PERFORMANCE CHECKSHEET

Model: AVR-D3-B
Type: Transistor Test Pulser
S.N.: 14117
Date: April 12, 2021

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, PW1 = 100 us, PW2 = 300 us, Delay = 100 us, ±250V, DUT on OUT = 0Ω. 100 V/div, 40 us/div.

Storage Time Test, 2N5686

See pages 26-27 of the manual for a discussion of this waveform.

Turn-On Test, 2N5686

See pages 25-26 of the manual for a discussion of this waveform.

Turn-Off Test, 2N5686

See pages 26-27 of the manual for a discussion of this waveform.