




Operating Sequence

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 Tags	

- Preparation:
 1. Turn on all the host PC & Start the CCS
 2. Turn on the DC power supply for MCUs & Turn on DC power supply for sensor board
 3. Finish debug session settings in CCS & Load the firmware to the MCUs
 4. Turn on all the load DC power supplies
 5. Turn on all the current probes & Turn on the oscilloscope
- Testing / Demonstration
 1. Turn on the main power & main DC power supply
 2. Check the protection settings in the main DC power supply
 3. Connect monitor PC to the cDAQ and start the monitoring program
 4. Start the debug session for each motor drive unit
 5. Turn on the main DC power supply
 6. Start each motor drive units
 7. Add load to the operating point
 8. Wait to reach steady state
 9. Test the attack cases
- Shutting Down Sequence
 1. Remove the mechanical loads
 2. Hard-stop the motor drive units

3. Turn off the main DC power supply
4. Reset the systems