



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: AVI-V-2L-P-AK1-AK8-EA-EW-OS
Type: Ultra-High-Speed Pulse Generator
S.N.: 13094
Date: October 29, 2013

Output Amplitude: up to +40V, to 50Ω
Pulse Width (FWHM): 1 – 10 ns
Rise Time (20%-80%): ≤ 500 ps
Fall Time (80%-20%): ≤ 750 ps
PRF: 1 Hz – 100 kHz
Jitter, Stability: OK
Prime Power: +15V DC

Basic specifications: →

Test Waveforms

At 100 kHz, < 1 ns, > +40V,

2 ns/div. 20 V/div (200 mV/div × 60 dB):

At 100 kHz, > 10 ns, > +40V,

2 ns/div. 20 V/div (200 mV/div × 60 dB):

