PERFORMANCE CHECKSHEET

Model: AVR-8A-B-PN
Type: High Voltage Pulse Generator
S.N.: 14003
Date: August 5, 2020

Rise & Fall Time Test

10 Hz, 2 us, +1 kV into a 50 Ω load.
200 V/div, 400 ns/div.

a) Output Signal Amplitude: up to ±1000V
b) Pulse Width (FWHM): 200 ns - 200 us, 0.2% duty cycle
c) Rise Time (20%-80%): < 50 ns
d) Fall Time (20%-80%): < 50 ns
e) PRF: 1 Hz - 1 kHz
f) Jitter, Stability: OK
g) Prime Power: 100-240V AC, 50-60 Hz.

Wide Pulse / Maximum Duty Cycle Test

20 Hz, 100 us, -1 kV into a 50 Ω load.
200 V/div, 20 us/div.

References levels: 20%, 80%.