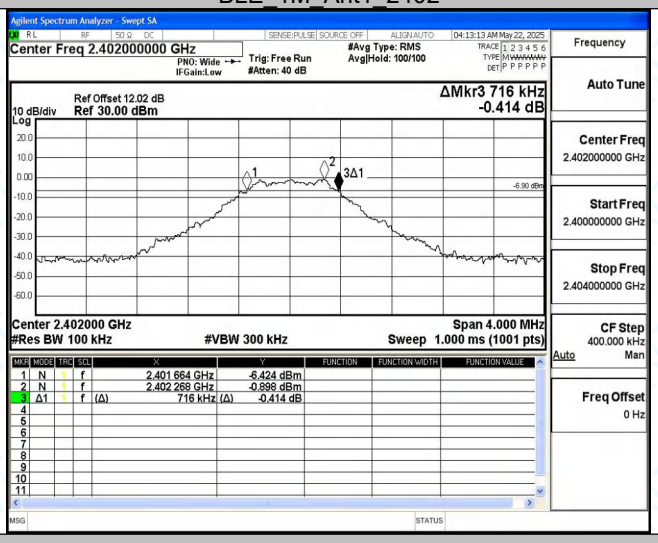
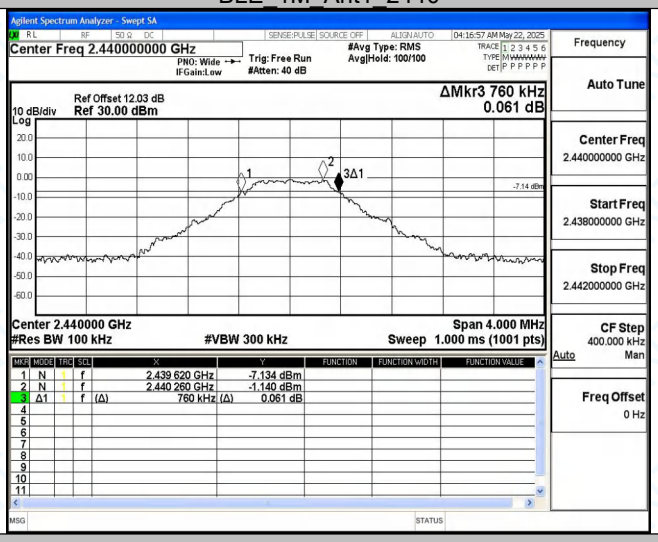
Test Graphs

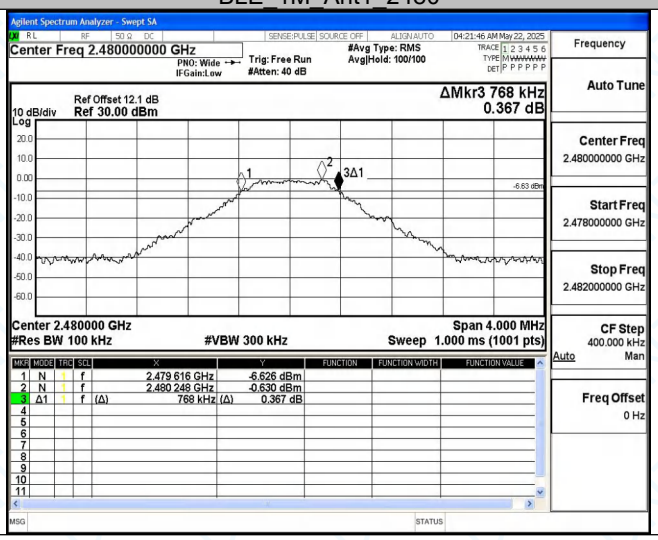
BLE_1M_Ant1_2402



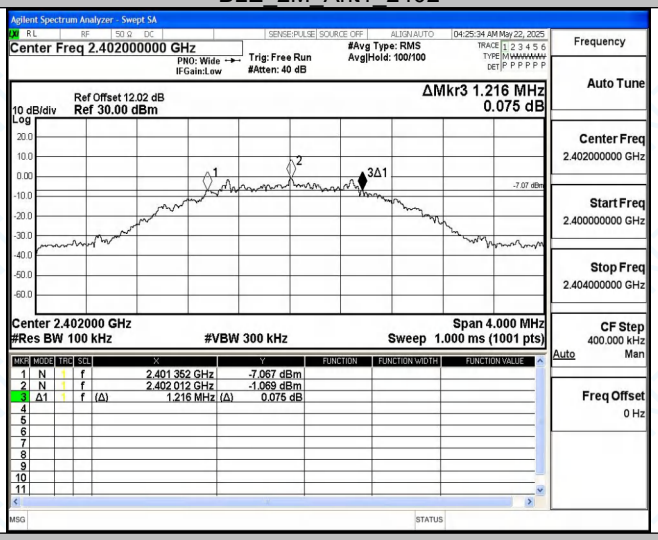
BLE_1M_Ant1_2440



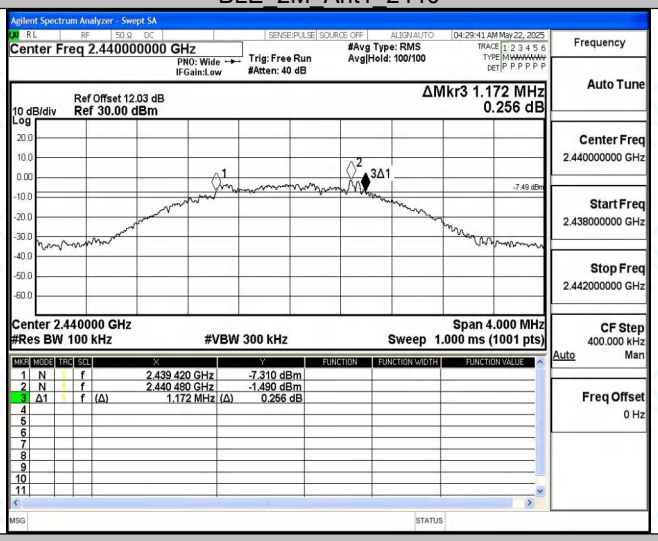
BLE_1M_Ant1_2480



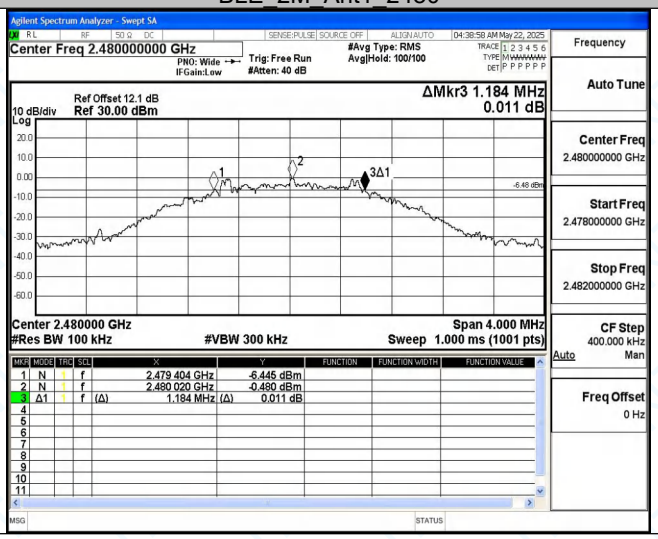
BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480



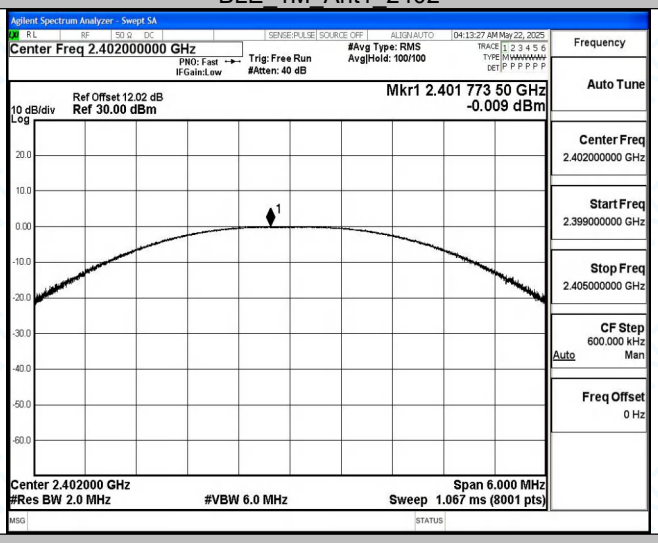
Appendix C: Maximum conducted output power

Test Result

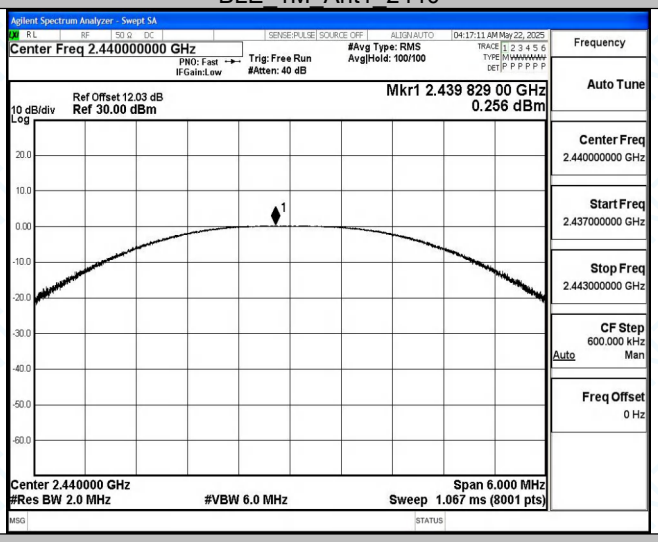
TestMode	Antenna	Freq(MHz)	Conducted Peak Powert[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-0.01	≤30	PASS
		2440	0.26	≤30	PASS
		2480	0.61	≤30	PASS
BLE_2M	Ant1	2402	-0.03	≤30	PASS
		2440	0.30	≤30	PASS
		2480	0.69	≤30	PASS

Test Graphs

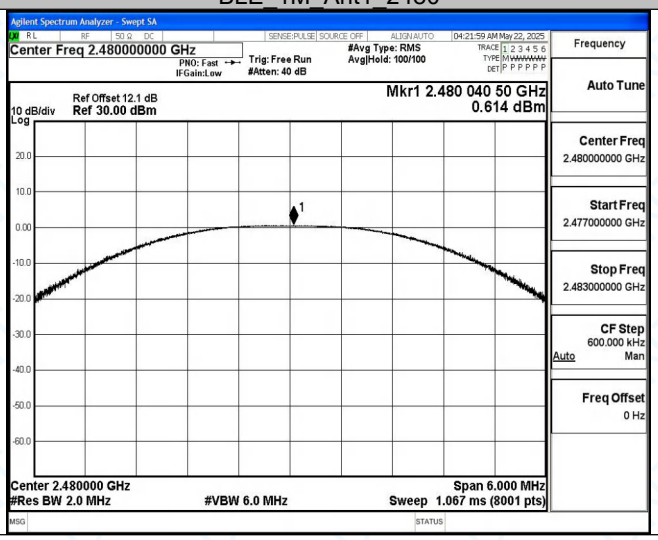
BLE_1M_Ant1_2402



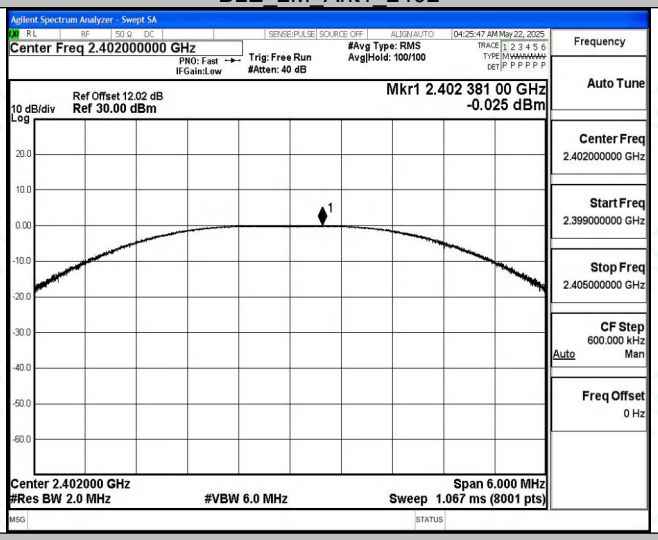
BLE_1M_Ant1_2440



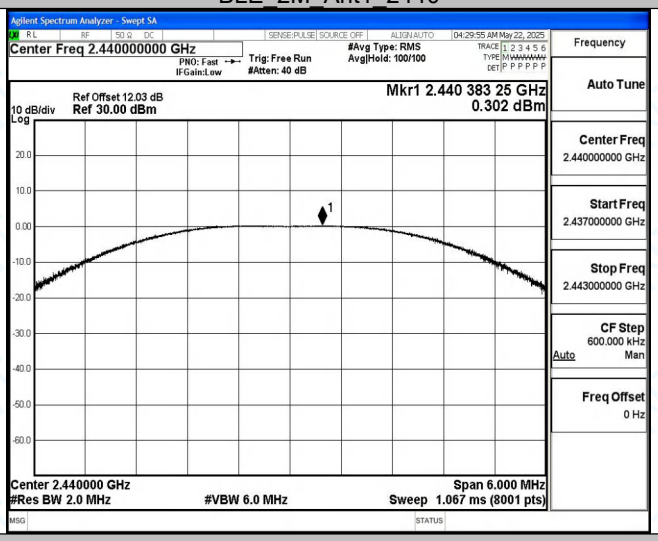
BLE_1M_Ant1_2480



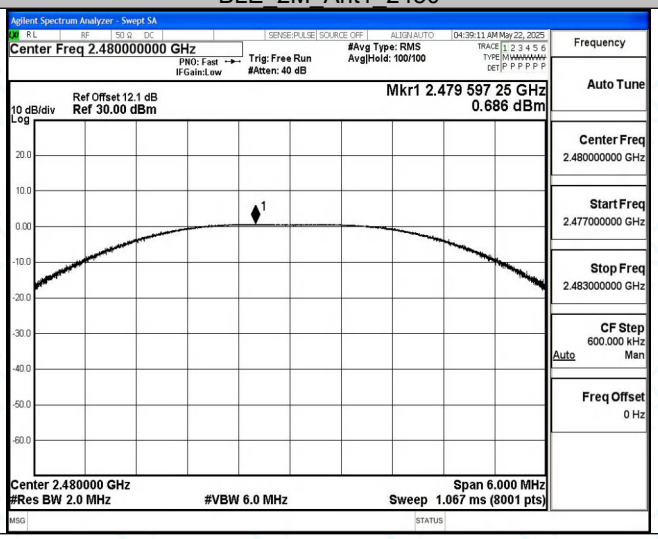
BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480



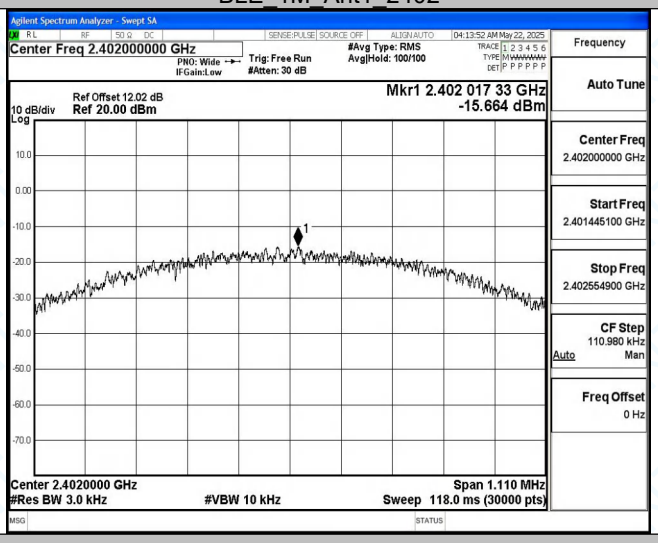
Appendix D: Maximum power spectral density

Test Result

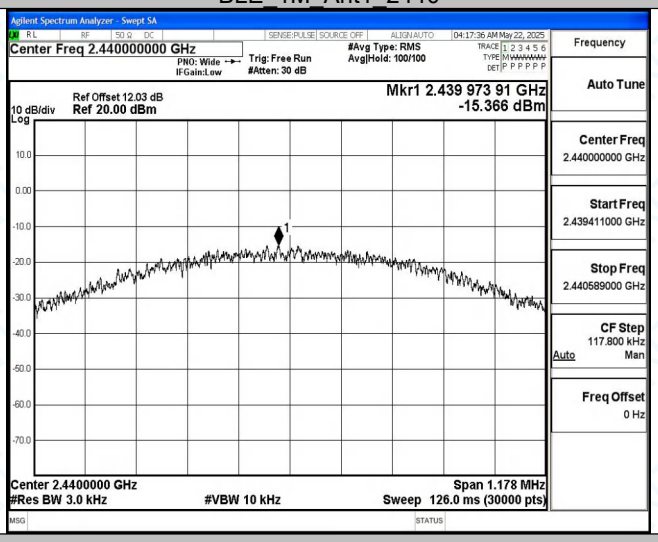
TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-15.66	≤8.00	PASS
		2440	-15.37	≤8.00	PASS
		2480	-15.04	≤8.00	PASS
BLE_2M	Ant1	2402	-19.30	≤8.00	PASS
		2440	-18.50	≤8.00	PASS
		2480	-18.11	≤8.00	PASS

Test Graphs

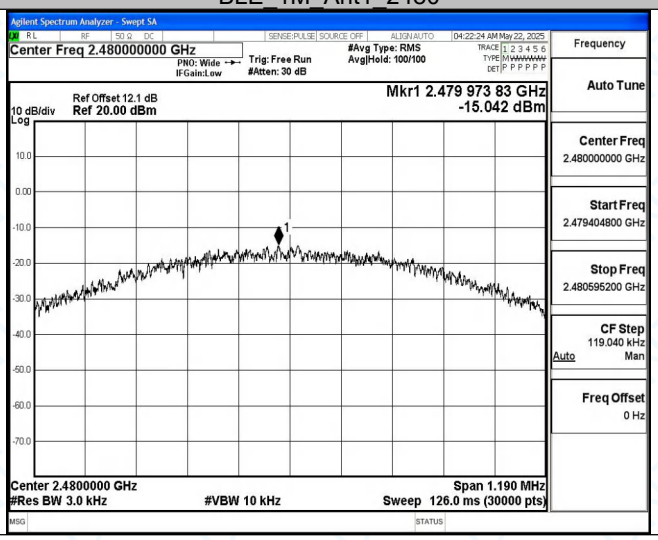
BLE_1M_Ant1_2402



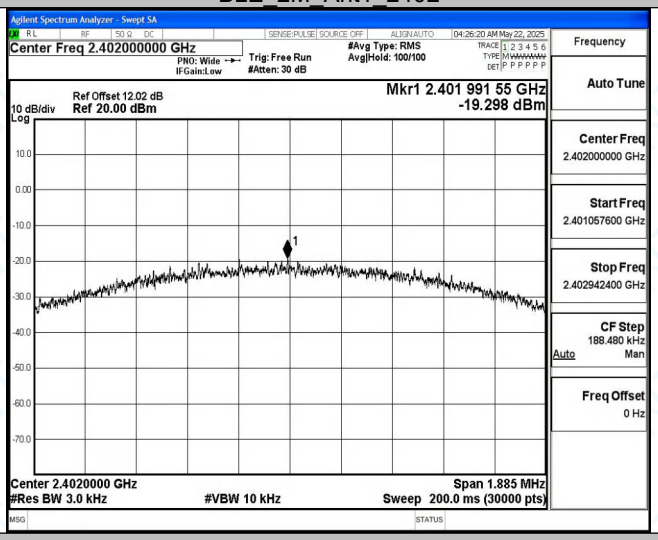
BLE_1M_Ant1_2440



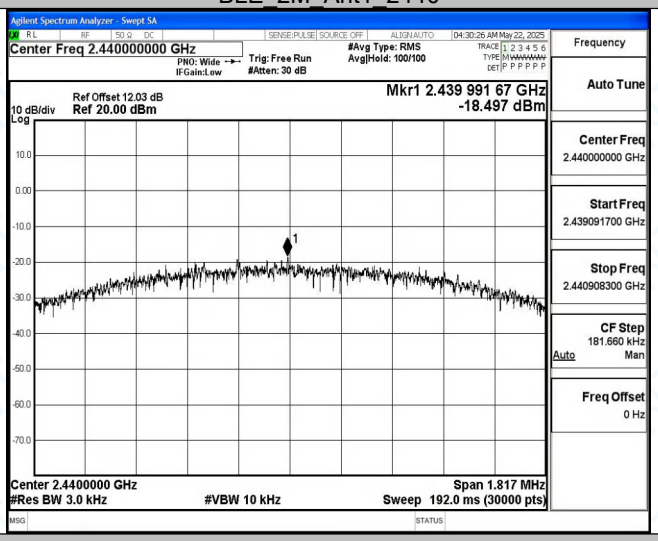
BLE_1M_Ant1_2480



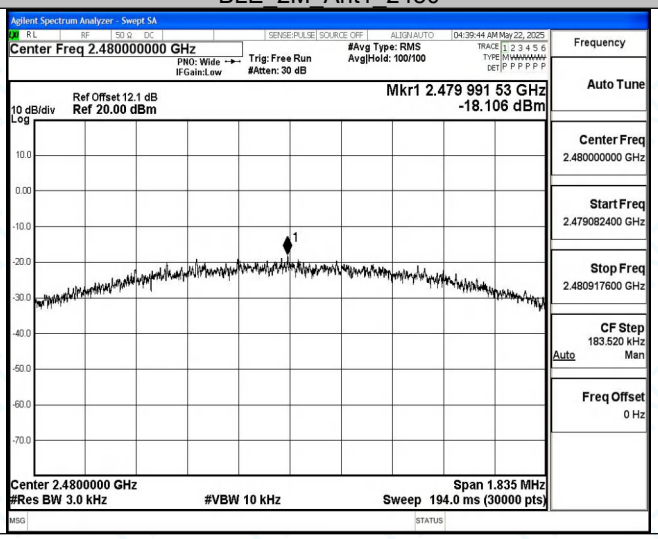
BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480



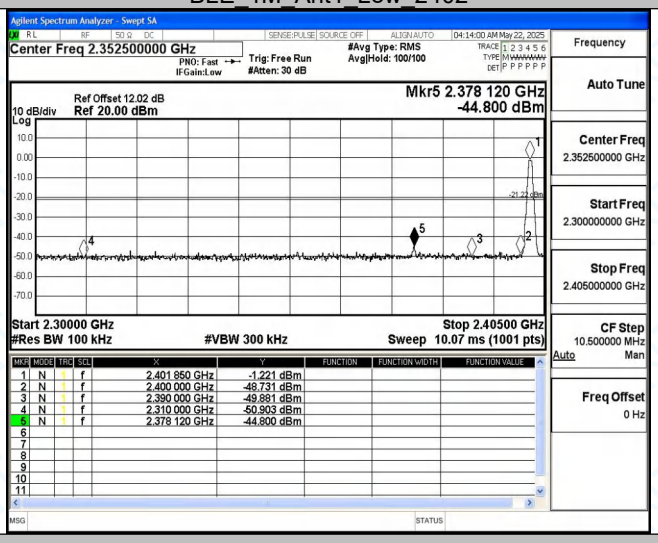
Appendix E: Band edge measurements

Test Result

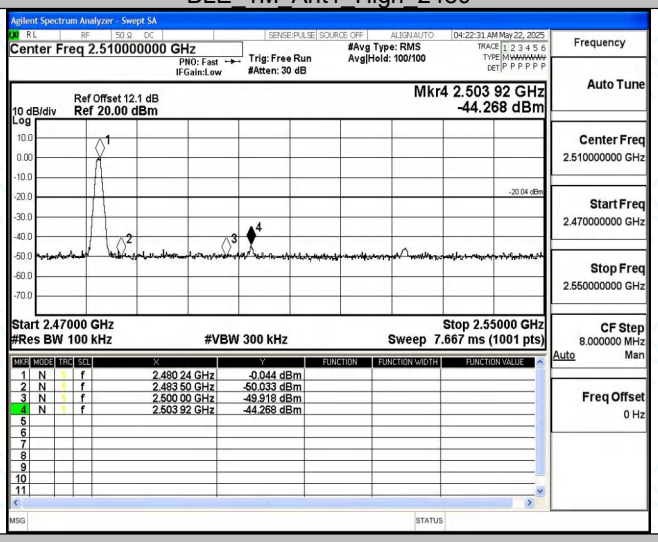
TestMode	Antenna	ChName	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-1.22	-44.8	≤-21.22	PASS
		High	2480	-0.04	-44.27	≤-20.04	PASS
BLE_2M	Ant1	Low	2402	-1.68	-37.36	≤-21.68	PASS
		High	2480	-2.49	-45.55	≤-22.49	PASS

Test Graphs

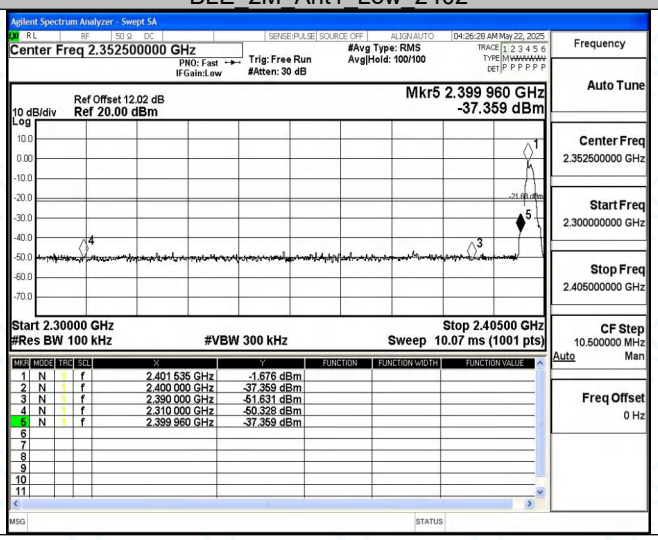
BLE_1M_Ant1_Low_2402



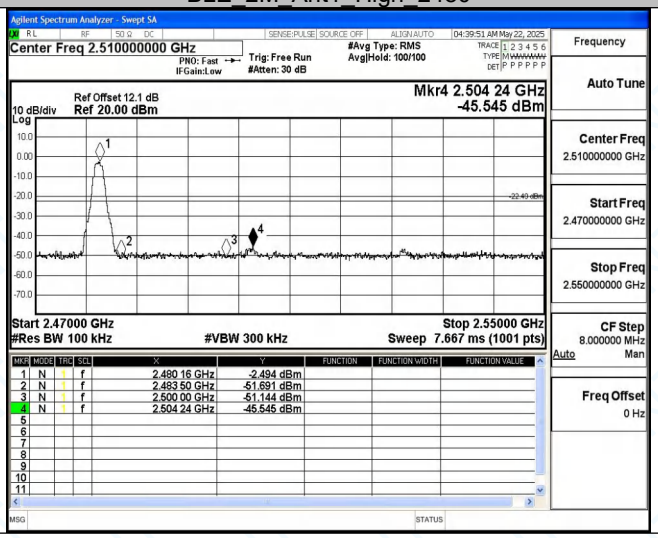
BLE_1M_Ant1_High_2480



BLE_2M_Ant1_Low_2402



BLE_2M_Ant1_High_2480



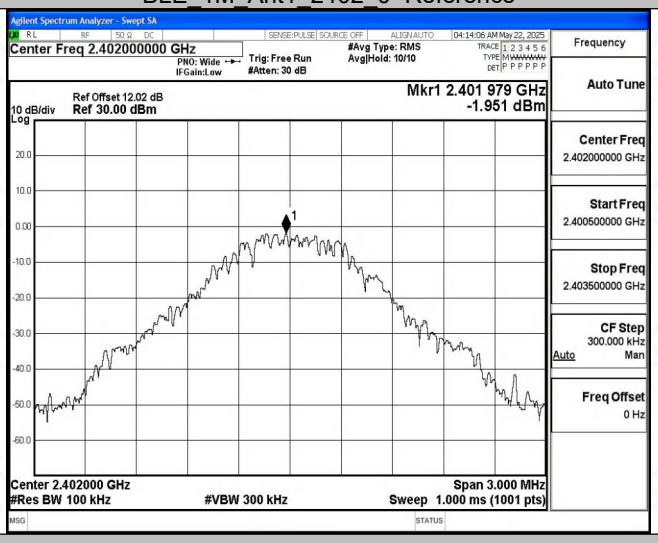
Appendix F: Conducted Spurious Emission

Test Result

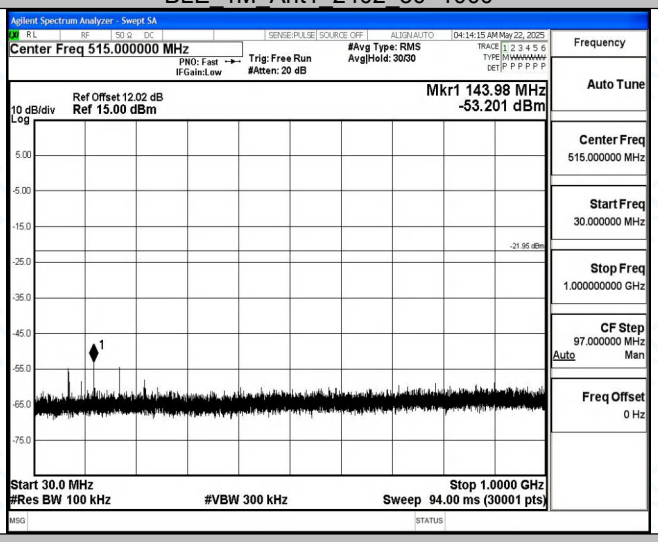
TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-1.95	-1.95	---	PASS
			30~1000	-1.95	-53.2	≤-21.95	PASS
			1000~26500	-1.95	-44.73	≤-21.95	PASS
		2440	Reference	-1.55	-1.55	---	PASS
			30~1000	-1.55	-53.28	≤-21.55	PASS
			1000~26500	-1.55	-43.92	≤-21.55	PASS
		2480	Reference	-1.19	-1.19	---	PASS
			30~1000	-1.19	-54.76	≤-21.19	PASS
			1000~26500	-1.19	-40.14	≤-21.19	PASS
BLE_2M	Ant1	2402	Reference	-3.88	-3.88	---	PASS
			30~1000	-3.88	-49.55	≤-23.88	PASS
			1000~26500	-3.88	-40.38	≤-23.88	PASS
		2440	Reference	-2.98	-2.98	---	PASS
			30~1000	-2.98	-52.42	≤-22.98	PASS
			1000~26500	-2.98	-43.96	≤-22.98	PASS
		2480	Reference	-2.87	-2.87	---	PASS
			30~1000	-2.87	-53.13	≤-22.87	PASS
			1000~26500	-2.87	-43.49	≤-22.87	PASS

Test Graphs

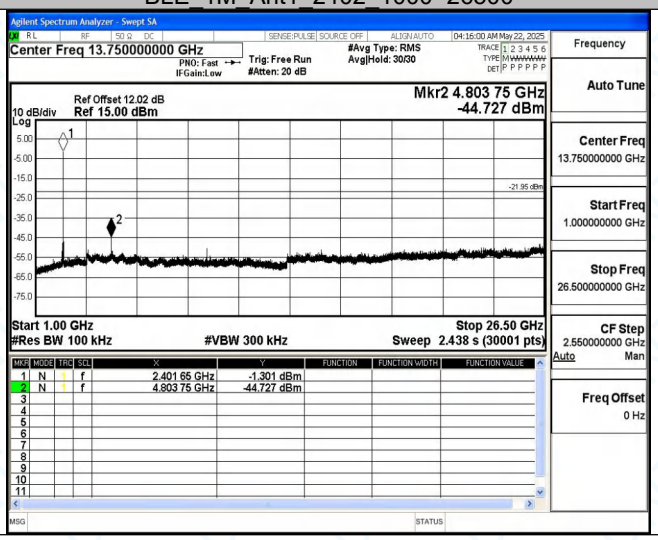
BLE_1M_Ant1_2402_0~Reference



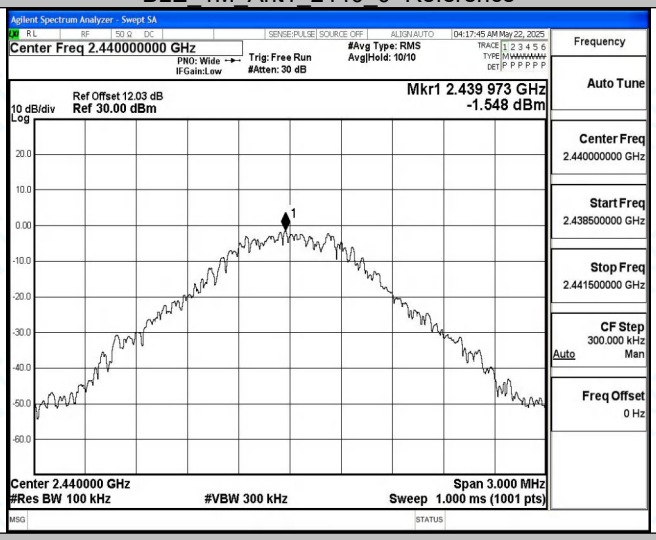
BLE_1M_Ant1_2402_30~1000



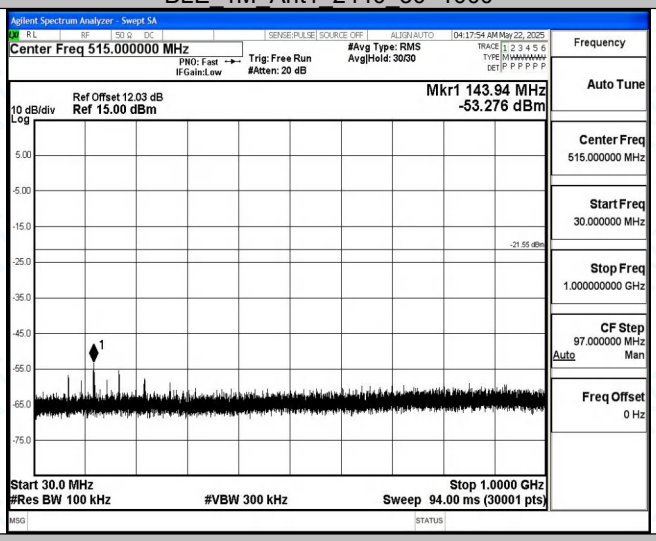
BLE_1M_Ant1_2402_1000~26500



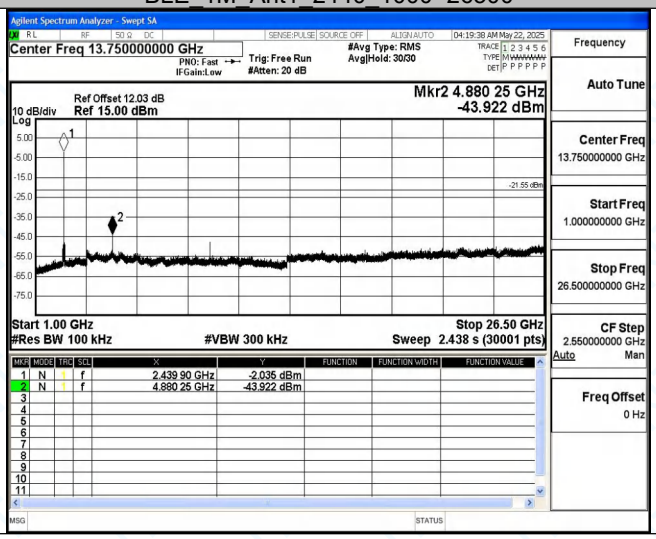
BLE_1M_Ant1_2440_0~Reference



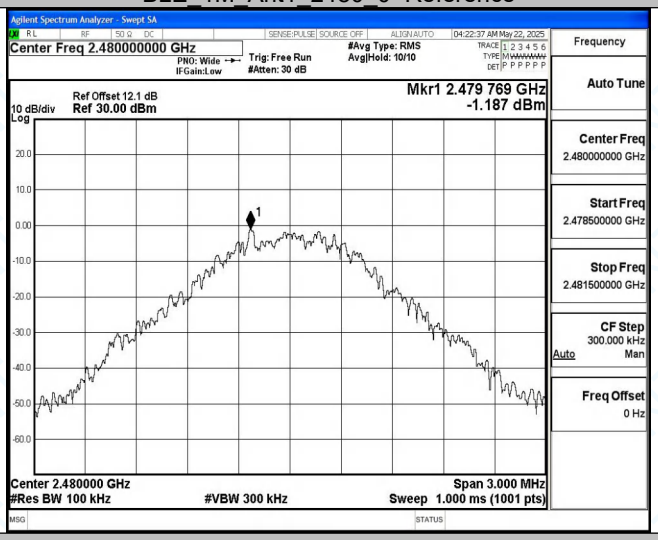
BLE_1M_Ant1_2440_30~1000



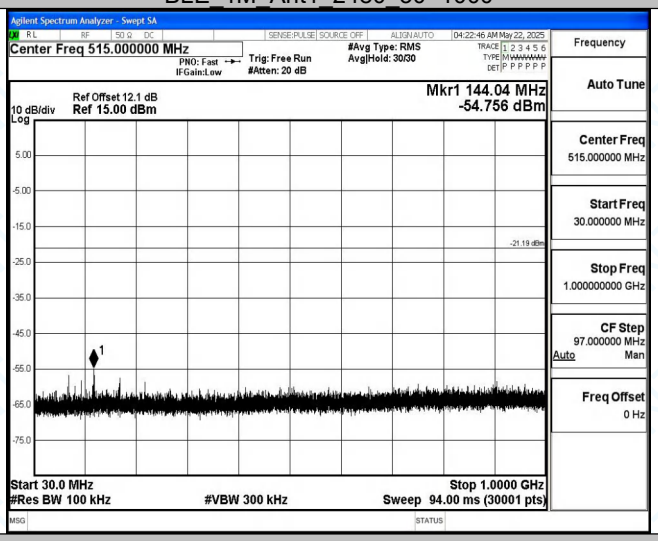
BLE_1M_Ant1_2440_1000~26500



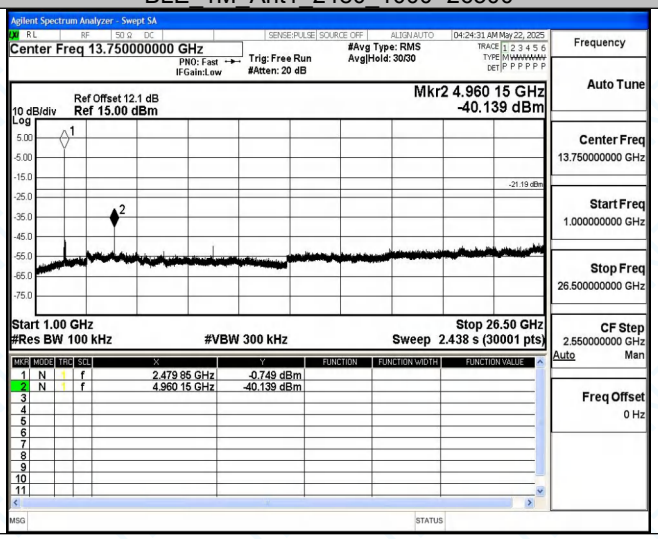
BLE_1M_Ant1_2480_0~Reference



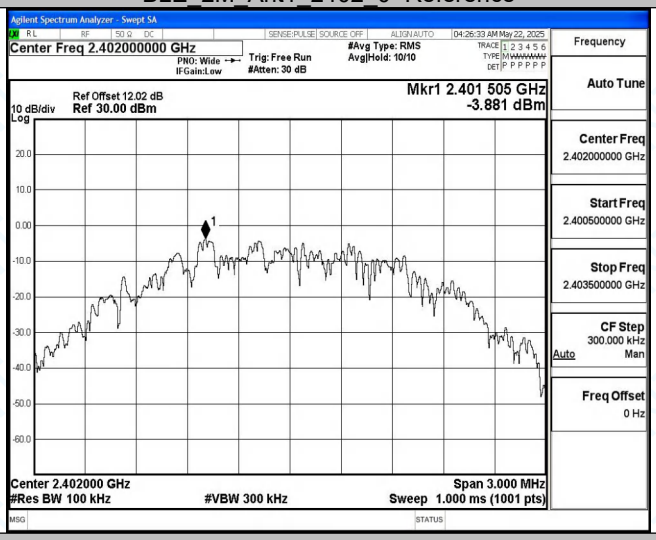
BLE_1M_Ant1_2480_30~1000



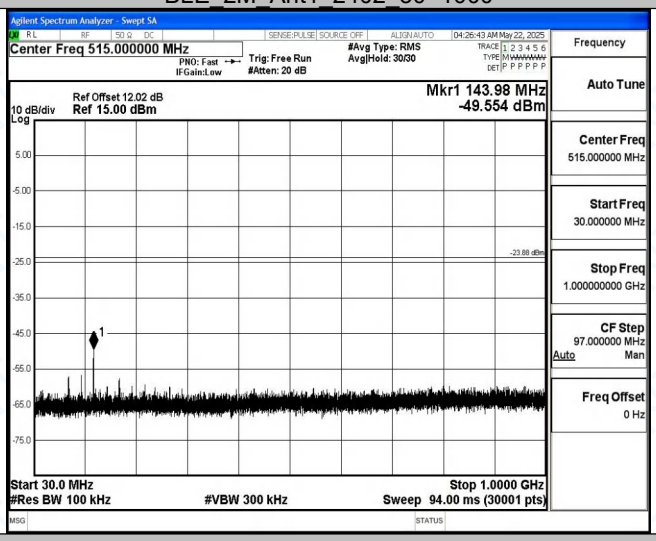
BLE_1M_Ant1_2480_1000~26500



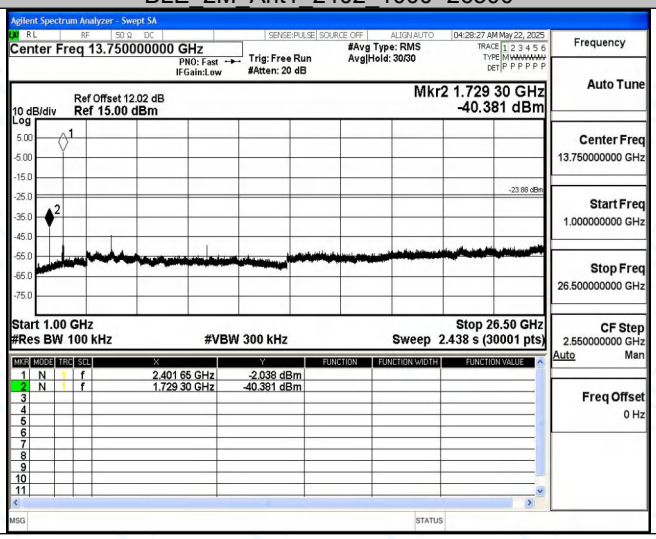
BLE_2M_Ant1_2402_0~Reference



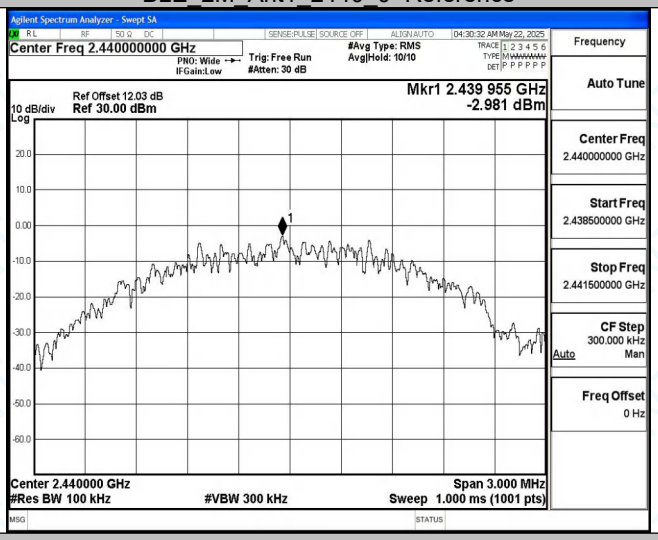
BLE_2M_Ant1_2402_30~1000



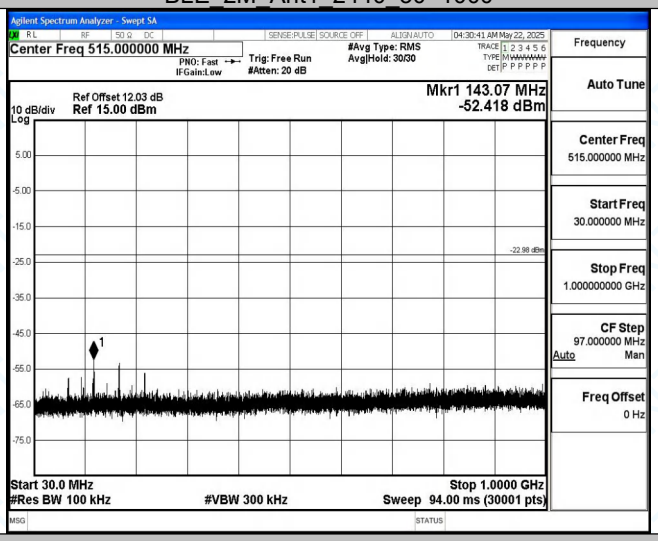
BLE_2M_Ant1_2402_1000~26500



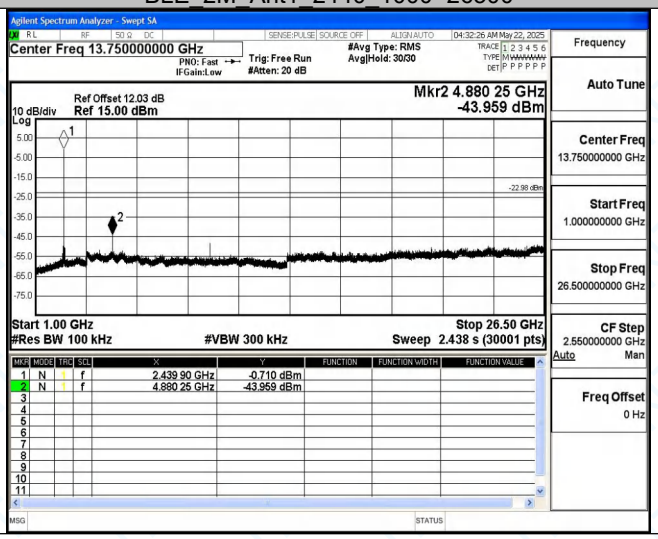
BLE_2M_Ant1_2440_0~Reference



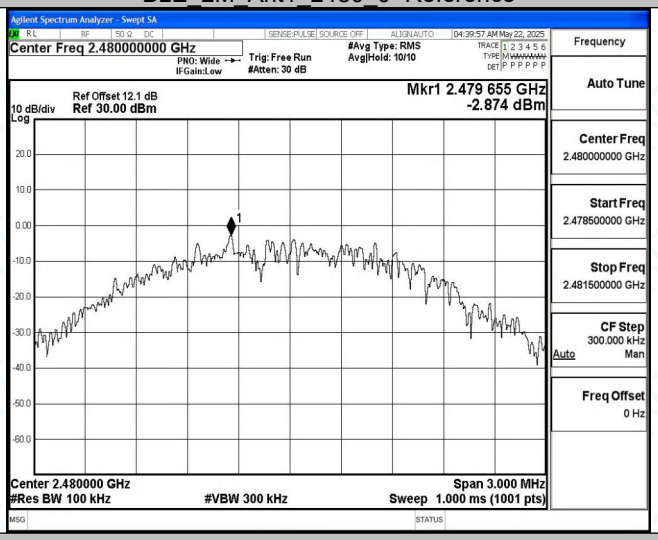
BLE_2M_Ant1_2440_30~1000



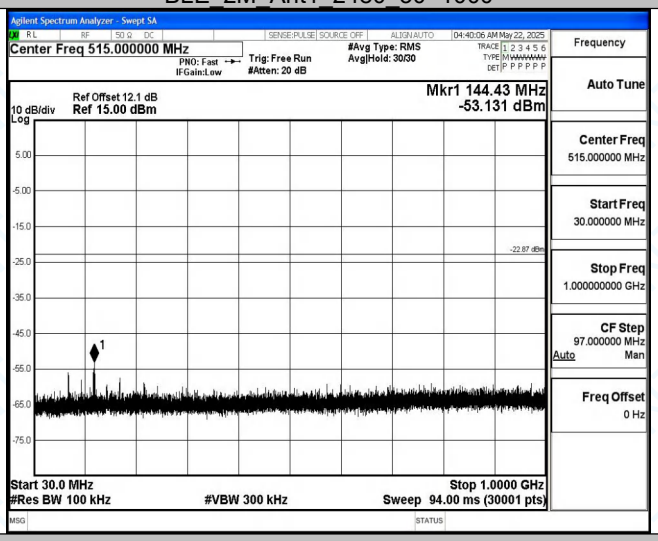
BLE_2M_Ant1_2440_1000~26500



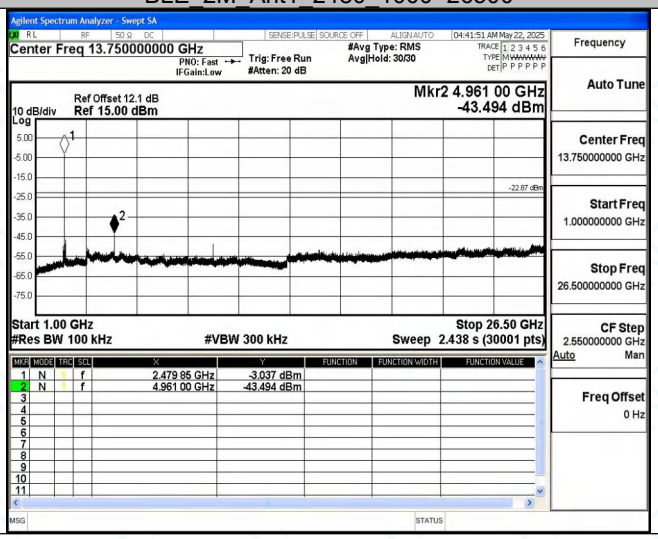
BLE_2M_Ant1_2480_0~Reference



BLE_2M_Ant1_2480_30~1000



BLE_2M_Ant1_2480_1000~26500



The End Report