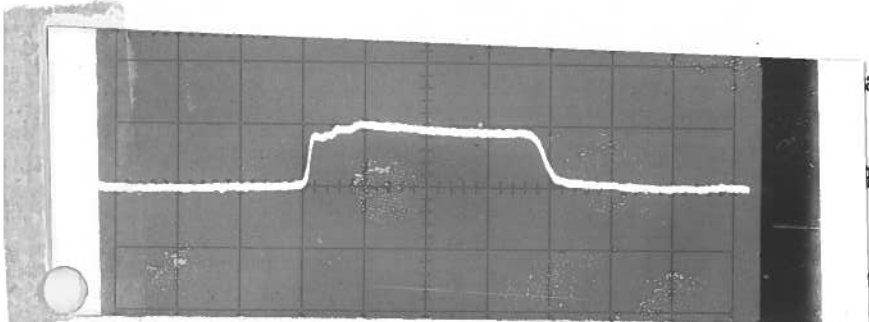


PULSE GENERATOR  
PERFORMANCE CHECK

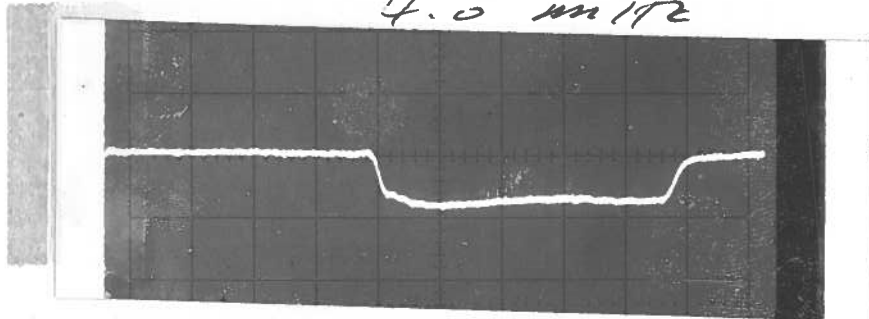
Model: *AVM-1-ZBM-1*

S.N.: *1412*

Date: *JULY 20 83*



*P OUT*  
*5 V / DIV*  
*1.0 nsec / DIV*  
*4.0 MHz*



*N OUT*  
*5 V / DIV*  
*1.0 nsec / DIV*  
*4.0 MHz*

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

*[Signature]*

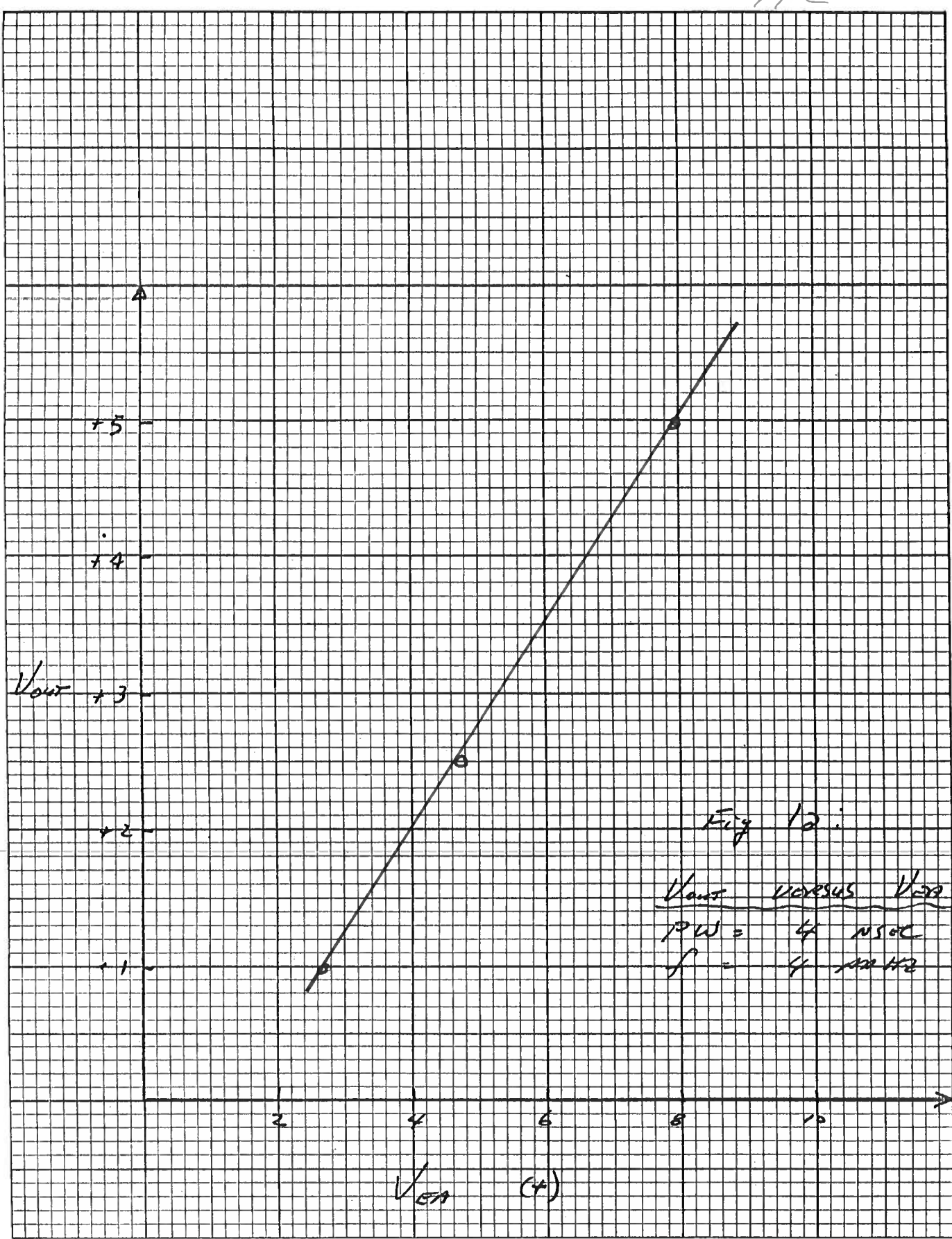


Fig 12:

$V_{out}$  versus  $V_{in}$   
PW = 4  $\mu$ soc  
f = 4 kHz

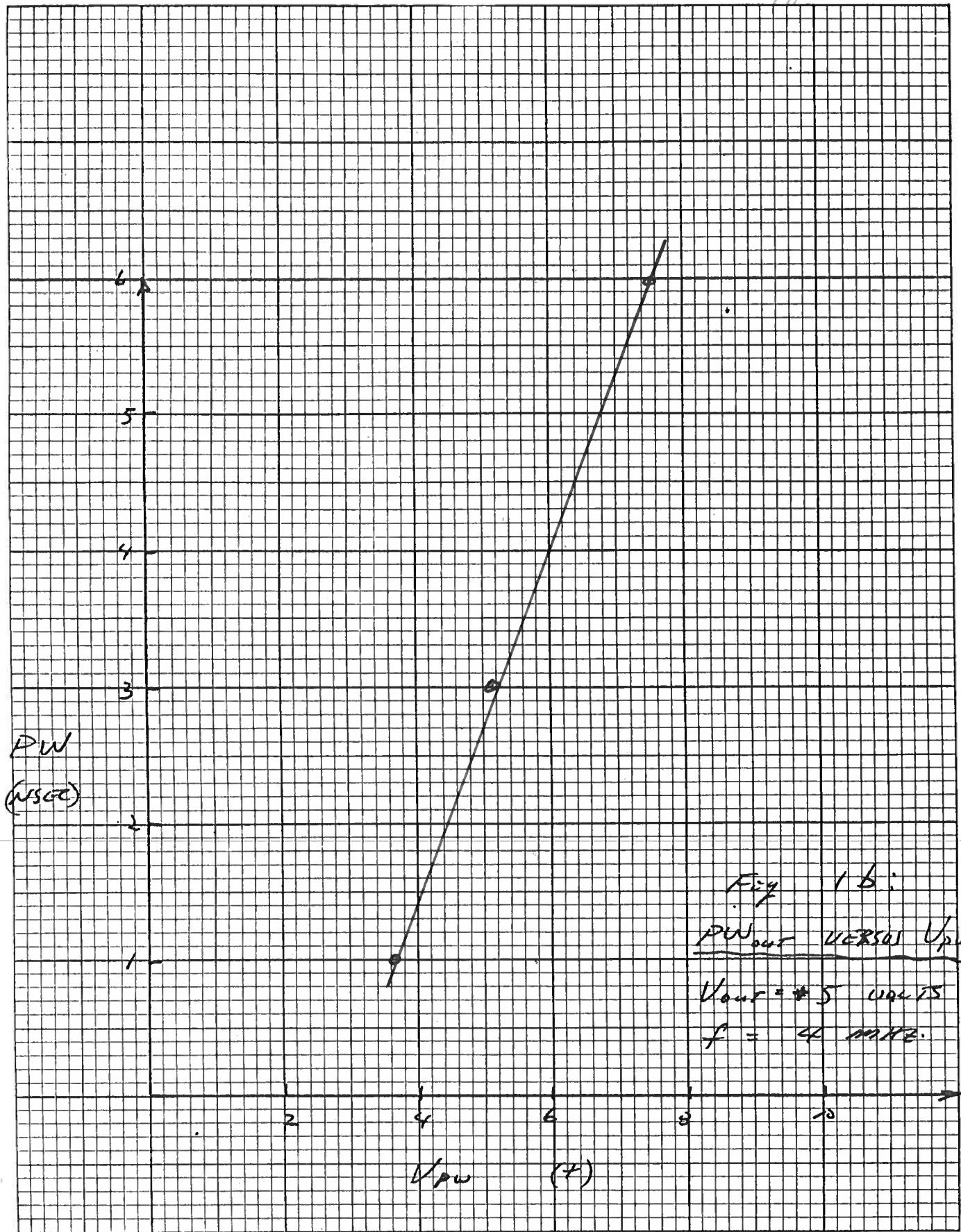


Fig 1b:  
PW<sub>out</sub> VERSUS V<sub>pw</sub>  
V<sub>out</sub> = 5 VOLTS  
f = 4 MHz.

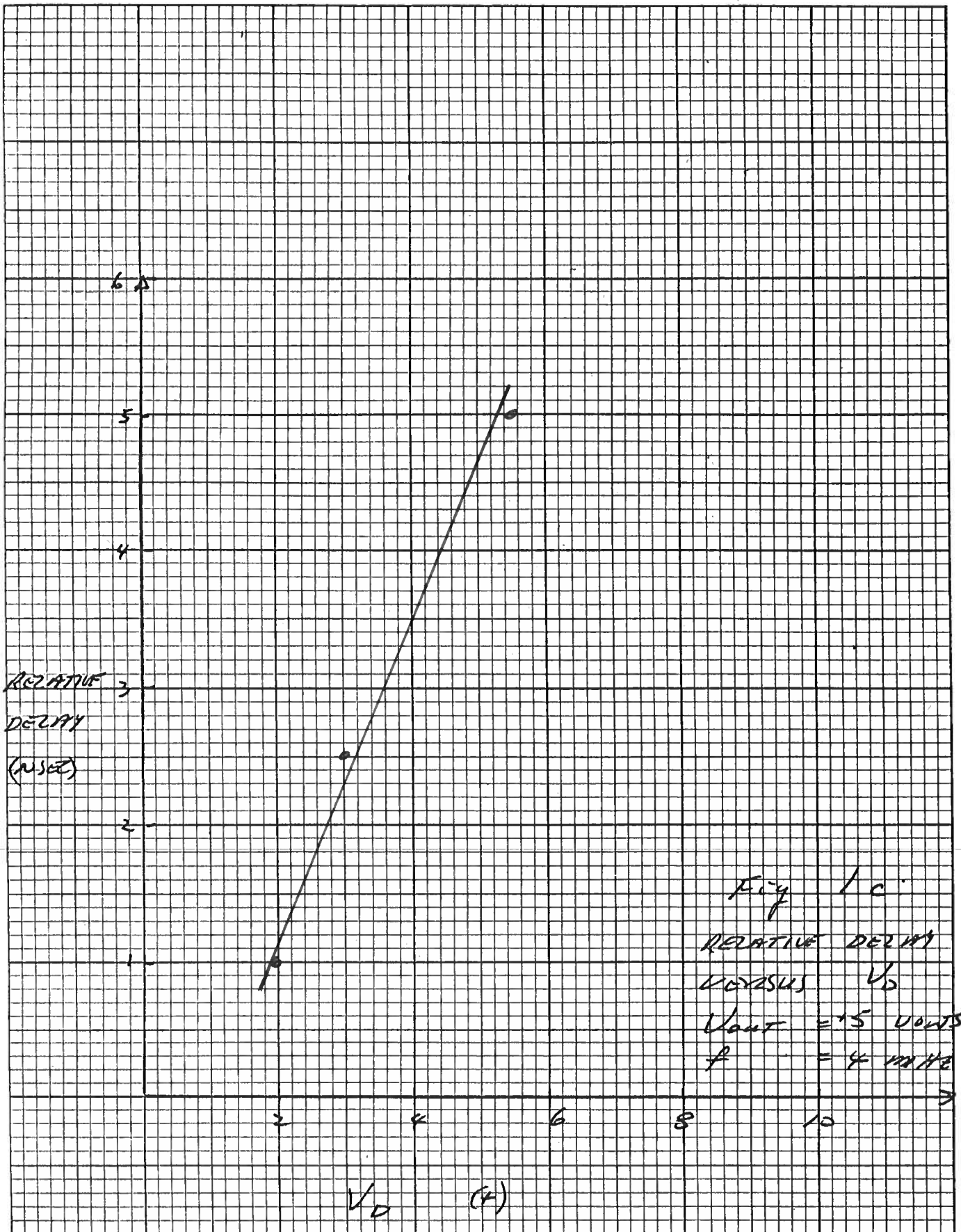


Fig 1c  
RELATIVE DELAY  
VERSUS  $V_D$   
 $V_{out} = 1.5$  VOLTS  
 $f = 4$  MHz