



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 +1-613-686-6675 (Intl)
FAX: 800-561-1970 (USA & Canada) or +1-613-686-6679 (Intl)

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

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

PERFORMANCE CHECKSHEET

Model: AVR-EB4-B-NXPB
Type: Ultra-High-Speed Pulse Generator
S.N.: 12432 (repair)
Date: August 13, 2013

Output Amplitude: to +0.5A, -1A
Pulse Width (FWHM): 2 us (-)
Switching time (10%-90%):
≤ 1.5 ns typically
PRF: 1 Hz - 1 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

Test Waveforms

Reverse recovery transient of 1N4937 at +0.5A and -1A.

As before, but scaled to show the sub-nanosecond switching time.

50 ns/div. 200 mA/div:

5 ns/div. 200 mA/div:

