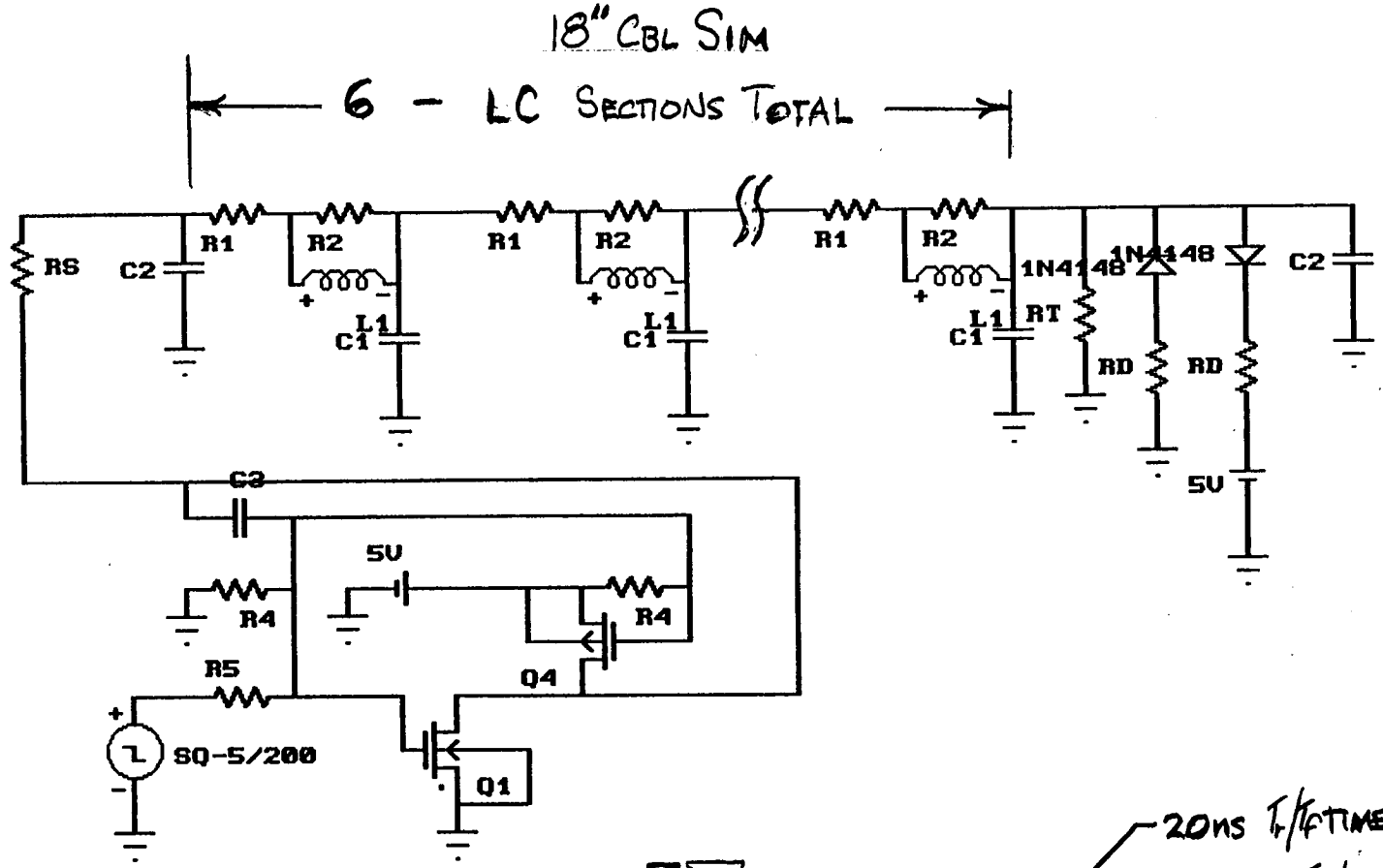
A3T10/95-167

① CHARLIE PATTON

TO: ATA W.G.

10/2 CCK




```
#DEFINE R1 6E-2          #DEFINE RS 1 .001   #DEFINE C2 10E-12
#DEFINE R2 2E3           #DEFINE RT 10E3     #DEFINE R4 10E6
#DEFINE L1 80E-9         #DEFINE RD 30       #DEFINE R5 500
#DEFINE C1 5.5E-12                           #DEFINE C3 6E-12
```

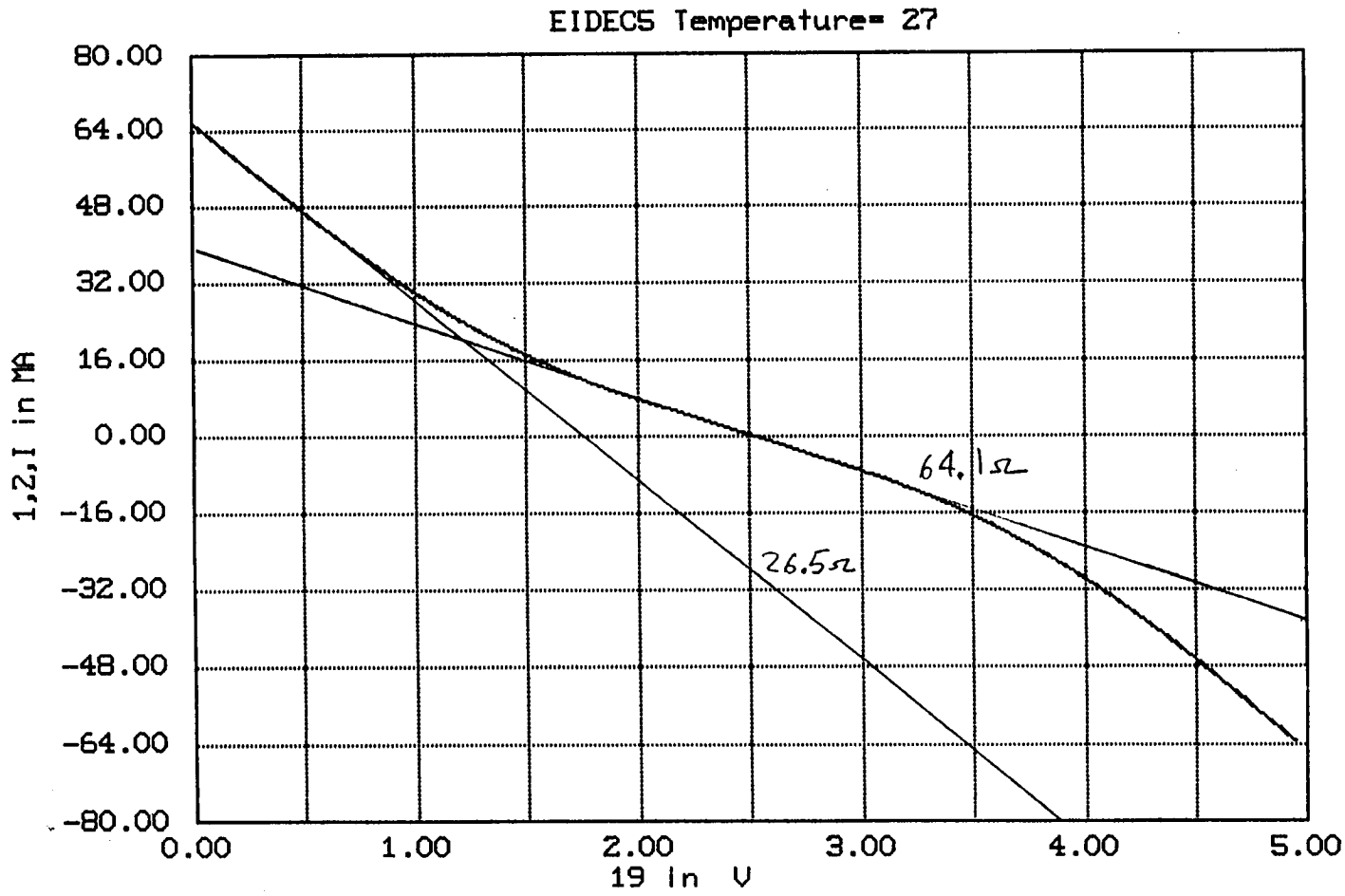
20ns T_r/T_f TIMES (.02 KP/24mA)

0.8ns T_r/T_f TIMES (.02KP/24mA) (NORM FOR V/I CURVES)

10 1E-14

⇒ 2ns T_r/T_f CABLE END

10/27/94 CCK



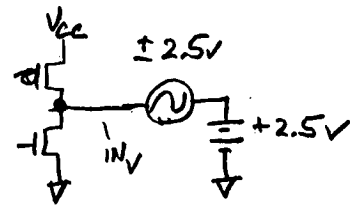
$I_{OH,OL} = 18mA$

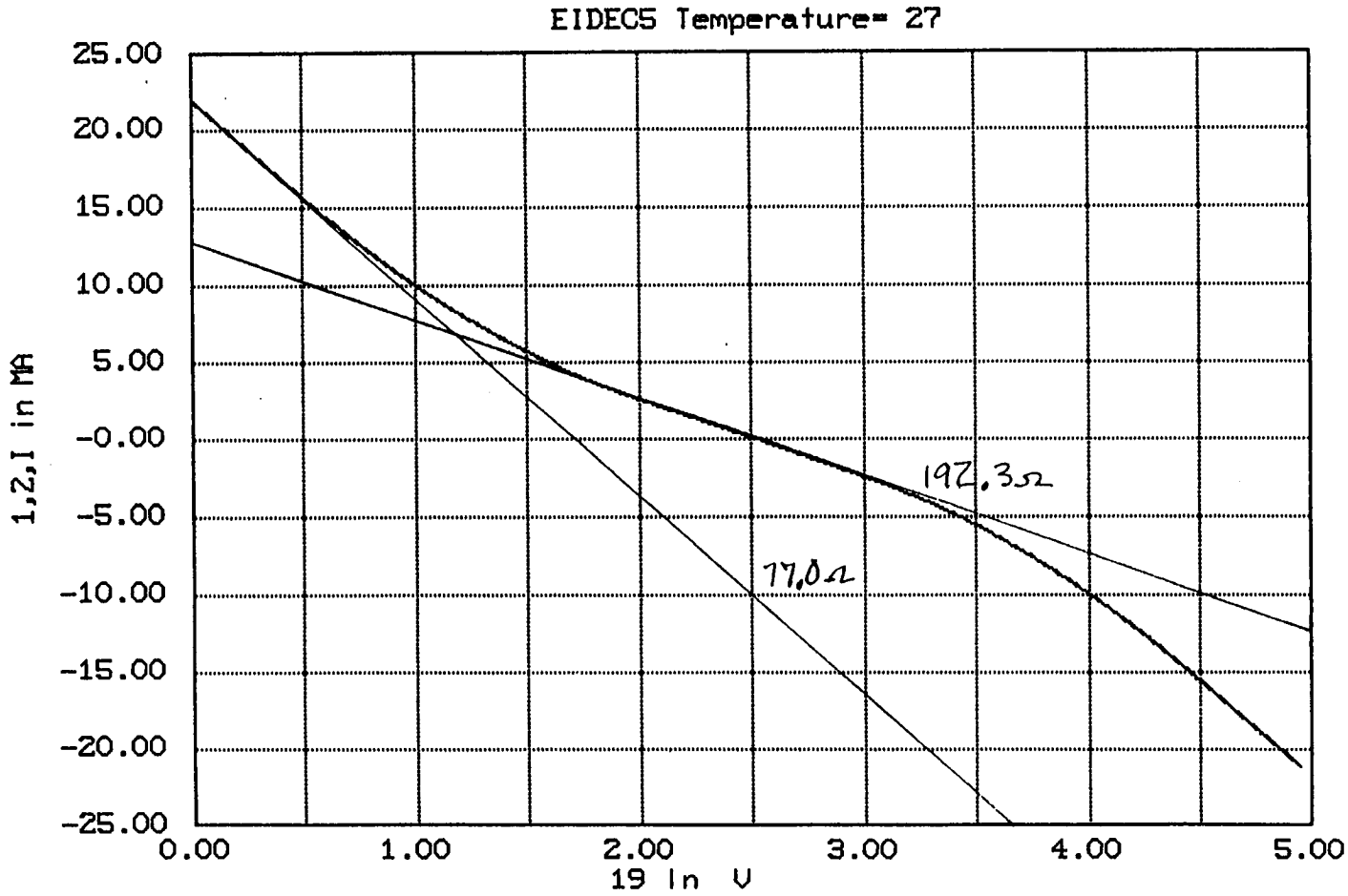
Q16, Q17

$K_p = 0.015$

(3)

10/27/94 CCK



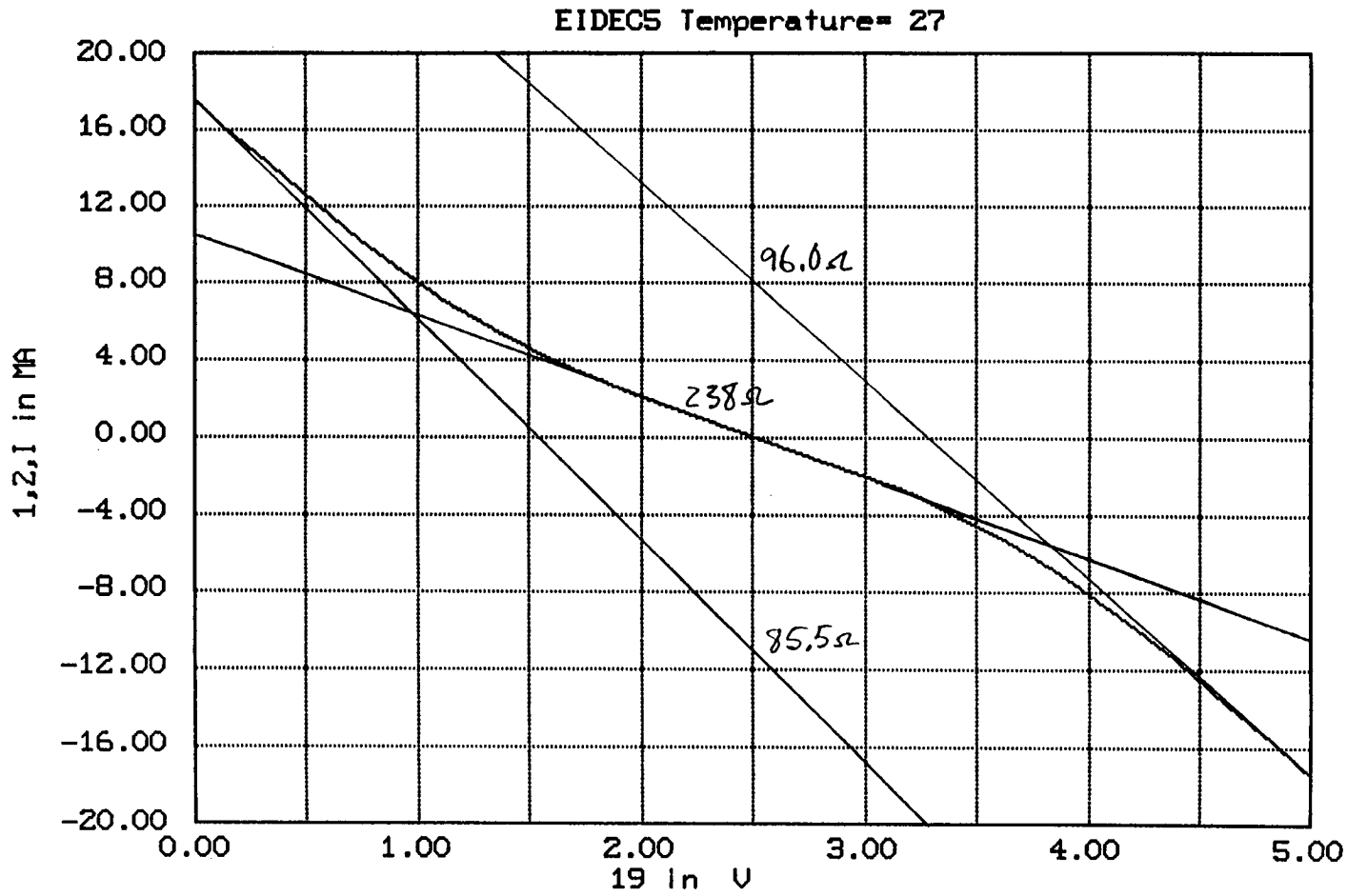


$I_{OH,OL} = 6mA$

Q28, Q29

$K_p = 0.005$

(4)



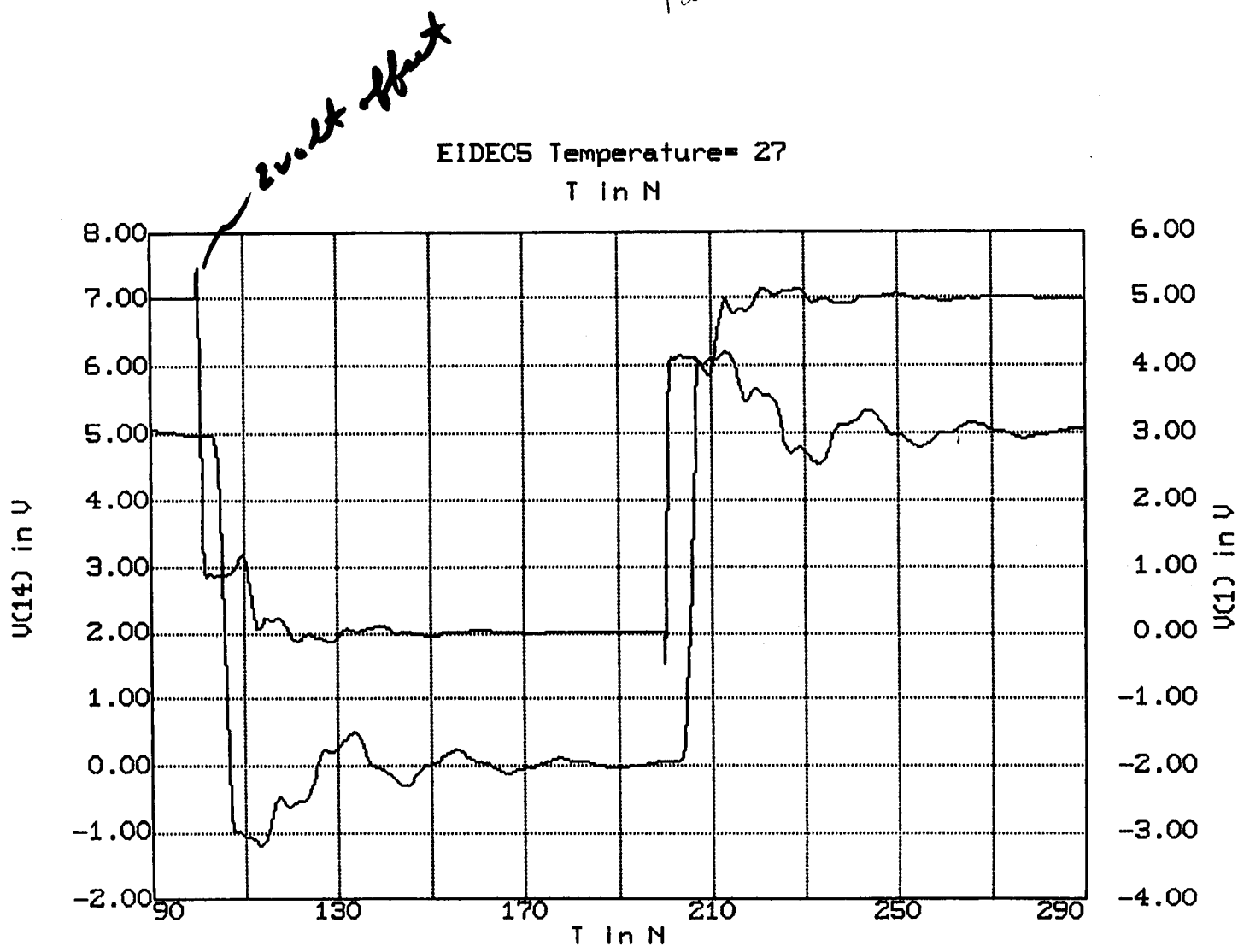
$I_{OH,OL} = 4.8mA$

Q6, Q7

$K_p = 0.004$

(5)

10/2, 14 CCK



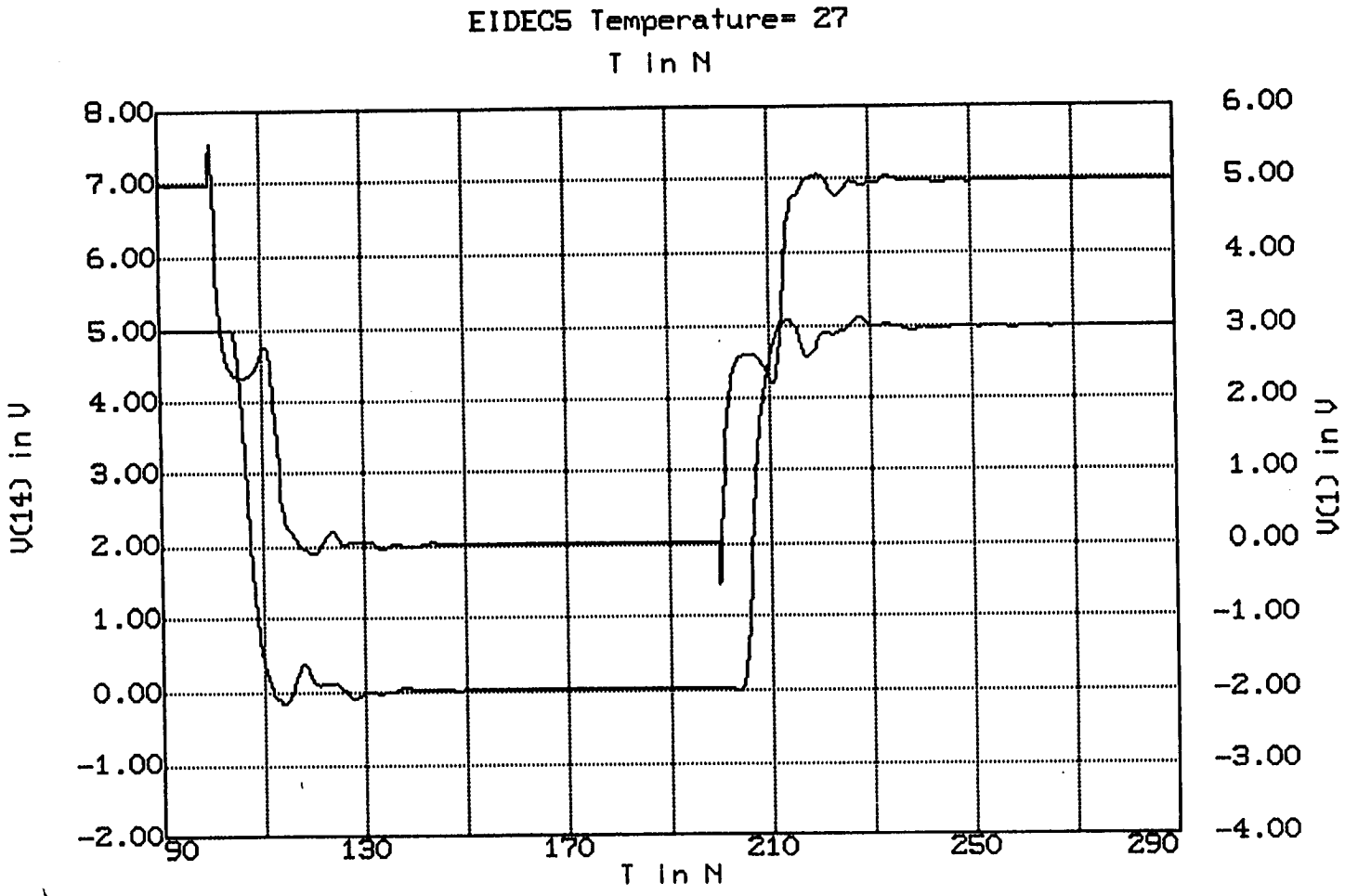
$I_{OH,OL}$ = 18mA

Q16, Q17

K_P = 0.015

(6)

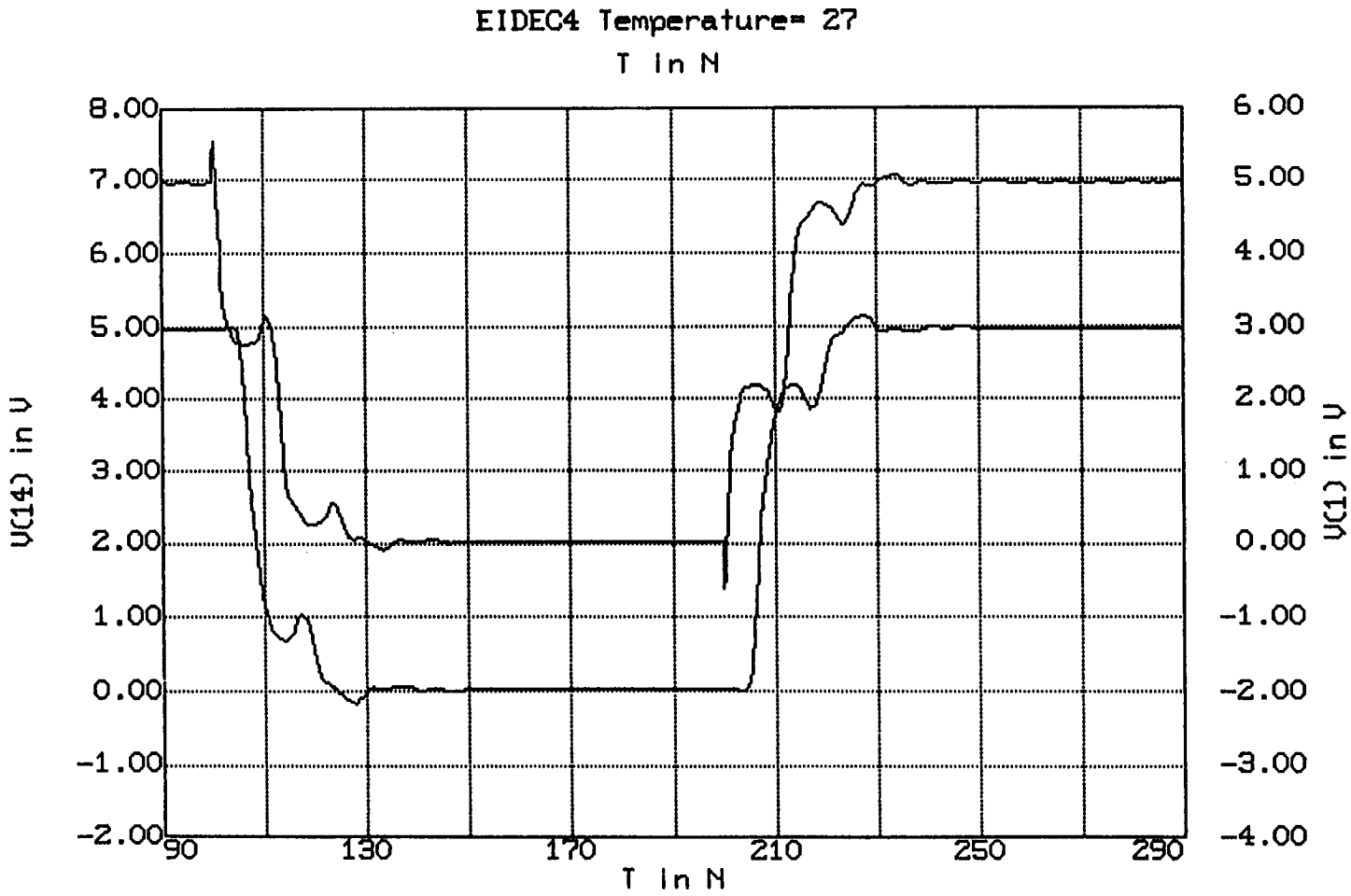
10/27/94 CCK



$I_{OH,OL} = 6mA$
Q28, Q29
$K_p = 0.005$

⑦

10/27/94 CCK

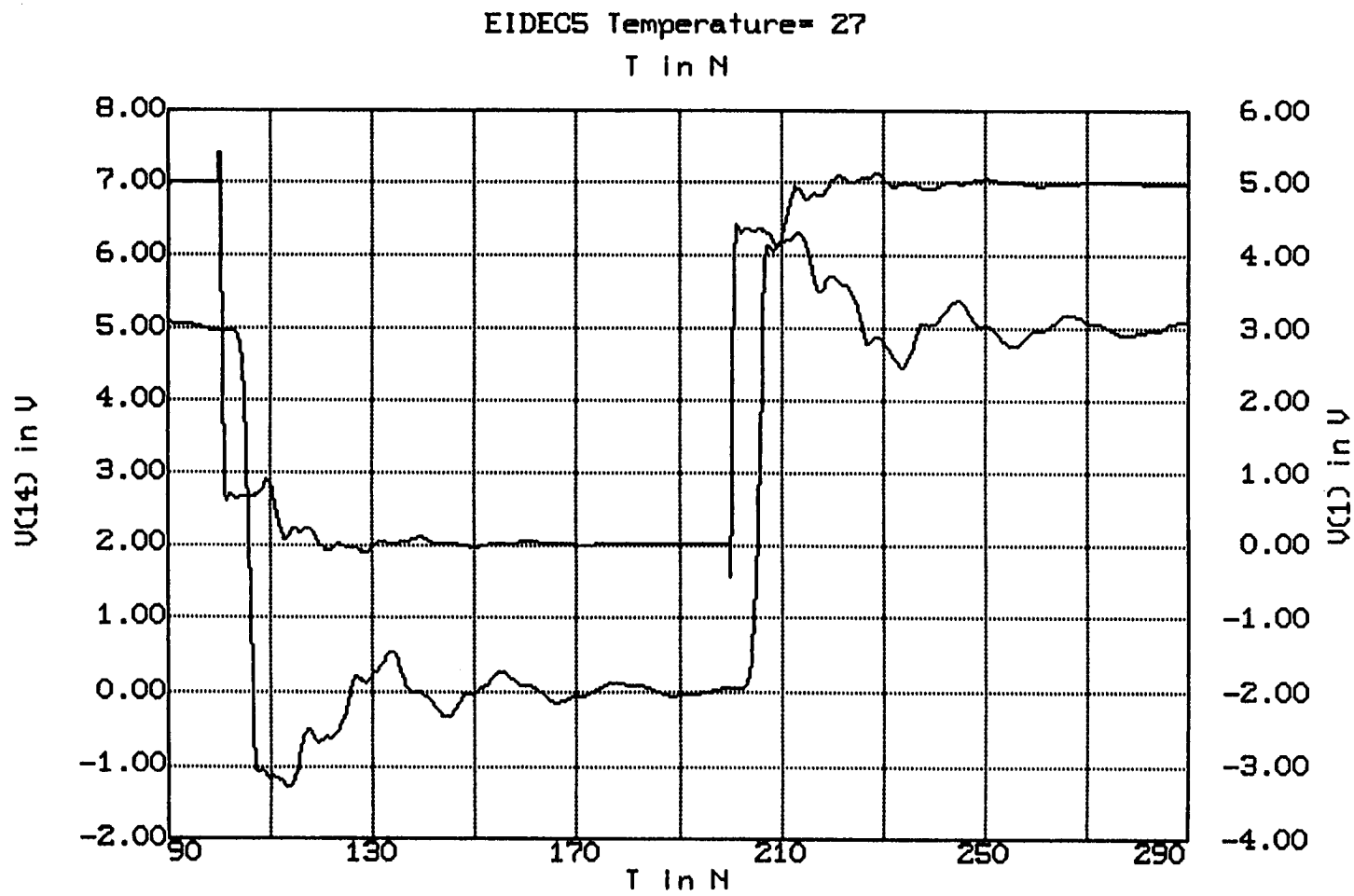


$I_{OH,OL} = 4.8mA$

Q6, Q7

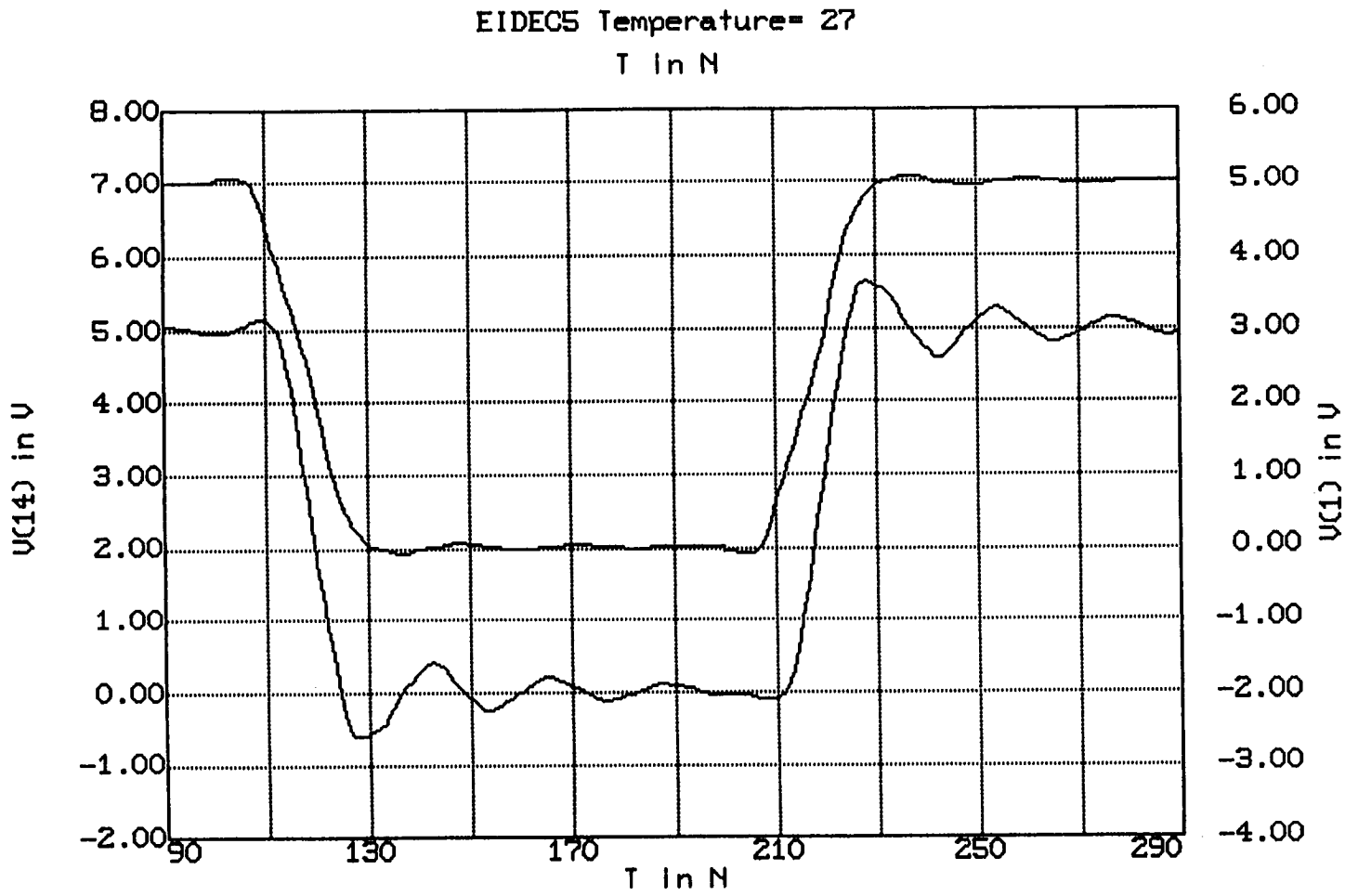
$K_p = .004$

(8)



$I_{OH,OL} = 24mA$
$K_p = 0.02$
$T_f = 0.8ns$

(9)



$I_{OH,OL} = 24\ mA$
$K_p = 0.02$
$T_f = 20\ nS$