

FCC Appendix RF Test Data

FCC ID : 2BLVO-AERO

Company: : Guangzhou JiDongTai Intelligent Equipment Co.,LTD

EUT : Electric unicycle

Model Number : AERO

Reviewed By : Eric Wang

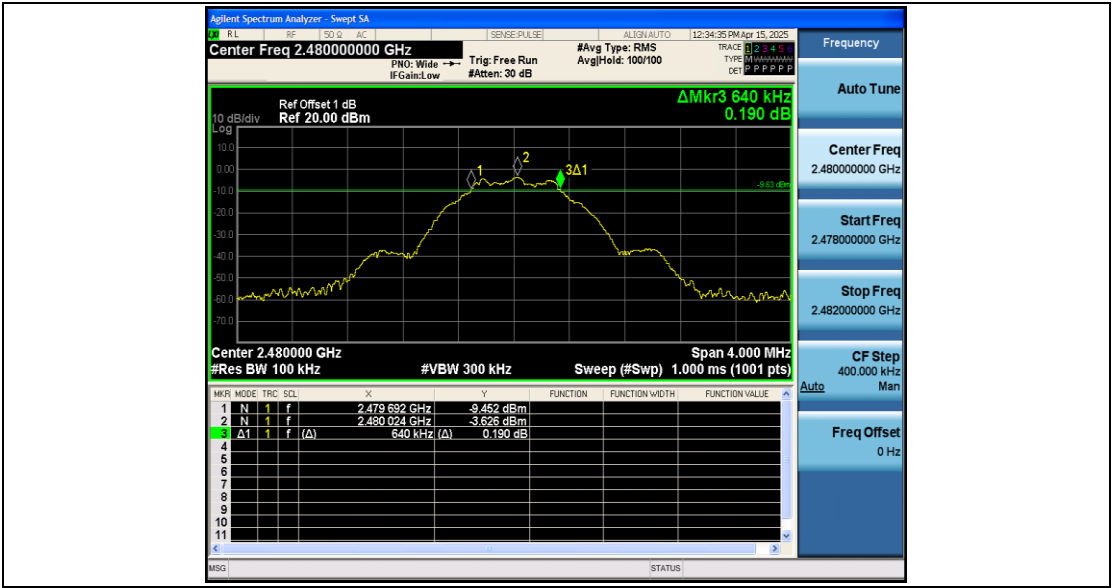
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.636	2401.696	2402.332	0.5	PASS
		2440	0.624	2439.708	2440.332	0.5	PASS
		2480	0.640	2479.692	2480.332	0.5	PASS

Test Graphs



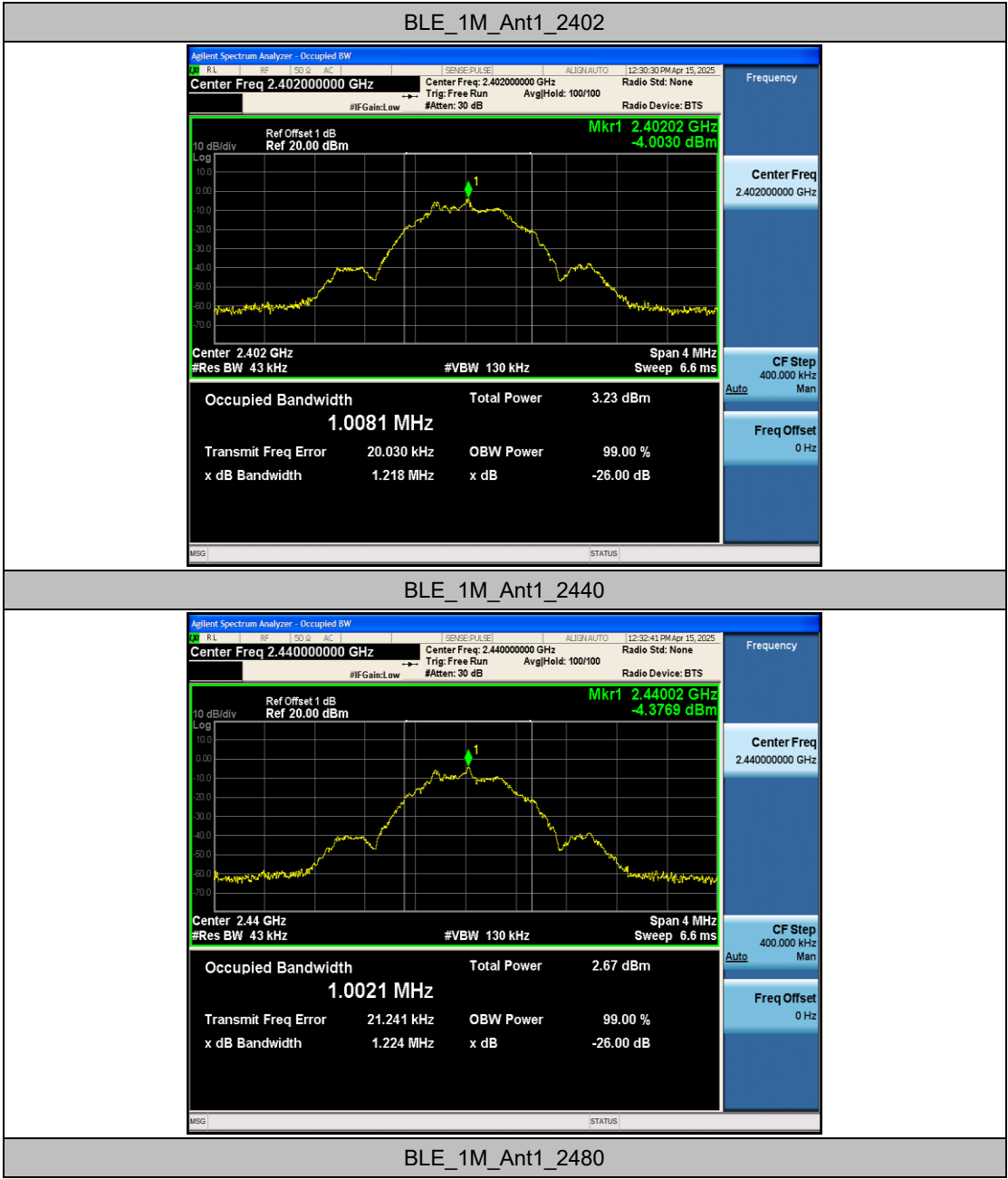


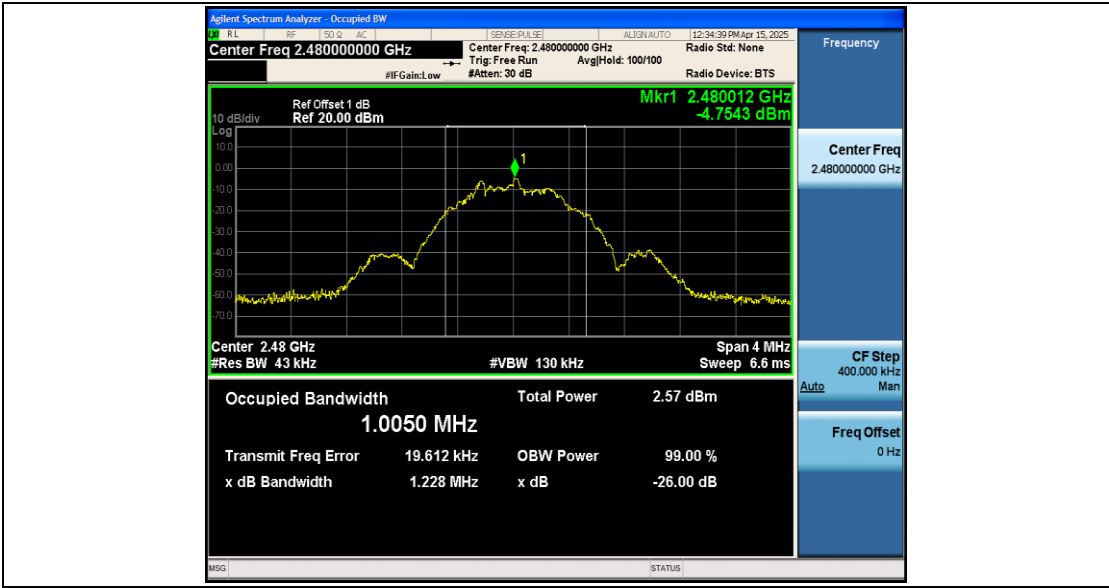
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0081	2401.5160	2402.5241	---	---
		2440	1.0021	2439.5202	2440.5223	---	---
		2480	1.0050	2479.5171	2480.5221	---	---

Test Graphs





Appendix C: Maximum conducted output power

Test Result Peak

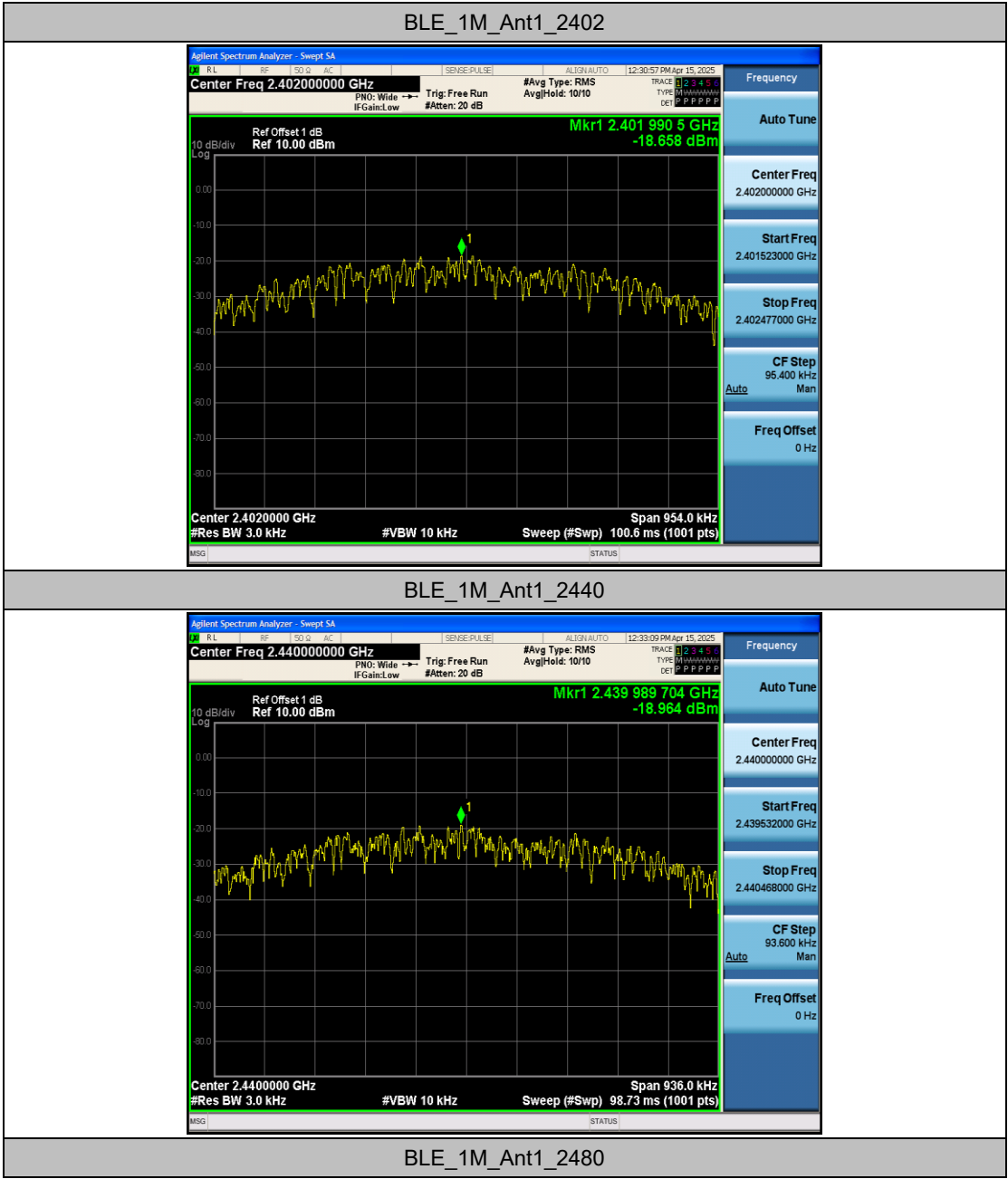
TestMode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-2.80	≤30	PASS
		2440	-3.34	≤30	PASS
		2480	-3.54	≤30	PASS

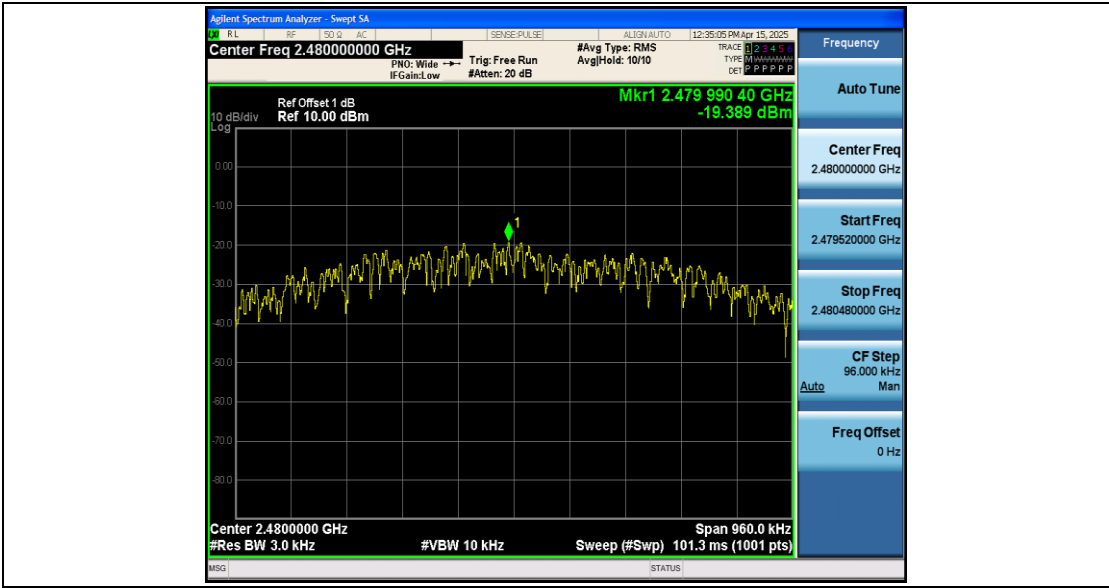
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-18.66	≤8.00	PASS
		2440	-18.96	≤8.00	PASS
		2480	-19.39	≤8.00	PASS

Test Graphs



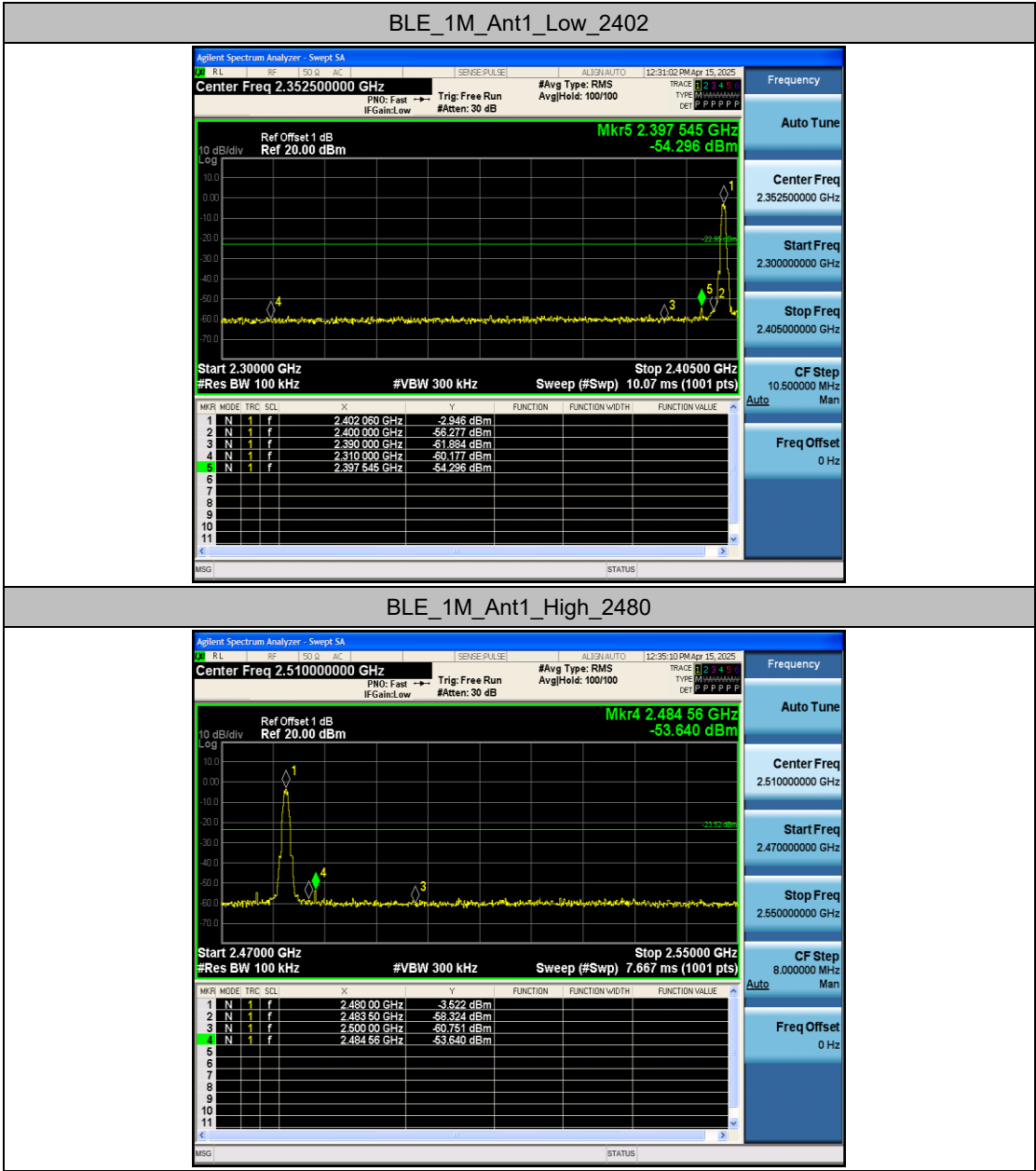


Appendix E: Band edge measurements

Test Result

TestMod e	Antenn a	ChNam e	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdic t
BLE_1M	Ant1	Low	2402	-2.95	-54.3	≤-22.95	PASS
		High	2480	-3.52	-53.64	≤-23.52	PASS

Test Graphs

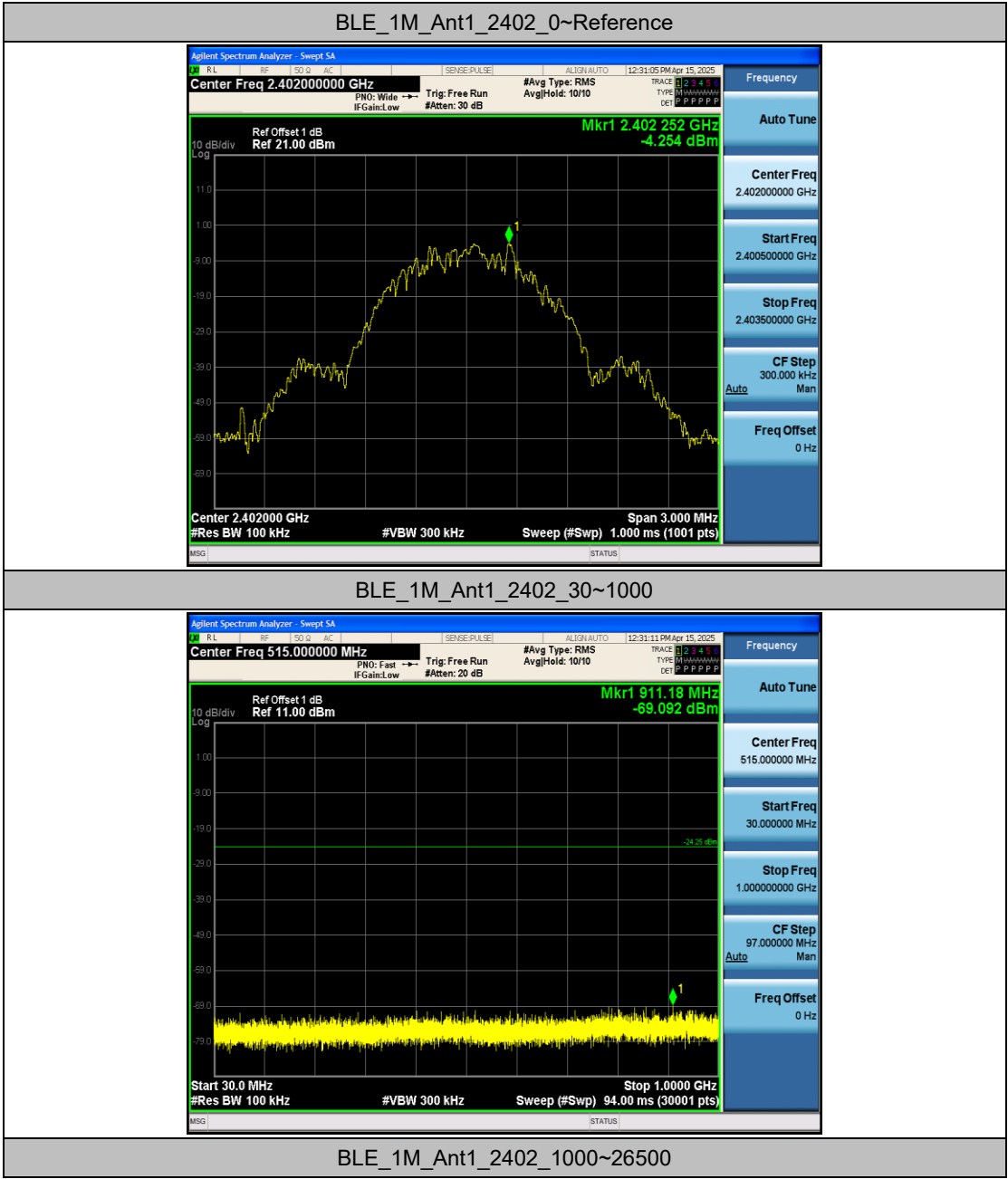


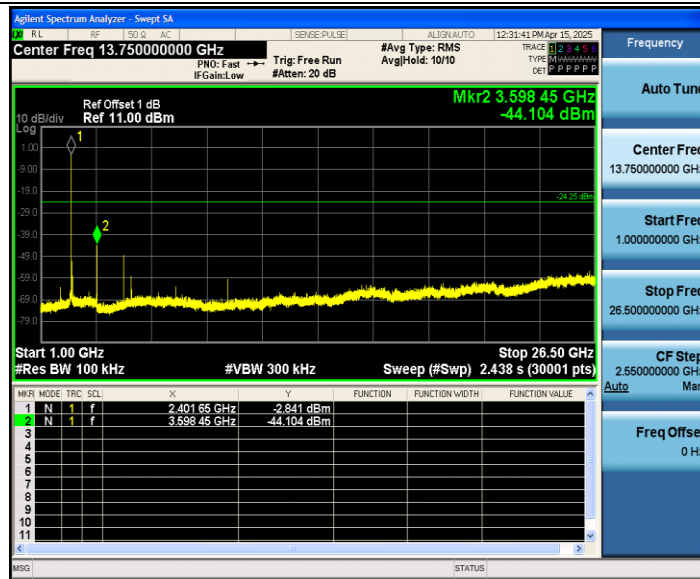
Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-4.25	-4.25	---	PASS
			30~1000	-4.25	-69.09	≤-24.25	PASS
			1000~26500	-4.25	-44.1	≤-24.25	PASS
		2440	Reference	-4.13	-4.13	---	PASS
			30~1000	-4.13	-69.69	≤-24.13	PASS
			1000~26500	-4.13	-47.97	≤-24.13	PASS
		2480	Reference	-4.37	-4.37	---	PASS
			30~1000	-4.37	-68.86	≤-24.37	PASS
			1000~26500	-4.37	-45.03	≤-24.37	PASS

Test Graphs

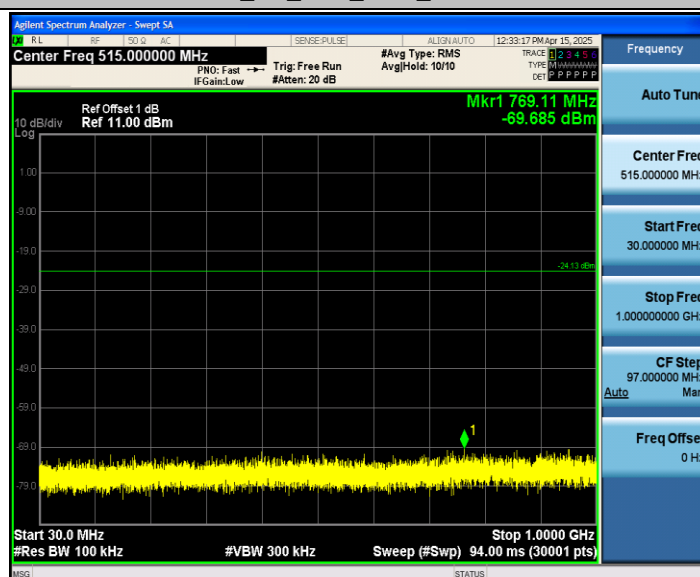




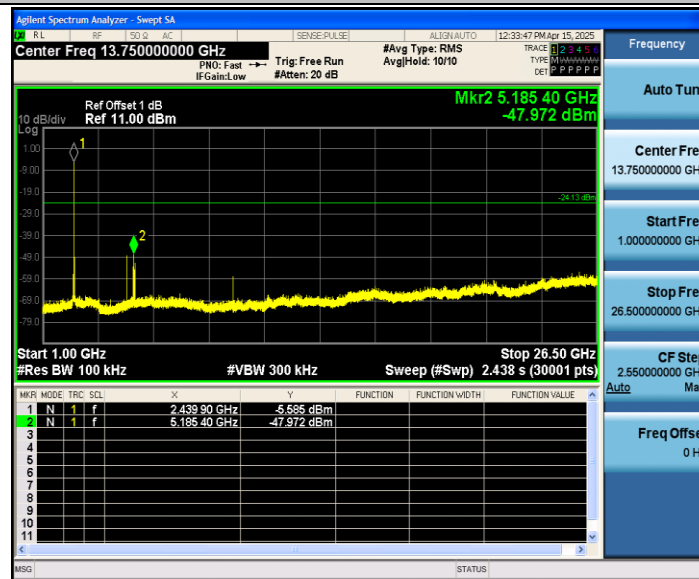
BLE_1M_Ant1_2440_0~Reference



BLE_1M_Ant1_2440_30~1000



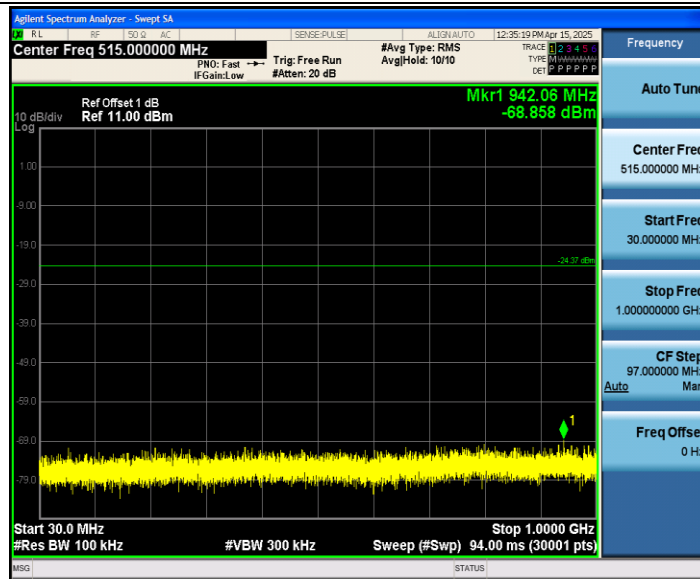
BLE_1M_Ant1_2440_1000~26500



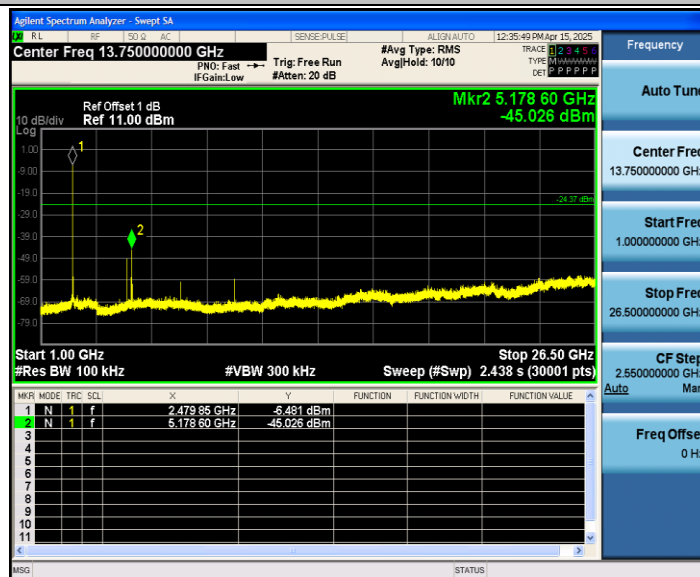
BLE_1M_Ant1_2480_0~Reference



BLE_1M_Ant1_2480_30~1000



BLE_1M_Ant1_2480_1000~26500



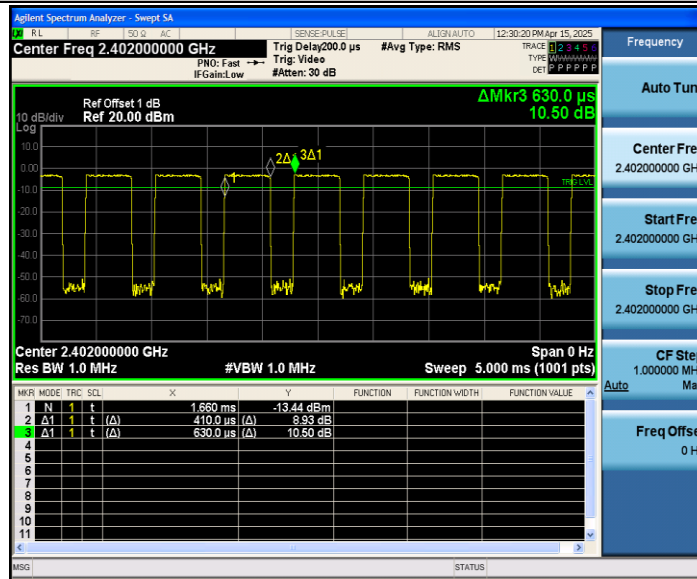
Appendix G: Duty Cycle

Test Result

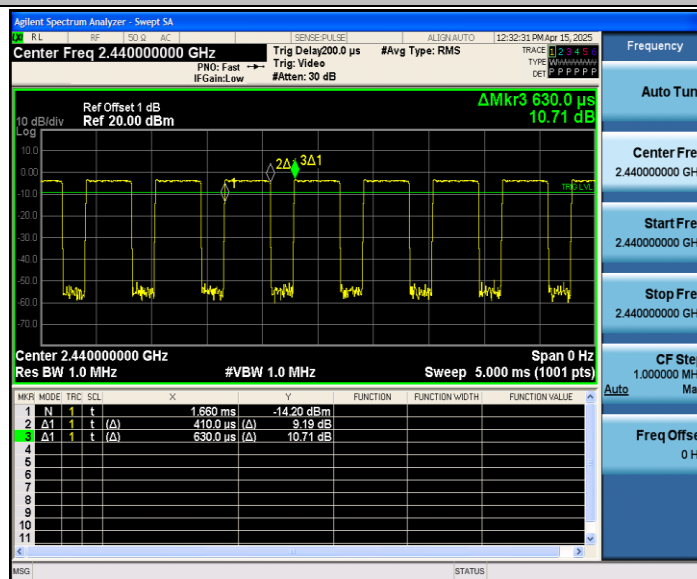
TestMode	Antenna	Freq(MHz)	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
BLE_1M	Ant1	2402	0.41	0.63	0.6508	65.08	1.87	---	---
		2440	0.41	0.63	0.6508	65.08	1.87	---	---
		2480	0.41	0.63	0.6508	65.08	1.87	---	---

Test Graphs

BLE_1M_Ant1_2402



BLE_1M_Ant1_2440



BLE_1M_Ant1_2480

