

PULSE GENERATOR
PERFORMANCE CHECK

Model: *AV-1000-C*

S.N.: *7907*

Date: *JAN 29 1997*



- a) Output signal amplitude:
0 TO ±10V, TTL + ECL (+ comp.)
- b) Pulse width:
10 NS TO 10 MS
- c) Rise time:
5 NS TO 1 MS
- 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, 10 VOLTS/DIV
AV-1000-C HSOP TO
TRIGGER AVAMP-2P

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

