PERFORMANCE CHECKSHEET

Model: AVR-2B-B-N
Type: High-Speed High-Voltage Pulse Generator
S.N.: 13039
Date: July 15, 2013

Rise Time Test

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

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.

High Frequency Test

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

Reference levels: 20%, 80%.

Wide Pulse Test

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