

info@avtechpulse.com
http://www.avtechpulse.com/

Tel: 888-670-8729 (USA & Canada) or +1-613-686-6675 (Intl)
Fax: 800-561-1970 (USA & Canada) or +1-613-686-6679 (Intl)

BOX 5120, LCD MERIVALE
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVR-E3A-B-PN-VXI-OT-AC22
Type: Ultra-High-Speed Pulse Generator
S.N.: 14039
Date: September 3, 2020

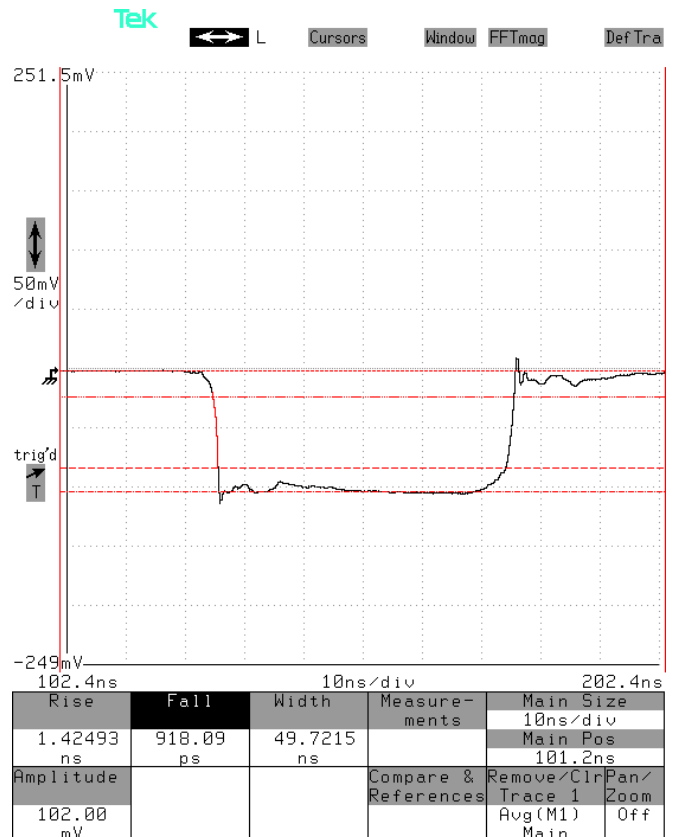
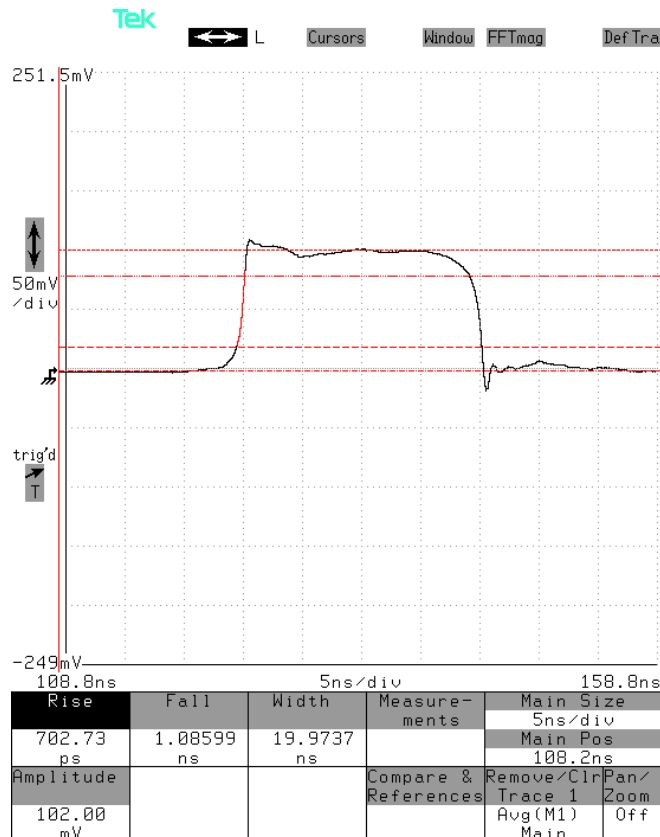
Output Amplitude: up to ±100V, to 50Ω
Pulse Width (FWHM): 10 – 500 ns
Rise Time (20%-80%): ≤ 1.2 ns
Fall Time (80%-20%): ≤ 2.5 ns
PRF: up to 200 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

Test Waveforms

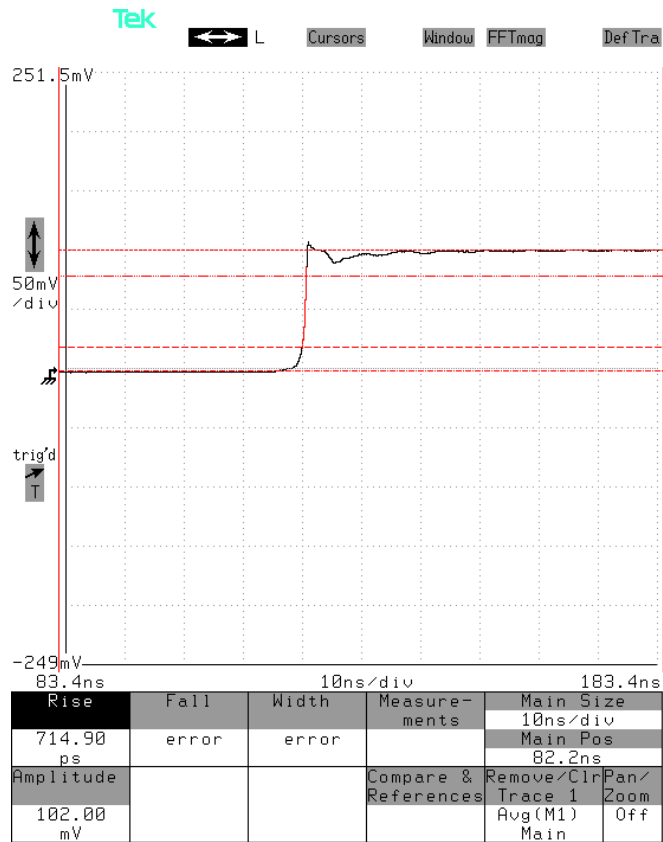
Full pulse at 200 kHz, 20 ns, +100V,
5 ns/div. 50 V/div (50 mV/div × 60 dB):

Full pulse at 200 kHz, 50 ns, -100V,
10 ns/div. 50 V/div (50 mV/div × 60 dB):



Leading edge at 10 kHz, 500 ns, +100V,

10 ns/div. 50 V/div (50 mV/div × 60 dB):



Trailing edge at 40 kHz, 500 ns, -100V,

20 ns/div. 50 V/div (50 mV/div × 60 dB):

