

FCC Appendix RF Test Data

FCC ID : 2BGRK-DN-1108

Company: : Shen Zhen Innovation Toy Co.,LTD

EUT : Masturbator

Model Number : DN-1108

Reviewed By : Eric Wang

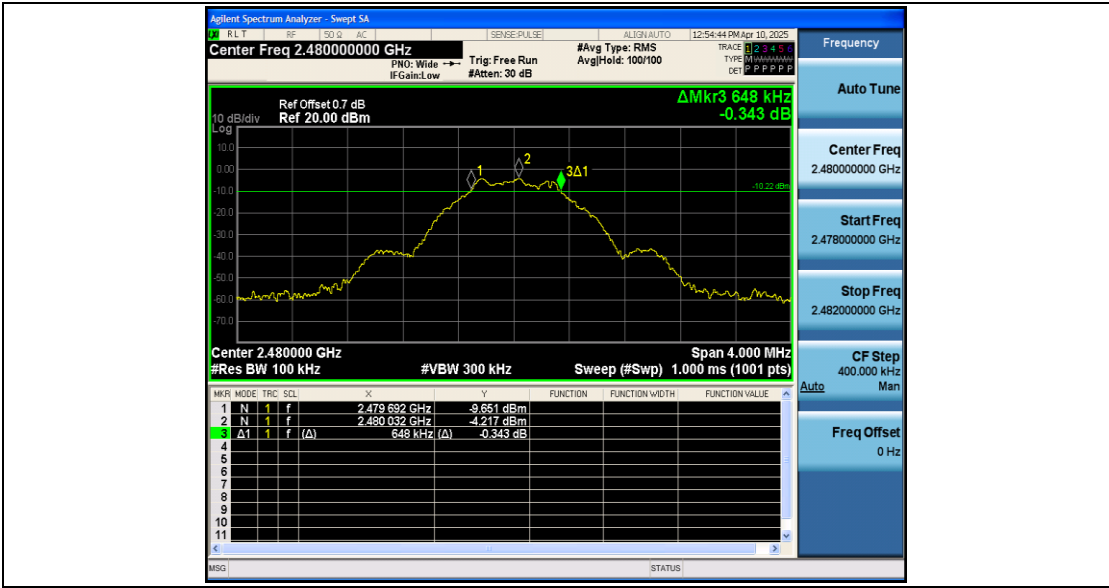
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.640	2401.696	2402.336	0.5	PASS
		2440	0.644	2439.692	2440.336	0.5	PASS
		2480	0.648	2479.692	2480.340	0.5	PASS

Test Graphs



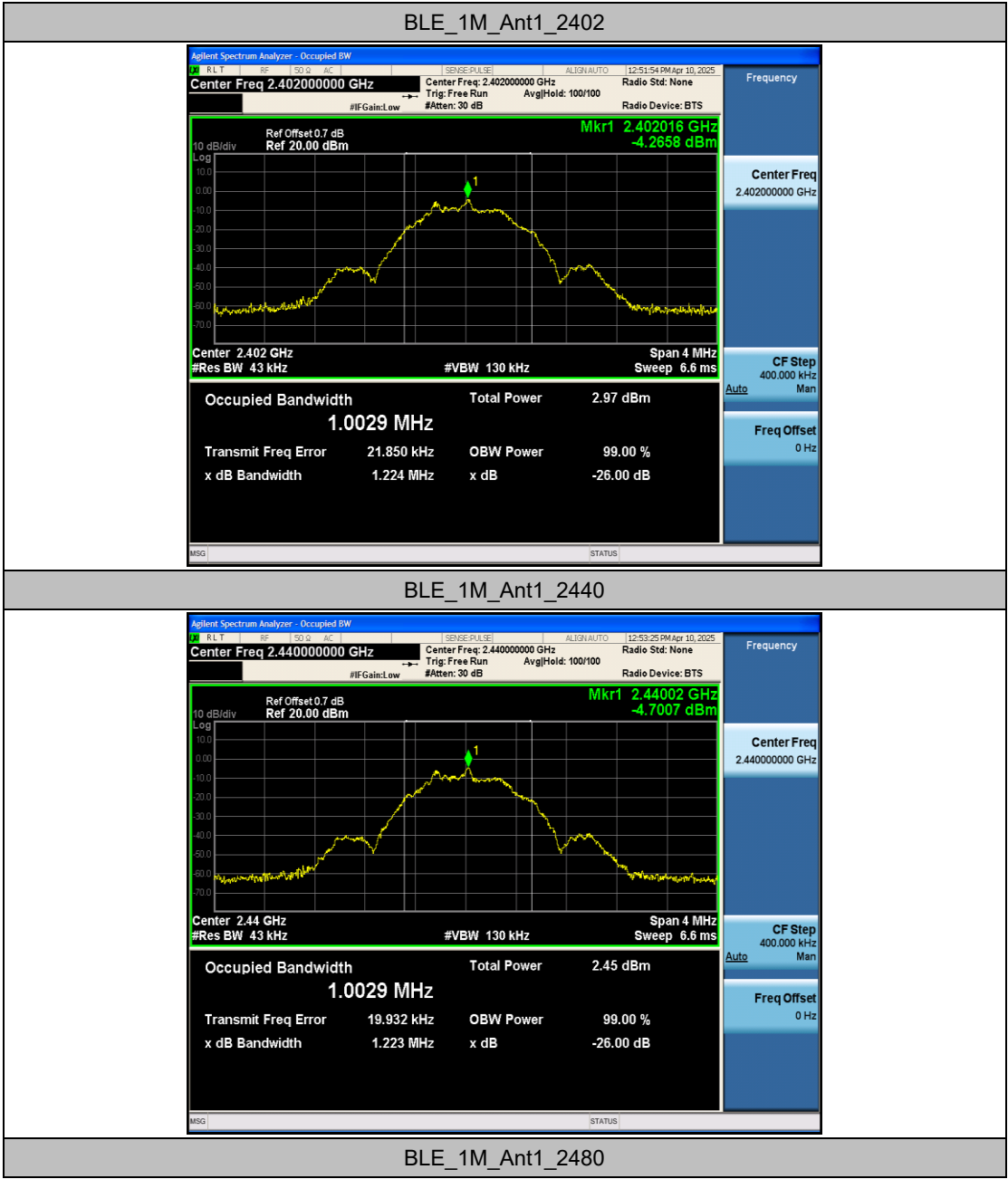


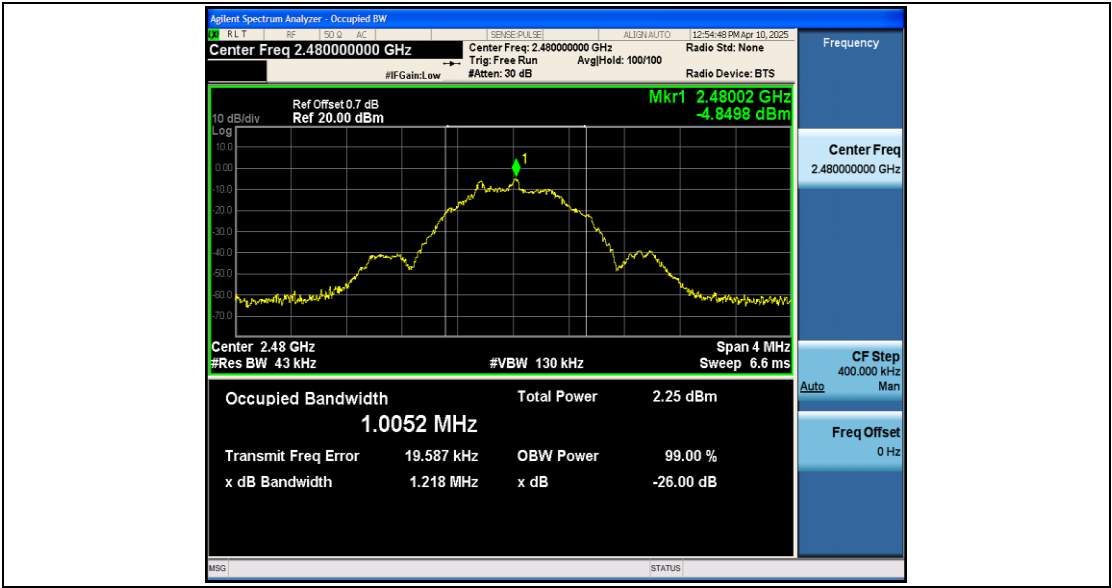
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0029	2401.5204	2402.5233	---	---
		2440	1.0029	2439.5185	2440.5214	---	---
		2480	1.0052	2479.5170	2480.5222	---	---

Test Graphs





Appendix C: Maximum conducted output power

Test Result Peak

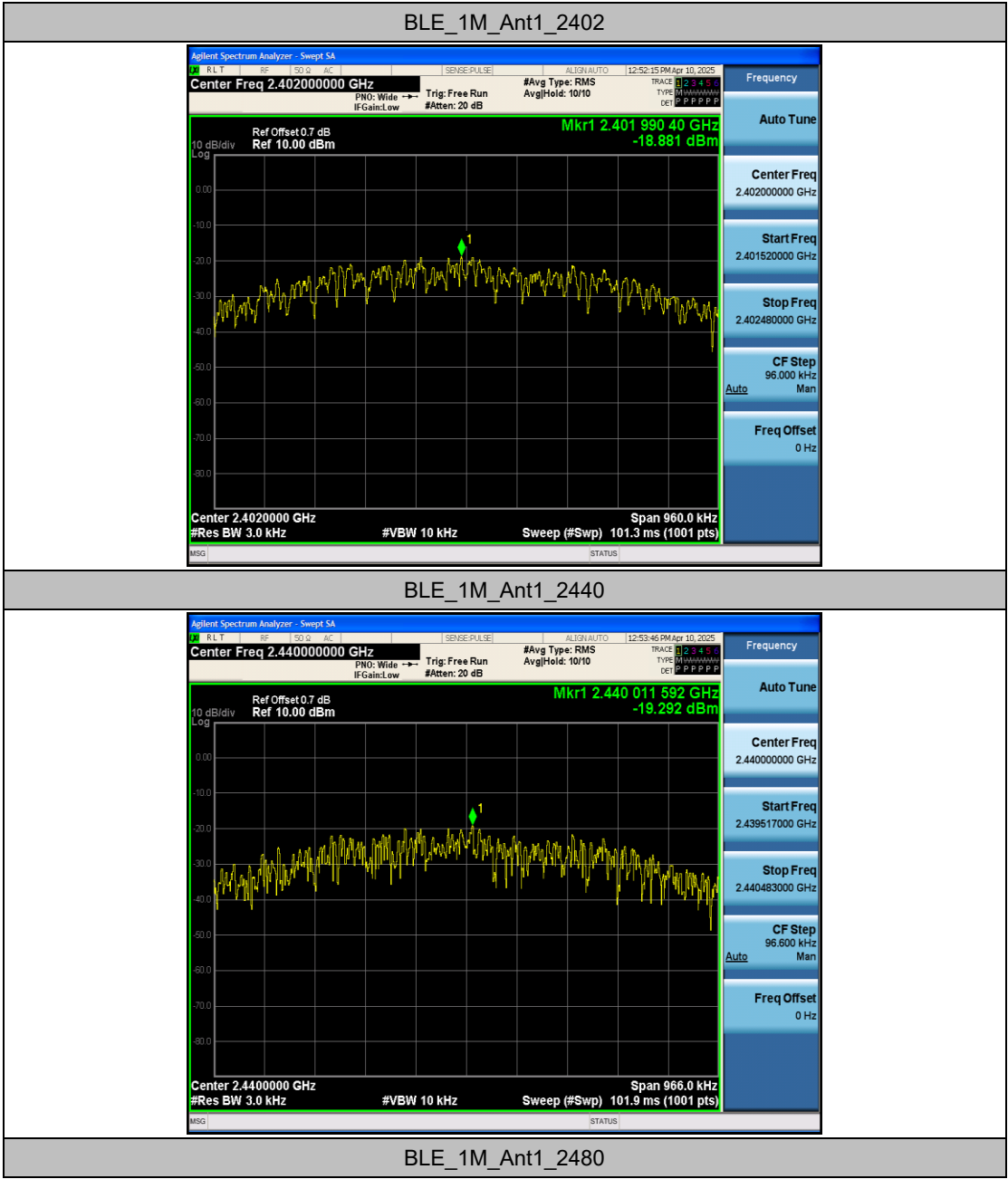
TestMode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-3.10	≤30	PASS
		2440	-3.63	≤30	PASS
		2480	-3.80	≤30	PASS

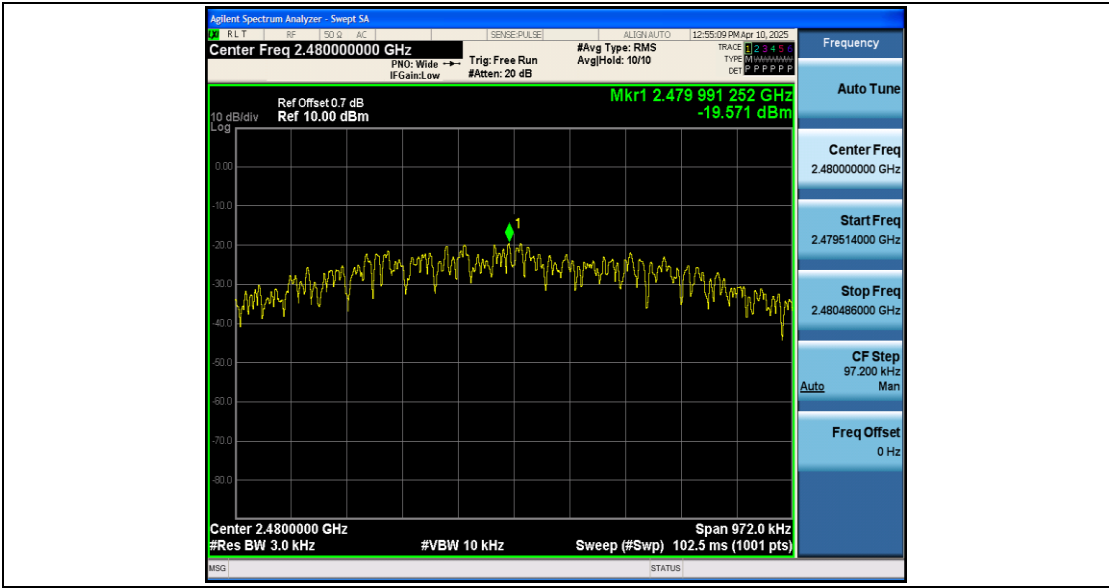
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-18.88	≤8.00	PASS
		2440	-19.29	≤8.00	PASS
		2480	-19.57	≤8.00	PASS

Test Graphs



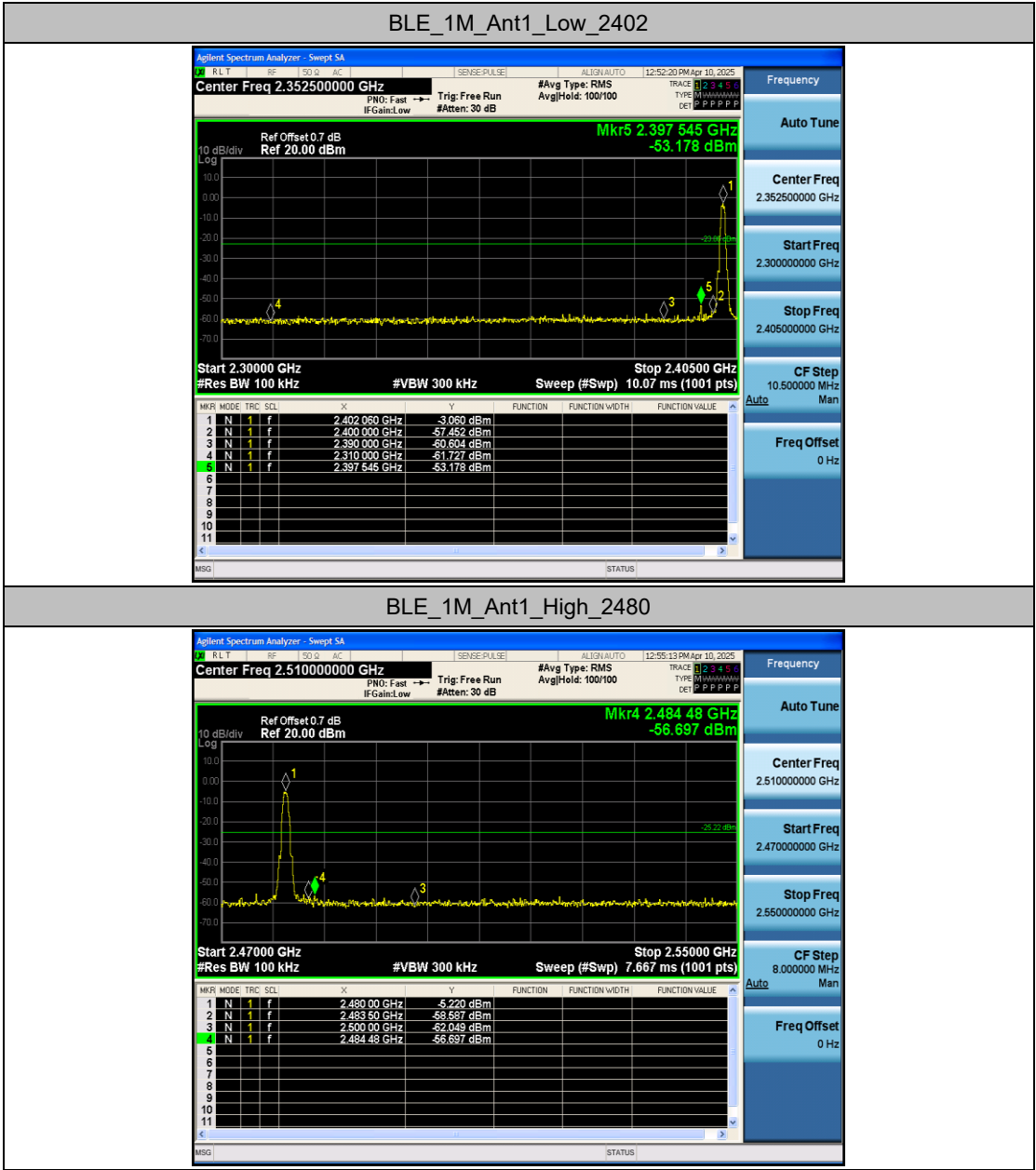


Appendix E: Band edge measurements

Test Result

TestMod e	Antenn a	ChNam e	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdic t
BLE_1M	Ant1	Low	2402	-3.06	-53.18	≤-23.06	PASS
		High	2480	-5.22	-56.7	≤-25.22	PASS

Test Graphs

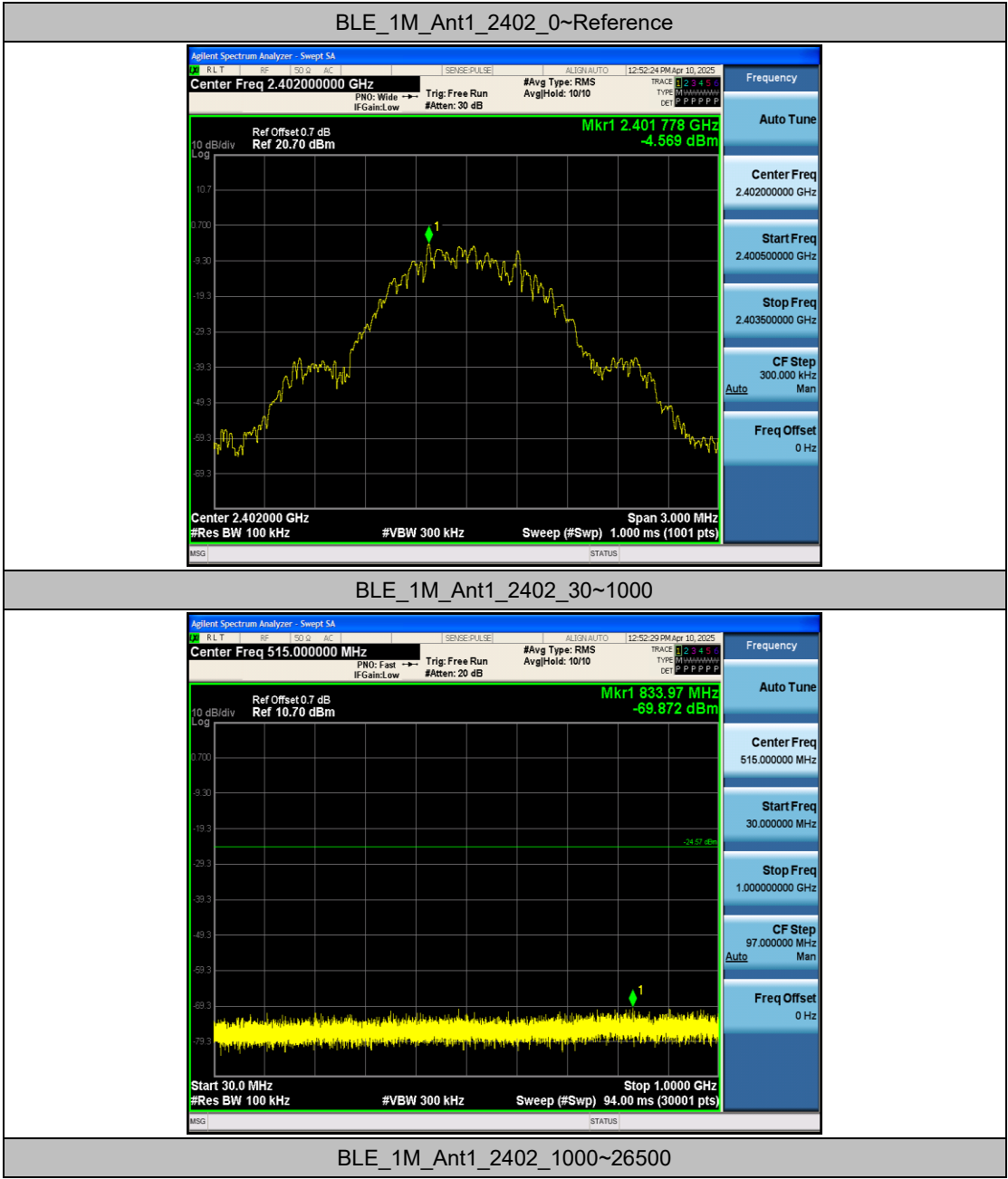


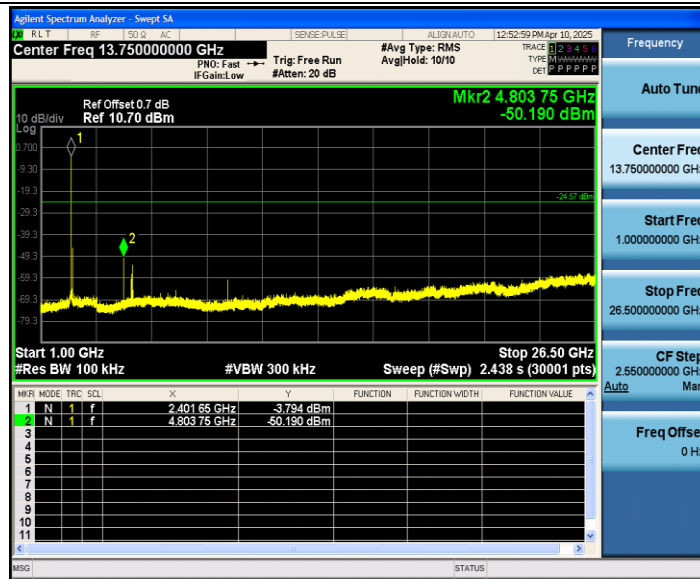
Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-4.57	-4.57	---	PASS
			30~1000	-4.57	-69.87	≤-24.57	PASS
			1000~26500	-4.57	-50.19	≤-24.57	PASS
		2440	Reference	-4.96	-4.96	---	PASS
			30~1000	-4.96	-69.63	≤-24.96	PASS
			1000~26500	-4.96	-47.42	≤-24.96	PASS
		2480	Reference	-5.30	-5.30	---	PASS
			30~1000	-5.30	-69.38	≤-25.3	PASS
			1000~26500	-5.30	-48.88	≤-25.3	PASS

Test Graphs

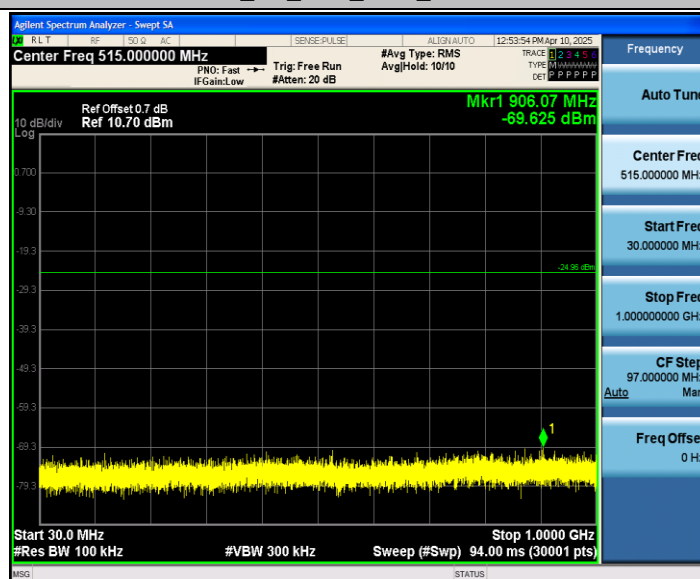




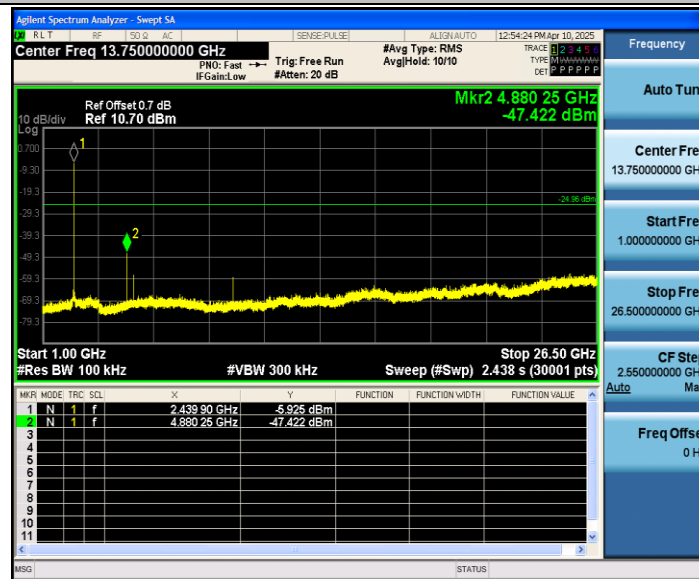
BLE_1M_Ant1_2440_0~Reference



BLE_1M_Ant1_2440_30~1000



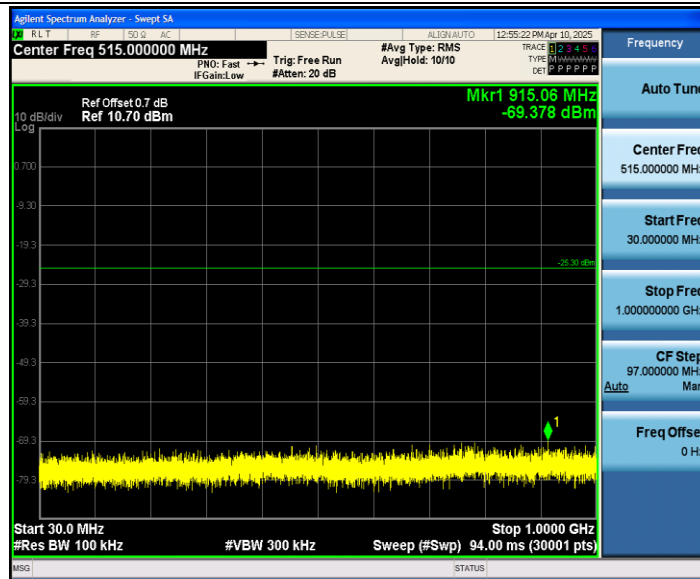
BLE_1M_Ant1_2440_1000~26500



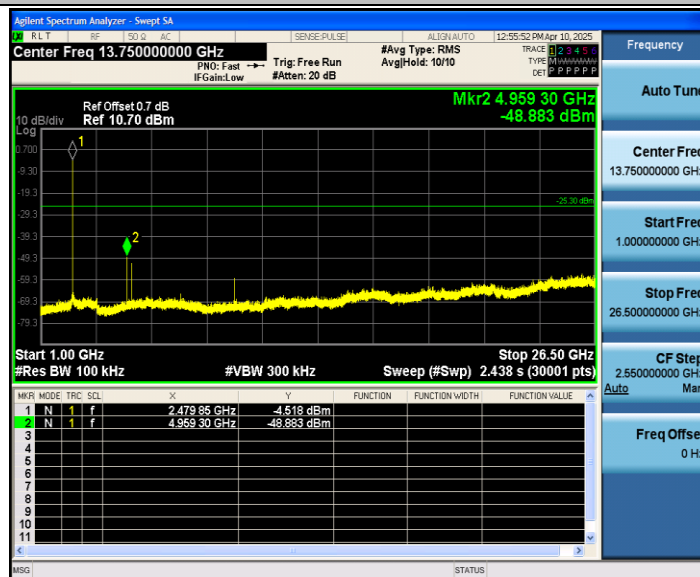
BLE_1M_Ant1_2480_0~Reference



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

