PERFORMANCE CHECKSHEET

Model: AVR-3HF-B-N-XP2
Type: High Voltage Pulse Generator
S.N.: 13863
Date: March 27, 2019

**Rise and Fall Time Test**

- a) Output Signal Amplitude: up to -250V
- b) Pulse Width (FWHM): 100 ns - 100 us, 16% max 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.

10 Hz, 1 us, -250 V into 50Ω.

**Maximum PRF and Duty Cycle Test**

100 kHz, 1.6 us, -250 V into 50Ω.

**Maximum Pulse Width and Duty Cycle Test**

1.6 kHz, 100 us, -250 V into 50Ω.

Reference levels: 20%, 80%.