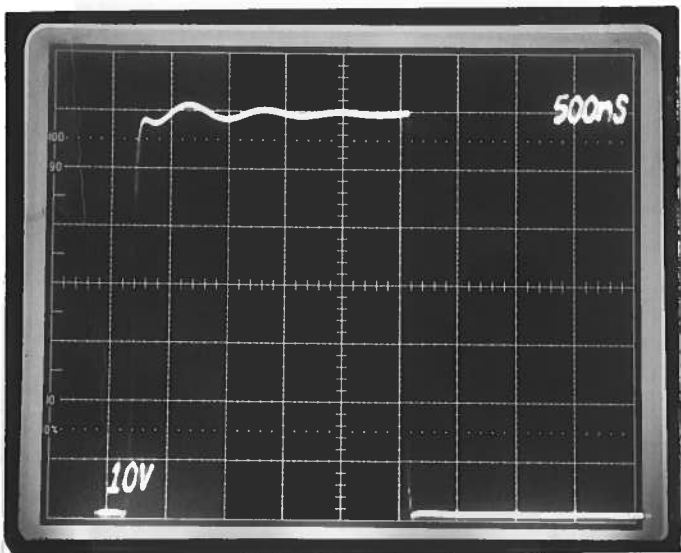


PULSE GENERATOR
PERFORMANCE CHECK

Model: *AV-107B-PS-P-CA-EW-F01C31*

S.N.: *7407*

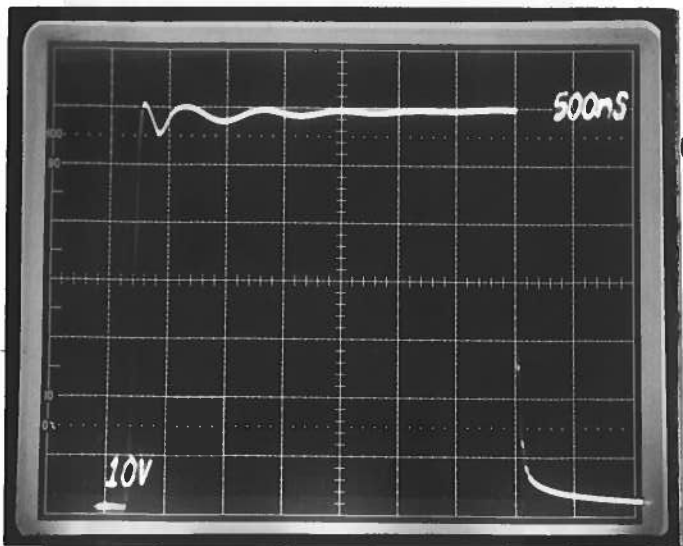
Date: *SEPT 13 1995*



- a) Output signal amplitude:
*0.25 mA TO 2500 mA
(TO 0 TO +100 VOLTS)*
- b) Pulse width:
*0.2 TO 200 μ S
(4% MAX DUTY CYCLE)*
- c) Rise time:
*30 NS MIN
(MAX CURRENT)*
- d) Fall time:
*30 NS MIN
(MAX CURRENT)*
- e) PRF:
*0 TO 20 KHz,
(4% MAX DUTY CYCLE)*
- f) Jitter, stability:
OK

① *R_L = 25 Ω , CONNECTED DIRECTLY TO PCB TERMINAL OF -76 MINIVOLT. I_{OUT} NEAR 100 mA.*

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



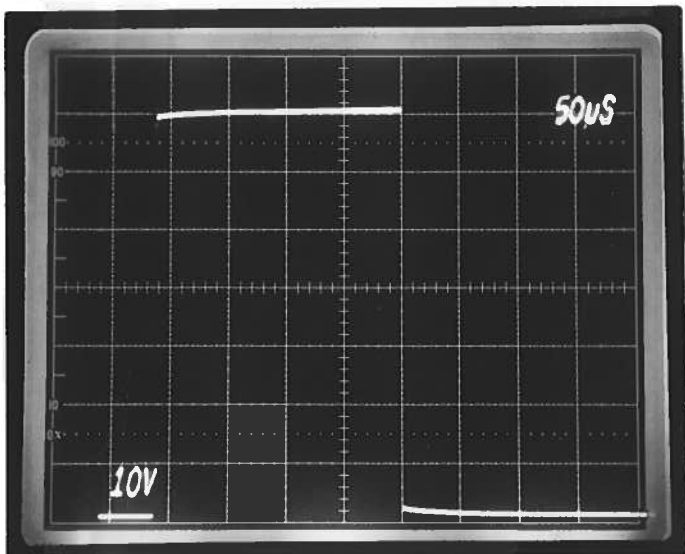
② *AS PER ① BUT 2 METERS OF 50 Ω CABLE BETWEEN LOAD + PCB TERMINAL.*

PULSE GENERATOR
PERFORMANCE CHECK

Model:

S.N.: 7807 CONT

Date:



a) Output signal amplitude:

b) Pulse width:

c) Rise time:

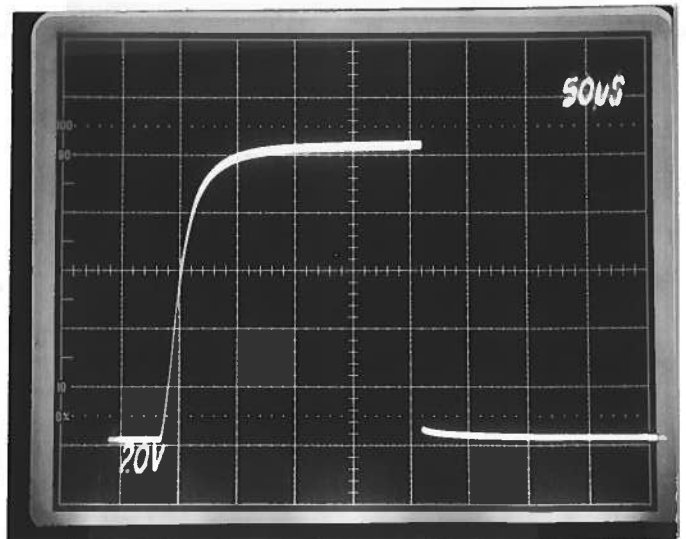
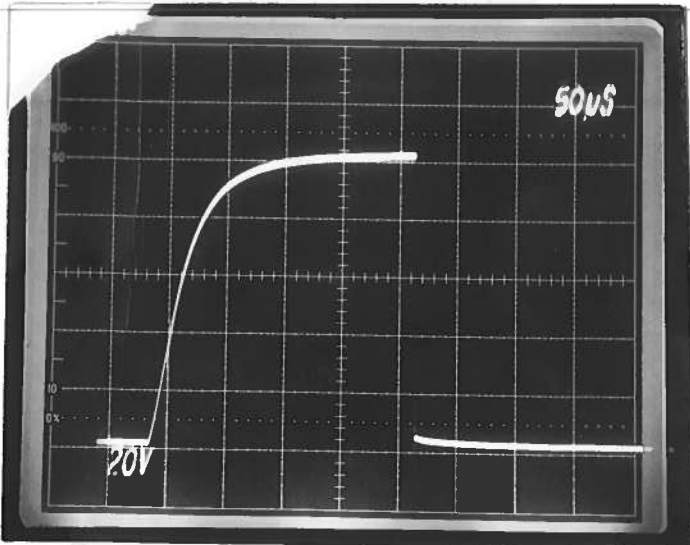
d) Fall time:

e) PRF:

f) Jitter, stability:

g) Prime power:

③ AS ② BUT PW INCREASED TO = 200 US (+IRF REDUCED)



④ AS ③ BUT R_L CHANGED TO 40K AND I_{OUT} SET TO ≈ 2.5 mA

⑤ AS ④ BUT 2 METER CAPACITOR ADJUSTED. NOTE DECREASE OF RISE TIME.