



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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BOX 5120, LCD MERIVALE
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVP-AV-1S-C-P
Type: Ultra-High-Speed Pulse Generator
S.N.: 14411
Date: March 6, 2024

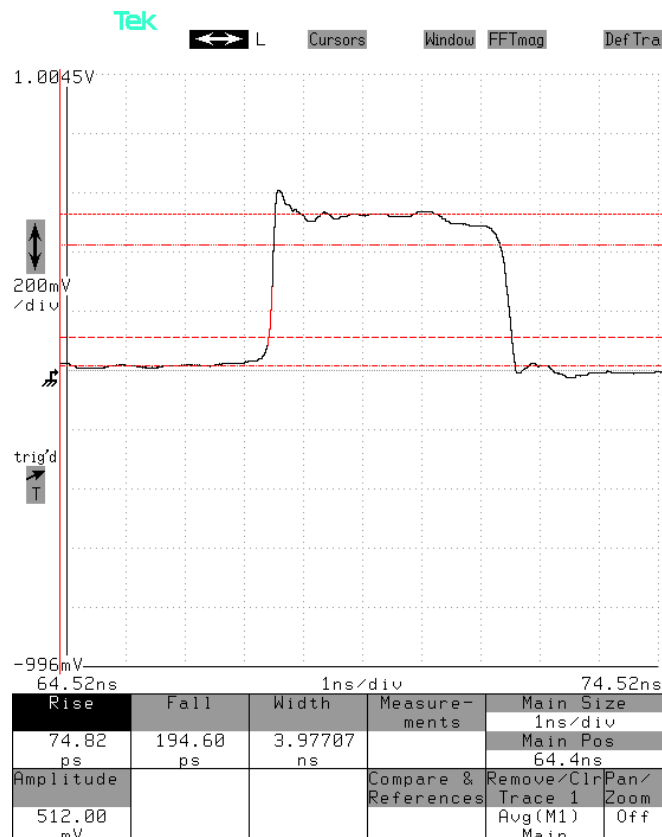
Basic specifications: →

Output Amplitude: up to +5V, to 50Ω
Pulse Width (FWHM): 0.2 – 4 ns
Rise Time (20%-80%): ≤ 80 ps
Fall Time (80%-20%): ≤ 200 ps
PRF: 1 Hz - 1 MHz
Jitter, Stability: OK
Prime Power: +15V DC

Test Waveforms

4 ns pulse width at 100 kHz, +5V out,

1 ns/div. 2 V/div (200 mV/div × 20 dB):



< 200 ps pulse width at 100 kHz, +5V out,

500 ps/div. 2 V/div (200 mV/div × 20 dB):

