

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.700	2401.640	2402.340	0.5	PASS
		2440	0.708	2439.644	2440.352	0.5	PASS
		2480	0.708	2479.620	2480.328	0.5	PASS
BLE_2M	Ant1	2402	1.136	2401.436	2402.572	0.5	PASS
		2440	1.240	2439.400	2440.640	0.5	PASS
		2480	1.160	2479.424	2480.584	0.5	PASS

Test Graphs




BLE_2M-Ant1-2402-PASS

BLE_2M-Ant1-2440-PASS

BLE_2M-Ant1-2480-PASS

Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0573	2401.4707	2402.5280	---	---
		2440	1.0561	2439.4716	2440.5277	---	---
		2480	1.0708	2479.4592	2480.5300	---	---
BLE_2M	Ant1	2402	2.1286	2400.9339	2403.0625	---	---
		2440	2.1177	2438.9425	2441.0602	---	---
		2480	2.1326	2478.9333	2481.0659	---	---

Test Graphs




BLE_2M-Ant1-2402

BLE_2M-Ant1-2440

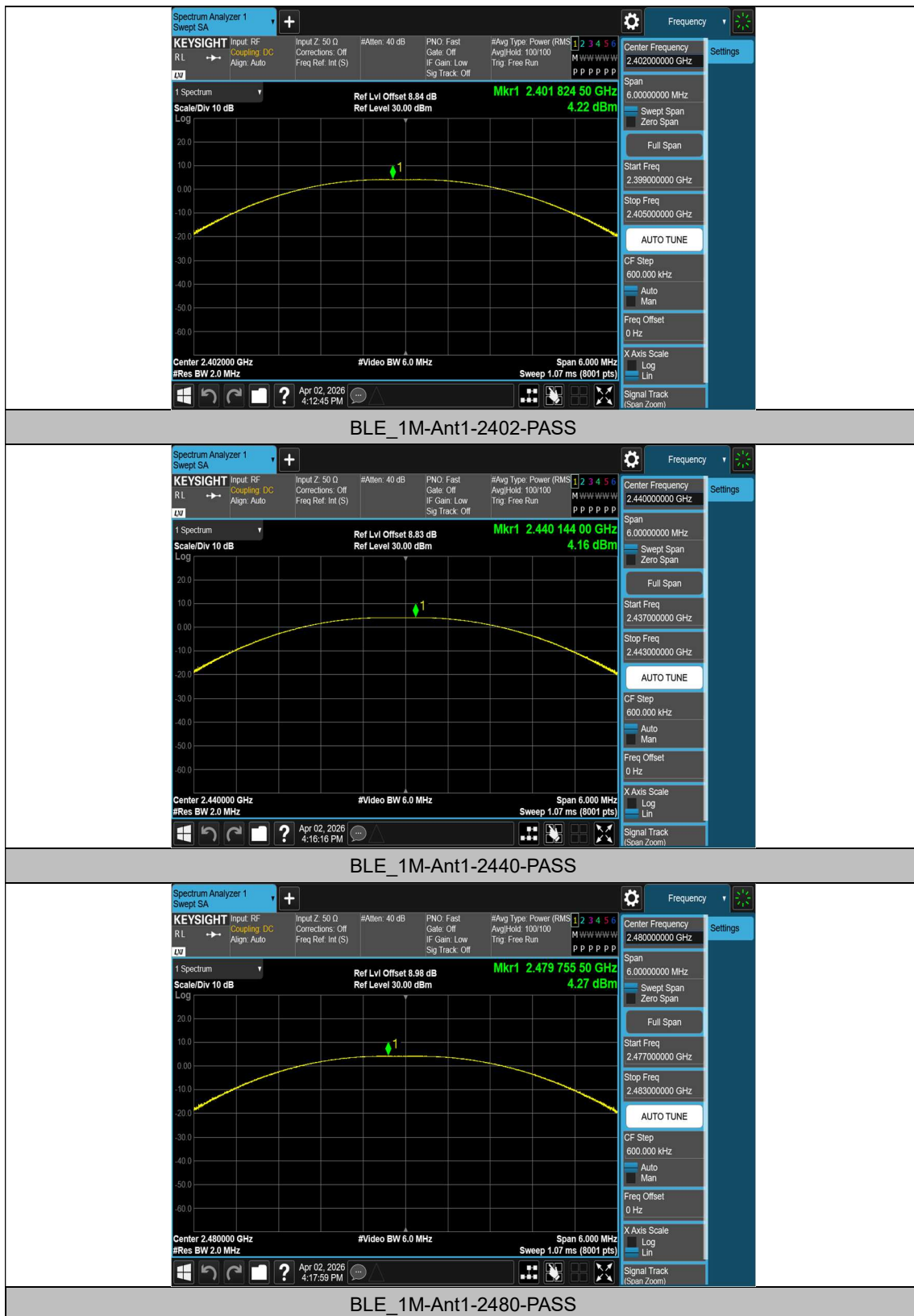
BLE_2M-Ant1-2480

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	4.22	≤30	3.97	≤36	PASS
		2440	4.16	≤30	3.91	≤36	PASS
		2480	4.28	≤30	4.03	≤36	PASS
BLE_2M	Ant1	2402	4.23	≤30	3.98	≤36	PASS
		2440	4.18	≤30	3.93	≤36	PASS
		2480	4.28	≤30	4.03	≤36	PASS

Test Graphs Peak





BLE_2M-Ant1-2402-PASS



BLE_2M-Ant1-2440-PASS



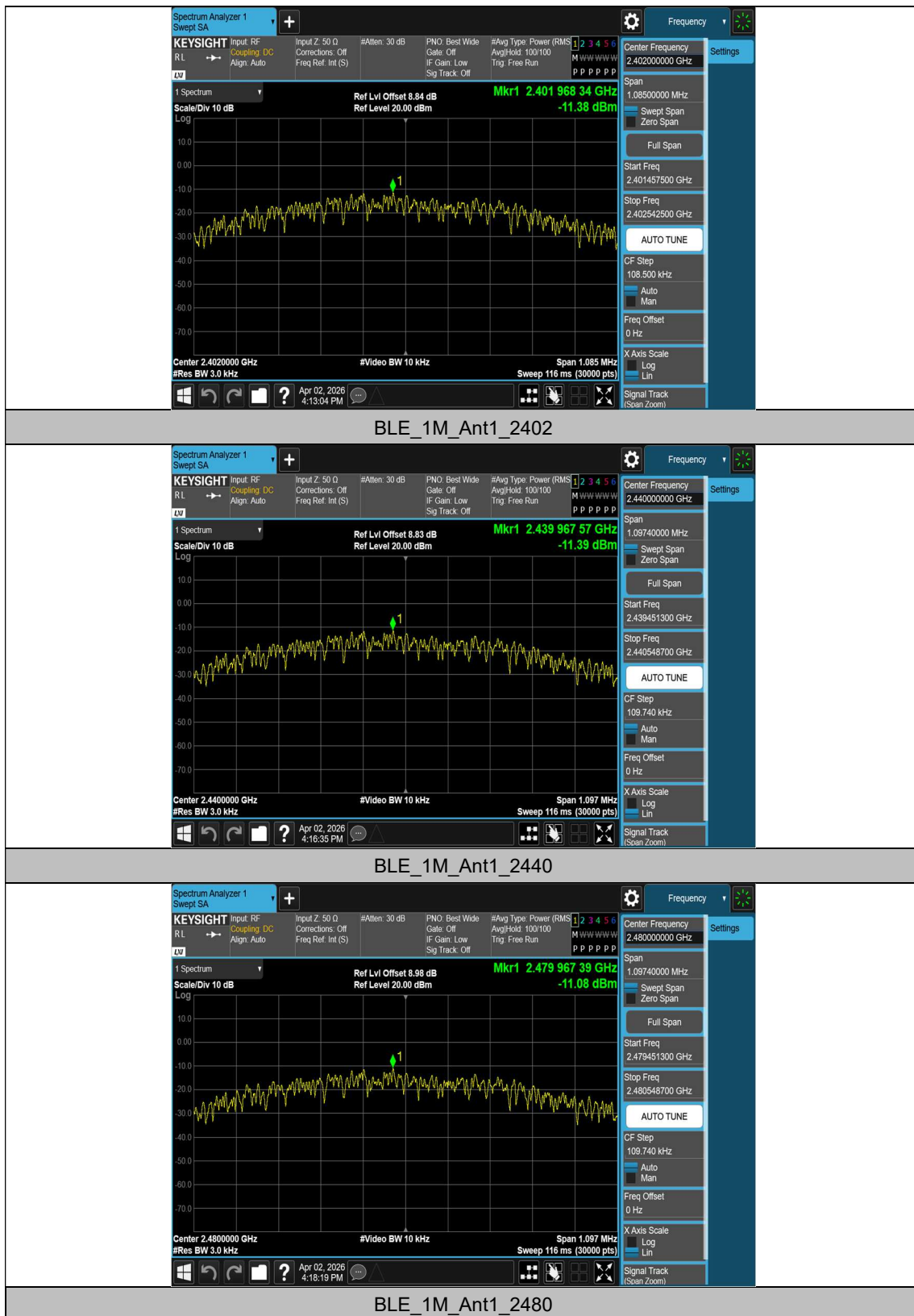
BLE_2M-Ant1-2480-PASS

Appendix D: Maximum power spectral density

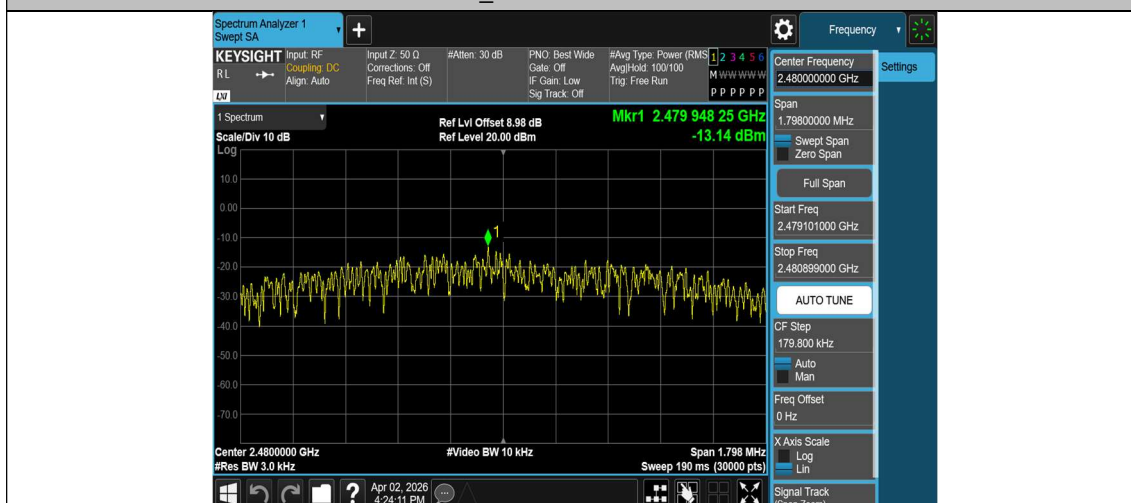
Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-11.38	≤8.00	PASS
		2440	-11.39	≤8.00	PASS
		2480	-11.08	≤8.00	PASS
BLE_2M	Ant1	2402	-13.12	≤8.00	PASS
		2440	-13.29	≤8.00	PASS
		2480	-13.14	≤8.00	PASS

Test Graphs




BLE_2M-Ant1-2402-PASS

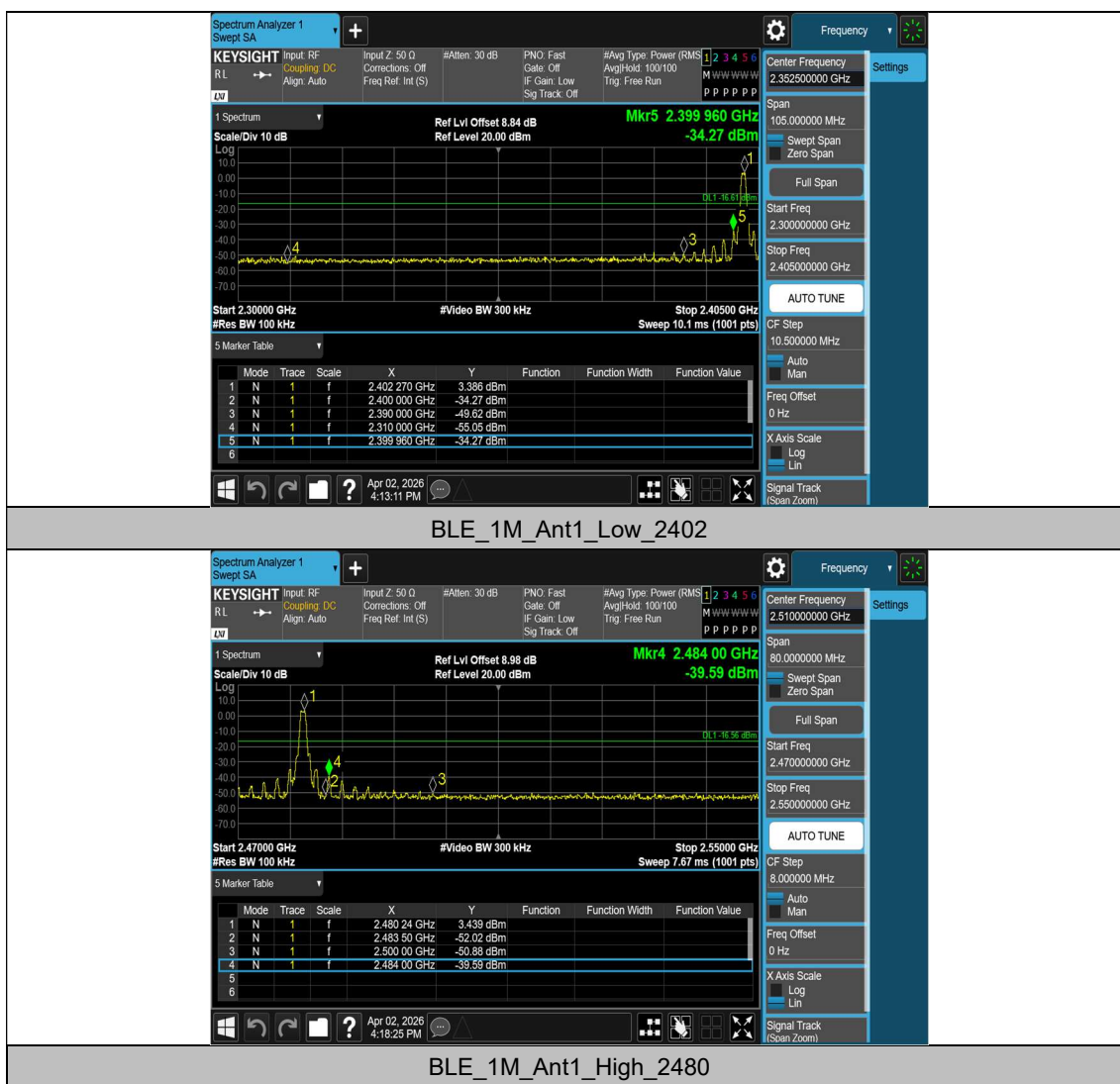
BLE_2M-Ant1-2440-PASS

BLE_2M-Ant1-2480-PASS

Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	3.39	-34.27	≤-16.61	PASS
		High	2480	3.44	-39.59	≤-16.56	PASS
BLE_2M	Ant1	Low	2402	2.56	-28.97	≤-17.44	PASS
		High	2480	2.63	-40.64	≤-17.37	PASS

Test Graphs





Appendix F: Conducted Spurious Emission

Test Result

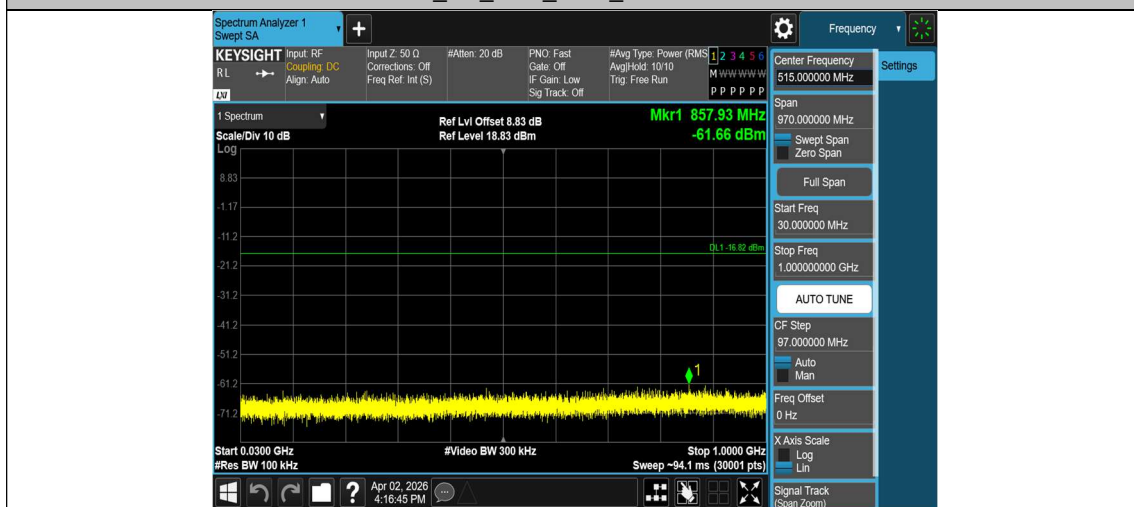
TestMode	Antenna	Frequency [MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	2.11	2.11	---	PASS
			30~1000	2.11	-62.09	≤-17.89	PASS
			1000~26500	2.11	-51.68	≤-17.89	PASS
		2440	0~Reference	3.18	3.18	---	PASS
			30~1000	3.18	-61.66	≤-16.82	PASS
			1000~26500	3.18	-52.56	≤-16.82	PASS
		2480	0~Reference	2.86	2.86	---	PASS
			30~1000	2.86	-61.56	≤-17.14	PASS
			1000~26500	2.86	-53.4	≤-17.14	PASS
BLE_2M	Ant1	2402	0~Reference	0.60	0.60	---	PASS
			30~1000	0.60	-62.49	≤-19.4	PASS
			1000~26500	0.60	-53.77	≤-19.4	PASS
		2440	0~Reference	2.46	2.46	---	PASS
			30~1000	2.46	-62.49	≤-17.54	PASS
			1000~26500	2.46	-53.15	≤-17.54	PASS
		2480	0~Reference	2.88	2.88	---	PASS
			30~1000	2.88	-62.44	≤-17.12	PASS
			1000~26500	2.88	-53.45	≤-17.12	PASS

Test Graphs





BLE_1M_Ant1_2440_0~Reference



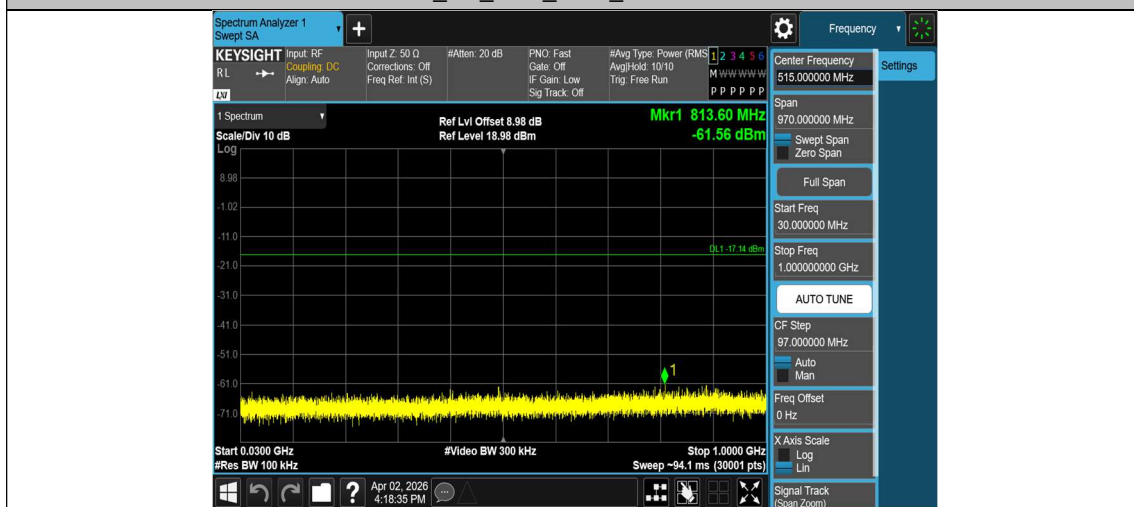
BLE_1M_Ant1_2440_30~1000



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-PASS



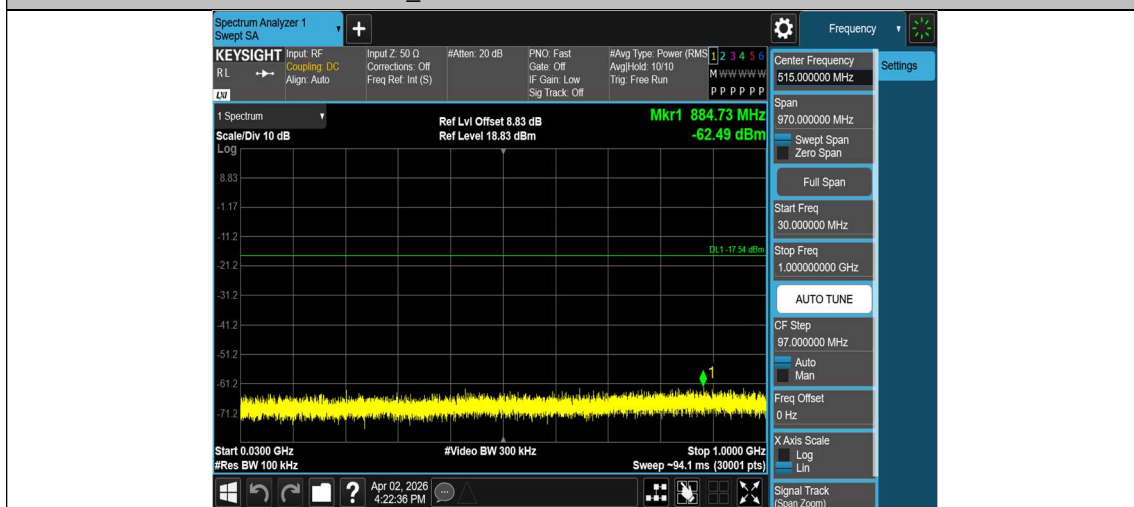
BLE_2M-Ant1-2402-30~1000-PASS



BLE_2M-Ant1-2402-1000~26500-PASS



BLE_2M-Ant1-2440-0~Reference-PASS



BLE_2M-Ant1-2440-30~1000-PASS



BLE_2M-Ant1-2440-1000~26500-PASS


BLE_2M-Ant1-2480-0~Reference-PASS

BLE_2M-Ant1-2480-30~1000-PASS

BLE_2M-Ant1-2480-1000~26500-PASS