PERFORMANCE CHECKSHEET

Model: AVR-2B-B-PN
Type: High-Speed High-Voltage Pulse Generator
S.N.: 12975
Date: March 8, 2013

Rise Time Test

- 100 kHz, 500 ns, +100V into a 50Ω load.
- 50 V/div, 100 ns/div.

High Frequency Test

- 100 kHz, 5 us, +100V into a 50Ω load.
- 50 V/div, 2 us/div.

Wide Pulse Test

- 5 kHz, 100 us, -100V into a 50Ω load.
- 50 V/div, 40 us/div.

Reference levels: 20%, 80%.

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