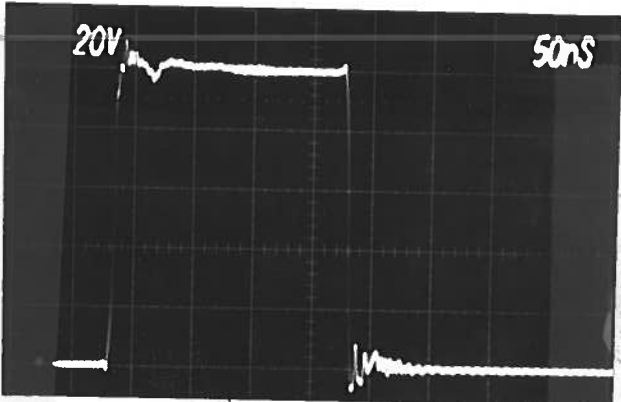


PULSE GENERATOR
PERFORMANCE CHECK

Model: *ARK B.3-C-P-6A*

S.N.: *4607*

Date: *NOV 11 88*



- a) Output signal amplitude:
0 TO +100 VOLTS
- 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:
OK
- g) Prime power:
120/240 V
50-60 Hz

Ⓐ $R_c = 50 \Omega$
PRF = 20 KHz
 $V_{out} = 9.7 \text{ VOLTS}$



Ⓑ 60 db ATTEN
100 VOLTS/DIV
 $R_c = 50 \Omega$
 $V_{out} = 9.7 \text{ VOLTS}$
PRF = 20 KHz

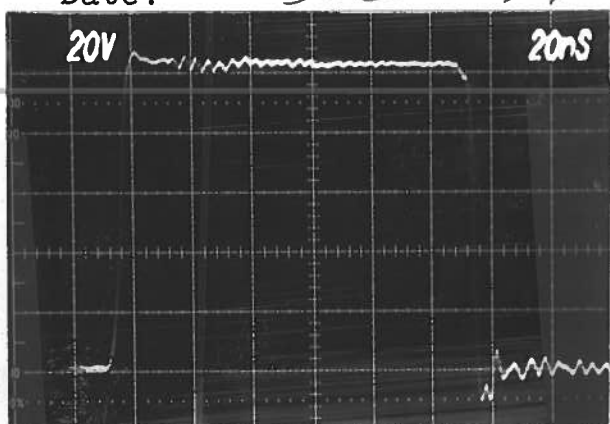
- h) PROPAGATION DELAY
30 ± 1.0 NSEC.
- i) GAIN
 $V_{out} = +100 \pm 1.0 \text{ VOLT PEAK}$
 $V_{in} = +9.7 \text{ VOLTS.}$

PULSE GENERATOR
PERFORMANCE CHECK

Model: *AVR-B3-C-P-1A*

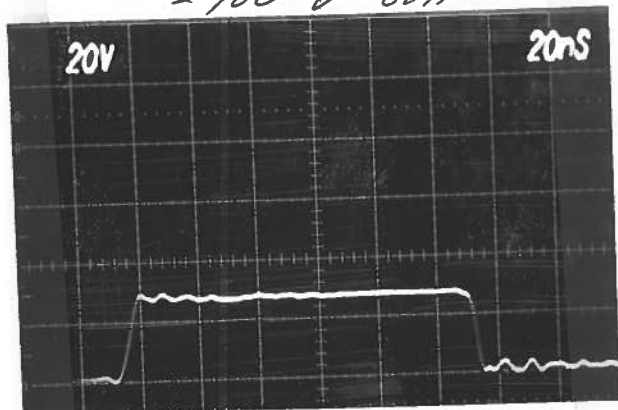
S.N.: *4607 (MOD)*

Date: *DEC 14 88*

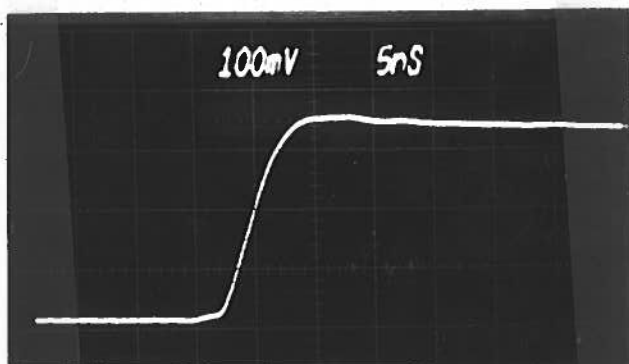


- a) Output signal amplitude:
- b) Pulse width:
- c) Rise time:
- d) Fall time:
- e) PRF:
- f) Jitter, stability:
- g) Prime power:

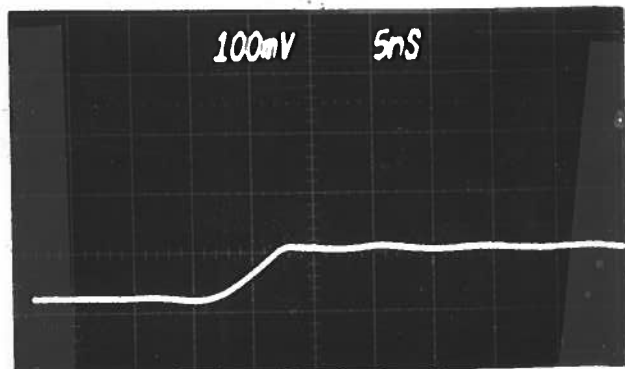
Ⓐ $R_L = 50\Omega$ 200 MHz BW
 ≈ 100 V OUT



Ⓑ AS Ⓐ BUT ≈ 30 V OUT



Ⓒ $R_L = 50\Omega$ 22.0 GHz BW
 ≈ 100 V OUT



Ⓓ AS Ⓒ BUT
 ≈ 30 V OUT