



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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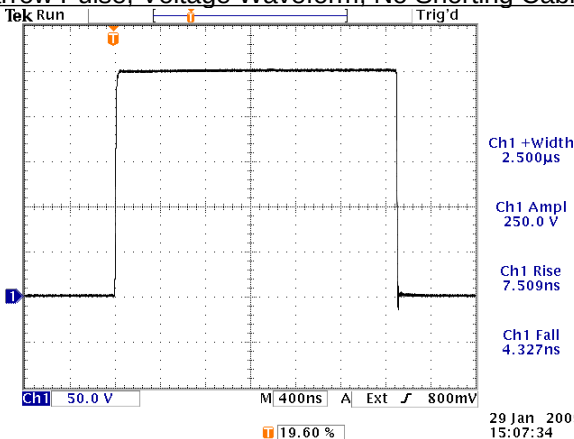
PERFORMANCE CHECKSHEET

Model: AVR-3-PW-TEK2-B-P
Type: High-Speed Pulse Generator
S.N.: 12167
Date: January 29, 2009

Output Amplitude: 0 to +250V, to 50Ω
Pulse Width (FWHM): 0.25 – 250 us
Rise Time (20%-80%): ≤ 10 ns
Fall Time (80%-20%): ≤ 10 ns
PRF: 1 Hz - 10 kHz
Jitter, Stability: OK
Prime Power: 120/240V AC, 50-60 Hz.

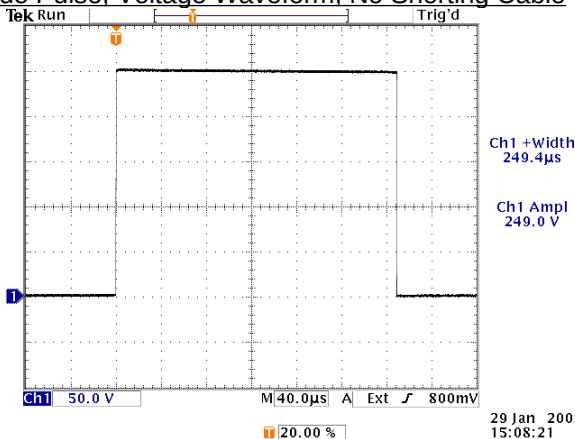
Basic specifications: →

Narrow Pulse, Voltage Waveform, No Shorting Cable



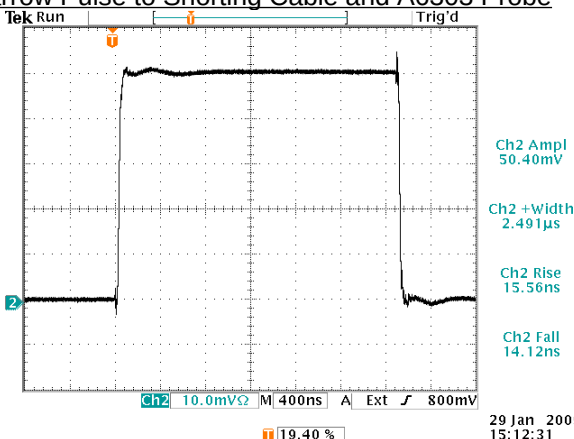
Output of "OUT" connector into a 50 Ohm load. Viewed with TDS3052B scope. 50V/div, 400 ns/div. 10 Hz.

Wide Pulse, Voltage Waveform, No Shorting Cable



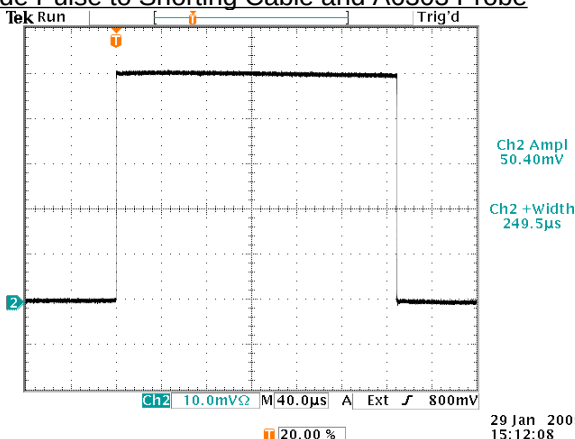
Output of "OUT" connector into a 50 Ohm load. Viewed with TDS3052B scope. 50V/div, 40 us/div. 10 Hz.

Narrow Pulse to Shorting Cable and A6303 Probe



Output of A6303 probe and AM503B amplifier, viewed with TDS3052B scope. The A6303 probe is clamped to the shorting cable.

Wide Pulse to Shorting Cable and A6303 Probe



Output of A6303 / AM503B, viewed with TDS3052B scope. The probe is clamped to the shorting cable.

References levels: 20%, 80%