

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.676	2401.696	2402.372	0.5	PASS
		2440	0.668	2439.692	2440.360	0.5	PASS
		2480	0.664	2479.700	2480.364	0.5	PASS
BLE_2M	Ant1	2402	1.156	2401.456	2402.612	0.5	PASS
		2440	1.136	2439.460	2440.596	0.5	PASS
		2480	1.164	2479.452	2480.616	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	1.0284	2401.5227	2402.5511	---	---
		2440	1.0269	2439.5232	2440.5501	---	---
		2480	1.0264	2479.5229	2480.5493	---	---
BLE_2M	Ant1	2402	2.0722	2401.0145	2403.0867	---	---
		2440	2.0606	2439.0212	2441.0818	---	---
		2480	2.0587	2479.0211	2481.0798	---	---

Test Graphs





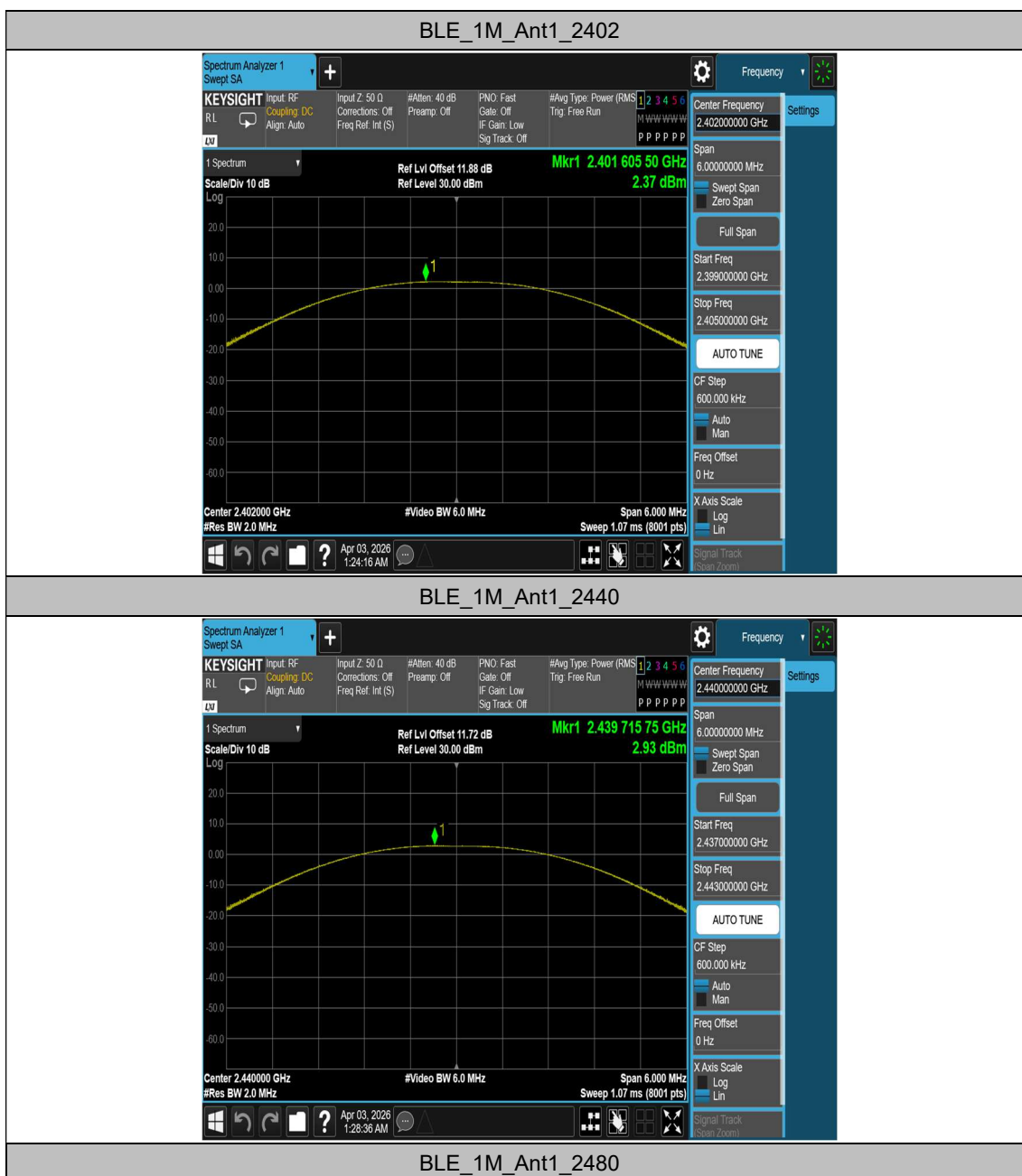


Appendix C: Maximum conducted output power

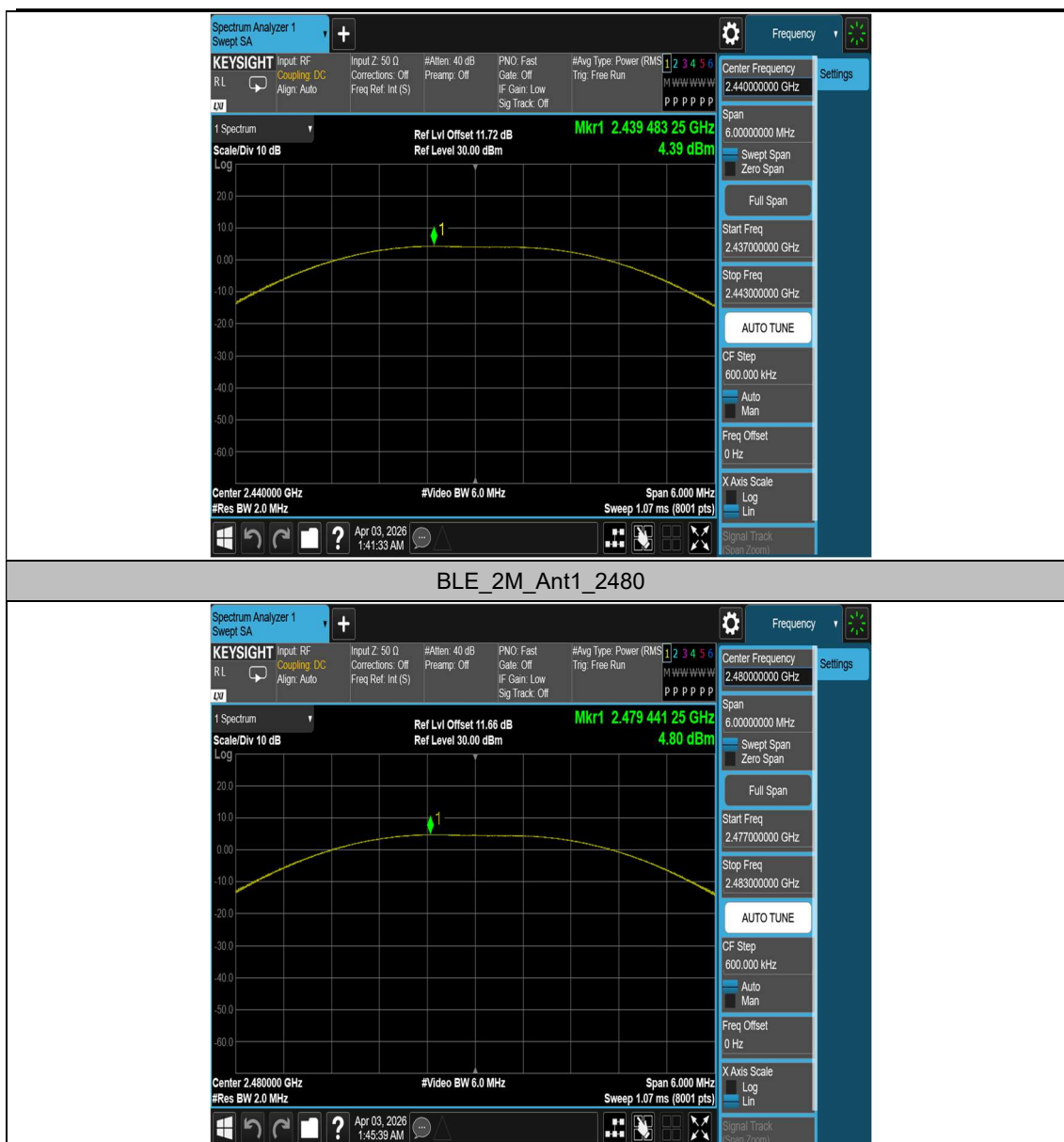
Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Gain [dBi]	EIRP[dBm]	EIRP Limit[dBm]	Verdict
BLE_1M	Ant1	2402	2.37	≤30	1.95	4.32	≤36	PASS
		2440	2.93	≤30	1.95	4.88	≤36	PASS
		2480	3.60	≤30	1.95	5.55	≤36	PASS
BLE_2M	Ant1	2402	2.38	≤30	1.95	4.33	≤36	PASS
		2440	4.39	≤30	1.95	6.34	≤36	PASS
		2480	4.80	≤30	1.95	6.75	≤36	PASS

Test Graphs Peak





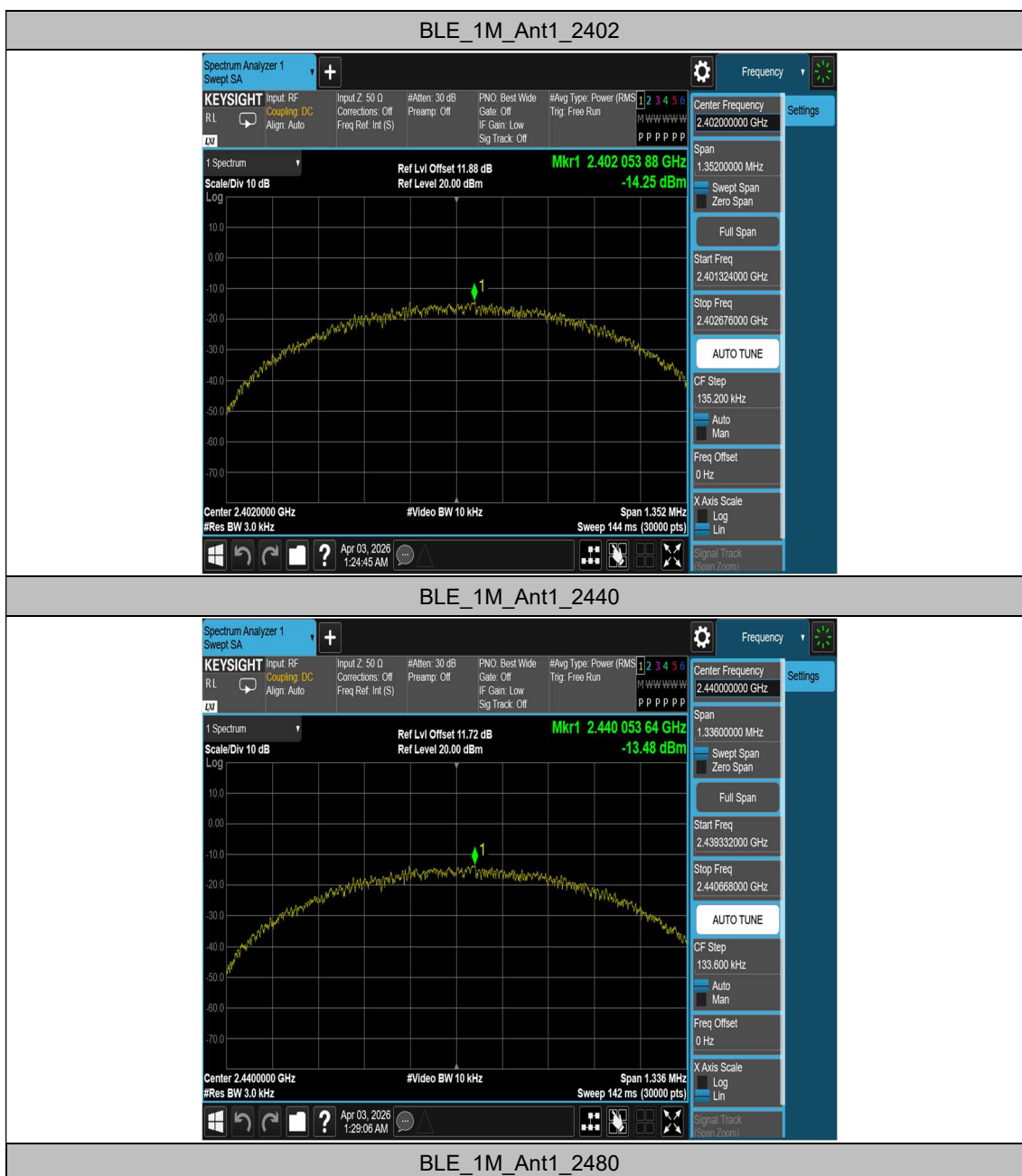


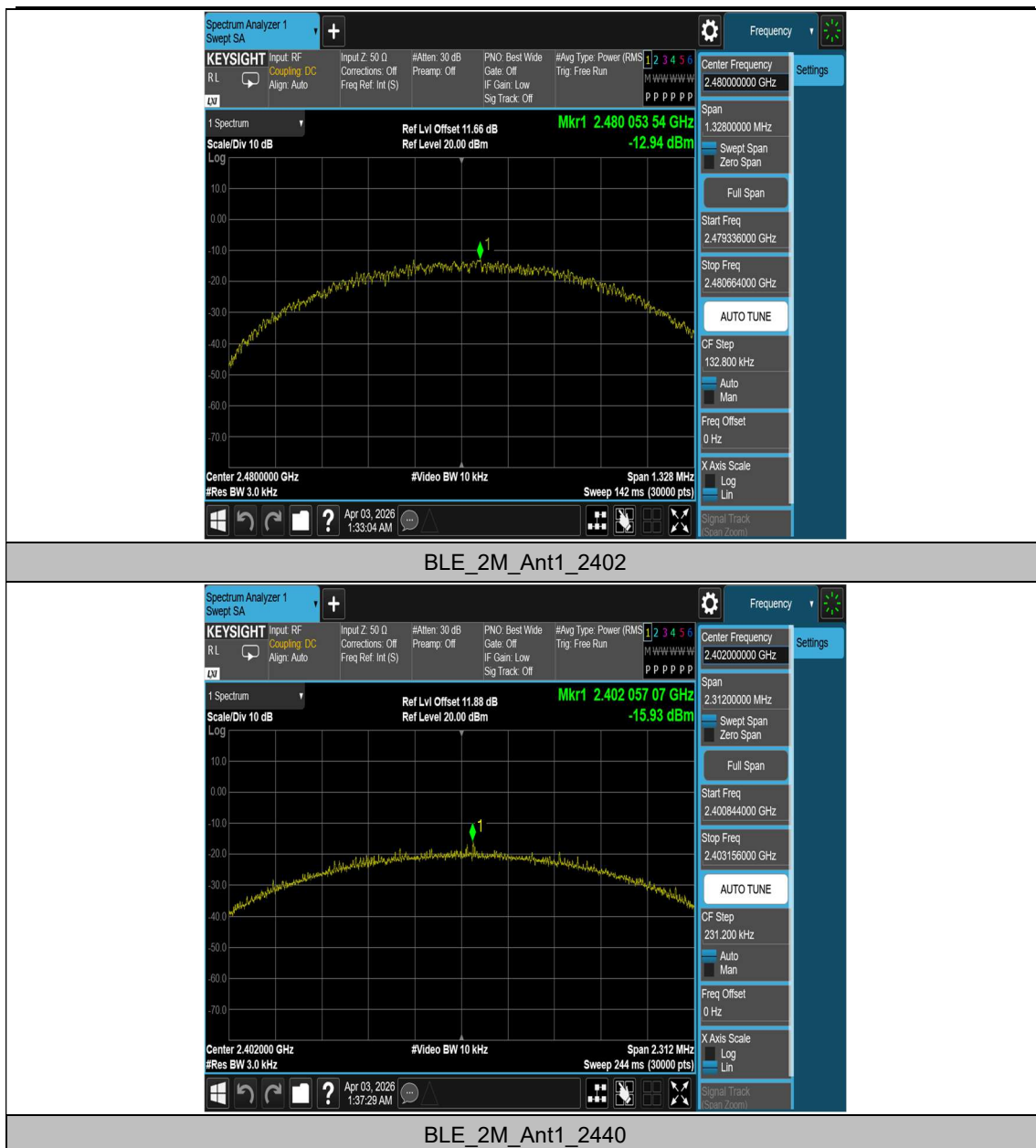
Appendix D: Maximum power spectral density

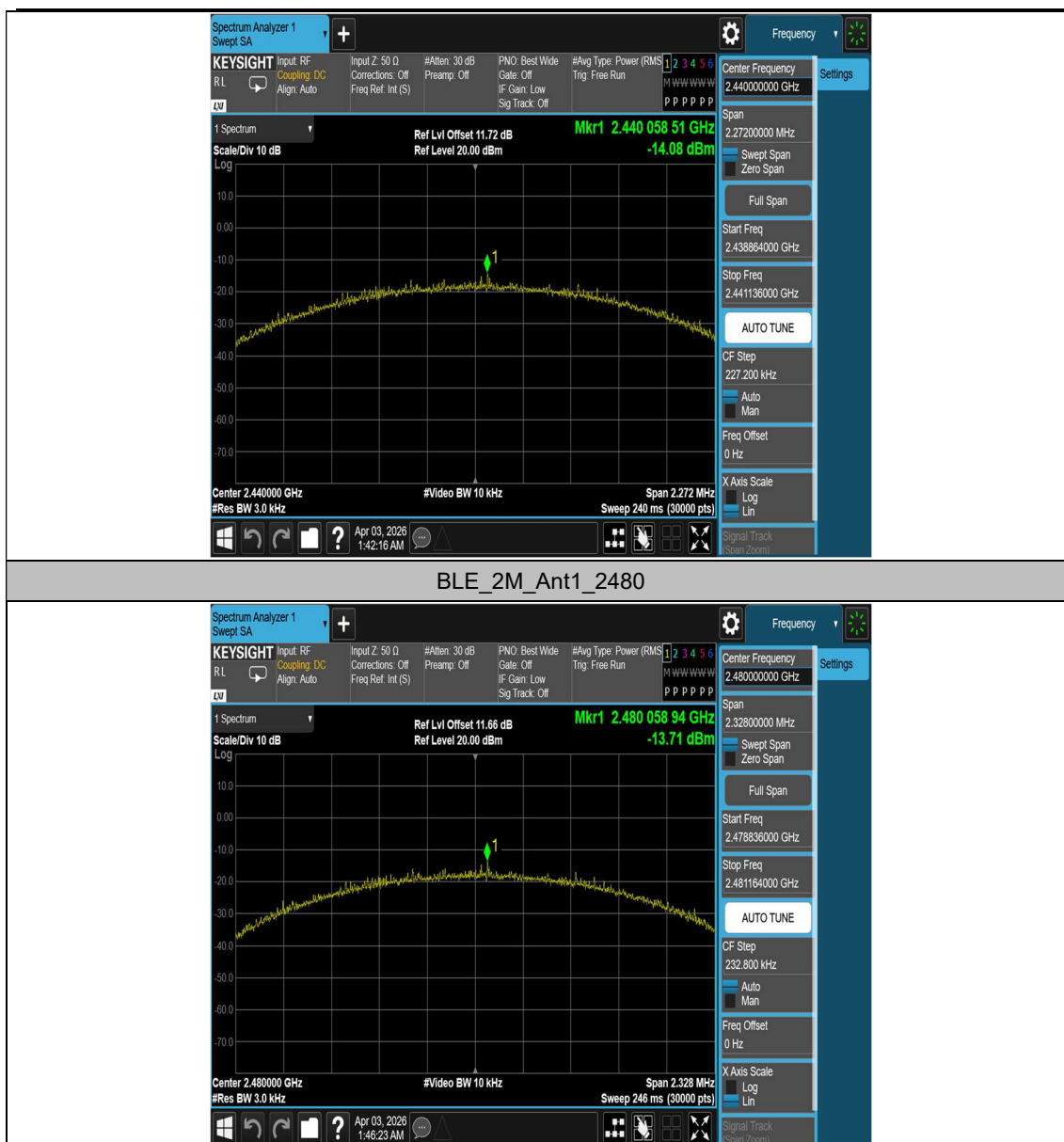
Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-14.25	≤8.00	PASS
		2440	-13.48	≤8.00	PASS
		2480	-12.94	≤8.00	PASS
BLE_2M	Ant1	2402	-15.93	≤8.00	PASS
		2440	-14.08	≤8.00	PASS
		2480	-13.71	≤8.00	PASS

Test Graphs





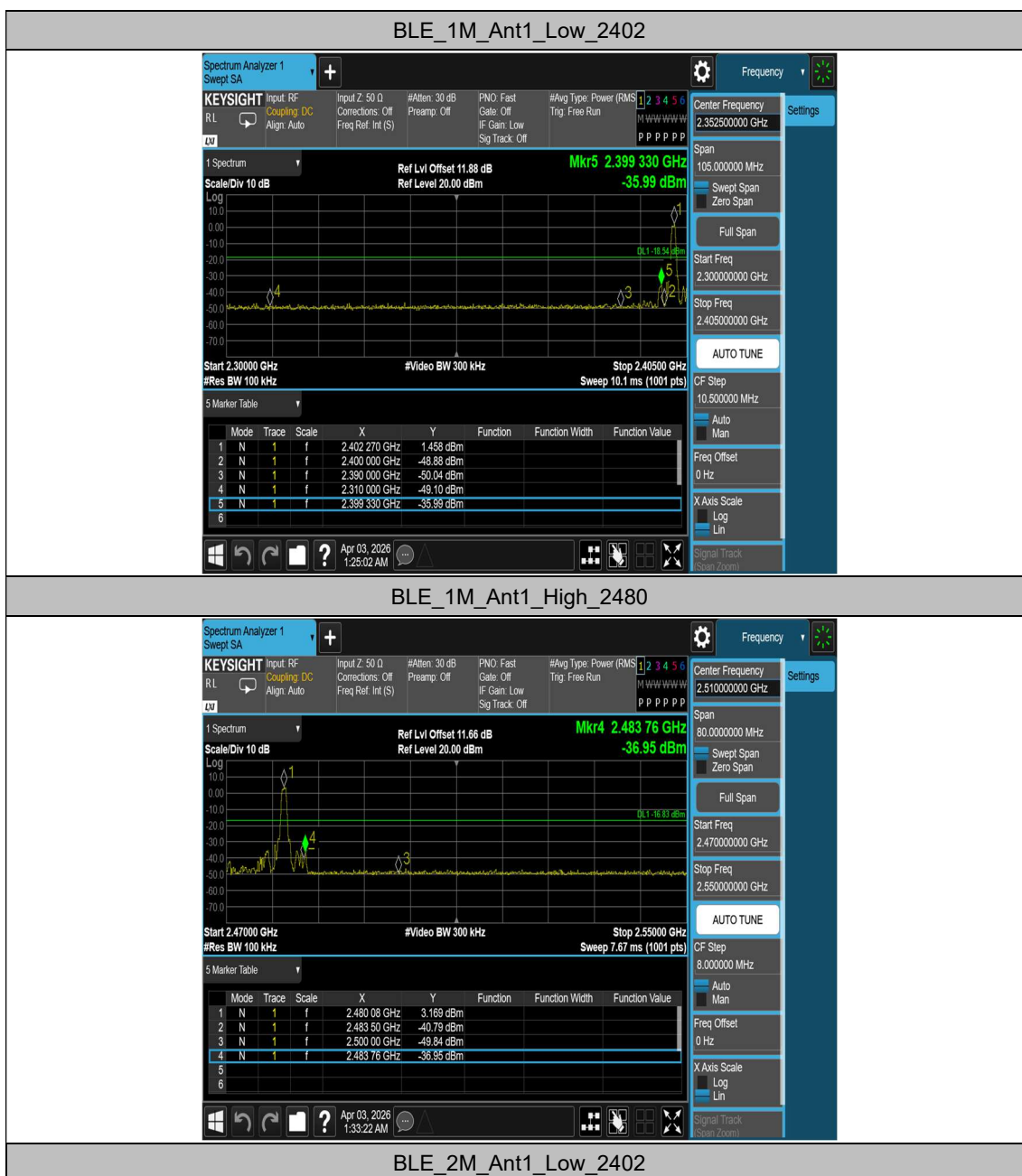


Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	1.46	-35.99	≤-18.54	PASS
		High	2480	3.17	-36.95	≤-16.83	PASS
BLE_2M	Ant1	Low	2402	1.41	-28.92	≤-18.59	PASS
		High	2480	3.83	-38.45	≤-16.17	PASS

Test Graphs



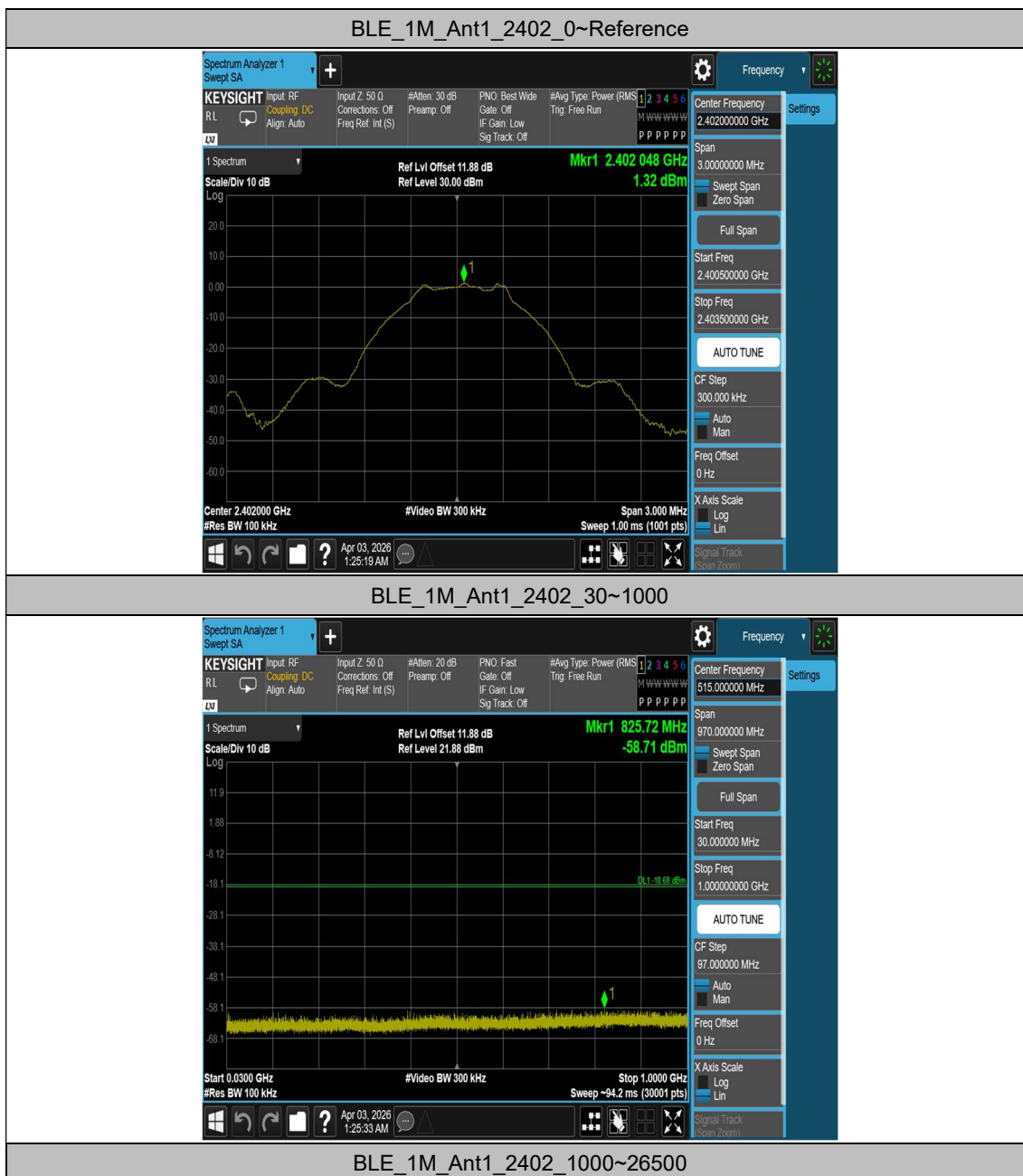


Appendix G: Conducted Spurious Emission

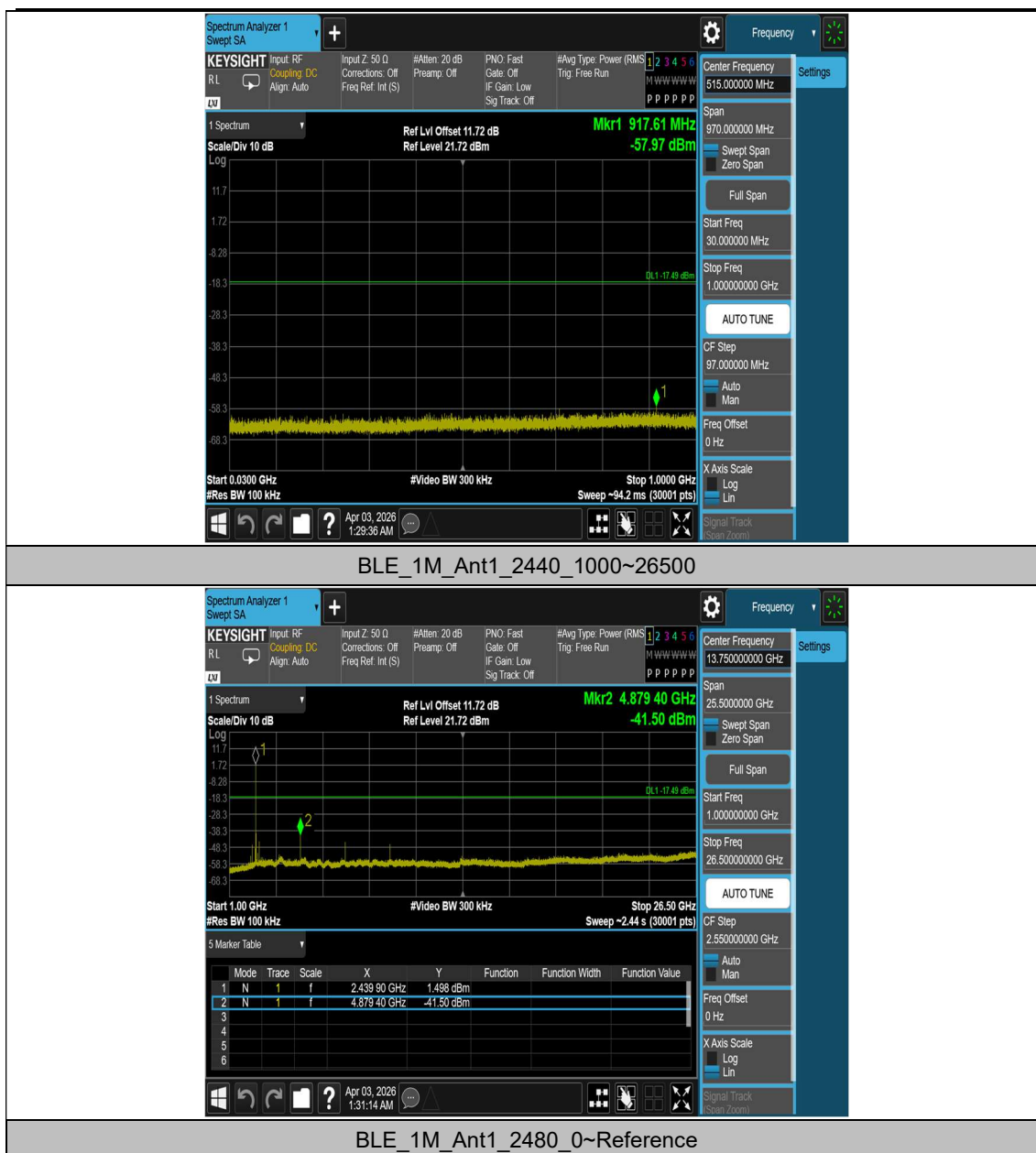
Test Result

TestMode	Antenna	Frequency [MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	1.32	1.32	---	PASS
			30~1000	1.32	-58.71	≤-18.68	PASS
			1000~26500	1.32	-41.58	≤-18.68	PASS
		2440	Reference	2.51	2.51	---	PASS
			30~1000	2.51	-57.97	≤-17.49	PASS
			1000~26500	2.51	-41.51	≤-17.49	PASS
		2480	Reference	3.11	3.11	---	PASS
			30~1000	3.11	-58.09	≤-16.89	PASS
			1000~26500	3.11	-41.41	≤-16.89	PASS
BLE_2M	Ant1	2402	Reference	2.12	2.12	---	PASS
			30~1000	2.12	-59.03	≤-17.88	PASS
			1000~26500	2.12	-42.14	≤-17.88	PASS
		2440	Reference	3.83	3.83	---	PASS
			30~1000	3.83	-58.28	≤-16.17	PASS
			1000~26500	3.83	-41.06	≤-16.17	PASS
		2480	Reference	4.21	4.21	---	PASS
			30~1000	4.21	-57.99	≤-15.79	PASS
			1000~26500	4.21	-40.76	≤-15.79	PASS

Test Graphs

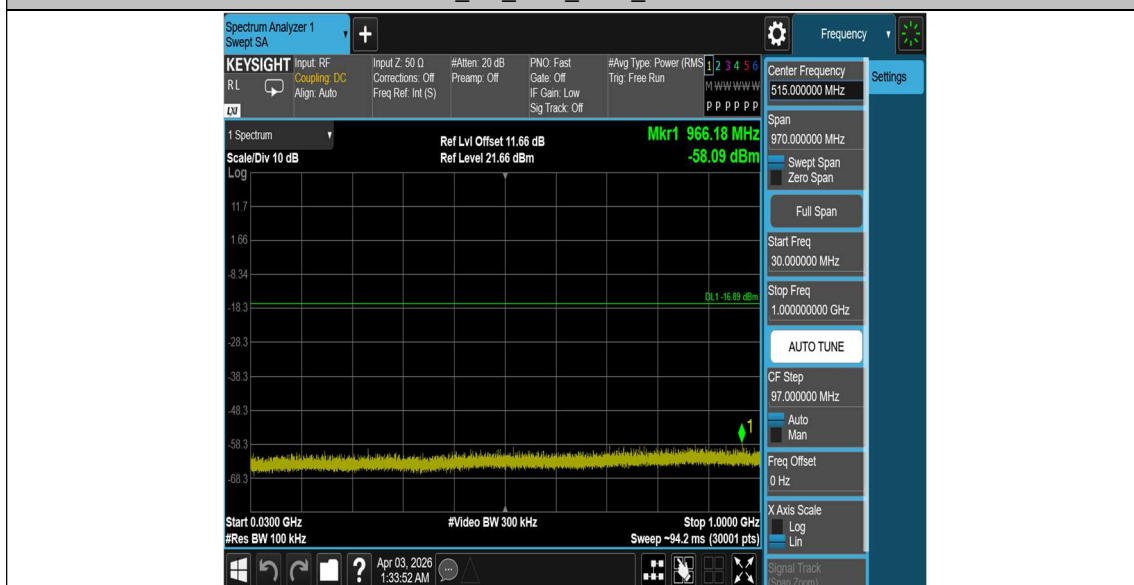








BLE_1M_Ant1_2480_30~1000



BLE_1M_Ant1_2480_1000~26500

