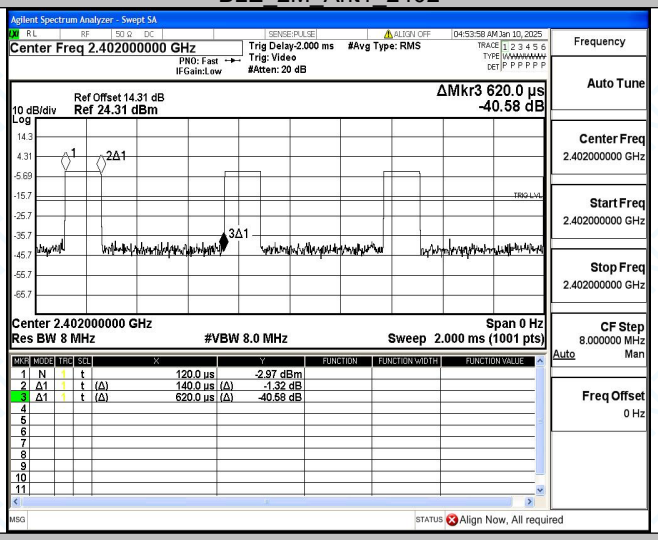
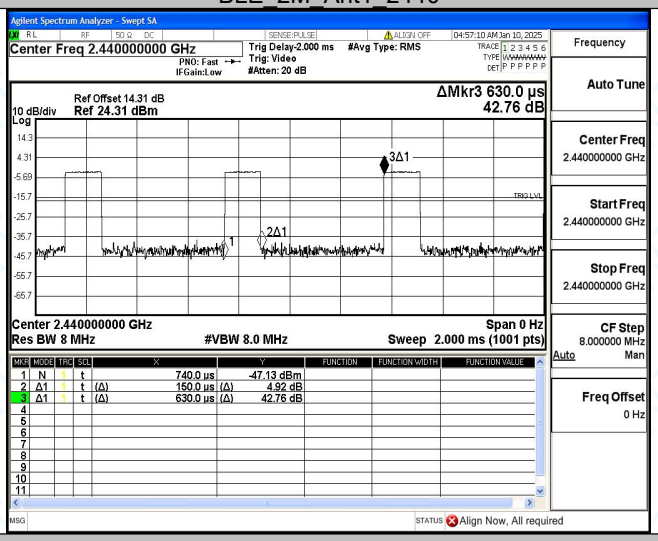
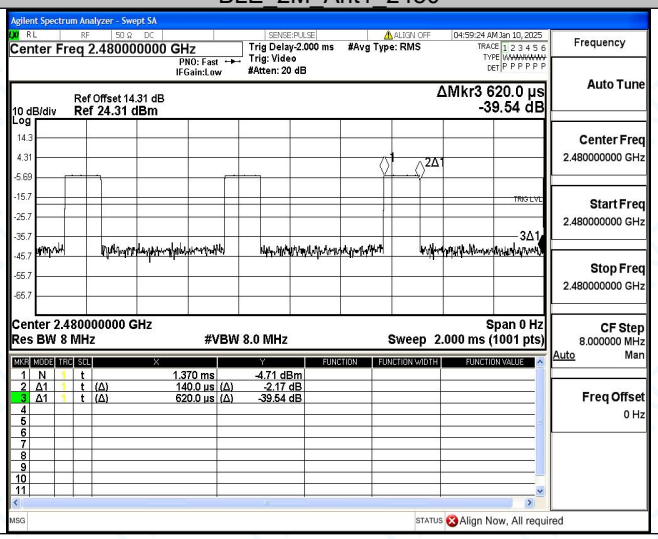
BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480



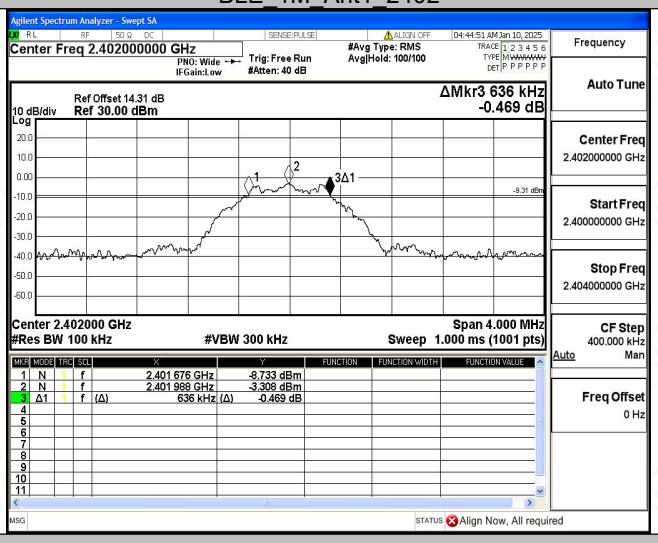
Appendix B: DTS Bandwidth

Test Result

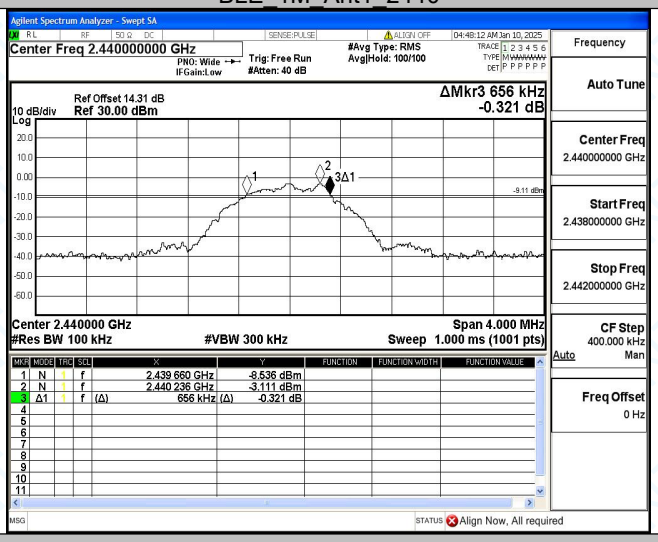
TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.636	2401.676	2402.312	0.5	PASS
		2440	0.656	2439.660	2440.316	0.5	PASS
		2480	0.660	2479.652	2480.312	0.5	PASS
BLE_2M	Ant1	2402	1.088	2401.476	2402.564	0.5	PASS
		2440	1.144	2439.428	2440.572	0.5	PASS
		2480	1.140	2479.416	2480.556	0.5	PASS

Test Graphs

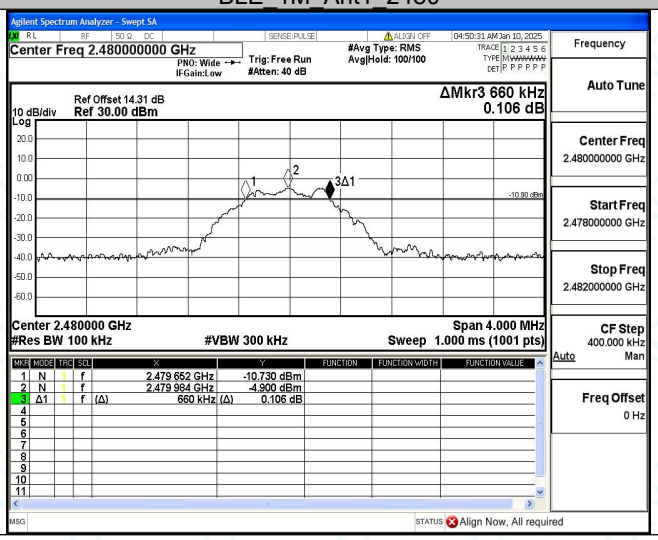
BLE_1M_Ant1_2402



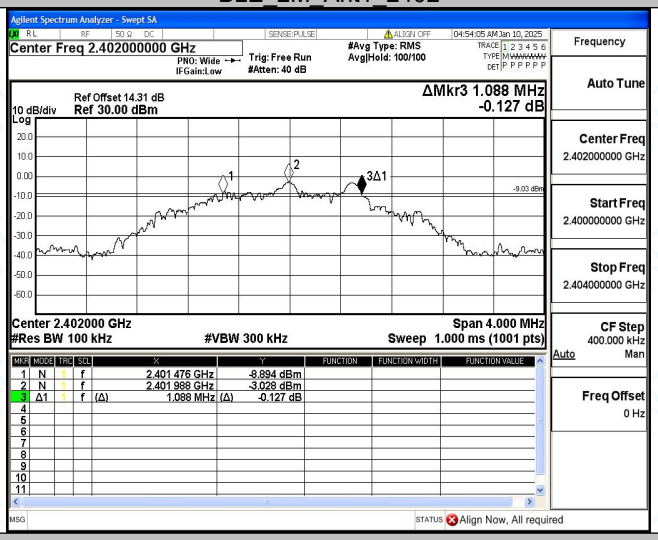
BLE_1M_Ant1_2440



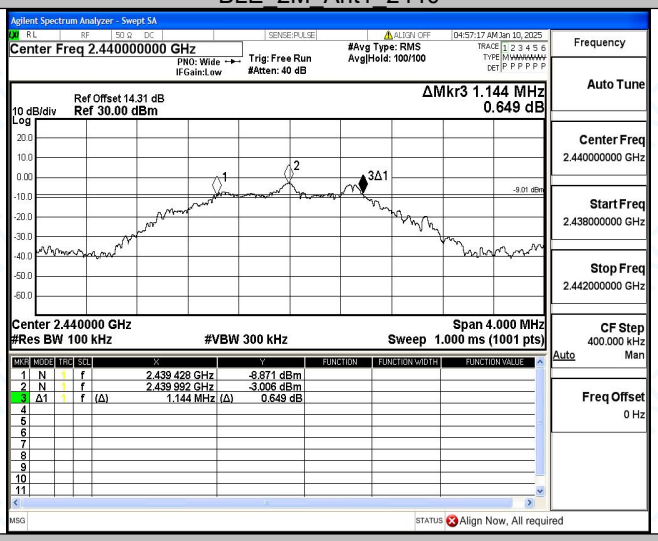
BLE_1M_Ant1_2480



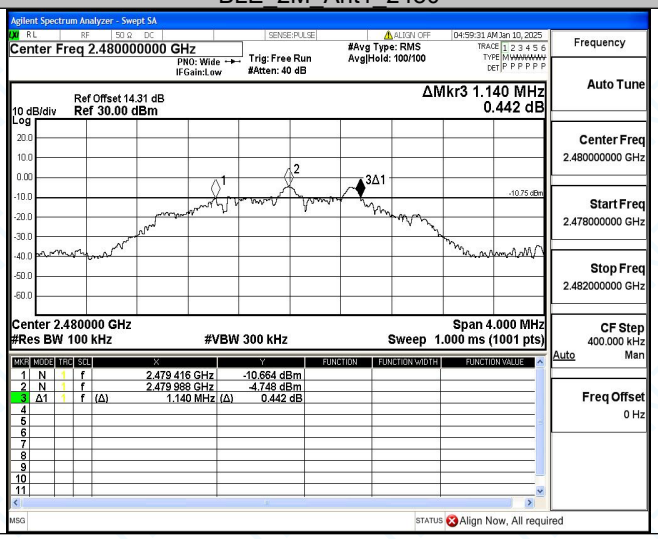
BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480



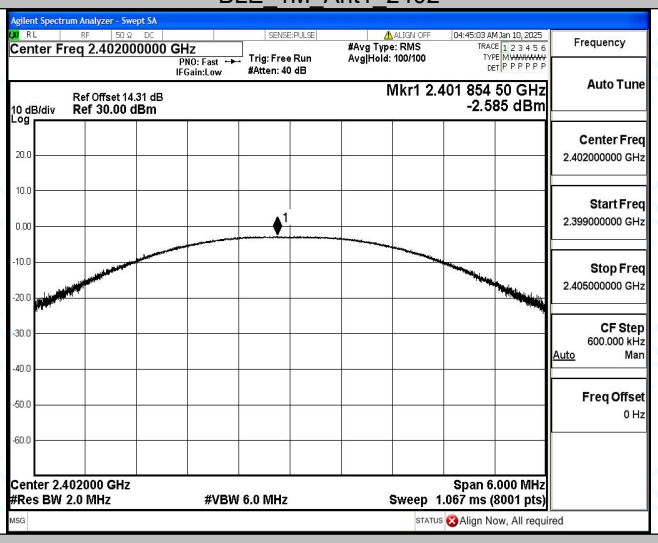
Appendix C: Maximum conducted output power

Test Result

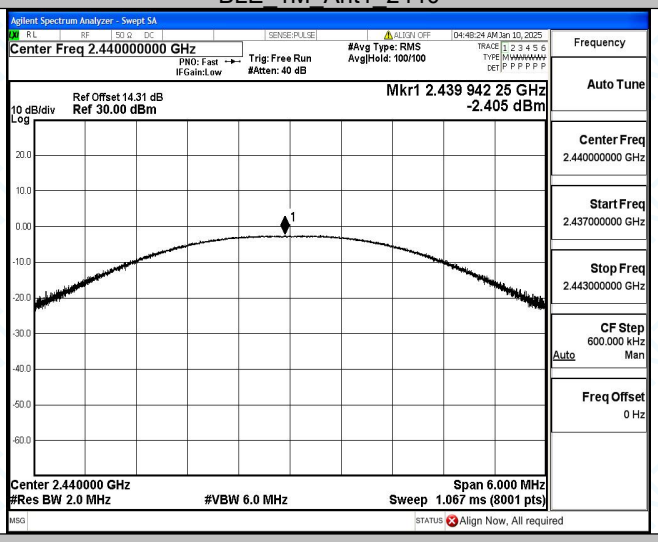
TestMode	Antenna	Freq(MHz)	Conducted Peak Powert[dBm]	Conducted Limit[dBm]	EIRP[dBm]	EIRP Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-2.59	≤30	-2.59	≤36	PASS
		2440	-2.41	≤30	-2.41	≤36	PASS
		2480	-4.03	≤30	-4.03	≤36	PASS
BLE_2M	Ant1	2402	-2.44	≤30	-2.44	≤36	PASS
		2440	-2.35	≤30	-2.35	≤36	PASS
		2480	-4.07	≤30	-4.07	≤36	PASS

Test Graphs

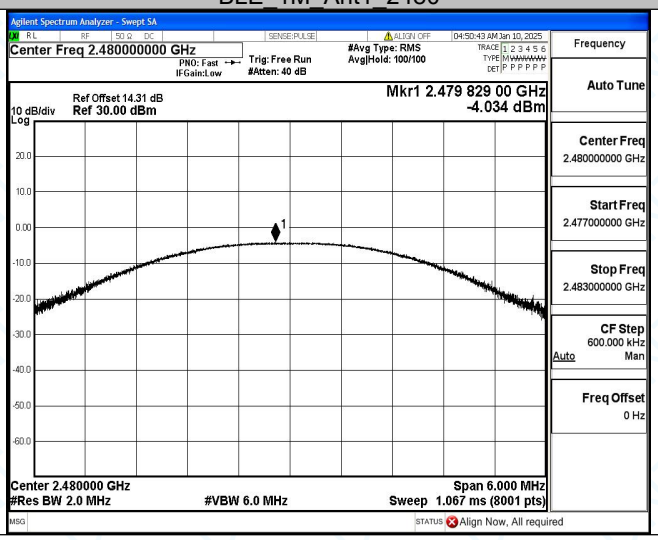
BLE_1M_Ant1_2402



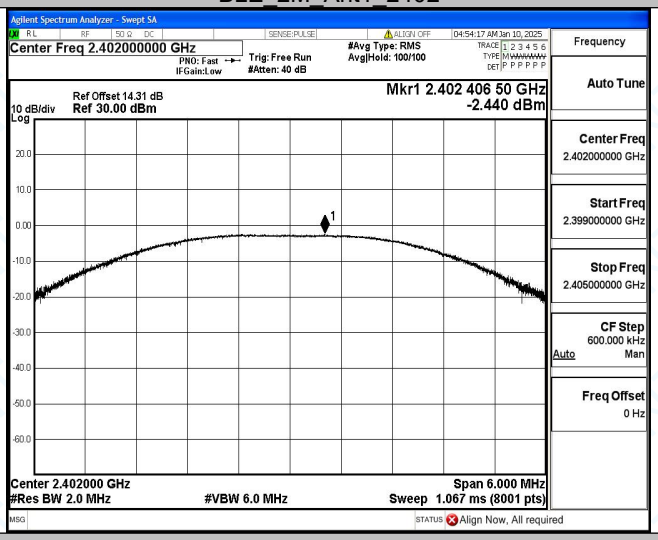
BLE_1M_Ant1_2440



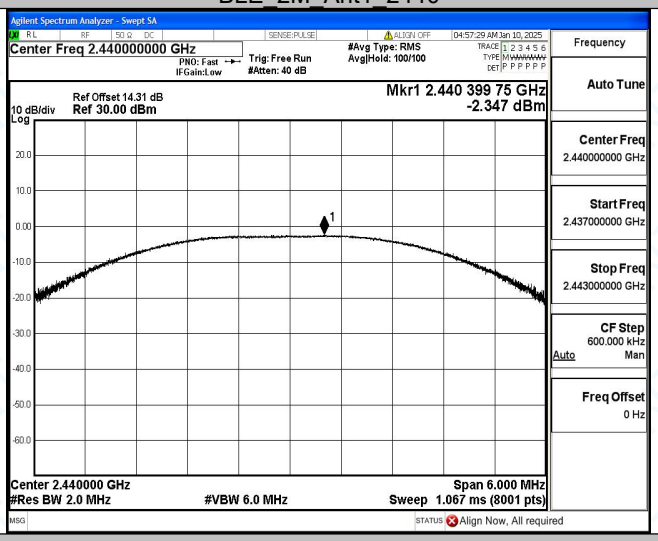
BLE_1M_Ant1_2480



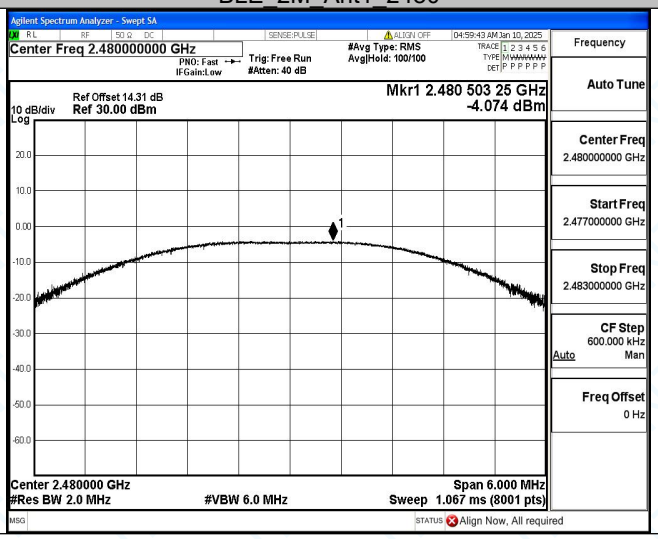
BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480



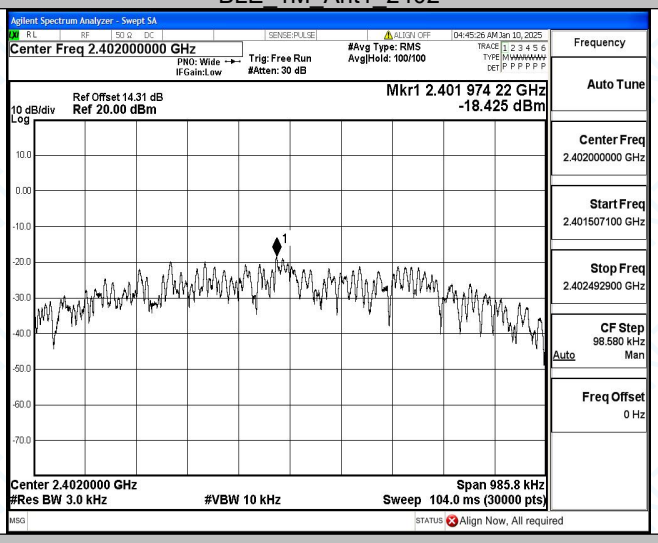
Appendix D: Maximum power spectral density

Test Result

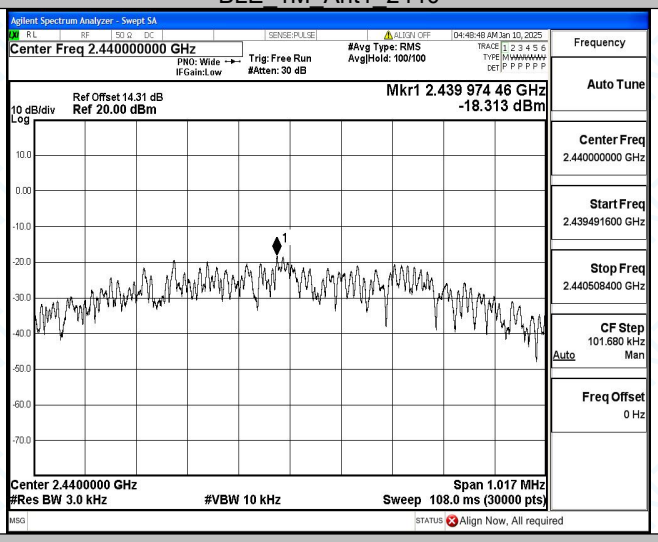
TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-18.43	≤8.00	PASS
		2440	-18.31	≤8.00	PASS
		2480	-20.08	≤8.00	PASS
BLE_2M	Ant1	2402	-19.56	≤8.00	PASS
		2440	-19.69	≤8.00	PASS
		2480	-21.51	≤8.00	PASS

Test Graphs

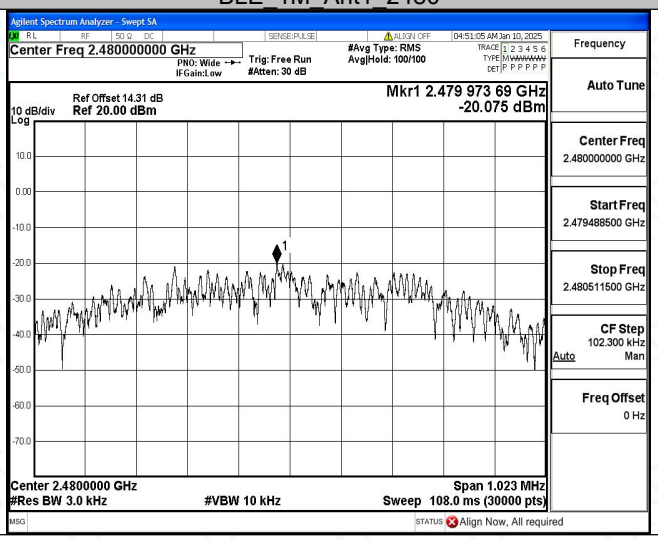
BLE_1M_Ant1_2402



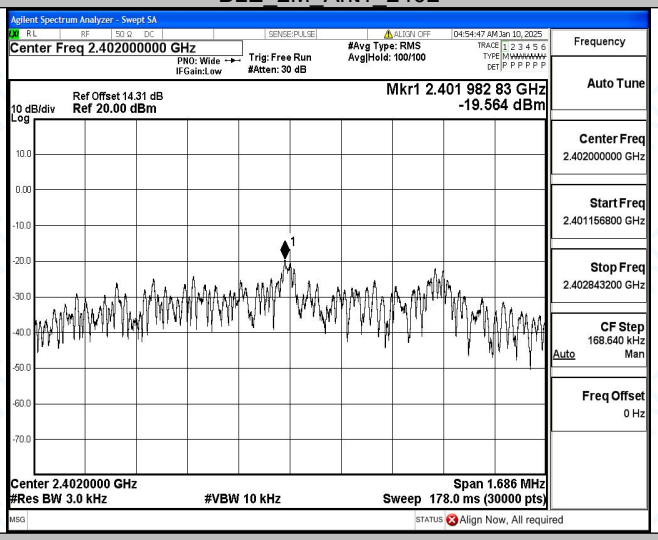
BLE_1M_Ant1_2440



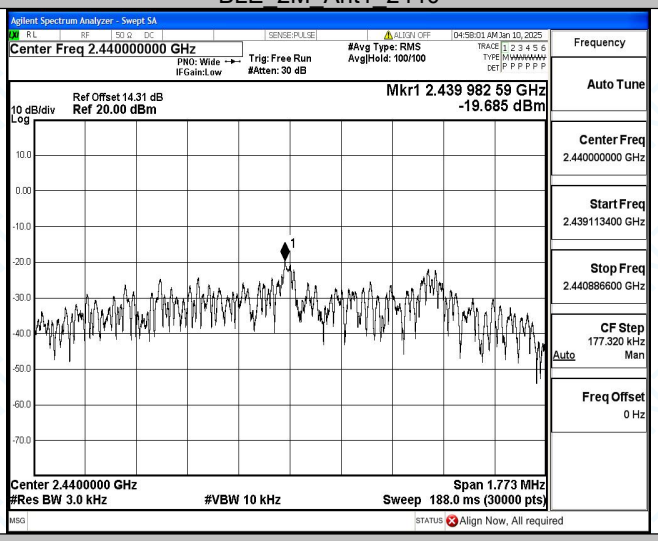
BLE_1M_Ant1_2480



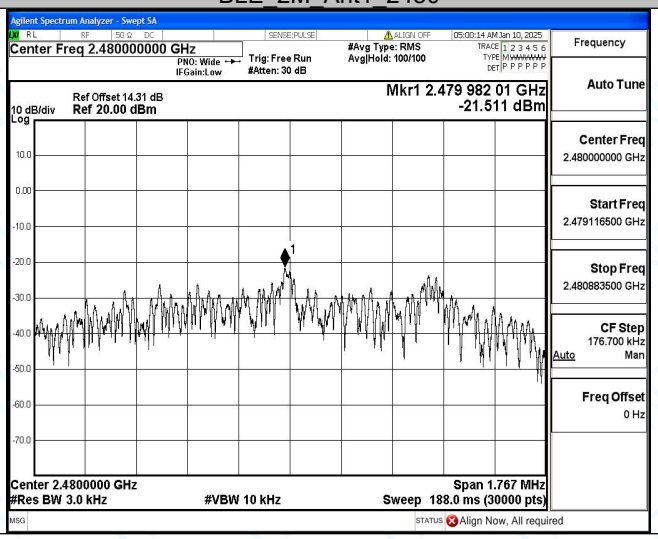
BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480



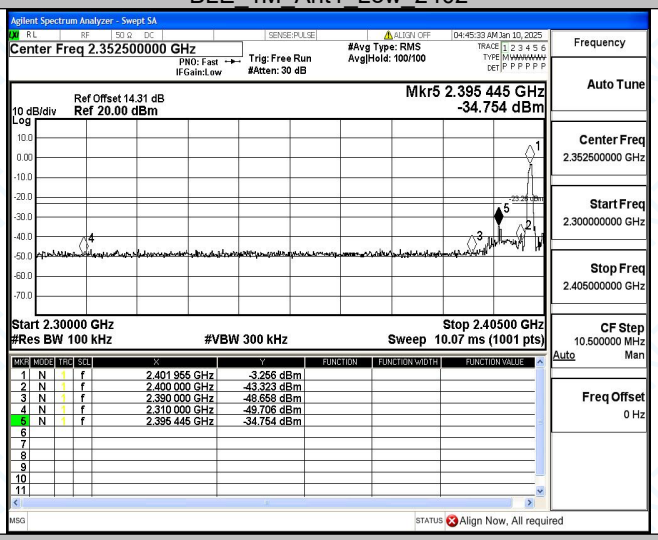
Appendix E: Band edge measurements

Test Result

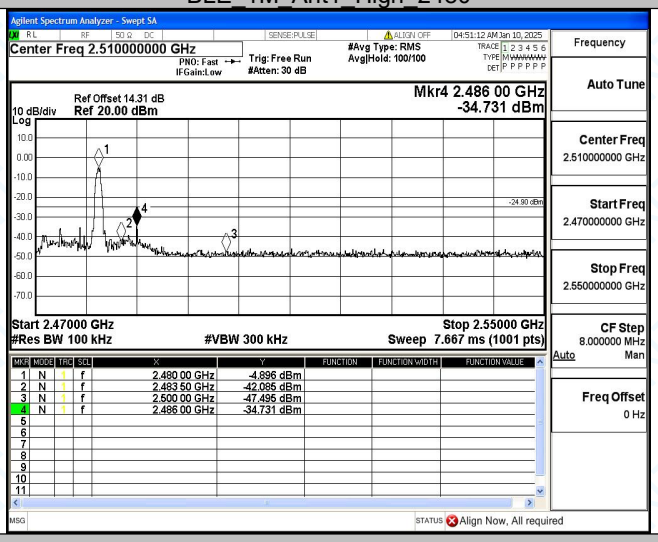
TestMode	Antenna	ChName	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-3.26	-34.75	≤-23.26	PASS
		High	2480	-4.90	-34.73	≤-24.9	PASS
BLE_2M	Ant1	Low	2402	-3.00	-35.58	≤-23	PASS
		High	2480	-4.81	-39.79	≤-24.81	PASS

Test Graphs

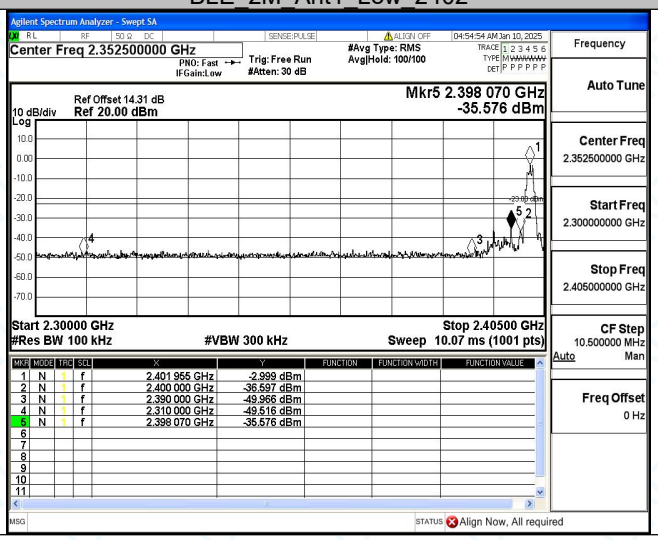
BLE_1M_Ant1_Low_2402



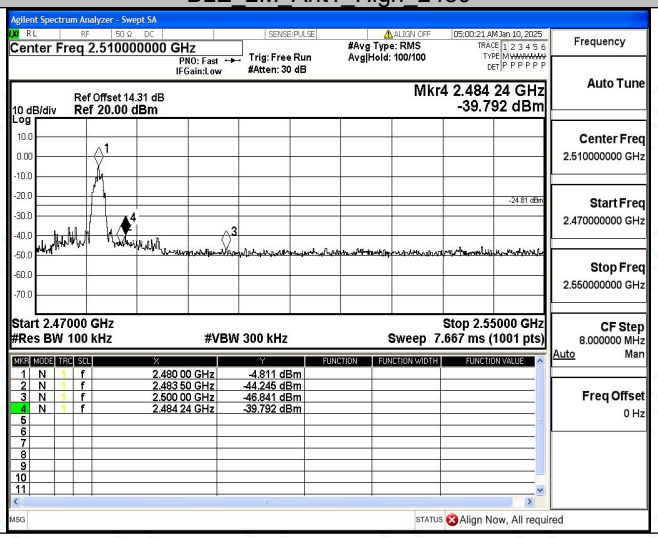
BLE_1M_Ant1_High_2480



BLE_2M_Ant1_Low_2402



BLE_2M_Ant1_High_2480



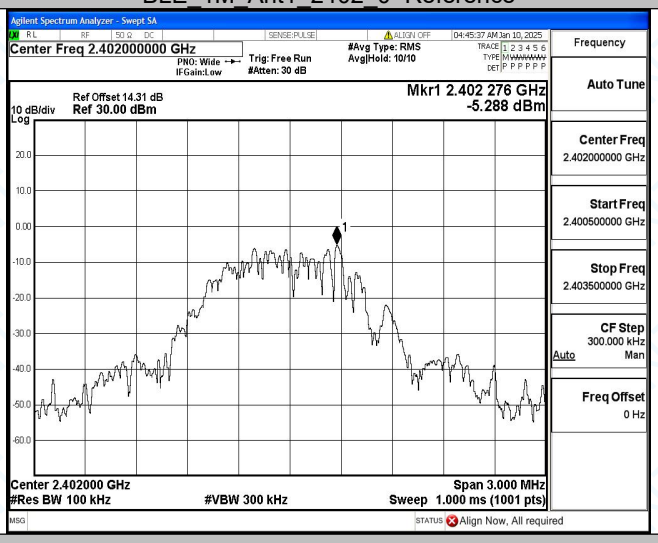
Appendix F: Conducted Spurious Emission

Test Result

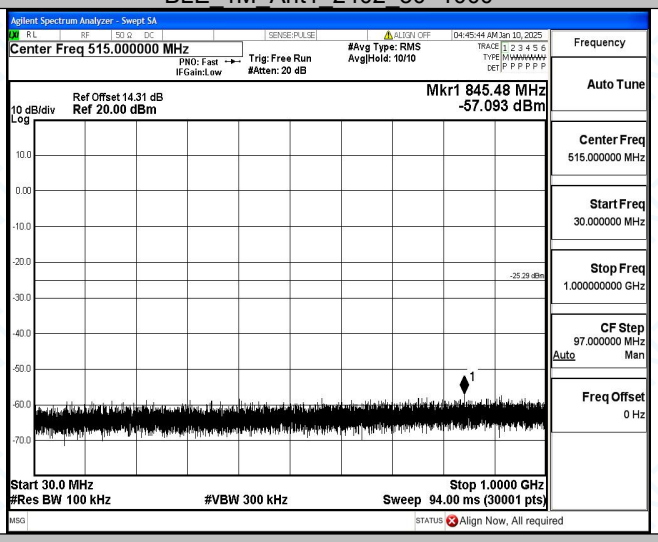
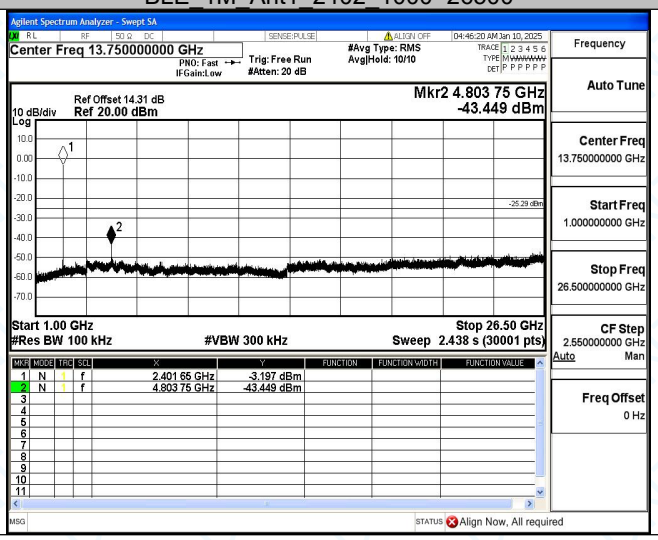
TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-5.29	-5.29	---	PASS
			30~1000	-5.29	-57.09	≤-25.29	PASS
			1000~26500	-5.29	-43.45	≤-25.29	PASS
		2440	Reference	-4.98	-4.98	---	PASS
			30~1000	-4.98	-57.41	≤-24.98	PASS
			1000~26500	-4.98	-40.73	≤-24.98	PASS
		2480	Reference	-5.09	-5.09	---	PASS
			30~1000	-5.09	-56.85	≤-25.09	PASS
			1000~26500	-5.09	-42.22	≤-25.09	PASS
BLE_2M	Ant1	2402	Reference	-2.87	-2.87	---	PASS
			30~1000	-2.87	-56.88	≤-22.87	PASS
			1000~26500	-2.87	-42.06	≤-22.87	PASS
		2440	Reference	-2.72	-2.72	---	PASS
			30~1000	-2.72	-57.47	≤-22.72	PASS
			1000~26500	-2.72	-39.86	≤-22.72	PASS
		2480	Reference	-4.84	-4.84	---	PASS
			30~1000	-4.84	-57.53	≤-24.84	PASS
			1000~26500	-4.84	-41.41	≤-24.84	PASS

Test Graphs

BLE_1M_Ant1_2402_0~Reference



BLE_1M_Ant1_2402_30~1000



BLE_1M_Ant1_2402_1000~26500