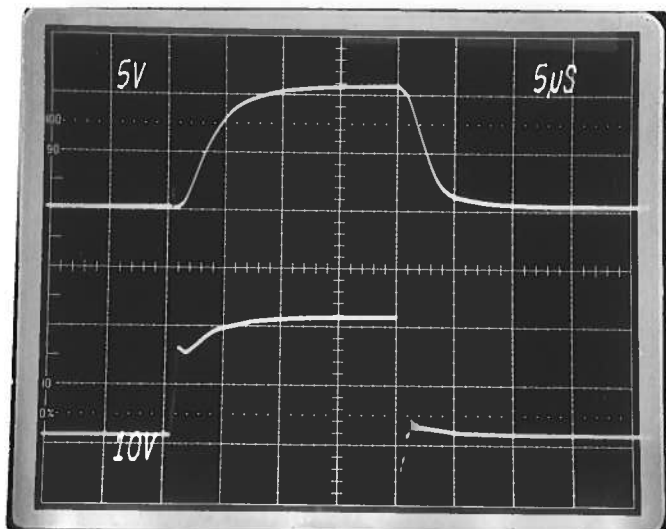


PULSE GENERATOR
PERFORMANCE CHECK

Model: *PN0-7B2-C-P-M-L1A*

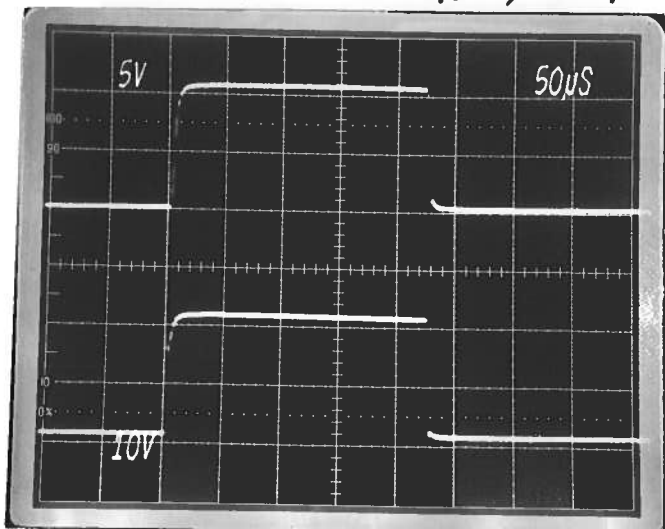
S.N.: *8645*

Date: *JAN 28 1999*



- a) Output signal amplitude:
 $P6A: 0 \text{ TO } +500 \text{ AMPS}$
 $P6B: 0 \text{ TO } +125 \text{ AMPS}$ } $R_L \leq 5m$
- b) Pulse width:
 $20 \mu\text{S TO } 200 \mu\text{S}$
 $DUTY \text{ CYCLE} \leq 0.1\%$
- c) Rise time:
 $P6A: \leq 10 \mu\text{S}$
 $P6B: \leq 0.9 \mu\text{S}$
- d) Fall time:
 $10 \mu\text{S TR.}$
- e) PRF: $0 \text{ TO } 50 \text{ KHz}$
 $DUTY \text{ CYCLE MAX } 0.1\%$
- f) Jitter, stability:
 10%
- g) Prime power: $120/240 \text{ V, } 50-60 \text{ Hz}$

Ⓐ PG A TOP: I_{MON}
 $5 \text{ V/DIV, } 5 \mu\text{S/DIV}$
 PRF = 50 赫兹 BOT: V_{MON}
 $10 \text{ V/DIV, } 5 \mu\text{S/DIV}$



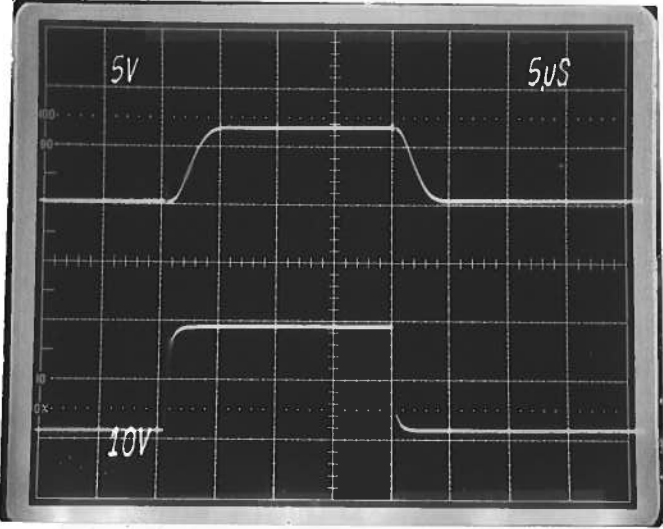
Ⓑ PG A TOP: $I_{MON}, 5 \text{ V/DIV, } 50 \mu\text{S/DIV}$
 BOT: $V_{MON}, 10 \text{ V/DIV, } 50 \mu\text{S/DIV}$
 PRF = 5 KHz

PULSE GENERATOR
PERFORMANCE CHECK

Model:

S.N.: 8645 0007

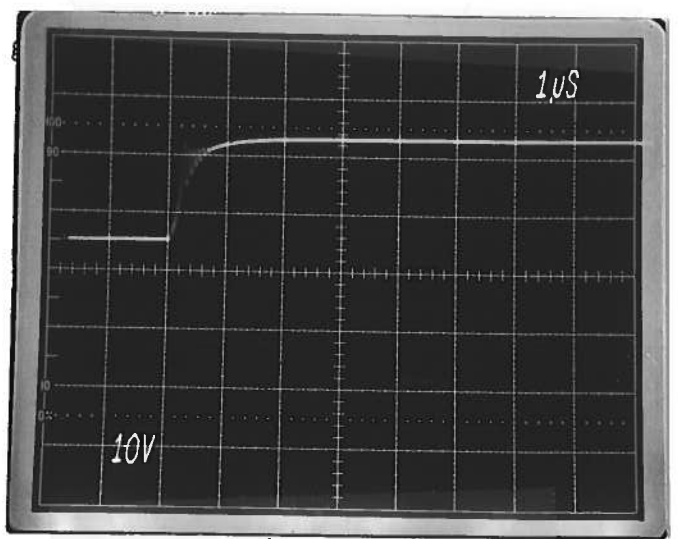
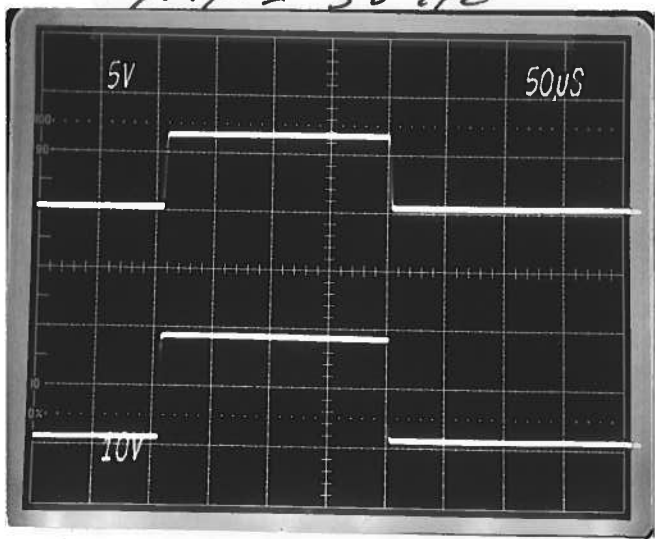
Date:



- a) Output signal amplitude:
- b) Pulse width:
- c) Rise time:
- d) Fall time:
- e) PRF:

Ⓢ PGB TOP: I_{mon} , 5V/DIV, 5 μ S/DIV
 BOT: V_{mon} , 10V/DIV, 5 μ S/DIV
 PRF = 50 KHz

Jitter, stability:



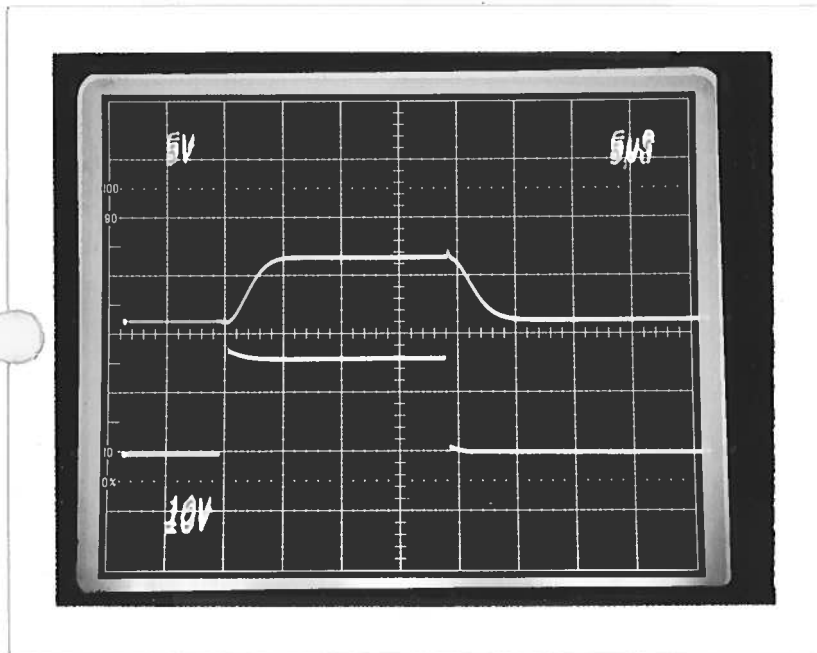
Ⓢ PGB TOP: I_{mon} , 5V/DIV, 50 μ S/DIV
 BOT: V_{mon} , 10V/DIV, 50 μ S/DIV
 PRF = 50 KHz
 Ⓢ PGB V_{mon} 10V/DIV, 1.0 μ S/DIV
 RISE TIME
 ALL WAVEFORMS OBTAINED WITH LOW R_g LOW L

PULSE GENERATOR
PERFORMANCE CHECK

Model:

S.N.: 8645 CONT.

Date:

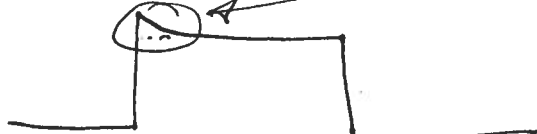


- a) Output signal amplitude:
- b) Pulse width:
- c) Rise time:
- d) Fall time:
- e) PRF:
- f) Jitter, stability:
- g) Prime power:

① PGB WITH
EXCEPTIONAL LONG
SHORTING BAR
(30 cm x 1 cm).

TOP IMON.

BUT VIMON



THIS INDICATES
LONG INDUCTANCE
(SHORTING BAR) IS
TOO HIGH.