PERFORMANCE CHECKSHEET

Model: AVRK-4-B-P
Type: High Voltage Pulse Generator
S.N.: 13596
Date: August 30, 2017

Basic specifications: →

Output Amplitude: up to +750V, to 50Ω
Pulse Width (FWHM): 6 to 20 ns
Rise Time (20%-80%): ≤ 4 ns
Fall Time (80%-20%): varies with PW/ampl
PRF: 1 Hz - 1 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz

Test Waveforms

1 kHz, 6 ns, +750V,
Top (main out): 200 V/div (200 mV/div × 60 dB)  
Bottom (monitor): 20 V/div (200 mV/div × 40 dB)  
Both: 5 ns/div.

1 kHz, > 20 ns, > +750V,
Top (main out): 200 V/div (200 mV/div × 60 dB)  
Bottom (monitor): 20 V/div (200 mV/div × 40 dB)  
Both: 5 ns/div.