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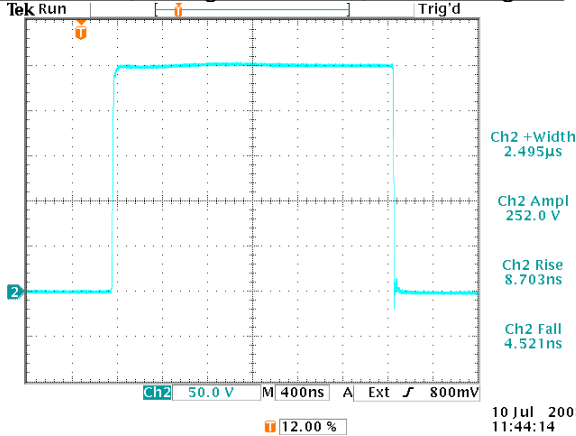
PERFORMANCE CHECKSHEET

Model: AVR-3-PW-C-P-TEK2
Type: High-Speed Pulse Generator
S.N.: 10541 (repair / recalibration)
Date: July 10, 2008

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.

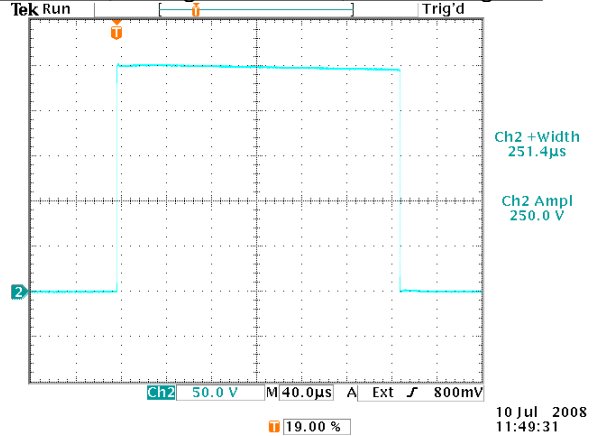
Basic specifications: →

Narrow Pulse, Voltage Waveform, No Shorting Bar



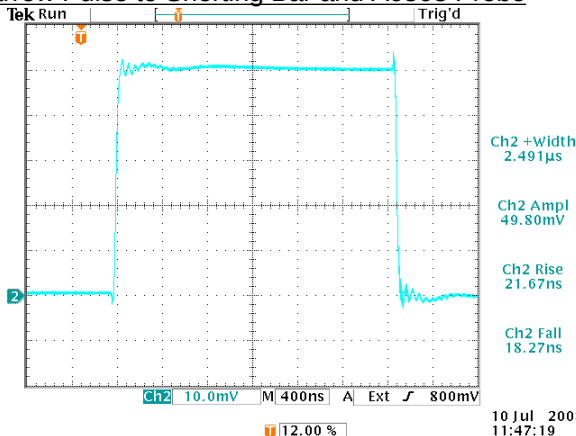
Output of "OUT" connector, terminated into the internal 50 Ohm load using a 12" length of RG-316 cable (i.e., no shorting bar). Viewed with TDS3052B scope. 50V/div, 400 ns/div. 10 Hz.

Wide Pulse, Voltage Waveform, No Shorting Bar



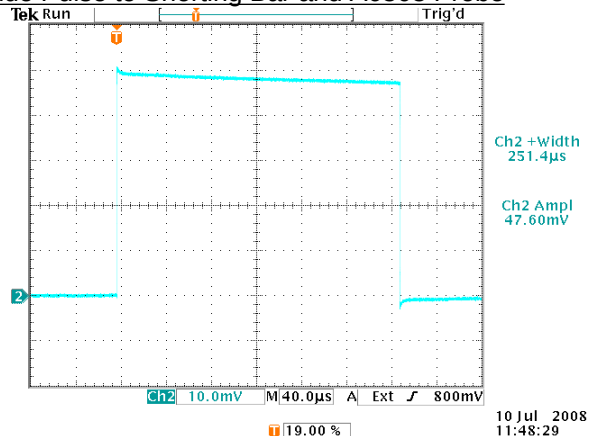
Output of "OUT" connector, terminated into the internal 50 Ohm load using a 12" length of RG-316 cable (i.e., no shorting bar). Viewed with TDS3052B scope. 50V/div, 40 us/div. 10 Hz.

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 user-supplied shorting cable (not the original shorting bar).

Wide Pulse to Shorting Bar and A6303 Probe



Output of A6303 / AM503B, viewed with TDS3052B scope. The probe is clamped to the user-supplied shorting cable (not the original shorting bar).

References levels: 20%, 80%