PERFORMANCE CHECKSHEET

Model: AVR-3HF-B-P-AC22
Type: High Voltage Pulse Generator
S.N.: 13987
Date: May 7, 2020

Rise & Fall Time Test

1 kHz, 1 us, +250V into a 50Ω load.
100 V/div, 200 ns/div.

a) Output Signal Amplitude: up to +250V
b) Pulse Width (FWHM): 100 ns - 100 us, 4% duty cycle
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.

Wide Pulse Test

10 Hz, 100 us, +250V into a 50Ω load.
100 V/div, 20 us/div.

References levels: 20%, 80%.