

FCC Appendix RF Test Data

FCC ID : 2BKMA-S6PRO

Company : Shenzhen G-Tide Technology Co.,Ltd.

EUT : Smart Watch

Model Number : S6 PRO

Report No. : CTA25071604301

Reviewed By : Eric Wang

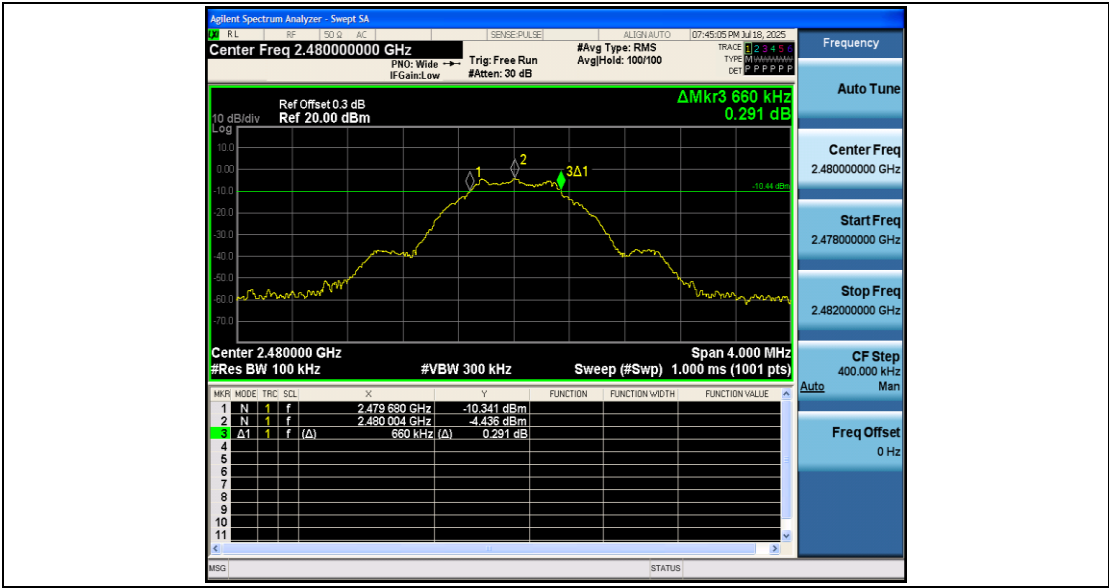
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.632	2401.696	2402.328	0.5	PASS
		2440	0.636	2439.700	2440.336	0.5	PASS
		2480	0.660	2479.680	2480.340	0.5	PASS

Test Graphs



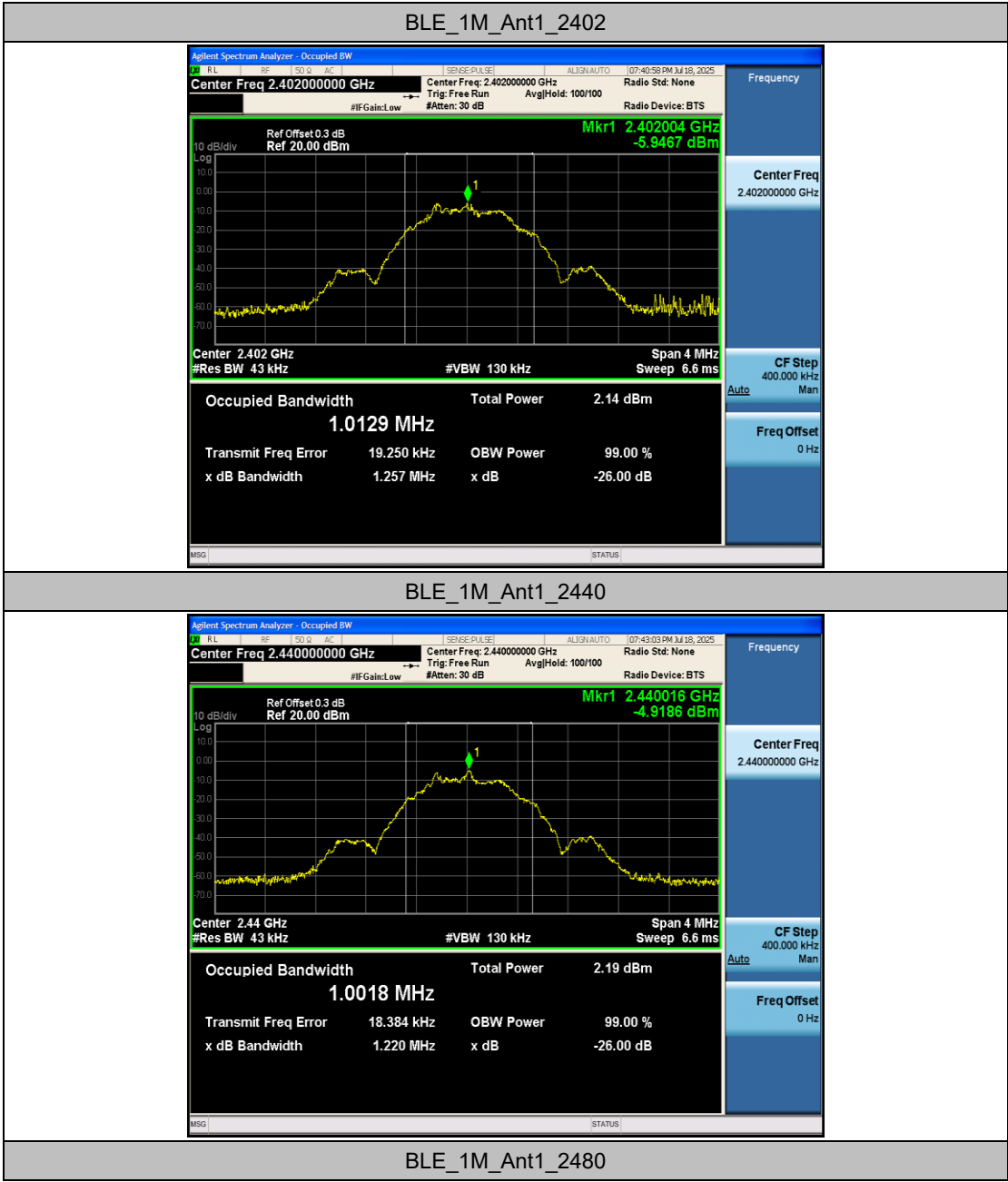


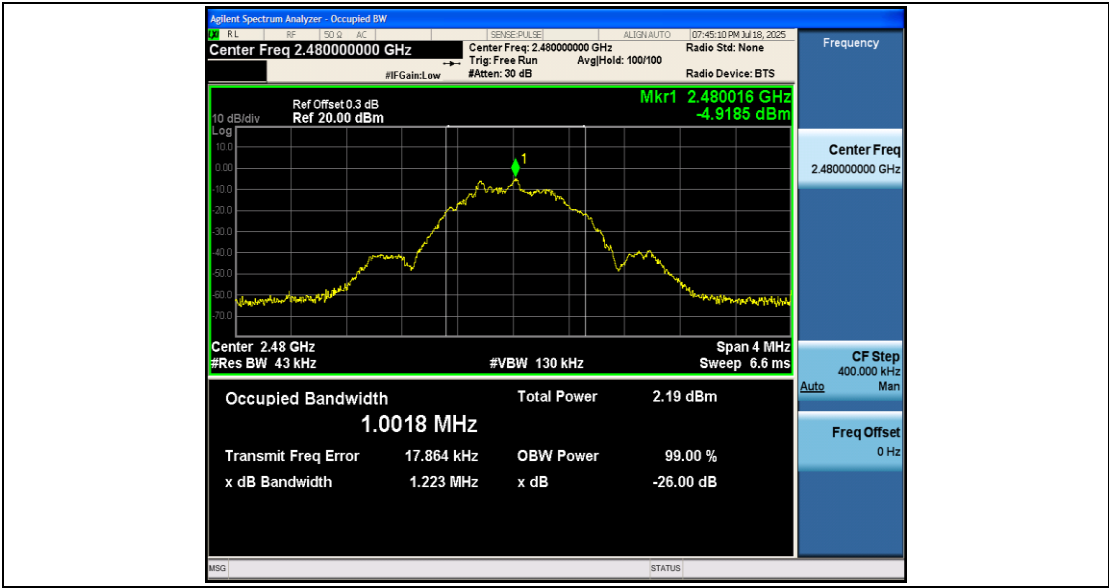
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0129	2401.5128	2402.5257	---	---
		2440	1.0018	2439.5175	2440.5193	---	---
		2480	1.0018	2479.5170	2480.5188	---	---

Test Graphs





Appendix C: Maximum conducted output power

Test Result Peak

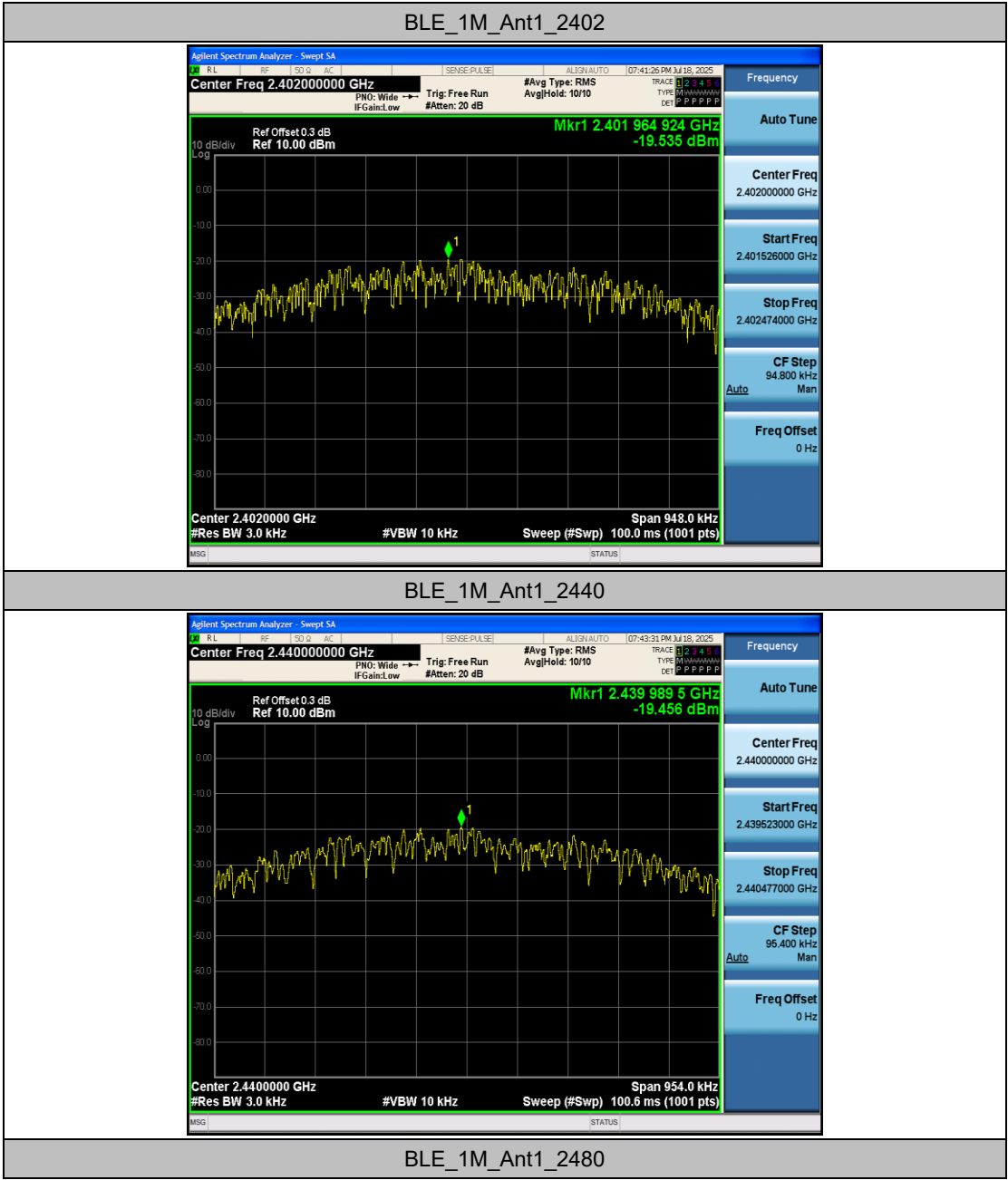
TestMode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-3.65	≤30	PASS
		2440	-3.89	≤30	PASS
		2480	-3.87	≤30	PASS

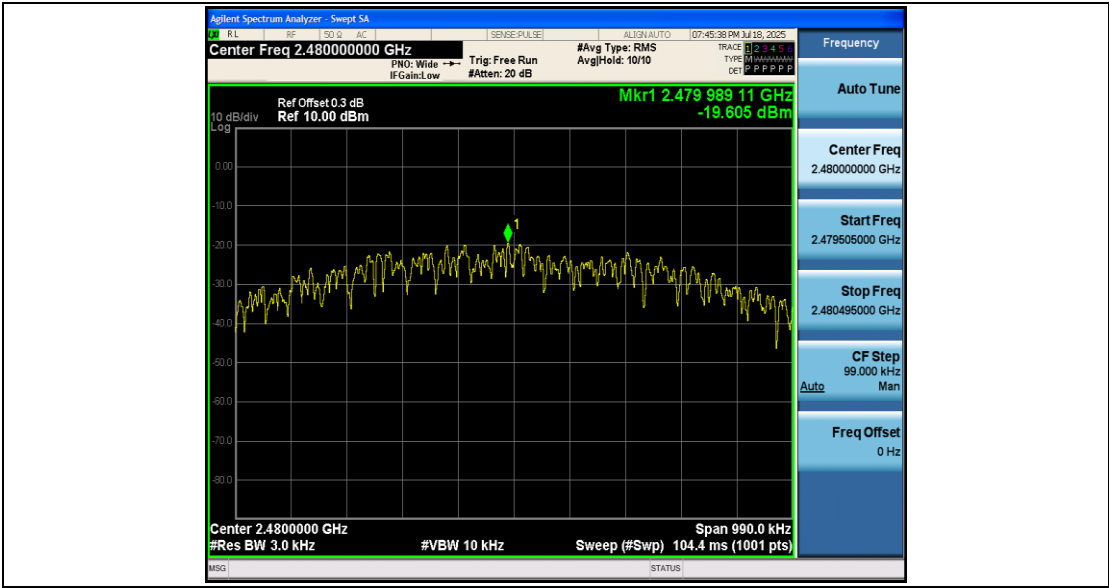
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-19.54	≤8.00	PASS
		2440	-19.46	≤8.00	PASS
		2480	-19.61	≤8.00	PASS

Test Graphs



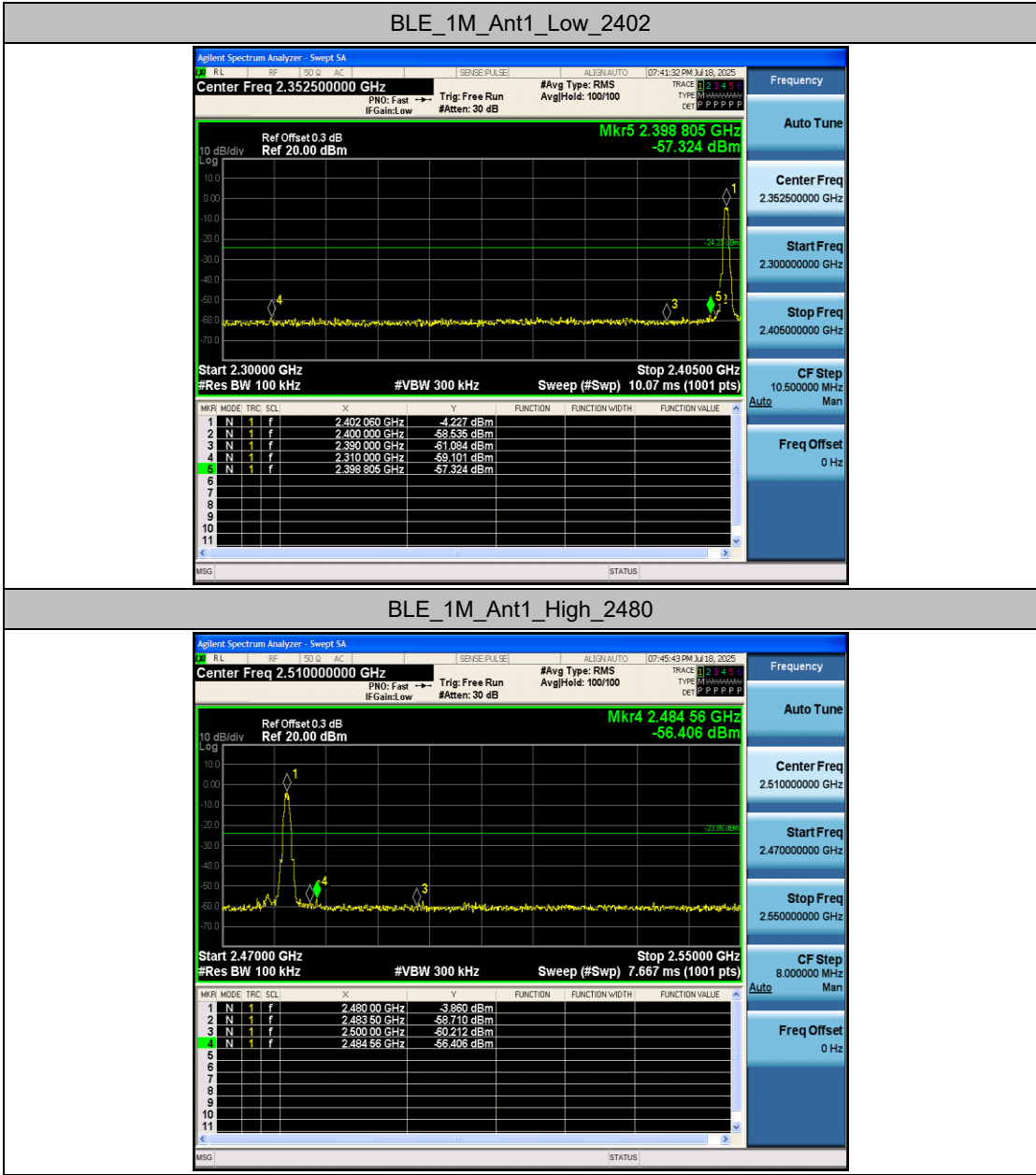


Appendix E: Band edge measurements

Test Result

TestMode	Antenna	Channel	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-4.23	-57.32	≤-24.23	PASS
		High	2480	-3.86	-56.41	≤-23.86	PASS

Test Graphs

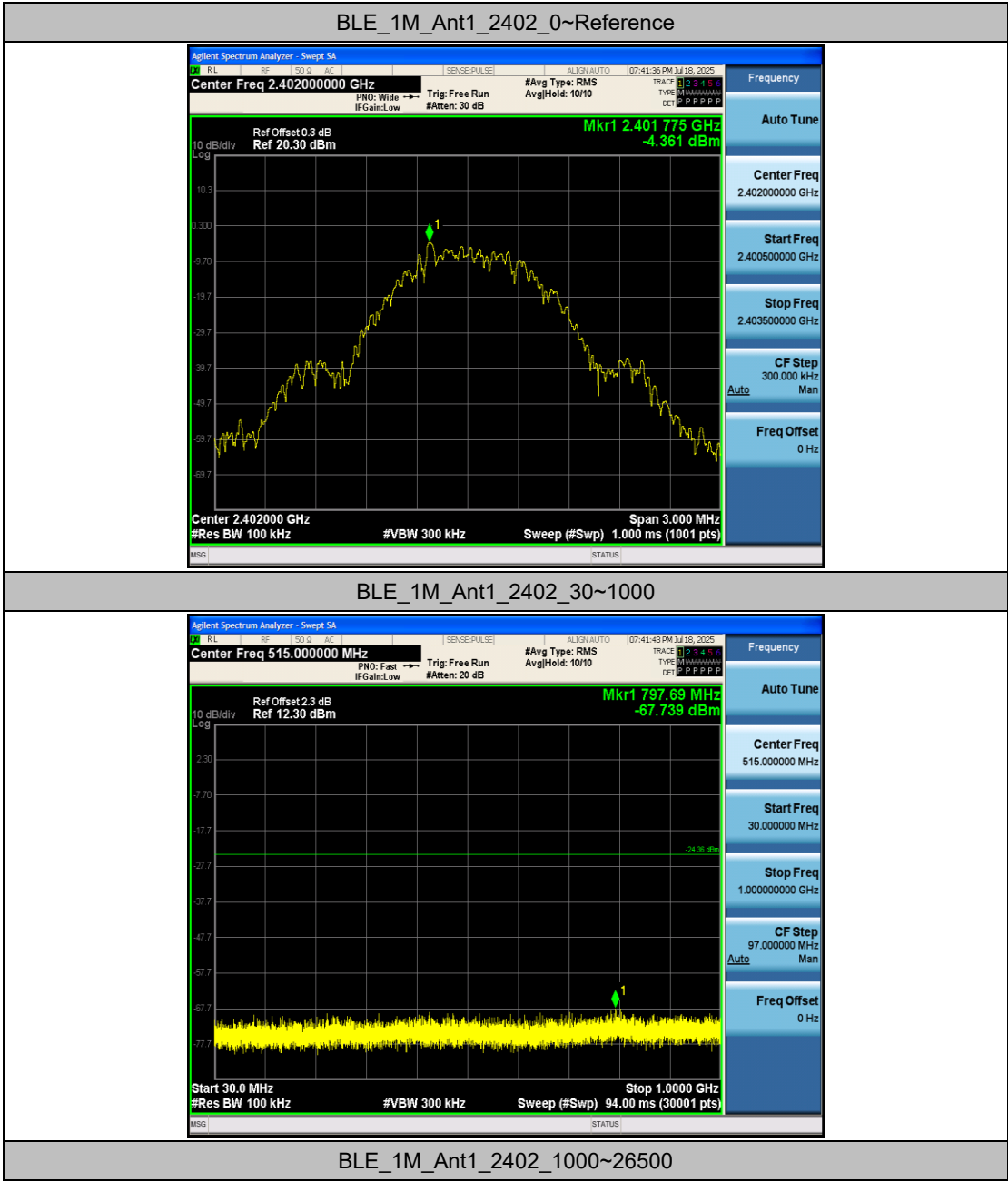


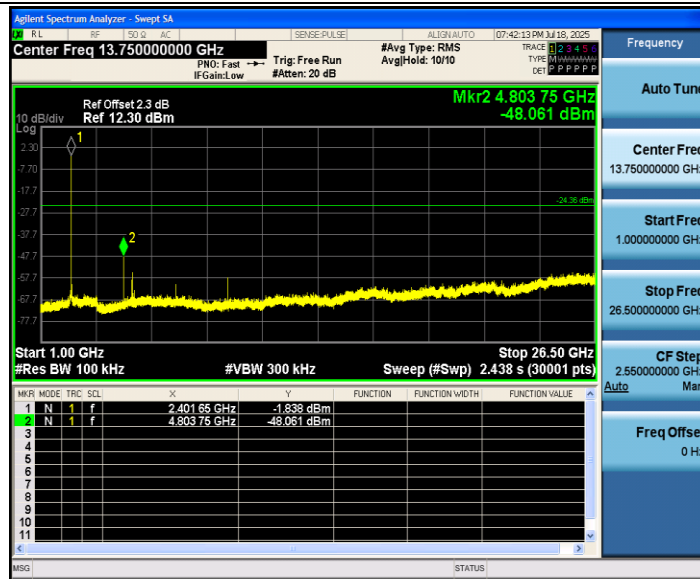
Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-4.36	-4.36	---	PASS
			30~1000	-4.36	-67.74	≤-24.36	PASS
			1000~26500	-4.36	-48.06	≤-24.36	PASS
		2440	Reference	-5.27	-5.27	---	PASS
			30~1000	-5.27	-68.02	≤-25.27	PASS
			1000~26500	-5.27	-47.75	≤-25.27	PASS
		2480	Reference	-4.06	-4.06	---	PASS
			30~1000	-4.06	-67.43	≤-24.06	PASS
			1000~26500	-4.06	-49.85	≤-24.06	PASS

Test Graphs

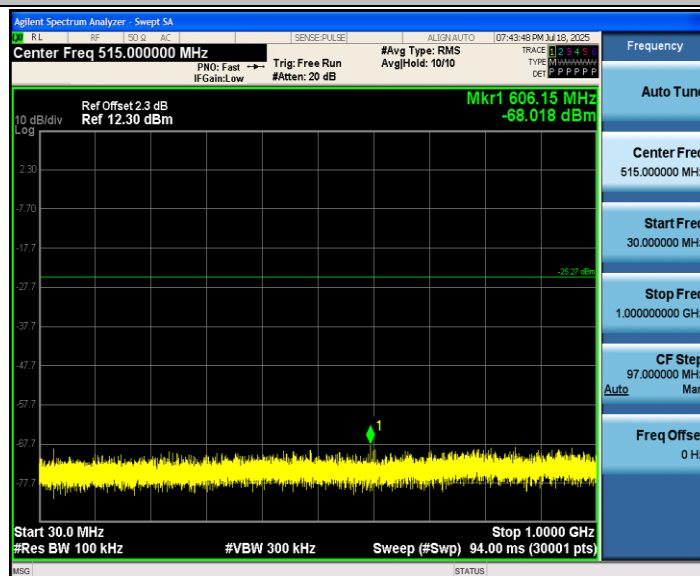




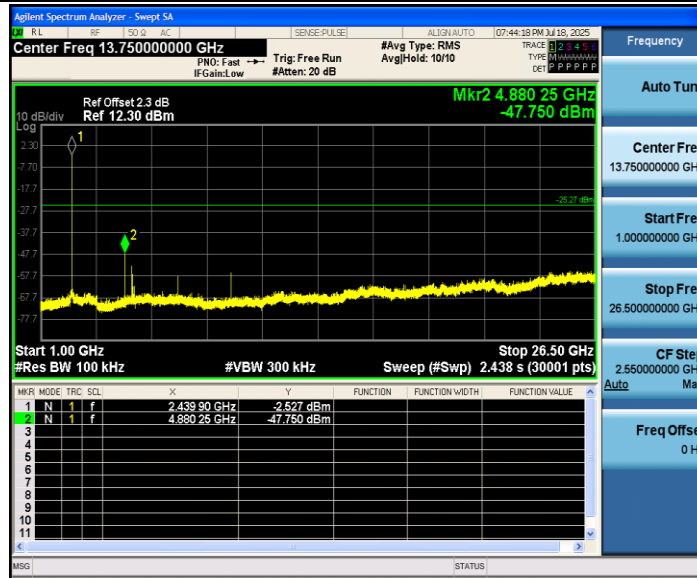
BLE_1M_Ant1_2440_0~Reference



BLE_1M_Ant1_2440_30~1000



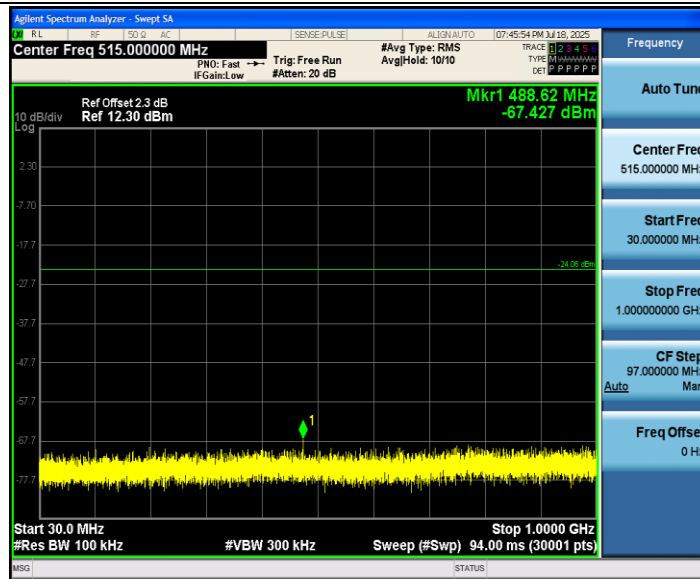
BLE_1M_Ant1_2440_1000~26500



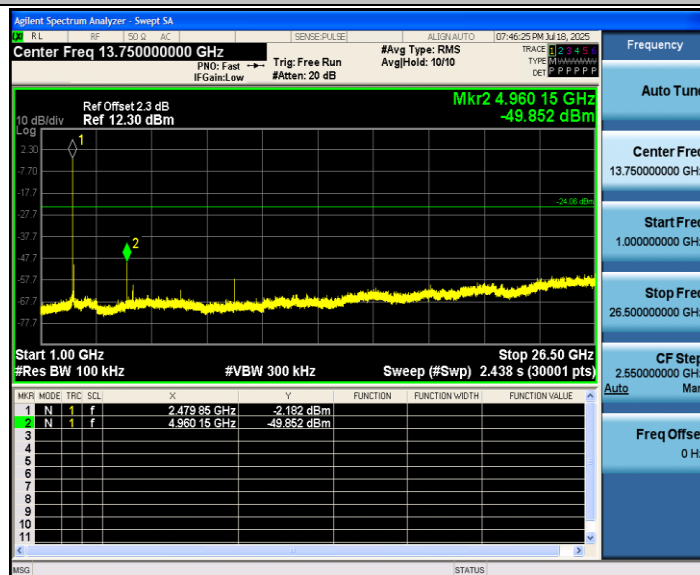
BLE_1M_Ant1_2480_0~Reference



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

