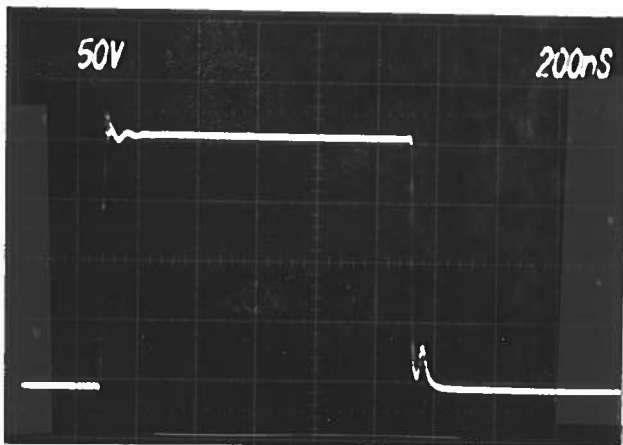


PULSE GENERATOR  
PERFORMANCE CHECK

Model: ARK-A1-DW-C-PN-TR1

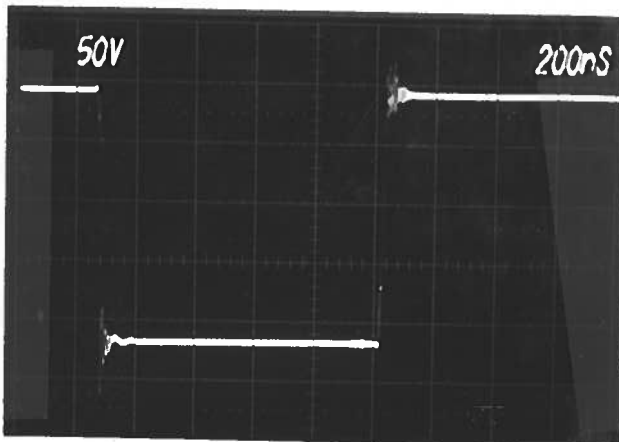
S.N.: 4495

Date: JAN 19 89



- a) Output signal amplitude:  
0 TO  $\pm 200$  VOLTS
- b) Pulse width: TO 50ns  
50 NSEC TO 1.0 USEC
- c) Rise time: (0.5% MAX DUTY CYCLE)  
 $\leq 10$  NSEC
- d) Fall time:  
 $\leq 10$  NSEC
- e) PRF:  
MIN PW: 0 TO 100 KHz  
MAX PW: 0 TO 5 KHz
- f) Jitter, stability: (0.5% MAX DUTY CYCLE)  
OK
- g) Prime power:  
120/240 V,  
50-60 Hz

Ⓐ  $P_{out}$   $R_L = 50\Omega$   
PRF = 5.0 KHz



- h) TR1 OPTION  
PROPAGATION DELAY  
MATCHED TO  $\pm 2$  NSEC,  
TO INCREASE  $T_p$ , ADD  
LENGTHS OF COAX CABLE  
TO TRIGGER LINE.  
( $\approx 1.5$  NSEC/FOOT).

Ⓑ  $N_{out}$   $R_L = 50\Omega$   
PRF = 50 KHz