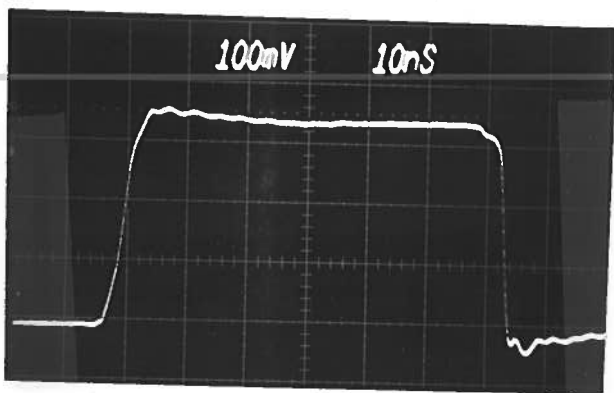


PULSE GENERATOR
PERFORMANCE CHECK

Model: AVR-B3-C-P-EA

S.N.: 4834

Date: March 9, 1989

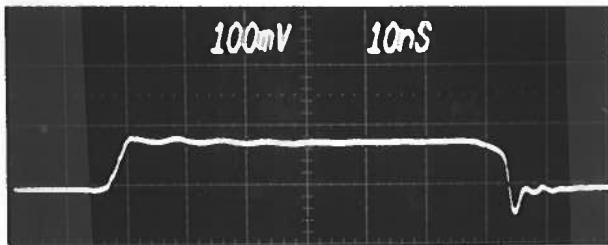


- a) Output signal amplitude:
0 to +100 volts to 50 ohms
- b) Pulse width:
20 to 200 nsec
- c) Rise time:
 ≤ 5 nsec
- d) Fall time:
 ≤ 5 nsec
- e) PRF:
0 to 20 KHz
- f) Jitter, stability:
0 K
- g) Prime power:
120/240V
50-60 Hz
- h) Prop. Delay:
 30 ± 1.0 nsec
- i) Gain:

$$V_{out} = 100 \pm 1.0 \text{ volt}$$

$$\text{For } V_{EA} = 10.0 \text{ volts}$$

1) 50 db attenuation
 $\therefore \approx 32$ volts/div
PRF = 20 KHz



2) As 1) but $V_{out} \approx 20$ volts



3) 40 db attenuation
 $\therefore \approx 5$ volts/div