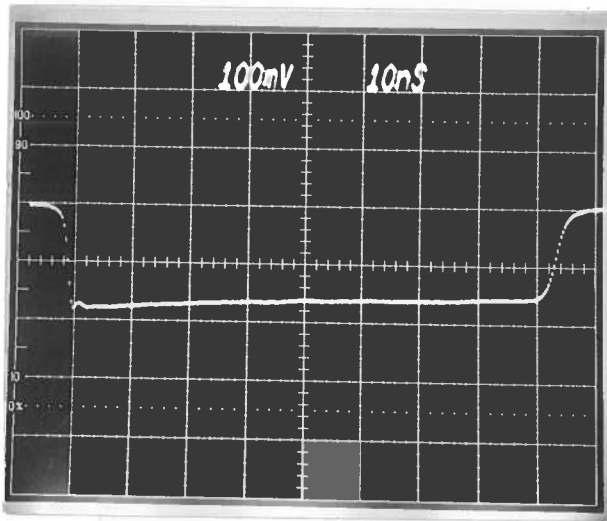


PULSE GENERATOR  
PERFORMANCE CHECK

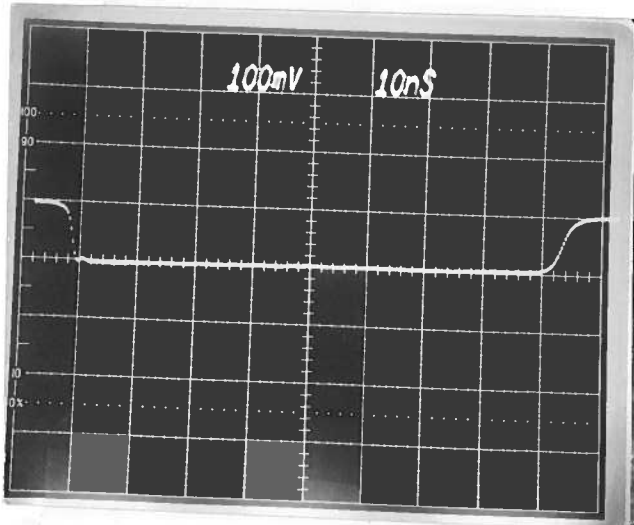
Model: *AVI-U-PS-EA-RUI-N\**

S.N.: *7118*

Date: *DEC 12 1994*



Ⓐ *50 dB ATTN*  
*- - = 32 VOLTS/DIV*  
*AMP NEAR MAX.*  
*PRF = 20 KHz*



Ⓑ *AS Ⓐ BUT AMP*  
*2 MID RANGE*

- a) Output signal amplitude: *0 TO -50 VOLTS*
- b) Pulse width: *LT 50ns*
- c) Rise time: *3 TO 100ns*
- d) Fall time: *≤ 1ns*
- e) PRF: *≤ 3ns*
- f) Jitter, stability: *OK*
- g) Prime power: *120/240V*  
*50-60Hz*

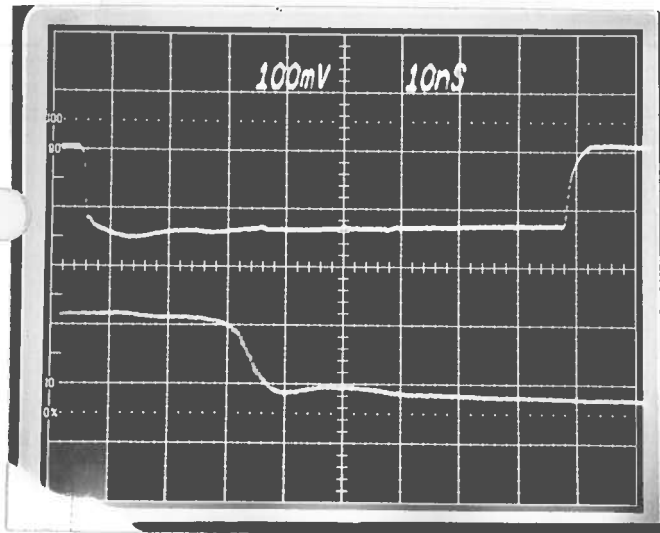
\* *RUI - TDC INCREASES*  
*TO 1NS.*

PULSE GENERATOR  
PERFORMANCE CHECK

Model: *AE-U-PS-CA-RUI-N*

S.N.: *7118 (MOD)\**

Date: *FEB 8 1995*



- a) Output signal amplitude:  
*0 TO -50 V*
- b) Pulse width: *50%  
3 TO 100 NS*
- c) Rise time:  
*≤ 350 PS*
- d) Fall time:  
*≤ 3 NS*
- e) PRF:  
*0 TO 20 KHz*
- f) Jitter, stability:  
*OK*
- g) Prime power:  
*12/240 V  
50-60 Hz*

*50 db ATTEN*

*= 32 VOLTS/DIV*

*TOP 10 NS/DIV*

*BOT 500 PS/DIV  
(RISE TIME)*

*\* CONVERTER TO  
350 PS TR  
FORM 1 NS  
TR.*