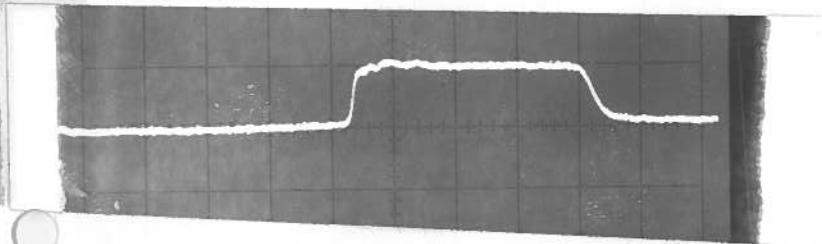


PULSE GENERATOR  
PERFORMANCE CHECK

Model: *PRM-1ERM7*

S.N.: *1410*

Date: *July 26 83*

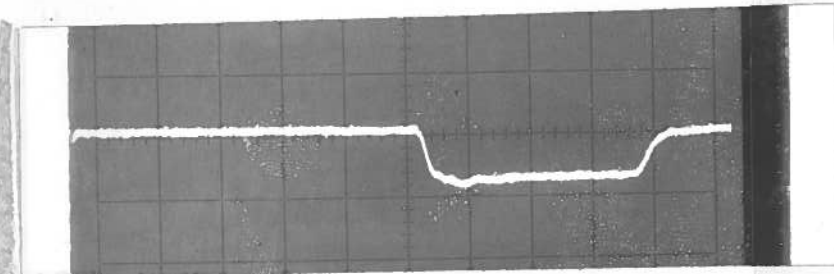


*P out*  
*5 V/DIV*  
*1.0 nSEC/DIV*  
*4.0 MHz*

- a) Output signal amplitude:  
*0 TO ±5V*
- 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 V*  
*400mA MAX*



*N out*  
*5 V/DIV*  
*1.0 nSEC/DIV*  
*4.0 MHz*

*[Signature]*

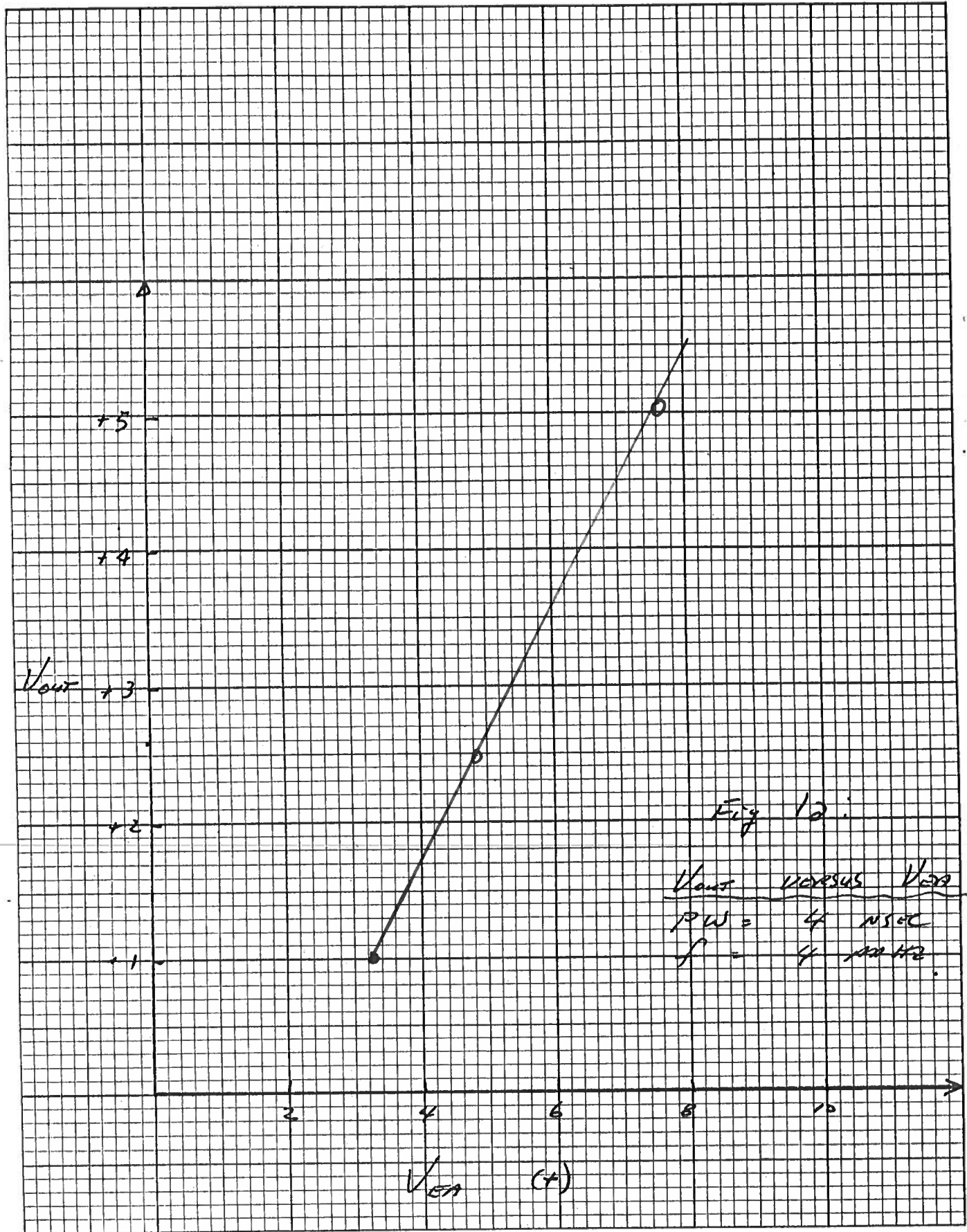


Fig 1a:  
 $V_{out}$  versus  $V_{out}(+)$   
PW = 4 nsec  
 $f = 4$  kHz

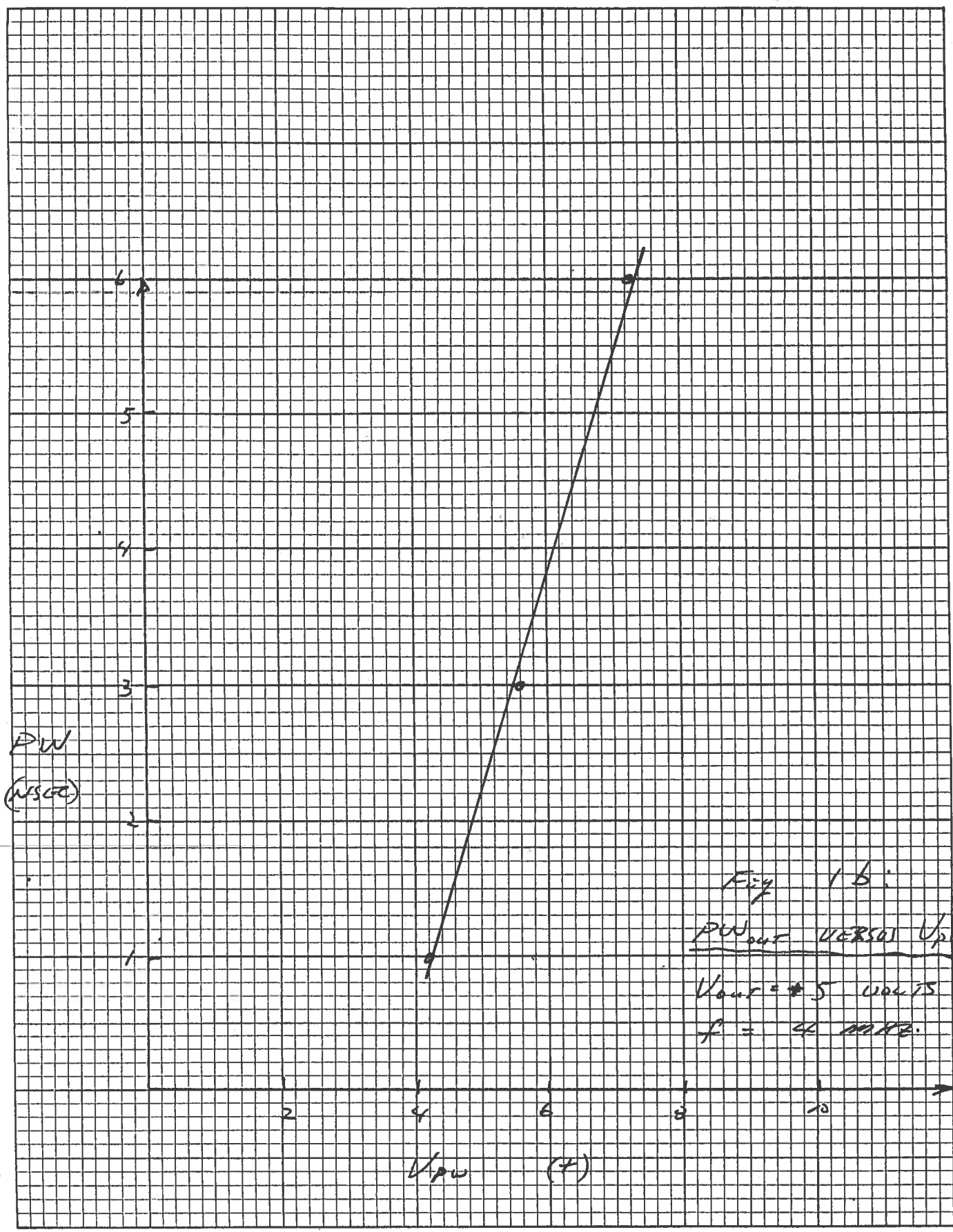


Fig 1B:  
PW<sub>out</sub> VERSUS V<sub>pw</sub>  
V<sub>out</sub> = 5 VOLTS  
f = 4 MHz.

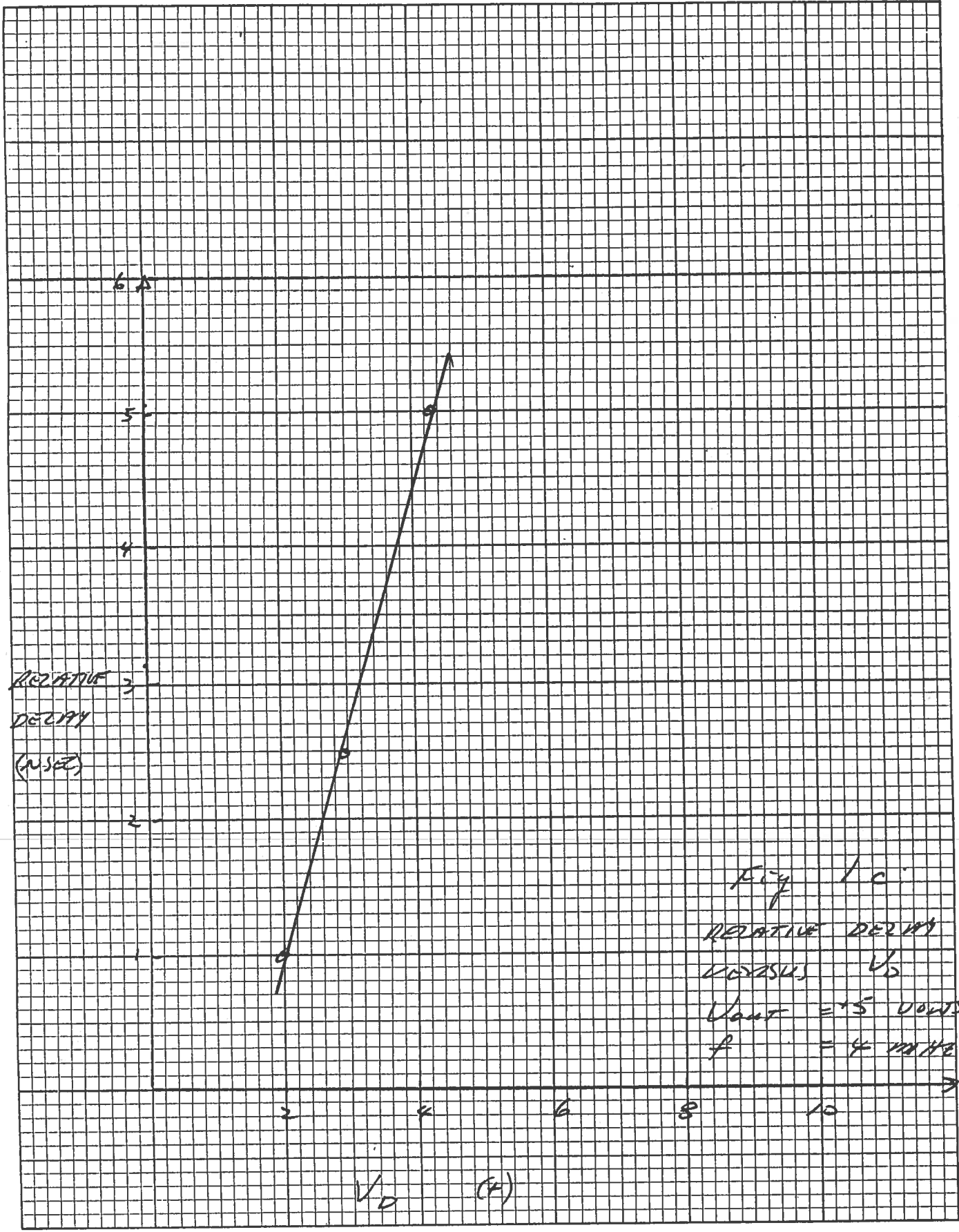


Fig 1c  
RELATIVE DELAY  
VERSUS  $V_0$   
 $V_{out} = +5$  VOLTS  
 $f = 4$  MHz