Test Writer	Sabin Maharjan		
Test Case Name	Barometer / Altitude test	Test ID	1
Description		Type:	
Name of the Tester	Sabin Maharjan	Date	May 15, 2016
Hardware Version	N/A	Time	8:33 PM
Required	- Drone - Intel Edison with breakout board - GPIO Board attached to Intel Edison - MWC Flip 1.5 Flight Controller - WIFI with SSH connection with Edison - 2x Mini USB –type B connector - 4 female-female pin connector		
Setup	Connect Mini USB to Console port of the Intel Edison. Connect 4 female-female pin connector from serial port (Tx, Rx, Gnd, 5v) of the Flip 1.5 Flight Controller to GPIO Board's Serial Pin heads (Rx, Tx, Gnd, 5v). The blue light on Edison should be on. Red light on Flip 1.5 Controller should be on. Login to Edison using root. Change directory to "Drone/src ". Type "make all". The following actions are done under this directory. **The Drone battery is not connected for this test.**		

Step	Action	Command	Expected Result (cm)	P/F	Comment
1	Hold drone at ½ meters	./drone alt	Est alitidue:		
2	Hold drone at 1 meters	./drone alt	Est alitidue:		
3	Hold drone at ½ meters	./drone alt	Est alitidue:		
4	Hold drone at 1 meters	./drone alt	Est alitidue:		