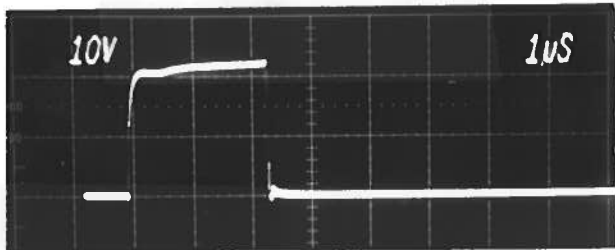


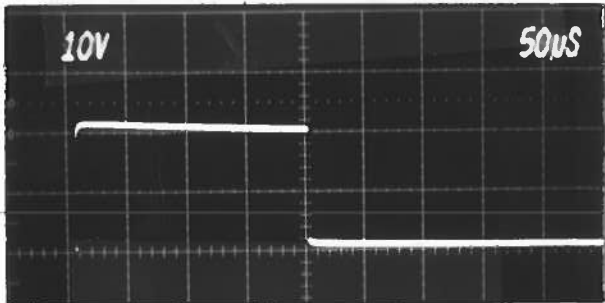
PULSE GENERATOR
PERFORMANCE CHECK

Model: *APV-7A-CPN-EA-EW*
 S.N.: *5249*
 Date: *DEC 6 1989*



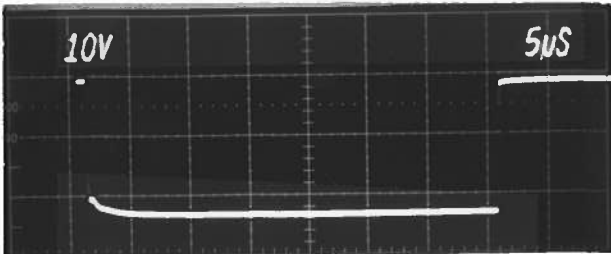
Point

R_i = 0.5Ω
PRF = 1 kHz



Point

R_i = 0.5Ω
PRF = 50 MHz



Point

R_i = 0.5Ω
PRF = 300 MHz

- a) Output signal amplitude: *0 TO ±40 AMPS TO*
- b) Pulse width: *0.5 μs*
0.2 TO 200 μs
- c) Rise time: *≤ 100 nsec*
- d) Fall time: *≤ 100 nsec*
- e) PRF: *MAX PW: 0 TO 50 MHz*
PW ≤ 10 μs: 0 TO
- f) Jitter, stability: *1 kHz*

OK

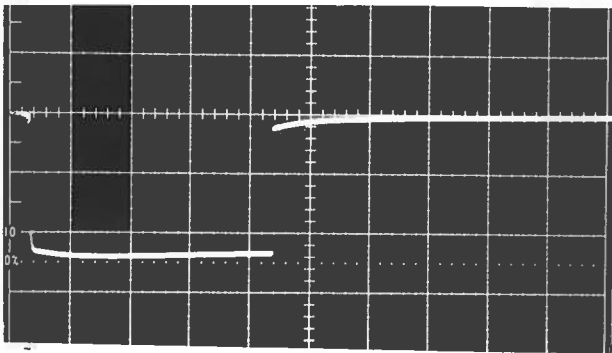
- g) Prime power: *120/240 V*
50-60 MHz

PULSE GENERATOR
PERFORMANCE CHECK

Model:

S.N.: 5249 CONT

Date:



a) Output signal amplitude:

b) Pulse width:

c) Rise time:

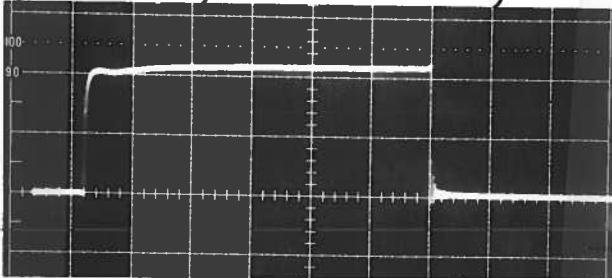
d) Fall time:

e) PRF:

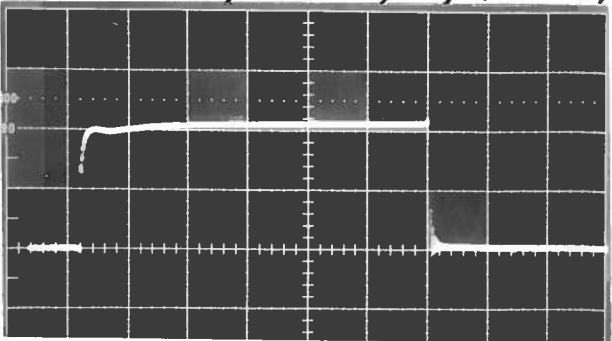
f) Jitter, stability:

g) Prime power:

ⓑ) AVD-7A-P6-N MODULE
 $R_L = 0.5 \Omega$, 10 VOLTS/DIV, 50 US/DIV



ⓒ) AVD-7A-P6-P MODULE
 $R_L = 1.0 \Omega$, 10 VOLTS/DIV, 1.0 US/DIV



ⓓ) AS ⓒ BUT $\approx 12''$ OF AV-L22
WIRE PLACED BETWEEN $R_L = 1.0 \Omega$
AND MODULE OUT TERMINALS
(AS SHIPPED)

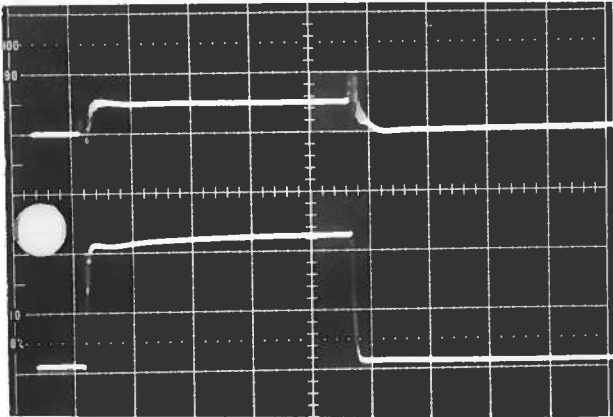
PULSE GENERATOR

PERFORMANCE CHECK

Model: AVO-7A-C-PN-6A-EW

S.N.: 5249

Date: MAX 2 1993



MONITOR TO
50 Ω
500 mV/DIV
1.0 μS/DIV

LOAD
VOLTAGE
10 VOLTS/DIV
1.0 μS/DIV

- a) Output signal amplitude:
0 TO ±20 VOLTS TO $R_L = 0.5 \Omega$
(± 40 AMPS)
- b) Pulse width:
0.2 TO 200 μS
- c) Rise time:
≤ 100 NS
- d) Fall time:
≤ 100 NS
- e) PRF: 0 TO 1 KHz
(1% MAX DUTY CYCLE)
- f) Jitter, stability:

OK

- g) Prime power:
120/240 VOLTS
50-60 Hz.

(A)

AVO-7A-PG-P-M MODULE

$R_L = 1.0 \Omega$ (AS SHIPPED)

MONITOR FACTOR

500 mV = 40 AMP

12.5 mV / AMP