

Table 1 – vLCD\_CLEAR Test Plan

<b>Test Writer:</b>		Steven Zehner				
<b>Test Case Name:</b>		LCD Clear Display	<b>Test ID #:</b>			Clear Test 1
<b>Description:</b>		Verify operation of the vLCD_CLEAR function	<b>Type:</b>			White Box
					X	Black Box
<b>Tester Information</b>						
<b>Name of Tester:</b>			Date:			
<b>Hardware Ver:</b>		1.0	Time:			
<b>Setup:</b>	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.					
<b>Test</b>	<b>(Test Variable)</b>	<b>Expected Result</b>	<b>Pass</b>	<b>Fail</b>	<b>N/A</b>	<b>Comments</b>
1	Clear	Display is cleared of all text	X			
2	Returns Home	Cursor returns to the home position (Top Left of Display)	X			
3	Run time	LCD clears 1.53ms after function is called.	X			Timed at 1.2ms
<b>Overall Test Result:</b>			X			Function tested as expected, all results are a pass.