



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

P.O. BOX 265
OGDENSBURG, NY
U.S.A. 13669-0265

TEL: 888-670-8729 (USA & Canada) or +1-613-226-5772 (Intl)
FAX: 800-561-1970 (USA & Canada) or +1-613-226-2802 (Intl)

BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H4

info@avtechpulse.com - http://www.avtechpulse.com/

PERFORMANCE CHECKSHEET

Model: AVL-2-B-PN-R5
Type: High-Voltage High-Speed Pulse Generator
S.N.: 11584 (repair)
Date: November 14, 2006

Output Amplitude: 0 to $\pm 320V$, to 50 Ω
Pulse Width (FWHM): 5 ns – 100 ns
Rise Time (20%-80%): ≤ 2 ns
Fall Time (80%-20%): ≤ 4 ns
PRF: 1 Hz - 5 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

Test Waveforms

At 2 kHz, 100 ns, +320V:

At 2 kHz, 100 ns, -320V:

20 ns/div. 100 V/div (100 mV \times 60 dB):

20 ns/div. 100 V/div (100 mV \times 60 dB):

