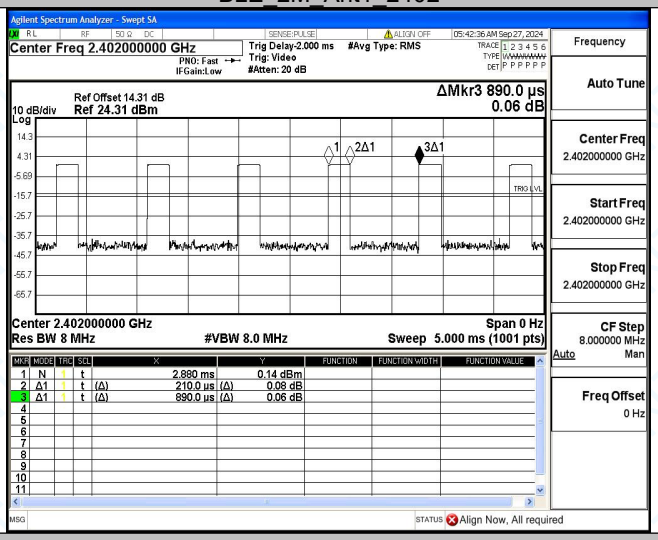
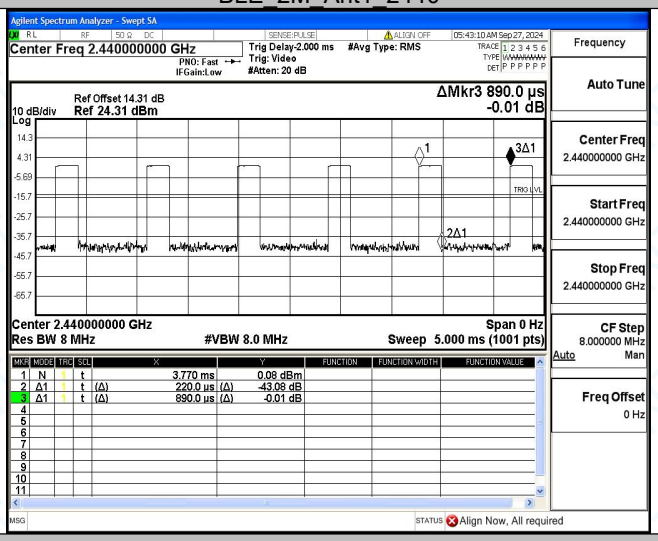
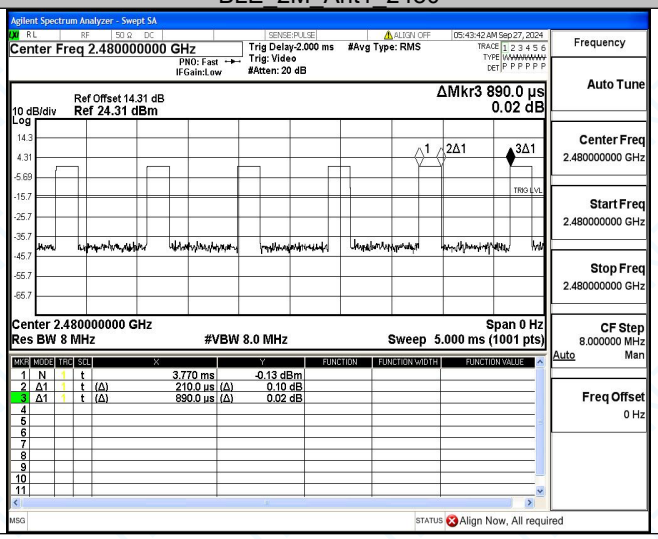
BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480



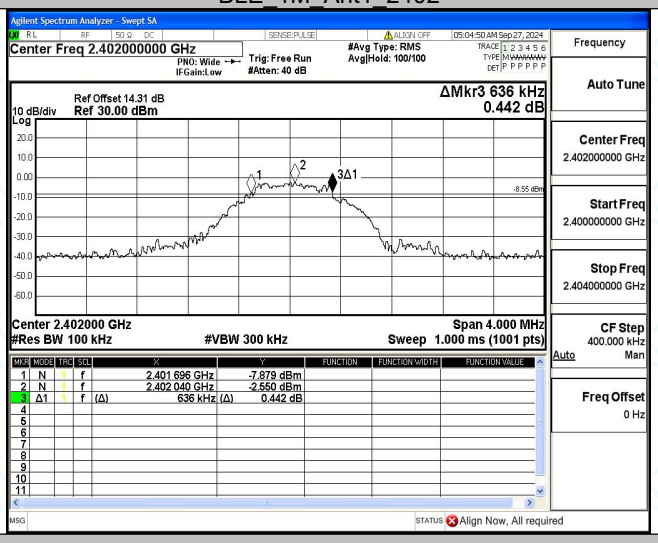
Appendix B: DTS Bandwidth

Test Result

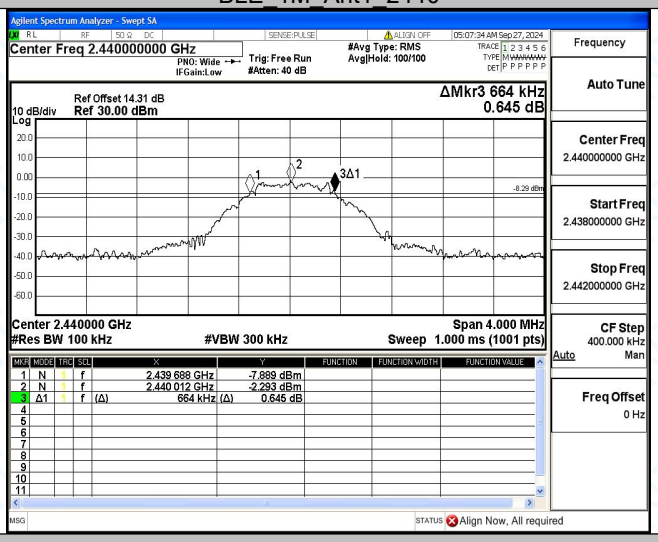
Test Mode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.636	2401.696	2402.332	0.5	PASS
		2440	0.664	2439.688	2440.352	0.5	PASS
		2480	0.668	2479.700	2480.368	0.5	PASS
BLE_2M	Ant1	2402	1.148	2401.456	2402.604	0.5	PASS
		2440	1.224	2439.388	2440.612	0.5	PASS
		2480	1.072	2479.464	2480.536	0.5	PASS

Test Graphs

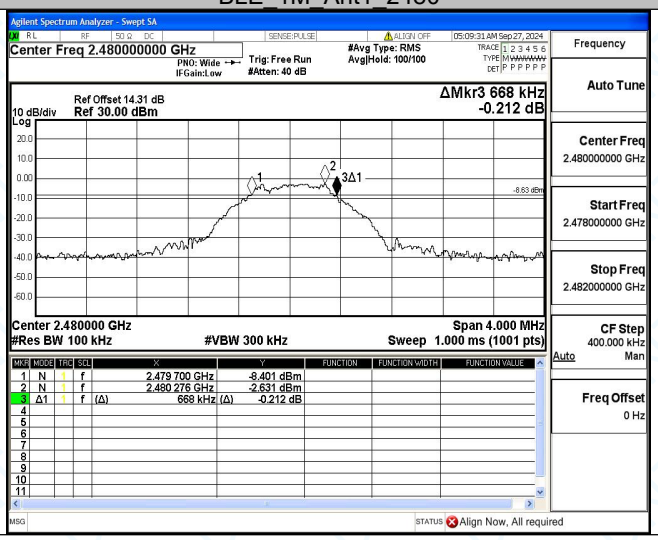
BLE_1M_Ant1_2402



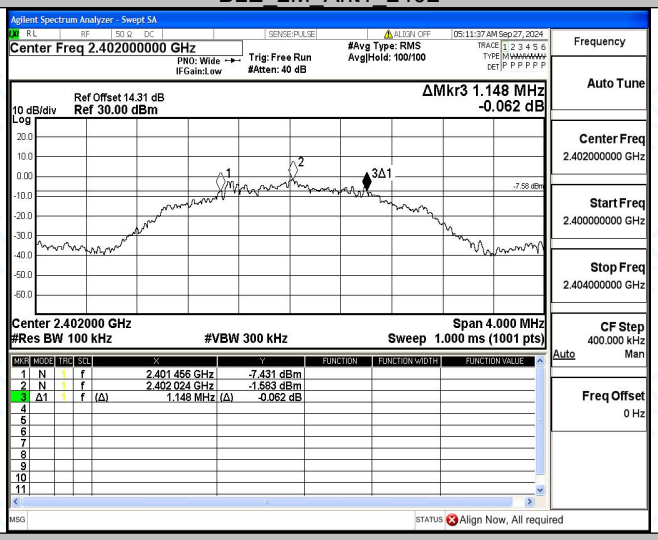
BLE_1M_Ant1_2440



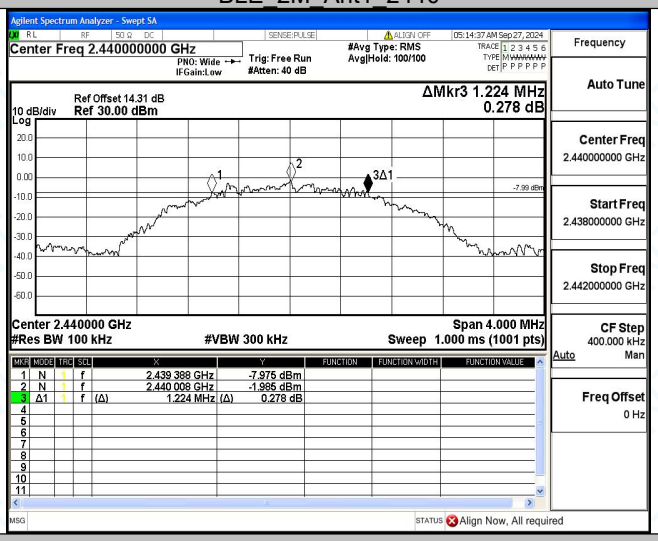
BLE_1M_Ant1_2480



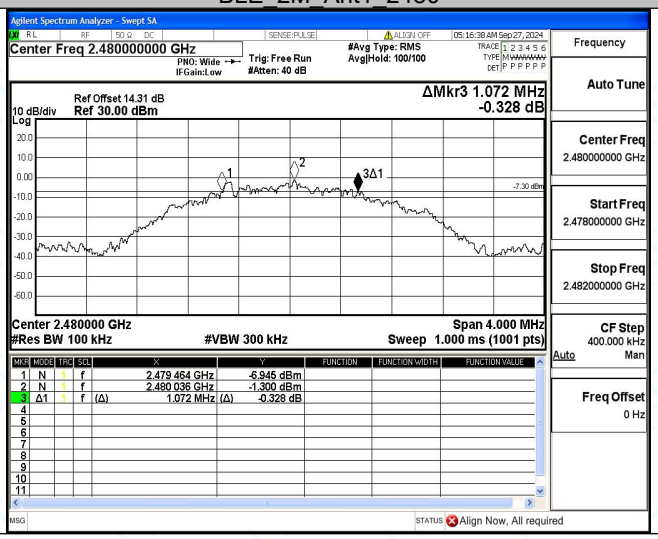
BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480



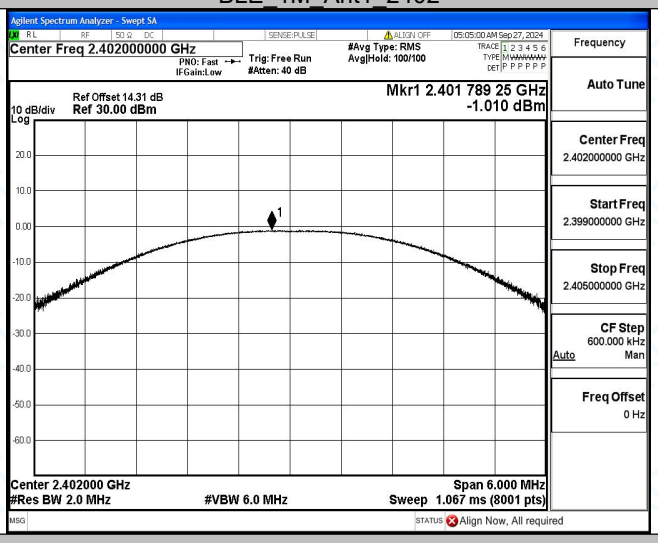
Appendix C: Maximum conducted output power

Test Result

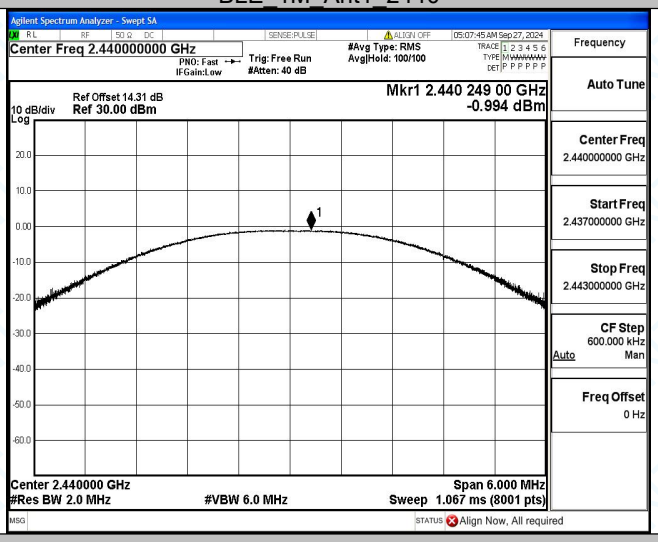
Test Mode	Antenna	Freq(MHz)	Power [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	-1.01	≤30	PASS
		2440	-0.99	≤30	PASS
		2480	-0.74	≤30	PASS
BLE_2M	Ant1	2402	0.19	≤30	PASS
		2440	-0.15	≤30	PASS
		2480	0.04	≤30	PASS

Test Graphs

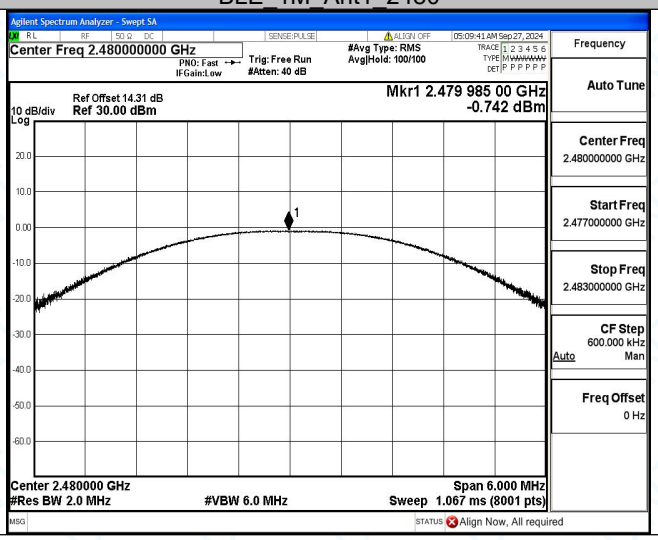
BLE_1M_Ant1_2402



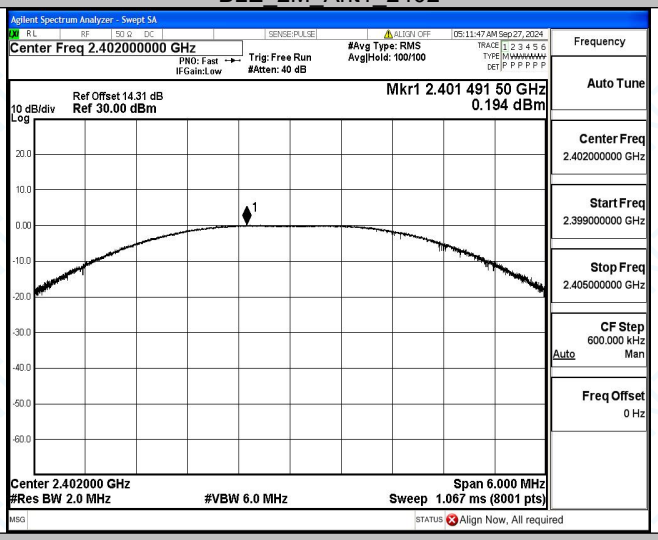
BLE_1M_Ant1_2440



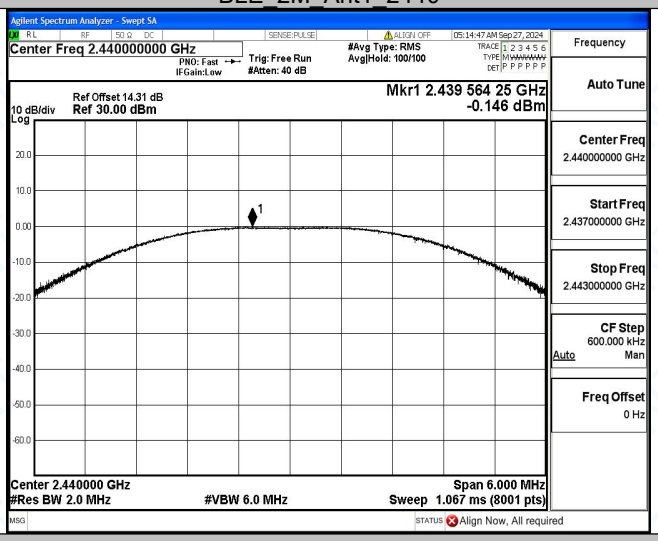
BLE_1M_Ant1_2480



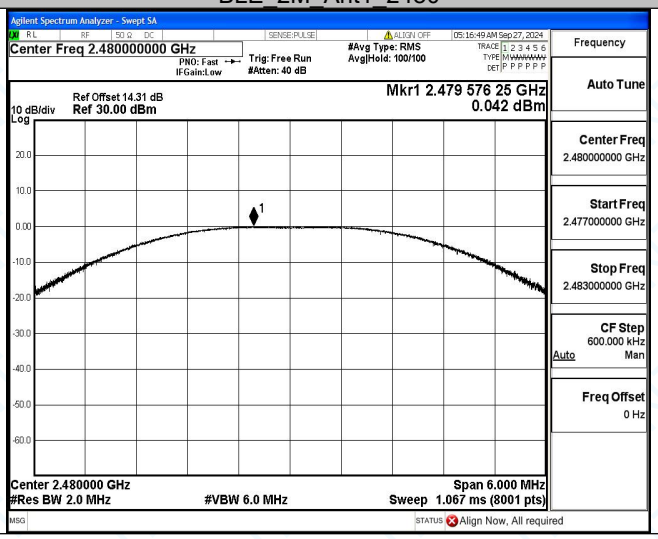
BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480



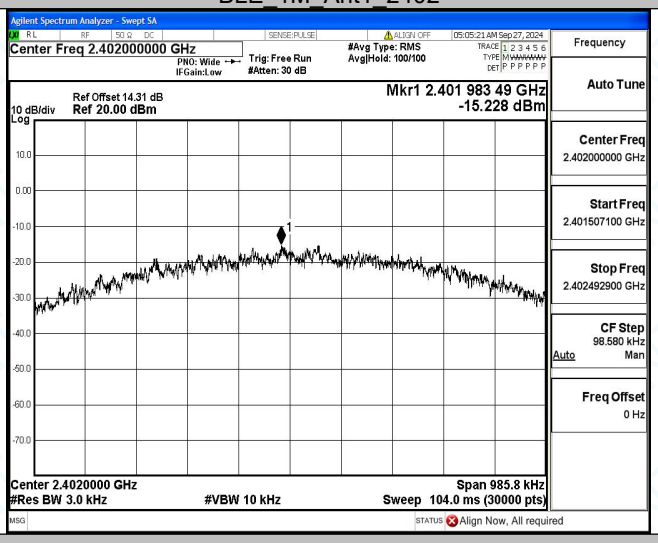
Appendix D: Maximum power spectral density

Test Result

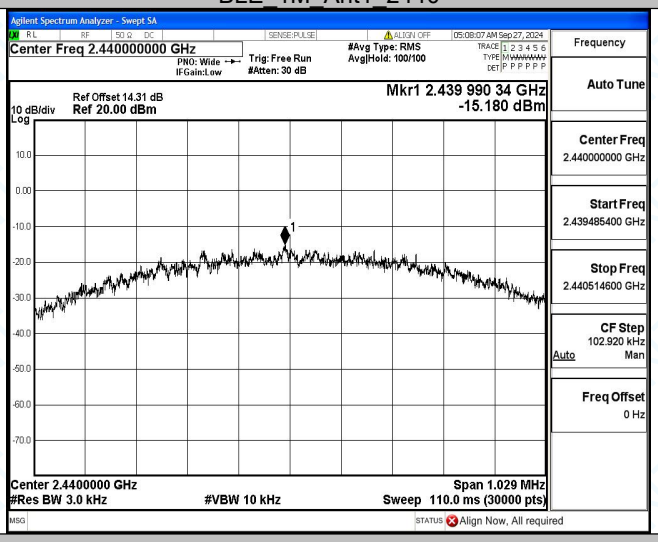
Test Mode	Antenna	Freq(MHz)	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-15.23	≤8.00	PASS
		2440	-15.18	≤8.00	PASS
		2480	-15.00	≤8.00	PASS
BLE_2M	Ant1	2402	-16.60	≤8.00	PASS
		2440	-17.30	≤8.00	PASS
		2480	-17.00	≤8.00	PASS

Test Graphs

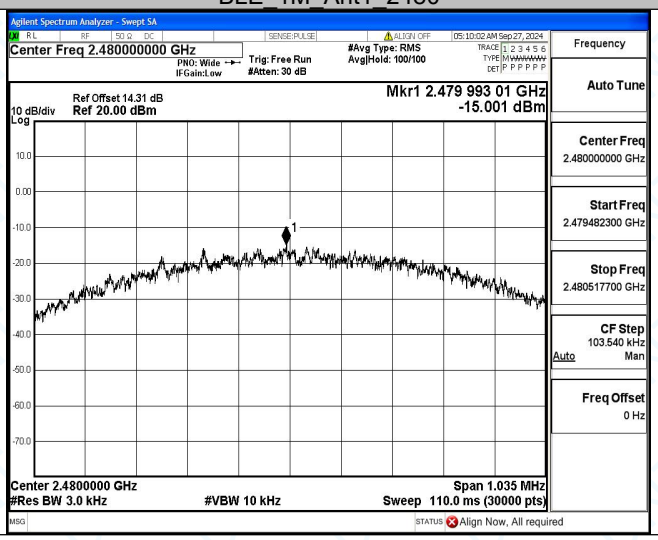
BLE_1M_Ant1_2402



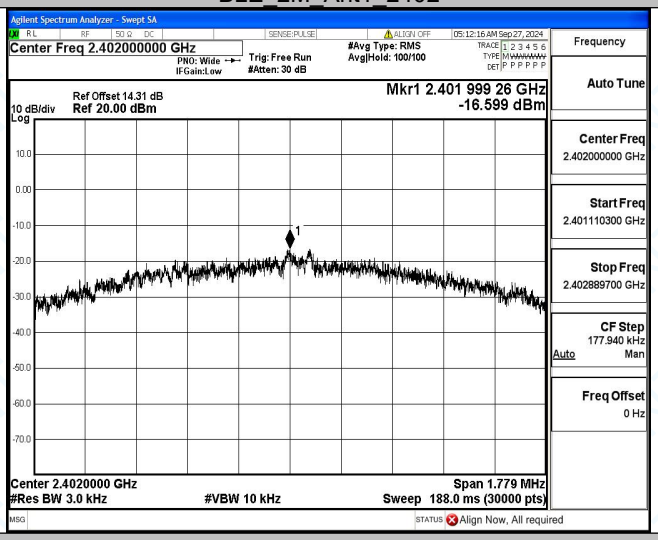
BLE_1M_Ant1_2440



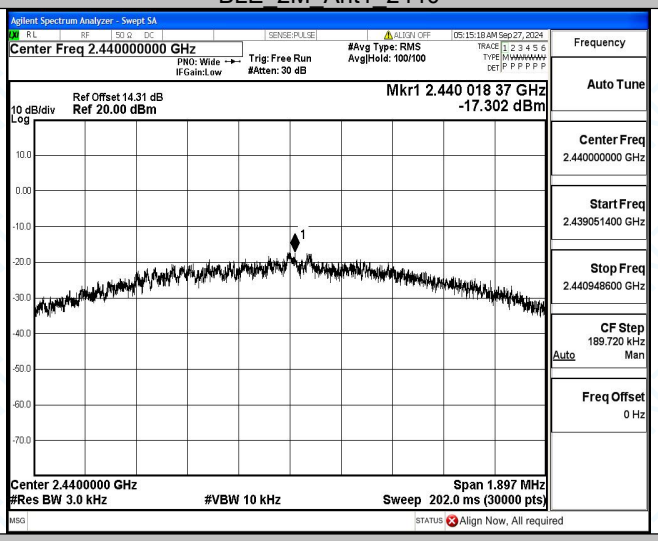
BLE_1M_Ant1_2480



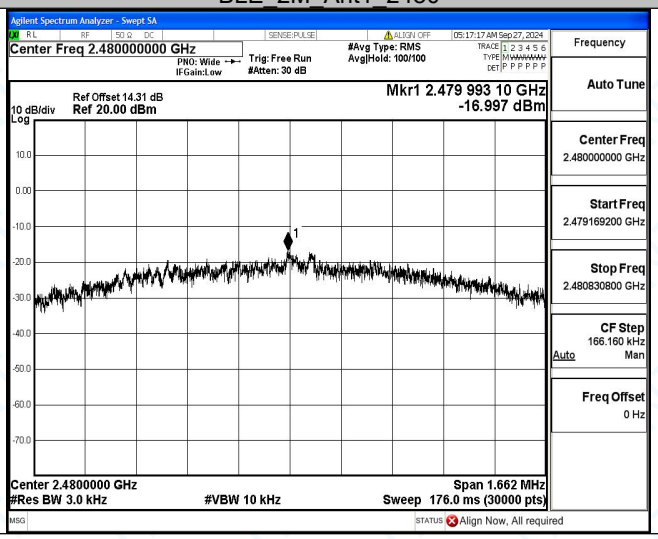
BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480



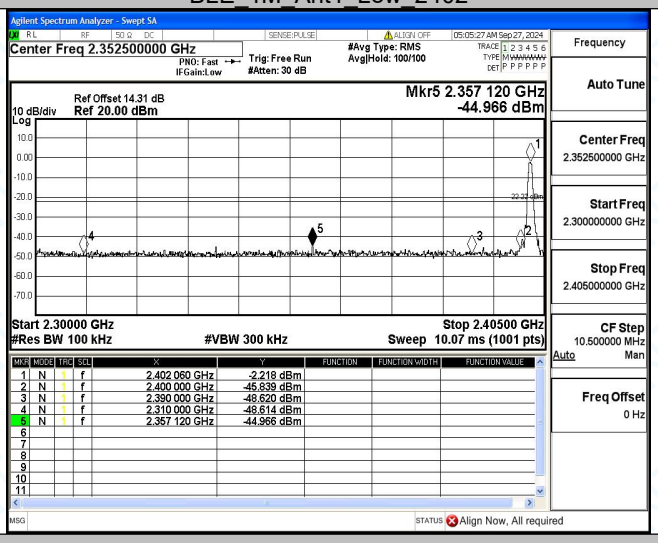
Appendix E: Band edge measurements

Test Result

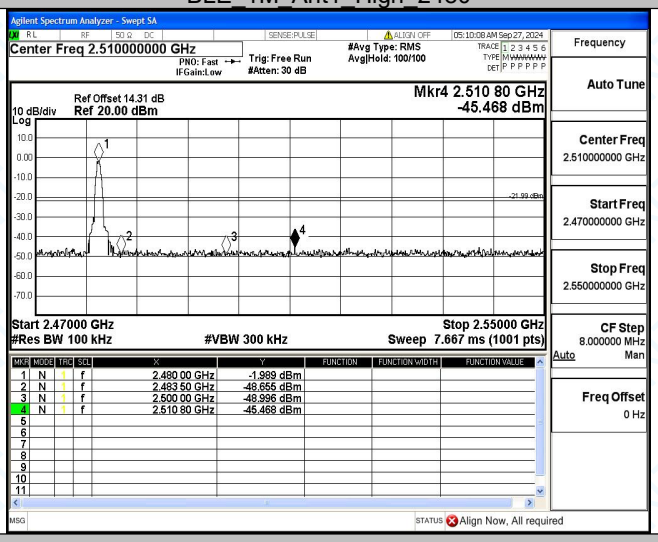
Test Mode	Antenna	Ch Name	Freq (MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-2.22	-44.97	≤-22.22	PASS
		High	2480	-1.99	-45.47	≤-21.99	PASS
BLE_2M	Ant1	Low	2402	-1.24	-34.17	≤-21.24	PASS
		High	2480	-1.22	-45.23	≤-21.22	PASS

Test Graphs

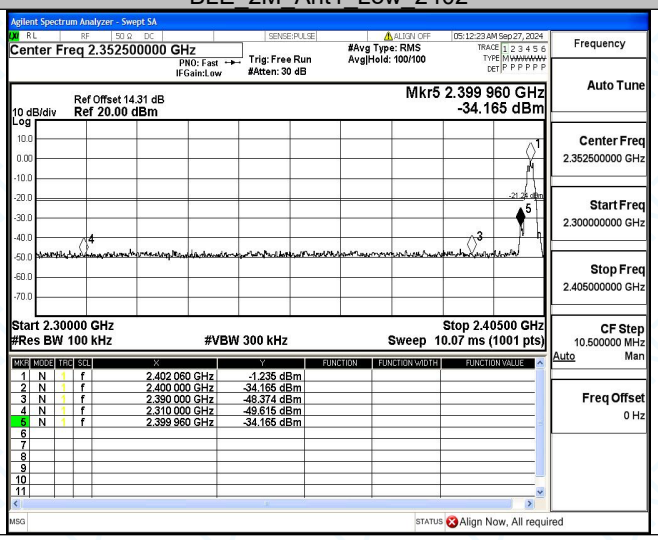
BLE_1M_Ant1_Low_2402



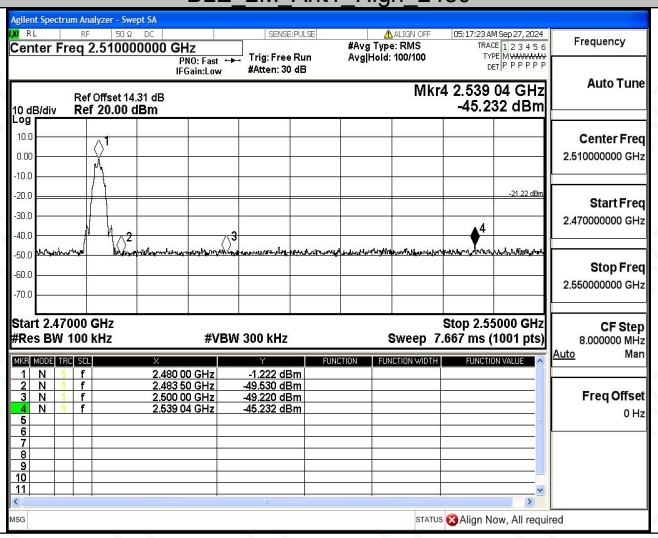
BLE_1M_Ant1_High_2480



BLE_2M_Ant1_Low_2402



BLE_2M_Ant1_High_2480



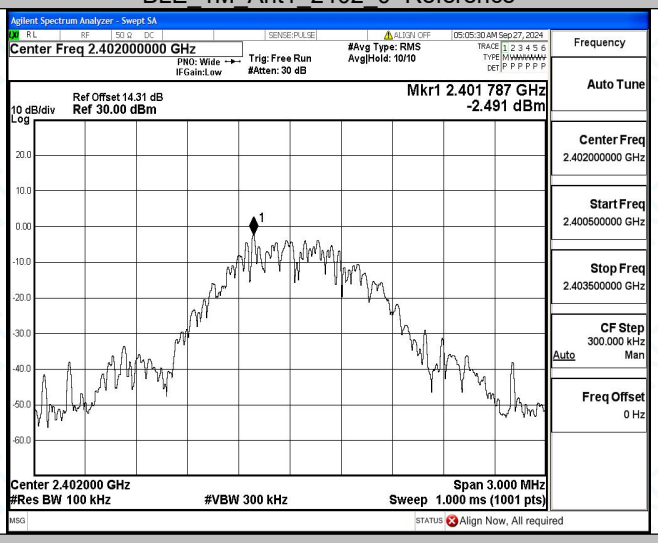
Appendix F: Conducted Spurious Emission

Test Result

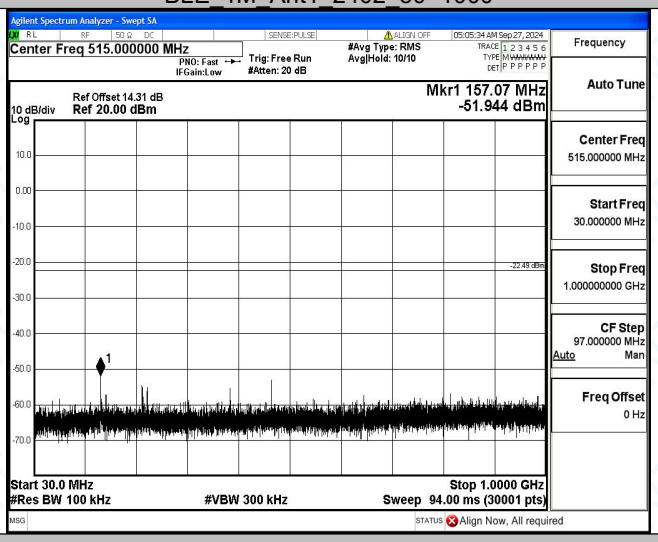
Test Mode	Antenna	Freq(MHz)	Freq Range [Mhz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-2.49	-2.49	---	PASS
			30~1000	-2.49	-51.94	≤-22.49	PASS
			1000~26500	-2.49	-46.19	≤-22.49	PASS
		2440	Reference	-2.18	-2.18	---	PASS
			30~1000	-2.18	-52.31	≤-22.18	PASS
			1000~26500	-2.18	-44.12	≤-22.18	PASS
		2480	Reference	-2.41	-2.41	---	PASS
			30~1000	-2.41	-52.24	≤-22.41	PASS
			1000~26500	-2.41	-44.5	≤-22.41	PASS
BLE_2M	Ant1	2402	Reference	-1.55	-1.55	---	PASS
			30~1000	-1.55	-52.24	≤-21.55	PASS
			1000~26500	-1.55	-45.09	≤-21.55	PASS
		2440	Reference	-4.04	-4.04	---	PASS
			30~1000	-4.04	-51.8	≤-24.04	PASS
			1000~26500	-4.04	-43.38	≤-24.04	PASS
		2480	Reference	-1.52	-1.52	---	PASS
			30~1000	-1.52	-53.06	≤-21.52	PASS
			1000~26500	-1.52	-44.58	≤-21.52	PASS

Test Graphs

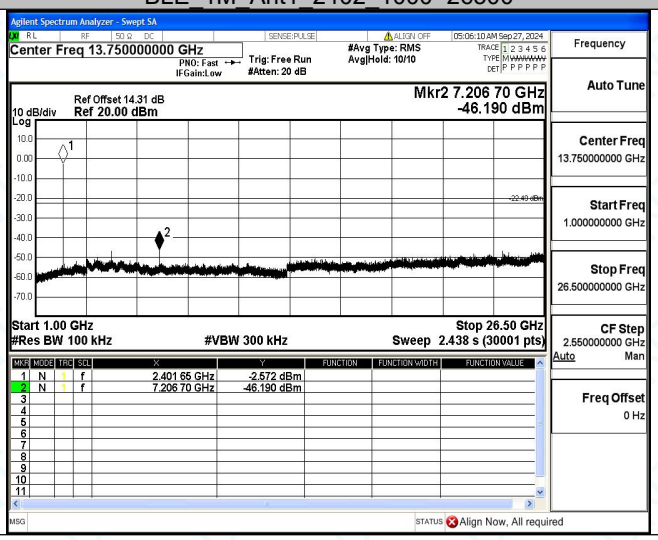
BLE_1M_Ant1_2402_0~Reference



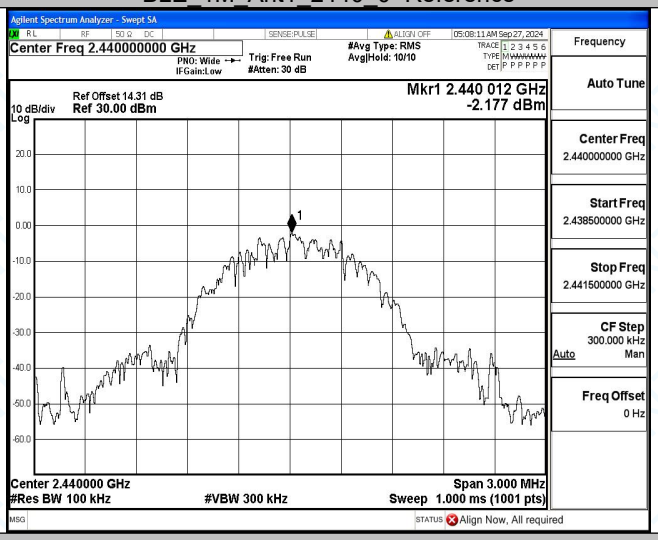
BLE_1M_Ant1_2402_30~1000



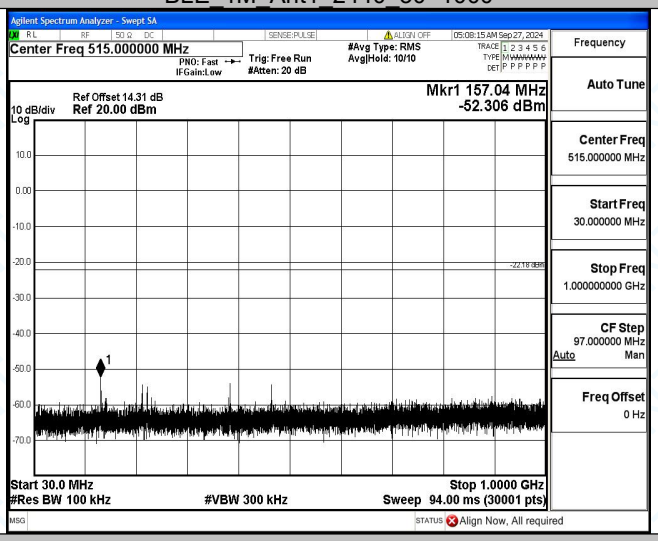
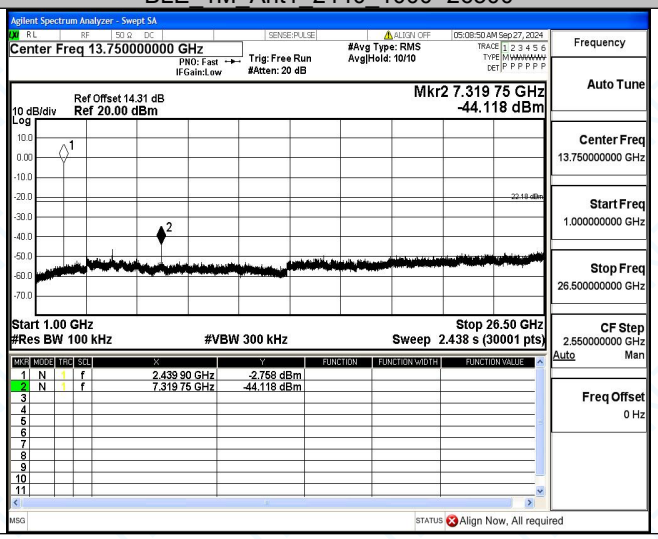
BLE_1M_Ant1_2402_1000~26500



BLE_1M_Ant1_2440_0~Reference



BLE_1M_Ant1_2440_30~1000



BLE_1M_Ant1_2440_1000~26500