

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.668	2401.676	2402.344	0.5	PASS
		2440	0.668	2439.672	2440.340	0.5	PASS
		2480	0.664	2479.676	2480.340	0.5	PASS
BLE_2M	Ant1	2402	1.128	2401.464	2402.592	0.5	PASS
		2440	1.124	2439.468	2440.592	0.5	PASS
		2480	1.132	2479.460	2480.592	0.5	PASS

Test Graphs







Appendix B: Occupied Channel Bandwidth

Test Result

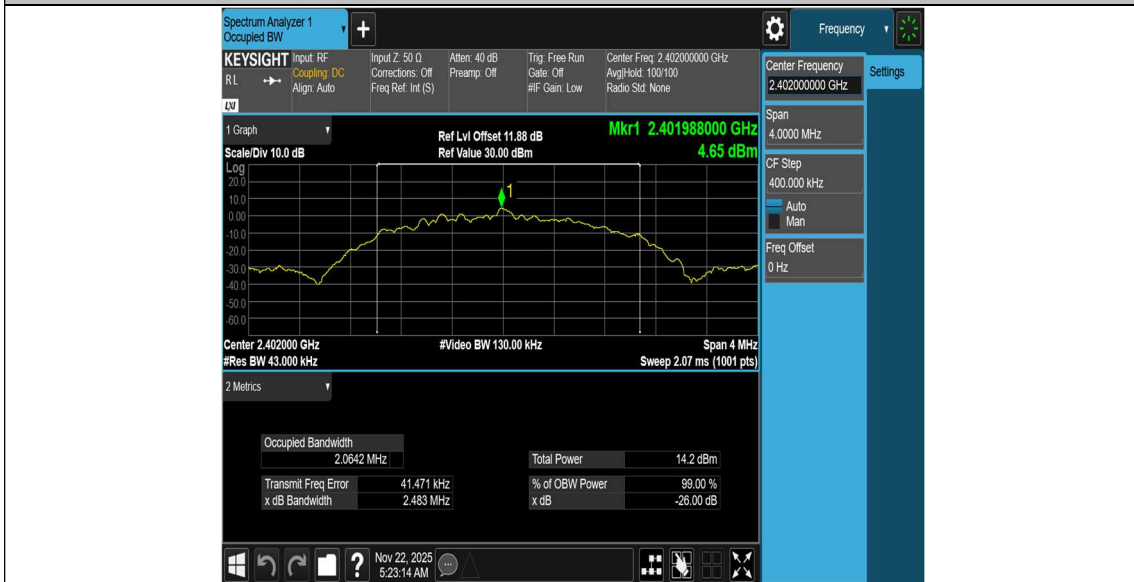
TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0188	2401.5071	2402.5259	---	---
		2440	1.0268	2439.5031	2440.5299	---	---
		2480	1.0250	2479.5029	2480.5279	---	---
BLE_2M	Ant1	2402	2.0642	2401.0094	2403.0736	---	---
		2440	2.0628	2439.0105	2441.0733	---	---
		2480	2.0630	2479.0090	2481.0720	---	---

Test Graphs

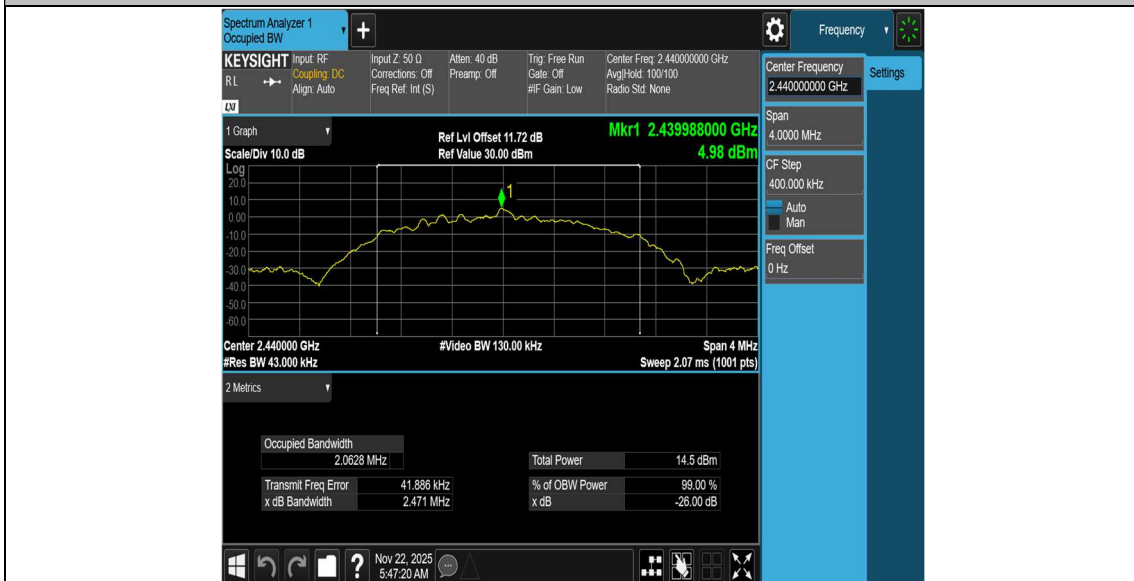




BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



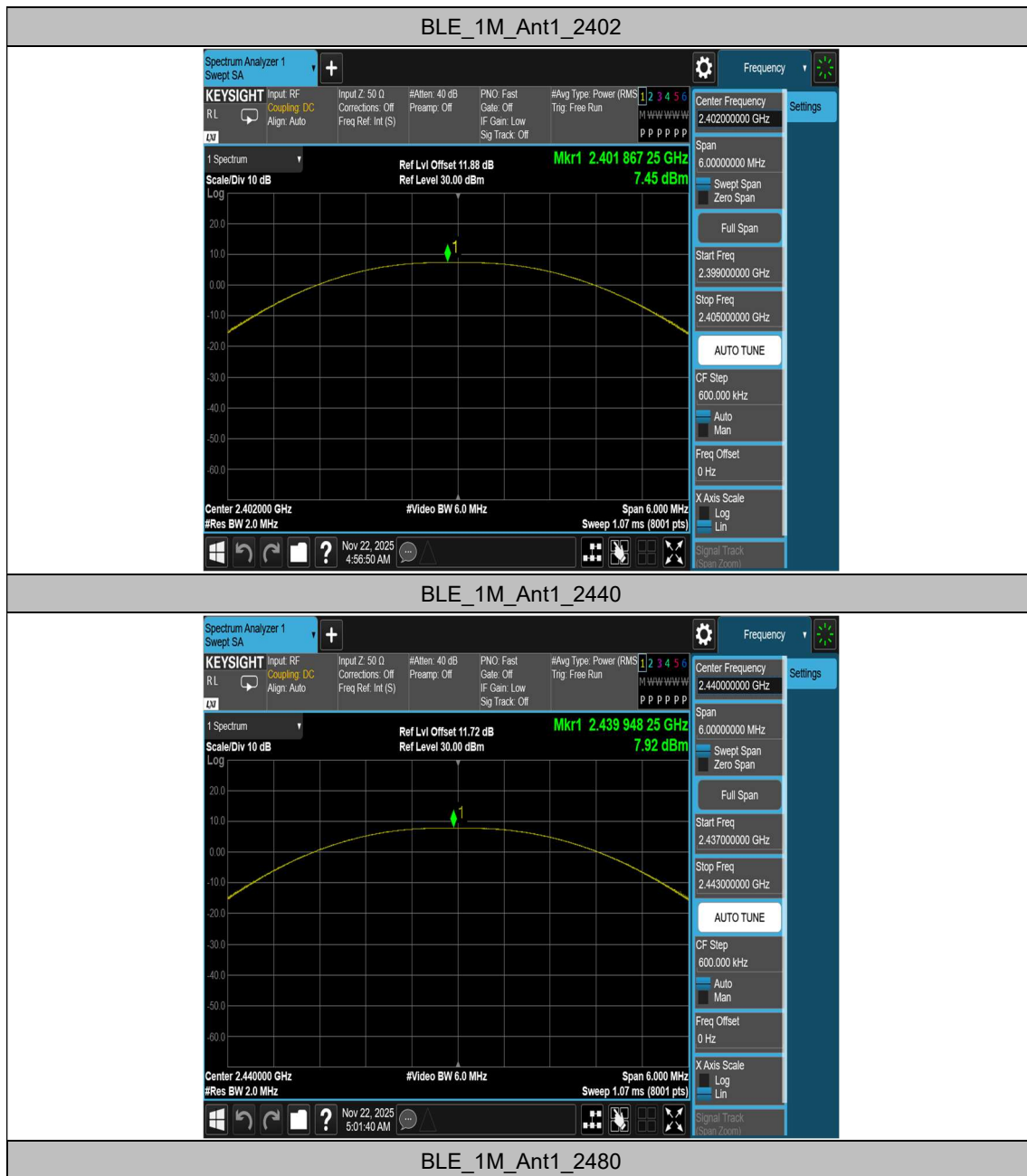


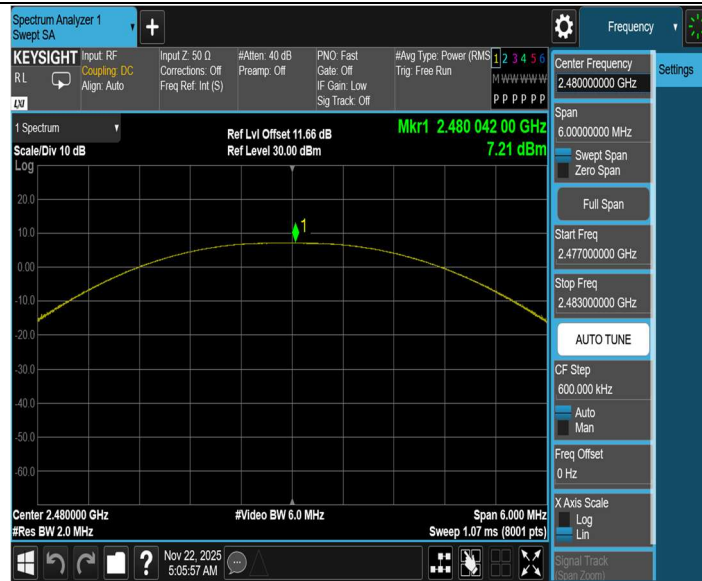
Appendix C: Maximum conducted output power

Test Result Peak

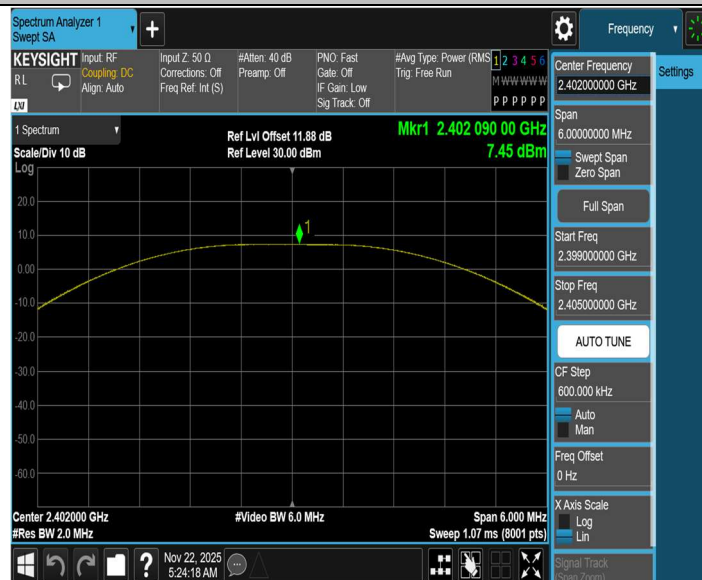
TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	EIRP[dBm]	EIRP Limit[dBm]	Verdict
BLE_1M	Ant1	2402	7.45	≤30	9.95	≤36	PASS
		2440	7.92	≤30	10.42	≤36	PASS
		2480	7.21	≤30	9.71	≤36	PASS
BLE_2M	Ant1	2402	7.45	≤30	9.95	≤36	PASS
		2440	7.82	≤30	10.32	≤36	PASS
		2480	7.11	≤30	9.61	≤36	PASS

Test Graphs Peak





BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



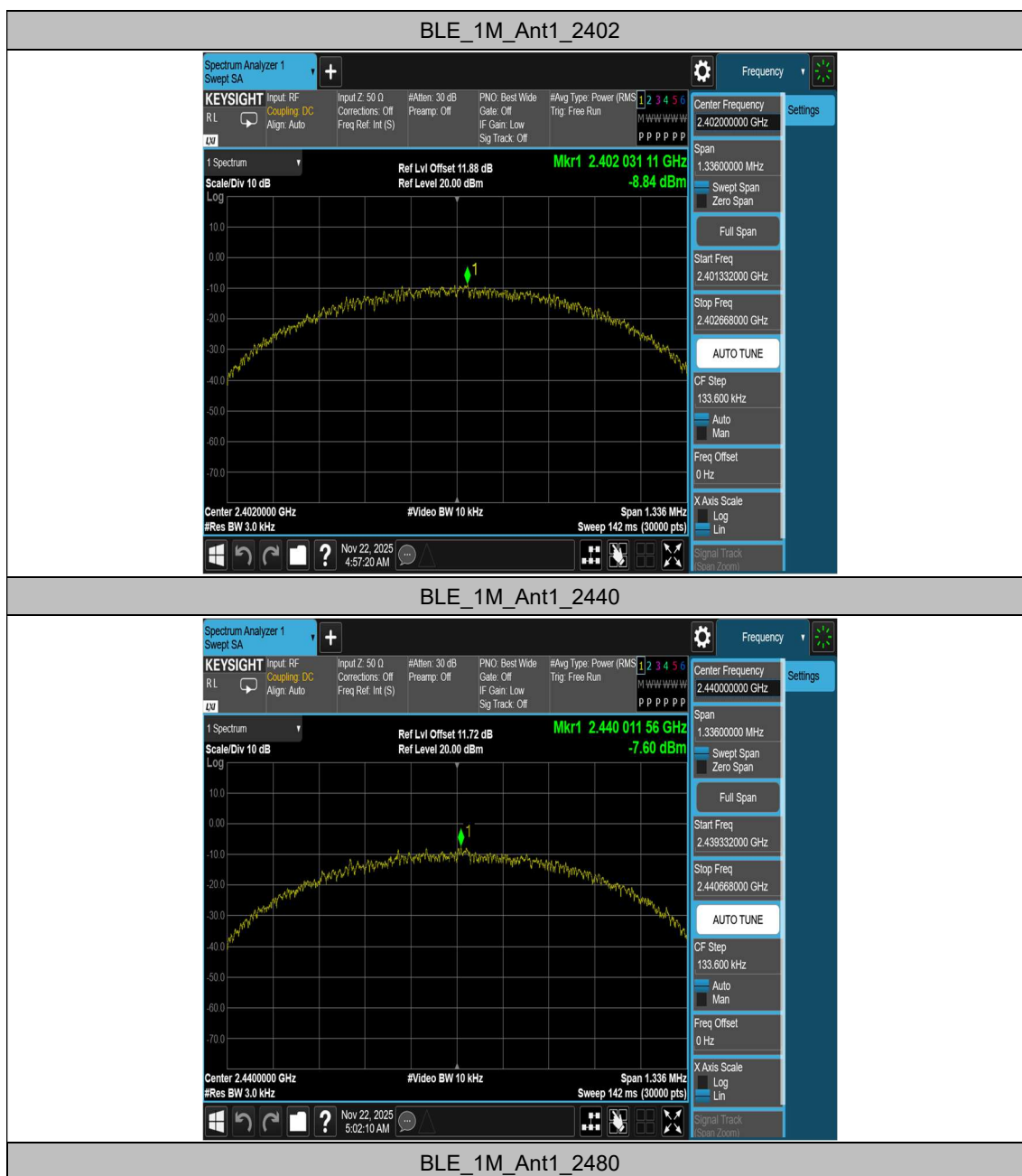


Appendix D: Maximum power spectral density

Test Result

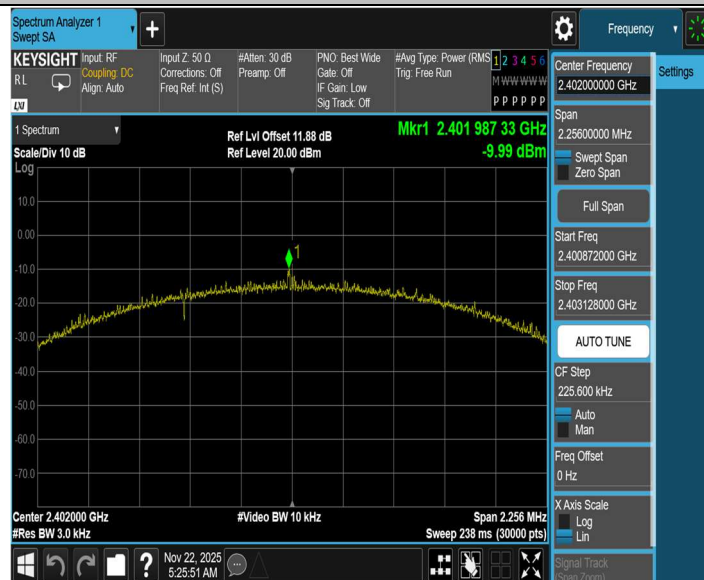
TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-8.84	≤8.00	PASS
		2440	-7.60	≤8.00	PASS
		2480	-8.80	≤8.00	PASS
BLE_2M	Ant1	2402	-9.99	≤8.00	PASS
		2440	-10.10	≤8.00	PASS
		2480	-10.26	≤8.00	PASS

Test Graphs

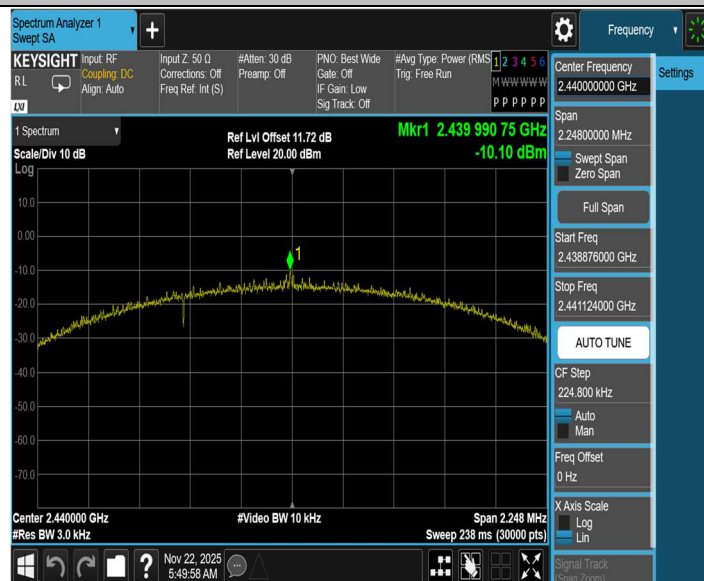




BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



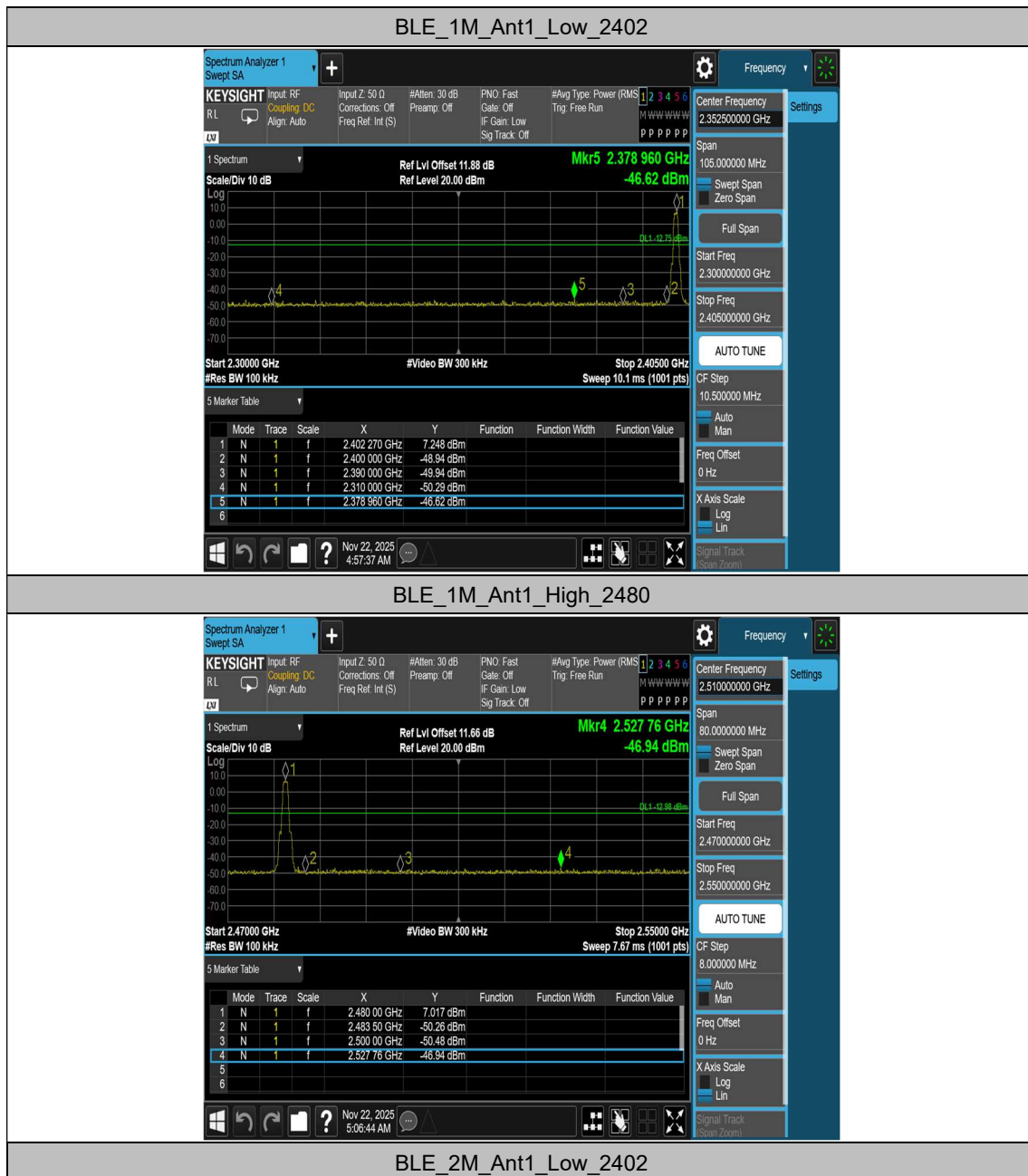


Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	7.25	-46.62	≤-12.75	PASS
		High	2480	7.02	-46.94	≤-12.98	PASS
BLE_2M	Ant1	Low	2402	7.29	-26.79	≤-12.71	PASS
		High	2480	6.92	-47.13	≤-13.08	PASS

Test Graphs





Appendix F: Conducted Spurious Emission

Test Result

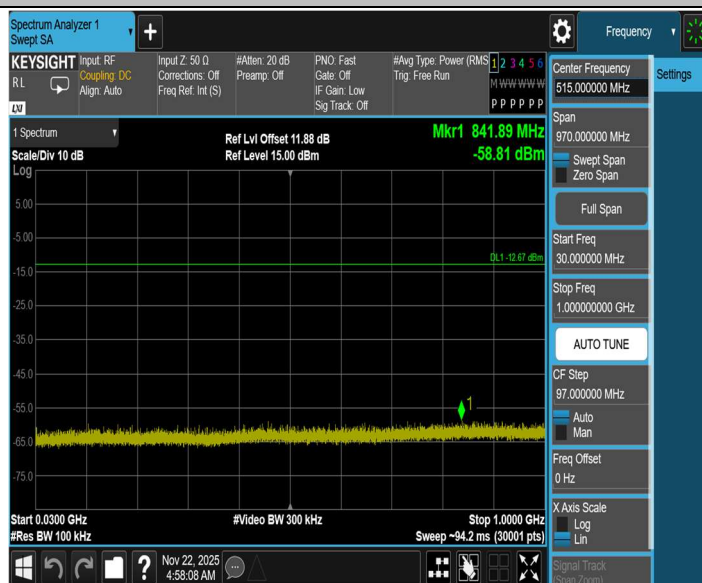
TestMode	Antenna	Frequency [MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	7.33	7.33	---	PASS
			30~1000	7.33	-58.81	≤-12.67	PASS
			1000~26500	7.33	-50.36	≤-12.67	PASS
		2440	Reference	7.74	7.74	---	PASS
			30~1000	7.74	-58.24	≤-12.26	PASS
			1000~26500	7.74	-47.26	≤-12.26	PASS
		2480	Reference	7.05	7.05	---	PASS
			30~1000	7.05	-57.72	≤-12.95	PASS
			1000~26500	7.05	-47.08	≤-12.95	PASS
BLE_2M	Ant1	2402	Reference	7.21	7.21	---	PASS
			30~1000	7.21	-57.96	≤-12.79	PASS
			1000~26500	7.21	-48.89	≤-12.79	PASS
		2440	Reference	7.60	7.60	---	PASS
			30~1000	7.60	-58.62	≤-12.4	PASS
			1000~26500	7.60	-50.17	≤-12.4	PASS
		2480	Reference	6.81	6.81	---	PASS
			30~1000	6.81	-58.6	≤-13.19	PASS
			1000~26500	6.81	-50.46	≤-13.19	PASS

Test Graphs

BLE_1M_Ant1_2402_0~Reference



BLE_1M_Ant1_2402_30~1000



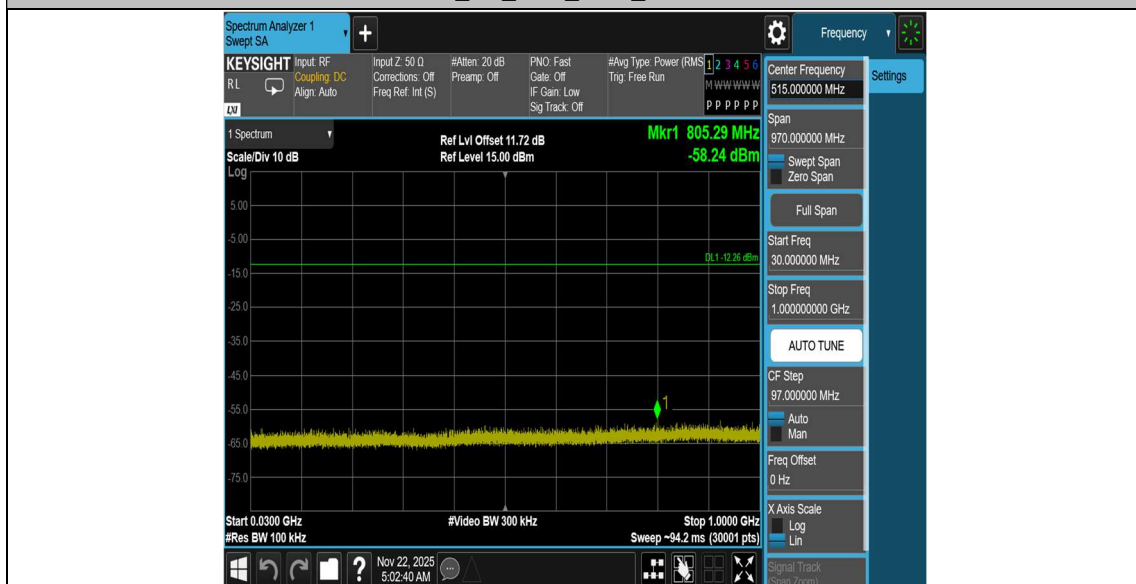
BLE_1M_Ant1_2402_1000~26500



BLE_1M_Ant1_2440_0~Reference



BLE_1M_Ant1_2440_30~1000



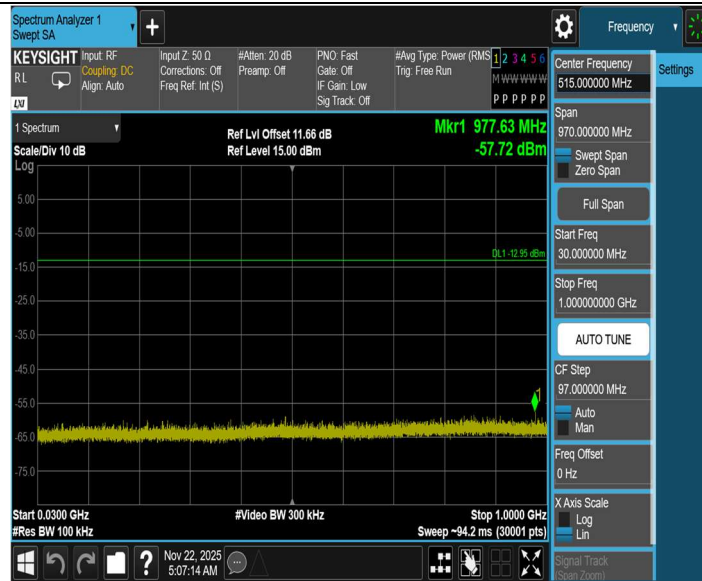
BLE_1M_Ant1_2440_1000~26500



BLE_1M_Ant1_2480_0~Reference



BLE_1M_Ant1_2480_30~1000



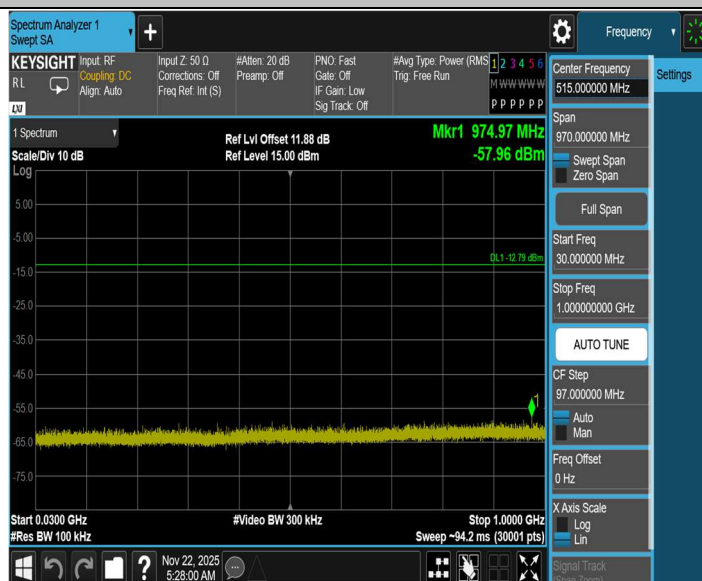
BLE_1M_Ant1_2480_1000~26500



BLE_2M_Ant1_2402_0~Reference



BLE_2M_Ant1_2402_30~1000



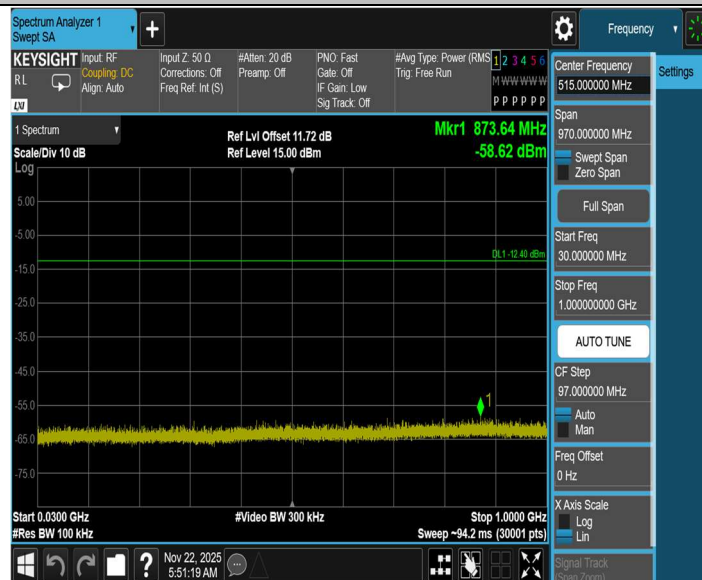
BLE_2M_Ant1_2402_1000~26500



BLE_2M_Ant1_2440_0~Reference



BLE_2M_Ant1_2440_30~1000



BLE_2M_Ant1_2440_1000~26500



BLE_2M_Ant1_2480_0~Reference



BLE_2M_Ant1_2480_30~1000



BLE_2M_Ant1_2480_1000~26500