

FCC Appendix RF Test Data

FCC ID : 2BPUT-G05

Company: : Leadtek Japan

EUT : Smart Refresh Gun

Model Number : G05

Report No. : CTA25051901001

Reviewed By : Eric Wang

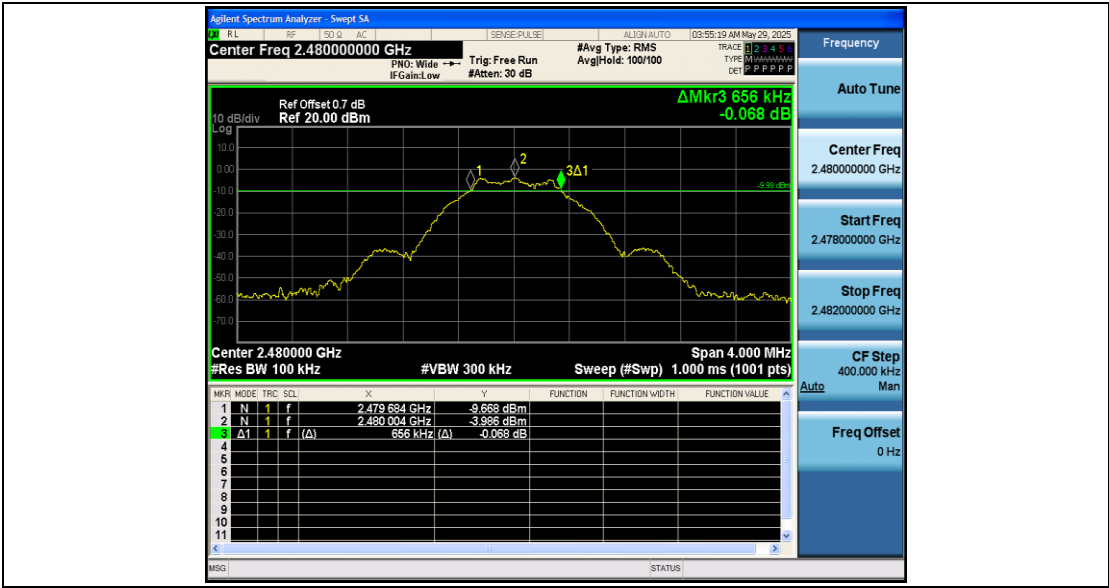
Appendix A: DTS Bandwidth

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	0.656	2439.684	2440.340	0.5	PASS
		2480	0.656	2479.684	2480.340	0.5	PASS

Test Graphs



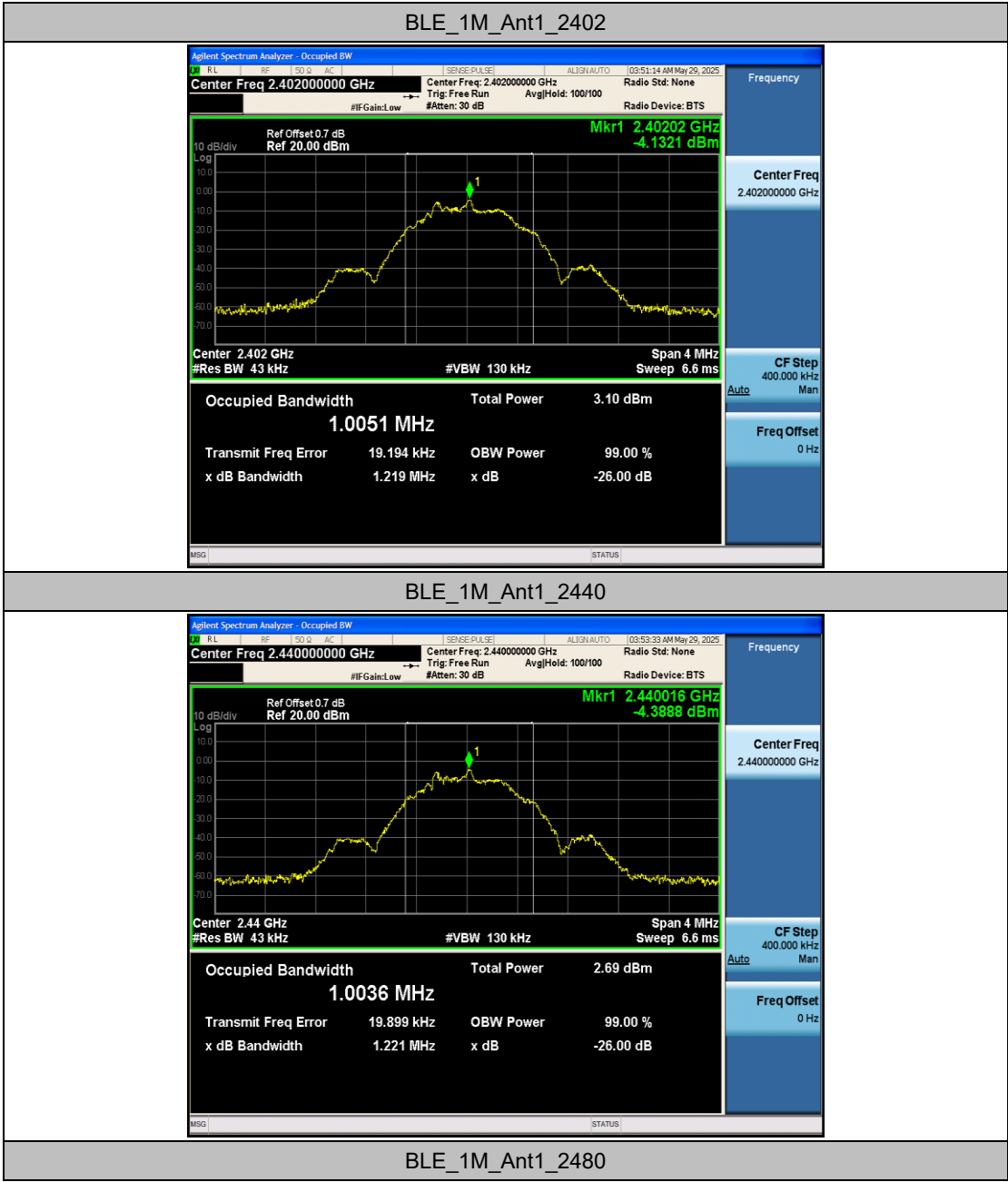


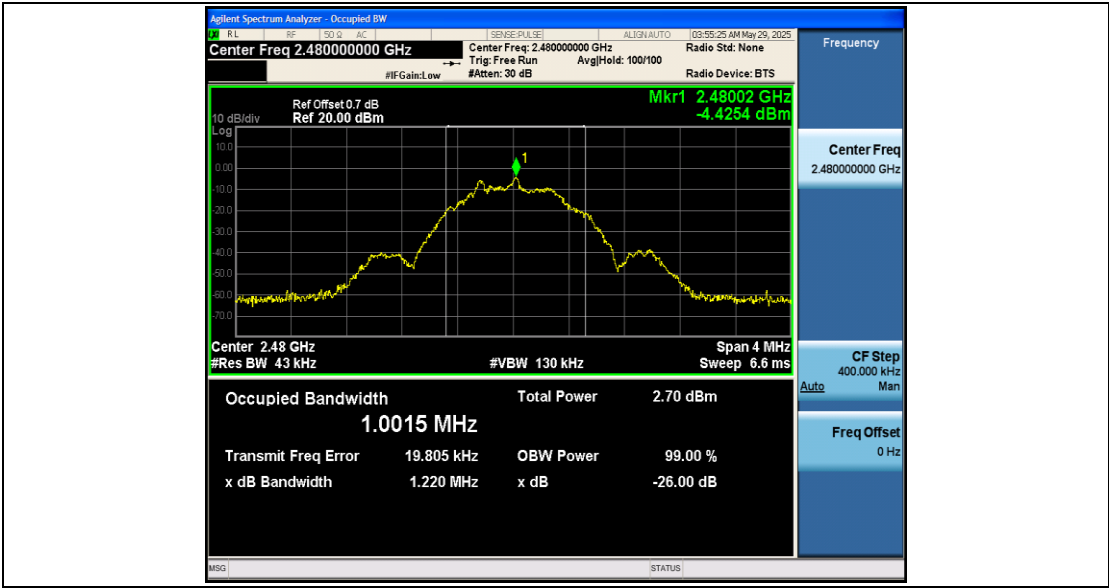
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0051	2401.5166	2402.5217	---	---
		2440	1.0036	2439.5181	2440.5217	---	---
		2480	1.0015	2479.5191	2480.5206	---	---

Test Graphs





Appendix C: Maximum conducted output power

Test Result Peak

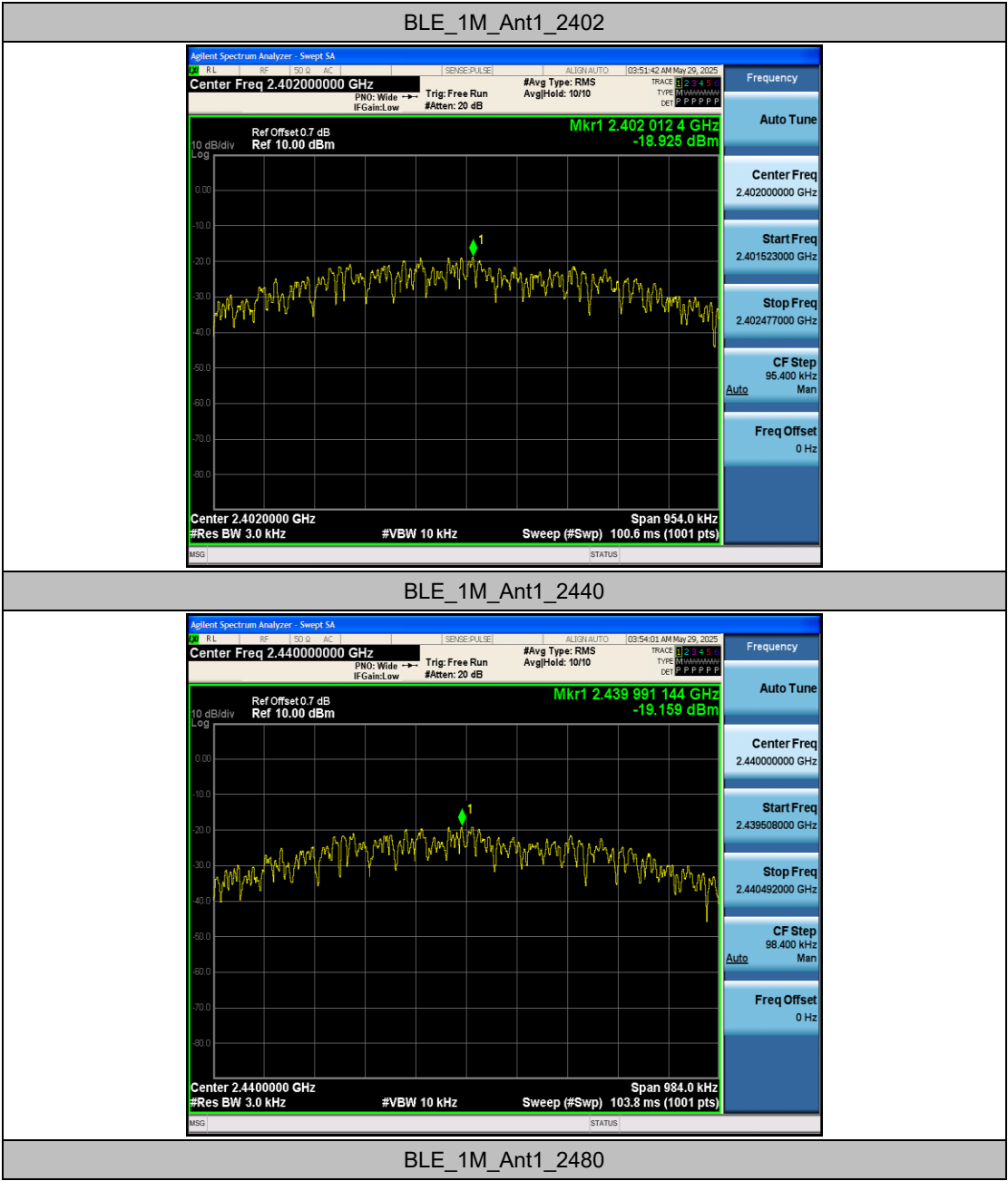
TestMode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-3.04	≤30	PASS
		2440	-3.38	≤30	PASS
		2480	-3.40	≤30	PASS

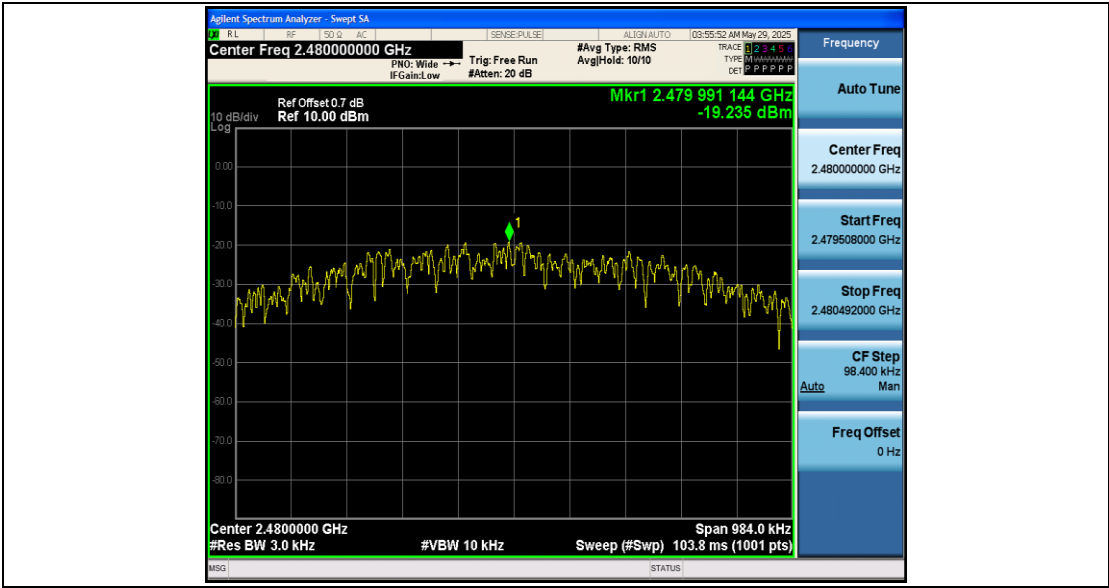
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-18.93	≤8.00	PASS
		2440	-19.16	≤8.00	PASS
		2480	-19.24	≤8.00	PASS

Test Graphs



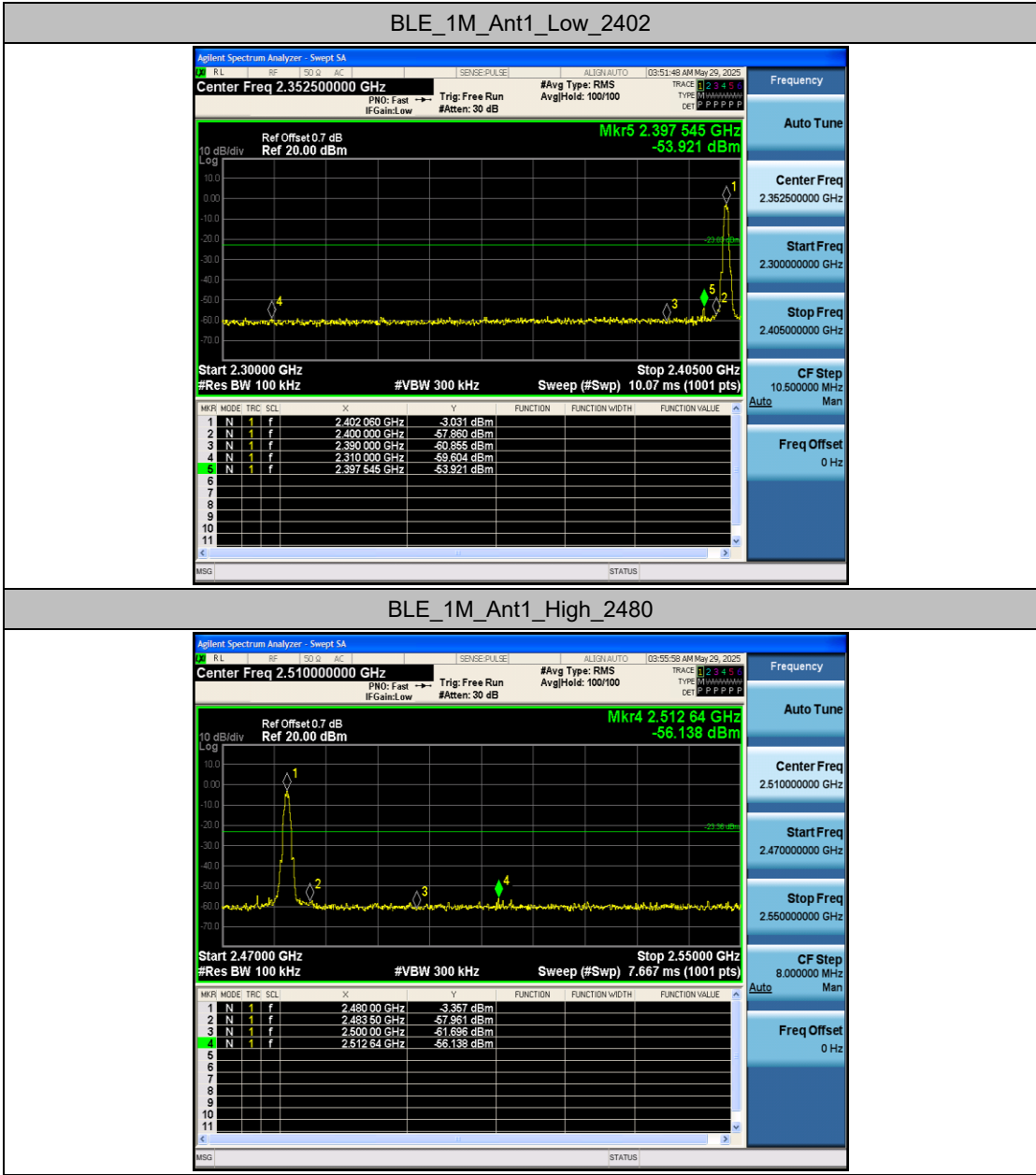


Appendix E: Band edge measurements

Test Result

TestMode	Antenna	Channel	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-3.03	-53.92	≤-23.03	PASS
		High	2480	-3.36	-56.14	≤-23.36	PASS

Test Graphs

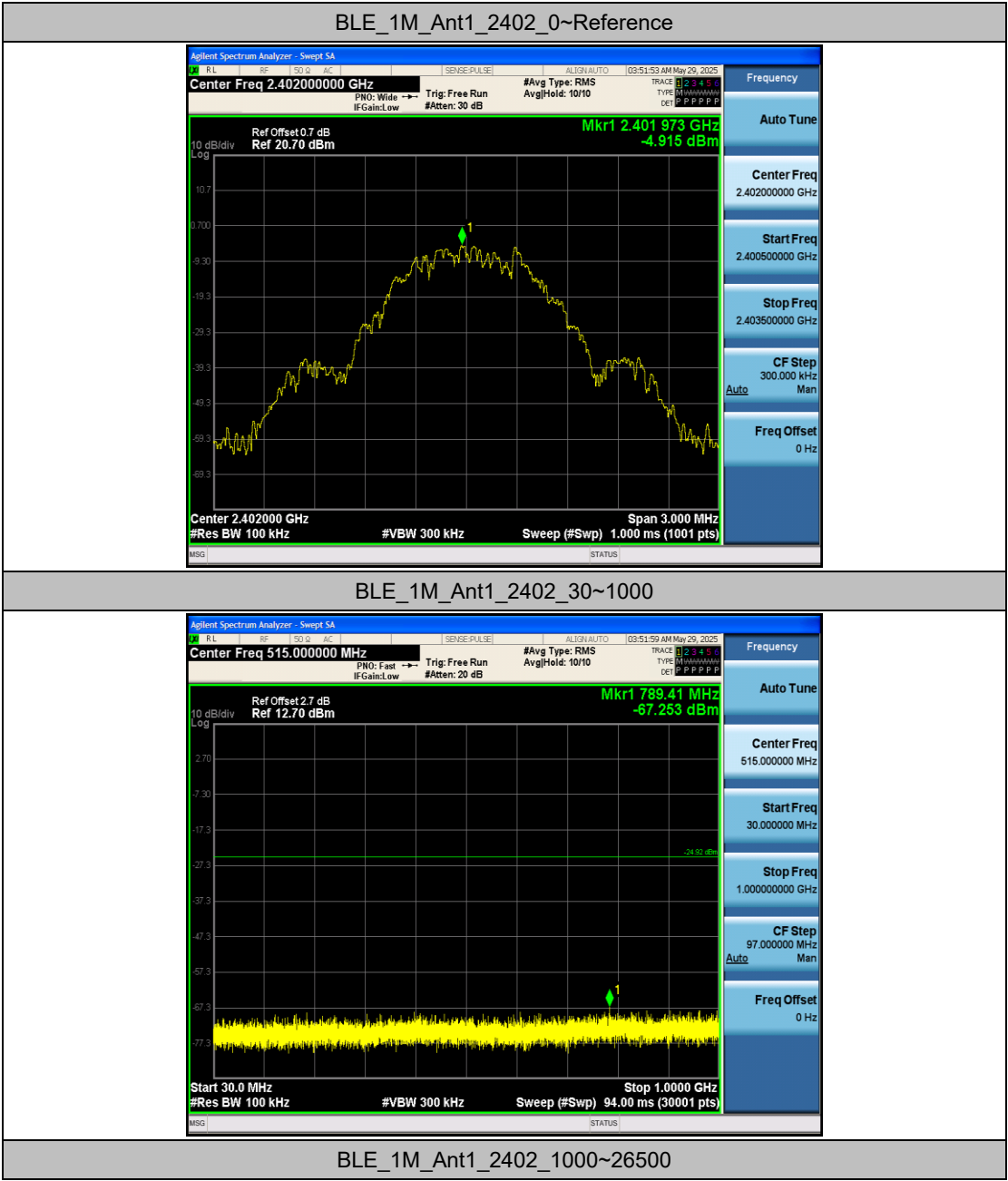


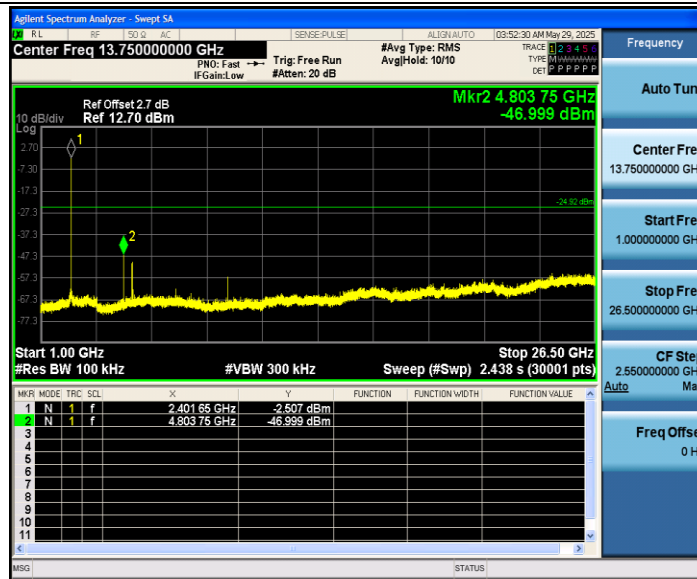
Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-4.92	-4.92	---	PASS
			30~1000	-4.92	-67.25	≤-24.92	PASS
			1000~26500	-4.92	-47	≤-24.92	PASS
		2440	Reference	-4.72	-4.72	---	PASS
			30~1000	-4.72	-67.5	≤-24.72	PASS
			1000~26500	-4.72	-44.68	≤-24.72	PASS
		2480	Reference	-4.93	-4.93	---	PASS
			30~1000	-4.93	-68.04	≤-24.93	PASS
			1000~26500	-4.93	-47.56	≤-24.93	PASS

Test Graphs

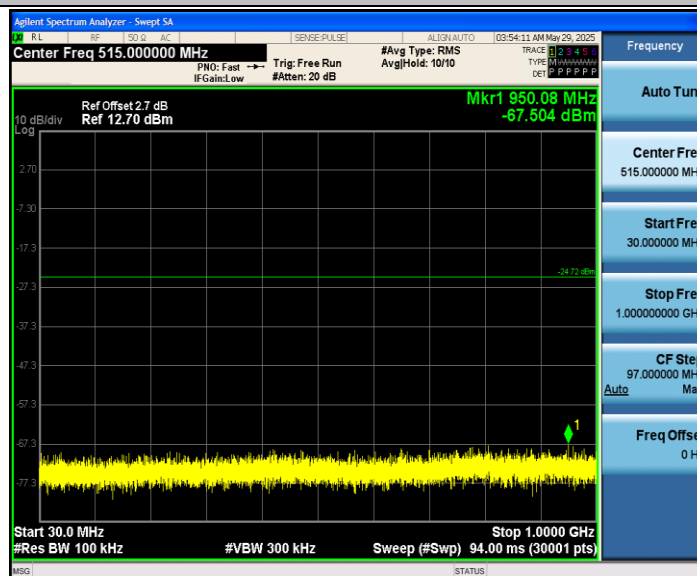




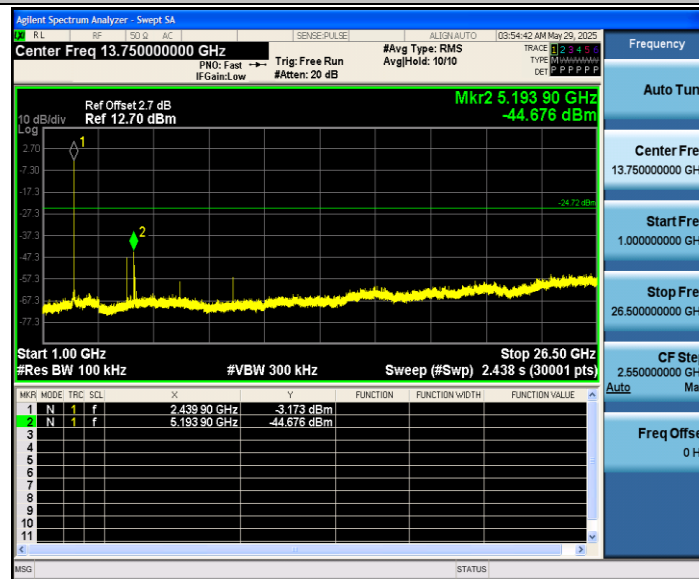
BLE_1M_Ant1_2440_0~Reference



BLE_1M_Ant1_2440_30~1000



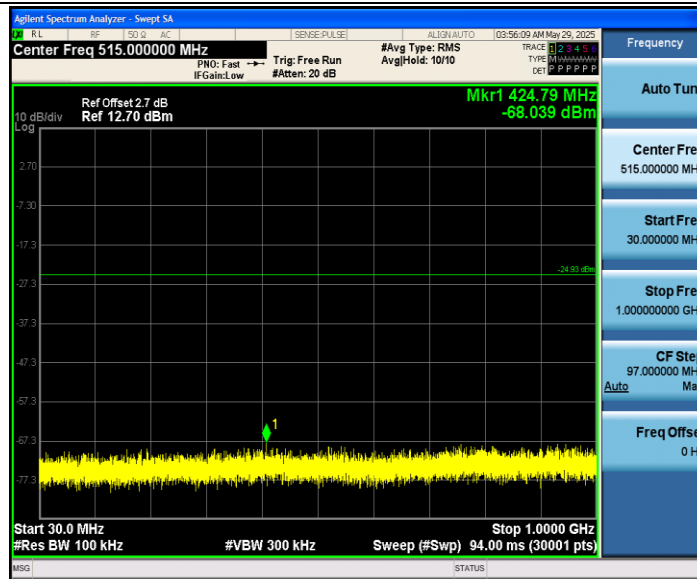
BLE_1M_Ant1_2440_1000~26500



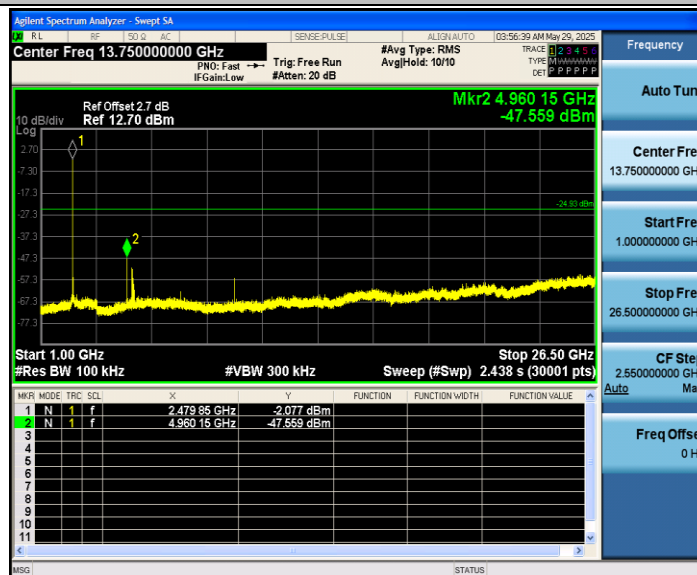
BLE_1M_Ant1_2480_0~Reference



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

