Table 1 – vLCD\_CLEAR Test Plan

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| **Test Writer:** | | Steven Zehner |  |  |  |  |
| **Test Case Name:** | | LCD Clear Display | **Test ID #:** |  |  | Clear Test 1 |
| **Description:** | | Verify operation of the vLCD\_CLEAR function | **Type:** | |  | White Box |
| **X** | Black Box |
| **Tester Information** | |  |  |  |  |  |
| **Name of Tester:** | |  | Date: |  |  |  |
| **Hardware Ver:** | | 1.0 | Time: |  |  |  |
| **Setup:** | Connect STK600 Port\_K\_ to the LCD board input pins. A task is created that initializes the display and puts text on both lines. The final operation of the task is the vLCD\_CLEAR() function. | | | | | |
| **Test** | **(Test Variable)** | **Expected Result** | **Pass** | **Fail** | **N/A** | **Comments** |
| 1 | Clear | Display is cleared of all text |  |  |  |  |
| 2 | Returns Home | Cursor returns to the home position (Top Left of Display) |  |  |  |  |
| 3 | Run time | LCD clears 1.53ms after function is called. |  |  |  |  |
| **Overall Test Result:** | |  |  |  |  |  |