



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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☒ BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H5

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PERFORMANCE CHECKSHEET

Model: AVP-3SA-C-2CHPP-AK1-AK8-AC22
Type: Ultra-High-Speed Pulse Generator
S.N.: 13715
Date: May 10, 2018

Output Amplitude: up to +10V, to 50Ω
Pulse Width (FWHM): 0.2 to 4 ns
Rise Time (20%-80%): ≤ 50 ps
Fall Time (80%-20%): ≤ 250 ps
PRF: 1 Hz - 1 MHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

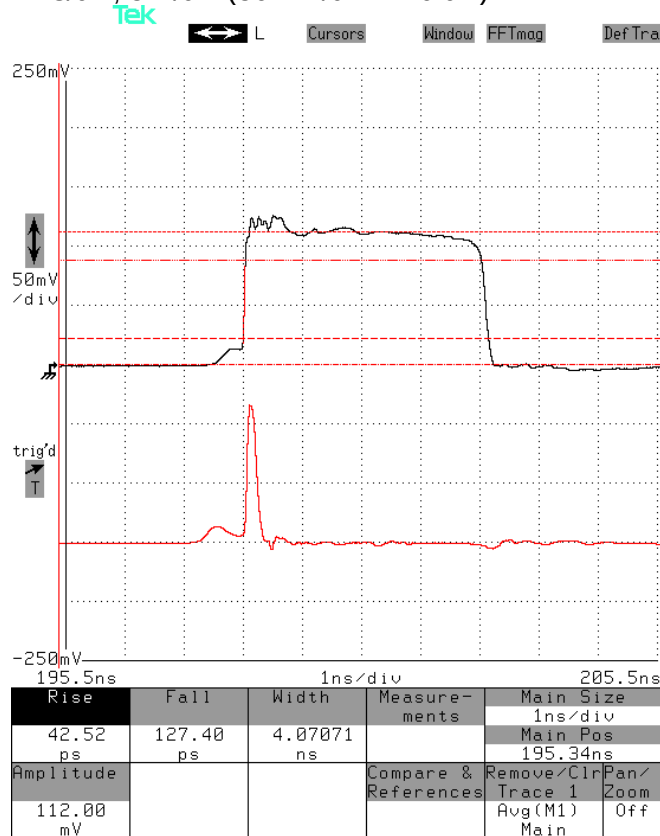
Basic specifications: →

Test Waveforms

Top: OUT A, > 4 ns, > +10V, 1 MHz
Bottom: OUT B, < 0.2 ns, > +10V, 1 MHz

Top: OUT A, < 0.2 ns, > +10V, 1 MHz
Bottom: OUT B, > 4 ns, > +10V, 1 MHz

1 ns/div, 5 V/div (50 mV/div × 40 dB):



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