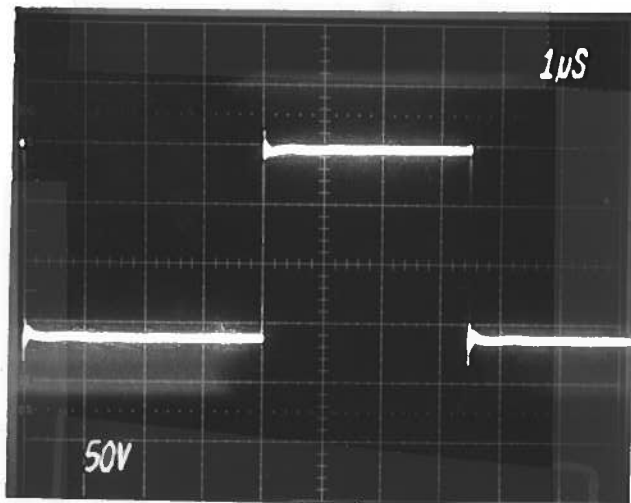


PULSE GENERATOR
PERFORMANCE CHECK

Model: *AVR-62-C-P-05-HA1*

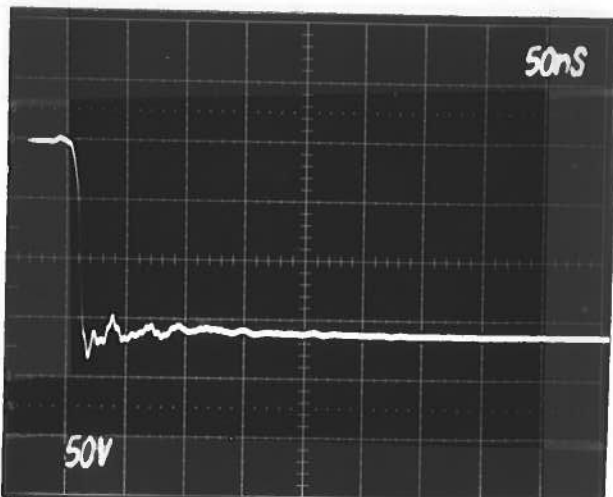
S.N.: *5682*

Date: *NOV 15 1990*

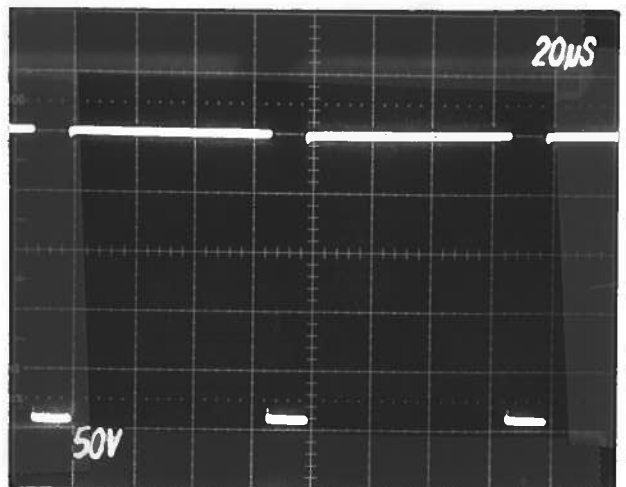


- a) Output signal amplitude:
0 TO + 250 VOLTS
- b) Pulse width: *TO $R_L \geq 250K$.
0.1 μ S TO 100 MS*
- c) Rise time: *(90% MAX DUTY CYCLE)
 ≤ 10 NS*
- d) Fall time:
 ≤ 20 NS
- e) PRF: *0 TO 128 KHz
(90% MAX DUTY CYCLE)*
- f) Jitter, stability:
6K
- g) Prime power:
*120/240 V,
50-60 Hz*

Ⓐ PRF ≈ 128 KHz
AMP ≈ 250 VOLTS ($R_L = 250K$)
OFFSET ≈ 80 VOLTS



Ⓑ AS Ⓐ BUT 50 NS/DIV
(FALL TIME)



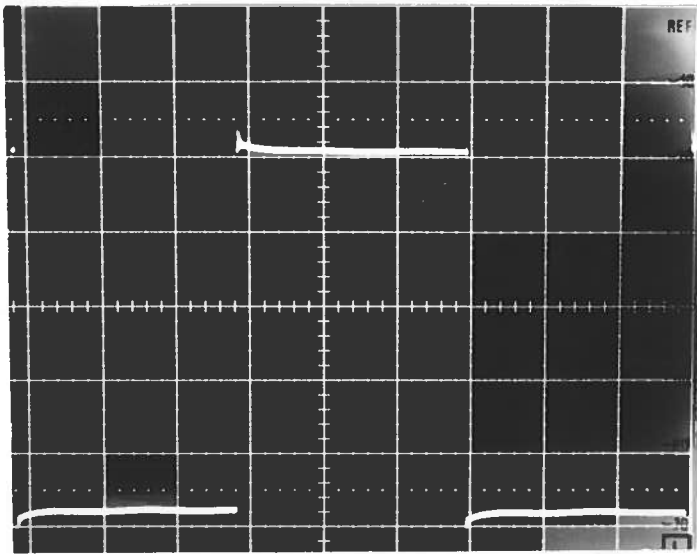
Ⓒ PRF ≈ 12 KHz
AMP ≈ 250
OFFSET = 0 V

PULSE GENERATOR
PERFORMANCE CHECK

Model: *APR-62-C-P-05-17A1*

S.N.: *5682 (MOD)*

Date: *FEB 19 1991*



- a) Output signal amplitude:
0 TO +250 VOUT
- b) Pulse width:
TO $R_L \geq 250 K^$*
- c) Rise time:
0.1 μ S TO 100 nS
(90% MAX DUTY CYCLE)
- d) Fall time:
 $\leq 10 nS$
- e) PRF:
0 TO 128 KHz
(90% MAX DUTY)
- f) Jitter, stability:
OK
(CYCLE)
- g) Prime power:
120 / 240 V
50 to 60 Hz

2 μ S/DIV
50 VOLTS/DIV

(INTRA PULSE SINK CURRENT SET AT 10 mA)

W) PROP DELAY (EXT TRIG)
200 nS TO ≈ 1000 S,
TRIGS ON FALLING EDGE.

** WILL SINK AT LEAST 10 mA DURING INTRA PULSE INTERVAL (AT LOW VOLTAGE)*