PERFORMANCE CHECKSHEET

Model: AVRK-4-B-PN
Type: High Voltage Pulse Generator
S.N.: 13540
Date: January 19, 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.