



# AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS  
SINCE 1975

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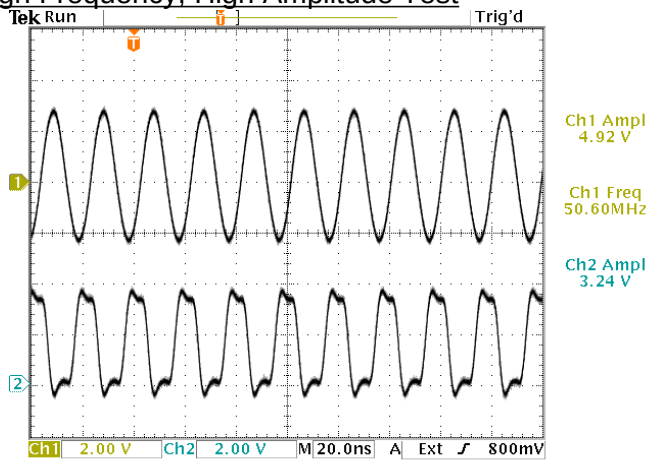
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## PERFORMANCE CHECKSHEET

Model: AVX-SIPB-PS-R5  
S.N.: 10779  
Date: November 28, 2003

### High Frequency, High Amplitude Test

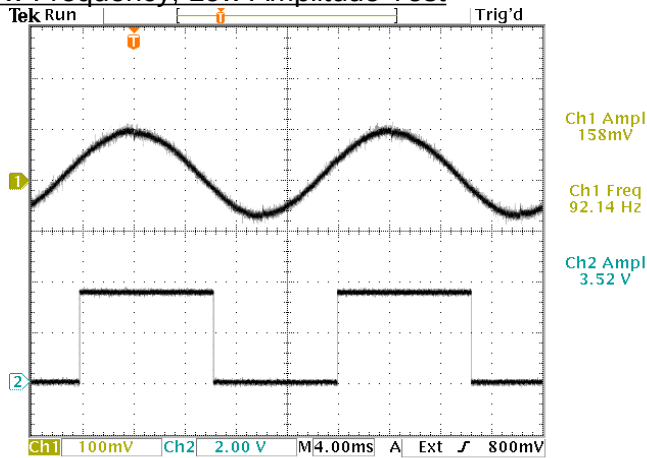


28 Nov 2003  
15:53:52

Top: 50 MHz, 5 V<sub>P-P</sub> sine-wave input.  
Bottom: TTL output into 50Ω.  
Both: 2 V/div, 20 ns/div.

- a) Output Signal Amplitude: TTL,  $R_L \geq 50\Omega$
- b) Input Signal Amplitude: 0.2 to 5.0 Volts peak-to-peak, sine-wave.
- c) Maximum Frequency: 50 MHz
- d) Jitter, Stability: OK
- e) Prime Power: 100-240V AC, 50-60 Hz.

### Low Frequency, Low Amplitude Test



28 Nov 2003  
15:49:42

Top: 50 Hz, < 0.2 V<sub>P-P</sub> sine-wave input. 100 mV/div.  
Bottom: TTL output into 50Ω. 2 V/div.  
Both: 4 ms/div