

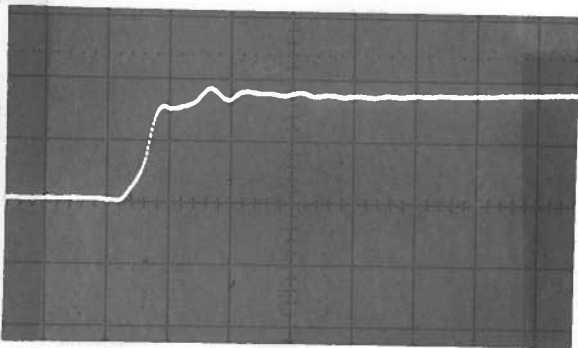
PULSE GENERATOR

PERFORMANCE CHECK

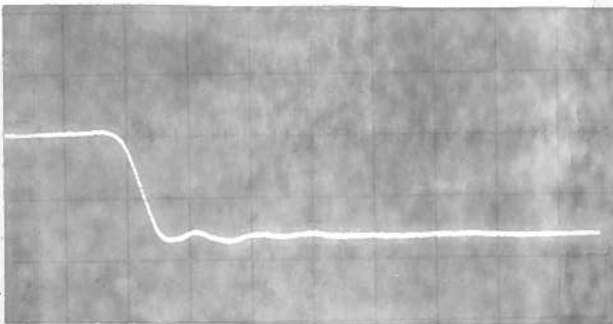
Model: AVR-A-2-S1-C-PN

S.N.: 989

Date: OCT 31 1982



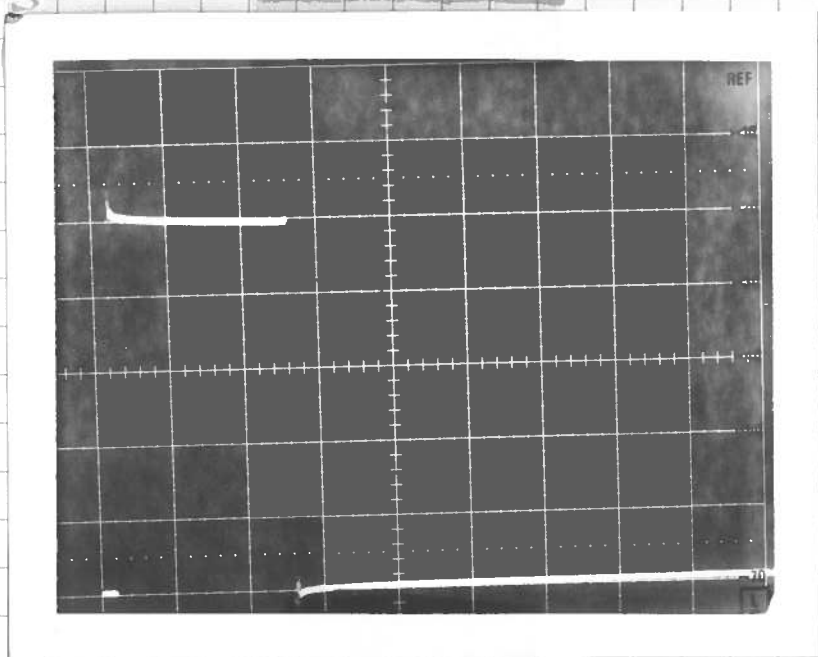
10 NSEC / DIV  
32 VOLTS / DIV  
1 KHZ  
P OUT TR



10 NSEC / DIV  
32 VOLTS / DIV  
1 KHZ  
N OUT TR  
(SEE OVER)

- a) Output signal amplitude:  
P: 0 TO +50V (TO 50  $\Omega$ )  
N: 0 TO -50V (TO 50  $\Omega$ )
- b) Pulse width:  
P: 0.1 TO 10  $\mu$ sec  
N: 0.1 TO 10  $\mu$ sec
- c) Rise time:  
P:  $\leq 5$  NSEC  
N:  $\leq 5$  NSEC
- d) Fall time:  
P:  $\approx 7$  NSEC  
N:  $\approx 7$  NSEC
- e) PRF:  
0 TO 10 KHZ
- f) Jitter, stability:  
10% DUTY CYCLE LIMIT  
OK
- g) Prime power:  
110/220 V, 50-60 Hz

AVR-A-2-S1-C-PN  
(CONT). SN 989.



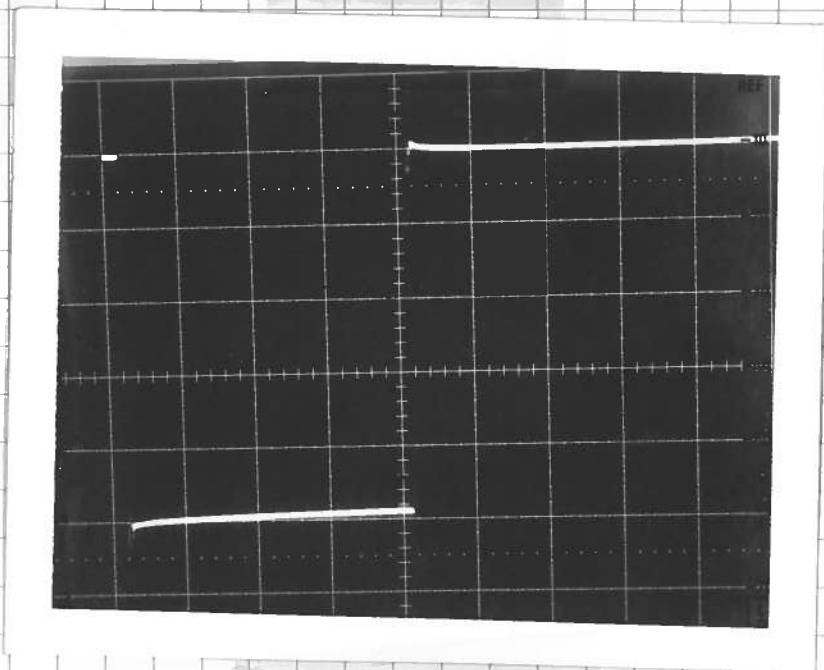
P OUT

1.0  $\mu$ sec / DIV

10 VOLTS / DIV

1 KHz

$R_L = 50 \Omega$



N OUT.

1.0  $\mu$ sec / DIV

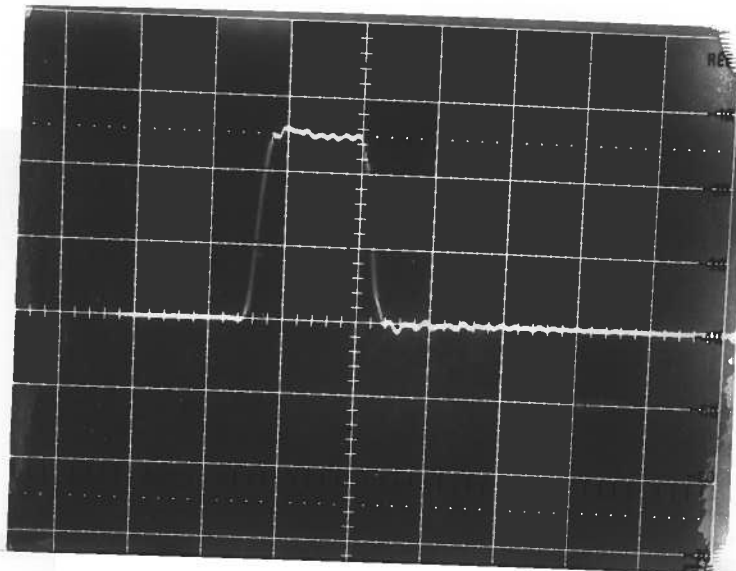
10 VOLTS / DIV

1 KHz

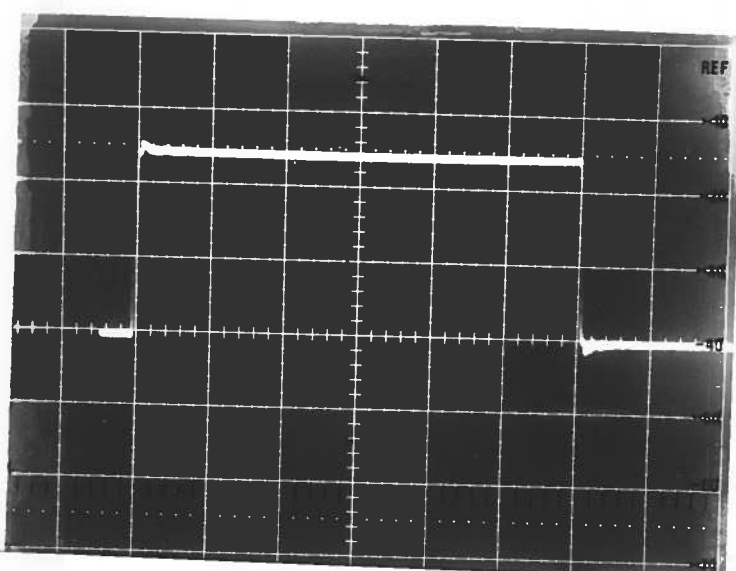
$R_L = 50 \Omega$

AWR-A-2-51-C-PW SN 909 CORI  
(MOD DEC 15 82)

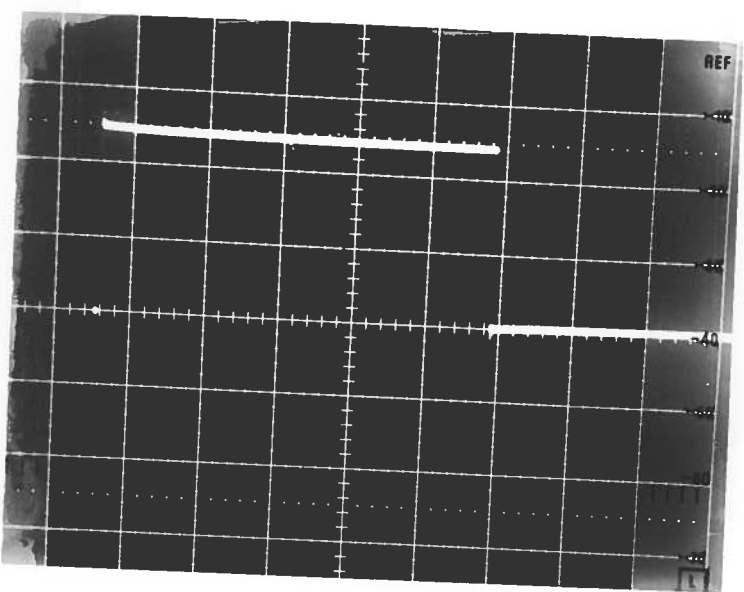
P OUTPUT



(A) 50 NSEC/DIV  
20 VOLTS/DIV  
5 KHZ



(B) 0.2 msec/DIV  
20 VOLTS/DIV  
5 KHZ



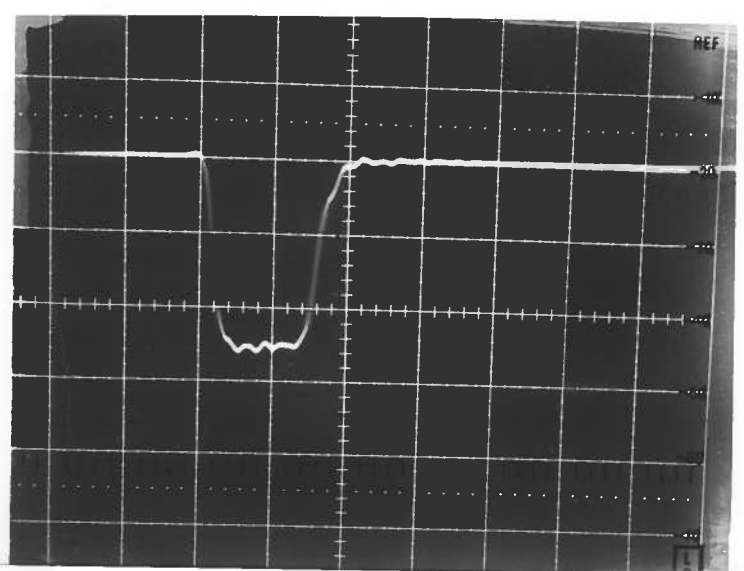
(C) 2.0 msec/DIV  
20 VOLTS/DIV  
1 KHZ

TEST EQUIPMENT

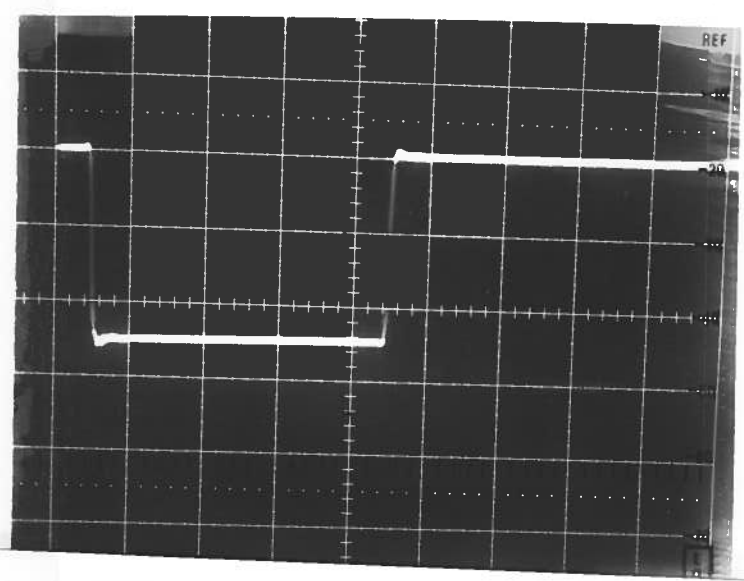
Load 51  $\Omega$   $\frac{1}{2}$  W R  
TEK 7603 / 7A18

MR-A-2-SI-C-PW SN 989 CONT  
 (MOD DEC 15 82)

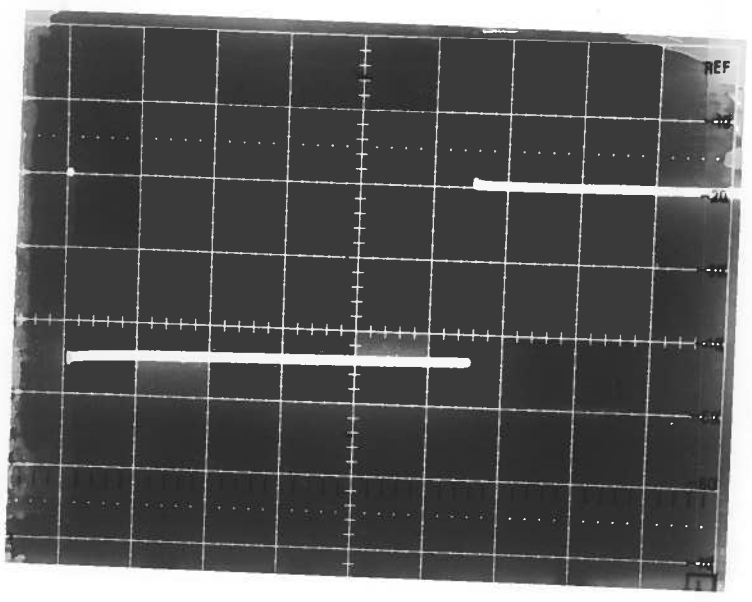
N OUTPUT.



(A) 50 nsec/div  
 20 volts/div  
 5 kHz



(B) 0.2 msec/div  
 20 volts/div  
 5 kHz



(C) 2.0 msec/div  
 20 volts/div  
 1 kHz

TEST EQUIPMENT

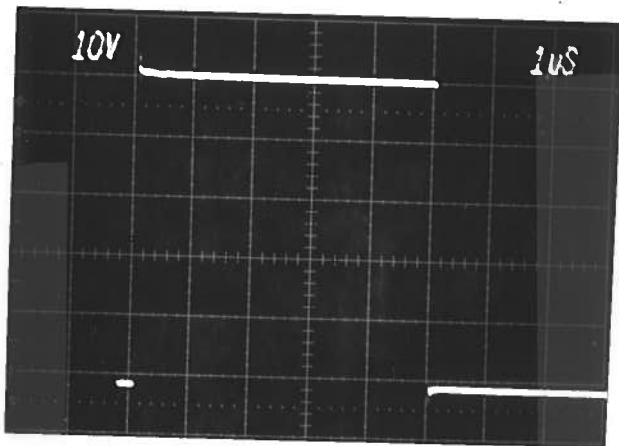
Read 51a  $\frac{1}{2}$  W.  
 TEL 7603/7A18

PULSE GENERATOR  
PERFORMANCE CHECK

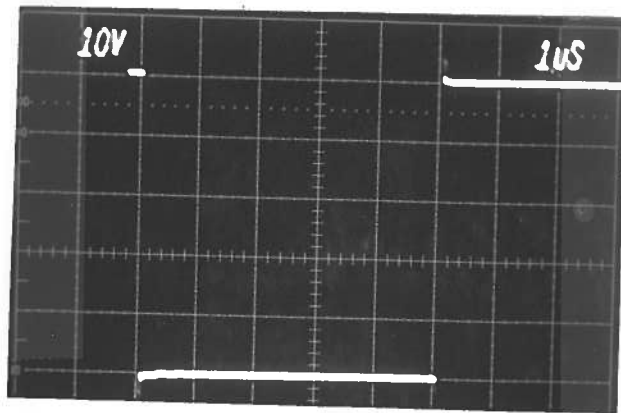
Model: *AMR-A-2-S1-C-PN*

S.N.: *989 (MOD)*

Date: *MAR 24 88*



Ⓐ P out  
 $R_L = 50 \Omega$



Ⓑ N out  
 $R_L = 50 \Omega$

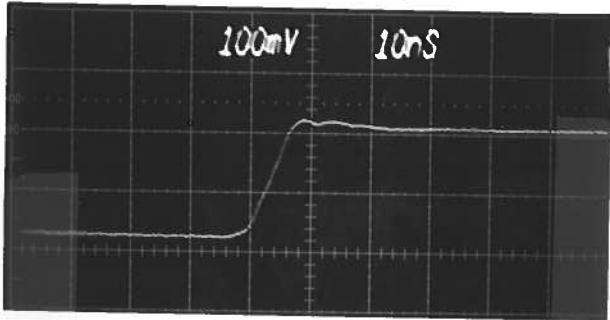
- a) Output signal amplitude:  
*0 TO ± 50 VOLTS*
- b) Pulse width:  
*0.1 TO 5.0 USEC*  
*(DUTY CYCLE ≤ 10%)*
- c) Rise time:  
*≤ 5 NSEC*
- d) Fall time:  
*≤ 5 NSEC*
- e) PRF:  
*50 HZ TO 100 KHZ*  
*(DUTY CYCLE MAX 10%)*
- f) Jitter, stability:  
*OK*
- g) Prime power:  
*120 / 240 ✓*  
*50 - 60 HZ*

PULSE GENERATOR

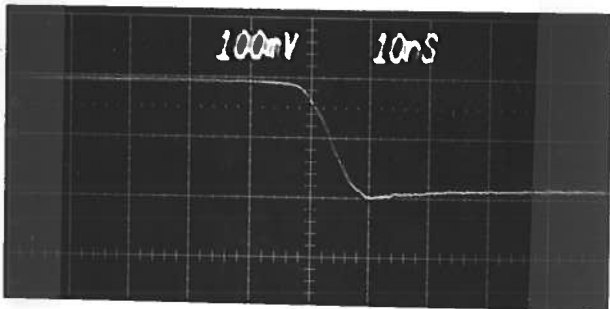
PERFORMANCE CHECK

Model: *AVR-A-2-S1-C-AN*

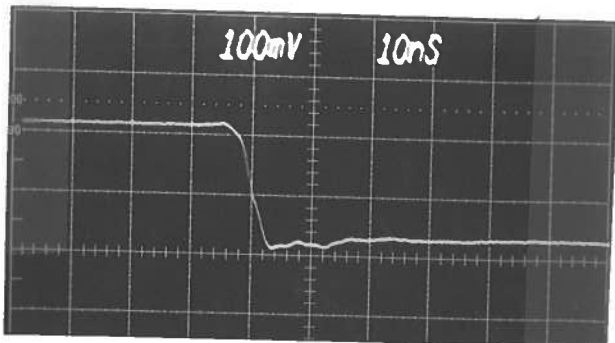
S.N.: *489 CONT.*



ⓐ P<sub>OUT</sub> 50 db ATTEN  
32 VOLTS/DIV  
RISE TIME



ⓑ AS ⓐ BUT  
FALL TIME



ⓒ N<sub>OUT</sub> 50 db ATTEN  
32 VOLTS/DIV  
RISE TIME

a) Output signal amplitude:

b) Pulse width:

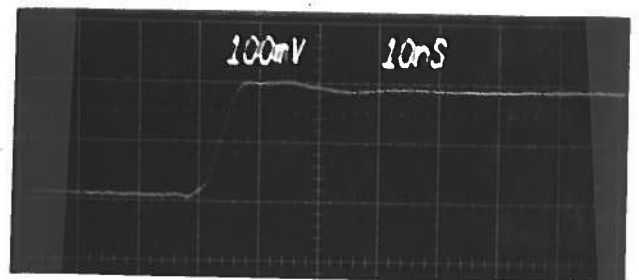
c) Rise time:

d) Fall time:

e) PRF:

f) Jitter, stability:

g) Prime power:



ⓓ AS ⓐ BUT  
FALL TIME