

AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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BOX 5120, LCD MERIVALE
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVP-AV-HV3-B-P-AK1-AK8-OS-M-W4-AC02
Type: Ultra-High-Speed Pulse Generator
S.N.: 14541
Date: March 14, 2025

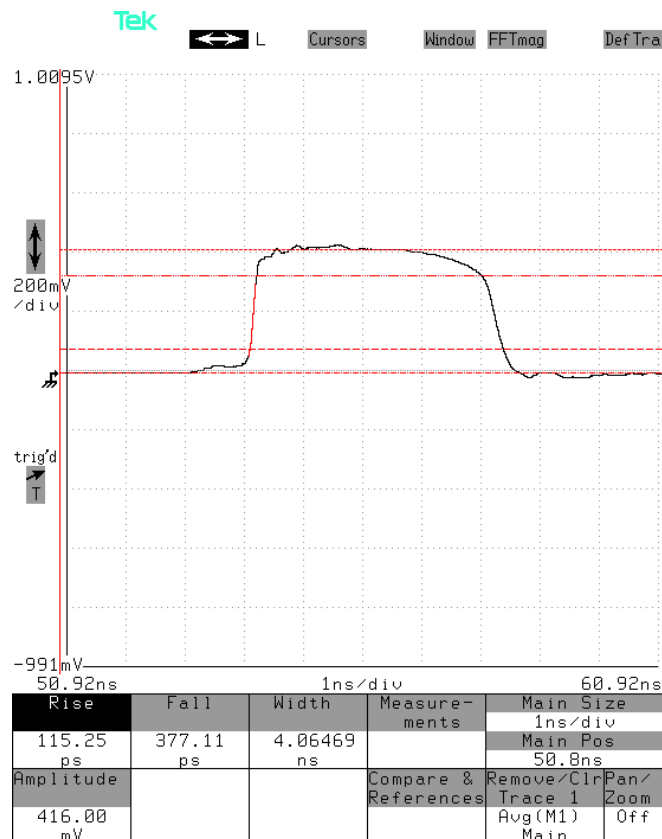
Output Amplitude: up to $\pm 40V$, to 50V
Pulse Width (FWHM): 0.4 – 4 ns
Rise Time (20%-80%): ≤ 150 ps
Fall Time (80%-20%): ≤ 450 ps
PRF: 1 Hz - 1 MHz
Jitter, Stability: OK
Prime Power: 100-240 V, 50-60 Hz

Basic specifications: →

Test Waveforms

> 4 ns pulse width at 10 kHz, > +40V out,

1 ns/div. 20 V/div (200 mV/div $\times$ 40 dB):



0.6 ns pulse width at 100 kHz, +40V out,

500 ps/div. 20 V/div (200 mV/div $\times$ 40 dB):

