PERFORMANCE CHECKSHEET

Model: AVR-D3-B-MS1
Type: Transistor Test Pulser
S.N.: 13072
Date: October 3, 2013

Narrow Pulse Operation

a) Output Signal Amplitude: ±1 to ±250V

b) Pulse Width: 10-100 us, 30-300 us

c) Rise Time (20%-80%): < 20 ns

d) Fall Time (20%-80%): < 20 ns

e) PRF: 1 Hz - 10 Hz

f) Jitter, Stability: OK

g) Prime Power: 100-240V AC, 50-60 Hz.

References levels: 20%, 80%.
Wide Pulse Operation

$V_{\text{MON}}$, with 10 Hz, $PW_1 = 100 \, \text{us}$, $PW_2 = 300 \, \text{us}$, Delay = 100 us, ±250V, DUT on OUT = 0Ω. 100 V/div, 40 us/div.

See page 27 of the manual for a discussion of this waveform.

Storage Time Test, 2N5686

See page 28 of the manual for a discussion of this waveform.

Turn-On Test, 2N5686

See page 27 of the manual for a discussion of this waveform.

Turn-Off Test, 2N5686

See page 28 of the manual for a discussion of this waveform.