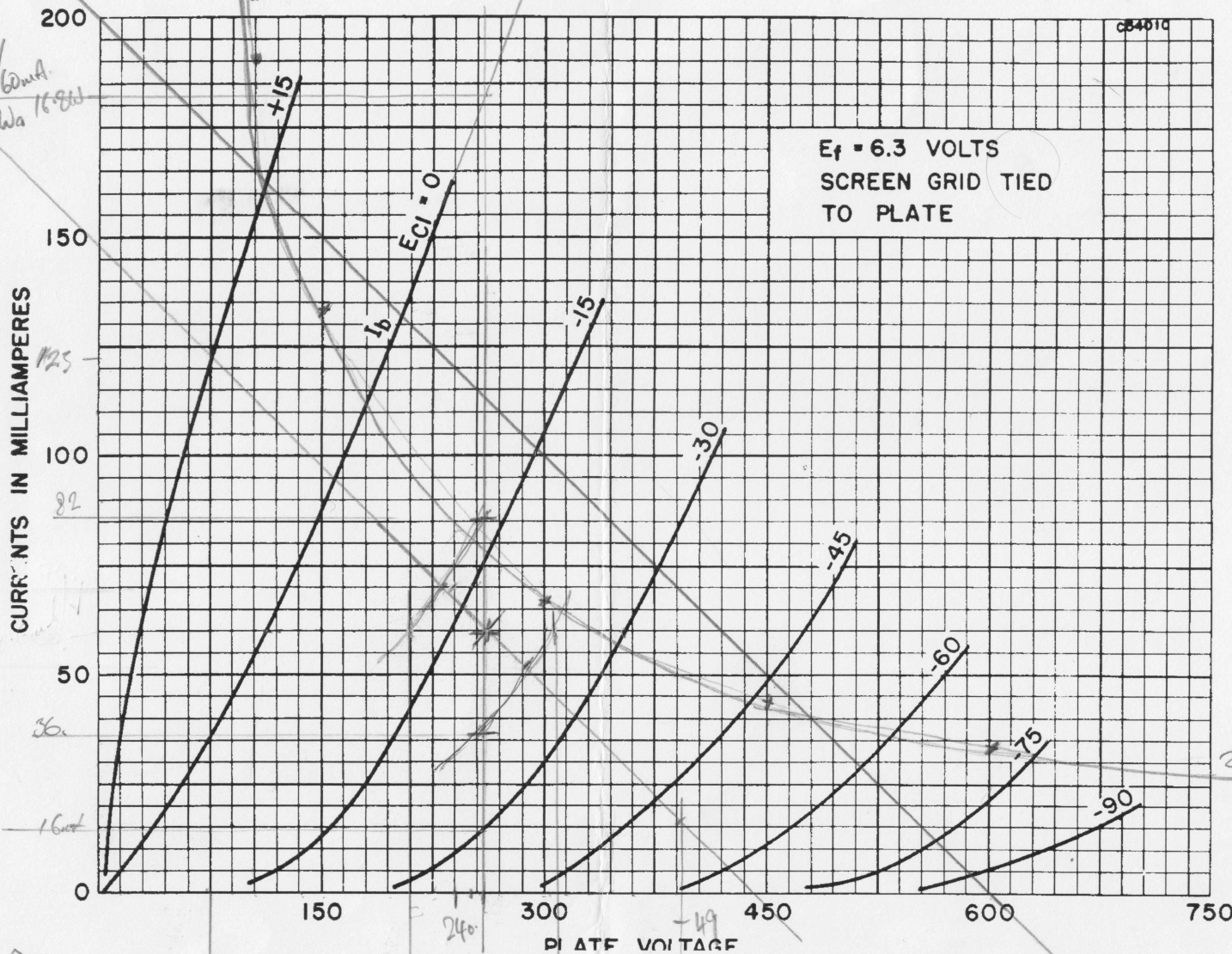


5732/666

AVERAGE PLATE CHARACTERISTICS
TRIODE CONNECTED



184 260V/60mA
Wa 16.8W
2-17V
1873 3000Ω pri
CR pri
= 286Ω

Drop @ 60 mA
≈ 17.16V

Pot max @ 60mA

$\Delta V_g = 30V$
 $\Delta V_A = (355 - 112)$

$\mu = 8.1$
 $\mu_{eff} = \frac{(82-36)}{10} \frac{V_A}{V_g}$
 $R_{eq} = \frac{2.1}{0.0006} = 1760 \Omega$
 $\approx 4.6 mA/V$

20W B

on that slope
15V = 20.5mm
So 1 = 1.63
 $\Delta V = 8.1 \times 1.63$

$\left(\frac{325}{(2 \times 12)} \right)^2 \div 3000 = 4.4W$