

FCC Appendix RF Test Data

FCC ID : 2BKZS-S88MAX

Company: : Shenzhen Jinruihuan Technology Co., LTD

EUT : Smart watch

Model Number : S88Max

Report No. : CTA25060302001

Reviewed By : Eric Wang

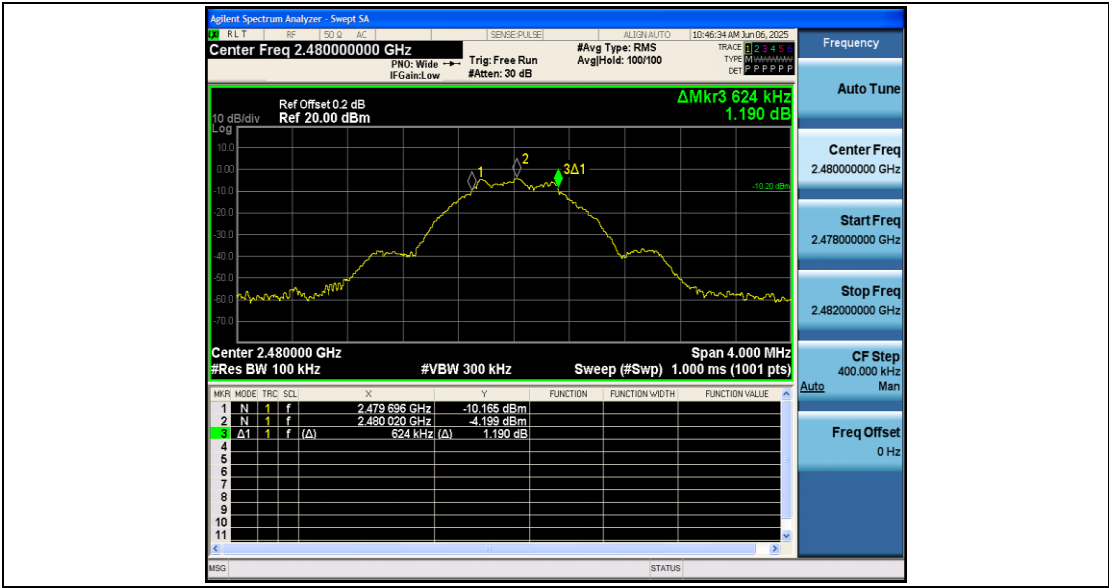
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.636	2401.692	2402.328	0.5	PASS
		2440	0.644	2439.692	2440.336	0.5	PASS
		2480	0.624	2479.696	2480.320	0.5	PASS

Test Graphs





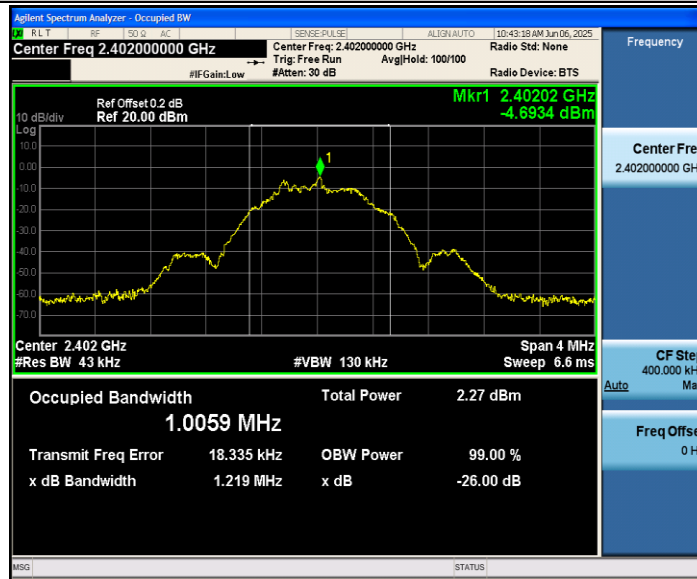
Appendix B: Occupied Channel Bandwidth

Test Result

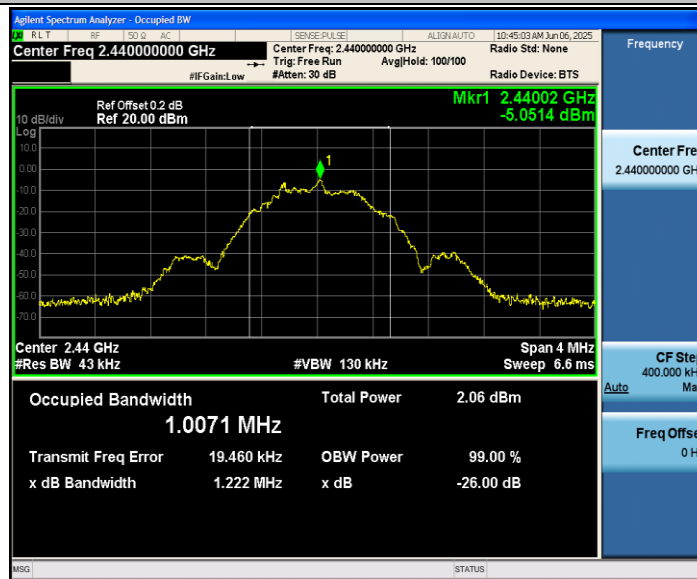
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0059	2401.5154	2402.5213	---	---
		2440	1.0071	2439.5159	2440.5230	---	---
		2480	1.0022	2479.5173	2480.5195	---	---

Test Graphs

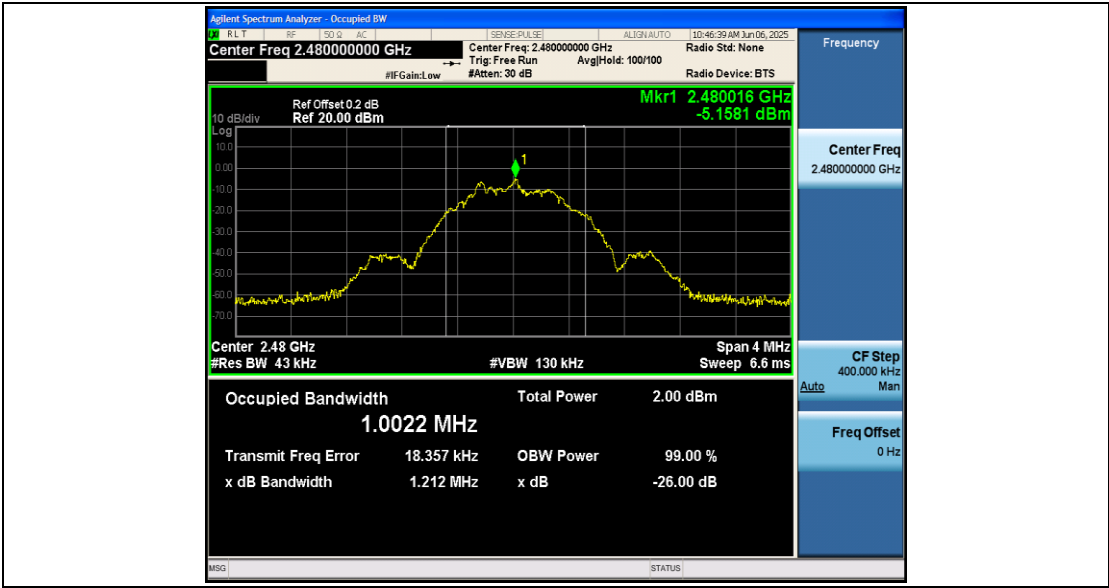
BLE_1M_Ant1_2402



BLE_1M_Ant1_2440



BLE_1M_Ant1_2480



Appendix C: Maximum conducted output power

Test Result Peak

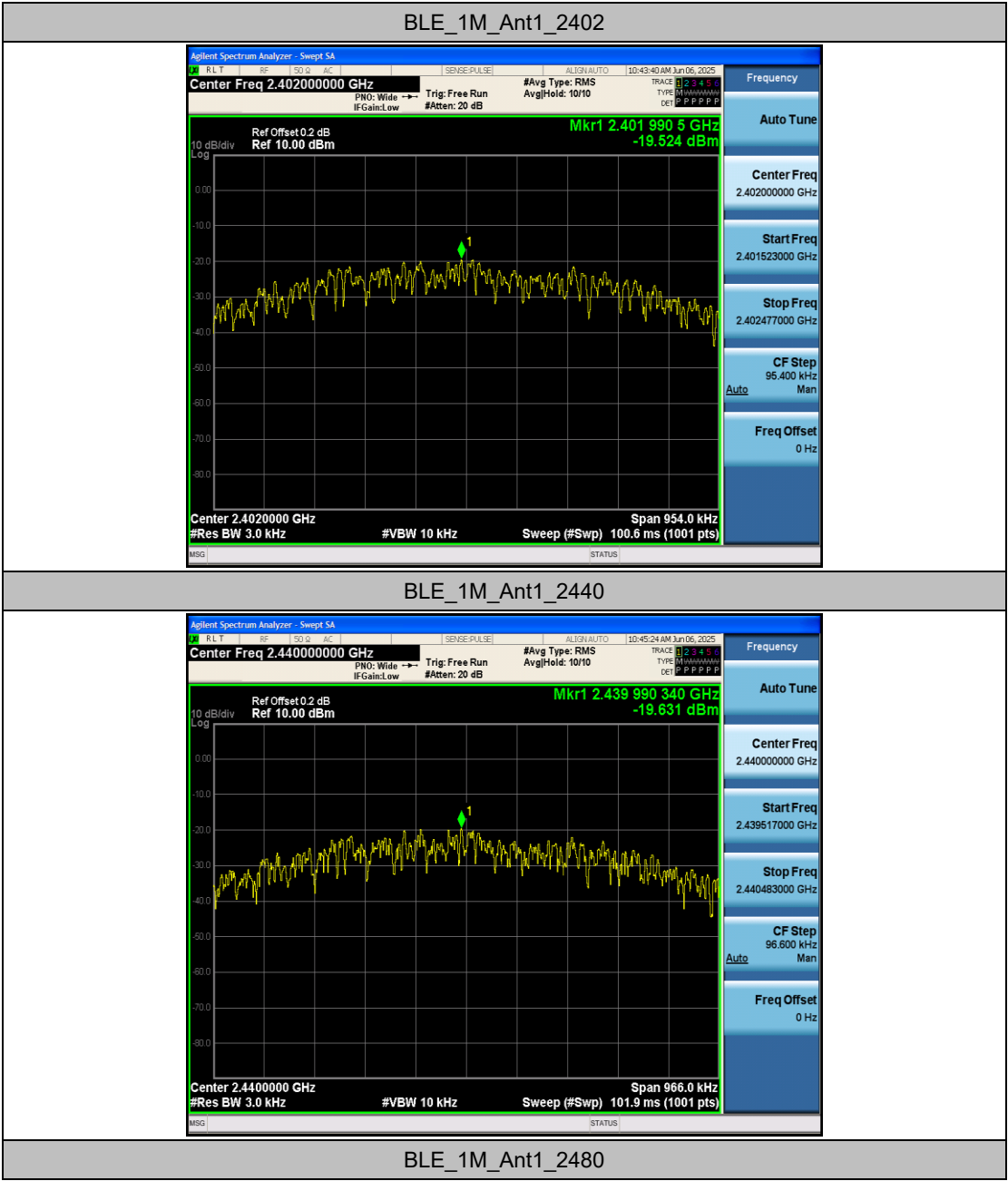
TestMode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-3.67	≤30	PASS
		2440	-4.01	≤30	PASS
		2480	-4.08	≤30	PASS

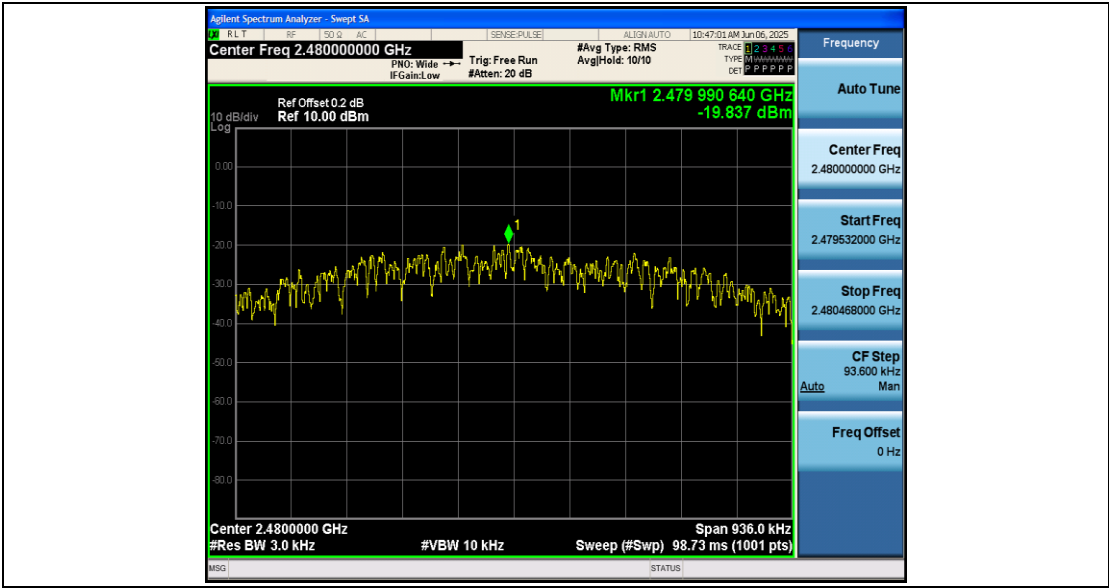
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-19.52	≤8.00	PASS
		2440	-19.63	≤8.00	PASS
		2480	-19.84	≤8.00	PASS

Test Graphs



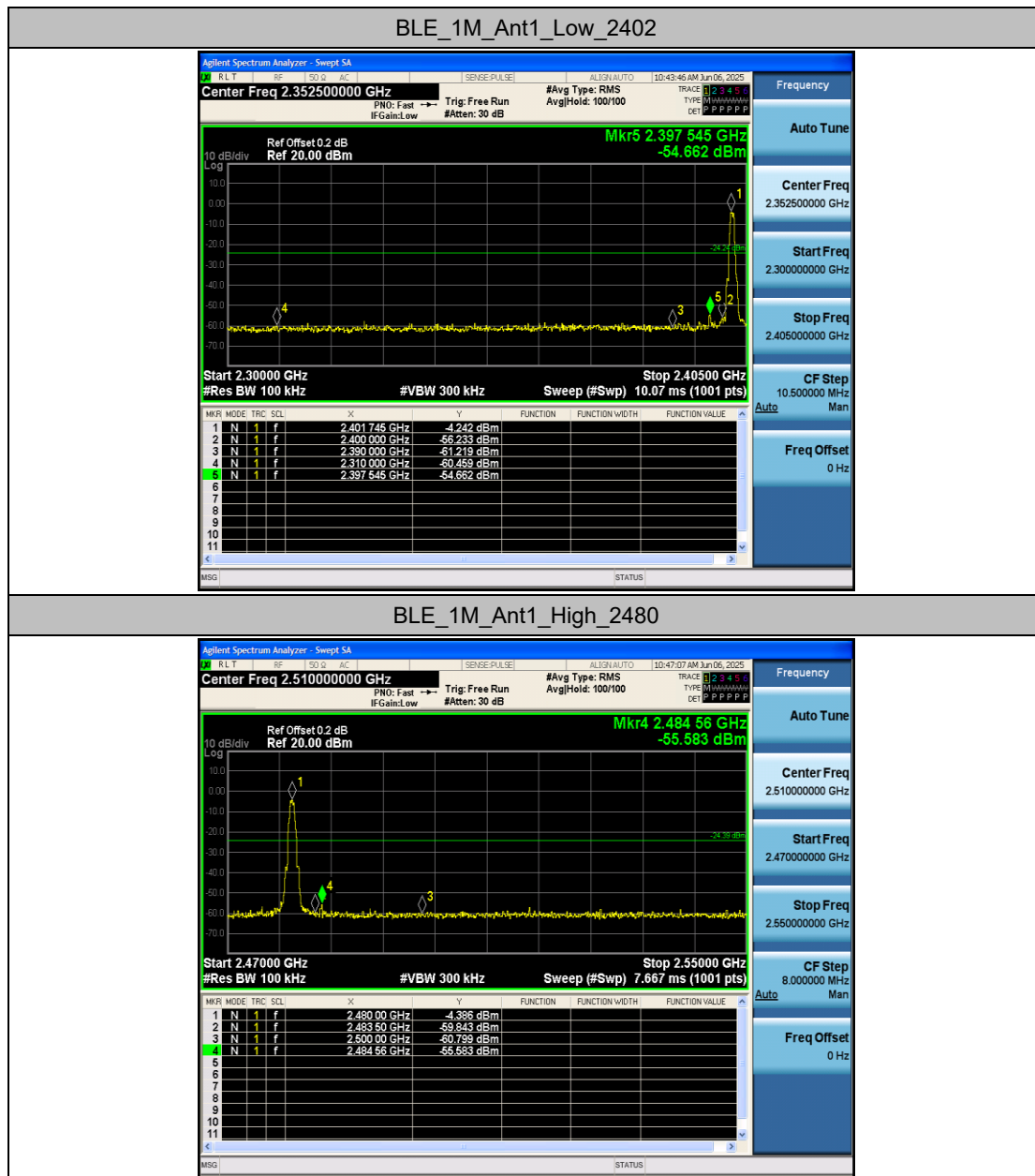


Appendix E: Band edge measurements

Test Result

TestMode	Antenna	Channel	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-4.24	-54.66	≤-24.24	PASS
		High	2480	-4.39	-55.58	≤-24.39	PASS

Test Graphs

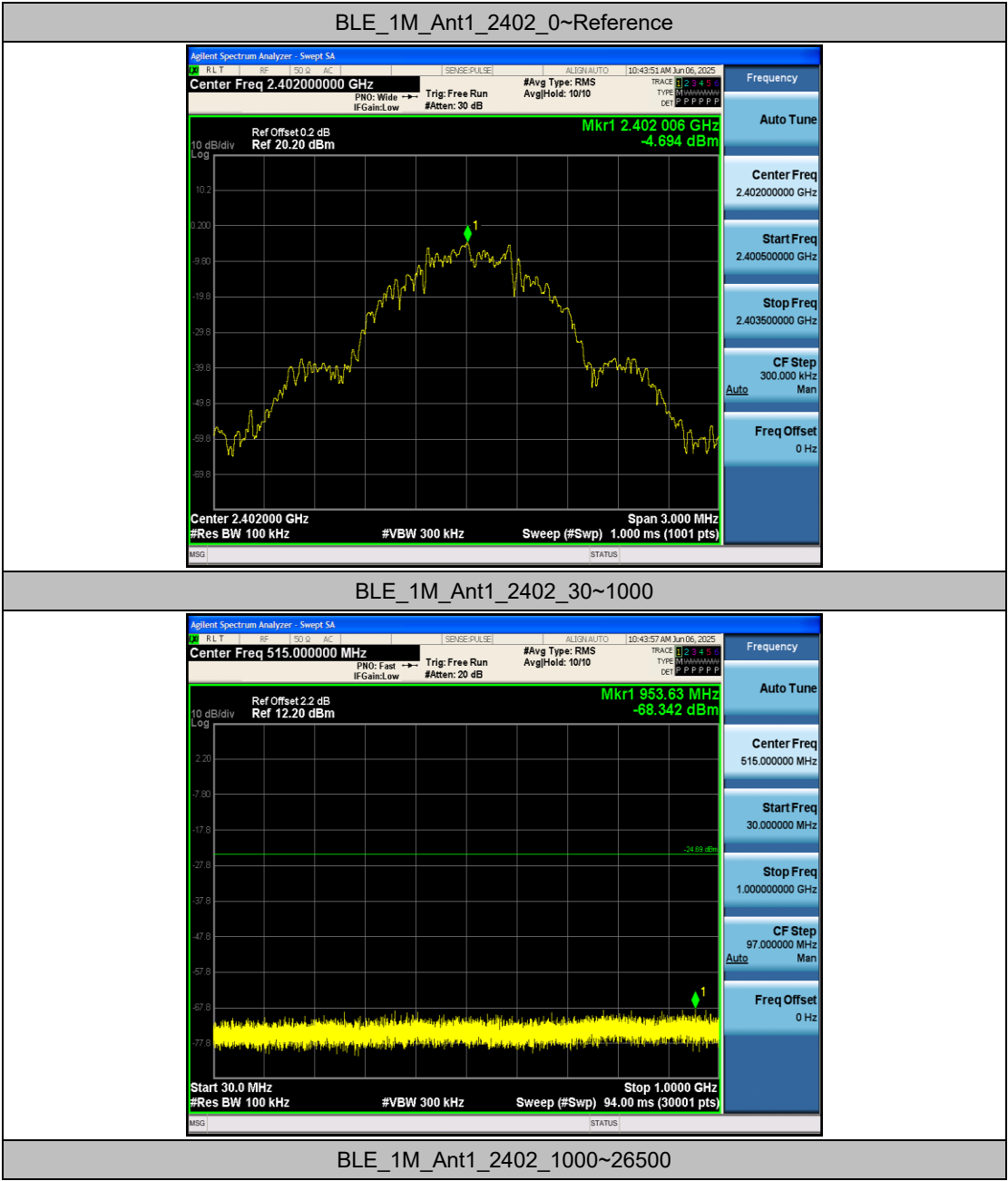


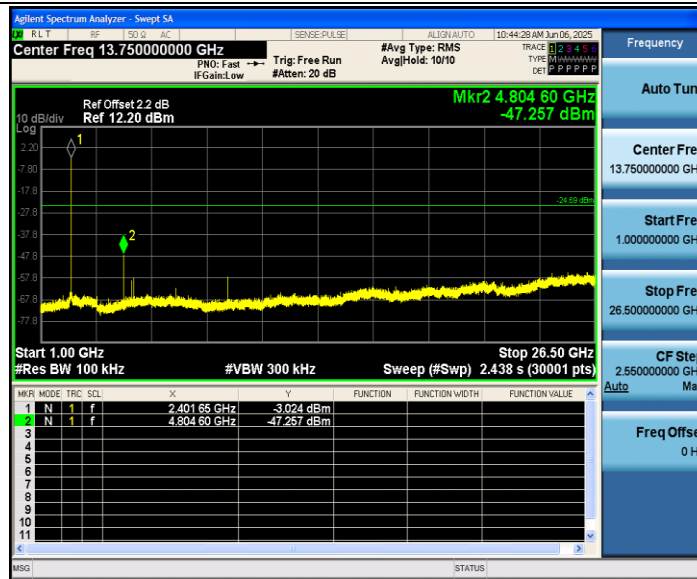
Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-4.69	-4.69	---	PASS
			30~1000	-4.69	-68.34	≤-24.69	PASS
			1000~26500	-4.69	-47.26	≤-24.69	PASS
		2440	Reference	-6.07	-6.07	---	PASS
			30~1000	-6.07	-68.47	≤-26.07	PASS
			1000~26500	-6.07	-46.99	≤-26.07	PASS
		2480	Reference	-6.14	-6.14	---	PASS
			30~1000	-6.14	-67.7	≤-26.14	PASS
			1000~26500	-6.14	-47.44	≤-26.14	PASS

Test Graphs

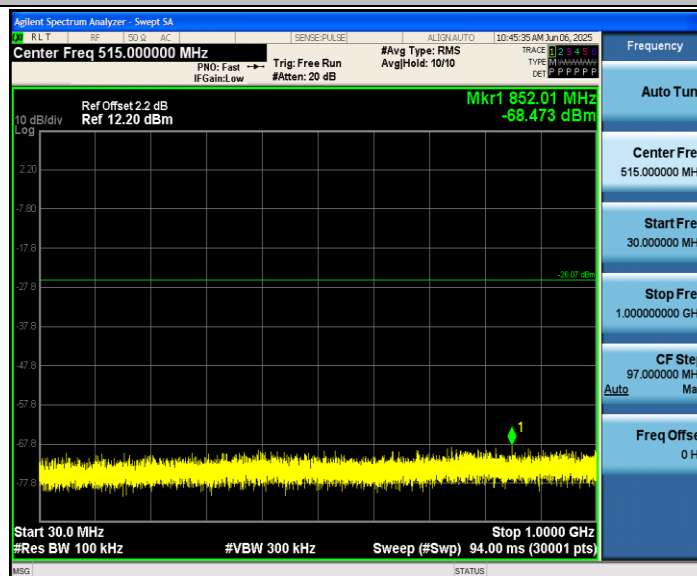




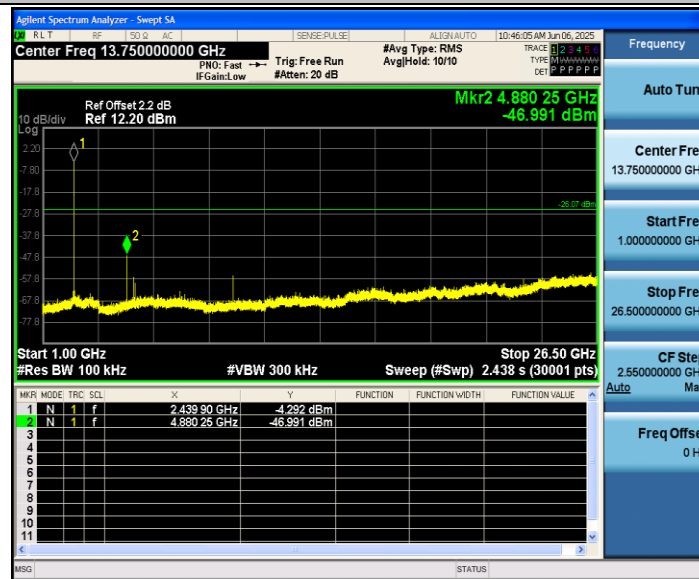
BLE_1M_Ant1_2440_0~Reference



BLE_1M_Ant1_2440_30~1000



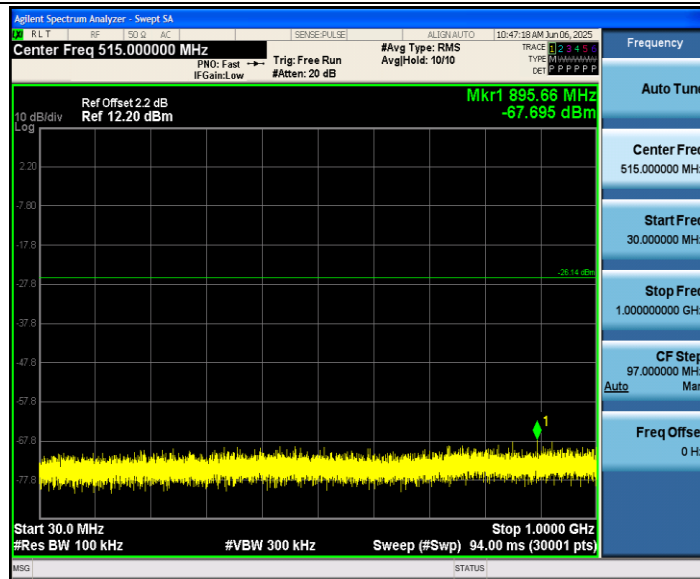
BLE_1M_Ant1_2440_1000~26500



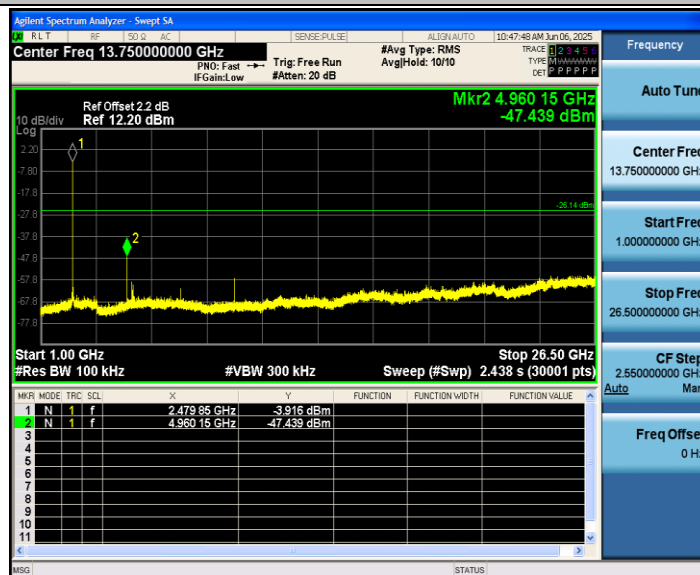
BLE_1M_Ant1_2480_0~Reference



BLE_1M_Ant1_2480_30~1000



BLE_1M_Ant1_2480_1000~26500



Appendix F: 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

