



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H4

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PERFORMANCE CHECKSHEET

Model: AVP-AV-1S-P-UCIA
Type: Ultra-High-Speed Pulse Generator
S.N.: 12356
Date: November 5, 2009

Output Amplitude: 0 to +5V, to 50Ω
Pulse Width (FWHM): 0.2 – 4 ns
Rise Time (20%-80%): ≤ 65 ps
Fall Time (80%-20%): ≤ 200 ps
PRF: 1 Hz - 1 MHz
Jitter, Stability: OK
Prime Power: +12V DC (-UCIA option)

Basic specifications: →

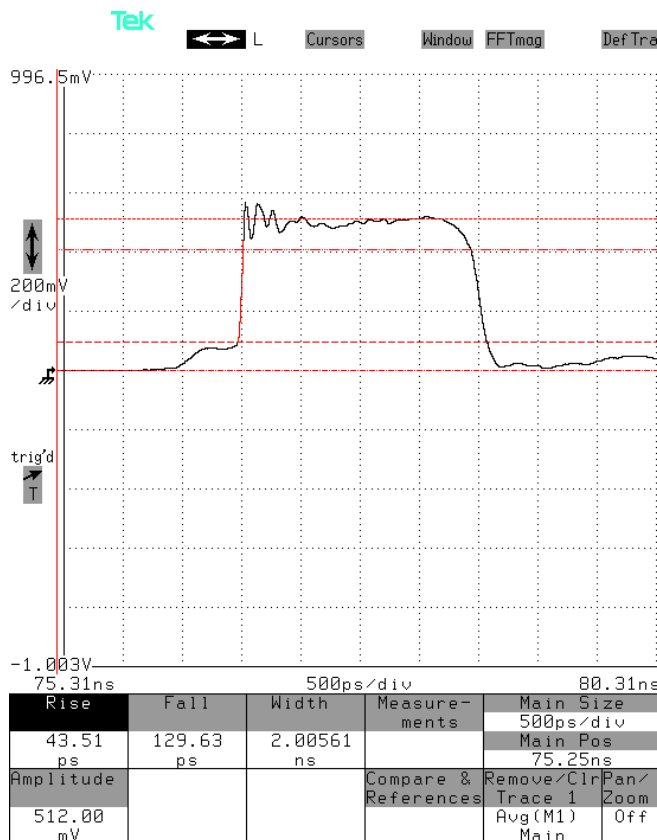
Test Waveforms

> 4 ns pulse width at 1 MHz, +5V out,

2 ns pulse width at 1 MHz, +5V out,

1 ns/div. 2 V/div (200 mV × 20 dB):

500 ps/div. 2 V/div (200 mV × 20 dB):



< 100 ps pulse width at 1 MHz, +5V out,

200 ps/div. 2 V/div (200 mV × 20 dB):

