

PULSE GENERATOR
PERFORMANCE CHECK

Model:

AVM-1-IBM-1

S.N.:

1408

Date:

1967 26 83

a) Output signal amplitude:

0 to $\pm 5V$

b) Pulse width:

0 TO 6 nsec.

c) Rise time:

≤ 100 psec

d) Fall time:

≤ 135 psec

e) PRF:

0 TO 25 MHz

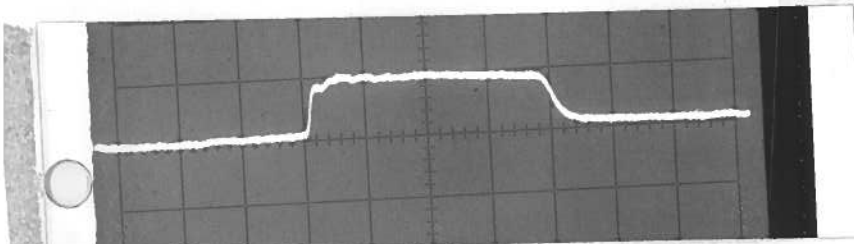
f) Jitter, stability:

OK

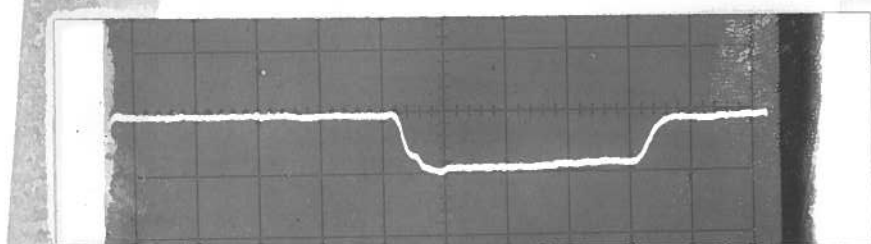
g) Prime power:

$+24 \pm 1.0 V$

400 mA MAX.



P OUT.
5 VOLTS/DIV
1.0 nsec/DIV
4.0 MHz



N OUT
5 VOLTS/DIV
1.0 nsec/DIV
4.0 MHz

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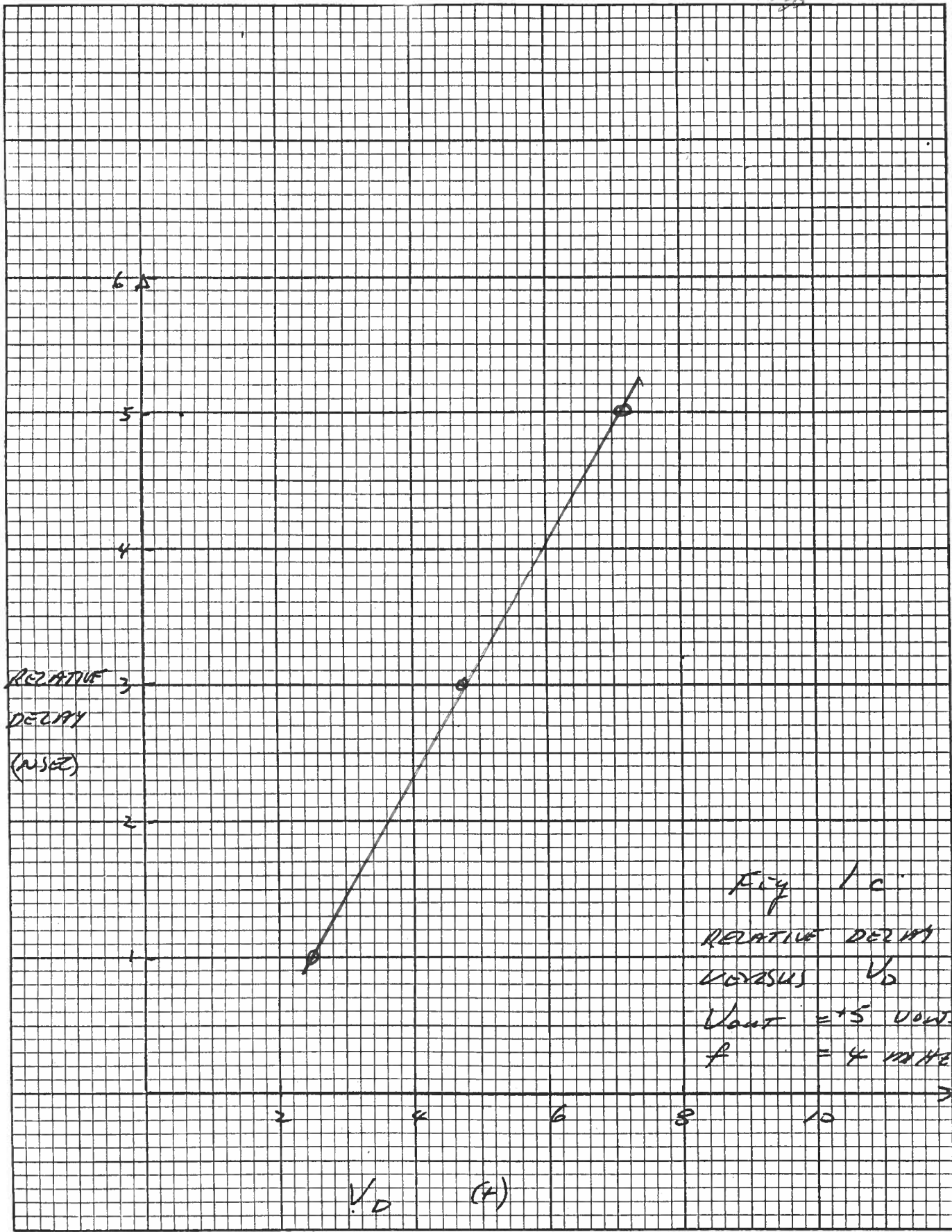


Fig 1c
RELATIVE DELAY
VERSUS V_D
 $V_{out} = 15$ VOLTS
 $f = 4$ MHz

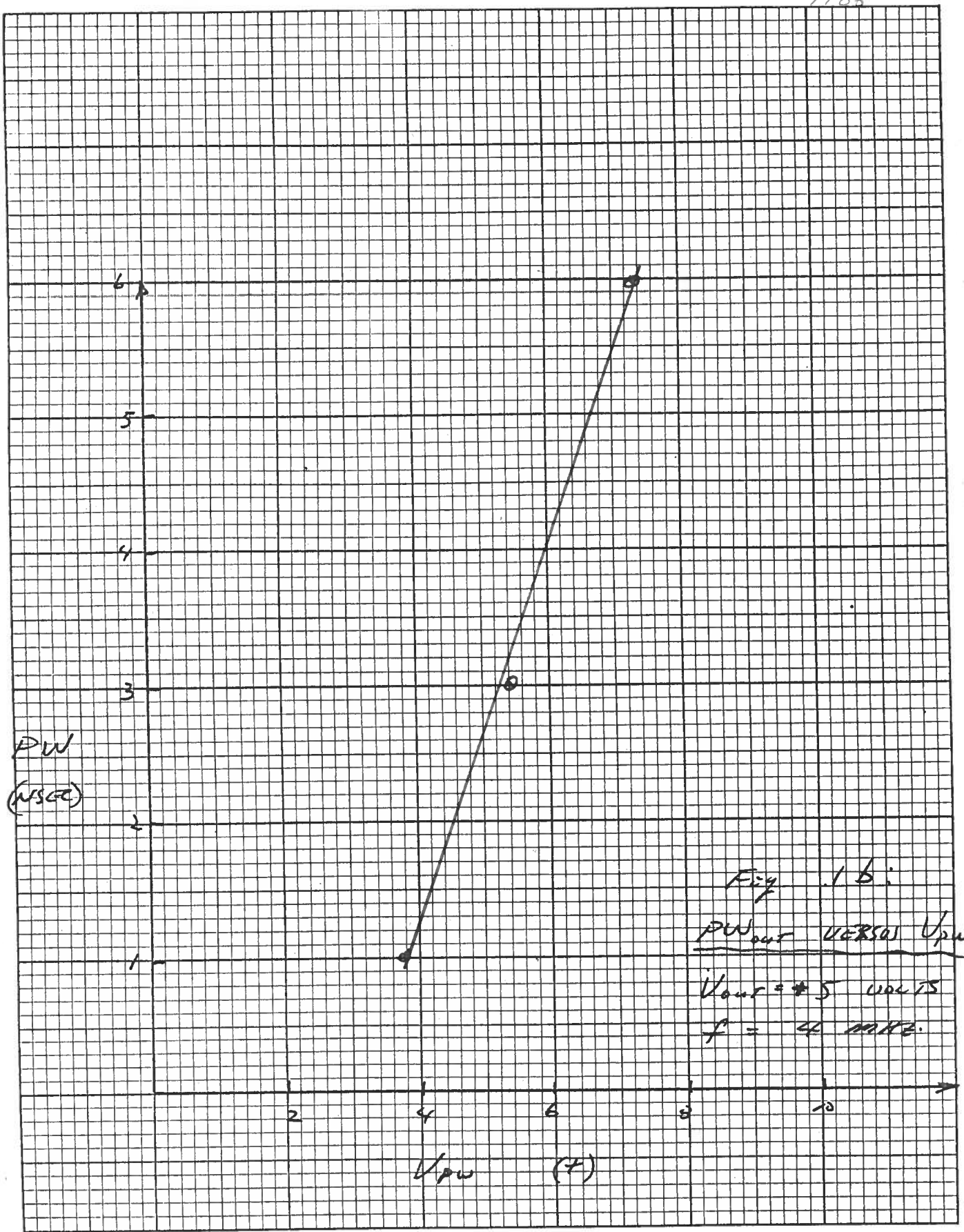


Fig 16:
 P_{wout} VERSUS V_{pw}
 $V_{out} = 5$ VOLTS
 $f = 4$ MHz.

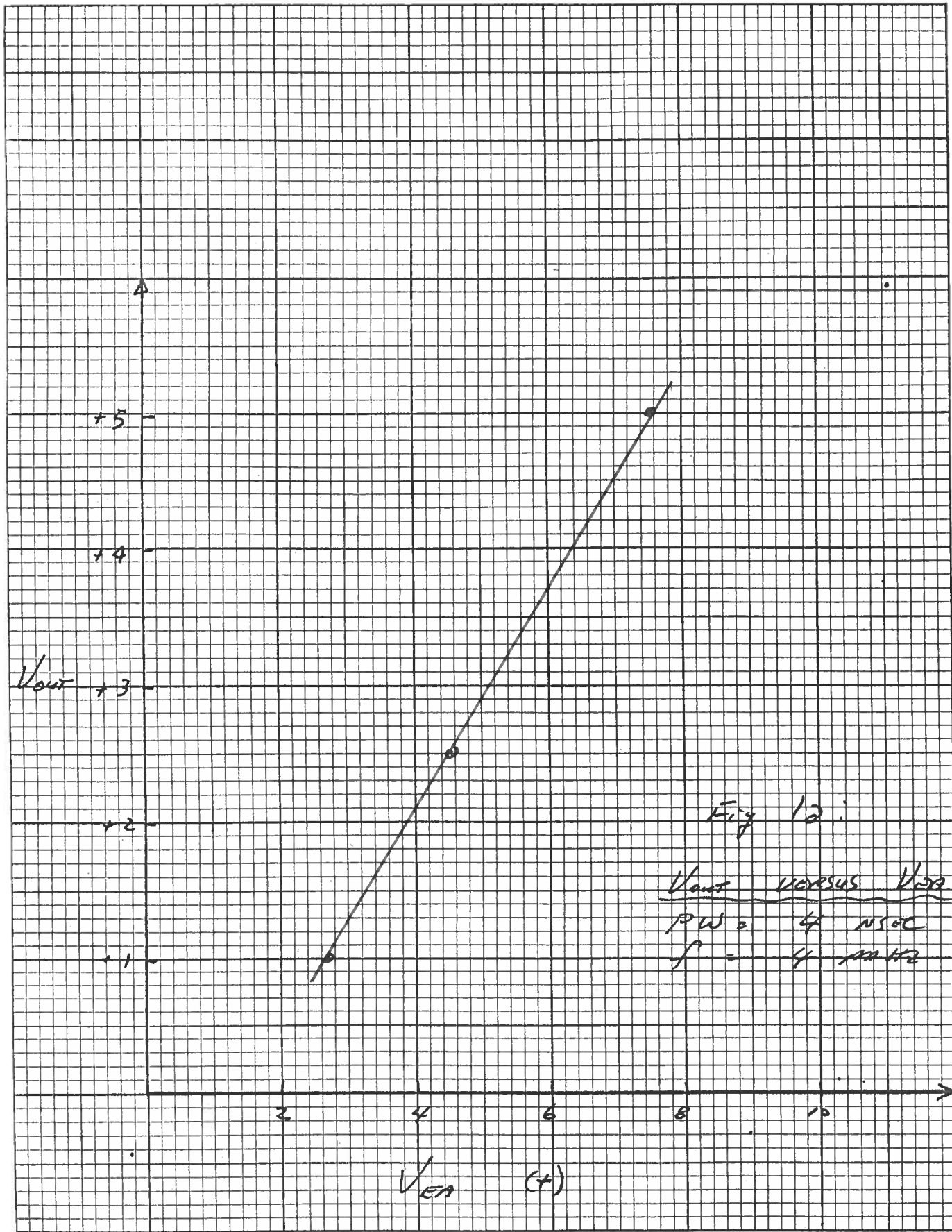


Fig 1a:

V_{out} versus V_{in}
PW = 4 NSOC
 $f = 4$ kHz