

Appendix RF Test Data for BLE

FCC ID : 2BRLY-H8

Company : Guangzhou Jiezhixin Electronic Technology Co., Ltd.

EUT : Wired mouse

Model Number : H8

Report No. : CTA25062600501

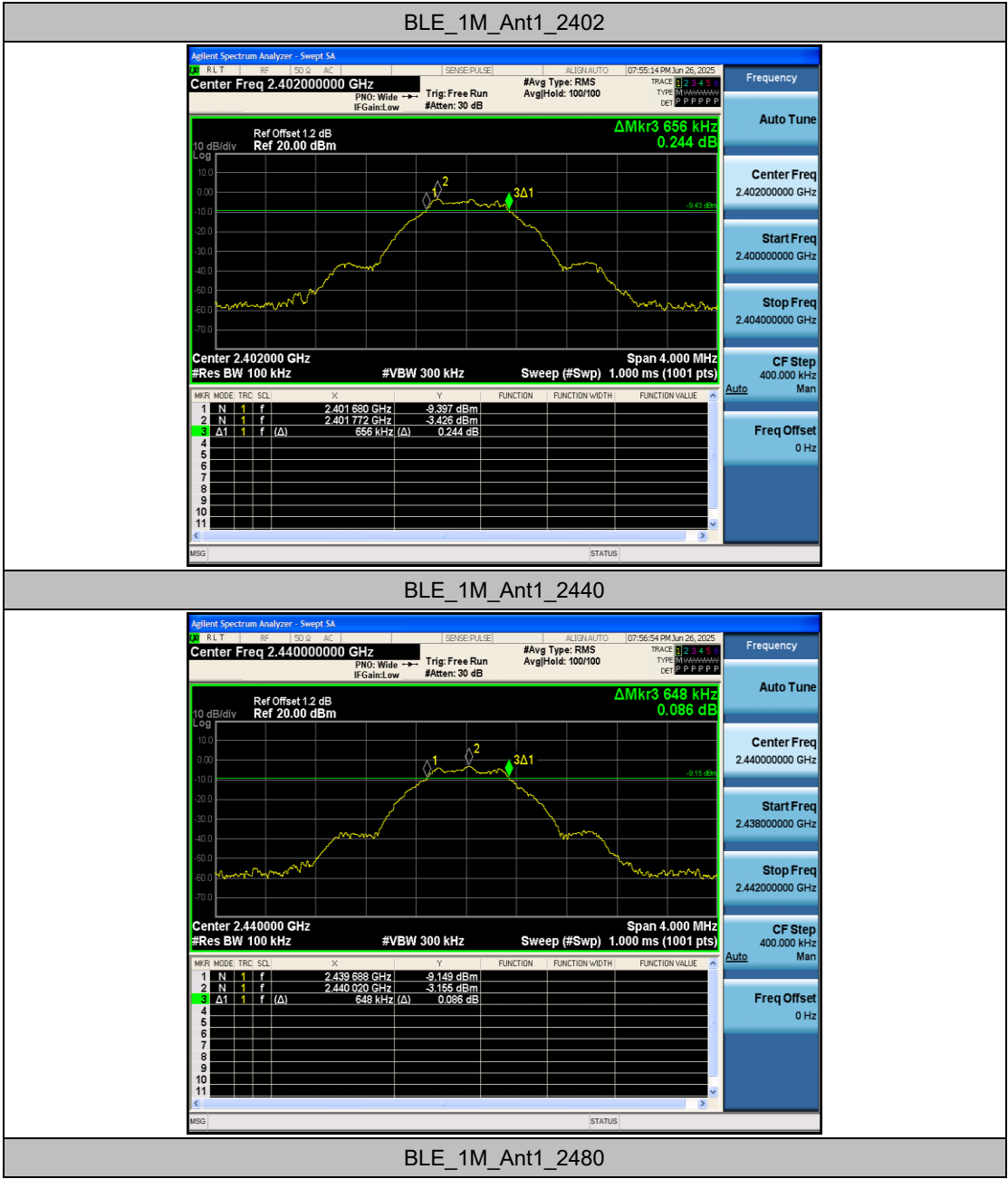
Reviewed By : Eric Wang

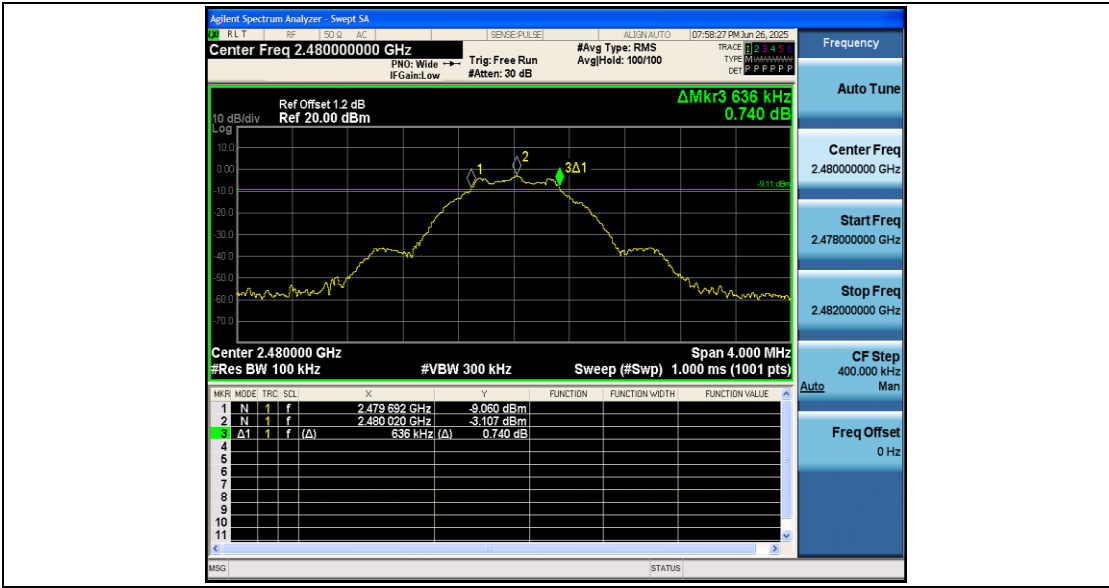
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.656	2401.680	2402.336	0.5	PASS
		2440	0.648	2439.688	2440.336	0.5	PASS
		2480	0.636	2479.692	2480.328	0.5	PASS

Test Graphs



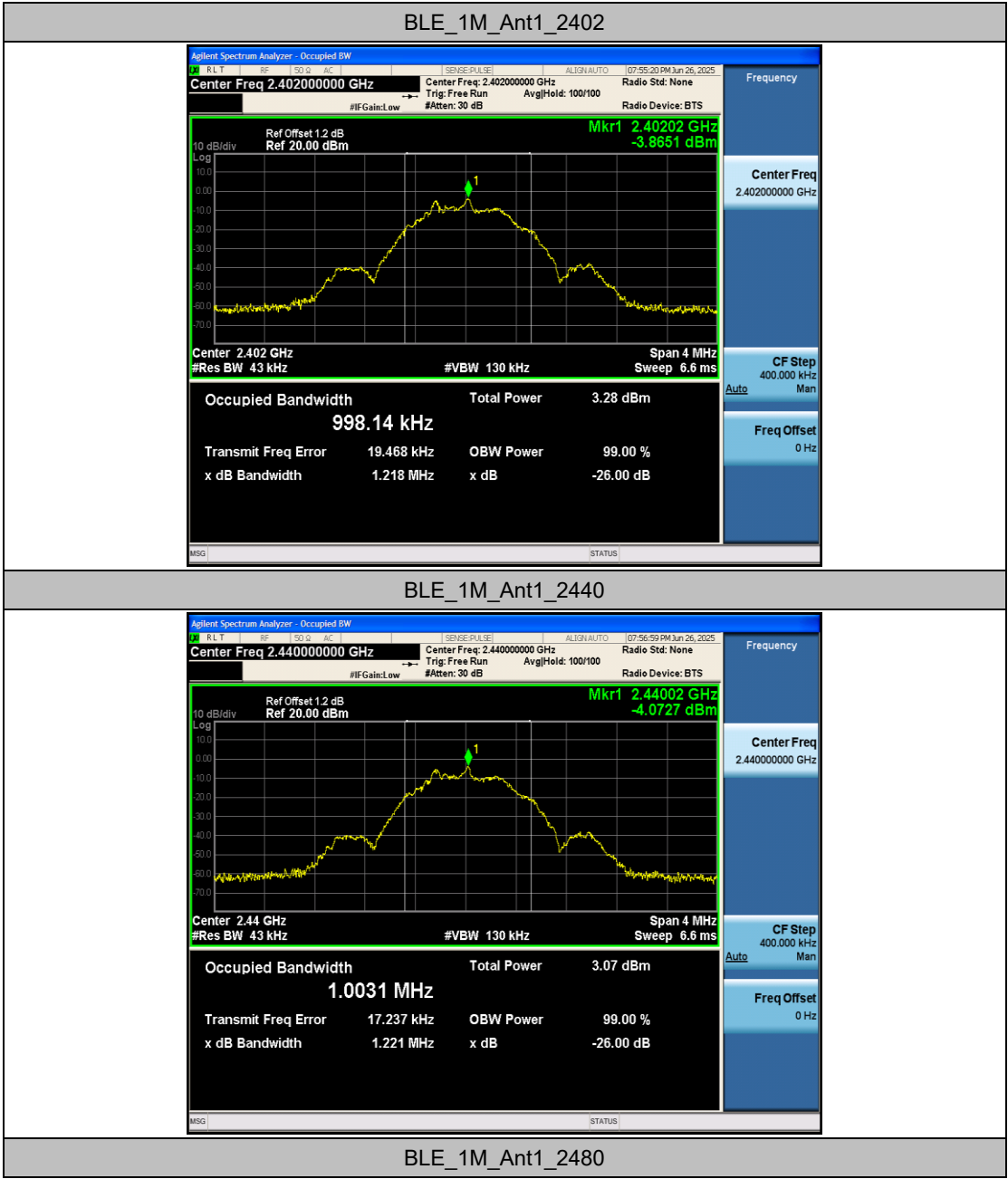


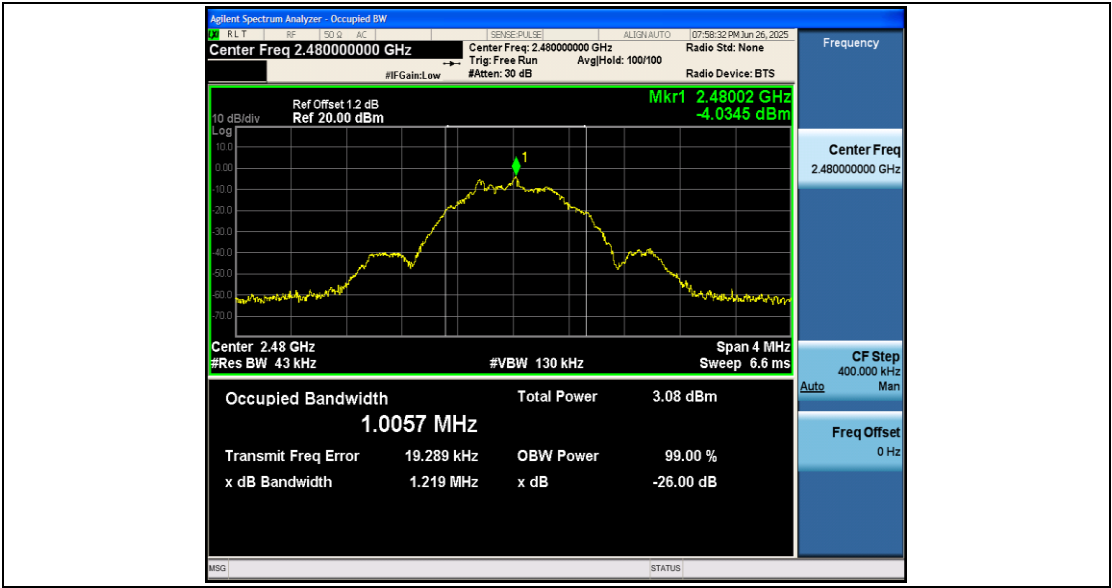
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.99814	2401.5204	2402.5185	---	---
		2440	1.0031	2439.5157	2440.5188	---	---
		2480	1.0057	2479.5164	2480.5221	---	---

Test Graphs





Appendix C: Maximum conducted output power

Test Result Peak

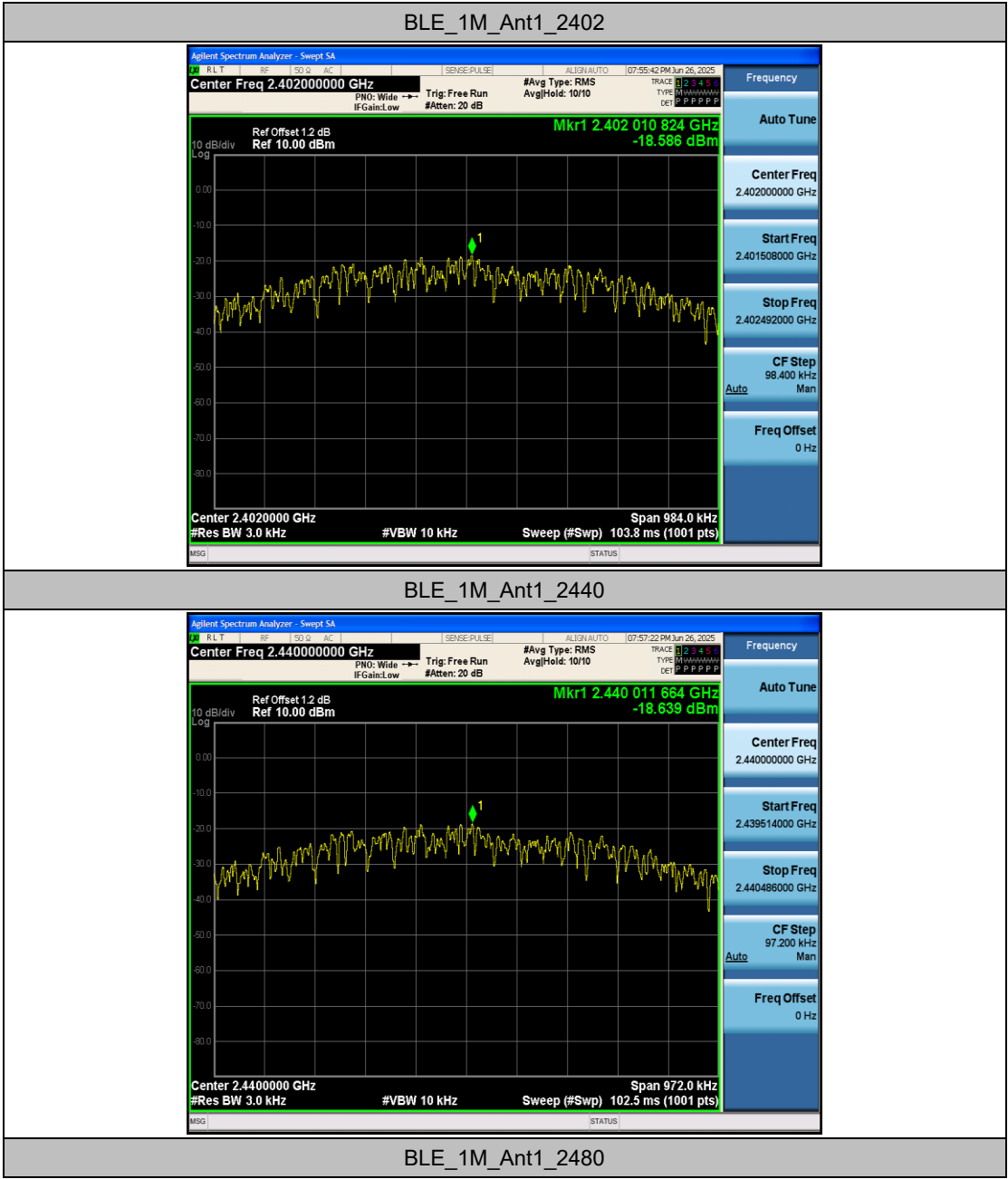
TestMode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-2.79	≤30	PASS
		2440	-2.97	≤30	PASS
		2480	-2.99	≤30	PASS

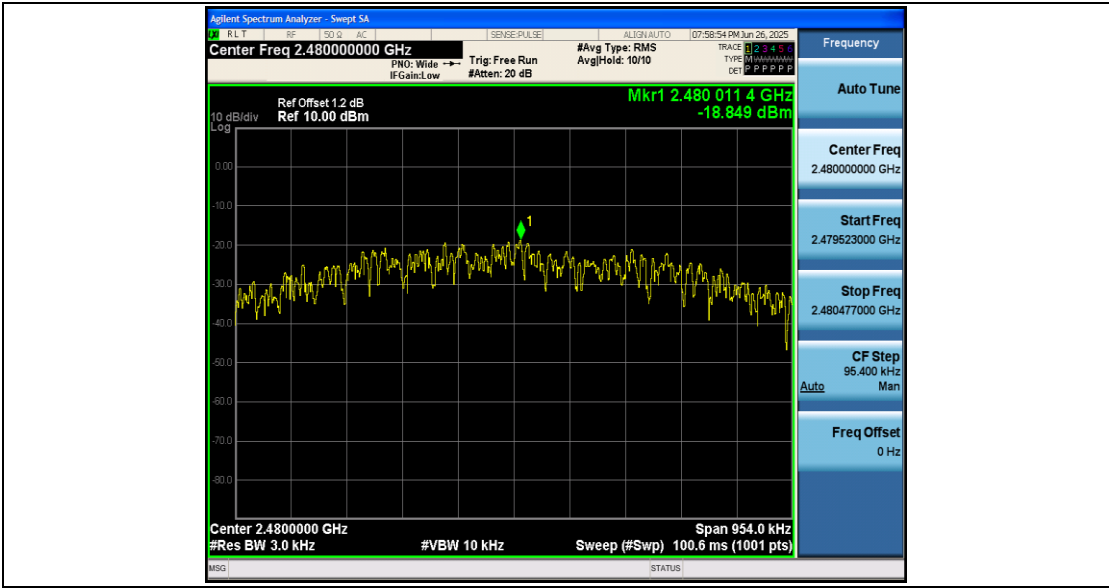
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-18.59	≤8.00	PASS
		2440	-18.64	≤8.00	PASS
		2480	-18.85	≤8.00	PASS

Test Graphs





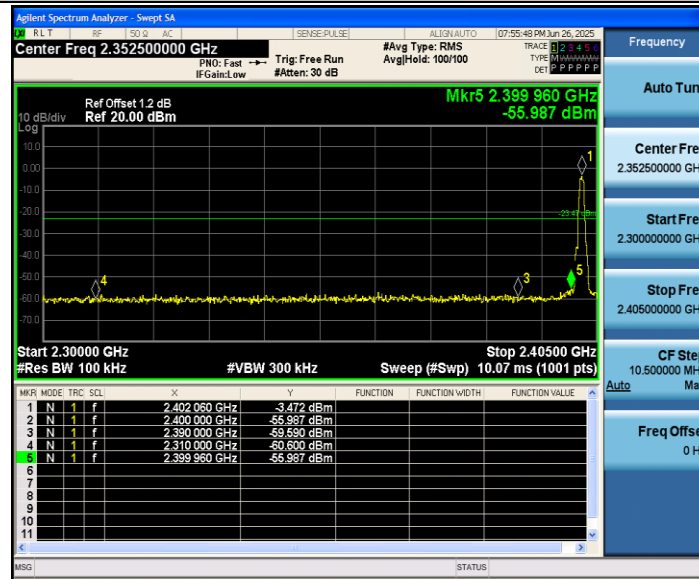
Appendix E: Band edge measurements

Test Result

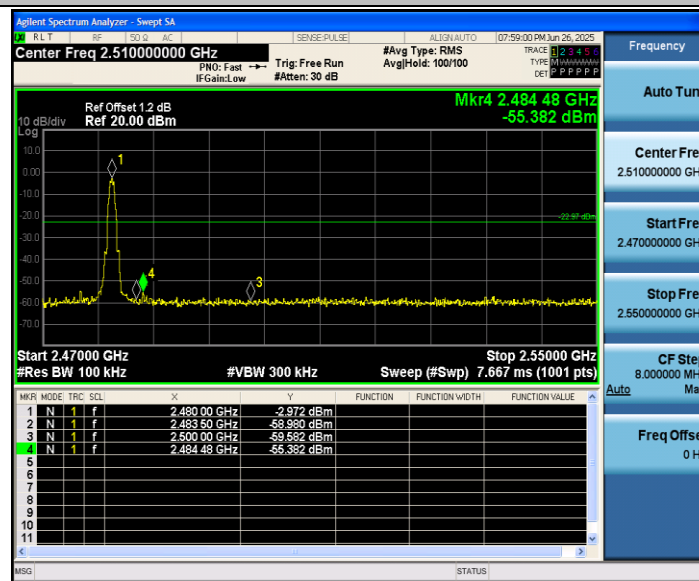
TestMode	Antenna	Channel	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-3.47	-55.99	≤-23.47	PASS
		High	2480	-2.97	-55.38	≤-22.97	PASS

Test Graphs

BLE_1M_Ant1_Low_2402



BLE_1M_Ant1_High_2480

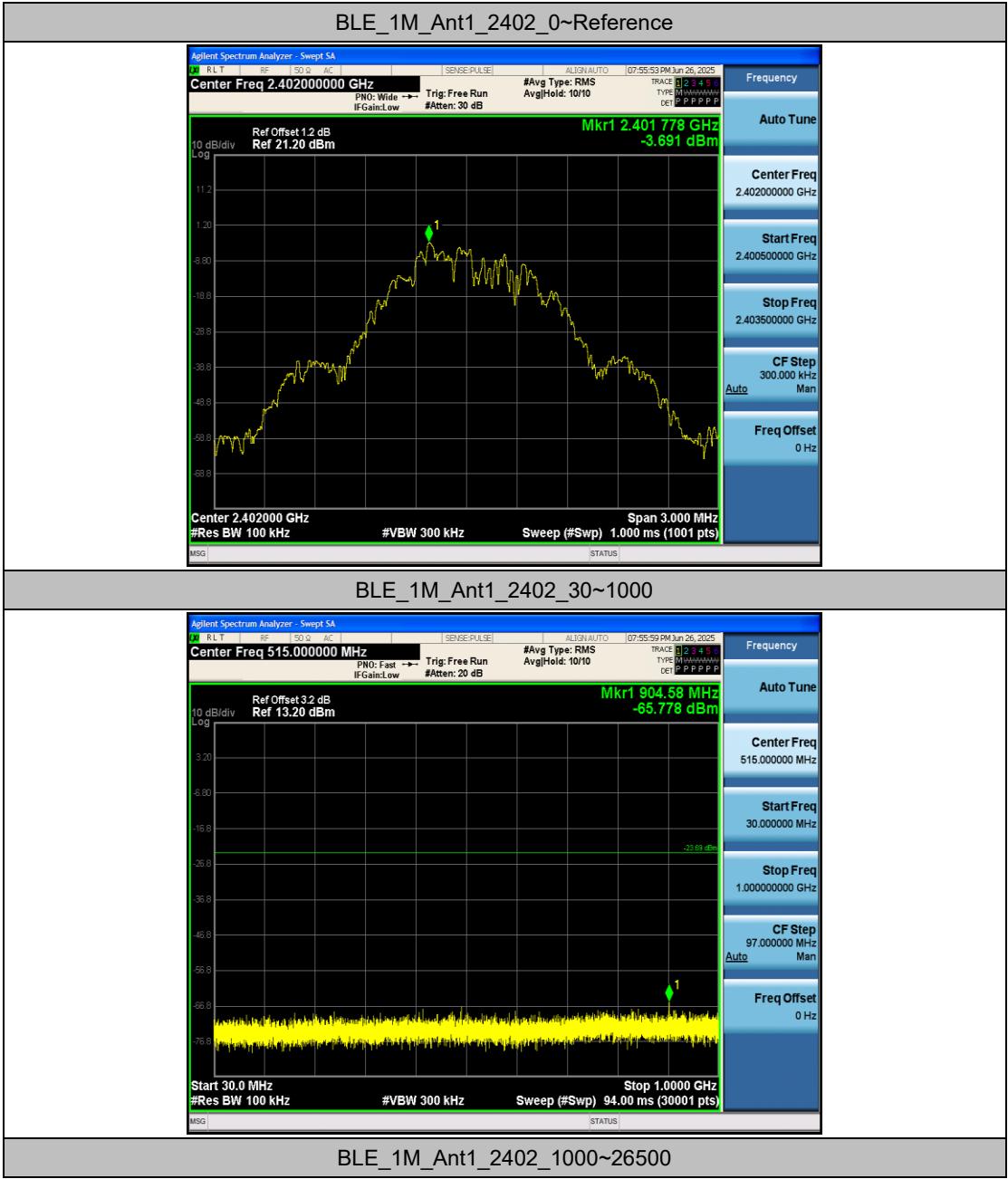


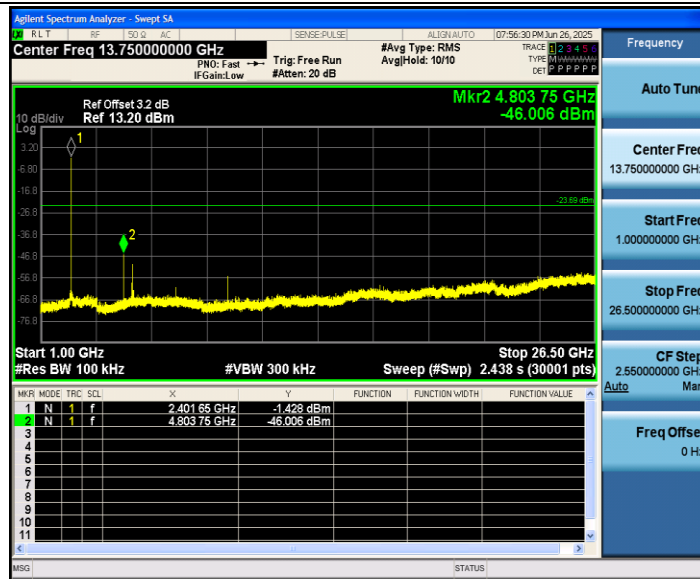
Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-3.69	-3.69	---	PASS
			30~1000	-3.69	-65.78	≤-23.69	PASS
			1000~26500	-3.69	-46.01	≤-23.69	PASS
		2440	Reference	-4.01	-4.01	---	PASS
			30~1000	-4.01	-67.3	≤-24.01	PASS
			1000~26500	-4.01	-45.49	≤-24.01	PASS
		2480	Reference	-4.85	-4.85	---	PASS
			30~1000	-4.85	-67.06	≤-24.85	PASS
			1000~26500	-4.85	-46.05	≤-24.85	PASS

Test Graphs

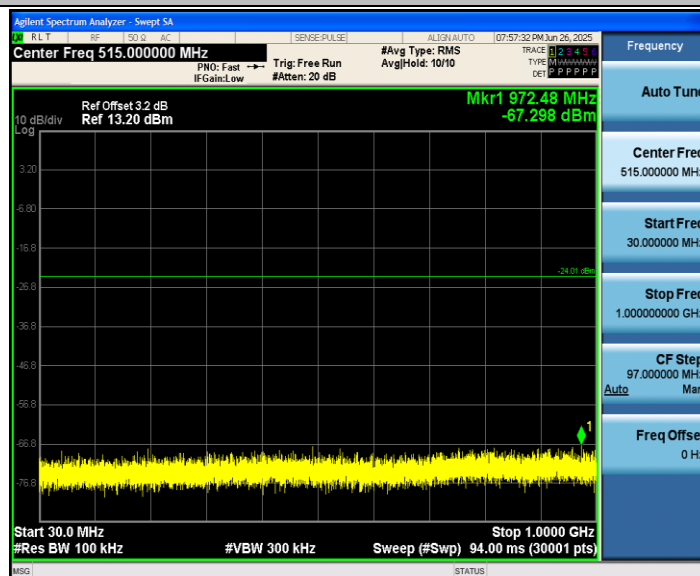




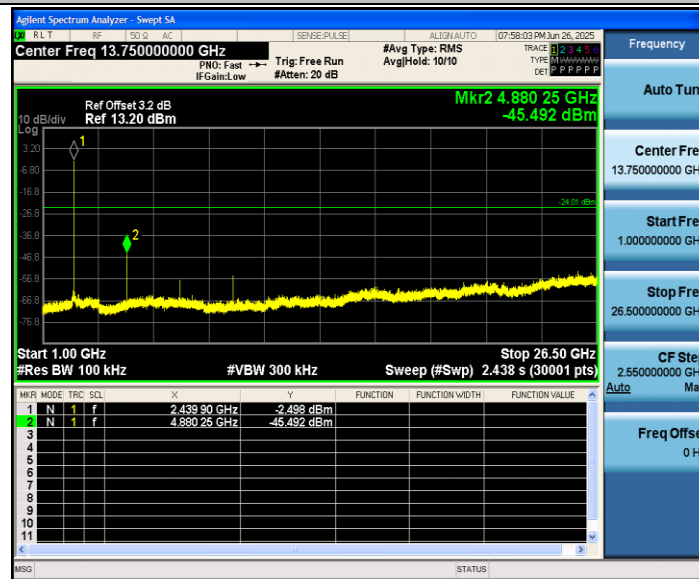
BLE_1M_Ant1_2440_0~Reference



BLE_1M_Ant1_2440_30~1000



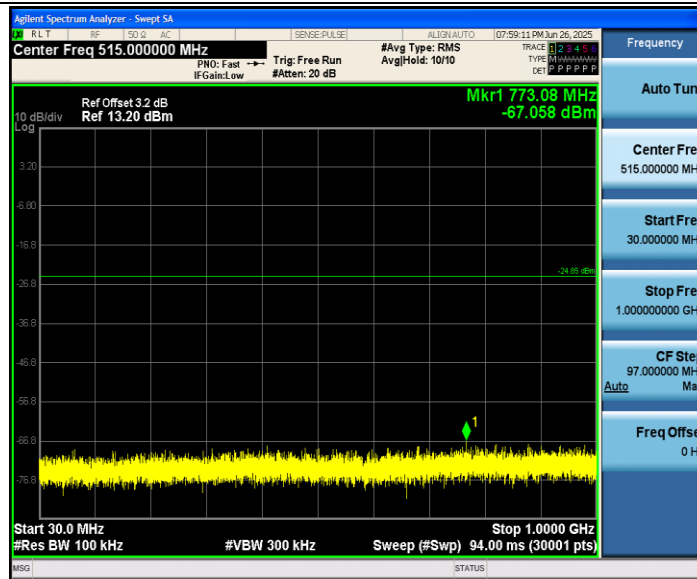
BLE_1M_Ant1_2440_1000~26500



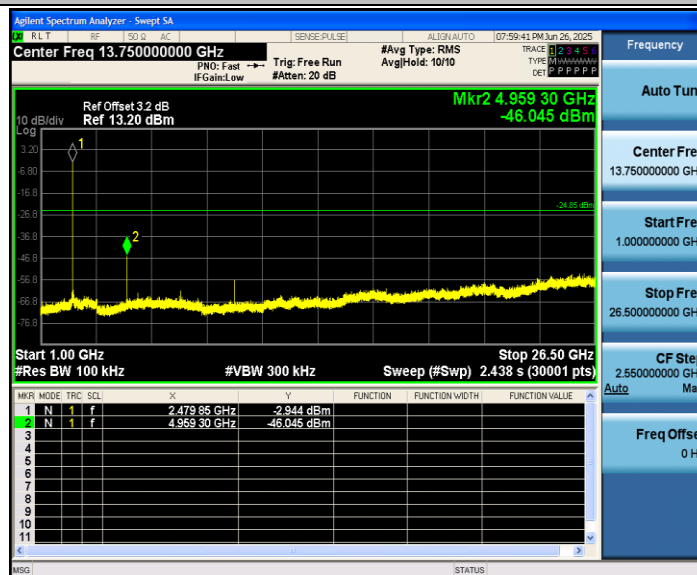
BLE_1M_Ant1_2480_0~Reference



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	0.62	0.6613	66.13	1.80	---	---
		2440	0.41	0.62	0.6613	66.13	1.80	---	---
		2480	0.41	0.62	0.6613	66.13	1.80	---	---

Test Graphs

