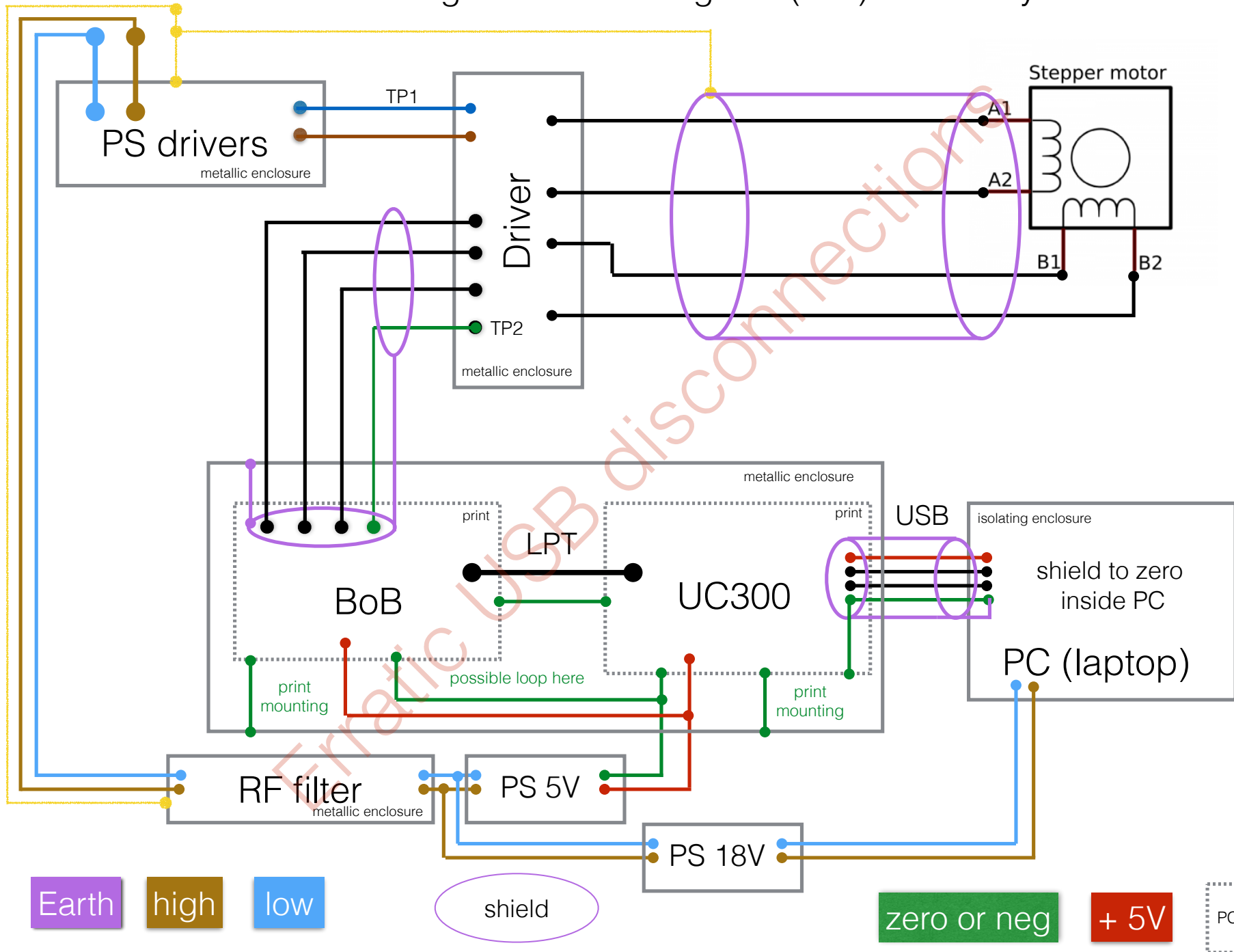


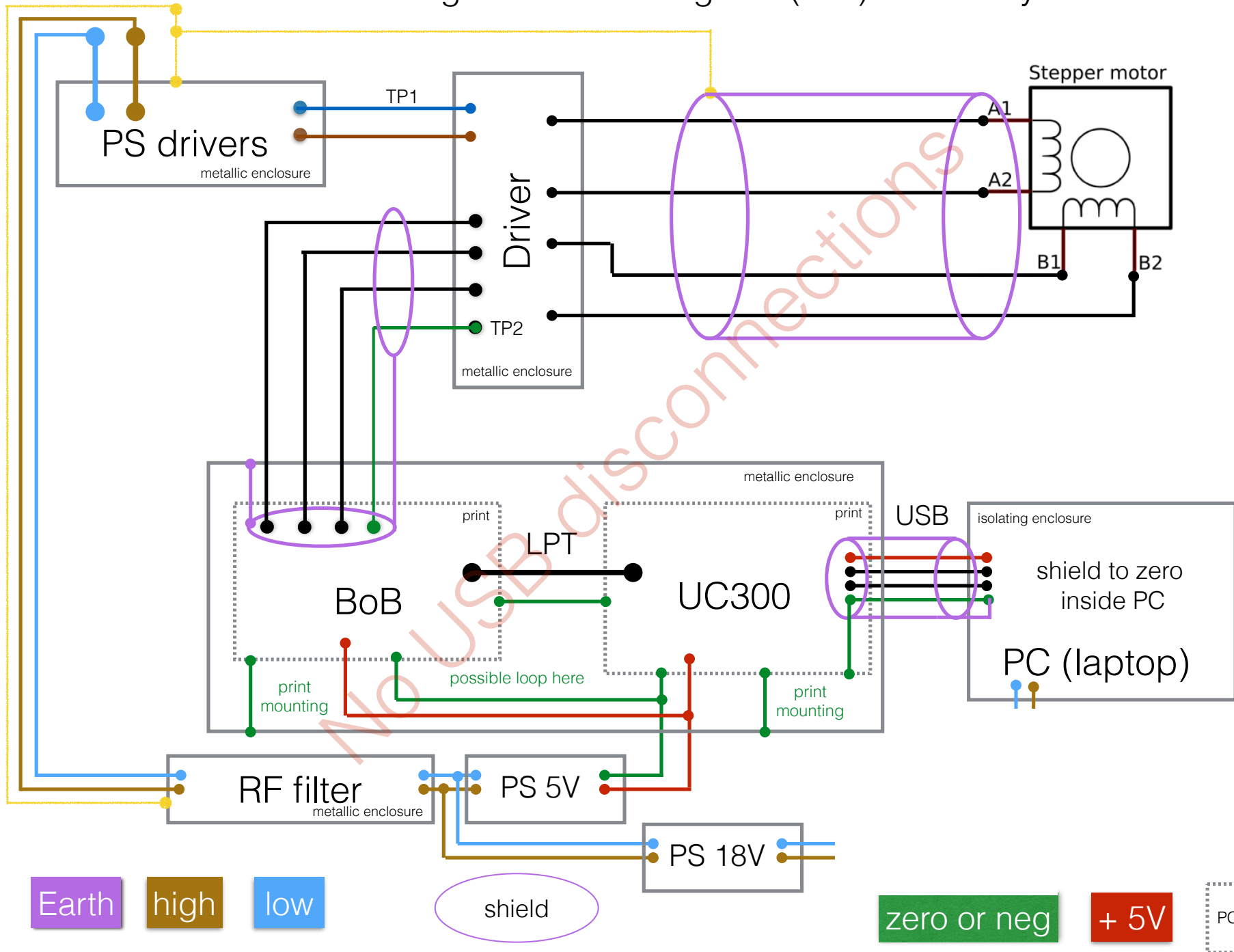
mains 220 ac

3 axis magnetometer wiring of 1 (of 4) motor only



mains 220 ac

3 axis magnetometer wiring of 1 (of 4) motor only



Powering the laptop and erratic USB connection

| 220 V + RF filter | Earth through filter | Resistance (TP1 - TP2) | V(TP1 to Gnd) | V(TP2 to TP1) | V(TP2 to Gnd) | status USB - Mach3 |
|----------------------|----------------------------|---------------------------|----------------|----------------|----------------|--|
| yes | yes | > 200 Mohms | 3 V ac | 1.9 V ac | 1.1 V ac | Mach 3 does not connect to USB |
| yes | no | > 200 Mohms | 3V ac | 62 V ac | 65 V ac | Mach 3 works with erratic connection losses |
| PC on battery | | > 200 Mohms | 3V ac | 62 V ac | 65 V ac | Mach 3 works ! |
| | | | | | | |