Software test for Wheel

# Wheel complex

|  |  |  |
| --- | --- | --- |
| Any axis don’t respond FSI | All axes stop |  |
|  | Message sent to host |  |
|  | Host sets robot to fatal with appropriate error code |  |
| STO event | Axis produces stop on ADC reading, before actual hardware stop |  |
|  | STO SW events recovers only enough time after resetting |  |
| Exception | Only reset after an explicit exception reset |  |
|  | DO NOT ALLOW INCORRECT SW loading! |  |

# Neck servo

|  |  |  |
| --- | --- | --- |
| STO event | Axis produces stop on ADC reading, before actual hardware stop |  |
|  | STO SW events recovers only enough time after resetting |  |
| Exception | Only reset after an explicit exception reset |  |