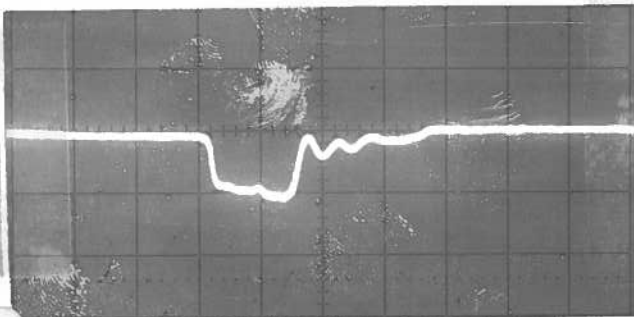


PULSE GENERATOR  
PERFORMANCE CHECK

Model: AVN-5-1-N

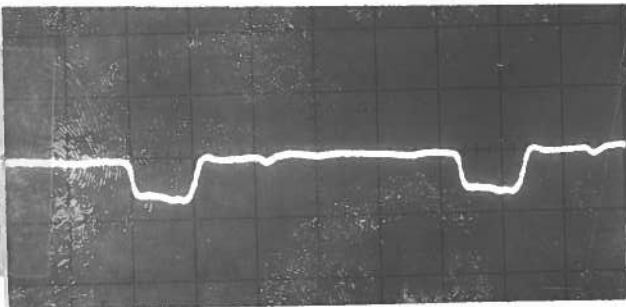
S.N.: 1340

Date: JULY 7 83



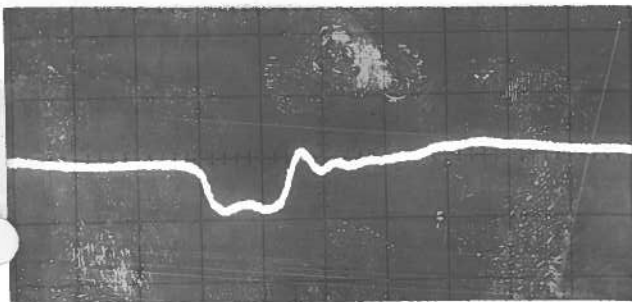
① 100 MHz  
1.0 nsec/div  $V_{in} = 1.0 V_{rms}$   
10 Volts/div  
 $R_L = 50 \Omega$

- a) Output signal amplitude:  
0 TO  $\approx 10 V$  TO \*
- b) Pulse width: 50 OHMS  
0.2 to 2.0 nsec
- c) Rise time:  
 $\leq 100 psec$
- d) Fall time:  
 $\leq 135 psec$   
(DEGRADED FOR  $10 \mu s \rightarrow 2 n$ )
- e) PRF:  
50 TO 250 MHz.
- f) Jitter, stability:  
OK
- g) Prime power:



② 200 MHz.  
AS ①

$+24 \pm 1.0 V$   
500 mA (MAX)



- h) DRIVE REQUIRED:  
 $\approx 1.0 V_{rms}$  TO  
ACHIEVE 10 VOLTS  
OUT.

③ AVN-5-1 PLUS MV-M3-S-T  
TO 12.5 OHM LOAD.  
100 MHz  
1.0 nsec/div  
5 Volts/div