FULL POWER
OPERATING CONDITIONS: 425v PLATE   400V SCREEN
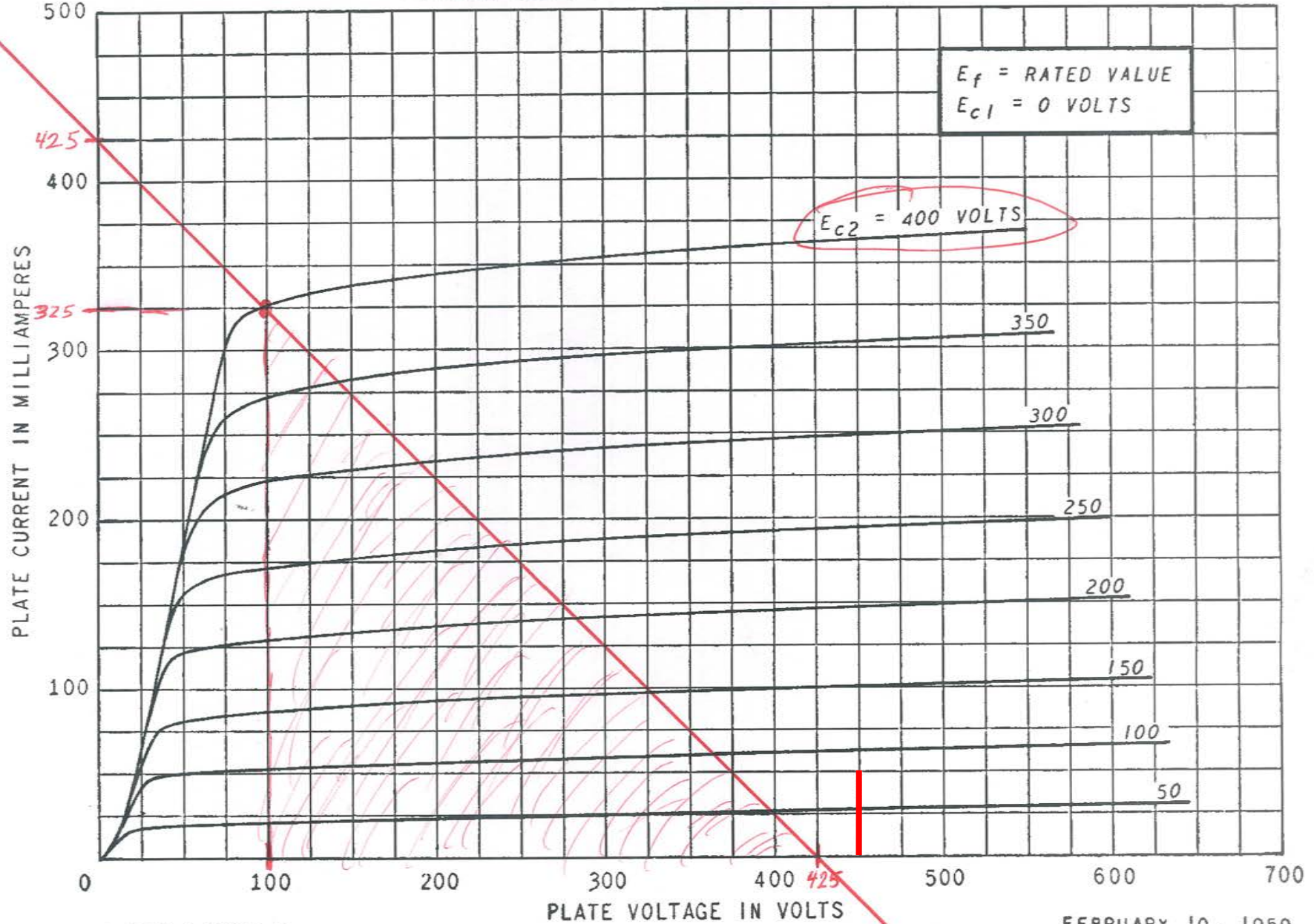
6L6-GC ASSUME IDLE VOLTAGE ≈ 450V
ET-T1515A
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AVERAGE PLATE CHARACTERISTICS

E_f = RATED VALUE
E_{c1} = 0 VOLTS

E_{c2} = 400 VOLTS

350

300

250

200

150

100

50

PLATE CURRENT IN MILLIAMPERES

500
425
400
325
300
200
100
0

PLATE VOLTAGE IN VOLTS

0   100   200   300   400 425   500   600   700

K-55611-TD58-6

FEBRUARY 10, 1959

POWER OUTPUT = $\dfrac{\Delta I * \Delta V}{2}$ = $\dfrac{.325 * (425 - 100v)}{2}$ = 53 WATTS

← LOAD-LINE = $\dfrac{425v}{425mA}$ = 1000Ω

Phate-to-PLATE LOAD = 4 × 1000Ω

PLATE LOAD = 4KΩ