

PERFORMANCE CHECK RESULTS

Model: **AVL-MA-1**
S.N. : **542**
Date : **JULY 13 81**

a) Output signal amp:

≥ 100 VOLTS

b) Output pulse width:

**6 NSEC
(3 dB)**

c) Rise time:

≤ 700 PSEC

d) Fall time:

≤ 700 PSEC

e) PRF:

0 TO 20 KHZ

**2 NSEC/DIV
100 VOLTS/DIV
4.0 KHZ.**

f) Jitter:

OK

g) Prime power:

***11.0 TO +14 VOLTS (CAN BE REDUCED TO
10.8 IN FUTURE
MODELS)
 $I_{SUPPLY} \leq 65$ MA**

h) Temperature & drift test:

(See following sheet)

**PROP TIME DRIFTED BY 1.5 NSEC (?)
OVER TEMP RANGE OF -30 TO +60°C.
(CAN BE IMPROVED IN FUTURE MODELS)**

i) Drive level:

**TTL LEVELS.
PROP. TIME DRIFT DECREASES
AS DRIVE LEVEL INCREASES
USE HEAVY DRIVE LEVELS
TO STABILIZE. CAN BE IMPROVED
IN FUTURE MODELS.**

