**PERFORMANCE CHECKSHEET**

**Model:** AVR-E3A-B-P  
**Type:** Ultra-High-Speed Pulse Generator  
**S.N.:** 12676  
**Date:** July 28, 2011  

**Basic specifications:**

- **Output Amplitude:** 0 to +100V, to 50Ω  
- **Pulse Width (FWHM):** 10 – 500 ns  
- **Rise Time (20%-80%):** ≤ 1.2 ns  
- **Fall Time (80%-20%):** ≤ 2 ns (3 ns if PW<15ns)  
- **PRF:** 1 Hz – 200 kHz  
- **Jitter, Stability:** OK  
- **Prime Power:** 100-240V AC, 50-60 Hz.

**Test Waveforms**

- Full pulse at 200 kHz, 20 ns, +100V,  
  5 ns/div. 50 V/div (50 mV x 60 dB):  
- Full pulse at 200 kHz, 100 ns, +100V,  
  20 ns/div. 50 V/div (50 mV x 60 dB):

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Full pulse at 40 kHz, 500 ns, +100V,
100 ns/div. 50 V/div (50 mV × 60 dB):