

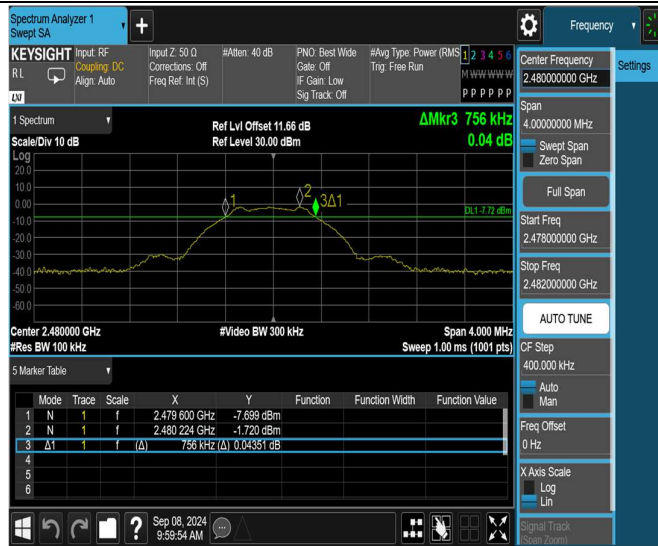
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.732	2401.608	2402.340	0.5	PASS
		2440	0.716	2439.620	2440.336	0.5	PASS
		2480	0.756	2479.600	2480.356	0.5	PASS
BLE_2M	Ant1	2402	1.448	2401.252	2402.700	0.5	PASS
		2440	1.460	2439.252	2440.712	0.5	PASS
		2480	1.420	2479.276	2480.696	0.5	PASS

Test Graphs





BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480



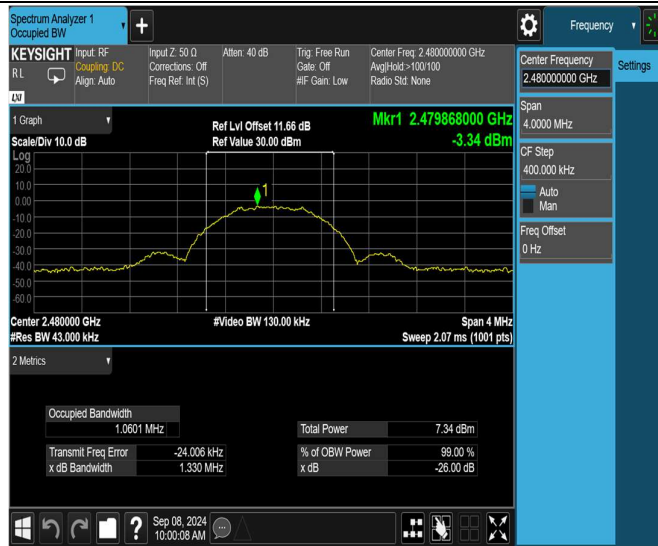
Appendix B: Occupied Channel Bandwidth

Test Result

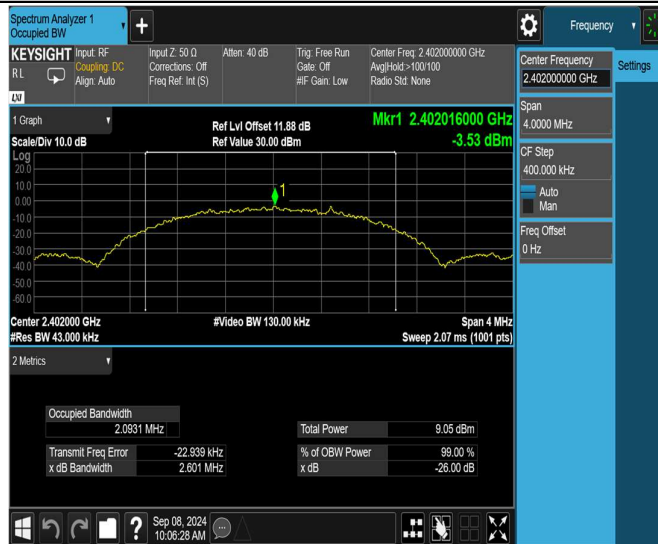
TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0661	2401.4418	2402.5079	---	---
		2440	1.0714	2439.4383	2440.5097	---	---
		2480	1.0596	2479.4479	2480.5075	---	---
BLE_2M	Ant1	2402	2.1038	2400.9262	2403.0300	---	---
		2440	2.1034	2438.9234	2441.0268	---	---
		2480	2.0881	2478.9292	2481.0173	---	---

Test Graphs

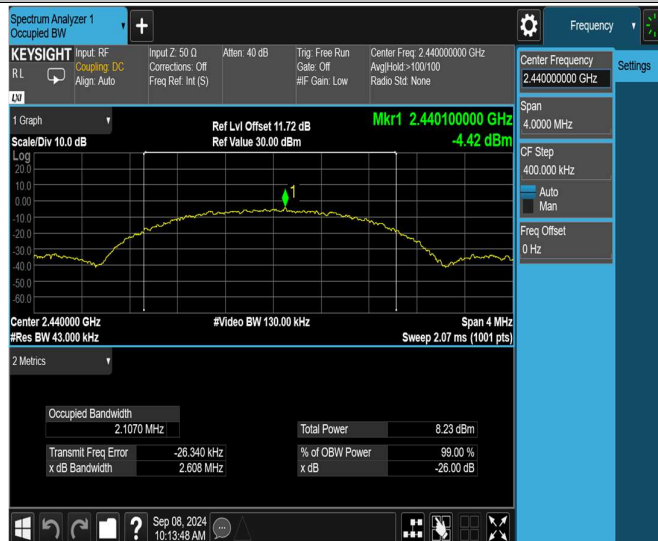




BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



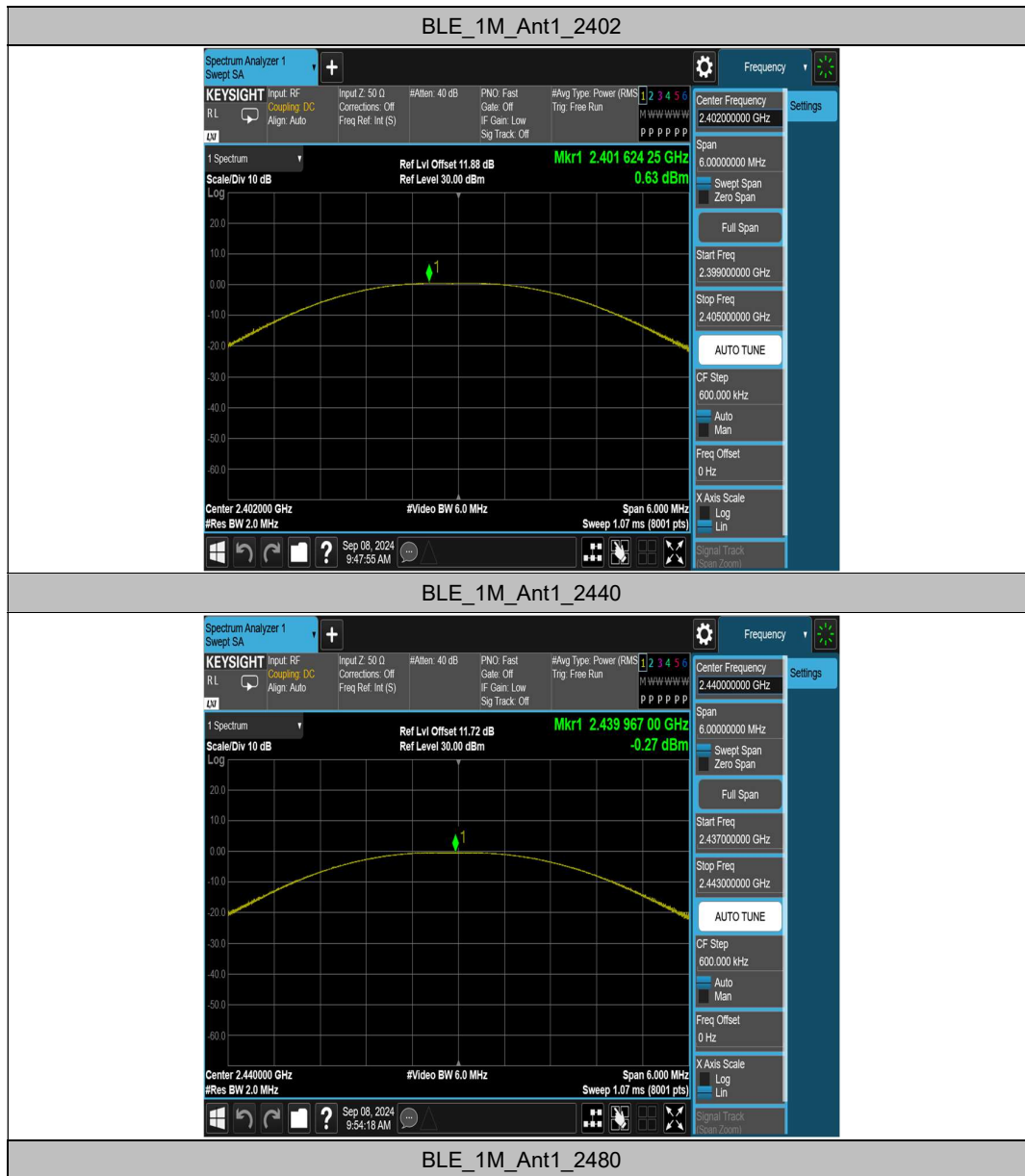


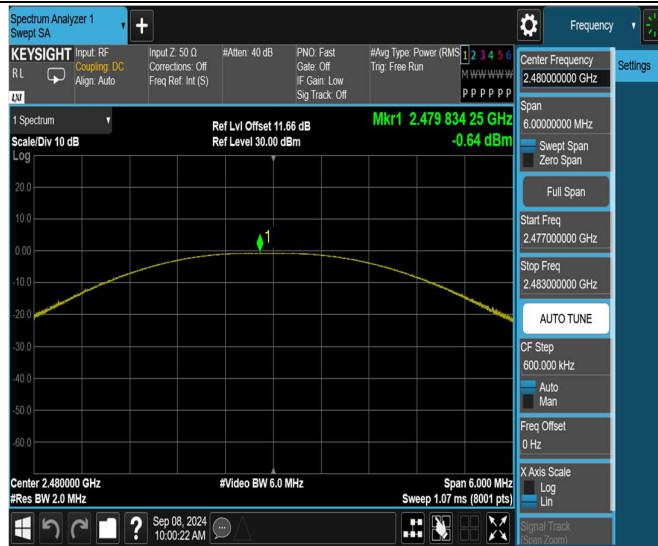
Appendix C: Maximum conducted output power

Test Result Peak

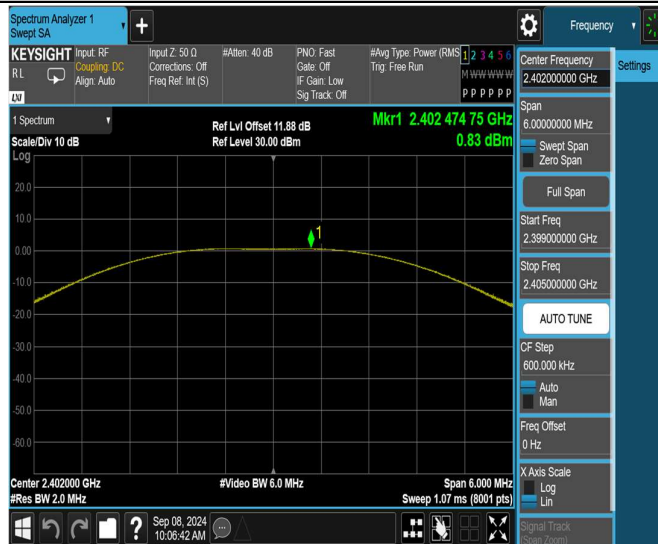
TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	EIRP[dBm]	EIRP Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0.63	≤30	3.34	≤36	PASS
		2440	-0.27	≤30	2.44	≤36	PASS
		2480	-0.64	≤30	2.07	≤36	PASS
BLE_2M	Ant1	2402	0.83	≤30	3.54	≤36	PASS
		2440	-0.04	≤30	2.67	≤36	PASS
		2480	-0.52	≤30	2.19	≤36	PASS

Test Graphs Peak





BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480

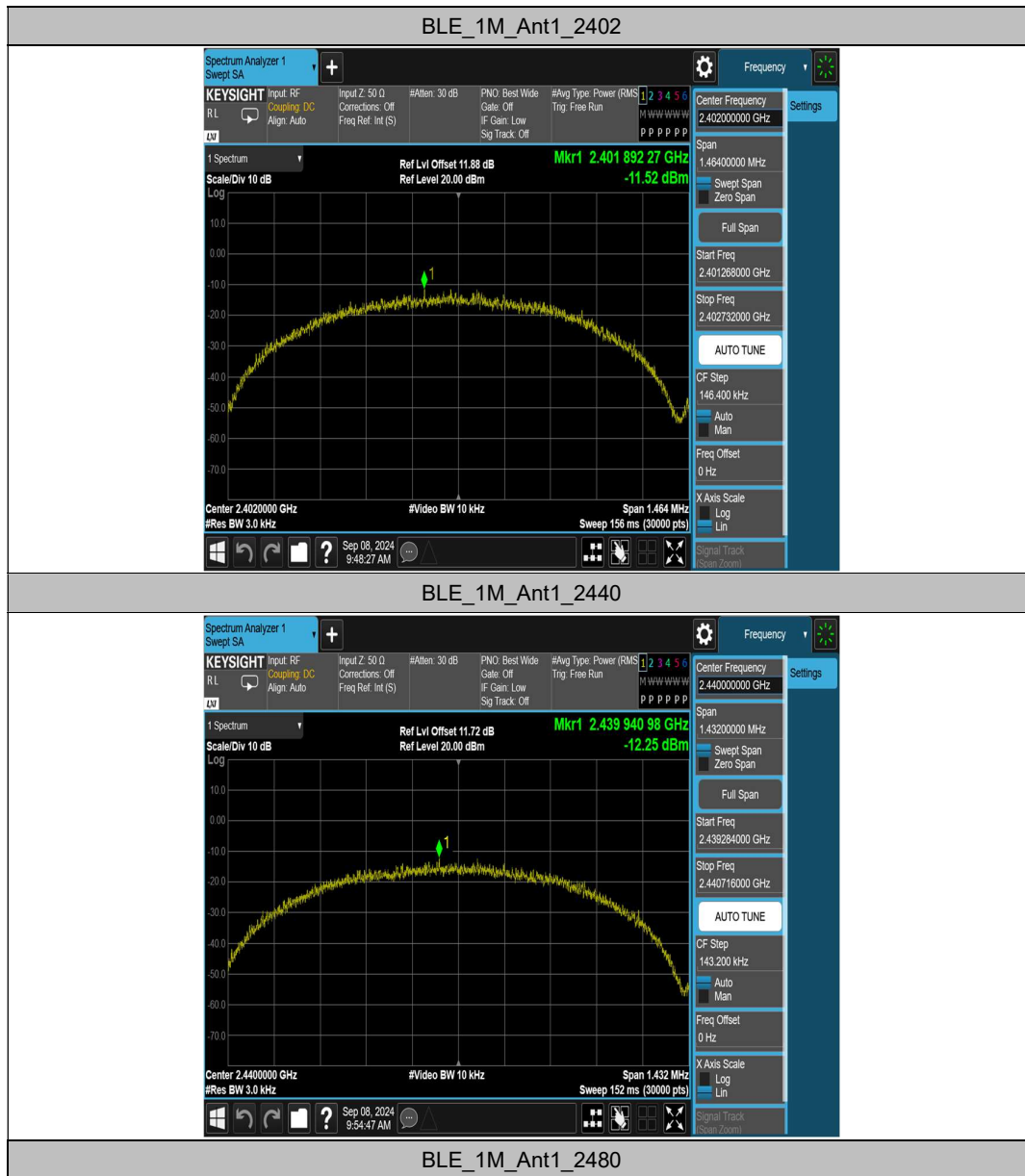


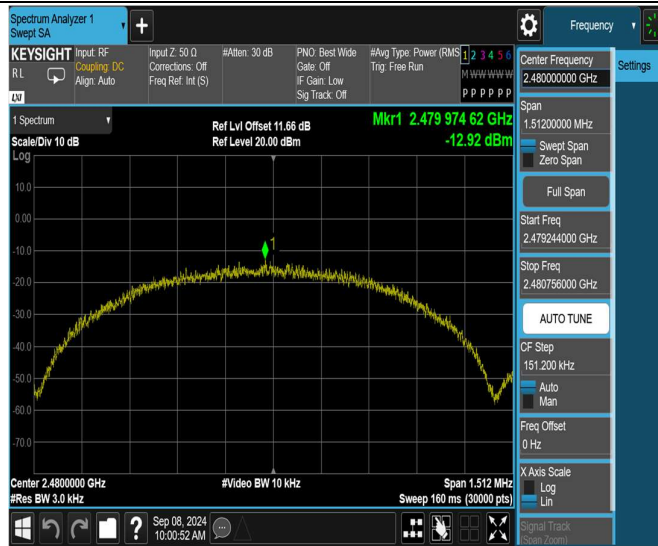
Appendix D: Maximum power spectral density

Test Result

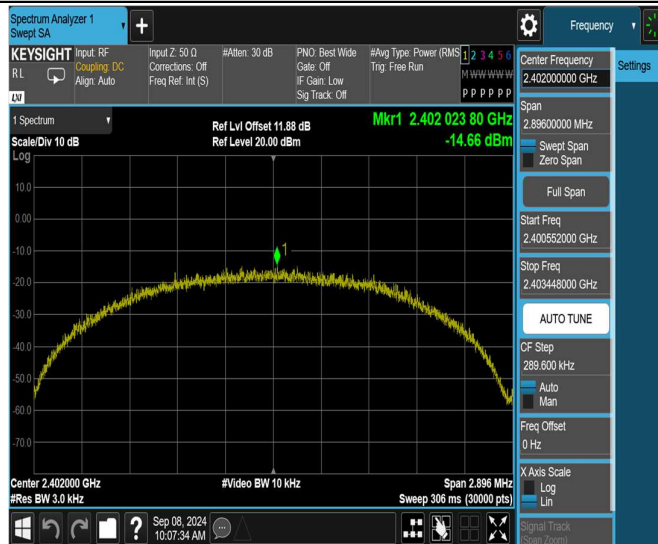
TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-11.53	≤8.00	PASS
		2440	-12.25	≤8.00	PASS
		2480	-12.92	≤8.00	PASS
BLE_2M	Ant1	2402	-14.66	≤8.00	PASS
		2440	-14.80	≤8.00	PASS
		2480	-15.83	≤8.00	PASS

Test Graphs

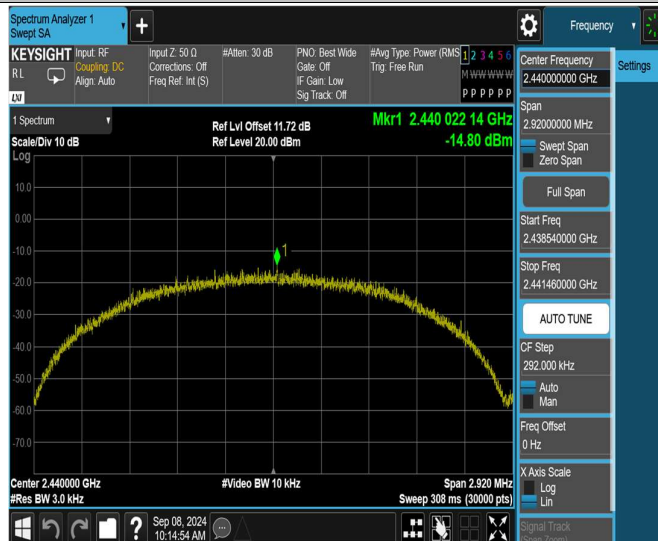




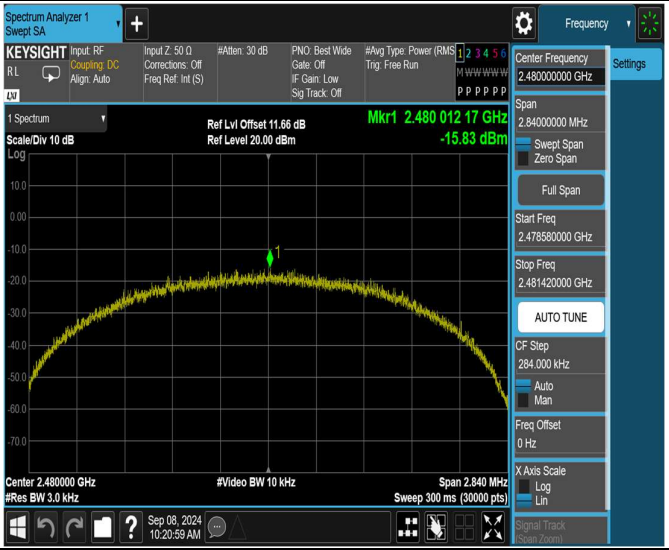
BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480



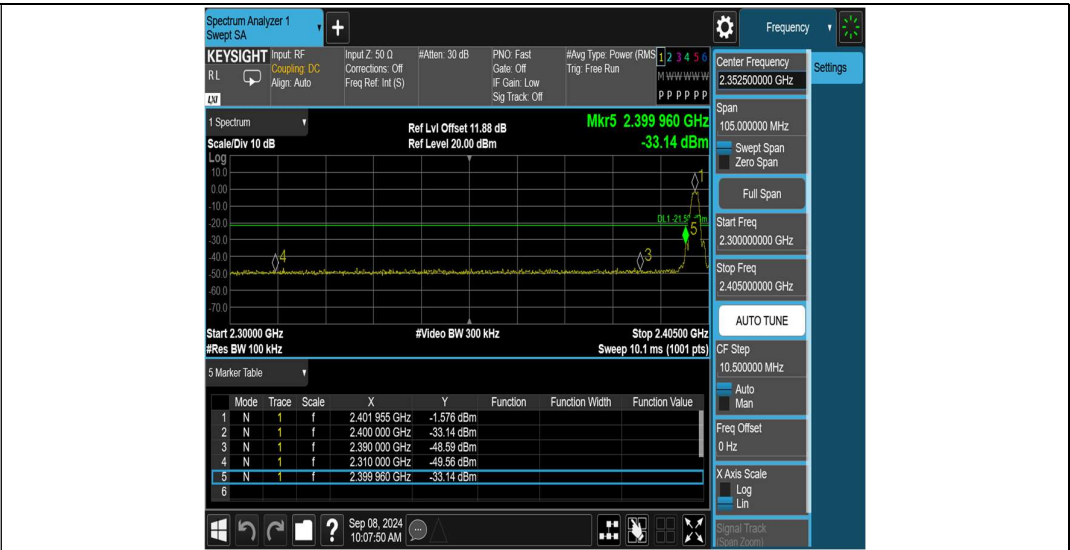
Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-0.11	-46.83	≤-20.11	PASS
		High	2480	-1.61	-46.25	≤-21.61	PASS
BLE_2M	Ant1	Low	2402	-1.58	-33.14	≤-21.58	PASS
		High	2480	-2.86	-46.7	≤-22.86	PASS

Test Graphs





BLE_2M_Ant1_High_2480

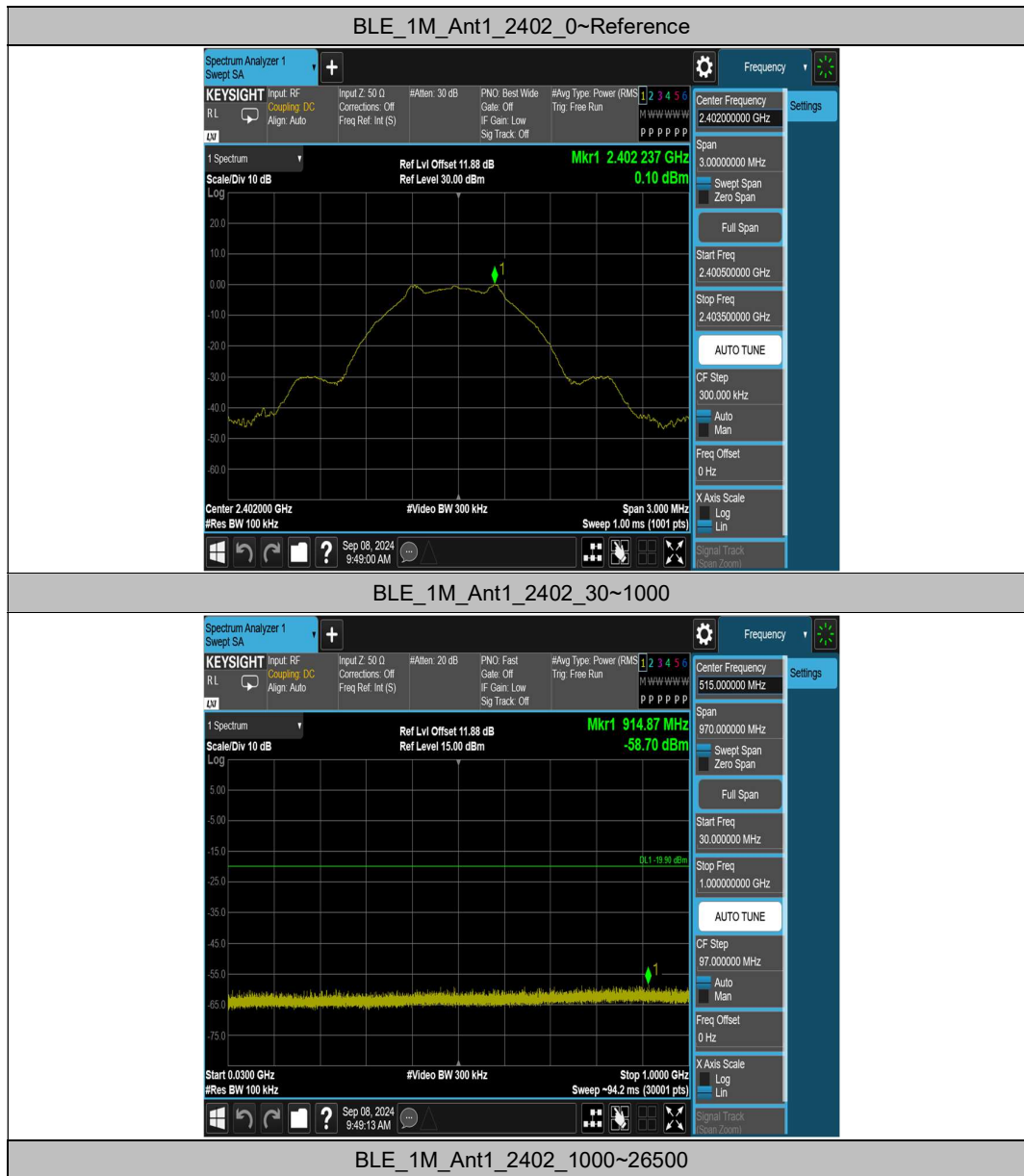


Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency [MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	0.10	0.10	---	PASS
			30~1000	0.10	-58.7	≤-19.9	PASS
			1000~26500	0.10	-50.43	≤-19.9	PASS
		2440	Reference	-1.02	-1.02	---	PASS
			30~1000	-1.02	-59.08	≤-21.02	PASS
			1000~26500	-1.02	-50.96	≤-21.02	PASS
		2480	Reference	-1.47	-1.47	---	PASS
			30~1000	-1.47	-58.37	≤-21.47	PASS
			1000~26500	-1.47	-50.59	≤-21.47	PASS
BLE_2M	Ant1	2402	Reference	-1.30	-1.30	---	PASS
			30~1000	-1.30	-58.17	≤-21.3	PASS
			1000~26500	-1.30	-50.65	≤-21.3	PASS
		2440	Reference	-2.30	-2.30	---	PASS
			30~1000	-2.30	-58.59	≤-22.3	PASS
			1000~26500	-2.30	-49.51	≤-22.3	PASS
		2480	Reference	-2.67	-2.67	---	PASS
			30~1000	-2.67	-58.04	≤-22.67	PASS
			1000~26500	-2.67	-50.44	≤-22.67	PASS

Test Graphs

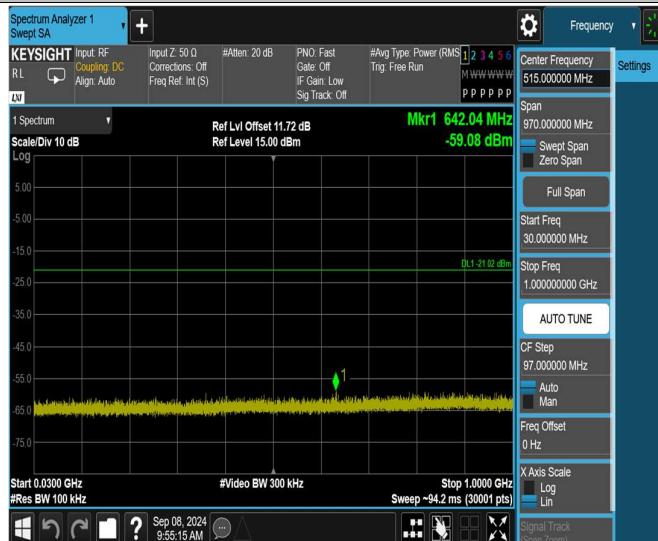




BLE_1M_Ant1_2440_0~Reference



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



