Table 1 – vLCD\_CLEAR\_TOP Test Plan

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| **Test Writer:** | | Steven Zehner |  |  |  |  |
| **Test Case Name:** | | LCD Clear Top | **Test ID #:** |  |  | Clear Top Test 1 |
| **Description:** | | Verify operation of the vLCD\_CLEAR\_TOP 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\_TOP() function. | | | | | |
| **Test** | **(Test Variable)** | **Expected Result** | **Pass** | **Fail** | **N/A** | **Comments** |
| 1 | Clear Top | Top row of display is cleared of text |  |  |  |  |
| 2 | Bottom Text Remains | The bottom row’s text remains as-is |  |  |  |  |
| 3 | Returns to Top’s Home | Cursor returns to first position on the top row |  |  |  |  |
| 4 | Run time | Top row clears 5.03ms after function is called. |  |  |  |  |
| **Overall Test Result:** | |  |  |  |  |  |