

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.672	2401.692	2402.364	0.5	PASS
		2440	0.668	2439.696	2440.364	0.5	PASS
		2480	0.668	2479.696	2480.364	0.5	PASS
BLE_2M	Ant1	2402	1.164	2401.448	2402.612	0.5	PASS
		2440	1.160	2439.452	2440.612	0.5	PASS
		2480	1.136	2479.464	2480.600	0.5	PASS

Test Graphs







Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0270	2401.5227	2402.5497	---	---
		2440	1.0250	2439.5243	2440.5493	---	---
		2480	1.0269	2479.5226	2480.5495	---	---
BLE_2M	Ant1	2402	2.0708	2401.0162	2403.0870	---	---
		2440	2.0634	2439.0193	2441.0827	---	---
		2480	2.0592	2479.0202	2481.0794	---	---

Test Graphs





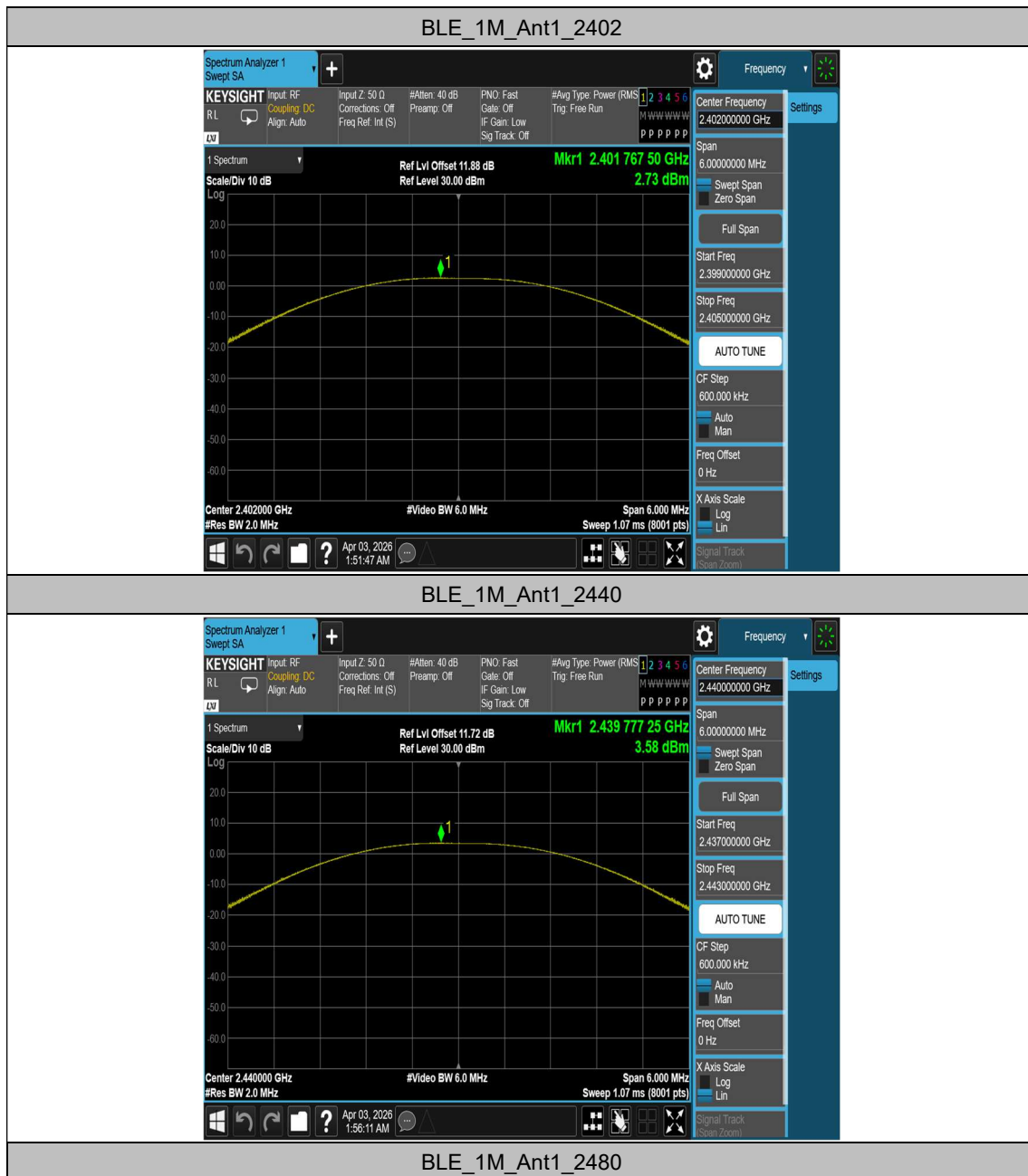


Appendix C: Maximum conducted output power

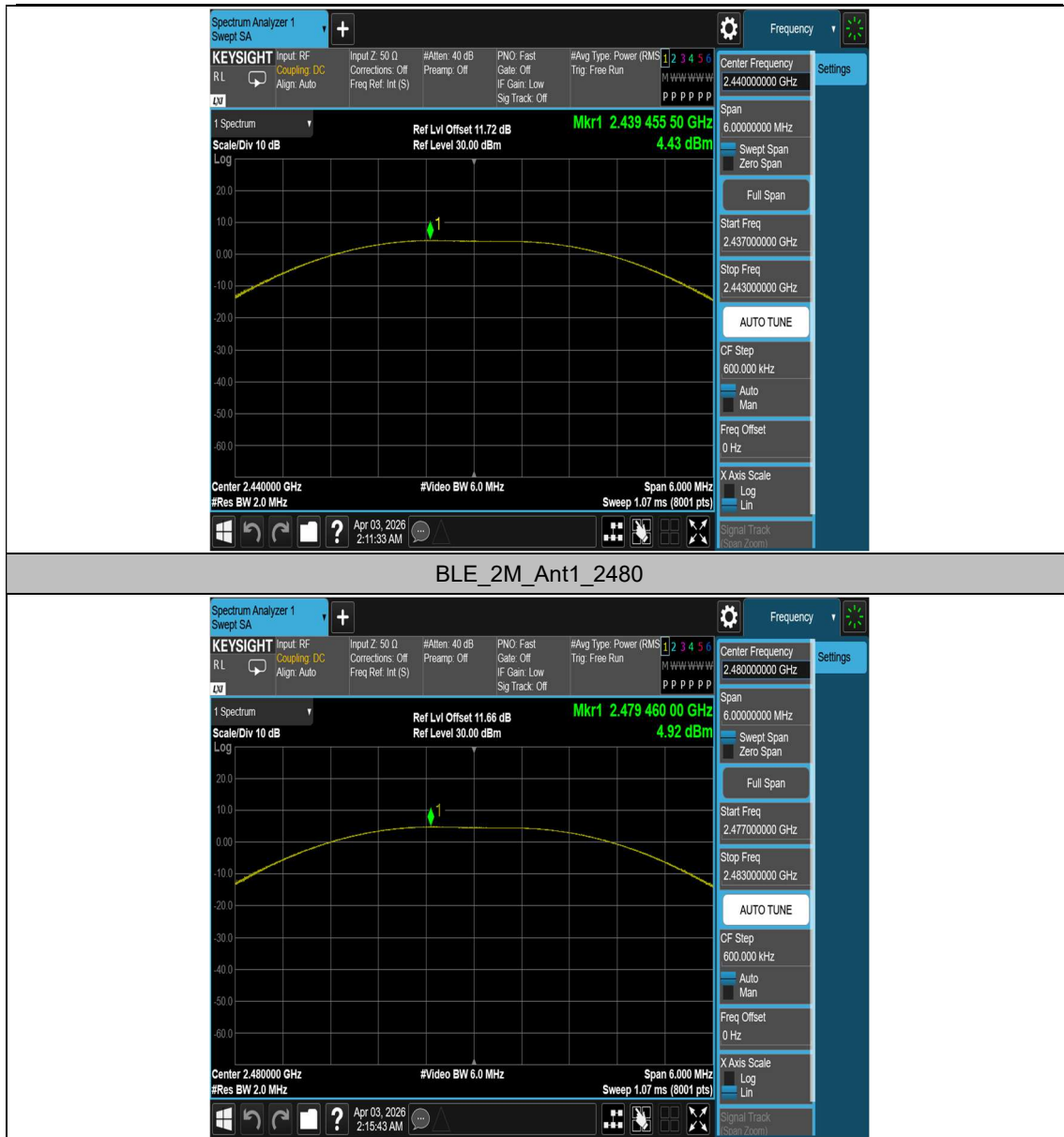
Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	EIRP[dBm]	EIRP Limit[dBm]	Verdict
BLE_1M	Ant1	2402	2.73	≤30	4.73	≤36	PASS
		2440	3.58	≤30	5.58	≤36	PASS
		2480	4.04	≤30	6.04	≤36	PASS
BLE_2M	Ant1	2402	2.91	≤30	4.91	≤36	PASS
		2440	4.43	≤30	6.43	≤36	PASS
		2480	4.92	≤30	6.92	≤36	PASS

Test Graphs Peak





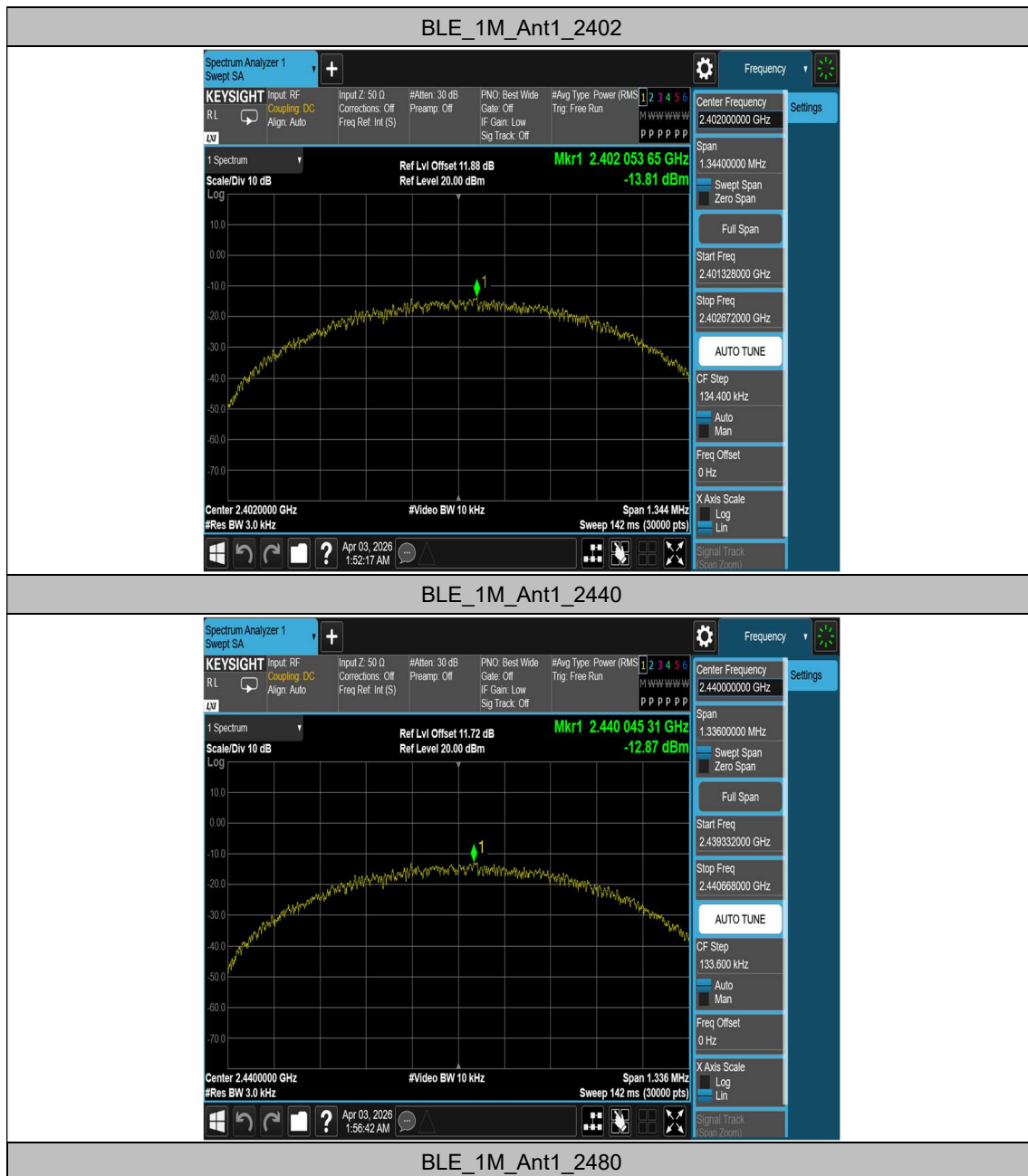


Appendix D: Maximum power spectral density

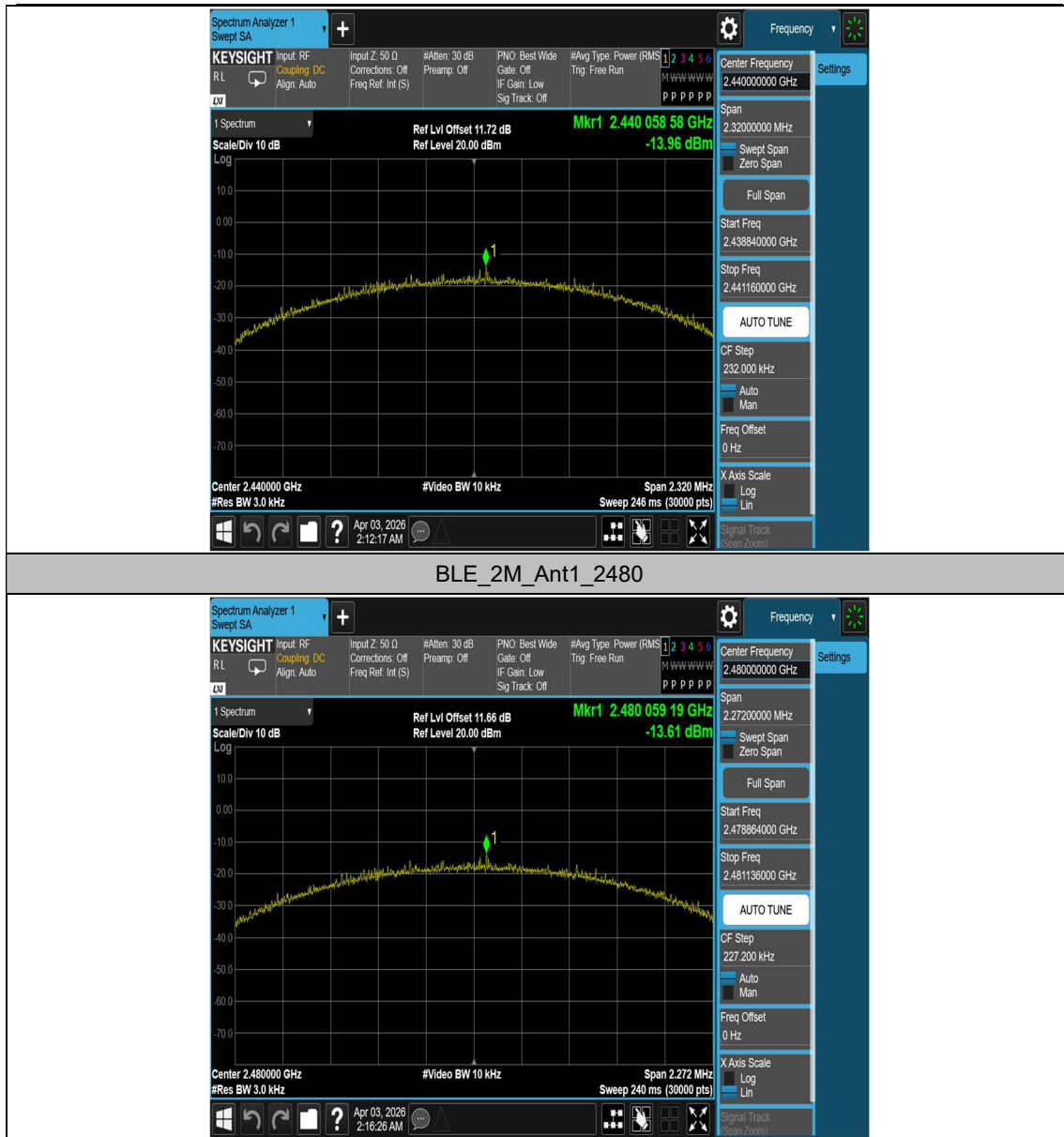
Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-13.81	≤8.00	PASS
		2440	-12.87	≤8.00	PASS
		2480	-12.37	≤8.00	PASS
BLE_2M	Ant1	2402	-15.49	≤8.00	PASS
		2440	-13.96	≤8.00	PASS
		2480	-13.61	≤8.00	PASS

Test Graphs





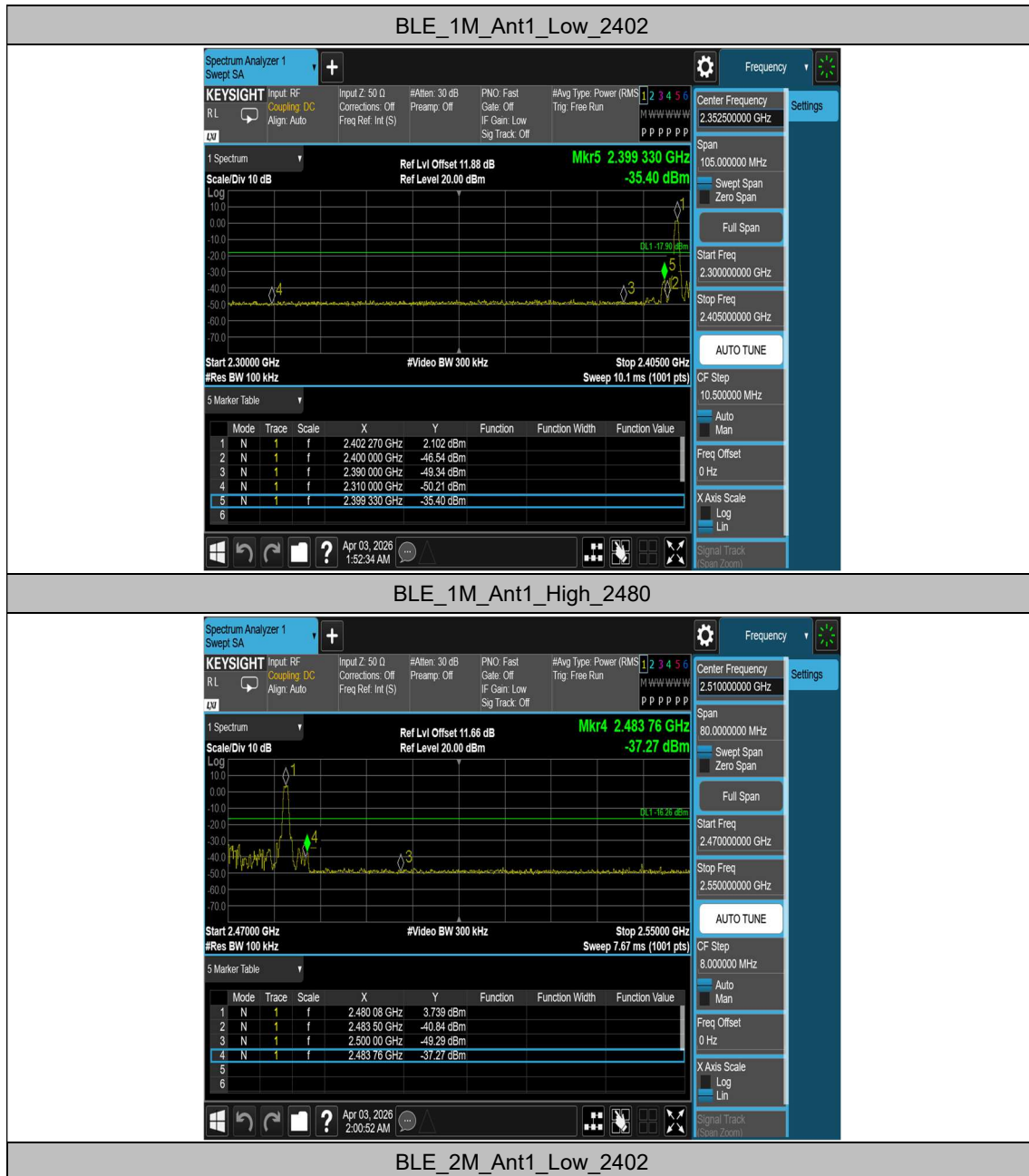


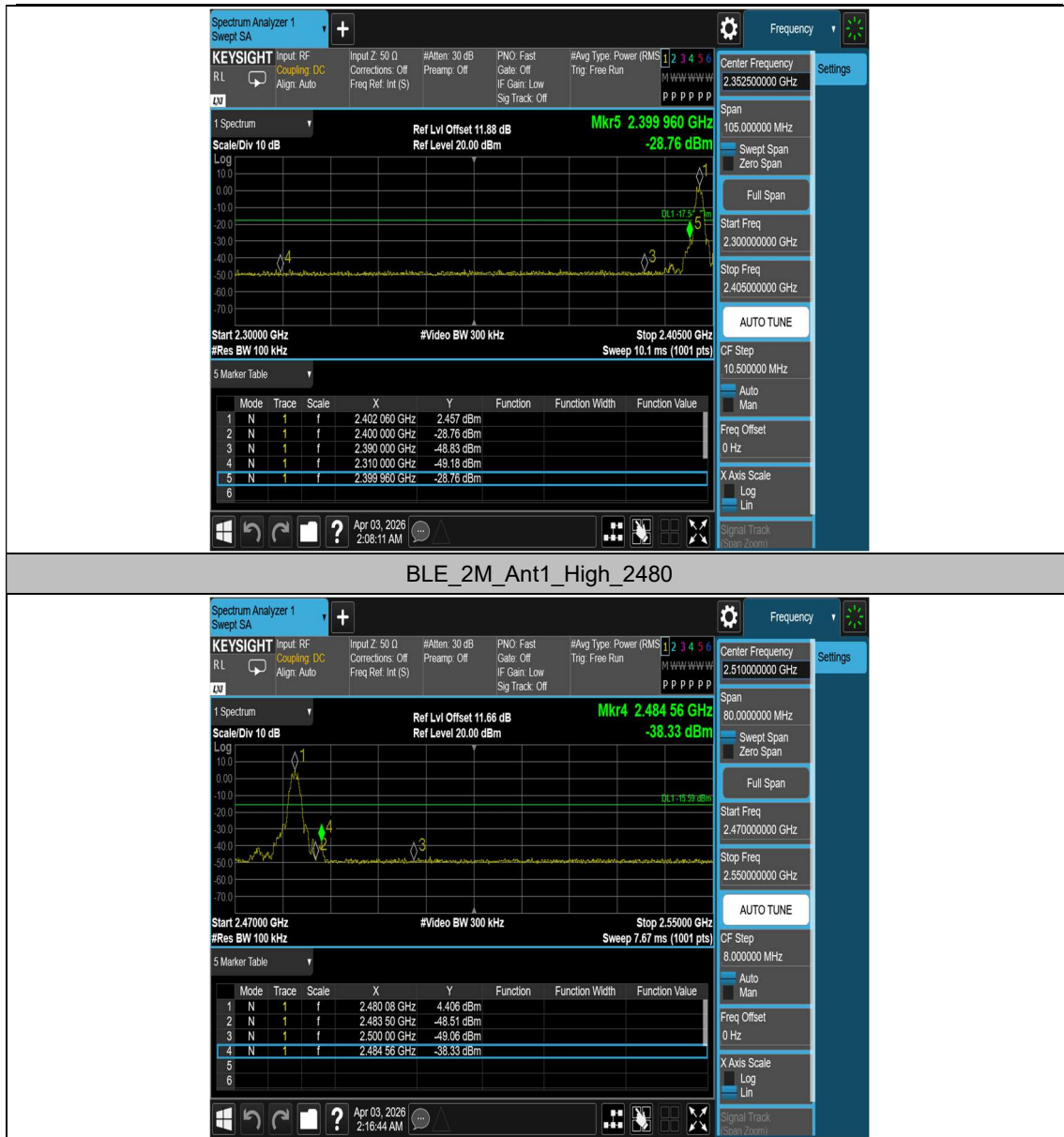
Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	2.10	-35.4	≤-17.9	PASS
		High	2480	3.74	-37.27	≤-16.26	PASS
BLE_2M	Ant1	Low	2402	2.46	-28.76	≤-17.54	PASS
		High	2480	4.41	-38.33	≤-15.59	PASS

Test Graphs



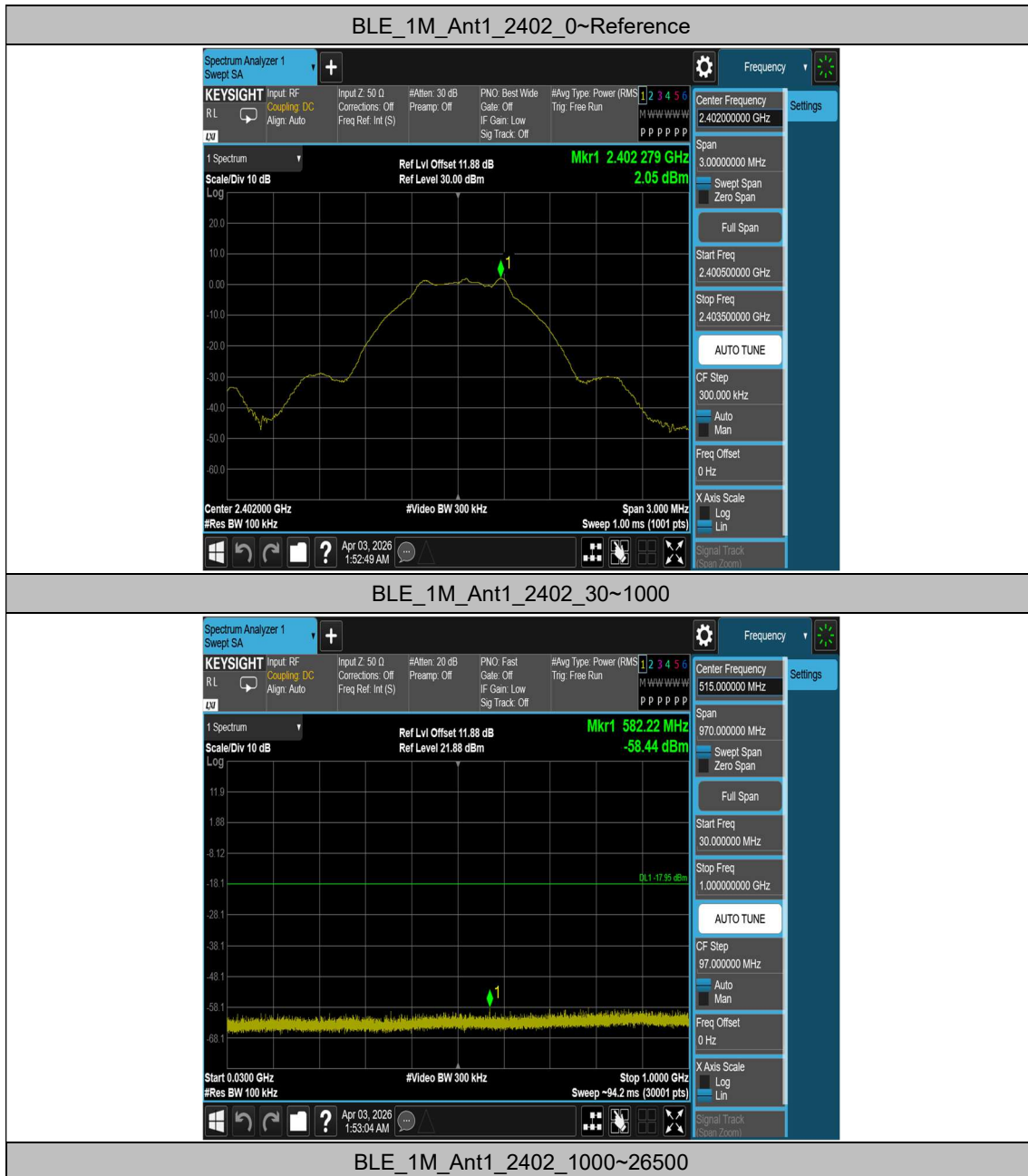


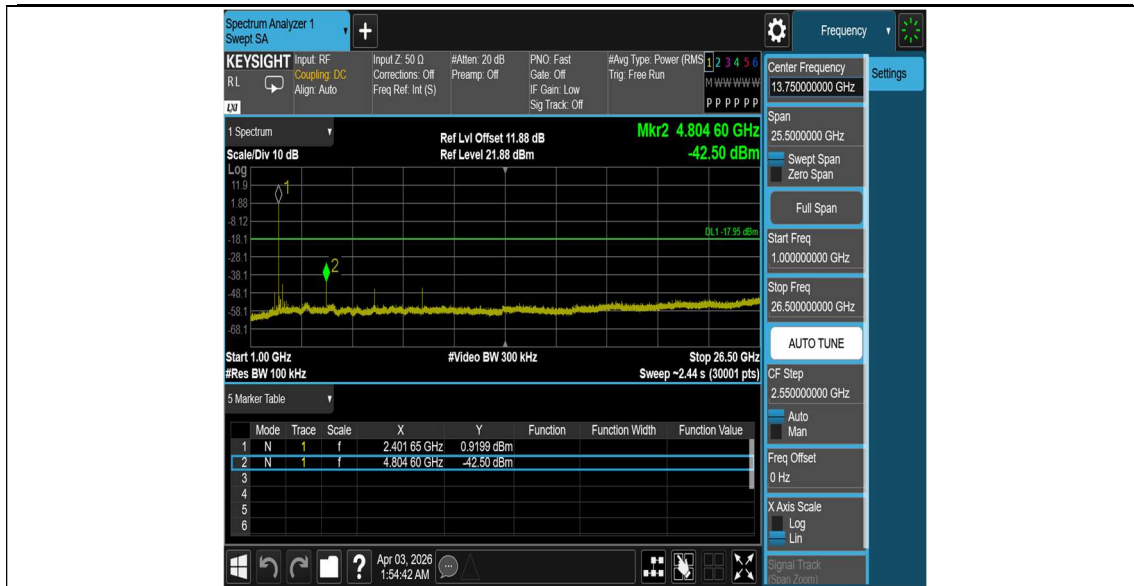
Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency [MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	2.05	2.05	---	PASS
			30~1000	2.05	-58.45	≤-17.95	PASS
			1000~26500	2.05	-42.5	≤-17.95	PASS
		2440	Reference	3.17	3.17	---	PASS
			30~1000	3.17	-58.6	≤-16.83	PASS
			1000~26500	3.17	-41.86	≤-16.83	PASS
		2480	Reference	3.60	3.60	---	PASS
			30~1000	3.60	-58.61	≤-16.4	PASS
			1000~26500	3.60	-41.29	≤-16.4	PASS
BLE_2M	Ant1	2402	Reference	2.51	2.51	---	PASS
			30~1000	2.51	-57.64	≤-17.49	PASS
			1000~26500	2.51	-42.59	≤-17.49	PASS
		2440	Reference	3.93	3.93	---	PASS
			30~1000	3.93	-58.99	≤-16.07	PASS
			1000~26500	3.93	-39.89	≤-16.07	PASS
		2480	Reference	4.31	4.31	---	PASS
			30~1000	4.31	-59.02	≤-15.69	PASS
			1000~26500	4.31	-43.11	≤-15.69	PASS

Test Graphs

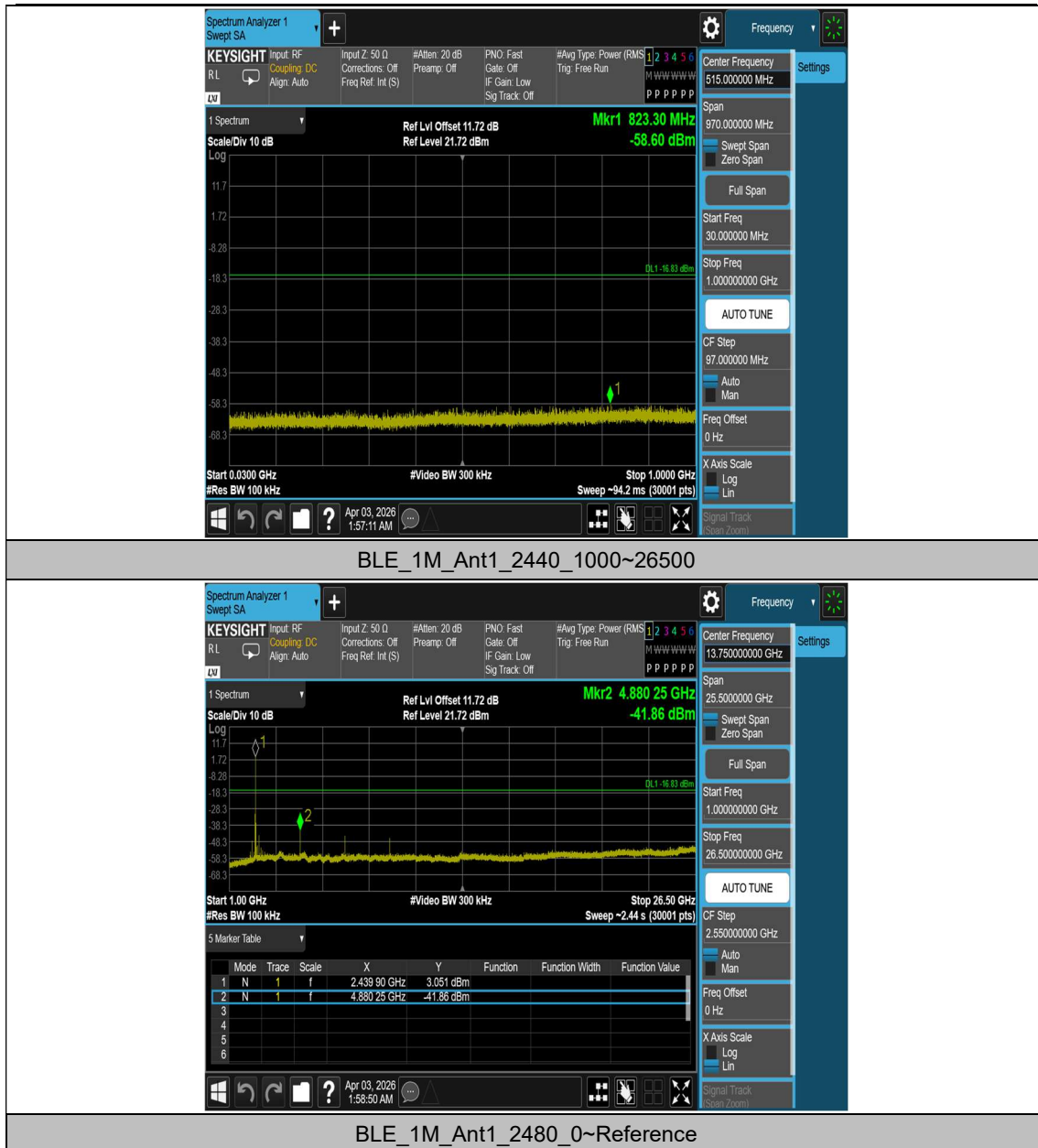




BLE_1M_Ant1_2440_0~Reference

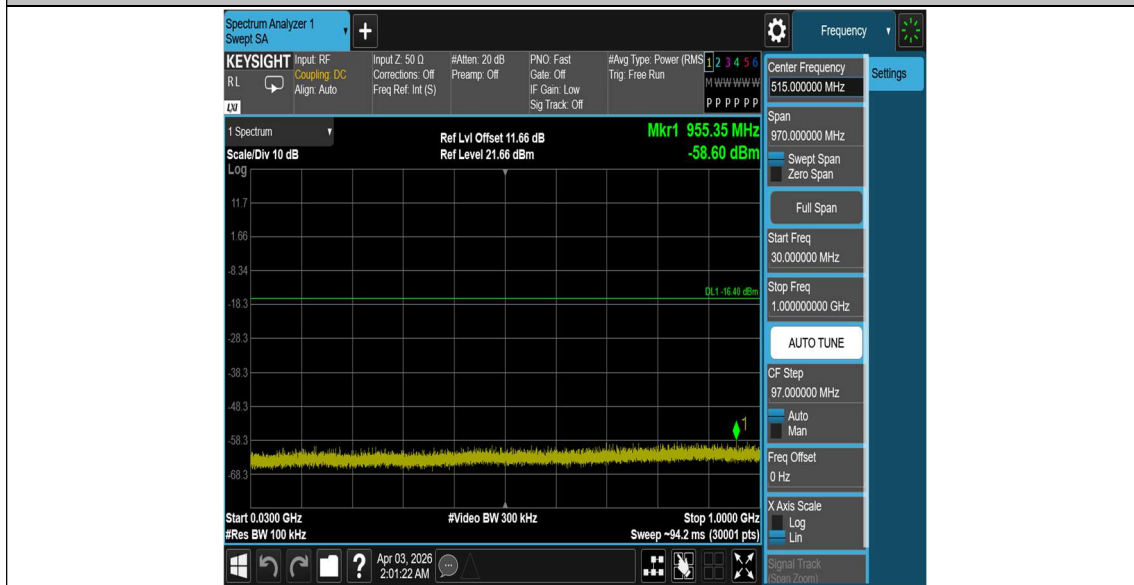


BLE_1M_Ant1_2440_30~1000





BLE_1M_Ant1_2480_30~1000



BLE_1M_Ant1_2480_1000~26500



BLE_2M_Ant1_2402_0~Reference



BLE_2M_Ant1_2402_30~1000