

GULLY

3rd Iteration
JAN 2020

Start Up Protocol: ~~Check Limiter bulb.~~

With Variac up to ~~65 vac~~
120vac

Rectifier Plates: 315 / 312

Filaments:

Node A: 349

Node B: 346

Node C: 301

Node D: 289

Power Tube Plates: A: 340 B: 302 C: D:

Inverter Plates: Pin 1: 204 Pin 6: 185

Preamp Plates: V1: ① 166 V2: ~~166~~ V3:

With Variac at 120vac ~~no limiter bulb~~

⑥ 167

Test: Rectifier Plates: 314 / 316

Filaments: 6.42 vac E281 Rec

Node A: 351

Node B: 349

Node C: 308

Node D: 299

Power Tube Plates: A: 341 B: 343 C: D:

Inverter Plates: Pin 1: 211 Pin 6: 193

Preamp Plates: V1: 109.6 V2: ~~109.6~~ V3:

Final
Jan 29, 2020

Power Tube Dissipation:

Cath. Res. ~~per tube~~: 198.5 Ω

V-drop: 13.3

Plate Voltage: 350

Adjusted Plate Voltage: 336.9

$V_{drop} = R_k$
 $= 0.067$
|
Plate
Current

Plate Current: 0.067

of tubes: 2. $0.067 \div 2 = 0.0335$ per tube

$336.9 \times 0.0335 = 11.28$ plate diss.