



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-VTA
Type: Ultra-High-Speed Pulse Generator
S.N.: 13207
Date: September 3, 2014

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

Basic specifications: →

Test Waveforms

100 kHz, < 1 ns, > 40V,

100 kHz, > 20 ns, > 40V,

1 ns/div. 10 V/div (100 mV/div × 40 dB):

5 ns/div. 10 V/div (100 mV/div × 40 dB):

