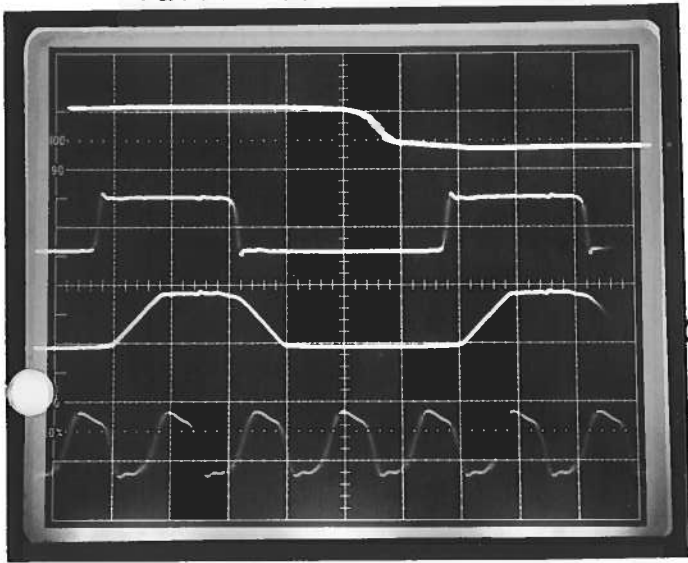


PULSE GENERATOR
PERFORMANCE CHECK

Model: AV-1000-C

S.N.: 7673

Date: JUNE 26 1996



- ① a) Output signal amplitude:
0 TO ±10V, TTL + ECL (+ COMP)
- ② b) Pulse width:
10 NS TO 1.0 MS
- ③ c) Rise time:
5 NS TO 1 MS
- ④ d) Fall time:
5 NS TO 1 MS
- e) PRF: 1 KHz TO 50 MHz.
- f) Jitter, stability: OK

TRACE #1 JITTER CHECK
200 pS/DIV, 5 VOLTS/DIV
AV-1000-C HSOP TO
TRIGGER AVK-AV-PS-N.

TRACE #2 50 NS/DIV, 5 VOLTS/DIV
PRF ≈ 3 MHz, TR, TF
AT MIN. RL = 50 Ω

TRACE #3 HS ③ BUT TR, TF
INCREASED TO ≈ 50 NS

TRACE #4 20 NS/DIV, 5 VOLTS/DIV
PRF ≈ 30 MHz,
TR, TF AT MIN.

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

