

FCC Appendix RF Test Data

FCC ID : 2BQF7-EZTSPWT

Company: : Yiwu EZ Technology Co., Ltd.

EUT : Tattoo Stencil Printer

Model Number : EZTSPWT

Report No. : CTA25051000201

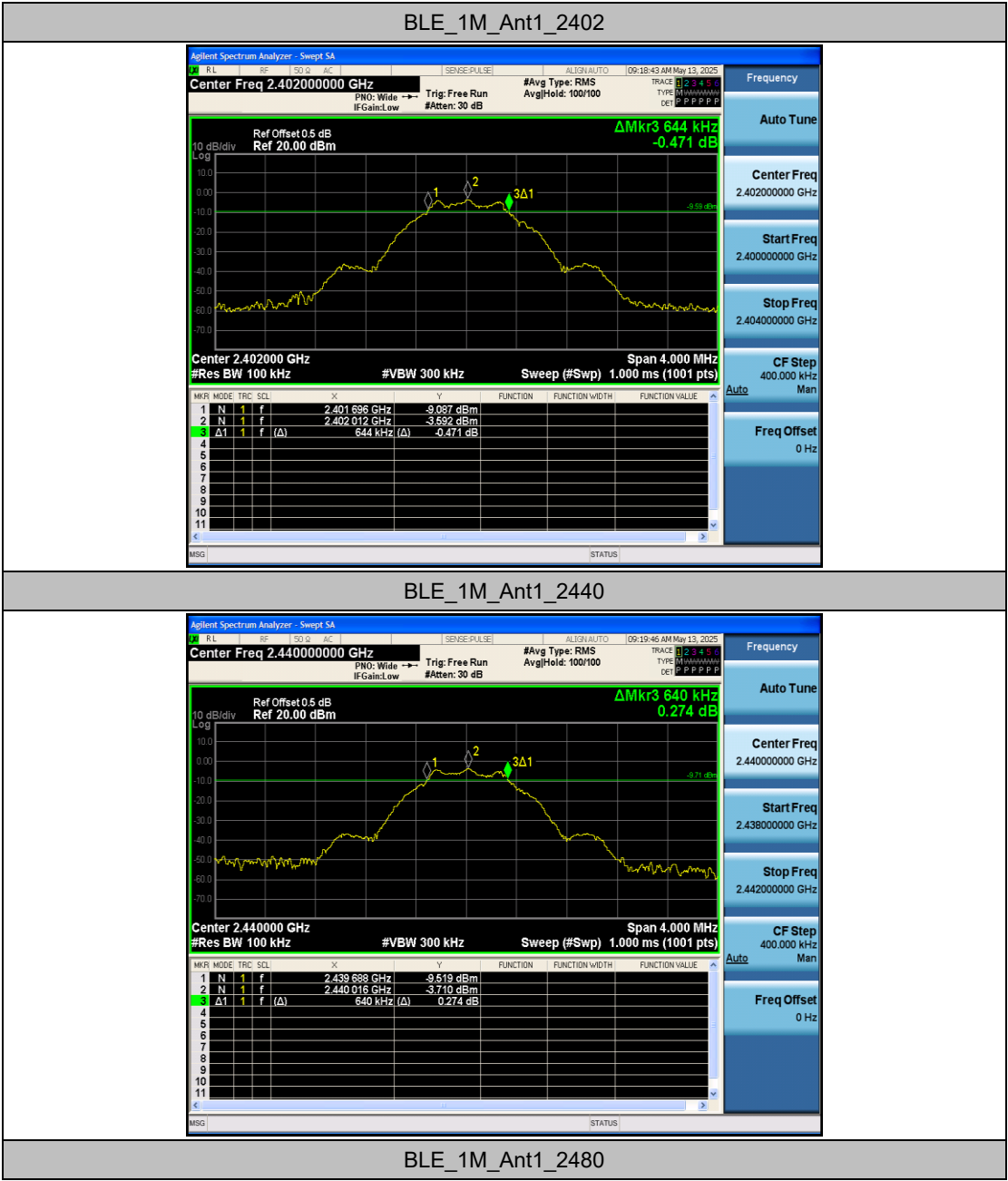
Reviewed By : Eric Wang

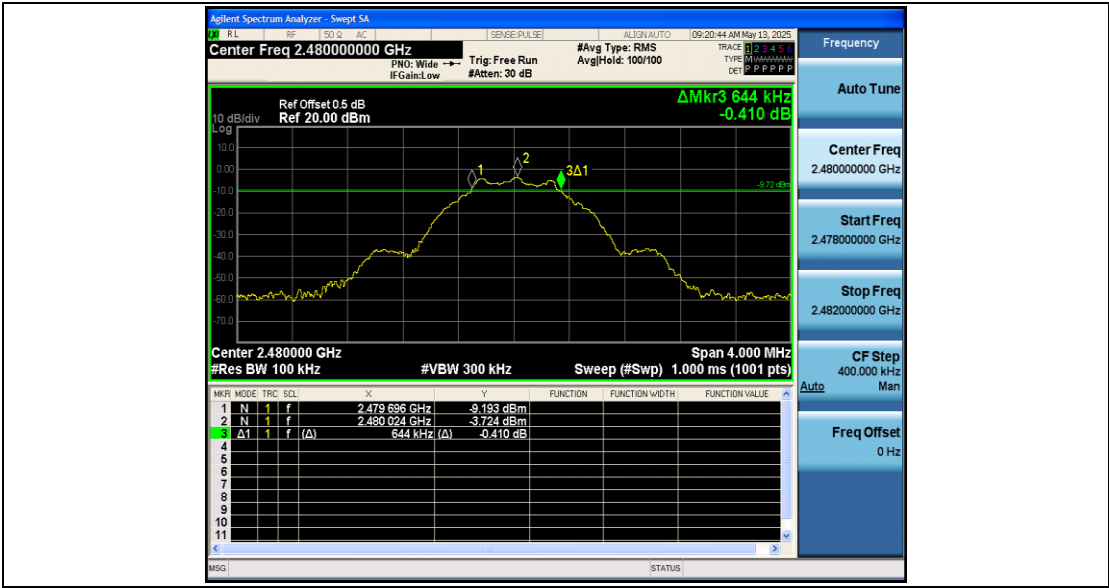
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.644	2401.696	2402.340	0.5	PASS
		2440	0.640	2439.688	2440.328	0.5	PASS
		2480	0.644	2479.696	2480.340	0.5	PASS

Test Graphs



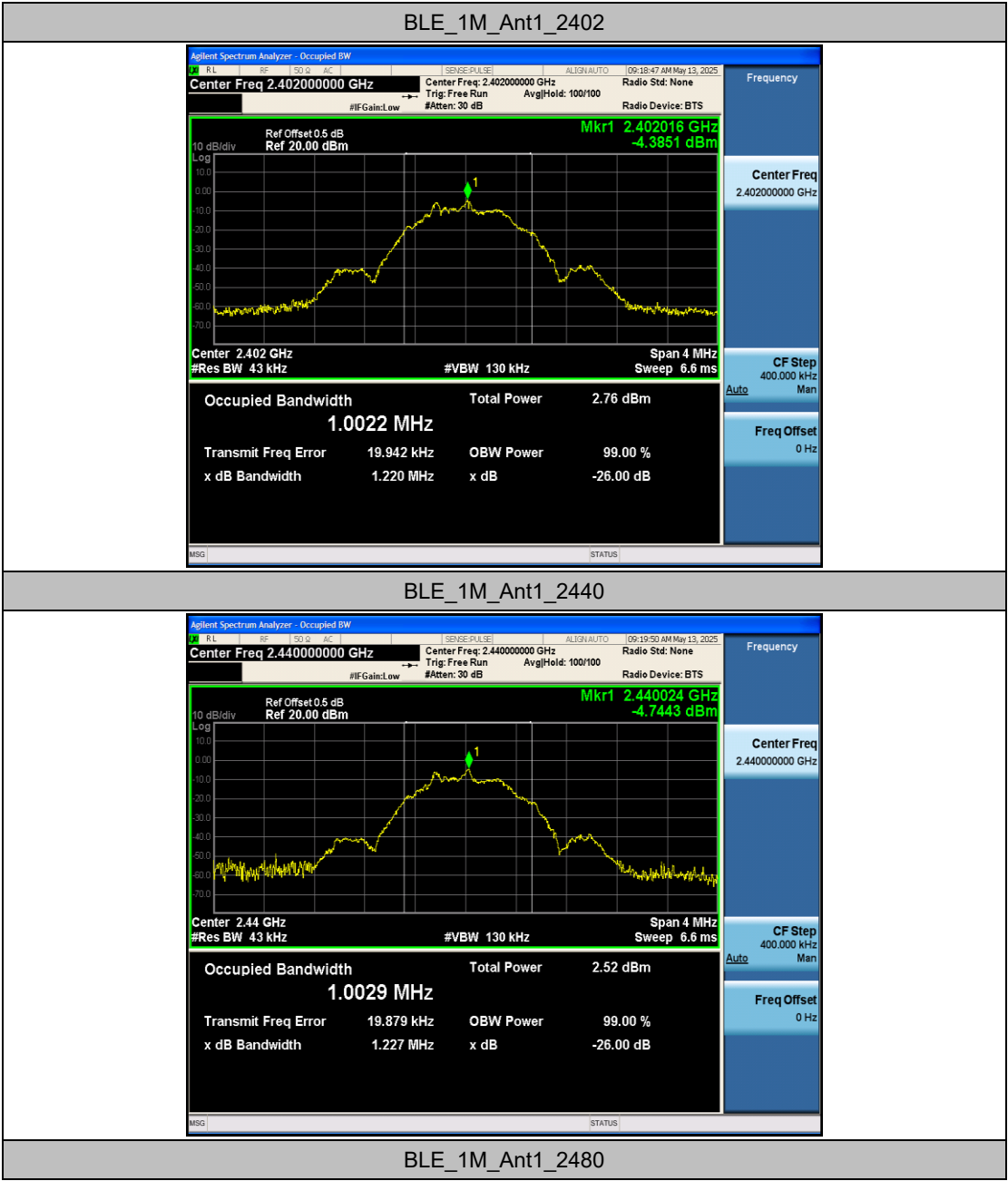


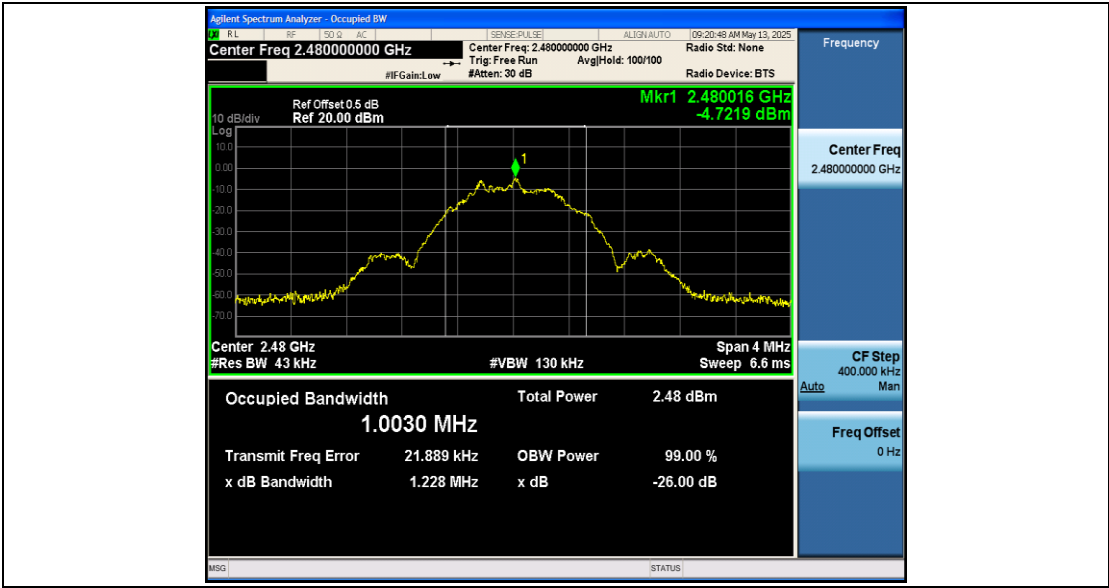
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0022	2401.5188	2402.5210	---	---
		2440	1.0029	2439.5184	2440.5213	---	---
		2480	1.0030	2479.5204	2480.5234	---	---

Test Graphs





Appendix C: Maximum conducted output power

Test Result Peak

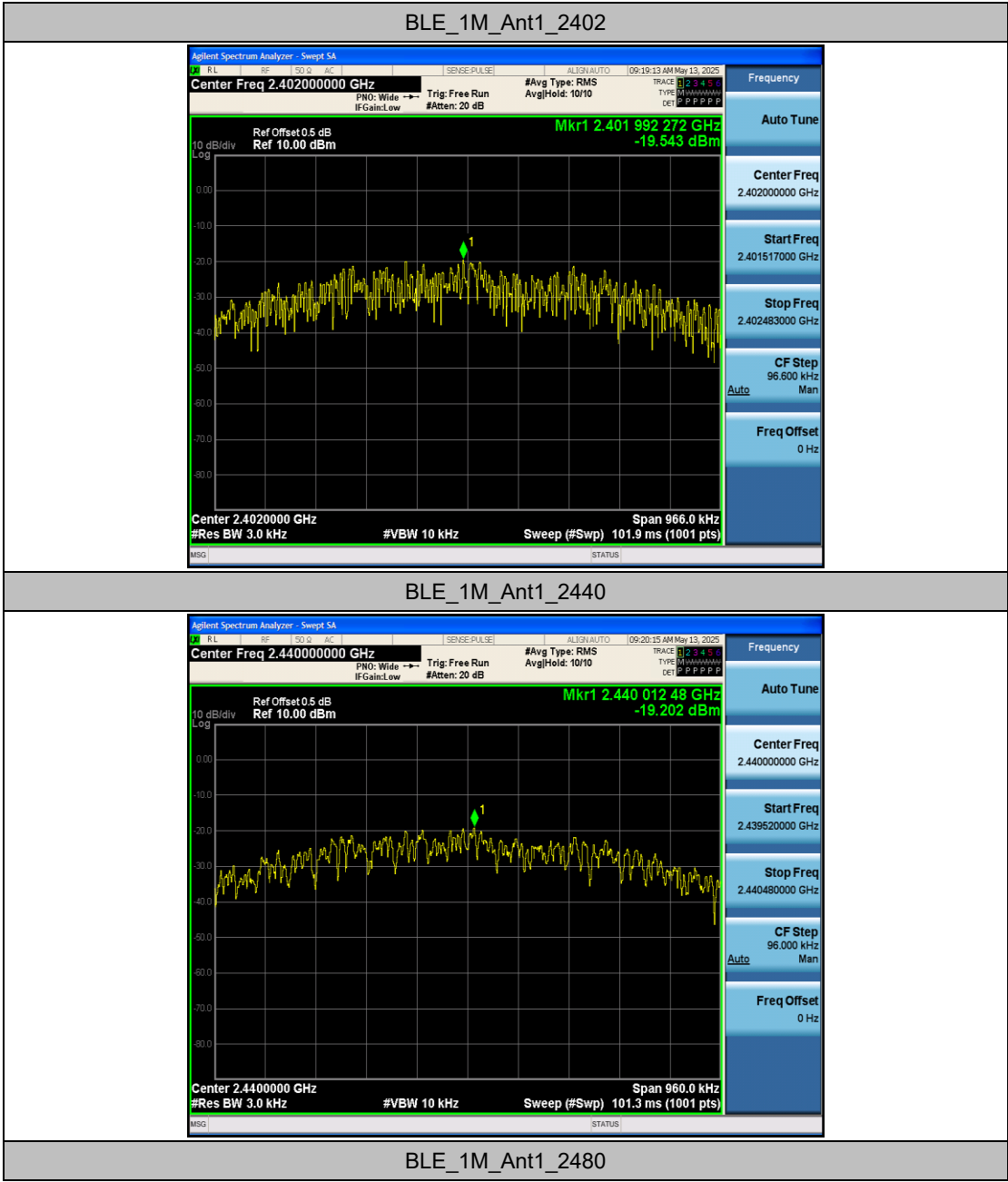
TestMode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-3.34	≤30	PASS
		2440	-3.53	≤30	PASS
		2480	-3.60	≤30	PASS

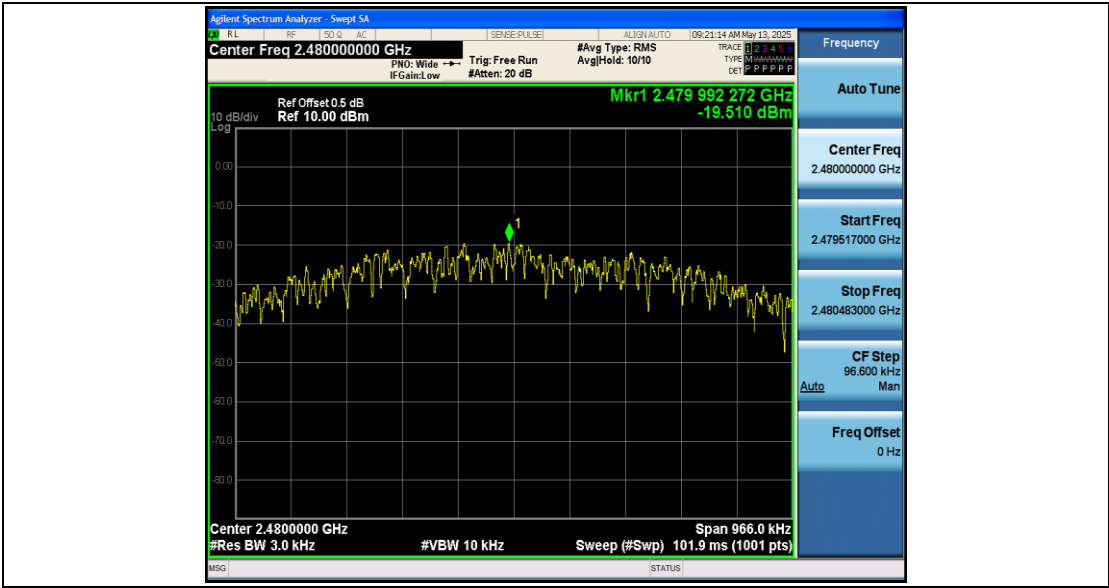
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-19.54	≤8.00	PASS
		2440	-19.20	≤8.00	PASS
		2480	-19.51	≤8.00	PASS

Test Graphs





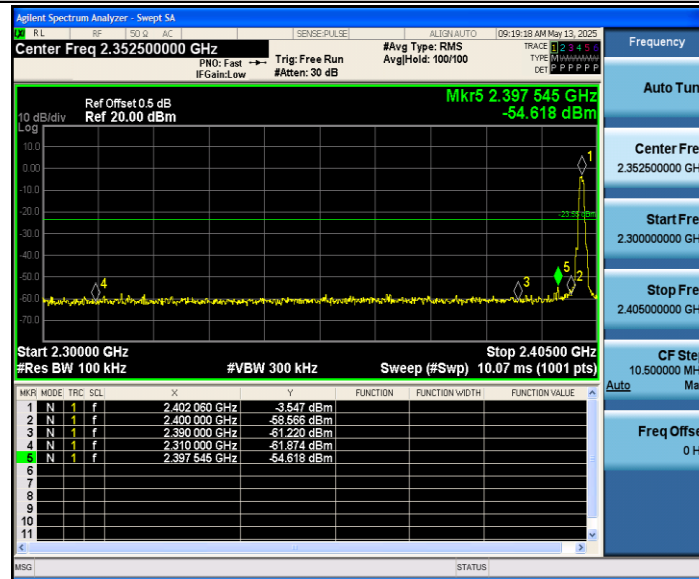
Appendix E: Band edge measurements

Test Result

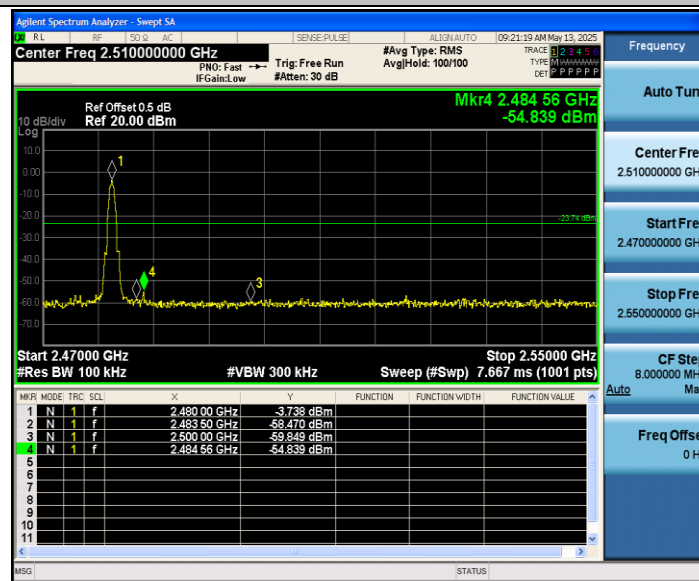
TestMod e	Antenn a	ChNam e	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdic t
BLE_1M	Ant1	Low	2402	-3.55	-54.62	≤-23.55	PASS
		High	2480	-3.74	-54.84	≤-23.74	PASS

Test Graphs

BLE_1M_Ant1_Low_2402



BLE_1M_Ant1_High_2480

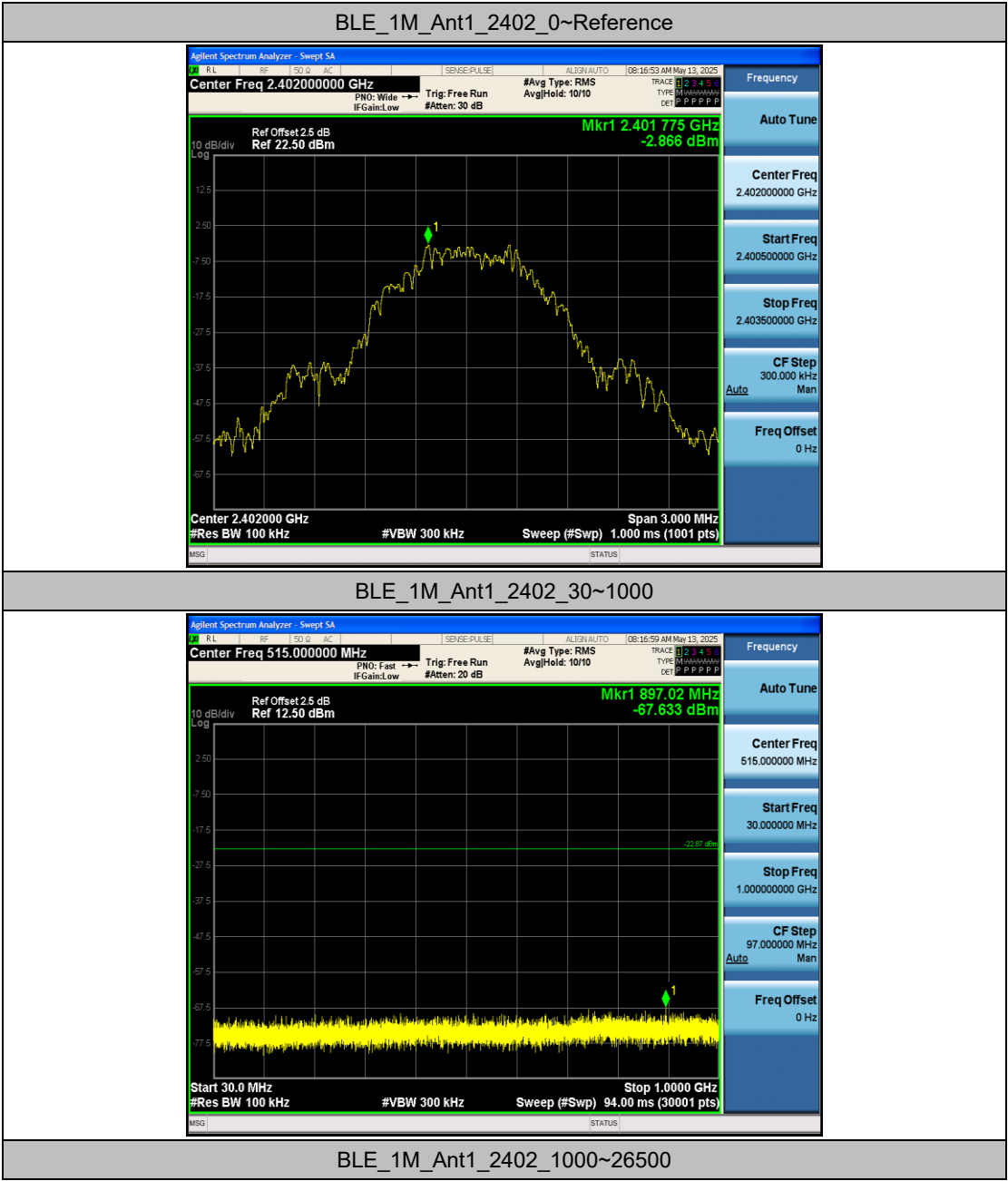


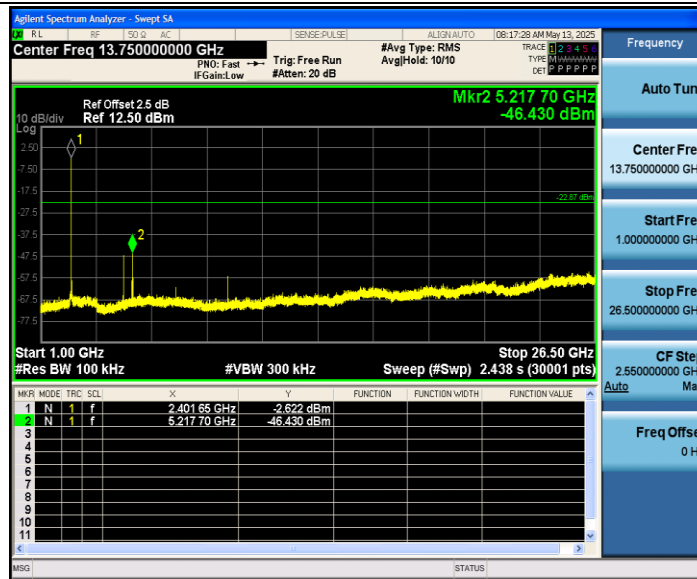
Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-2.87	-2.87	---	PASS
			30~1000	-2.87	-67.63	≤-22.87	PASS
			1000~26500	-2.87	-46.43	≤-22.87	PASS
		2440	Reference	-3.06	-3.06	---	PASS
			30~1000	-3.06	-56.26	≤-23.06	PASS
			1000~26500	-3.06	-47.3	≤-23.06	PASS
		2480	Reference	-3.55	-3.55	---	PASS
			30~1000	-3.55	-67.74	≤-23.55	PASS
			1000~26500	-3.55	-41.73	≤-23.55	PASS

Test Graphs

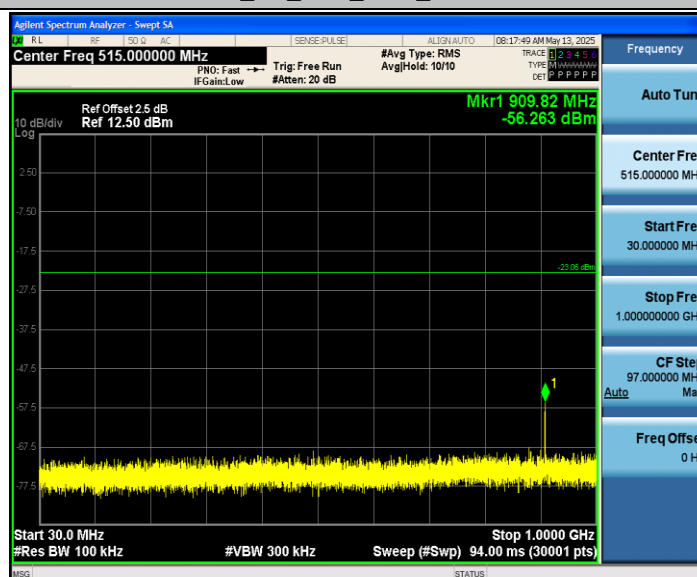




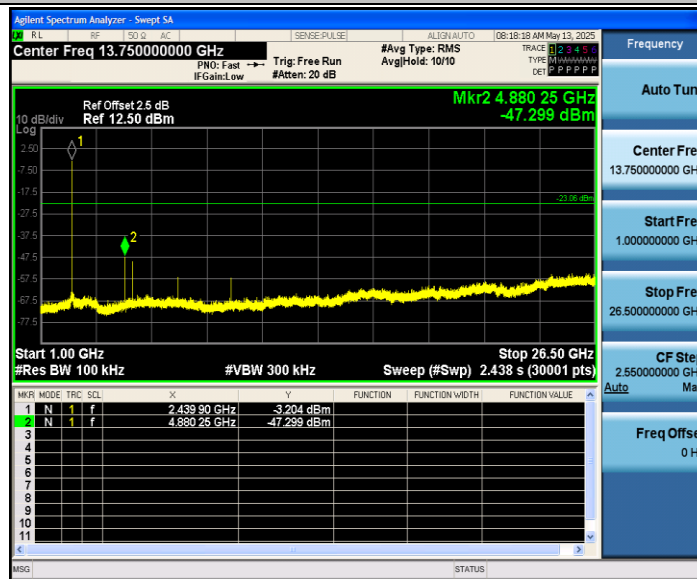
BLE_1M_Ant1_2440_0~Reference



BLE_1M_Ant1_2440_30~1000



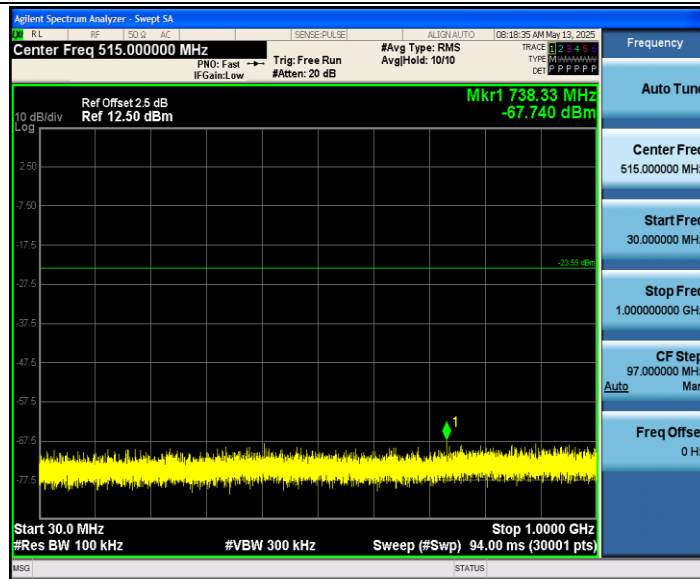
BLE_1M_Ant1_2440_1000~26500



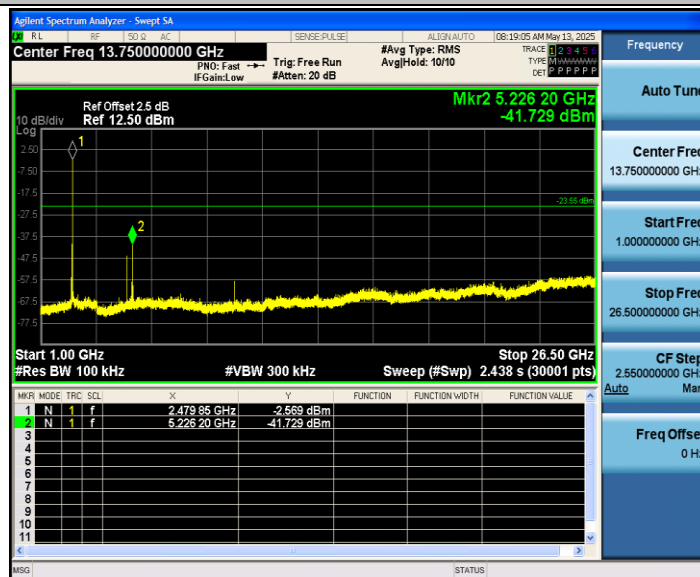
BLE_1M_Ant1_2480_0~Reference



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

