PERFORMANCE CHECKSHEET

Model: AVR-E3A-C-N-AC22
Type: Ultra-High-Speed Pulse Generator
S.N.: 12842
Date: July 20, 2012

Output Amplitude: up to -100 V, to 50 Ω
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: 20 Hz – 200 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

Test Waveforms

Full pulse at 20 kHz, 10 ns, -100V,
5 ns/div. 50 V/div (50 mV × 60 dB):

Full pulse at 20 kHz, 500 ns, -100V,
100 ns/div. 50 V/div (50 mV × 60 dB):
Leading edge at 20 kHz, 500 ns, -100V, 5 ns/div. 50 V/div (50 mV × 60 dB):

Trailing edge at 20 kHz, 500 ns, -100V, 5 ns/div. 50 V/div (50 mV × 60 dB):