Test Writer:	Steven Zehner				
Test Case Name:	LCD On/Off	Test ID #:			On/Off Test 1
Description:	Verify operation of the vLCD_ON_OFF with the cursor on and set to blink.	Type:			White Box
				X	Black Box
Tester Information					
Name of Tester:		Date:			
Hardware Ver:	1.0	Time:			
Setup:	Set configCURSOR_SHOW and configCURSOR_BLINK to 1. 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				
2	Display Power	Display shows less current draw when off rather than on				
3	Display Turns on	Display turns on and all data remains as it was when it turned off				
4	Cursor	Cursor is showing and blinking				
5	Run time	Display turning on and off takes 39us for each operation				
Overall Test Result:						