



# AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS  
SINCE 1975

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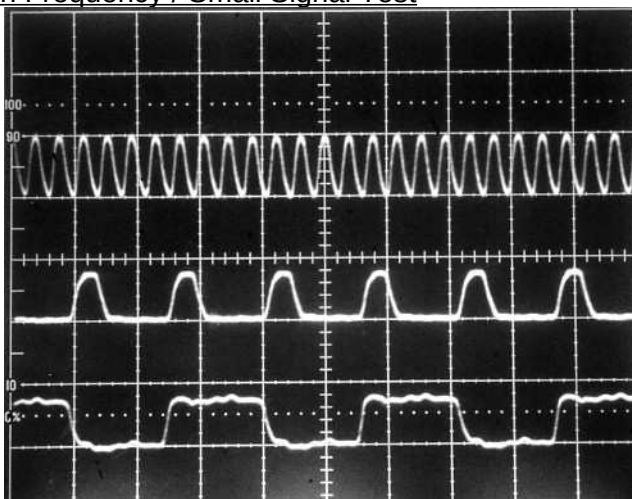
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## PERFORMANCE CHECKSHEET

Model: AVX-FD3-PS-IP  
S.N.: 11427  
Date: February 24, 2006

### High Frequency / Small Signal Test



Top: 250 MHz in, AC mode, 200 mV/div, 10 ns/div.  
Middle: OUT 1 into 50Ω, ECL, ÷4. 1 V/div, 10 ns/div.  
Bottom: OUT 2 into 50Ω, ECL, ÷4. 1 V/div, 10 ns/div.

a) Output Signal Amplitude: ECL to 50Ω to ground, or 50Ω to -2V.

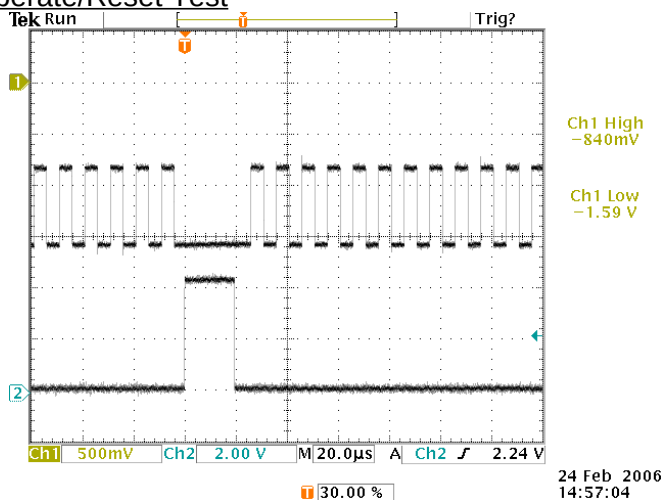
b) Division factor: 0 to 65535

c) PRF: 0 - 250 MHz

d) Jitter, Stability: OK

e) Prime Power: 100-240V AC, 50-60 Hz.

### Operate/Reset Test



Top: OUT, ÷ 2,  $f_{IN} = 200$  kHz, 0.5 V/div, 20 us/div.  
Bottom: RESET input. 2V/div, 20 us/div.