

FCC Appendix RF Test Data

FCC ID : **2A8W5S6MAX**

Company: : **BAODE INTERNATIONAL LIMITED**

EUT : **Smart Media Player**

Model Number : **SuperBOX S6MAX**

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	0.648	2401.680	2402.328	0.5	PASS
		2440	0.648	2439.688	2440.336	0.5	PASS
		2480	0.648	2479.688	2480.336	0.5	PASS

Test Graphs





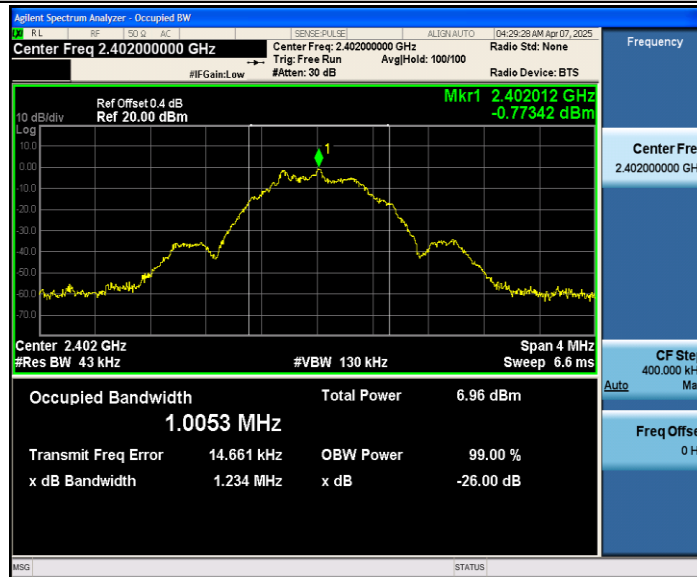
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0053	2401.5120	2402.5173	---	---
		2440	1.0061	2439.5101	2440.5162	---	---
		2480	1.0090	2479.5096	2480.5186	---	---

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	0.72	≤30	PASS
		2440	0.05	≤30	PASS
		2480	-0.21	≤30	PASS

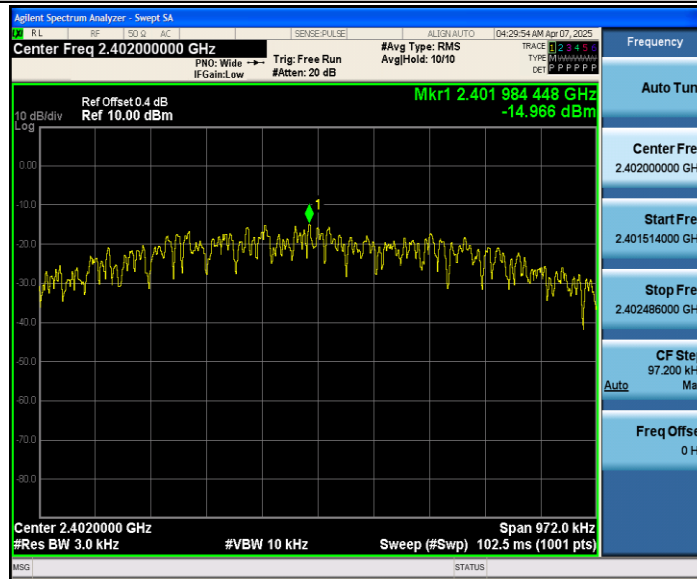
Appendix D: Maximum power spectral density

Test Result

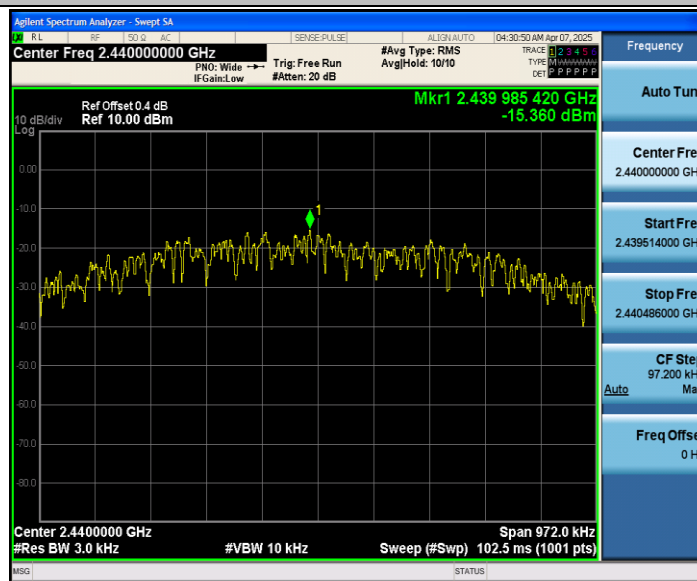
TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-14.97	≤8.00	PASS
		2440	-15.36	≤8.00	PASS
		2480	-15.65	≤8.00	PASS

Test Graphs

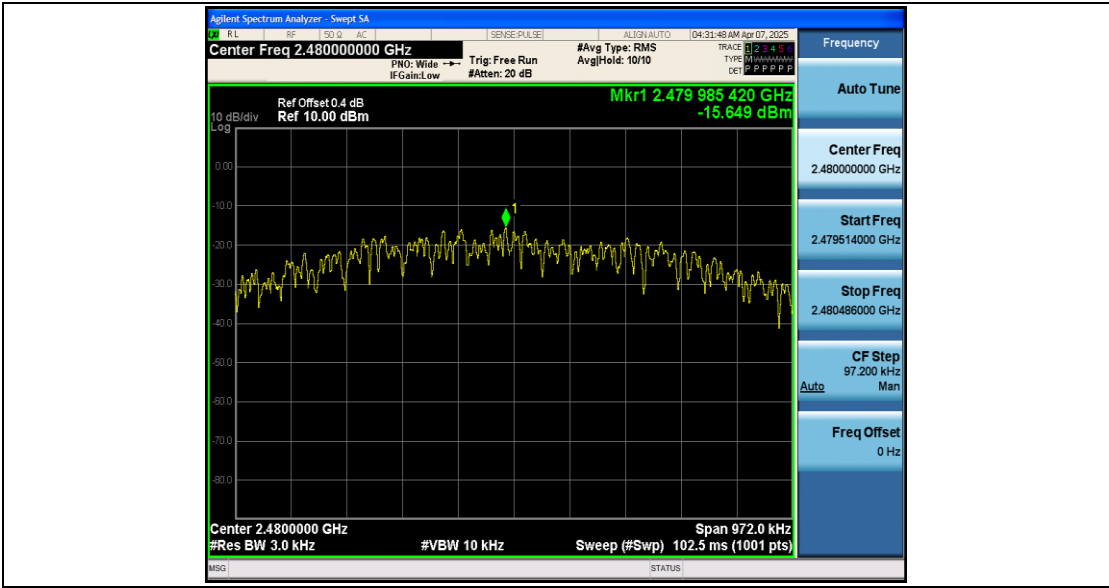
BLE_1M_Ant1_2402



BLE_1M_Ant1_2440



BLE_1M_Ant1_2480

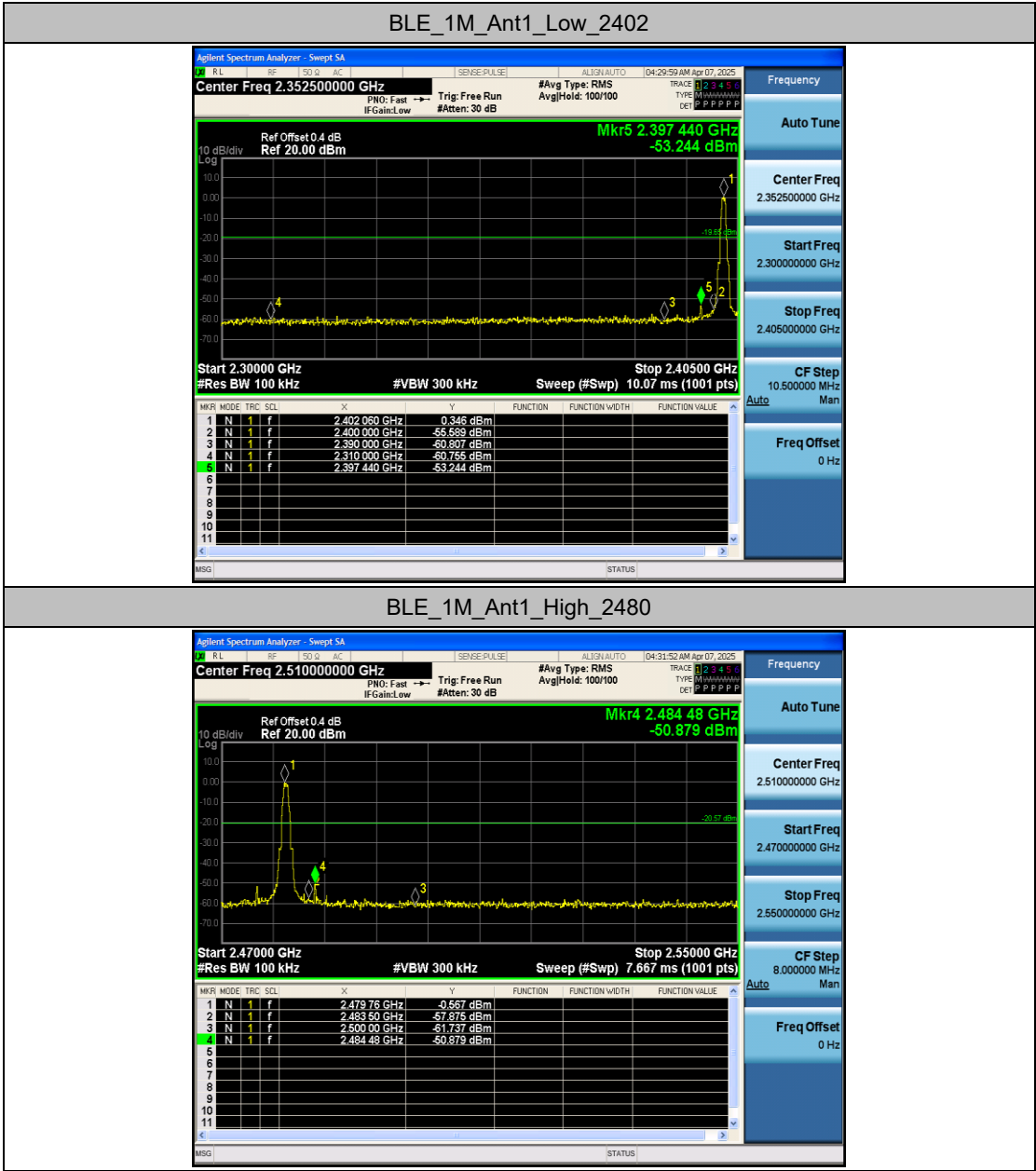


Appendix E: Band edge measurements

Test Result

TestMode	Antenna	Channel	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	0.35	-53.24	≤-19.65	PASS
		High	2480	-0.57	-50.88	≤-20.57	PASS

Test Graphs

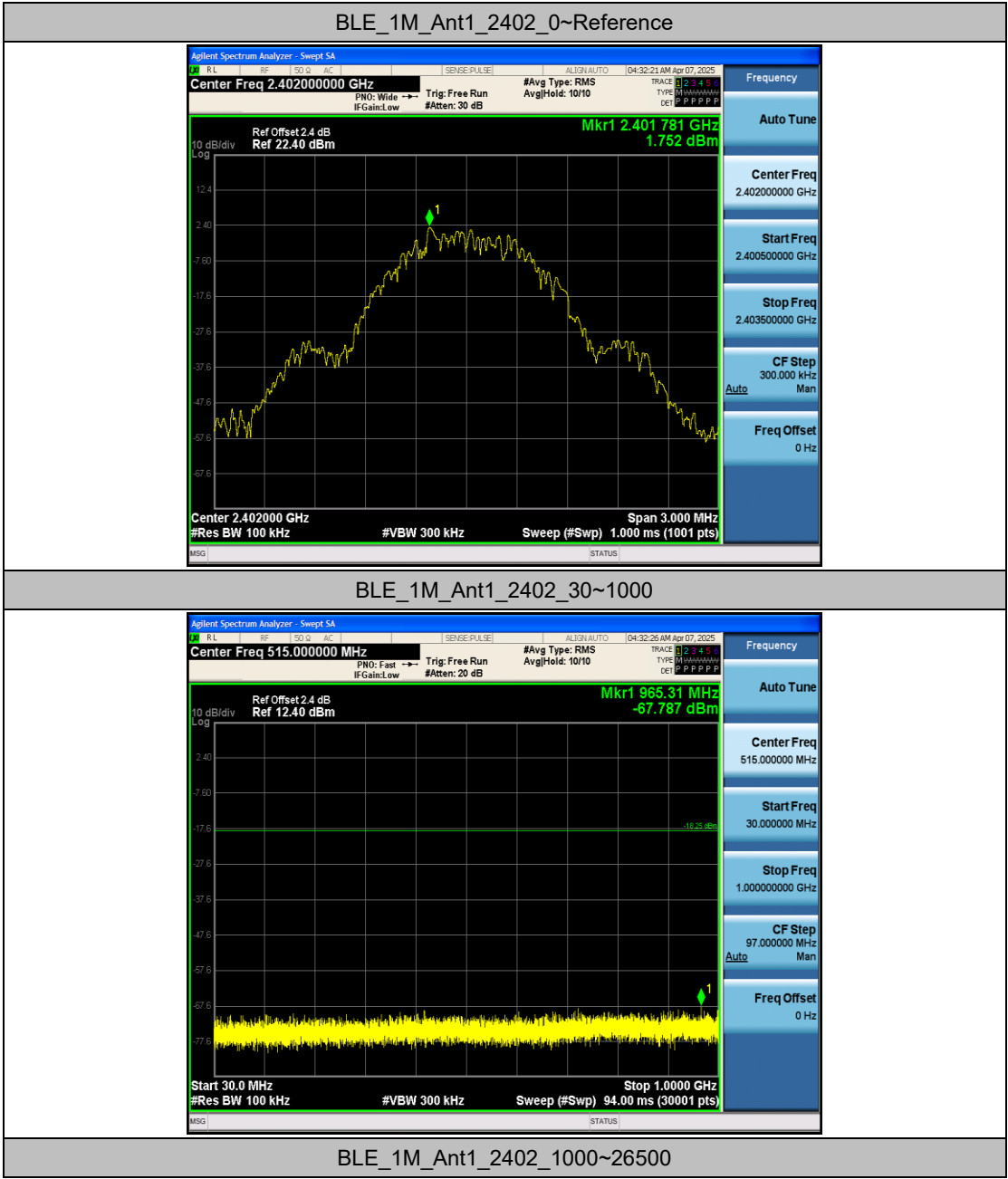


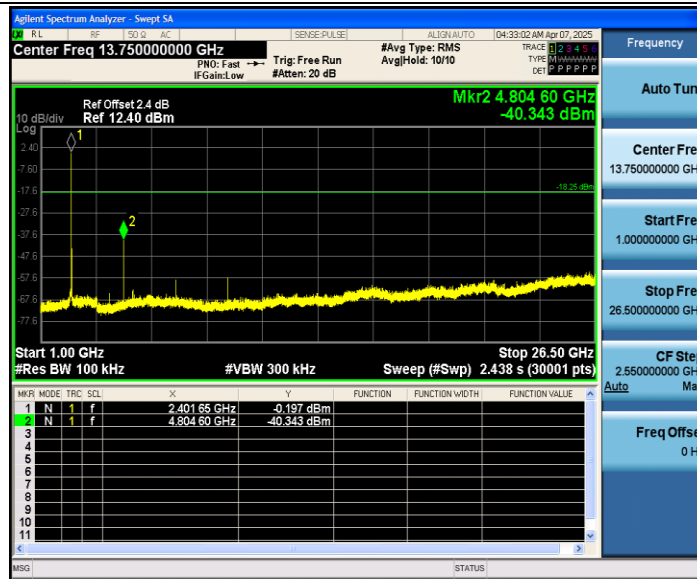
Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	1.75	1.75	---	PASS
			30~1000	1.75	-67.79	≤-18.25	PASS
			1000~26500	1.75	-40.34	≤-18.25	PASS
		2440	Reference	0.69	0.69	---	PASS
			30~1000	0.69	-68.05	≤-19.31	PASS
			1000~26500	0.69	-39.87	≤-19.31	PASS
		2480	Reference	-0.05	-0.05	---	PASS
			30~1000	-0.05	-67.88	≤-20.05	PASS
			1000~26500	-0.05	-42.06	≤-20.05	PASS

Test Graphs

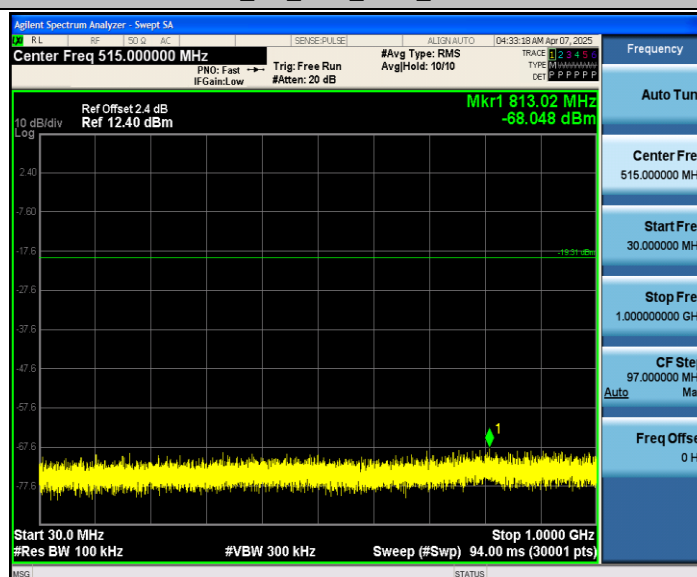




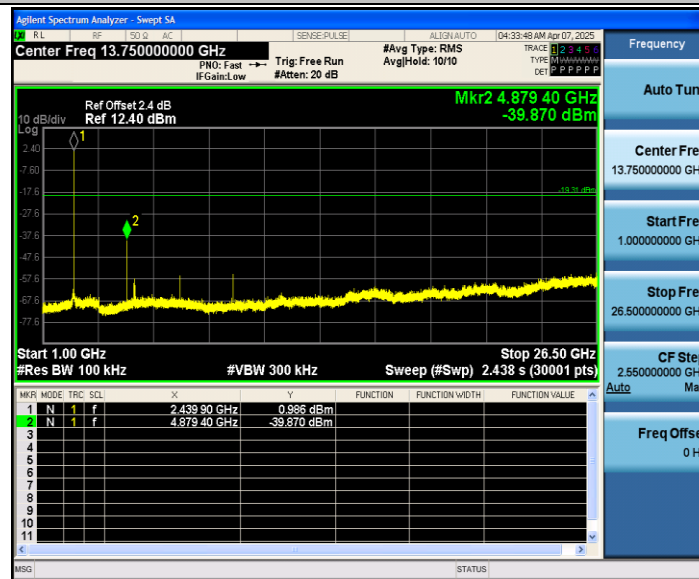
BLE_1M_Ant1_2440_0~Reference



BLE_1M_Ant1_2440_30~1000



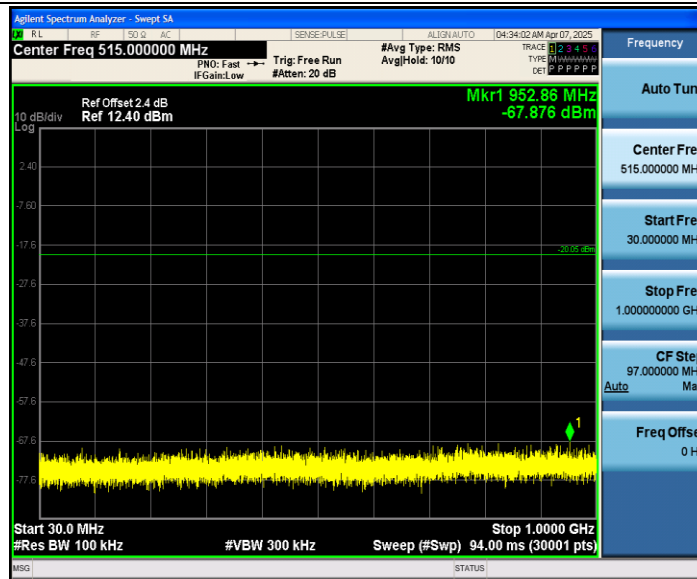
BLE_1M_Ant1_2440_1000~26500



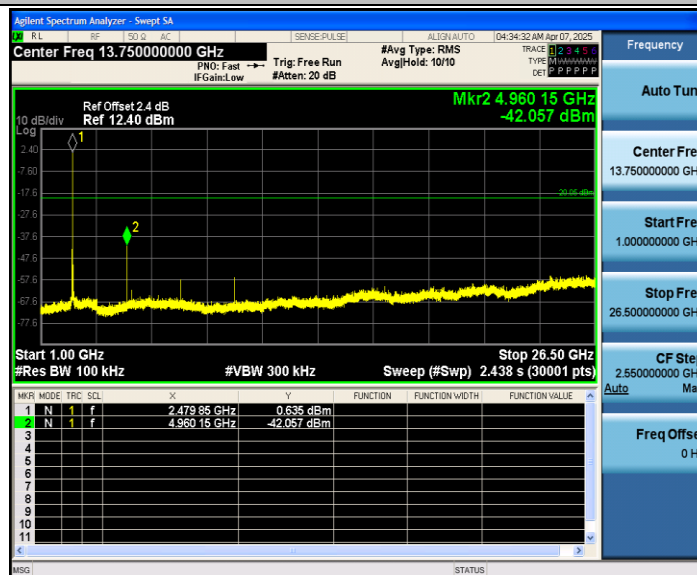
BLE_1M_Ant1_2480_0~Reference



BLE_1M_Ant1_2480_30~1000



BLE_1M_Ant1_2480_1000~26500



Appendix J: 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	0.42	0.63	0.6667	66.67	1.76	---	---
		2480	0.42	0.63	0.6667	66.67	1.76	---	---

Test Graphs

