

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	6.89	6.89	---	PASS
			30~1000	6.89	-51.57	≤-13.11	PASS
			1000~26500	6.89	-37.54	≤-13.11	PASS
		2440	Reference	7.43	7.43	---	PASS
			30~1000	7.43	-51.65	≤-12.57	PASS
			1000~26500	7.43	-37.63	≤-12.57	PASS
		2480	Reference	8.37	8.37	---	PASS
			30~1000	8.37	-51.65	≤-11.63	PASS
			1000~26500	8.37	-36.87	≤-11.63	PASS
BLE_2M	Ant1	2402	Reference	7.04	7.04	---	PASS
			30~1000	7.04	-51.42	≤-12.96	PASS
			1000~26500	7.04	-36.21	≤-12.96	PASS
		2440	Reference	7.58	7.58	---	PASS
			30~1000	7.58	-52.19	≤-12.42	PASS
			1000~26500	7.58	-36.83	≤-12.42	PASS
		2480	Reference	8.31	8.31	---	PASS
			30~1000	8.31	-52.05	≤-11.69	PASS
			1000~26500	8.31	-37.61	≤-11.69	PASS

Test Graphs

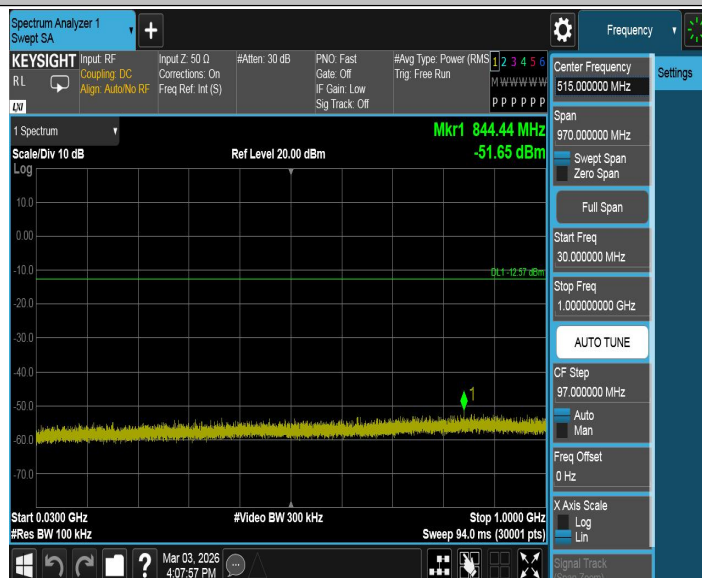




BLE_1M_Ant1_2440_0~Reference



BLE_1M_Ant1_2440_30~1000



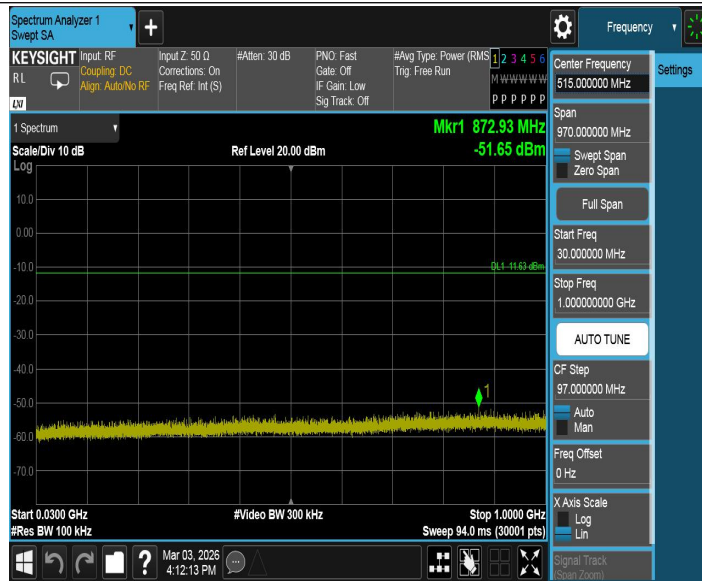
BLE_1M_Ant1_2440_1000~26500



BLE_1M_Ant1_2480_0~Reference



BLE_1M_Ant1_2480_30~1000



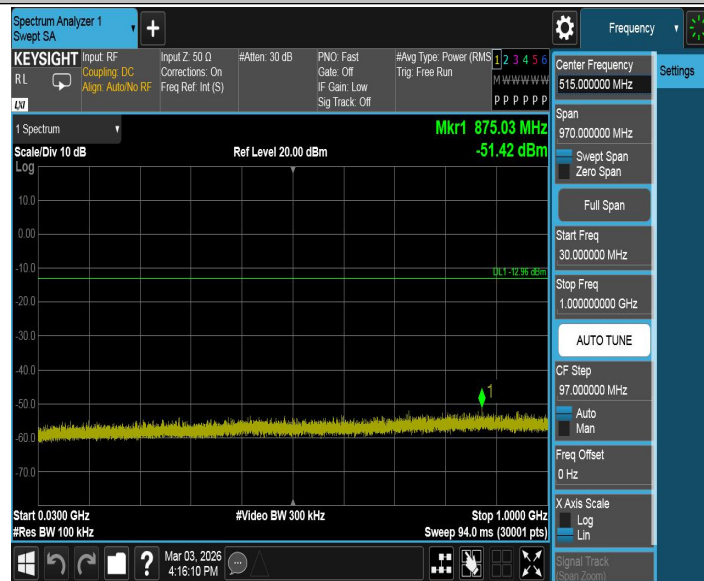
BLE_1M_Ant1_2480_1000~26500



BLE_2M_Ant1_2402_0~Reference



BLE_2M_Ant1_2402_30~1000



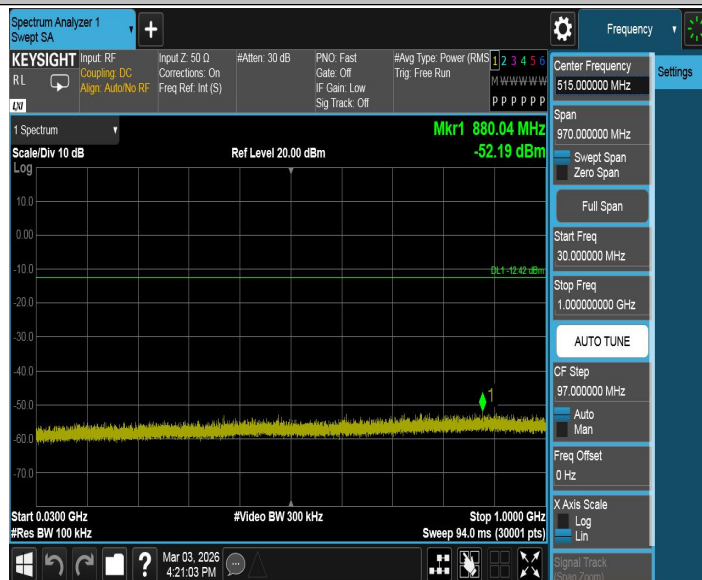
BLE_2M_Ant1_2402_1000~26500



BLE_2M_Ant1_2440_0~Reference



BLE_2M_Ant1_2440_30~1000



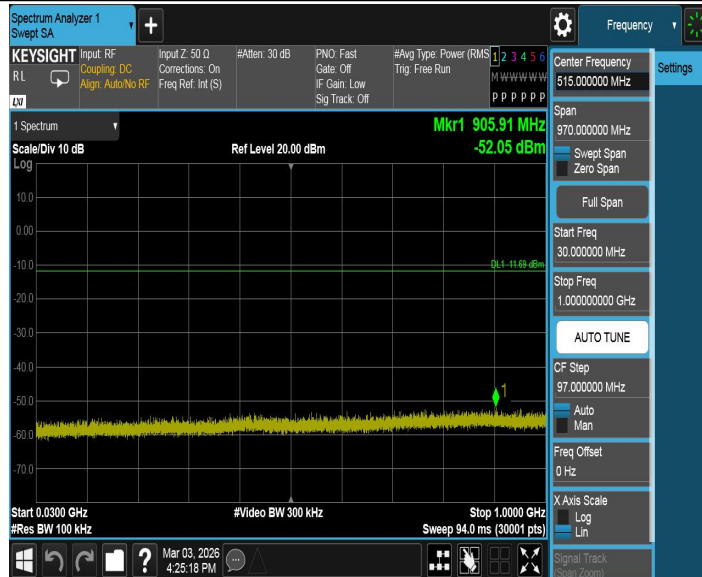
BLE_2M_Ant1_2440_1000~26500



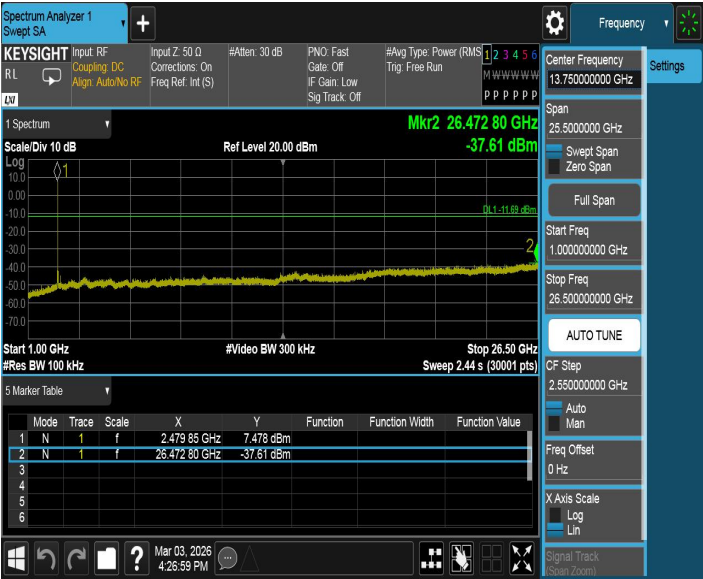
BLE_2M_Ant1_2480_0~Reference



BLE_2M_Ant1_2480_30~1000



BLE_2M_Ant1_2480_1000~26500



Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Freq(MHz)	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
BLE_1M	Ant1	2402	0.41	0.63	0.6508	65.08	1.87	---	---
		2440	0.40	0.62	0.6452	64.52	1.90	---	---
		2480	0.41	0.63	0.6508	65.08	1.87	---	---
BLE_2M	Ant1	2402	0.21	0.62	0.3387	33.87	4.70	---	---
		2440	0.23	0.63	0.3651	36.51	4.38	---	---
		2480	0.22	0.63	0.3492	34.92	4.57	---	---

Test Graphs





BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480

