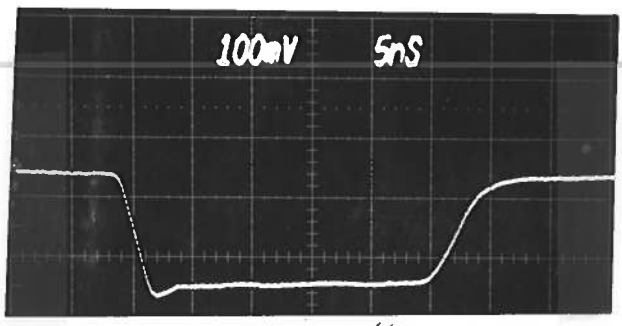


PULSE GENERATOR
PERFORMANCE CHECK

Model: ANRL-1TT7E-05

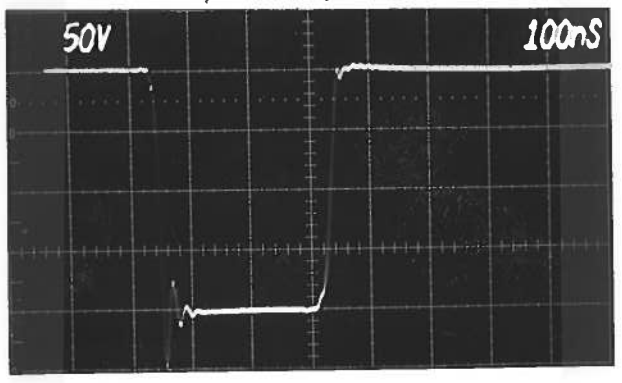
S.N.: 4155

Date: FEB 8 1988



- a) Output signal amplitude:
 - A) -200 V TO 1K
 - B) -200 V TO >1K
- b) Pulse width:
 - A) 5 TO 100 NSEC
 - B) 10 NSEC TO 5 MSEC
- c) Rise time:
 - A) ≤ 3 NSEC
 - B) ≤ 10 NSEC
- d) Fall time:
 - SEE TR
- e) PRF:
 - A) 0 TO 1 KHz
 - B) 0 TO 50 Hz
- f) Jitter, stability:
 - OK
- g) Prime power:
 - 120/240V
 - 50-60 Hz

A OUT ≈ 60 db ATTEN
 ≈ 100 VOLTS/DIV
100 KHz



B OUT $R_L = 10K$
PRF = 1.0 KHz



B OUT $R_L = 10K$
PRF = 50 Hz

- h) OFFSET
 - A) 0 TO ± 50 VOLTS
 - B) 0 TO +50 VOLTS

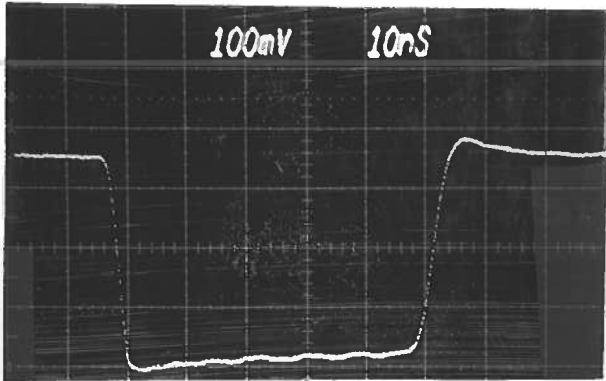
[Handwritten signature]

PULSE GENERATOR
PERFORMANCE CHECK

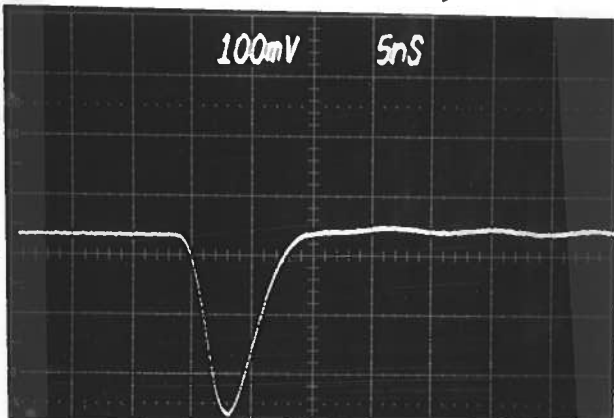
Model: *AMPL-ITT 7E-05-MOD 1*

S.N.: *4155 (MOD)*

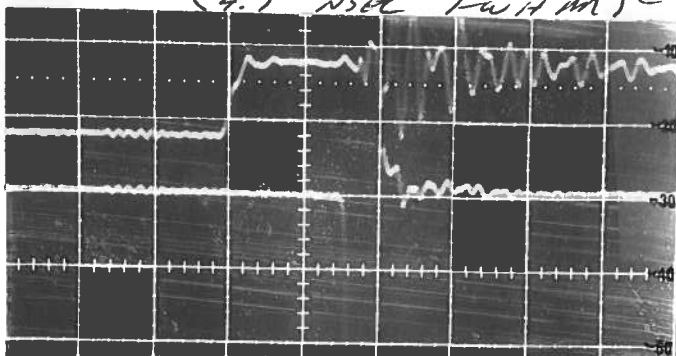
Date: *AMPL 3 '89*



1) *A out 60 db atten
∴ 100 volt/DIV*



2) *A out PW MAIN
100 VOLT/DIV
(7.5 NSEC FWTM)
(4.7 NSEC FWHM) @ 300V*



3)

- a) Output signal amplitude:
A out : ± 320 VOLTS
- b) Pulse width:
B out : ≈ -215 VOLTS
A out : 7.5 TO 8.0 NSEC (FWT)
- c) Rise time:
B out : 80 NSEC TO 5.0 MSEC
A out : < 3 NSEC
- d) Fall time:
B out : ≤ 10 NSEC
A out : ≤ 3 NSEC
- e) PRF:
B out : ≤ 20 NSEC
A out : 0 TO 4 KHZ
- f) Jitter, stability:
B out : 0 TO 50 Hz
DIC
- g) Prime power:
120/240V, 50-60 Hz
- h) PROP DELAY (AT 20% poi.
NO CABLES)
A : ≤ 80 NSEC
B : ≤ 80 NSEC

← TRIG IN

← PULSE OUT

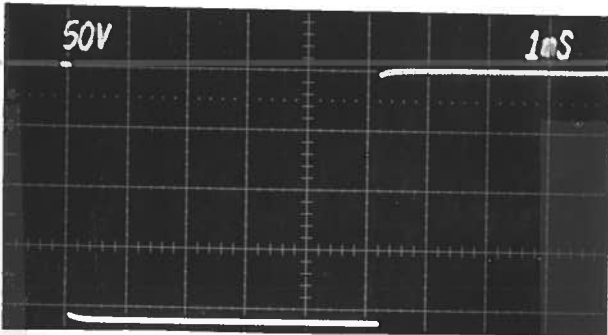
*t_{pk} ≈ 78 NSEC
(20% RISE POINTS,
NO CRT CABLES)*

PULSE GENERATOR
PERFORMANCE CHECK

Model:

S.N.: 4155 MOD CONT

Date:



a) Output signal amplitude:

b) Pulse width:

c) Rise time:

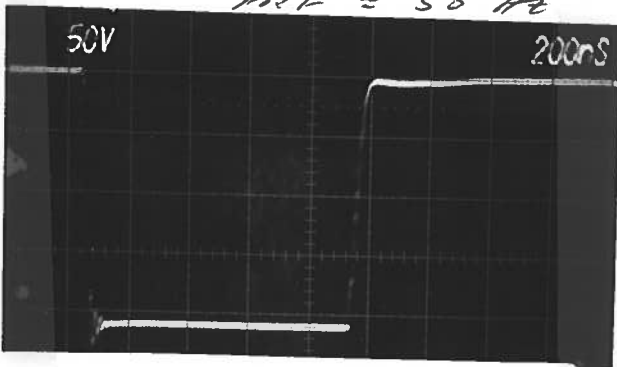
d) Fall time:

e) PRF:

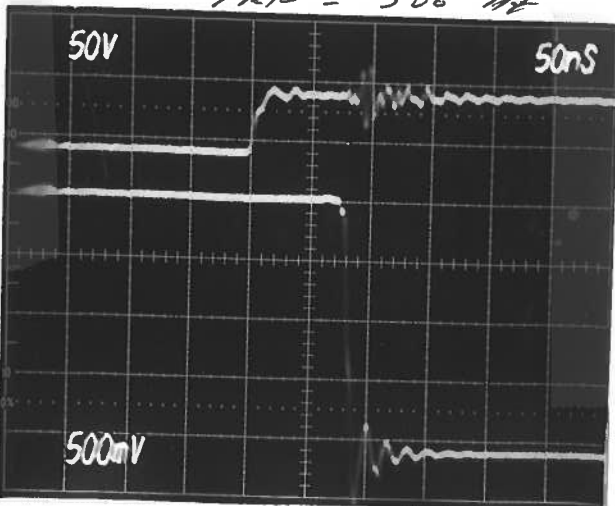
f) Jitter, stability:

g) Prime power:

4) B out $R_L = \text{OPEN CCT.}$
PW MAX
PRF = 50 Hz



5) B out $R_L = \text{OPEN CCT.}$
PW NEAR MIN
PRF = 500 Hz



TRIG $t_p \leq 80 \text{ NSEC.}$
(20% RISE POINT)
PULSE OUT.

6)