

Test Writer: Daniel Frister						
Test Case Name:		Block of Code Function Scan			Test ID:	ABC-Software-02
Description:		Verify a single block receives its address and transmits its function to controller.			Type:	Black box
Tester Information:						
Name of Tester:		Daniel Frister and Greg Stromire			Date:	6/3/2015
Harware Ver:		BlockBoard v2.2			Time:	6:00 PM
Setup:		A fully populated individual Block connected to a BeagleBone Black				
	Action	Expected Result		Pass	Fail	Comments
Ste						
1	Connect 3.3Vdc to Pin 7 on bottom connector.	No result.		Pass		
2	Connect GND to Pin 7 on bottom connector.	Power LED (Red) turns on.		Pass		
3	Wait ~2 seconds.	Error LED (Yellow) blinks twice, Status LED (Green) starts blinking until power is removed.		Pass		
4	Send vector w/ BeagleBone Black	Status LED turns solid.		Pass		
5	Send ReadData command	Retuned value matches function wheel selection		Pass		

6	Repeat for TWI bounds addresses and wheel selections	Solid Status LED and matching function value	Pass			
Overall test result			Pass			