Table 1 – vLCD\_ON\_OFF\_CURSOR\_OFF\_BLINK Logic Test Plan

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| **Test Writer:** | | Steven Zehner |  |  |  |  |
| **Test Case Name:** | | LCD On/Off Logic | **Test ID #:** |  |  | On/Off Logic Test 4 |
| **Description:** | | Verify operation of the vLCD\_ON\_OFF with the cursor off and set to blink with Logic Analyzer | **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 1. Connect STK600 Port\_K\_ to the Logic Analyzer. A task is created that 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 On | Logic Analyzer displays 0b00001101 |  |  |  |  |
| 2 | Display Turns Off | 5 Seconds Later Logic Analyzer displays 0b00001001 |  |  |  |  |
| **Overall Test Result:** | |  |  |  |  |  |