

PULSE GENERATOR  
PERFORMANCE CHECK

Model: AV-1015-C

S.N.: 9699

Date: FEB 6 2001

- a) Output signal amplitude:  
0 TO  $\pm 50$  VOLTS TO
- b) Pulse width:  $R_L \geq 50 \Omega$   
20 NS TO 10 MS  
(25% MAX DUTY CYCLE)
- c) Rise time:  
 $\leq 10$  NS
- d) Fall time:  
 $\leq 10$  NS
- e) PRF: 0 TO 10 MHz.  
(25% MAX DUTY CYCLE)
- f) Jitter, stability:  
OK
- g) Prime power:  
120/240V  
50-60 Hz.



(A)

9699

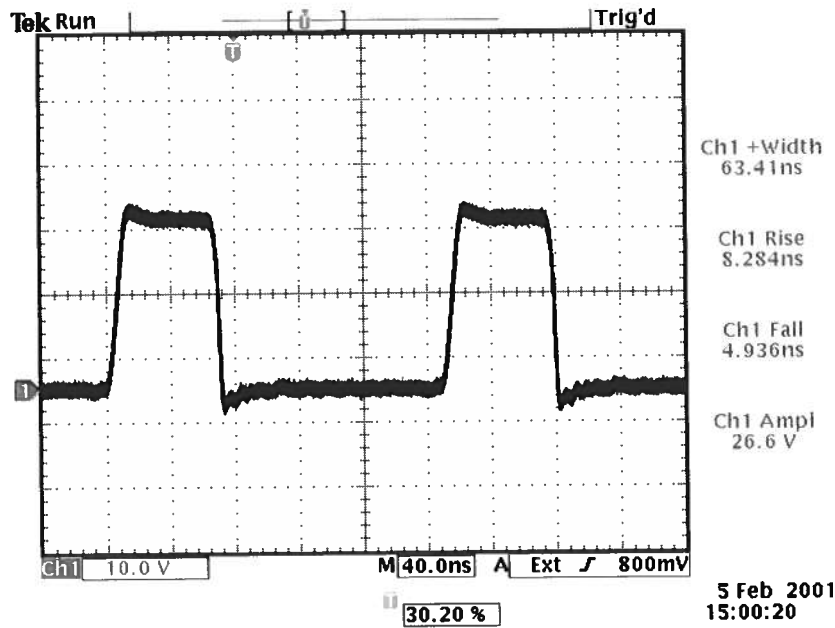
$P_{out}$

$P_{AIF} \approx 5 \text{ mW}$

$R_L = 50 \Omega$

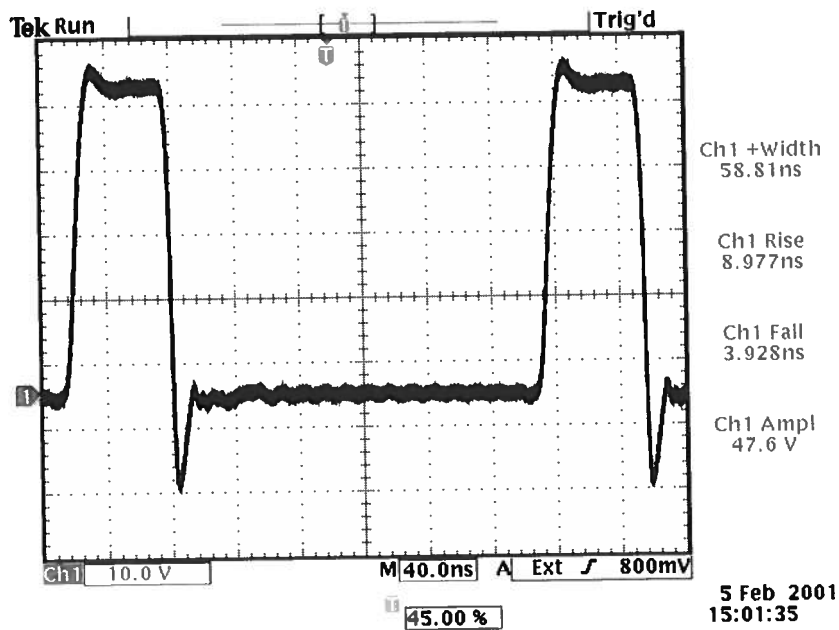
25 V RANGE

$\therefore R_{out} = 50 \Omega$



(B)

9699 P out  
SIMILAR TO (A) BUT  
50 V RANGE (Rout  $\approx$  2  $\Omega$ )



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9699 N OUT  
PRF LOW  
PW WIDE  
 $R_L = 50 \Omega$   
25 V RANGE  
 $R_{out} = 50 \Omega$

