PERFORMANCE CHECKSHEET

Model: AVR-7B-B-P-R5
Type: High Voltage Pulse Generator
S.N.: 13539
Date: March 14, 2017

Rise & Fall Time Test

- 10 Hz, 1 us, +700V into a 50Ω load.
- 200 V/div, 200 ns/div.

a) Output Signal Amplitude: up to +700V
b) Pulse Width (FWHM): 100 ns - 100 us
c) Rise Time (20%-80%): < 20 ns
d) Fall Time (20%-80%): < 20 ns
e) PRF: 1 Hz - 10 kHz
f) Jitter, Stability: OK
g) Prime Power: 100-240V AC, 50-60 Hz.

Reference levels: 20%, 80%

Lower Amplitude Test

- 10 Hz, 1 us, +300V into a 50Ω load.
- 100 V/div, 200 ns/div.

Wide Pulse Test

- 10 Hz, 100 us, +700V into a 50Ω load.
- 200 V/div, 20 us/div.