



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

Tel: 888-670-8729 (USA & Canada)  
or +1-613-686-6675 (Worldwide)

BOX 5120, LCD MERIVALE  
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVRK-4-B-PN-TR-AC02  
Type: High Voltage Pulse Generator  
S.N.: 14527  
Date: March 25, 2025

Output Amplitude: up to ±750V, to 50Ω  
Pulse Width (FWHM): 6 to 20 ns  
Rise Time (20%-80%): ≤ 2 ns  
Fall Time (80%-20%): varies with PW/amp  
PRF: 1 Hz - 1 kHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz

Basic specifications: →

Test Waveforms

1 kHz, 6 ns, > -750V,

1 kHz, > 20 ns, > +750V,

Top (main out): 200 V/div (200 mV/div × 60 dB)  
Bottom (monitor): 20 V/div (200mV/div × 40 dB)  
Both: 2 ns/div.

Top (main out): 200 V/div (200 mV/div × 60 dB)  
Bottom (monitor): 20 V/div (200mV/div × 40 dB)  
Both: 5 ns/div.

