PERFORMANCE CHECKSHEET

Model: AVR-2B-B-PN-AC22
Type: High-Speed High-Voltage Pulse Generator
S.N.: 13198
Date: August 21, 2014

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.

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.

Reference levels: 20%, 80%.

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