

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.652	2401.632	2402.284	0.5	PASS
		2440	0.624	2439.652	2440.276	0.5	PASS
		2480	0.600	2479.676	2480.276	0.5	PASS
BLE_2M	Ant1	2402	1.064	2401.448	2402.512	0.5	PASS
		2440	1.072	2439.440	2440.512	0.5	PASS
		2480	1.072	2479.440	2480.512	0.5	PASS

Test Graphs




BLE_2M_Ant1_2402

BLE_2M_Ant1_2440

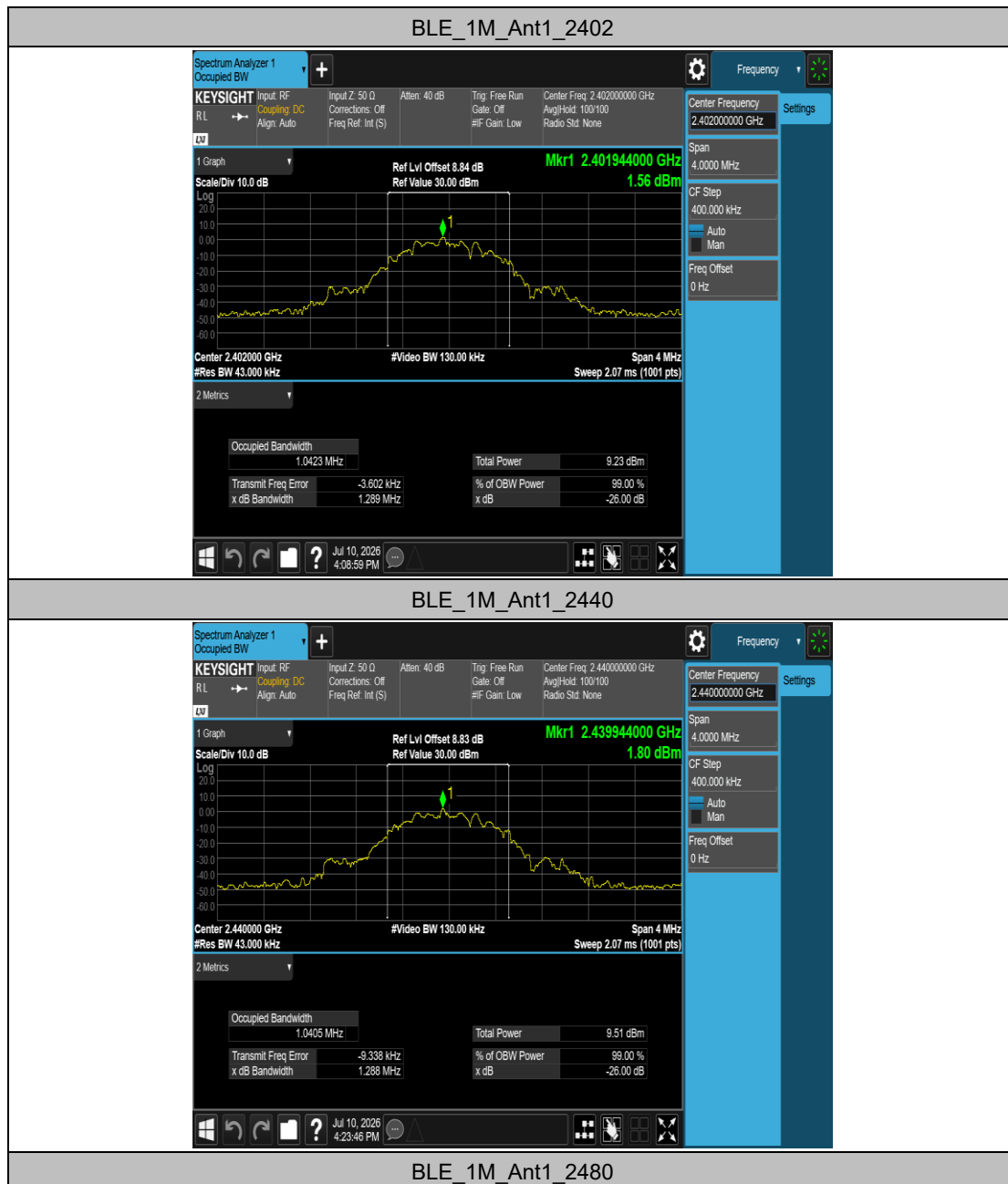



Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0423	2401.4753	2402.5176	---	---
		2440	1.0405	2439.4704	2440.5109	---	---
		2480	1.0076	2479.4724	2480.4800	---	---
BLE_2M	Ant1	2402	2.0254	2400.9665	2402.9919	---	---
		2440	2.0143	2438.9861	2441.0004	---	---
		2480	1.9770	2478.9737	2480.9507	---	---

Test Graphs



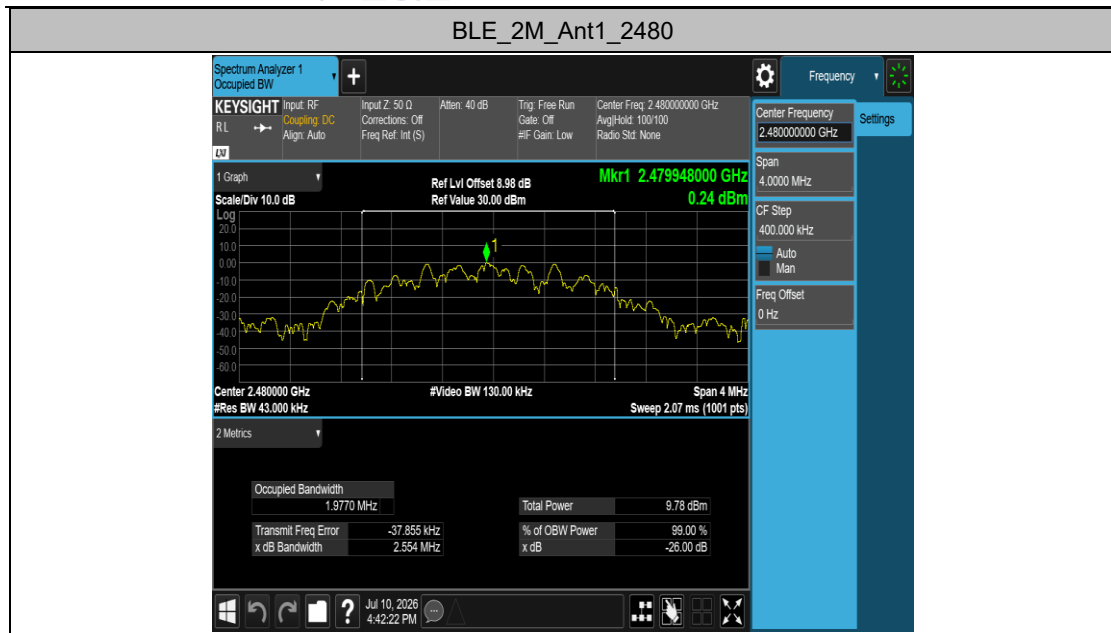


BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



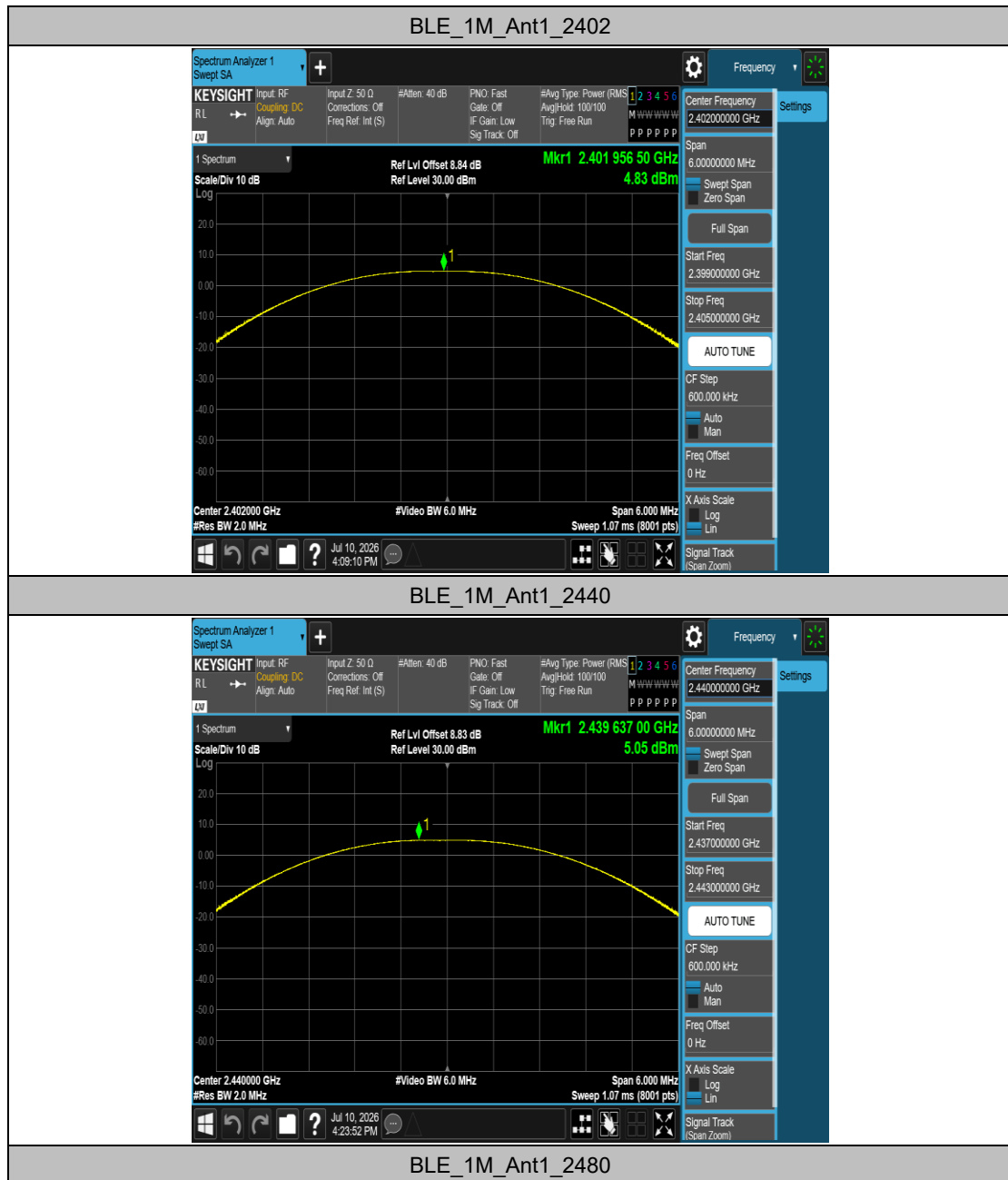


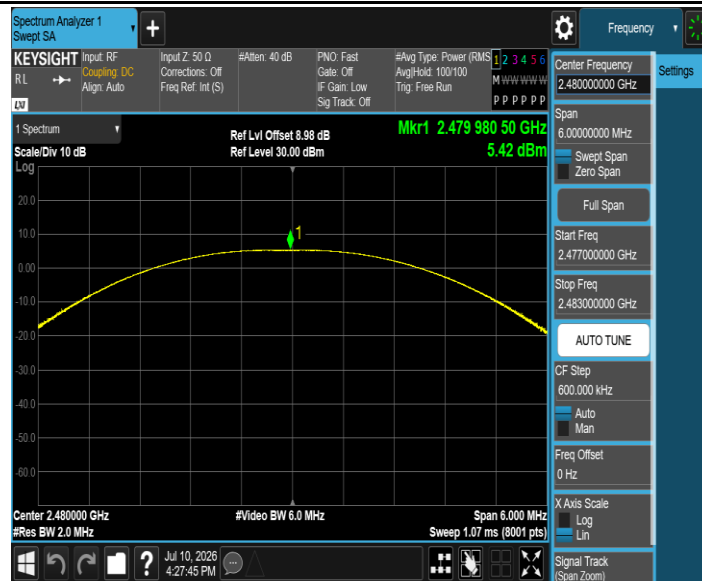
Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	4.83	≤30	PASS
		2440	5.05	≤30	PASS
		2480	5.42	≤30	PASS
BLE_2M	Ant1	2402	4.92	≤30	PASS
		2440	5.12	≤30	PASS
		2480	5.50	≤30	PASS

Test Graphs




BLE_2M_Ant1_2402

BLE_2M_Ant1_2440



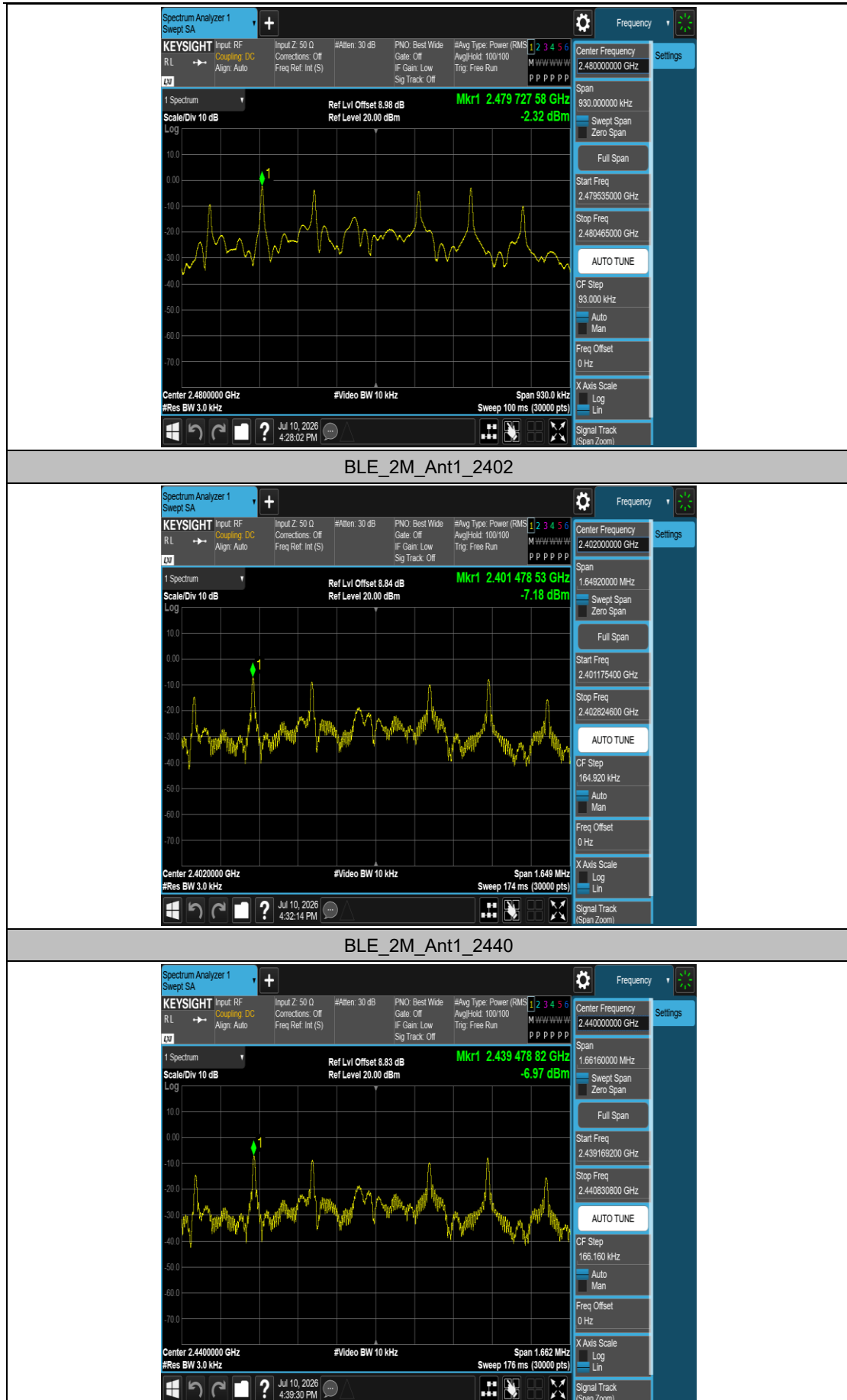

Appendix D: Maximum power spectral density

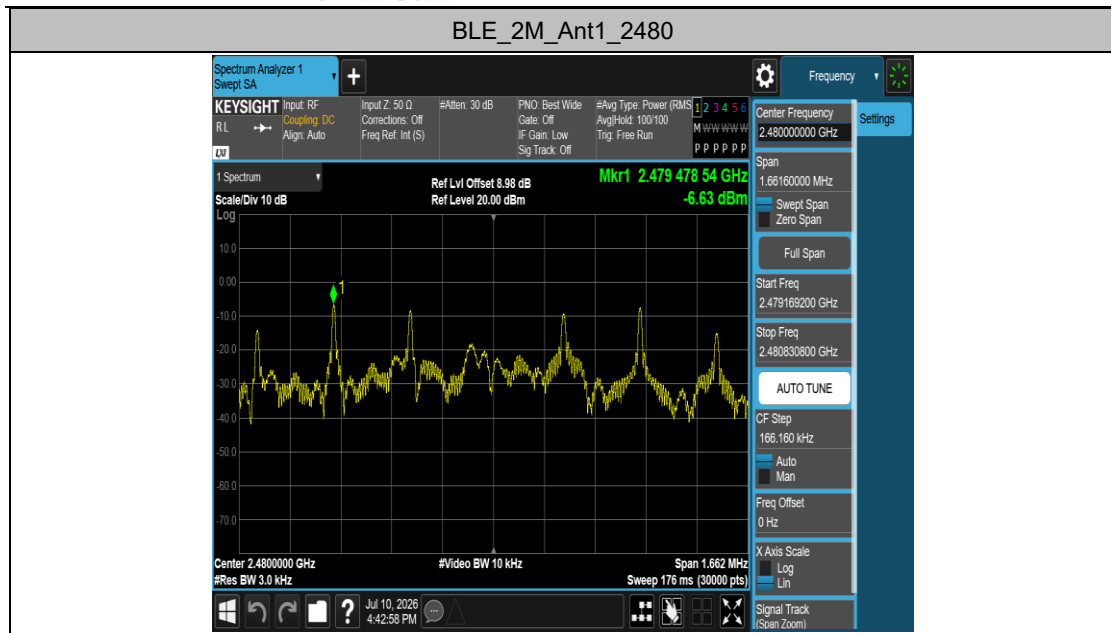
Test Result

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-2.96	≤8.00	PASS
		2440	-2.67	≤8.00	PASS
		2480	-2.32	≤8.00	PASS
BLE_2M	Ant1	2402	-7.18	≤8.00	PASS
		2440	-6.97	≤8.00	PASS
		2480	-6.63	≤8.00	PASS

Test Graphs





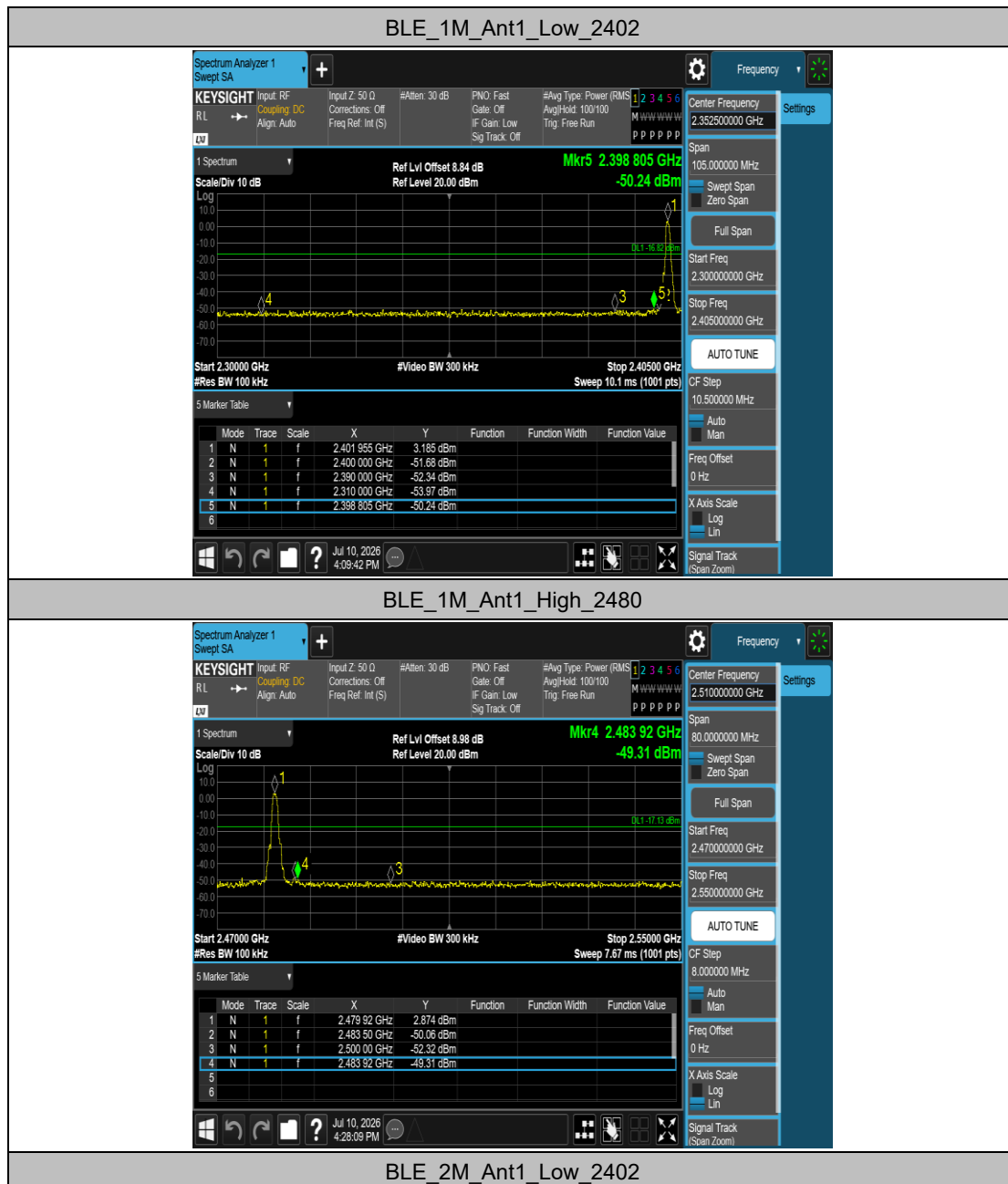


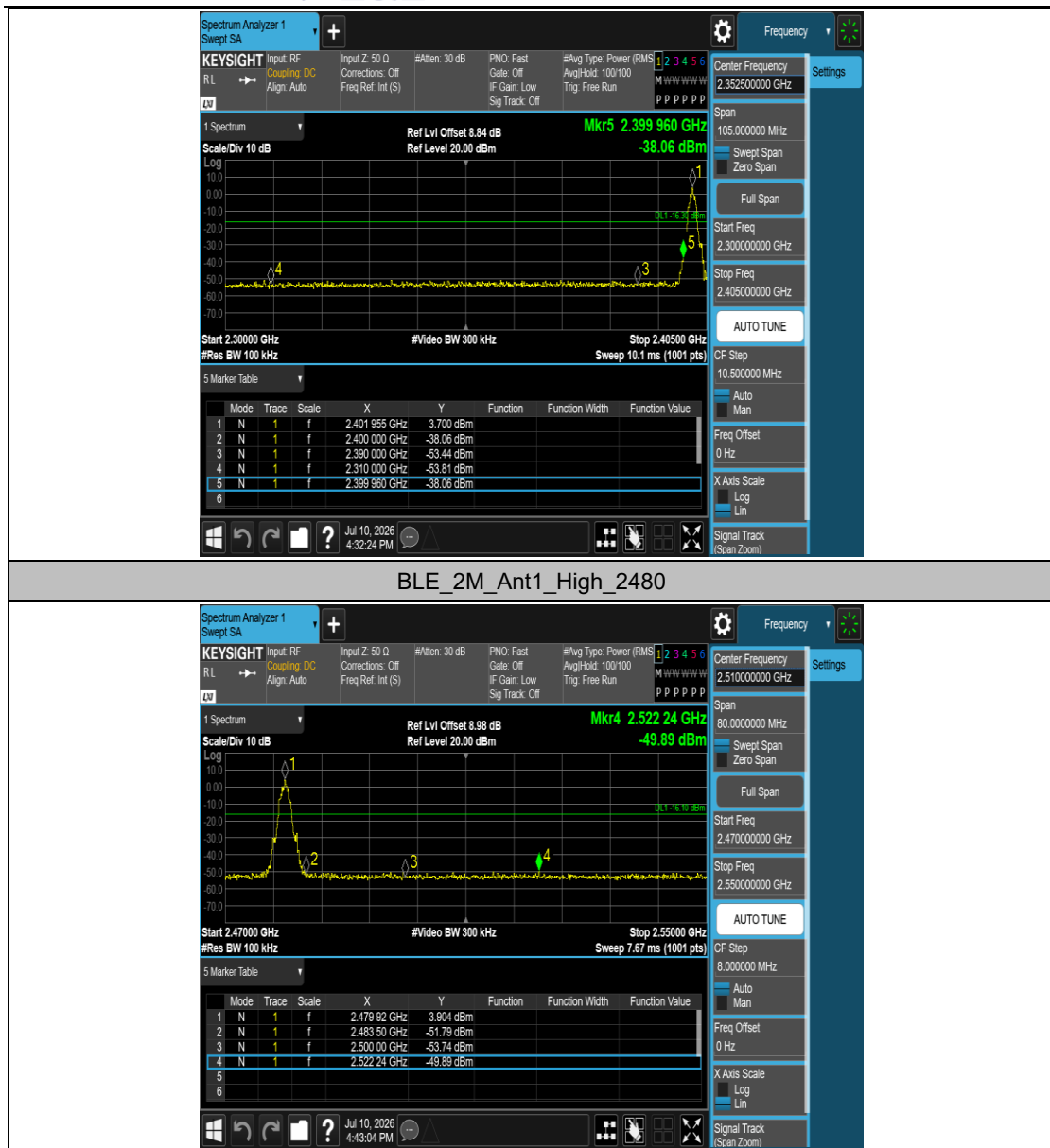
Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	3.19	-50.24	≤-16.82	PASS
		High	2480	2.87	-49.31	≤-17.13	PASS
BLE_2M	Ant1	Low	2402	3.70	-38.06	≤-16.3	PASS
		High	2480	3.90	-49.89	≤-16.1	PASS

Test Graphs



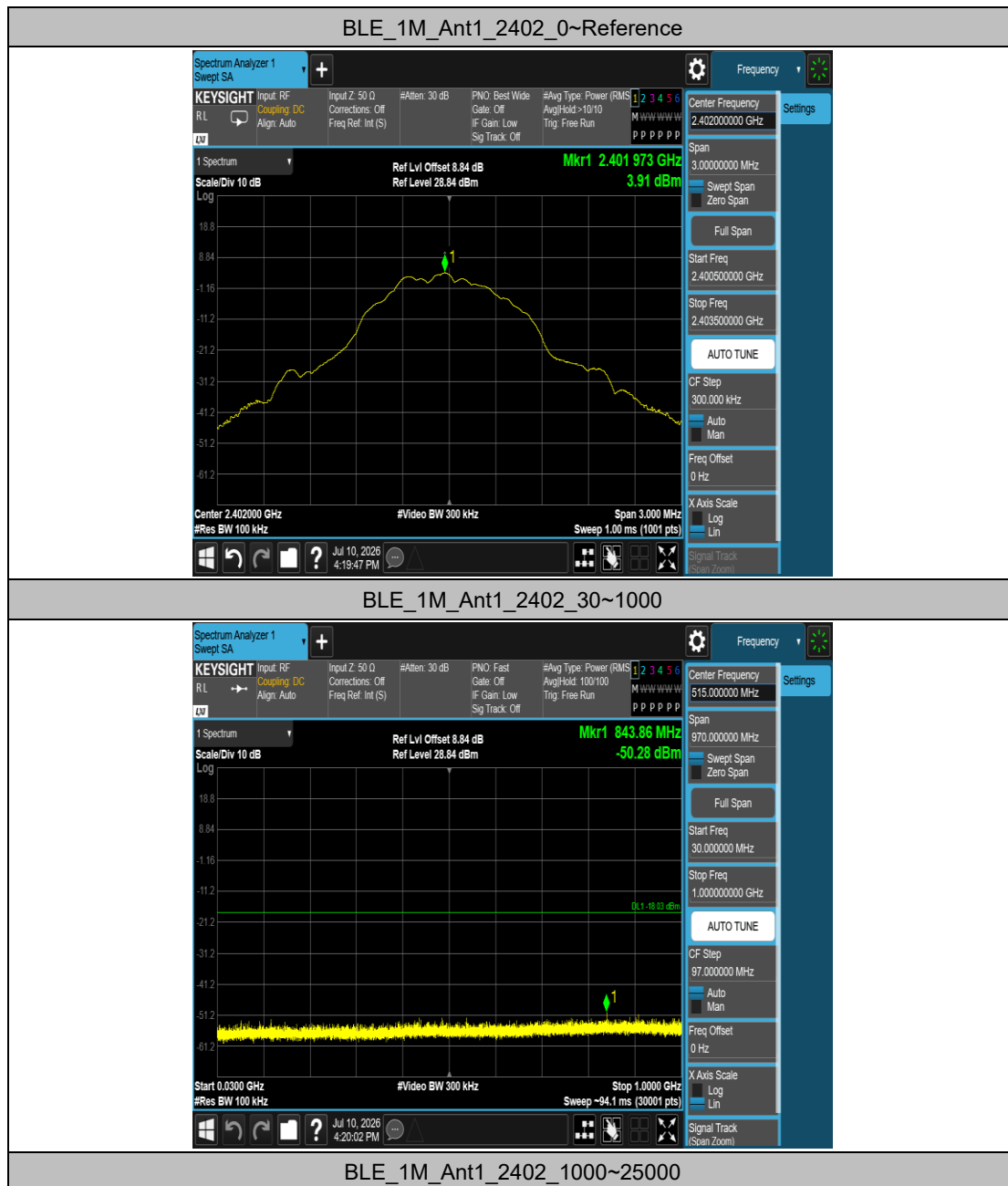


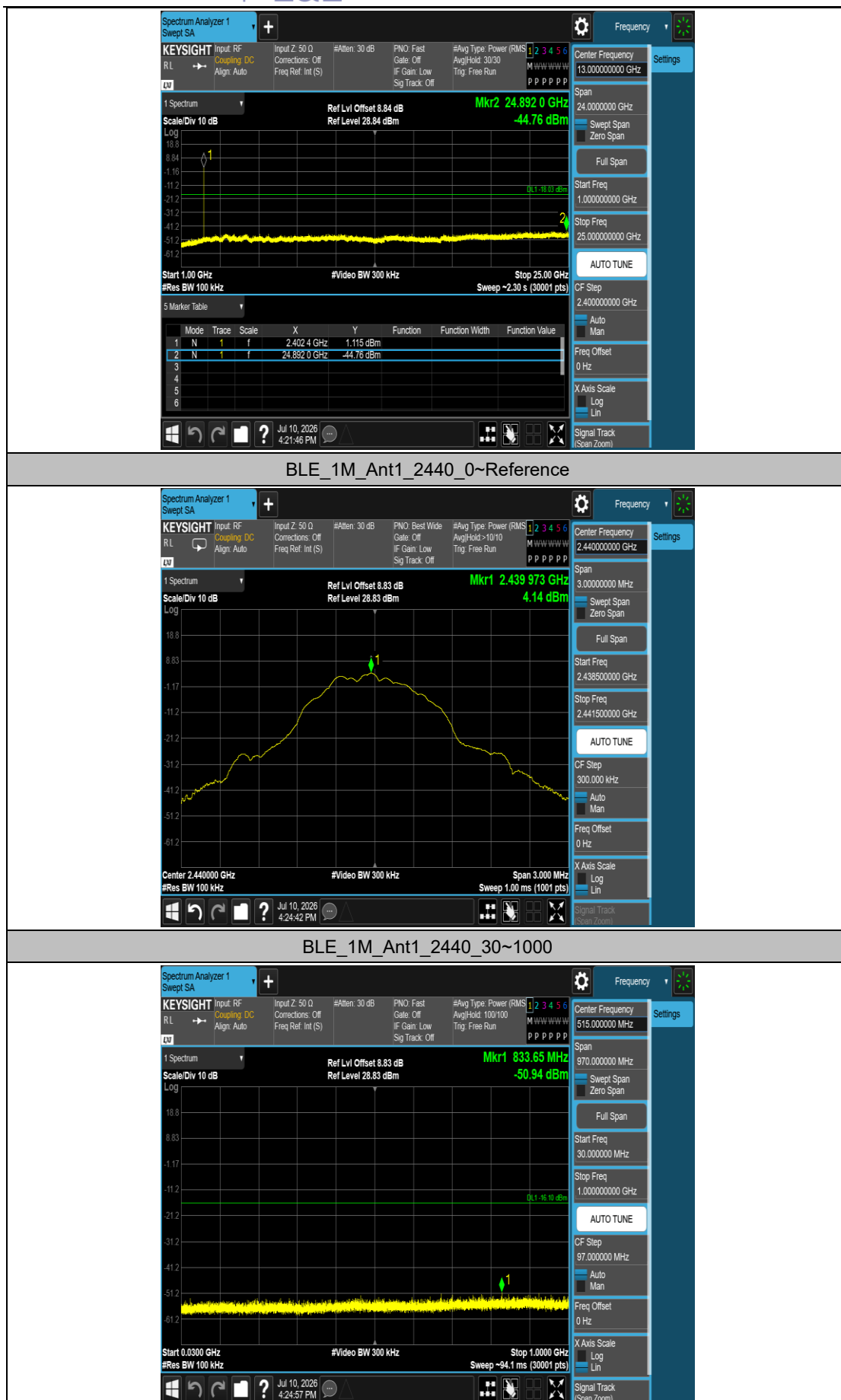
Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	1.97	1.97	---	PASS
			30~1000	1.97	-50.28	≤-18.03	PASS
			1000~25000	1.97	-44.76	≤-18.03	PASS
		2440	Reference	3.90	3.90	---	PASS
			30~1000	3.90	-50.94	≤-16.1	PASS
			1000~25000	3.90	-44.17	≤-16.1	PASS
		2480	Reference	4.41	4.41	---	PASS
			30~1000	4.41	-50.94	≤-15.59	PASS
			1000~25000	4.41	-44.62	≤-15.59	PASS
BLE_2M	Ant1	2402	Reference	-1.41	-1.41	---	PASS
			30~1000	-1.41	-51.03	≤-21.41	PASS
			1000~25000	-1.41	-44.17	≤-21.41	PASS
		2440	Reference	-0.01	-0.01	---	PASS
			30~1000	-0.01	-50.87	≤-20.01	PASS
			1000~25000	-0.01	-44.79	≤-20.01	PASS
		2480	Reference	-0.69	-0.69	---	PASS
			30~1000	-0.69	-50.67	≤-20.69	PASS
			1000~25000	-0.69	-43.94	≤-20.69	PASS

Test Graphs

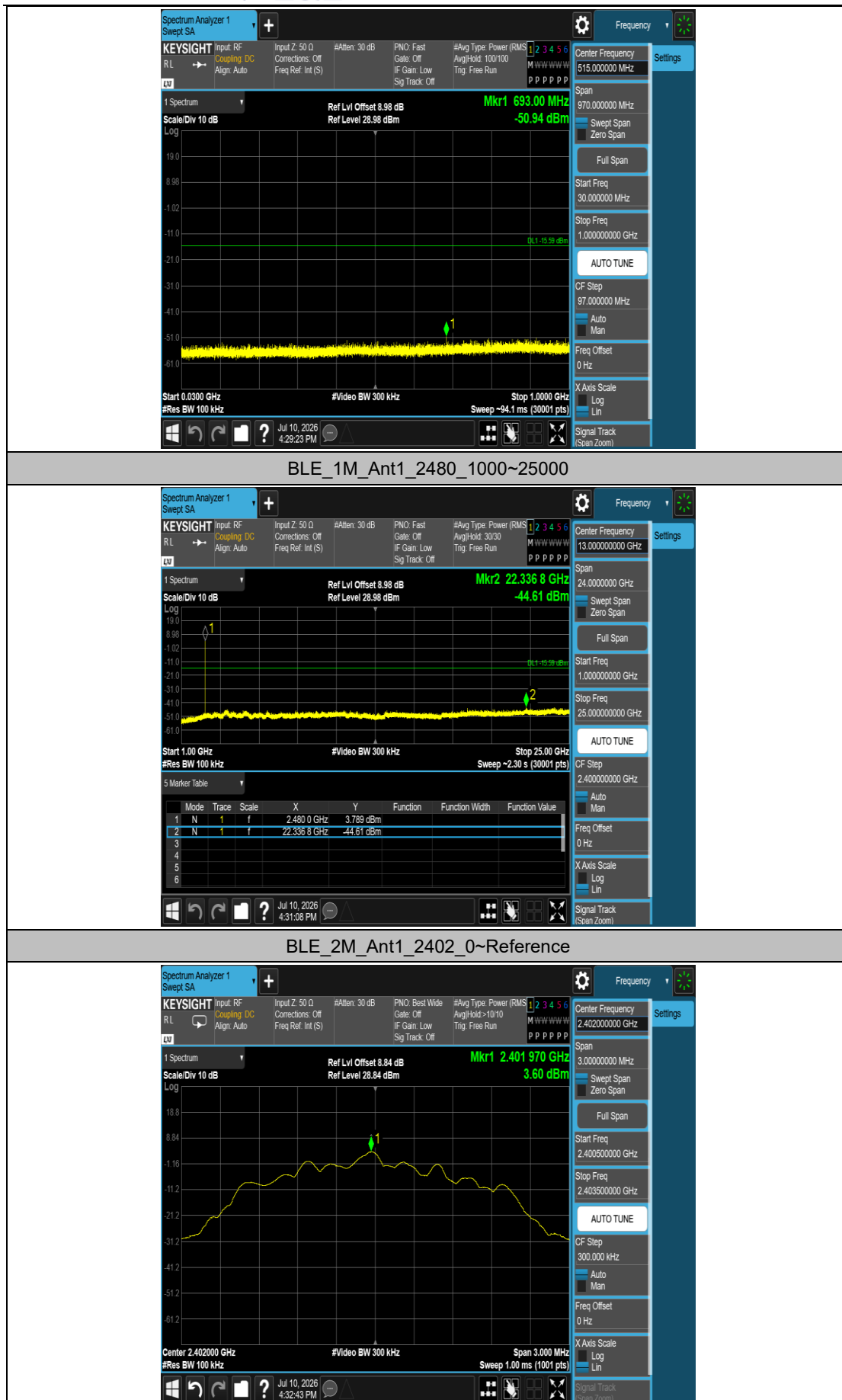


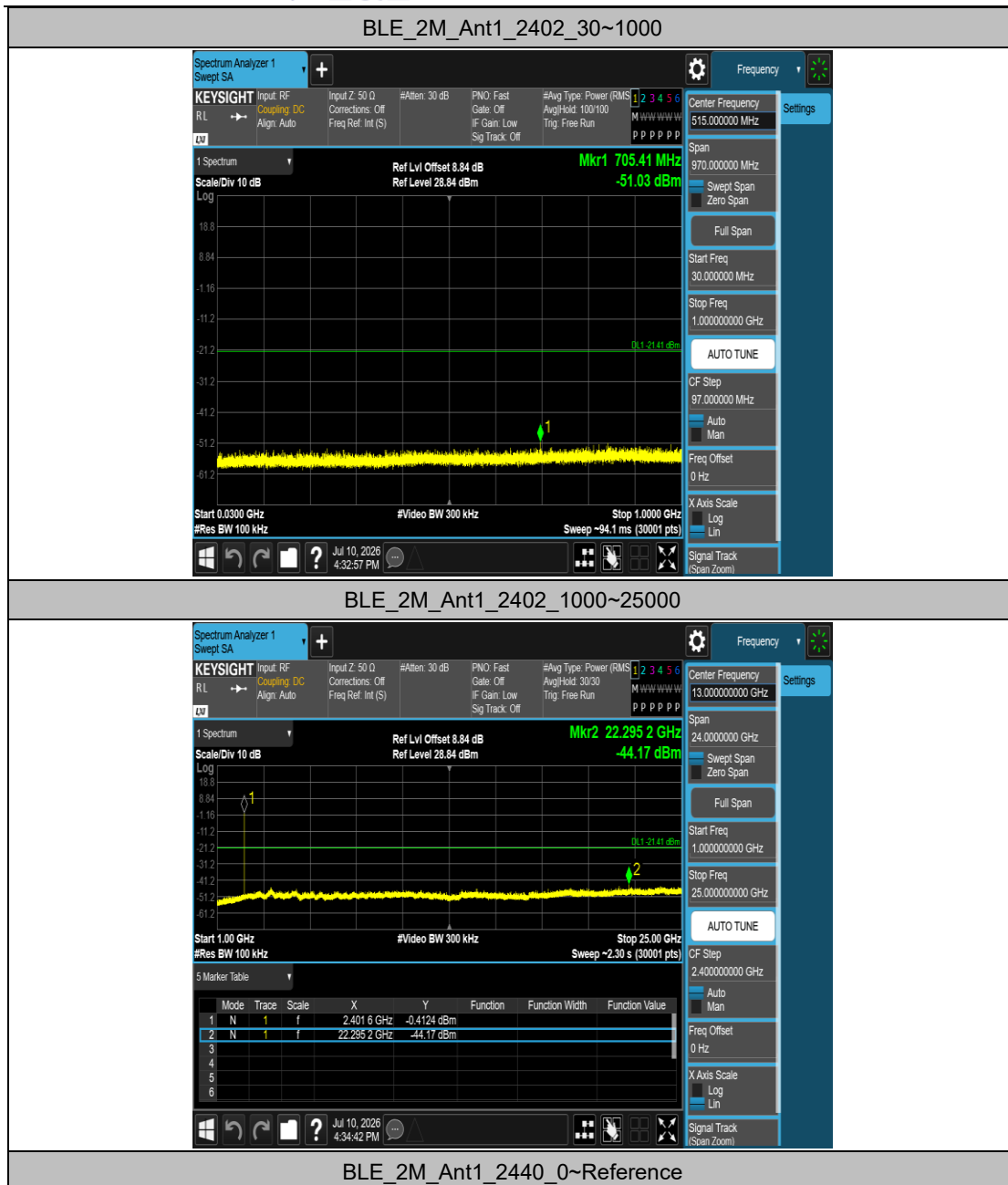


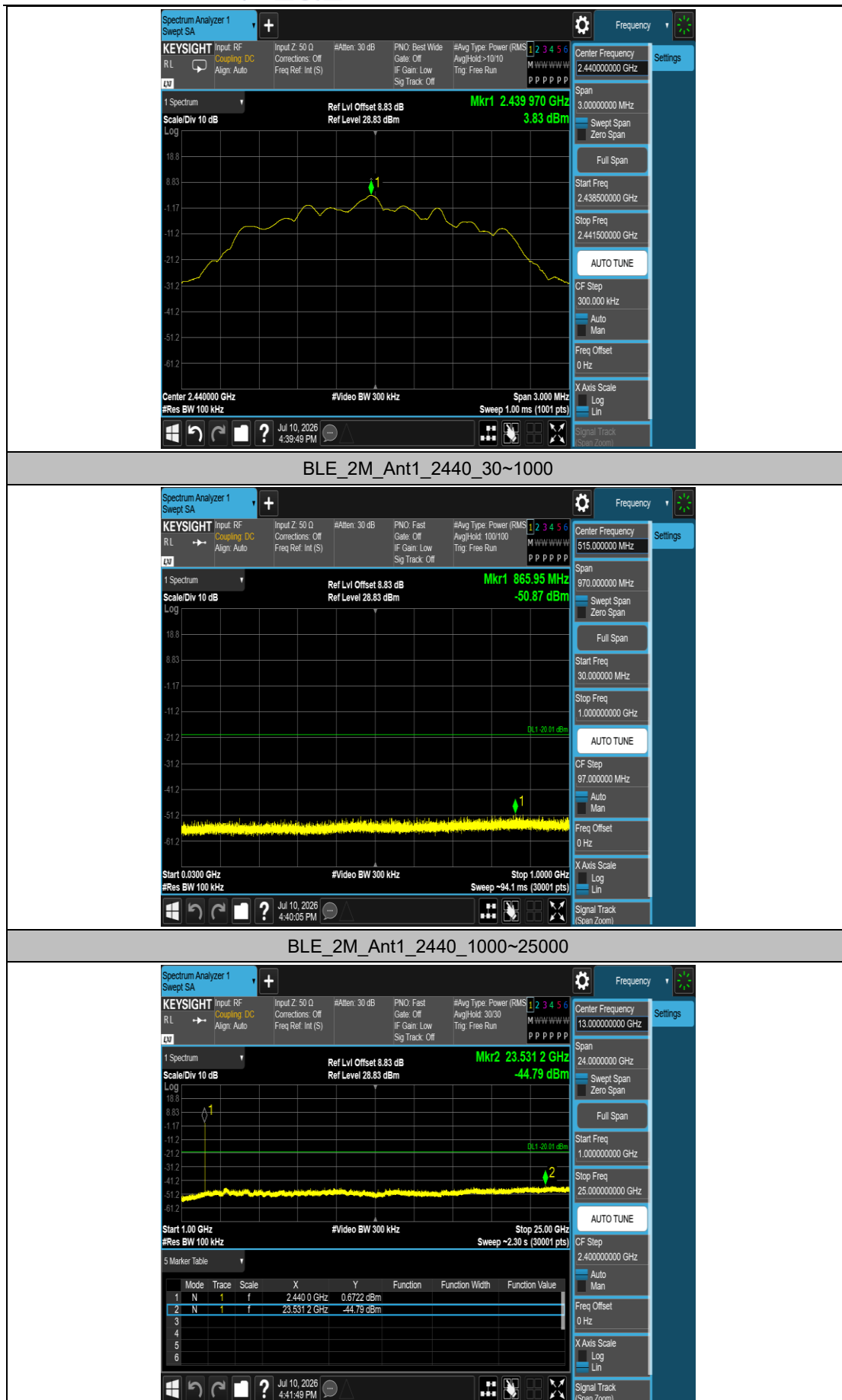
BLE_1M_Ant1_2440_1000~25000

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	0.30	0.93	0.3226	32.26
		2440	0.30	0.93	0.3226	32.26
		2480	0.30	0.93	0.3226	32.26
BLE_2M	Ant1	2402	0.15	0.92	0.1630	16.30
		2440	0.15	0.92	0.1630	16.30
		2480	0.15	0.93	0.1613	16.13