

Testing (US System)

Voltage Assessment

| Location | Target Reading(?) | My Board | Comments |
|-------------|-------------------|---------------|--|
| Z1 Diode | 120VAC | ? / 120.9 VAC | TP1 This comes straight from the AC Line |
| TH3 | 120VAC | ? / 120.9 VAC | TP2 Thermistor on backside of the Isolation TF |
| D6 | 165VDC (?) | ? / 166 VDC | |
| Big Cap C58 | | | This filters the High voltage from the Bridge. C58+ (square) to TFPin2 |
| PDC D12 | | | Control the voltage from the ACDC bridge |
| PDC DIAC | | | Set the voltage to the Fet Gate circuits |
| PDC Pin5 | +15VDC | + | +/-15V to Pin1 on the PDC. Voltage set by the Zeners. This feeds the MOSFet gates to put alternating wave on transformer L2 |
| PDC Pin8 | -15VDC | - | |
| | | | |
| BASH Pin5 | 12VDC | | Pin5 (Vcc) to Pin11 (GnD) (The BASH has full 90V Rail so be careful). If 12V the surrounding circuits are working since this is the power pin. |
| C31 | 90~97V | | Large filter cap |
| U4 & U5 | 25~28.6VDC | | Across the heatsinks. These set the +/- ~15VDC If you don't have this the PDC is not working. (Chk DIAC) |
| U4 & U5 | ~35V | | Check the vRegs in &out. Input (Pin()) should be ~35V |
| R70 & R71 | ~5VDC | | 2x 150ohm resistors feeding the Pre-Amp circuit. (Bash Board is good). At idle should have 5V w/Vol at 0. If voltage is <1V BASH not working |
| | | | |
| Spkr Term | | | |