

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.732	2401.632	2402.364	0.5	PASS
		2440	0.716	2439.628	2440.344	0.5	PASS
		2480	0.732	2479.636	2480.368	0.5	PASS
BLE_2M	Ant1	2402	1.352	2401.332	2402.684	0.5	PASS
		2440	1.372	2439.324	2440.696	0.5	PASS
		2480	1.388	2479.320	2480.708	0.5	PASS

Test Graphs







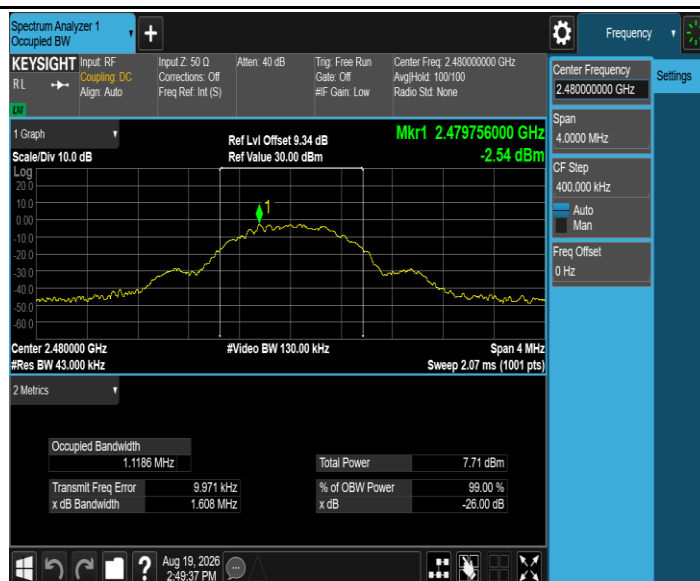
Appendix B: Occupied Channel Bandwidth

Test Result

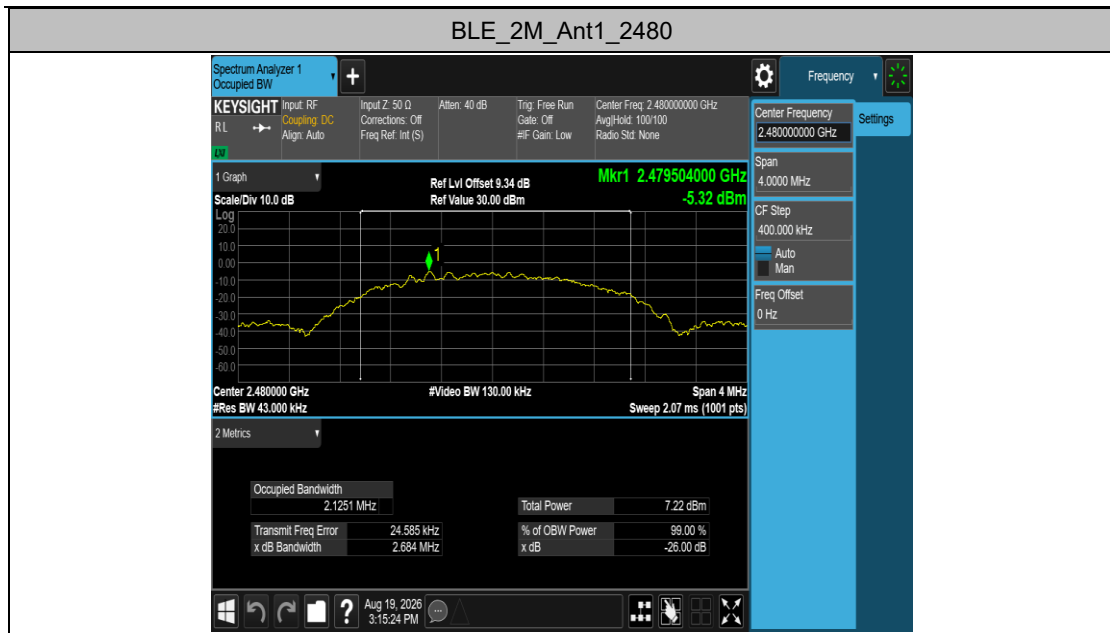
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0909	2401.4610	2402.5519	---	---
		2440	1.0979	2439.4572	2440.5551	---	---
		2480	1.1186	2479.4507	2480.5693	---	---
BLE_2M	Ant1	2402	2.1142	2400.9650	2403.0792	---	---
		2440	2.1177	2438.9625	2441.0802	---	---
		2480	2.1251	2478.9620	2481.0871	---	---

Test Graphs




BLE_2M_Ant1_2402

BLE_2M_Ant1_2440

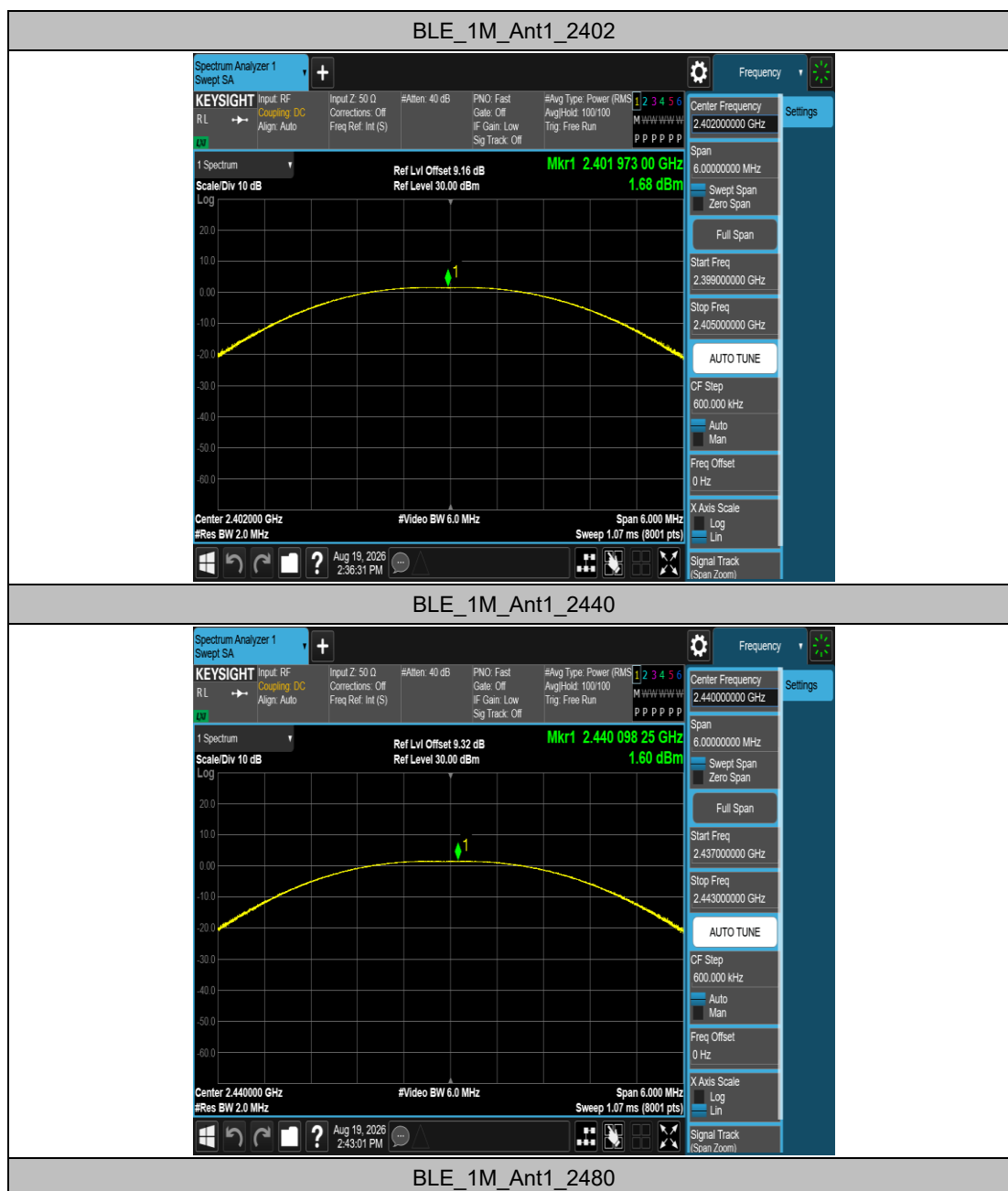



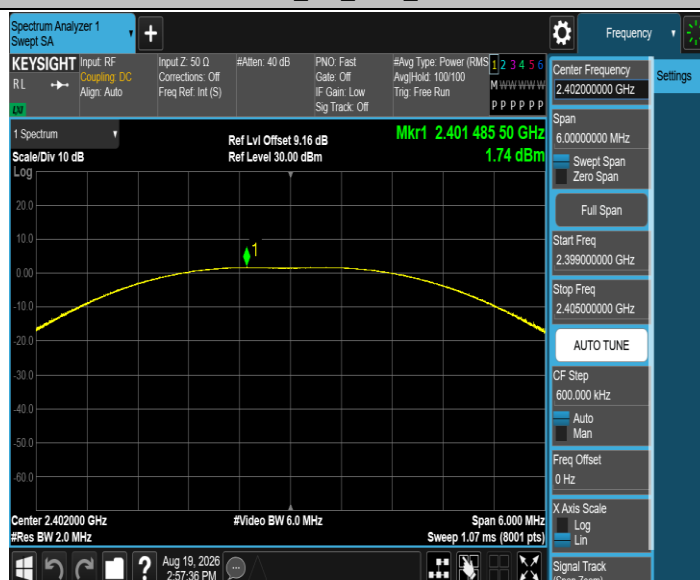
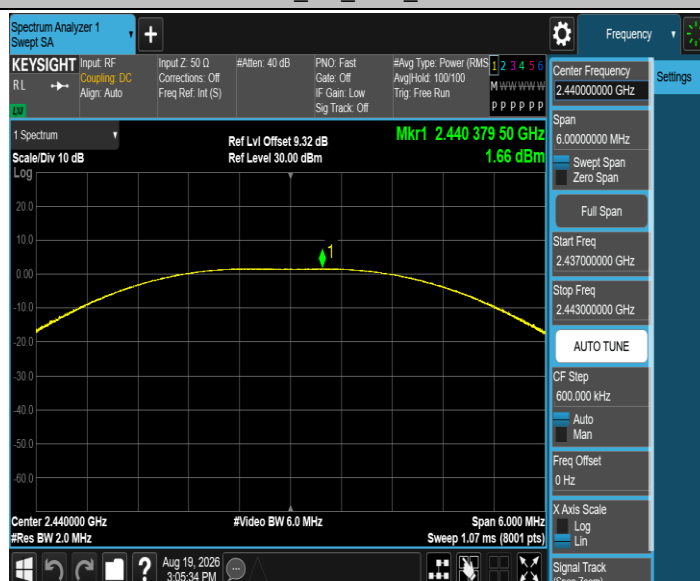
Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	1.68	≤30	PASS
		2440	1.60	≤30	PASS
		2480	1.23	≤30	PASS
BLE_2M	Ant1	2402	1.74	≤30	PASS
		2440	1.66	≤30	PASS
		2480	1.25	≤30	PASS

Test Graphs




BLE_2M_Ant1_2402

BLE_2M_Ant1_2440


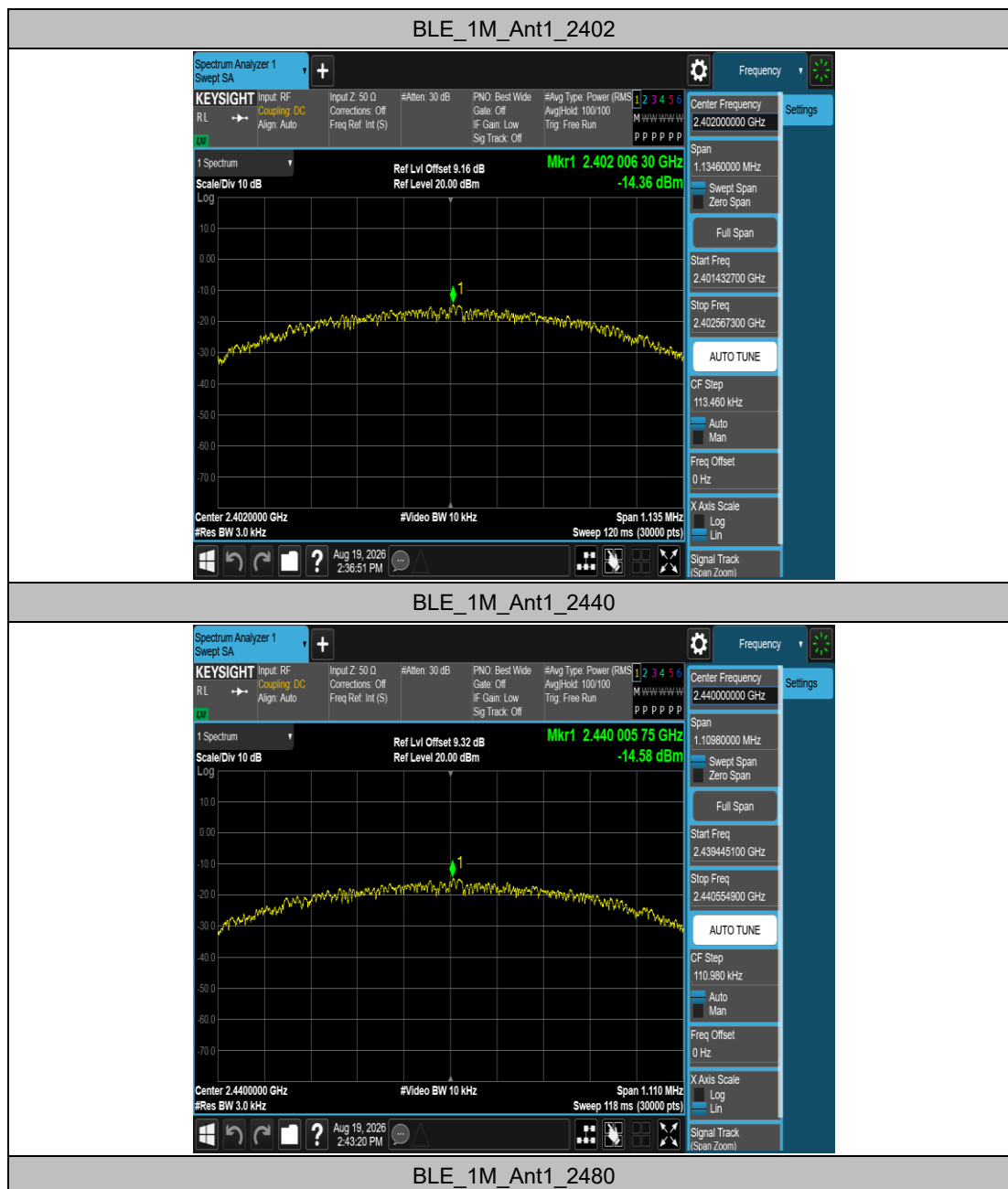


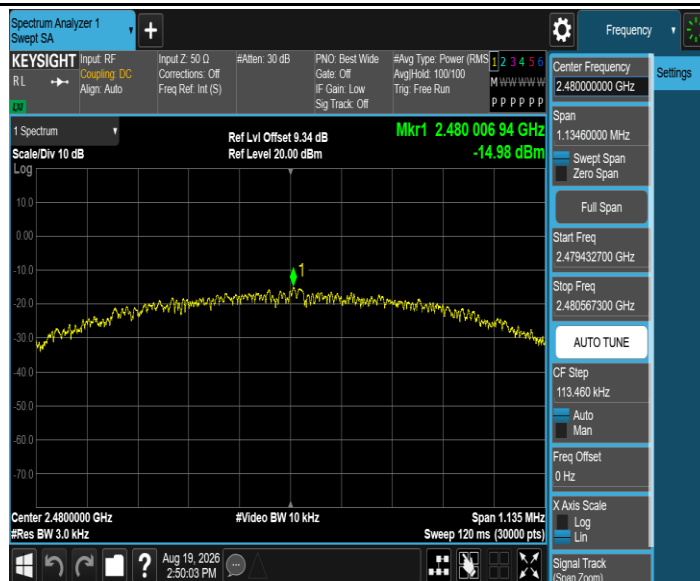
Appendix D: Maximum power spectral density

Test Result

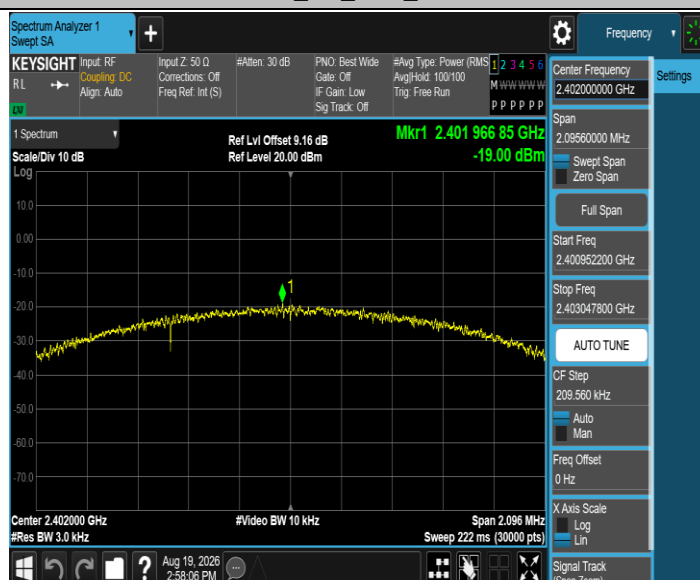
TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-14.36	≤8.00	PASS
		2440	-14.58	≤8.00	PASS
		2480	-14.98	≤8.00	PASS
BLE_2M	Ant1	2402	-19.00	≤8.00	PASS
		2440	-19.17	≤8.00	PASS
		2480	-19.58	≤8.00	PASS

Test Graphs





BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



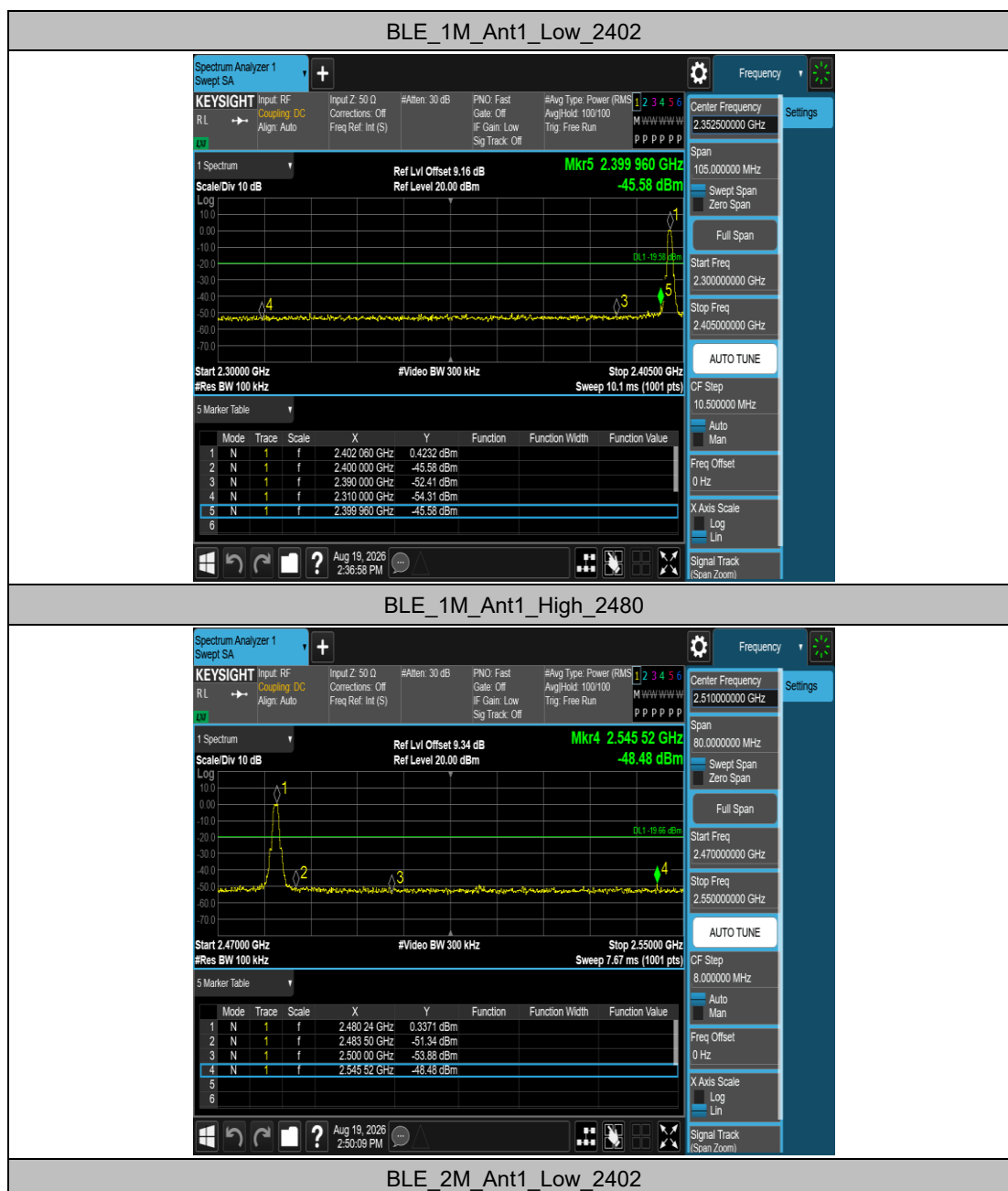


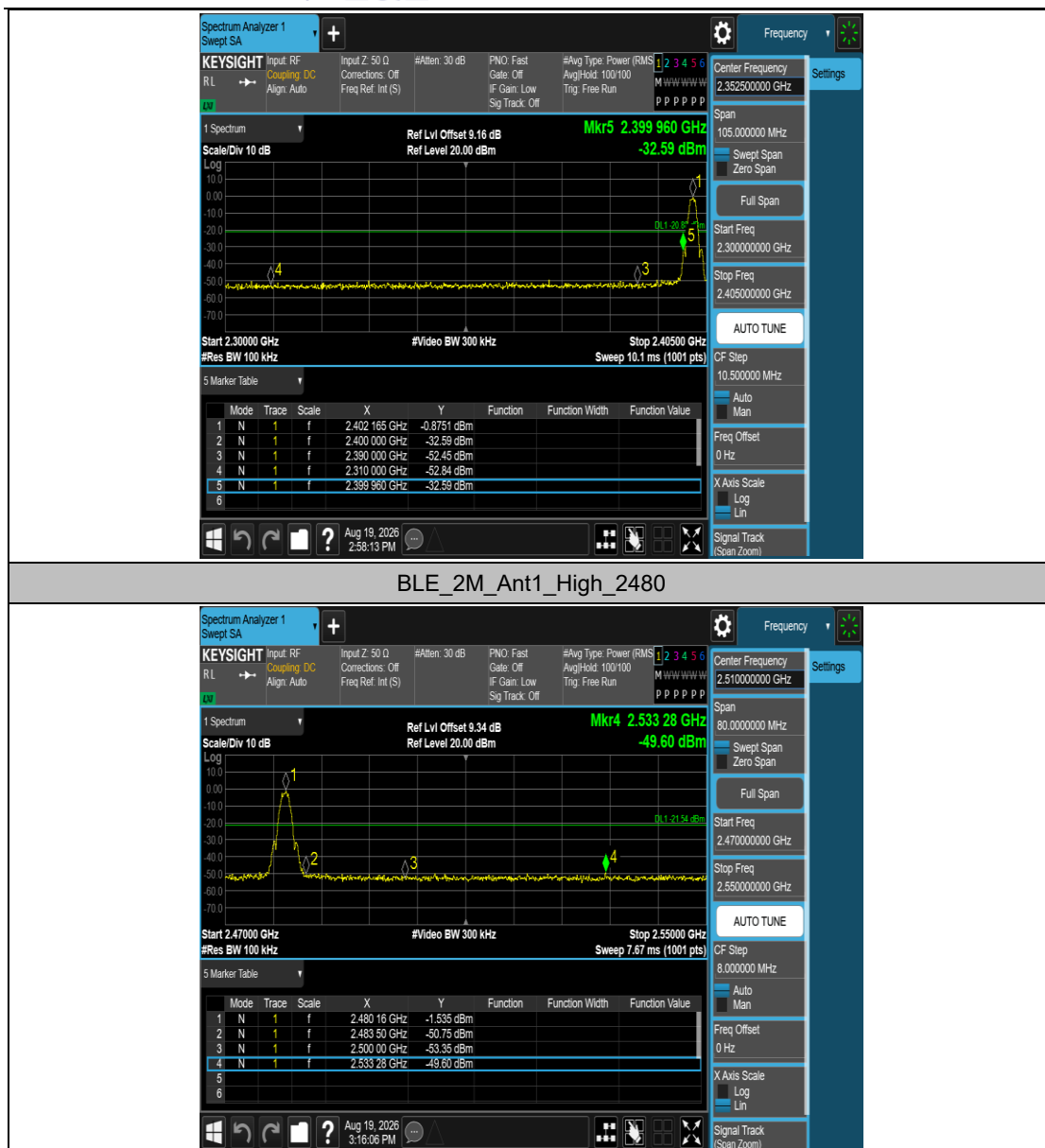
Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	0.42	-45.58	≤-19.58	PASS
		High	2480	0.34	-48.48	≤-19.66	PASS
BLE_2M	Ant1	Low	2402	-0.88	-32.59	≤-20.88	PASS
		High	2480	-1.54	-49.6	≤-21.54	PASS

Test Graphs



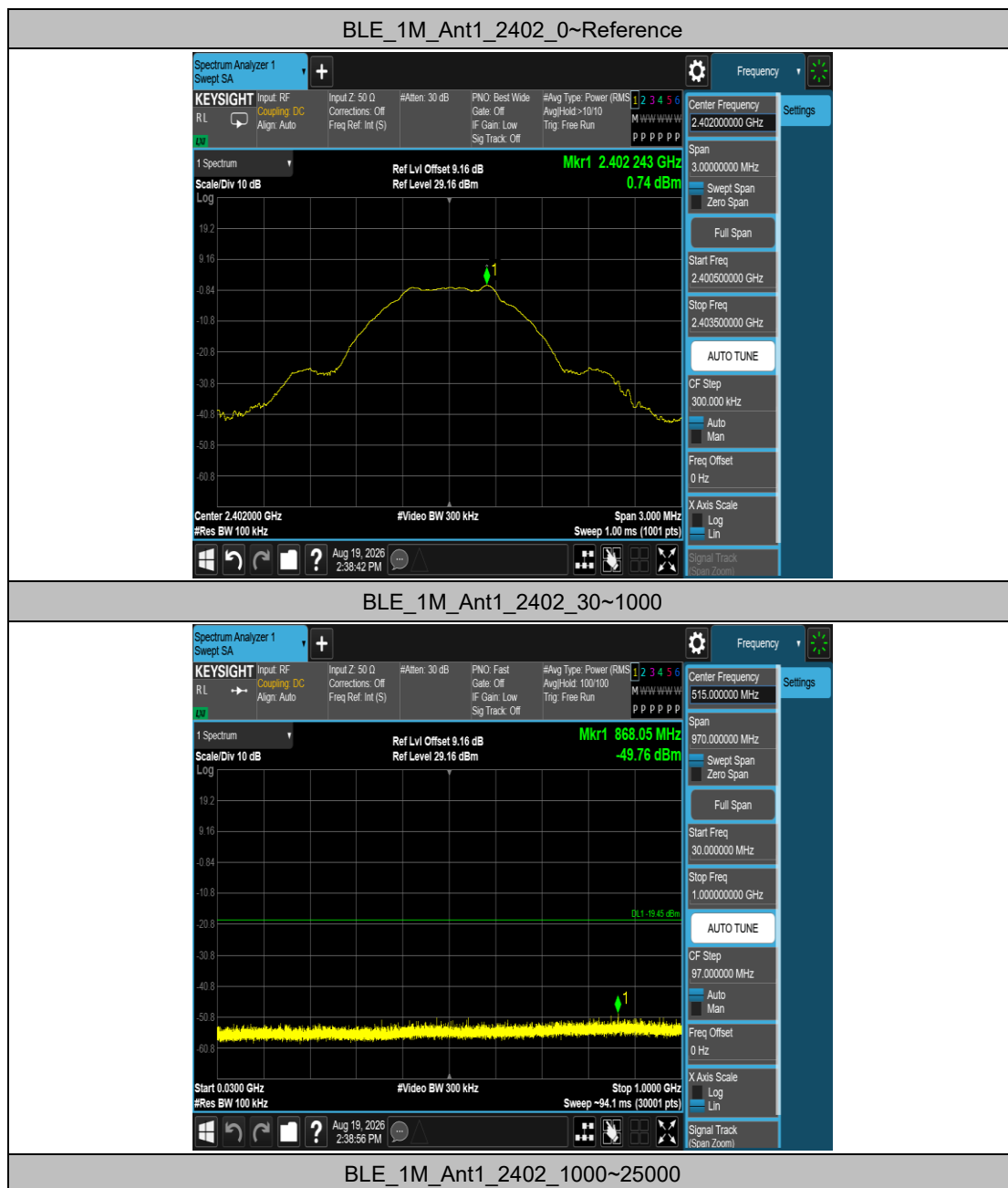


Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	0.74	0.74	---	PASS
			30~1000	0.74	-49.76	≤-19.26	PASS
			1000~25000	0.74	-37.27	≤-19.26	PASS
		2440	Reference	0.62	0.62	---	PASS
			30~1000	0.62	-50.39	≤-19.38	PASS
			1000~25000	0.62	-35.69	≤-19.38	PASS
		2480	Reference	0.21	0.21	---	PASS
			30~1000	0.21	-50.48	≤-19.79	PASS
			1000~25000	0.21	-38.55	≤-19.79	PASS
BLE_2M	Ant1	2402	Reference	-1.37	-1.37	---	PASS
			30~1000	-1.37	-50.57	≤-21.37	PASS
			1000~25000	-1.37	-37.66	≤-21.37	PASS
		2440	Reference	-1.43	-1.43	---	PASS
			30~1000	-1.43	-50.73	≤-21.43	PASS
			1000~25000	-1.43	-38.57	≤-21.43	PASS
		2480	Reference	-2.03	-2.03	---	PASS
			30~1000	-2.03	-50.5	≤-22.03	PASS
			1000~25000	-2.03	-40.86	≤-22.03	PASS

Test Graphs

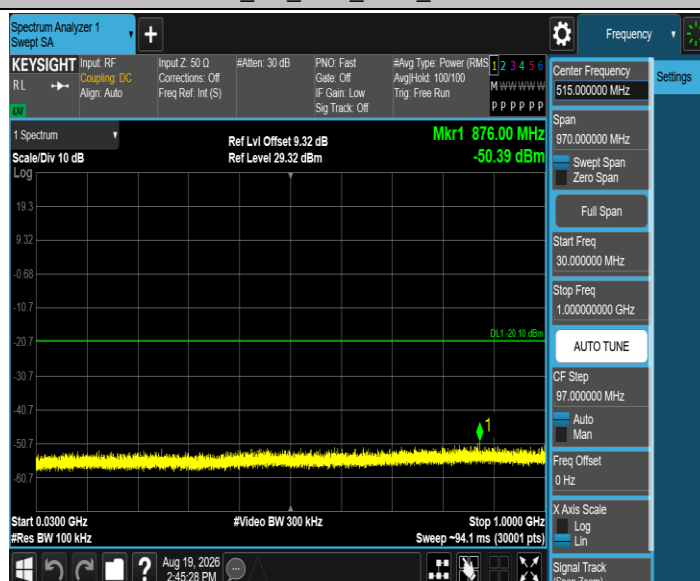




BLE_1M_Ant1_2440_0~Reference



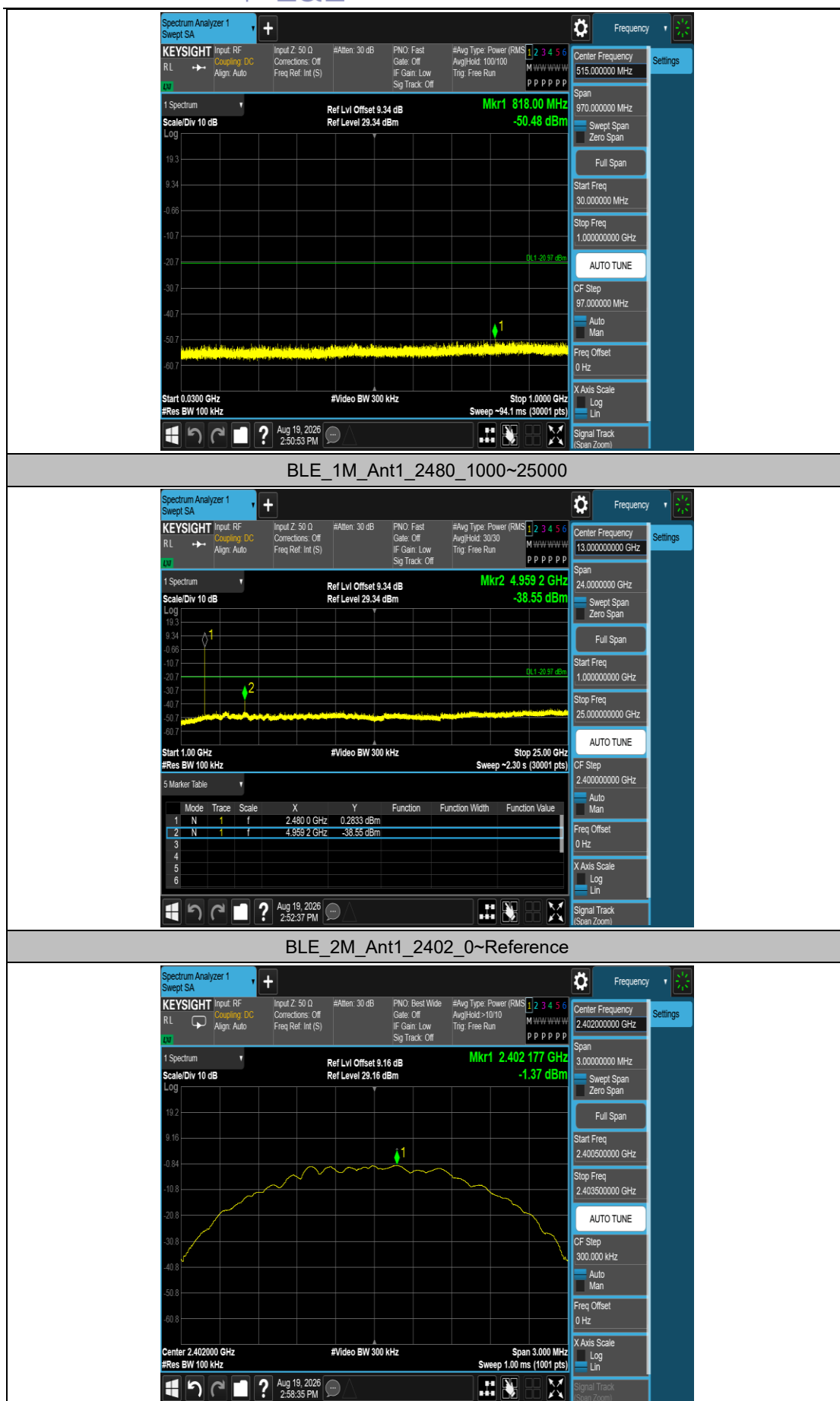
BLE_1M_Ant1_2440_30~1000

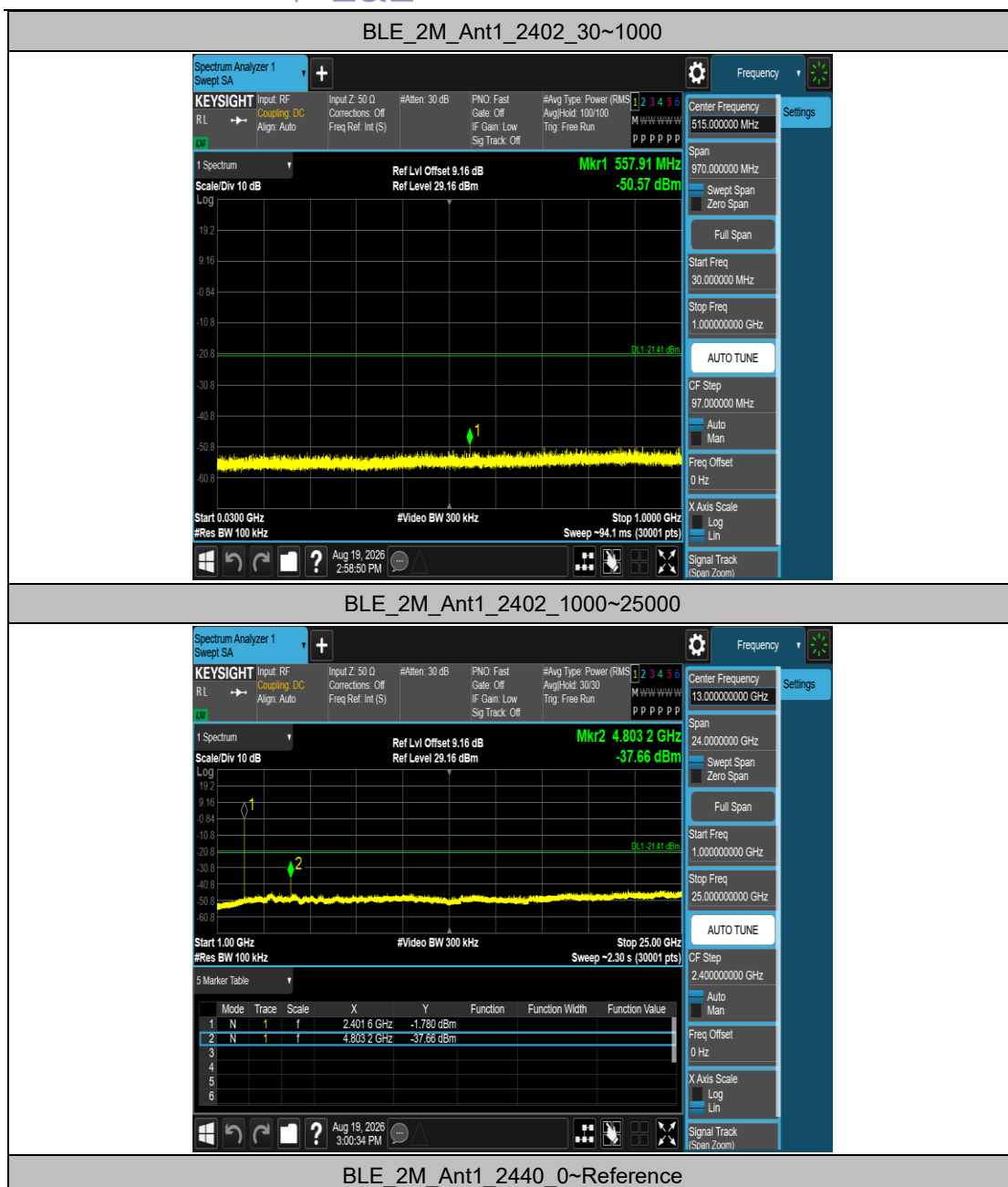


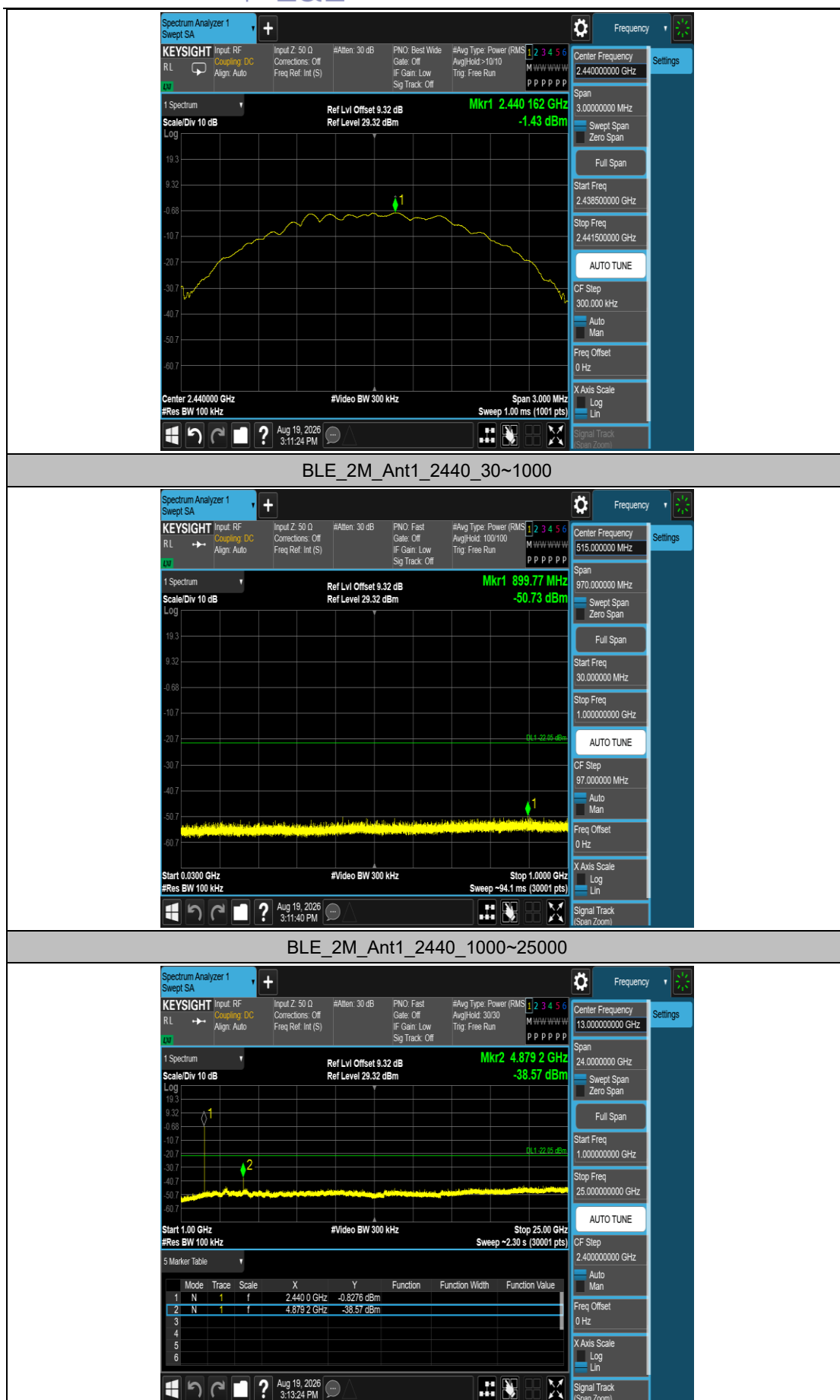
BLE_1M_Ant1_2440_1000~25000

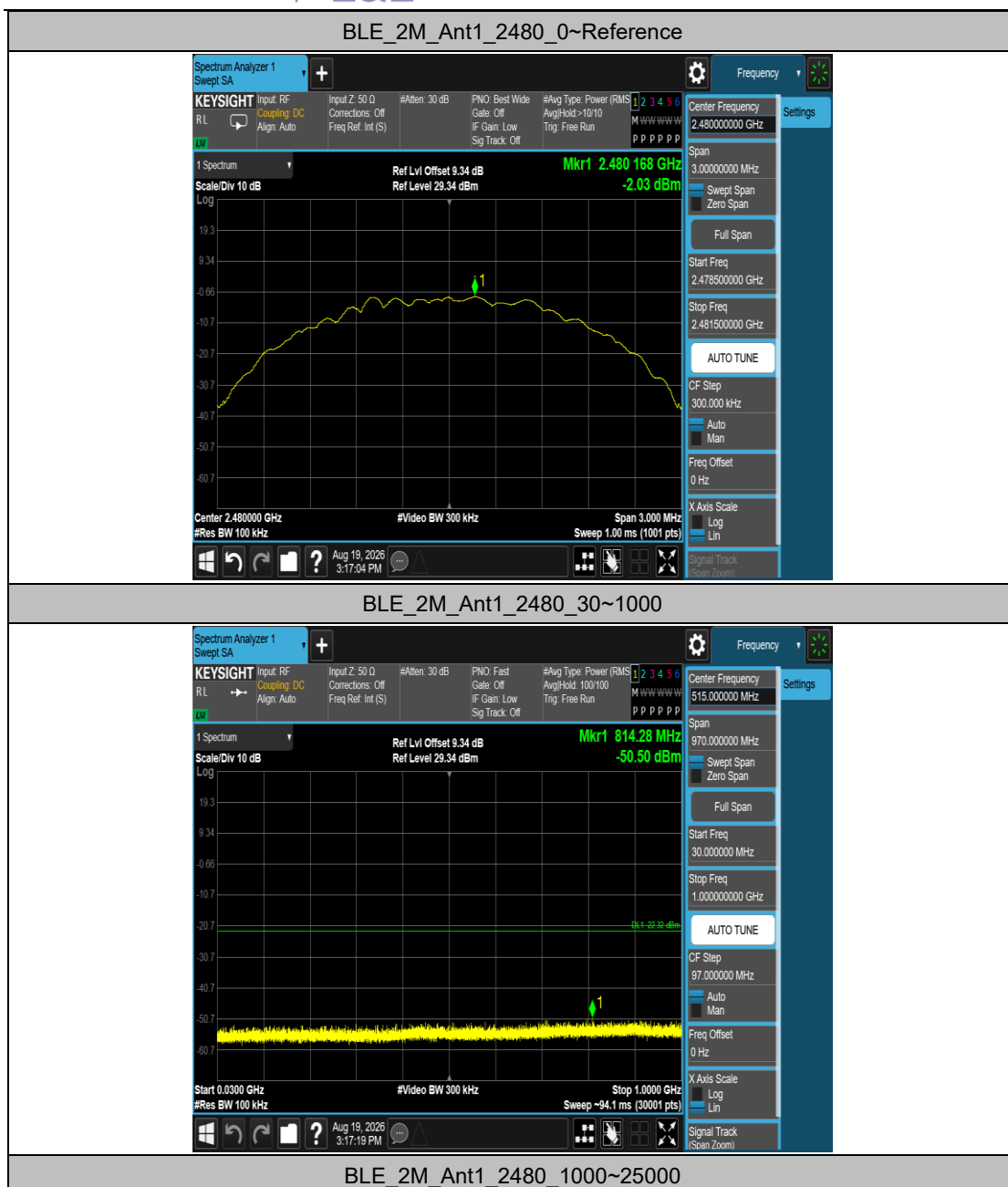
BLE_1M_Ant1_2480_0~Reference

BLE_1M_Ant1_2480_30~1000











Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]
BLE_1M	Ant1	2402	19.00	19.00	1.0000	100.00
		2440	19.00	19.00	1.0000	100.00
		2480	19.00	19.00	1.0000	100.00
BLE_2M	Ant1	2402	19.00	19.00	1.0000	100.00
		2440	19.00	19.00	1.0000	100.00
		2480	19.00	19.00	1.0000	100.00