



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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☒ BOX 5120, LCD MERIVALE
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PERFORMANCE CHECKSHEET

Model: AVP-3SA-C-2CHPN-AT-AK1-AK8-EO-AC03-ATA3
S.N.: 13100
Type: Ultra-High-Speed Pulse Generator
Date: November 29, 2013

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

Basic specifications: →

Test Waveforms

Top: OUT P, > 4 ns, > +10V, 100 kHz
Bottom: OUT N, < 0.2 ns, > -10V, 100 kHz

Top: OUT P, < 0.2 ns, > +10V, 100 kHz
Bottom: OUT N, > 4 ns, > -10V, 100 kHz

500 ps/div, 5 V/div (50 mV/div × 40 dB):

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

