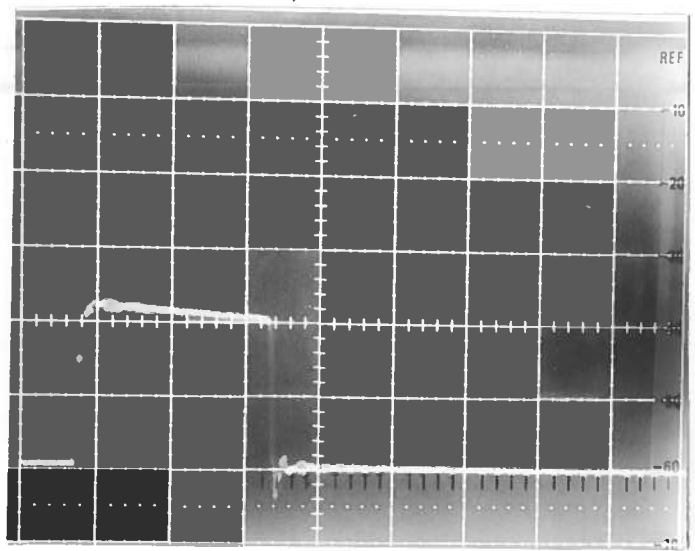


PULSE GENERATOR
PERFORMANCE CHECK

Model: *AV-LDD1-C-P-KMP1*

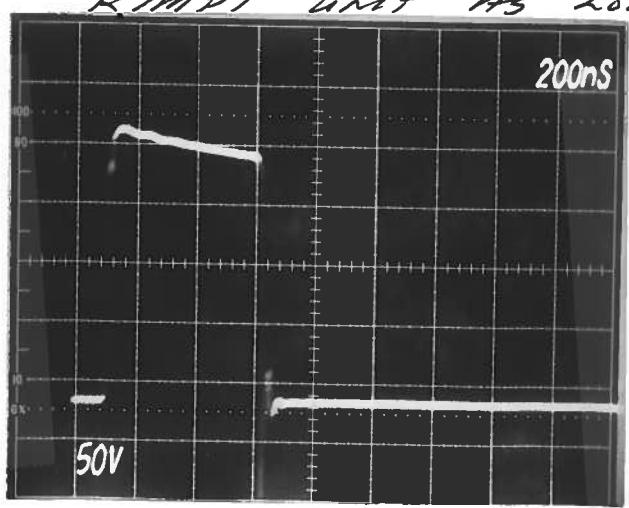
S.N.: *6377*

Date: *AUG 25 1992*



- a) Output signal amplitude:
0 TO + 100 AMPS
- b) Pulse width:
75 NS → 1.0 μS (I = 100 AMP)
- c) Rise time:
75 NS → 3.0 μS (I ≤ 20 AMP)
≤ 20 NS
- d) Fall time:
≤ 20 NS
- e) PRF: *50 Hz TO 5 KHz*
(0.03% MARR)
- f) Jitter, stability: *DUTY CYCLE*
OK
- g) Prime power:
230 VOLTS,
50-60 Hz.
1.5 AMP

ⓐ *CVR OUT TO 50Ω*
5.0 VOLTS/DIV (∴ 100 AMPS)
200 NS/DIV
KMP1 UNIT AS LOAD



ⓑ *VOLTAGE AT INPUT*
TO KMP1 BIAS
INSERTION UNIT.

NOTE 1) PER A+B,
MBR3535 DIODE
MOUNTED IN KMP1
TO SIMULATE LASER
DIODE
2) *+15 AMP DC*
BIAS APPLIED.

[Signature]