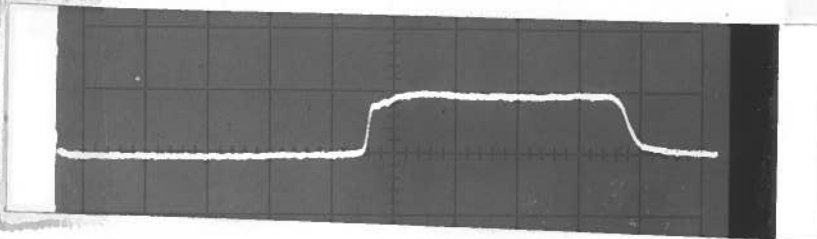


PULSE GENERATOR
PERFORMANCE CHECK

Model: *AVM-1-IBM-1*

S.N.: *1409*

Date: *JULY 25 83*



P OUT
5 V/DIV.
1.0 nSEC/DIV.
4.0 MHz

a) Output signal amplitude:

0 to ± 5 VOLTS

b) Pulse width:

0 TO 6 nSEC

c) Rise time:

≤ 100 pSEC

d) Fall time:

≤ 135 pSEC

e) PRF:

0 TO 25 MHz

f) Jitter, stability:

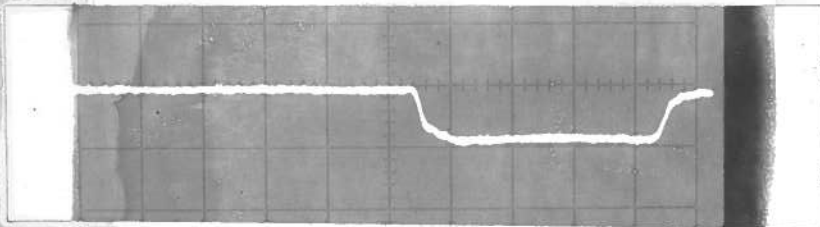
OK

g) Prime power:

+24 ± 1.0 VOLT

400 mA MAX

A



N OUT
5 V/DIV
1.0 nSEC/DIV
4.0 MHz

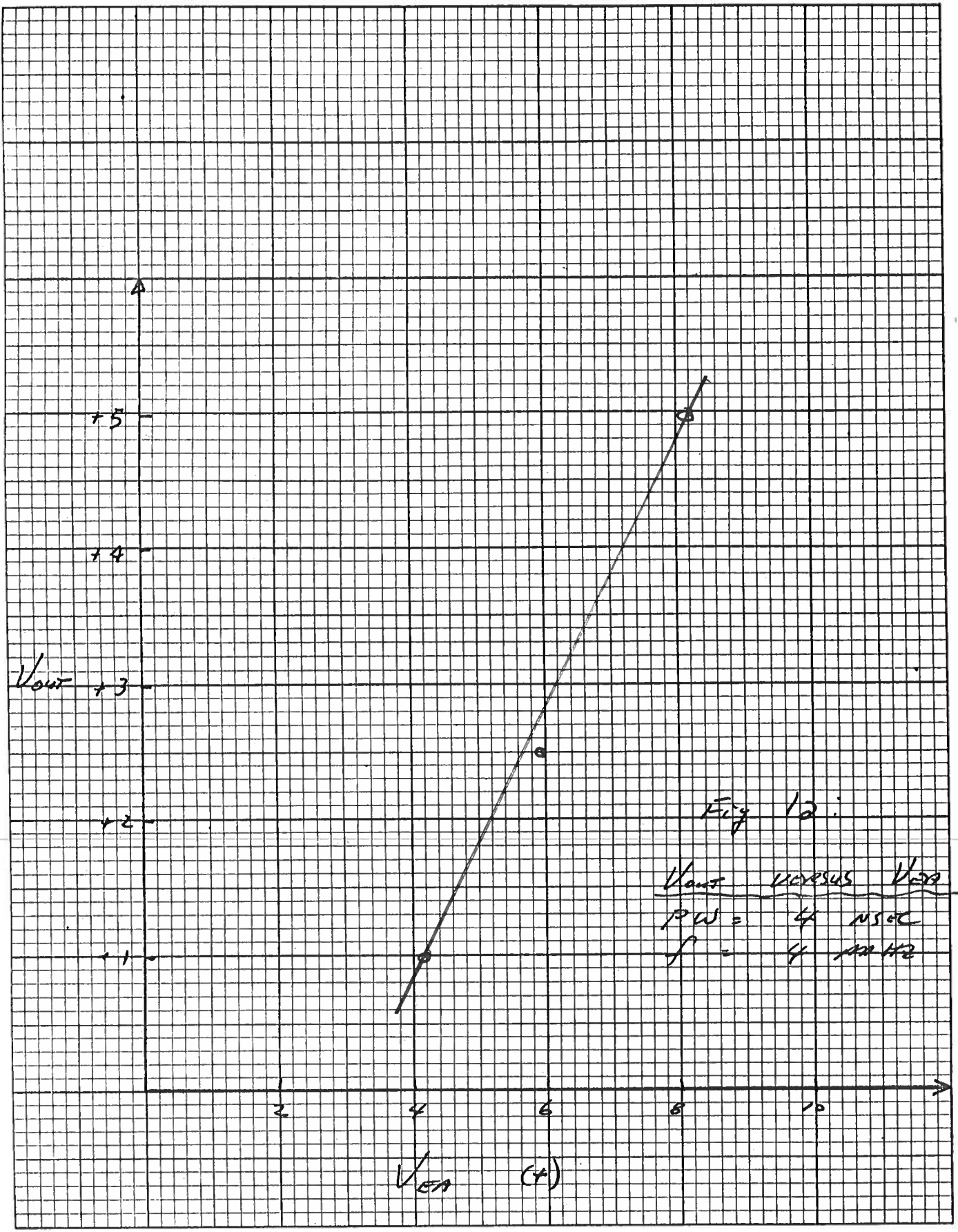


Fig 12:

V_{out} versus V_{en}
 $PW = 4 \text{ nsec}$
 $f = 4 \text{ kHz}$

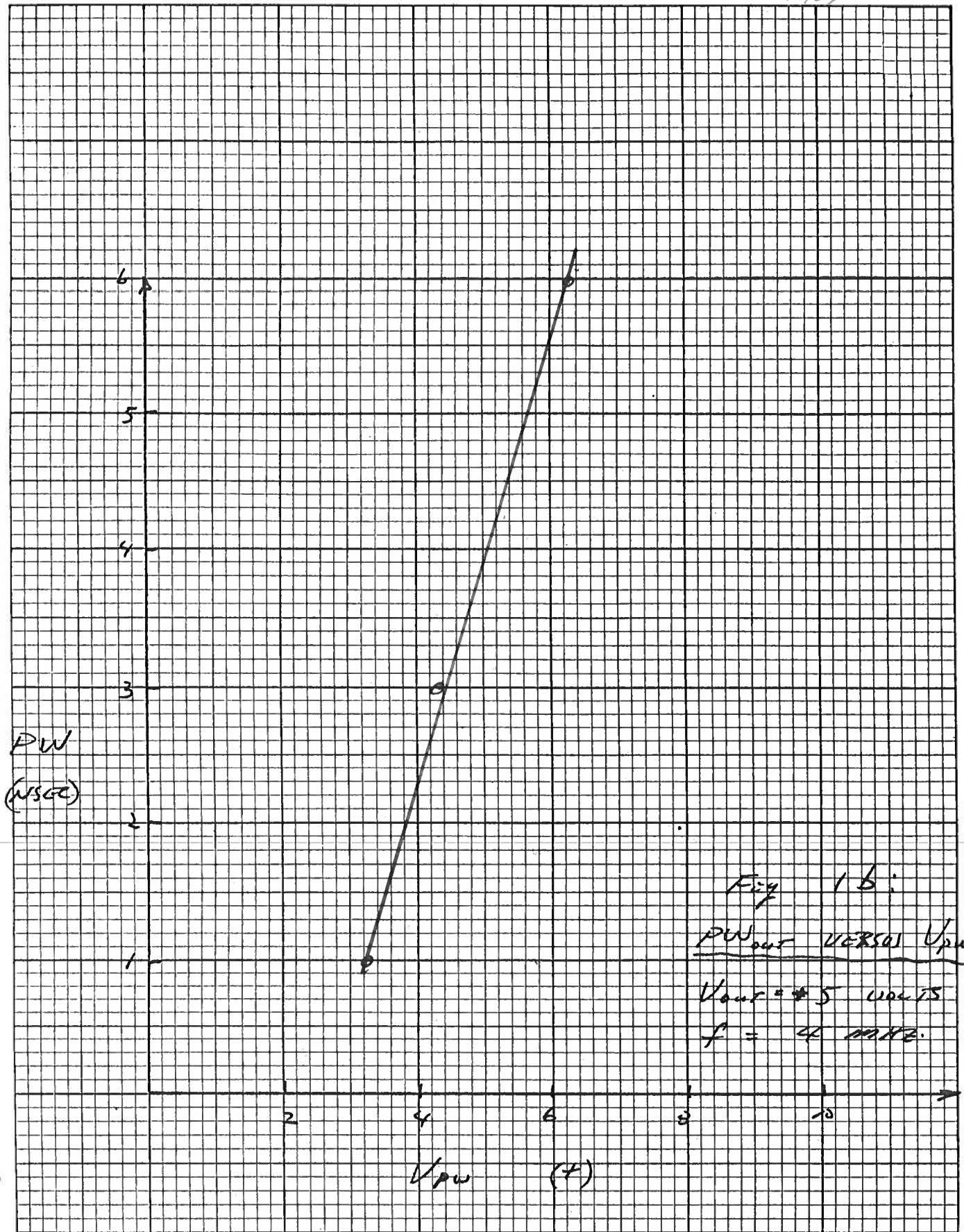


Fig 1b:
PDW_{out} VERSUS V_{pw}
V_{out} = 5 volts
f = 4 MHz.

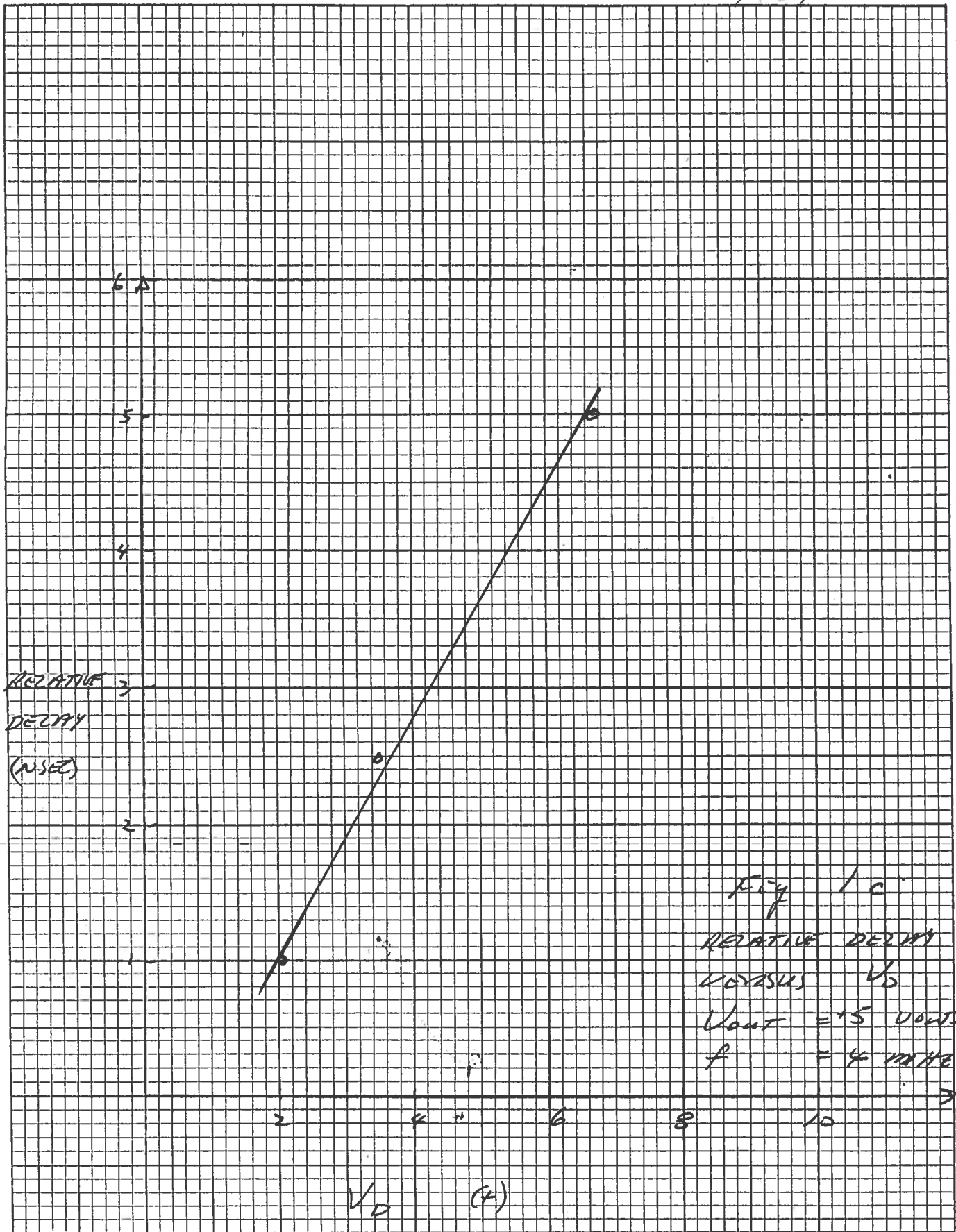


Fig 1c
RELATIVE DELAY
VERSUS V_D
 $V_{ant} = 15$ VOLTS
 $f = 4$ MHz