PERFORMANCE CHECKSHEET

Model: AVRK-4-B-PN-TR
Type: High Voltage Pulse Generator
S.N.: 14007
Date: August 14, 2020

Basic specifications: →

Output Amplitude: up to ±750V, to 50Ω
Pulse Width (FWHM): 6 to 20 ns
Rise Time (20%-80%): ≤ 1.5 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: 2 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.