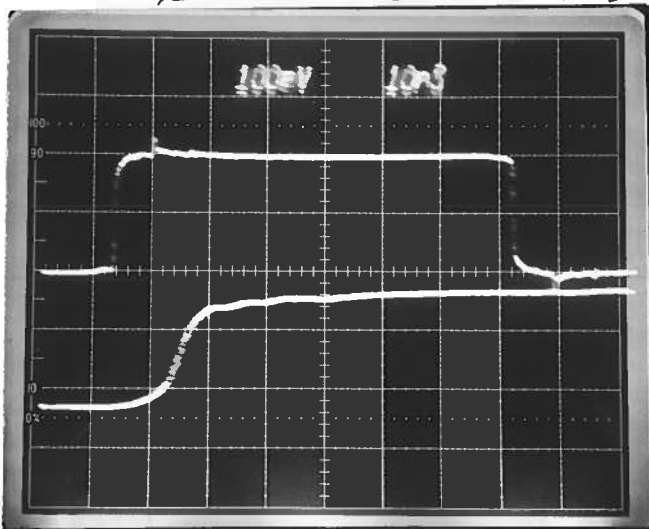


PULSE GENERATOR
PERFORMANCE CHECK

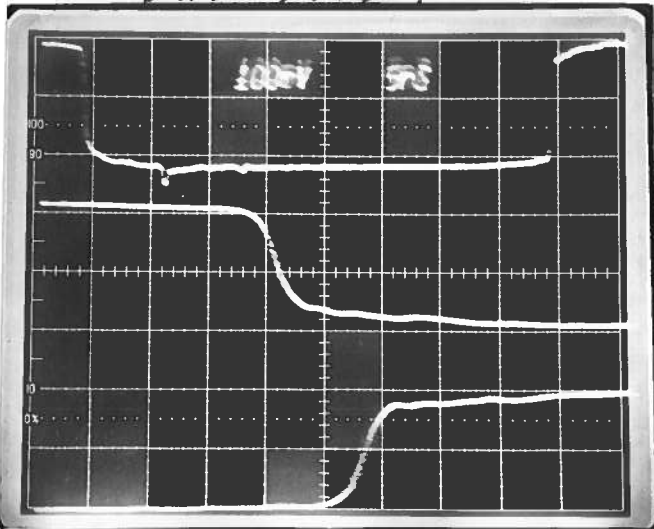
Model: AVIMP-3-C-PN-05 - SSTC

S.N.: 8257

Date: DEC 8 1997

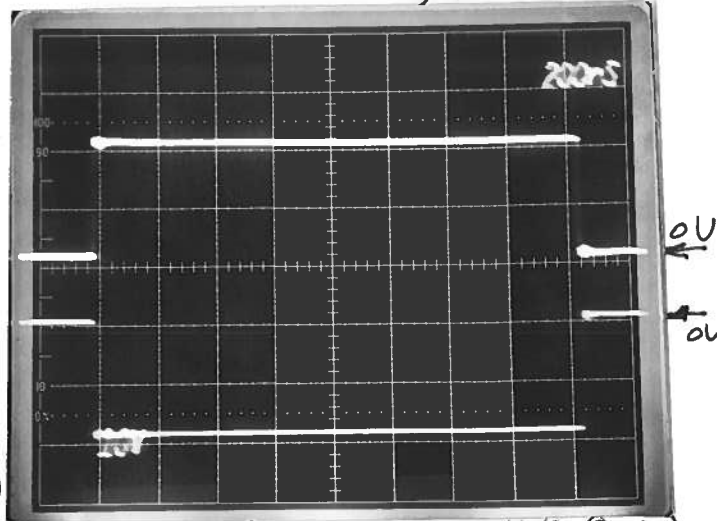


(A)
POINT TOP: 10 VOLTS/DIV, 10 NS/DIV
BOT: 10 VOLTS/DIV, 500 PS/DIV
 (RISE TIME)



(B)
TOP 10 VOLTS/DIV, 5 NS/DIV
MID 10 VOLTS/DIV, 500 PS/DIV
 (RISE TIME)
BOT 10 VOLTS/DIV, 500 PS/DIV

- a) Output signal amplitude:
0 TO ± 20 VOLTS
- b) Pulse width:
20 NS TO 2.0 US
(10% MAX DUTY CYCLE)
- c) Rise time: ≤ 200 PS (NO MODULE)
- d) Fall time: ≤ 250 PS (WITH MODULE)
- e) PRF: ≤ 300 PS
- f) Jitter, stability: 0 TO 1 MHz
(10% MAX DUTY CYCLE)
OK
- g) Prime power: 120/240V
50-60 Hz



(C)
TOP 10 V/DIV, 200 NS/DIV (POT)
BOT 10V/DIV, 200 NS/DIV (NEG)
 RL = 50 Ω, PRF = 50 KHz