**Team B: PCB Power Distribution Board Analysis**

**1. State the efficiency of each of your regulators. For linear regulators, it is simply [1 – ((Vin - Vout)/(Vin))]. Switching regulators will state a nominal efficiency in their datasheets.**

3.3V Linear Regulator:

5V Linear Regulator:

12V Linear Regulator:

**2. State the input power used for each subsystem at maximum rated output.**

3.3V Sub-System Output Power:

5V Sub-System Output Power:

12V Sub-System Output Power:

Motor Sub-System Output Power:

3.3V Sub-System Input Power:

5V Sub-System Input Power:

12V Sub-System Input Power:

Motor Sub-System Input Power:

**3. State the total system efficiency at maximum rated output.**

Total System Efficiency: