Table 1 – vLCD_ON_OFF_CURSOR_OFF_SOLID Test Plan

Test Writer:	Steven Zehner				
Test Case Name:	LCD On/Off	**Test ID #:**			On/Off Test 3
Description:	Verify operation of the vLCD_ON_OFF with the cursor off and set to solid (not blink).	**Type:**			White Box
			X		Black Box
Tester Information					
Name of Tester:		Date:			
Hardware Ver:	1.0	Time:			
Setup:	Set configCURSOR_SHOW to 0 and configCURSOR_BLINK to 0. Connect STK600 Port_K_ to the LCD board input pins. Connect and Ammeter between the supply and supply input of the LCD display. A task is created that initializes the display and puts text on both lines. The final operation of the task calls the vLCD_ON_OFF() function, delays 5 seconds, then calls it again.				
Test	**(Test Variable)**	**Expected Result**	**Pass**	**Fail**	**N/A**	**Comments**
1	Display Turns off	Display does not show any data and is in a low power state	X			
2	Display Power	Display shows less current draw when off rather than on	X			Function works as expected and passed all tests
3	Display Turns on	Display turns on and all data remains as it was when it turned off	X			
4	Cursor	Cursor is not showing	X			
5	Run time	Display turning on and off takes 39us for each operation	X			Timed at 38us
Overall Test Result:			X			Function works as expected and passed all tests