Wagman QA Test

Pass / Fail

H/W Ver 3.1
2016/Apr/18

Board Unique ID:		Doc Rev. 0.1

S.No	Test	Output	Result	Test Result
I	Wagman Initialization			Pass / Fail
	Part I			
1	Bootloader Install	"Done Burning Bootloader"	Pass / Fail	
	Part II			
1	Pulse Debug LEDs	LEDs L1 and L pulse for 5 seconds.	Pass / Fail	
2	Unique ID		Pass / Fail	
II	Wagman RTC Timekeep			Pass / Fail
1	Wagman RTC Test		Pass / Fail	
III	Wagman Environmental Sensors Test			Pass / Fail
1	Thermistor Values	[ ] [ ] [ ] [ ] [ ]	Pass / Fail	Pass if reading one is small and reading 2-5 are Zeros.
2	HIH4030 Reading 1	Value:		Pass if Reading 2 > Reading 1
	HIH4030 Reading 2	Value:	Pass / Fail	
3	Lightsensor Reading 1	Value:		Pass if Reading 1 > Reading 2
	Lightsensor Reading 2	Value:	Pass / Fail	
4	HTU21D Reading 1	Temperature: Humidity:		Pass if both Reading 2 are greater than Reading 1
	HTU21D Reading 2	Temperature: Humidity:	Pass / Fail	
5	Relay Test			
	Click1	Heard Yes/No	Pass / Fail	Pass if click is heard
	Click2	Heard Yes/No	Pass / Fail	
	Click3	Heard Yes/No	Pass / Fail	
	Click4	Heard Yes/No	Pass / Fail	
	Click5	Heard Yes/No	Pass / Fail	
IV	C1P Boot Switch Test			Pass / Fail
1	JP9 Continuity	Do you hear beeps? Yes/No	Pass / Fail	Pass if beeping
V	XU4 Boot Switch Test			Pass / Fail
1	J4 Continuity		Pass / Fail	
	PINs 1 and 2	Do you hear beeps? Yes/No	Pass / Fail	Pass if beeping
	PINs 2 and 3	Do you hear beeps? Yes/No	Pass / Fail	Pass if beeping