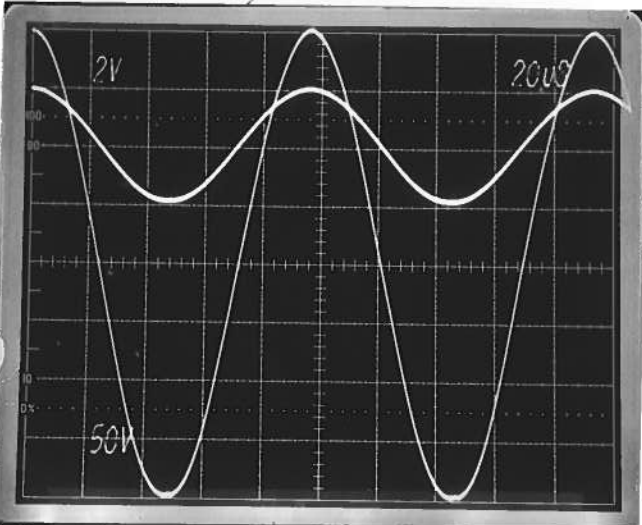


PULSE GENERATOR
PERFORMANCE CHECK

Model: *AV-151B-C*

S.N.: *3997*

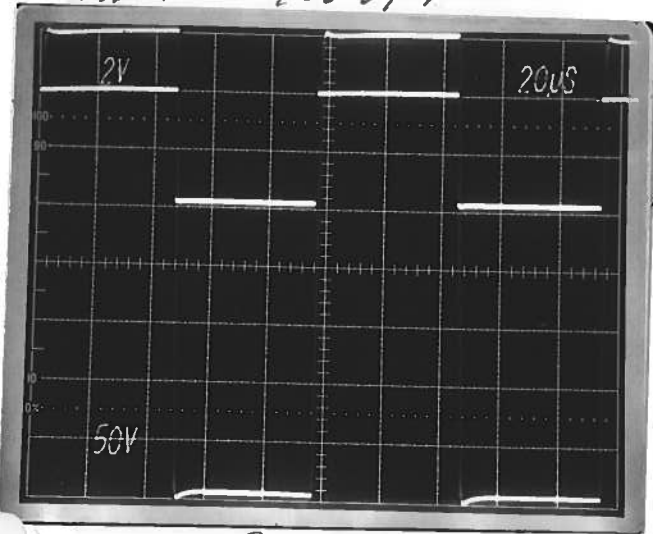
Date: *AUG 19 1999*



INPUT
2V/DIV
OUTPUT
50V/DIV

- a) Output signal amplitude: *0 TO ±200 VOLTS*
- b) Pulse width: *(R_L ≥ 50K)*
SINE, SQUARE, TRIANGLE
+ DC OFFSET
- c) Rise time: *≤ 14ns*
- d) Fall time: *≤ 14ns*
- e) PRF: *0 TO 100 KHz*

① *AMPLIFIER MODE, SINE WAVE:*
INPUT: 4V_{p-p}
OUTPUT: 400V_{p-p}



INPUT
OUTPUT

- f) Jitter, stability: *OK*
- g) Prime power: *120/240V*
50-60 Hz
- h) *CURRENT: X100 mA*
- i) *DC: 0 TO ±150V*

NOTE LOW
OVERSHOOT +
RINGING. OUTPUT
CABLE LENGTH
≤ 1'

② *AMPLIFIER MODE, SQUARE WAVE:*
INPUT: 4V_{p-p}
OUTPUT: 400V_{p-p}

PULSE GENERATOR

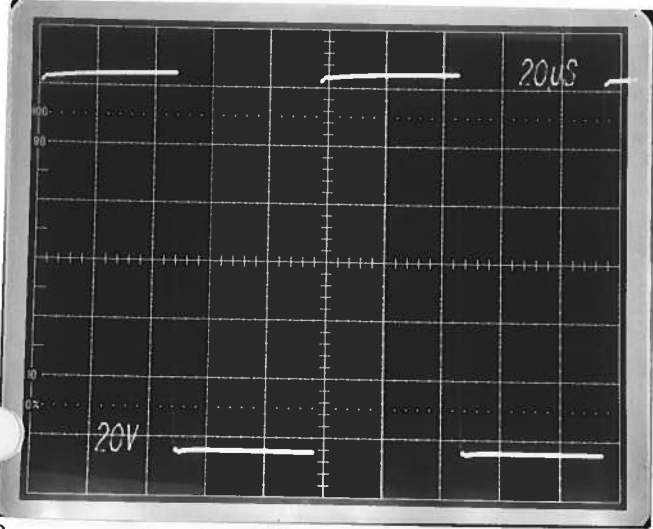
PERFORMANCE CHECK

Model:

S.N.: 8997 COAT

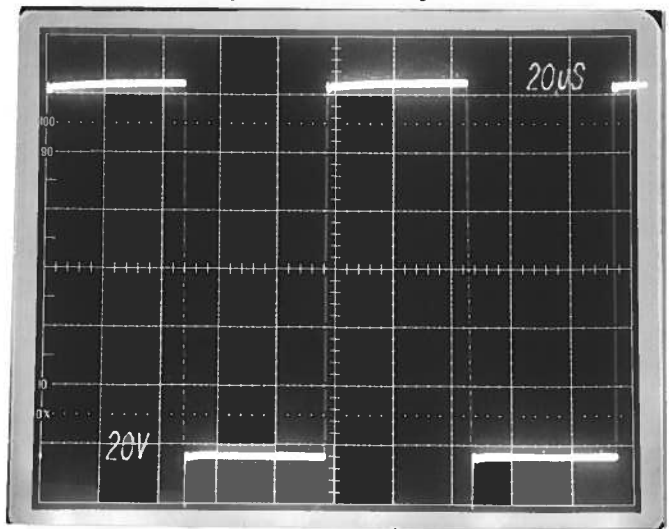
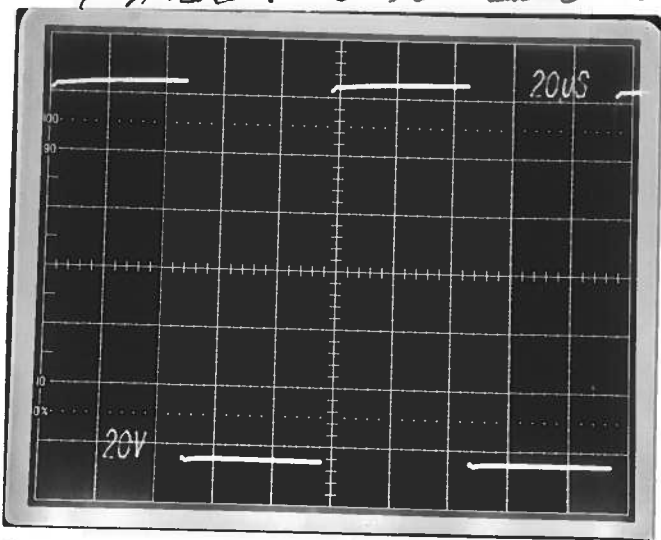
RINNING,
OVERTSHOOT
TESTS

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



③ AMPLIFIER MODE,
≈ 135 V_{pp} OUT. NO OUTPUT e) PRF:
CABLE. NOTE LOW OVERTSHOOT-

- e) PRF:
- f) Jitter, stability:



④ AS ③ BUT 18" OUTPUT CABLE. OVERTSHOOT STILL EXTREMELY LOW.

⑤ AS ③ BUT 6' OUTPUT CABLE NOTE HIGH OVERTSHOOT ON FALLING EDGE.