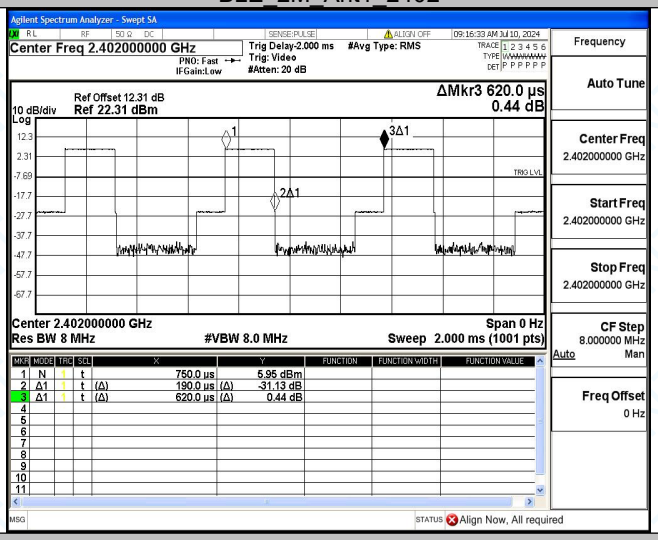
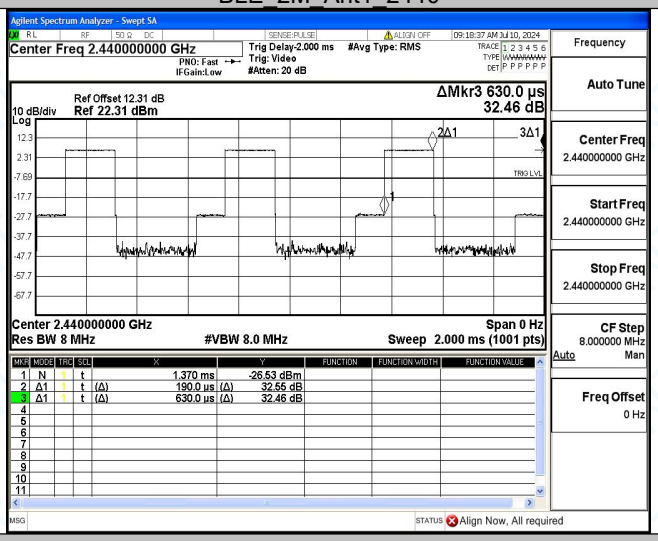
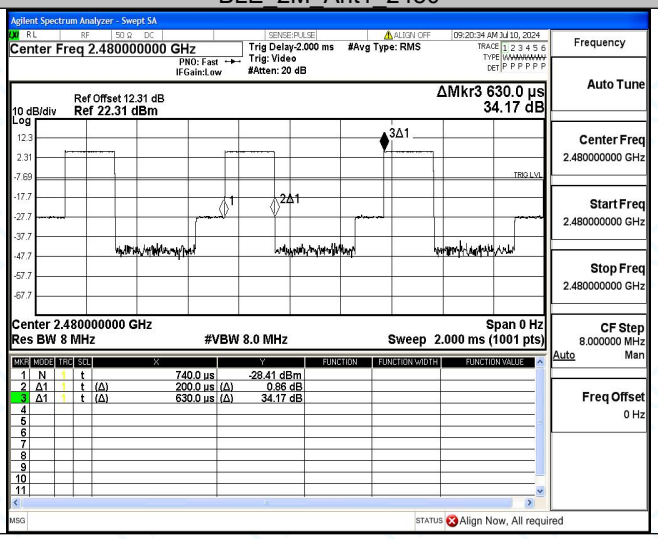
BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480



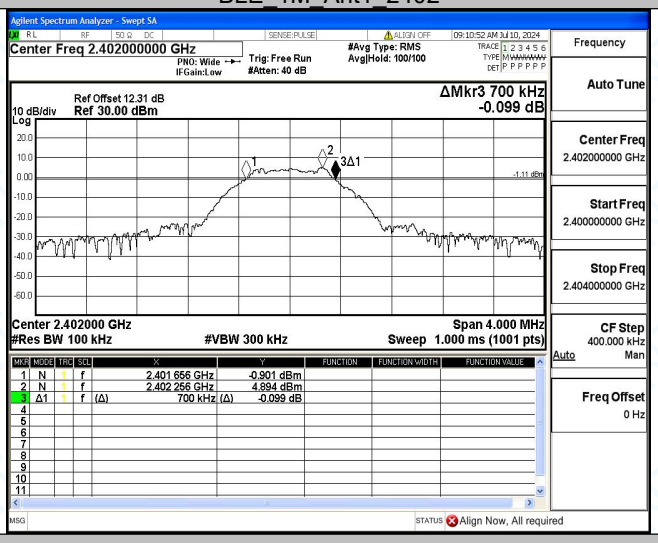
Appendix B: DTS Bandwidth

Test Result

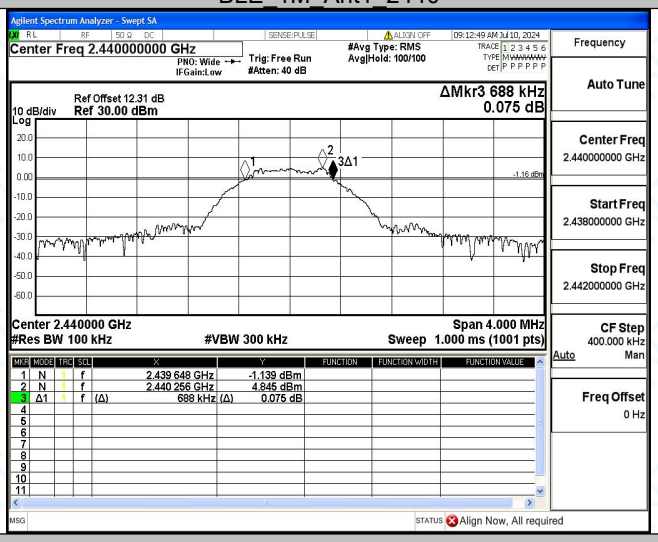
TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.700	2401.656	2402.356	0.5	PASS
		2440	0.688	2439.648	2440.336	0.5	PASS
		2480	0.704	2479.648	2480.352	0.5	PASS
BLE_2M	Ant1	2402	1.220	2401.372	2402.592	0.5	PASS
		2440	1.204	2439.356	2440.560	0.5	PASS
		2480	1.268	2479.340	2480.608	0.5	PASS

Test Graphs

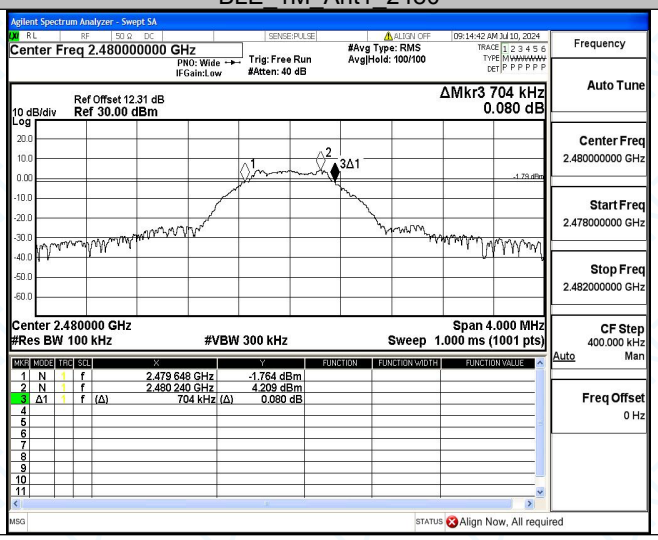
BLE_1M_Ant1_2402



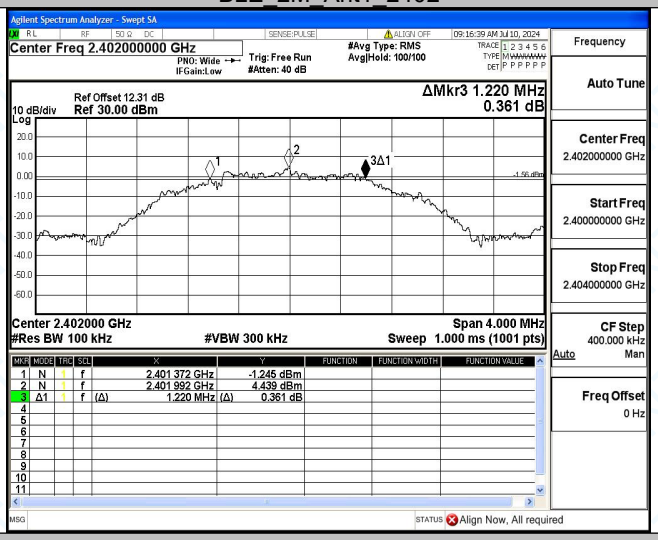
BLE_1M_Ant1_2440



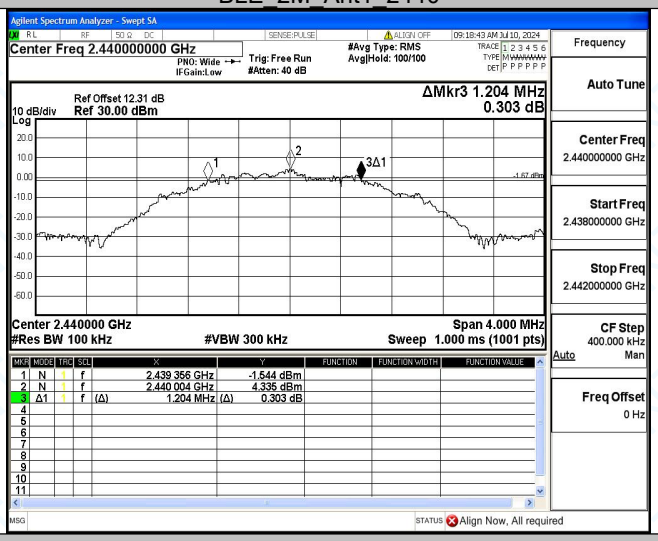
BLE_1M_Ant1_2480



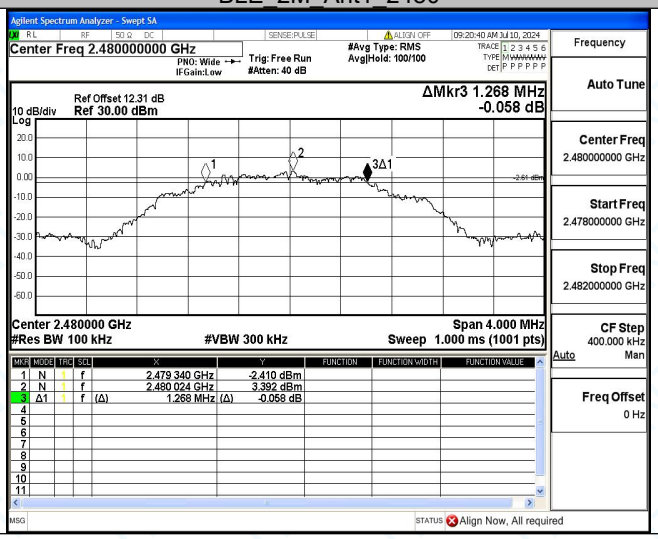
BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480



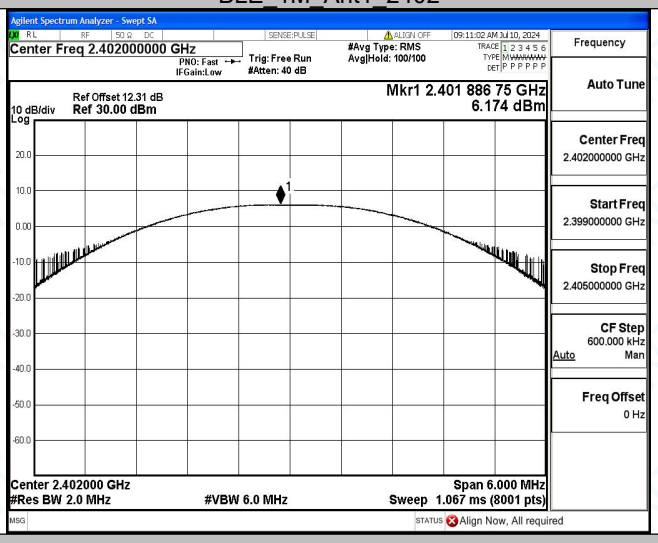
Appendix C: Maximum conducted output power

Test Result Peak

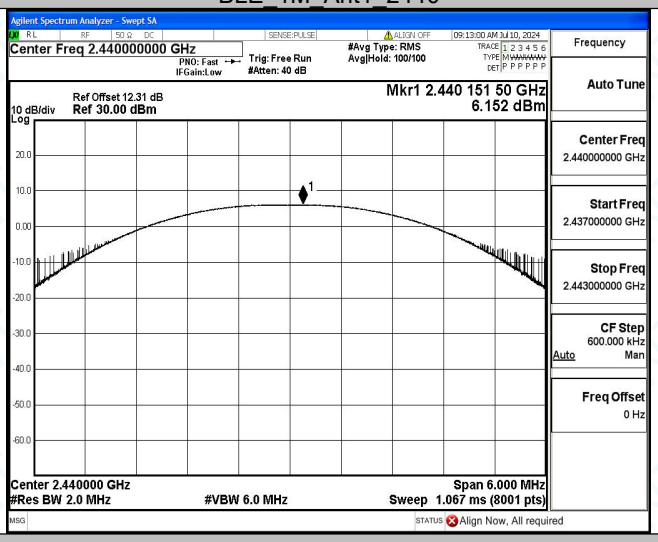
TestMode	Antenna	Freq(MHz)	Conducted Peak Powert[dBm]	Conducted Limit[dBm]	EIRP[dBm]	EIRP Limit[dBm]	Verdict
BLE_1M	Ant1	2402	6.17	≤30	6.17	≤36	PASS
		2440	6.15	≤30	6.15	≤36	PASS
		2480	5.60	≤30	5.60	≤36	PASS
BLE_2M	Ant1	2402	6.40	≤30	6.40	≤36	PASS
		2440	6.21	≤30	6.21	≤36	PASS
		2480	5.61	≤30	5.61	≤36	PASS

Test Graphs Peak

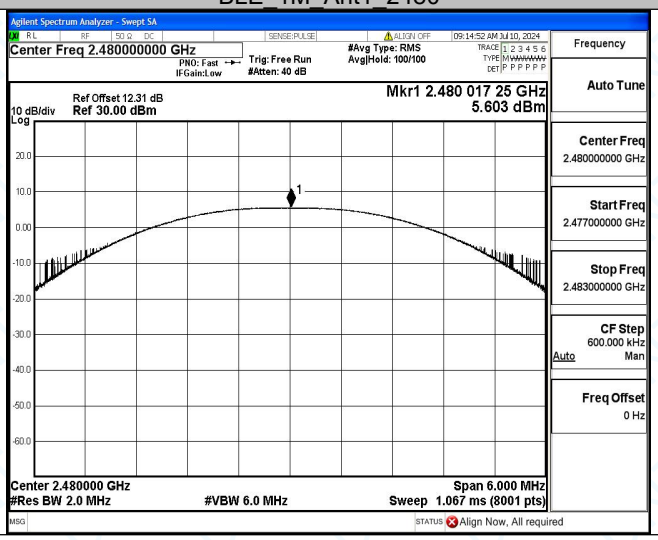
BLE_1M_Ant1_2402



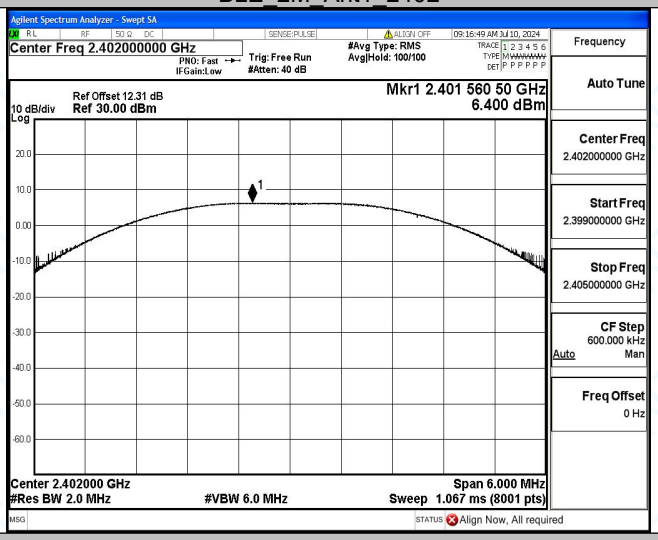
BLE_1M_Ant1_2440



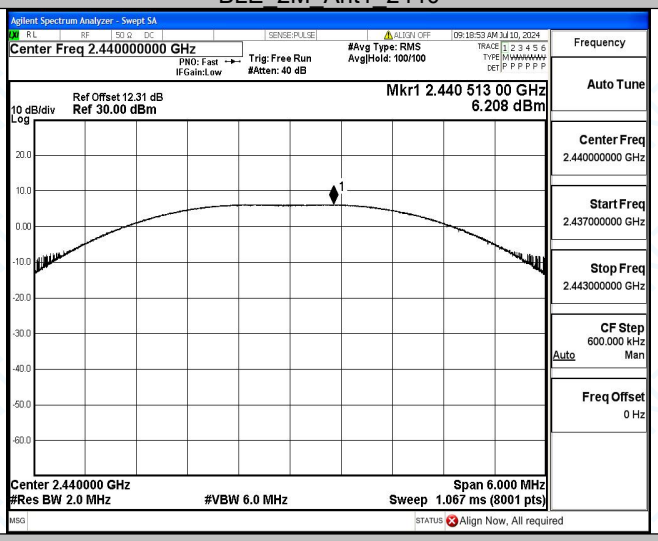
BLE_1M_Ant1_2480



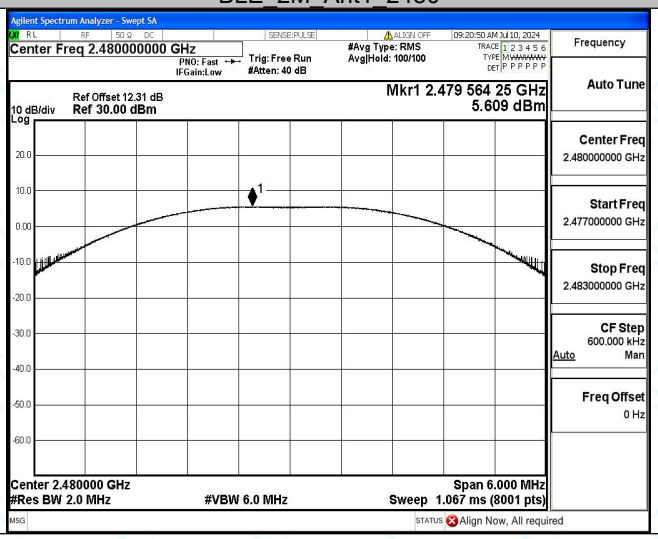
BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480



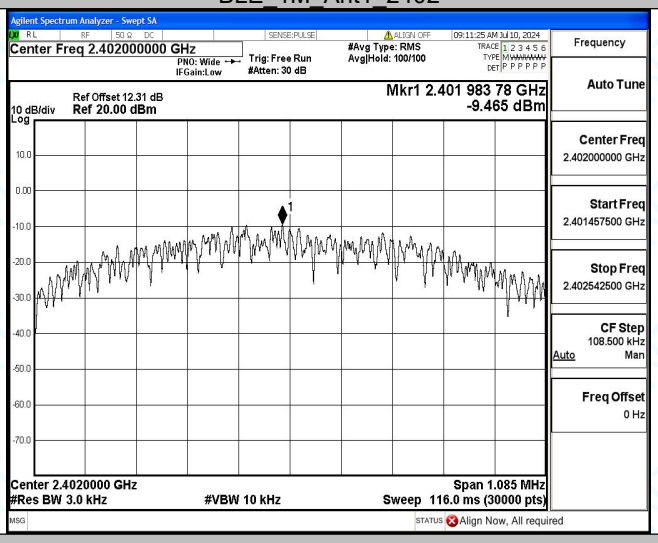
Appendix D: Maximum power spectral density

Test Result

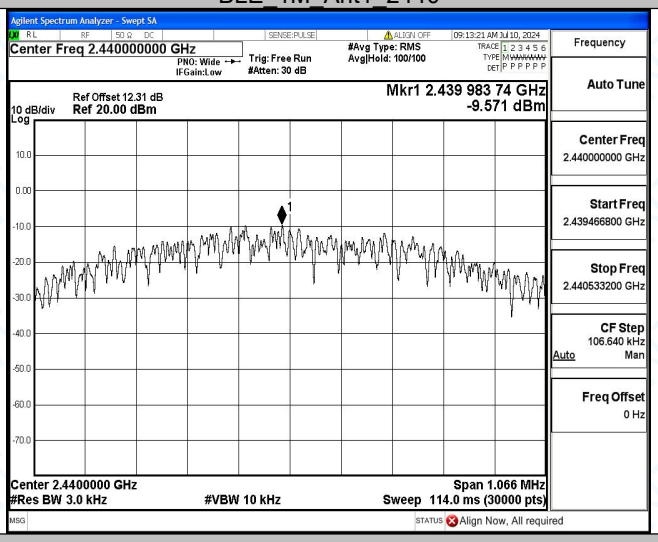
Test Mode	Antenna	Freq(MHz)	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-9.47	≤8.00	PASS
		2440	-9.57	≤8.00	PASS
		2480	-10.16	≤8.00	PASS
BLE_2M	Ant1	2402	-11.48	≤8.00	PASS
		2440	-11.57	≤8.00	PASS
		2480	-12.18	≤8.00	PASS

Test Graphs

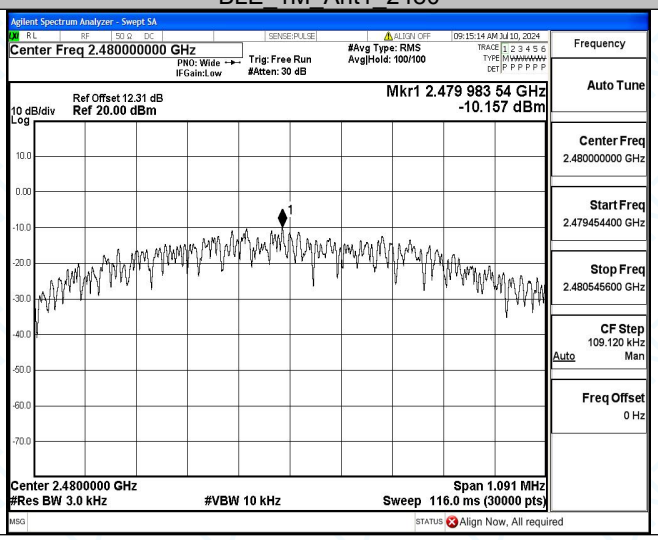
BLE_1M_Ant1_2402



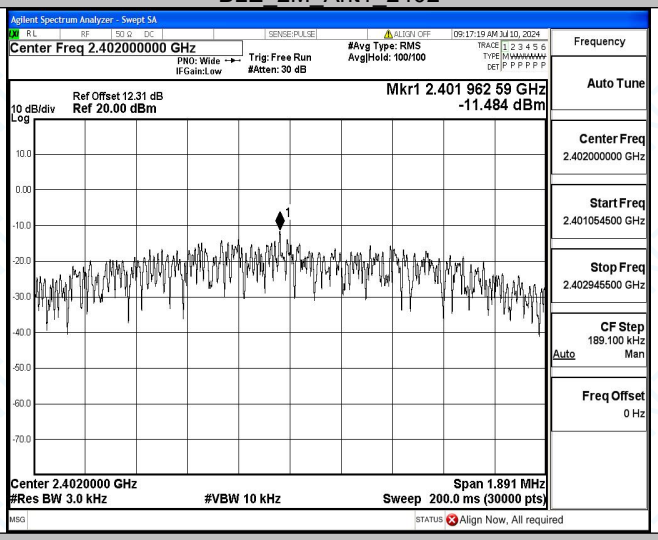
BLE_1M_Ant1_2440



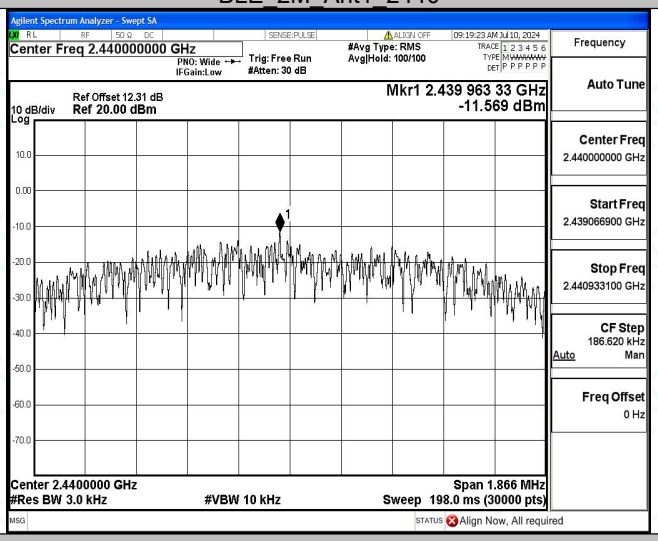
BLE_1M_Ant1_2480



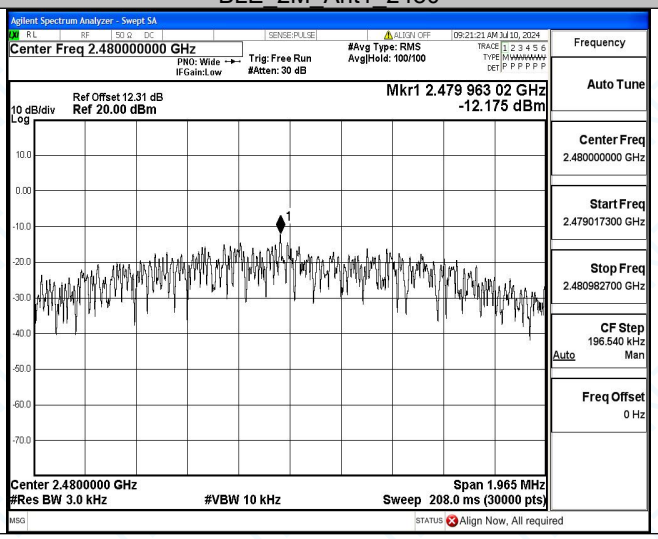
BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480



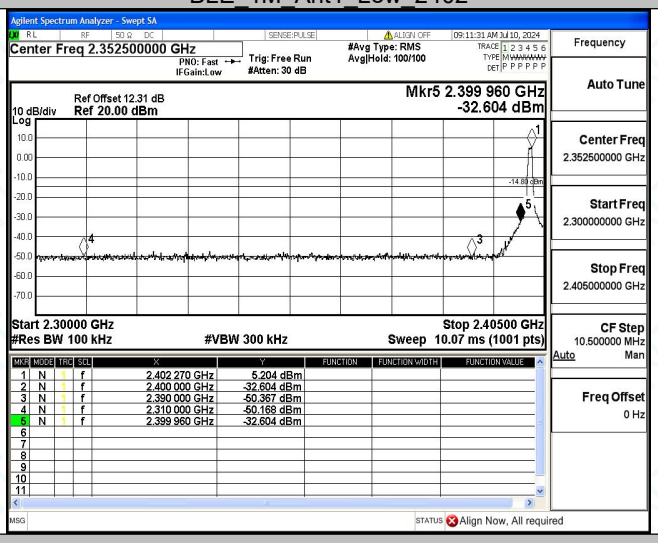
Appendix E: Band edge measurements

Test Result

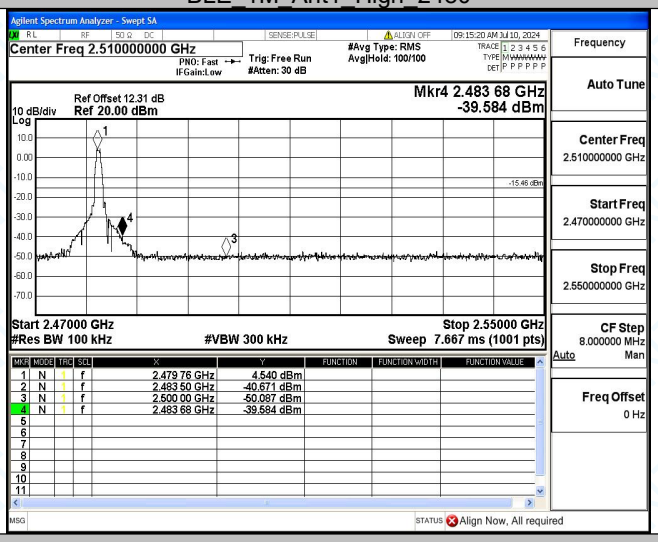
Test Mode	Antenna	Ch Name	Freq (MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	5.20	-32.6	≤-14.8	PASS
		High	2480	4.54	-39.58	≤-15.46	PASS
BLE_2M	Ant1	Low	2402	3.78	-28.34	≤-16.22	PASS
		High	2480	2.21	-38.67	≤-17.79	PASS

Test Graphs

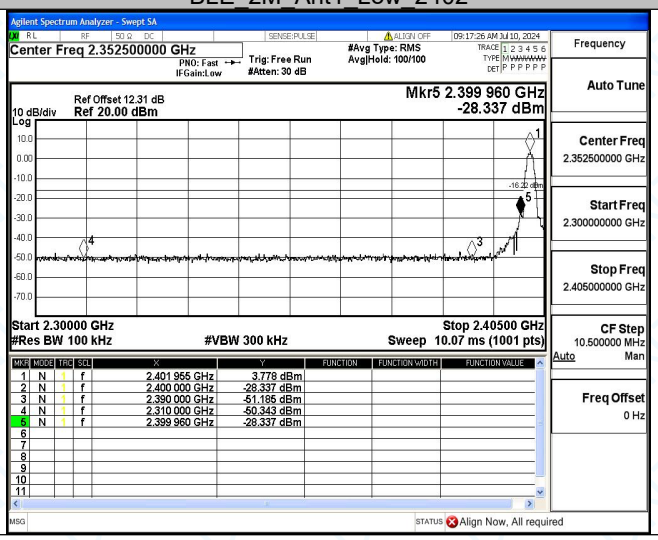
BLE_1M_Ant1_Low_2402



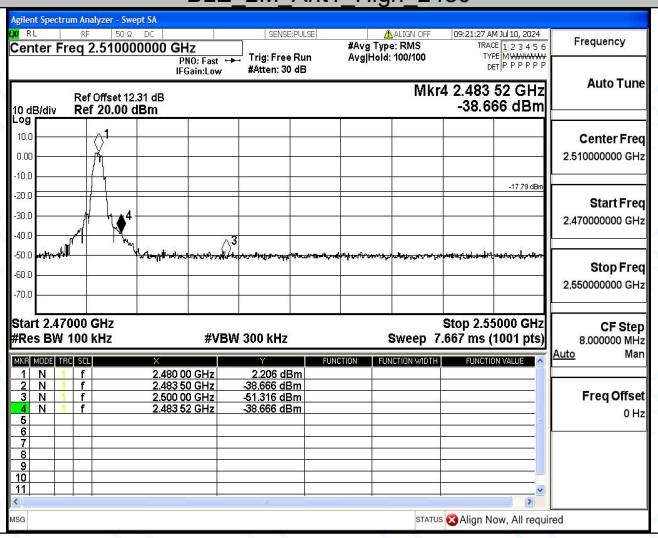
BLE_1M_Ant1_High_2480



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	3.97	3.97	---	PASS
			30~1000	3.97	-56.79	≤-16.03	PASS
			1000~26500	3.97	-48.73	≤-16.03	PASS
		2440	Reference	4.69	4.69	---	PASS
			30~1000	4.69	-57.56	≤-15.31	PASS
			1000~26500	4.69	-49	≤-15.31	PASS
		2480	Reference	4.14	4.14	---	PASS
			30~1000	4.14	-59.6	≤-15.86	PASS
			1000~26500	4.14	-47.4	≤-15.86	PASS
BLE_2M	Ant1	2402	Reference	4.46	4.46	---	PASS
			30~1000	4.46	-57.65	≤-15.54	PASS
			1000~26500	4.46	-49.39	≤-15.54	PASS
		2440	Reference	1.39	1.39	---	PASS
			30~1000	1.39	-55.64	≤-18.61	PASS
			1000~26500	1.39	-48.59	≤-18.61	PASS
		2480	Reference	3.07	3.07	---	PASS
			30~1000	3.07	-56.17	≤-16.93	PASS
			1000~26500	3.07	-48.79	≤-16.93	PASS