



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 3H4

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

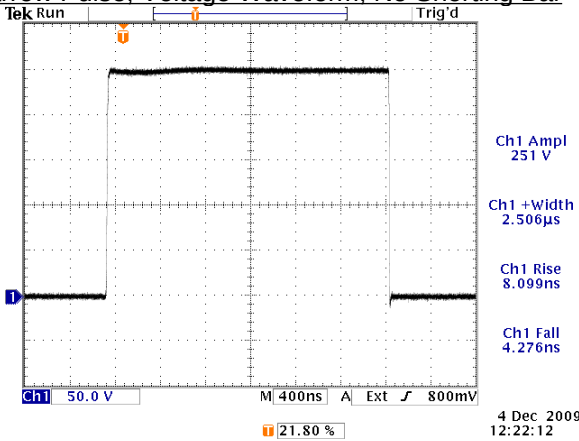
PERFORMANCE CHECKSHEET

Model: AVR-3-PW-C-P-TEK2  
Type: High-Speed Pulse Generator  
S.N.: 10269 (repair / recalibration)  
Date: December 4, 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.

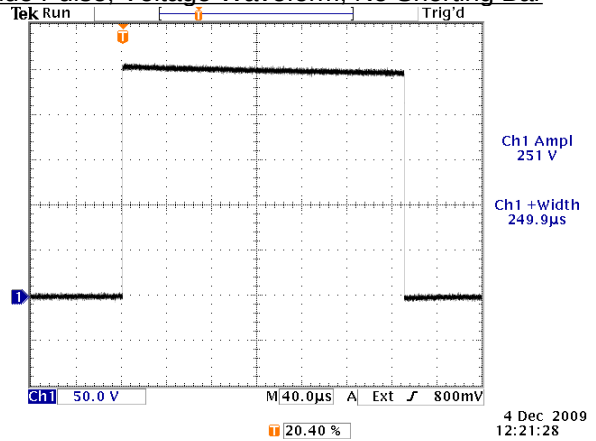
Basic specifications: →

Narrow Pulse, Voltage Waveform, No Shorting Bar



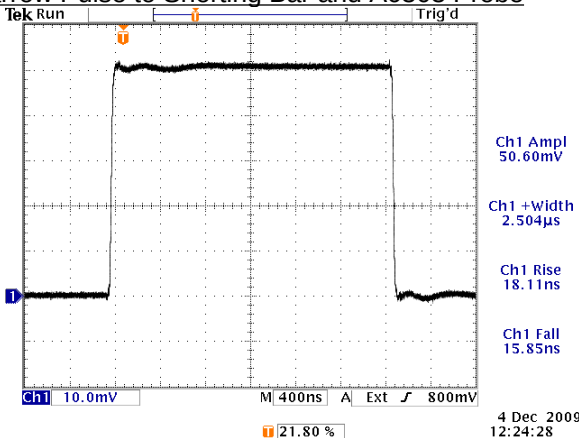
Output of "OUT" connector, terminated into the internal 50 Ohm load using a 6" length of RG-316 cable (i.e., no shorting bar). Viewed with TDS3052B scope. 50V/div, 400 ns/div. 10 Hz.

Wide Pulse, Voltage Waveform, No Shorting Bar



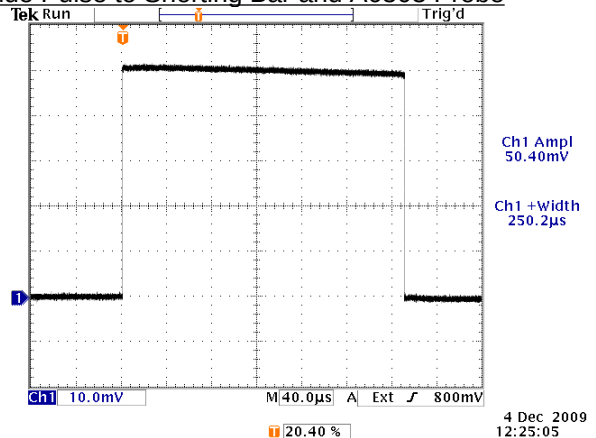
Output of "OUT" connector, terminated into the internal 50 Ohm load using a 6" length of RG-316 cable (i.e., no shorting bar). Viewed with TDS3052B scope. 50V/div, 40 us/div. 10 Hz.

Narrow Pulse to Shorting Bar and A6303 Probe



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

Wide Pulse to Shorting Bar and A6303 Probe



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

References levels: 20%, 80%