

User Story / Requirement ID	User Story/Requirement Under Test	
01	Serial Communication Verification	
<i>Is it valid?</i>		
yes		
<i>If not valid, what is the new/Extra information from Marketing/Product Owner?</i>		
Test Case ID	Test Case Name	
01	Correct sending and receiving of messages	
Preconditions	Open Serial Terminal in Computer Circuit Connected Appropriately Serial Communication Module Connected Program Compiled and Debugged	
Inputs	Keyboard to Serial Terminal Oscilloscope Serial Communications Module	
Test Case Steps		
Step Number	Step description	Expected Result
1	Write a single Character in terminal 10 times	Character should be sent and received in the microcontroler. Oscilloscope should write signal as expected 10 times.
2	Write a character string or array	Each character should be received by the microcontroller and processed accordingly
3	Write and send a command	The command should be executed.
Estimated Time	3 hours	