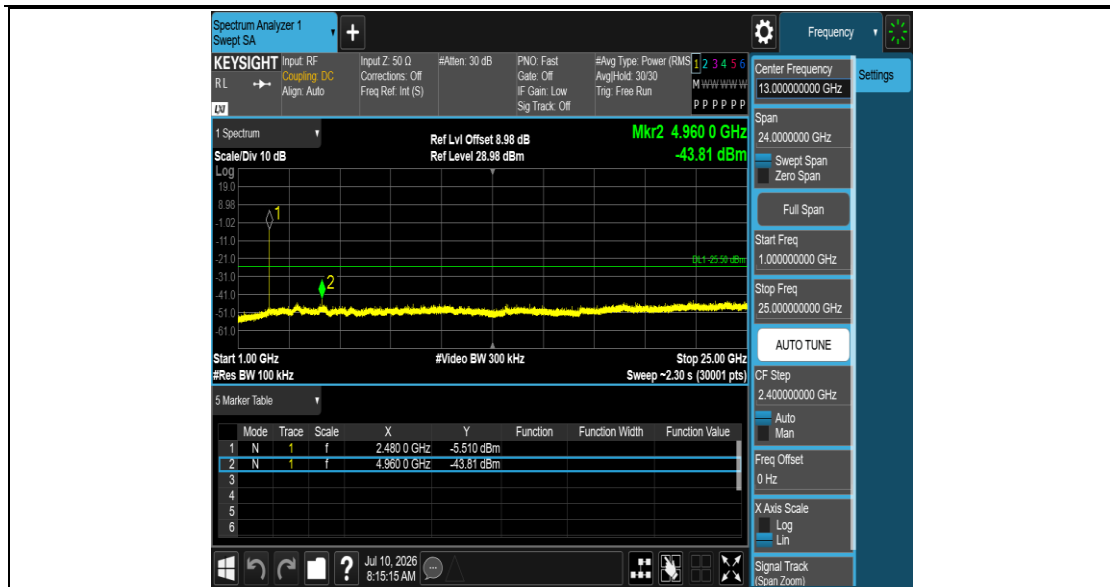
BLE_1M_Ant1_2480_30~1000







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	2.12	2.50	0.8480	84.80
		2480	2.12	2.50	0.8480	84.80
BLE_2M	Ant1	2402	1.09	2.50	0.4360	43.60
		2440	1.07	2.50	0.4280	42.80
		2480	1.07	2.50	0.4280	42.80