



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

Tel: 888-670-8729 (USA & Canada)
or +1-613-686-6675 (Worldwide)

BOX 5120, LCD MERIVALE
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVIR-4D-B-P-AC22
Type: Ultra-High-Speed Pulse Generator
S.N.: 14248
Date: June 21, 2022

Output Amplitude: up to ±200V, to 50Ω
Pulse Width (FWHM): 4 – 1000 ns
Rise Time (20%-80%): ≤ 2 ns
Fall Time (80%-20%): ≤ 3 ns
PRF: 1 Hz – 20 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

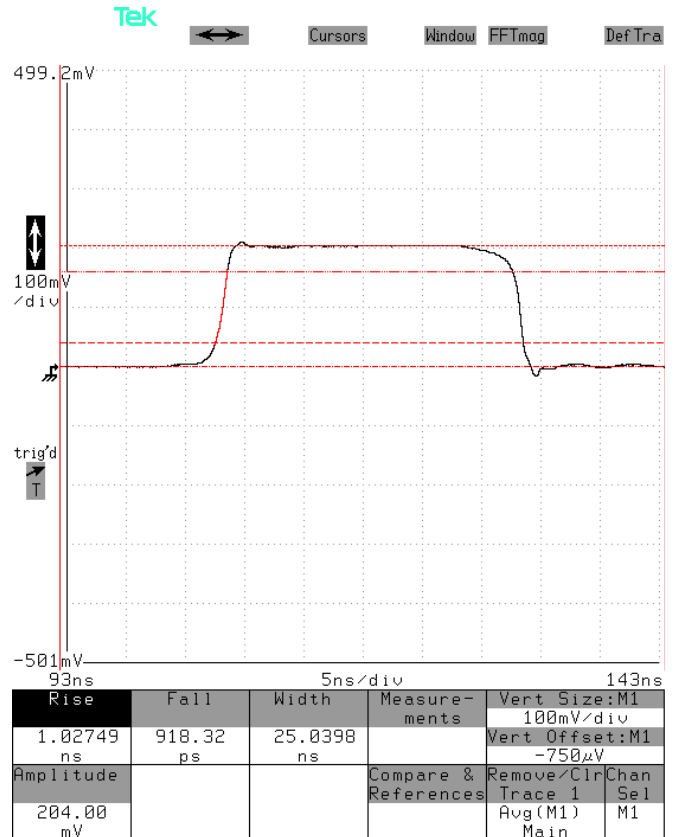
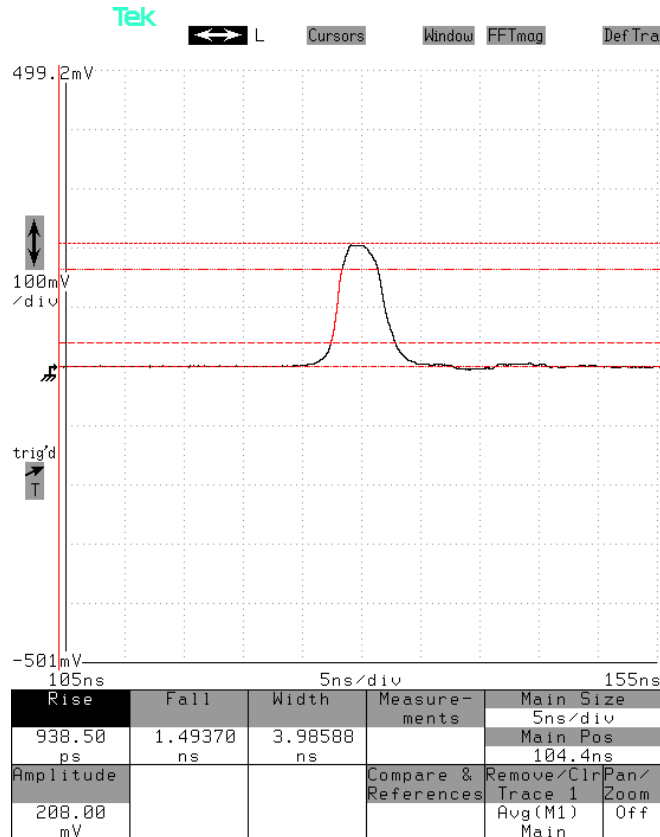
Test Waveforms

Full pulse at 20 kHz, < 4 ns, > +200V,

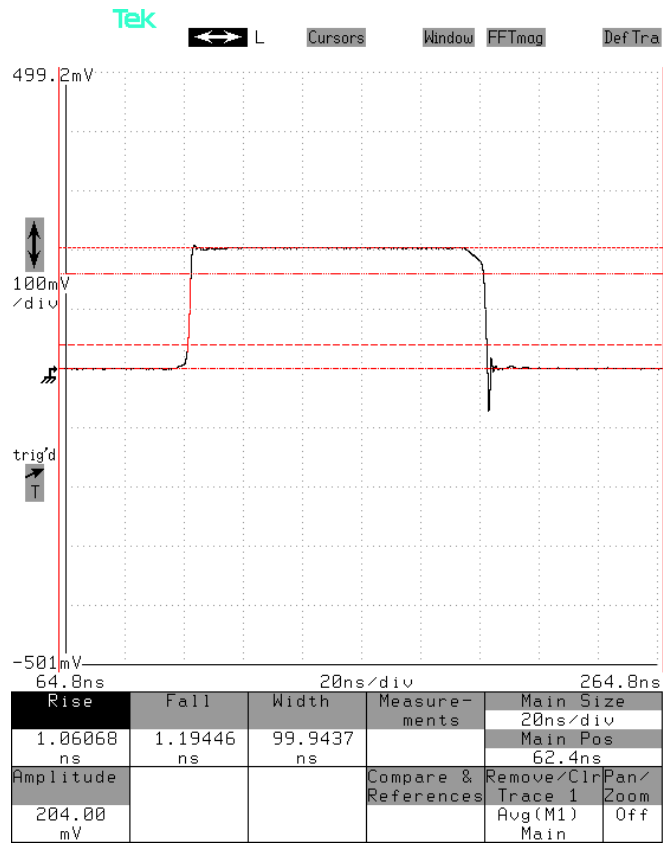
Full pulse at 20 kHz, 25 ns, +200V,

5 ns/div. 100 V/div (100 mV/div × 60 dB):

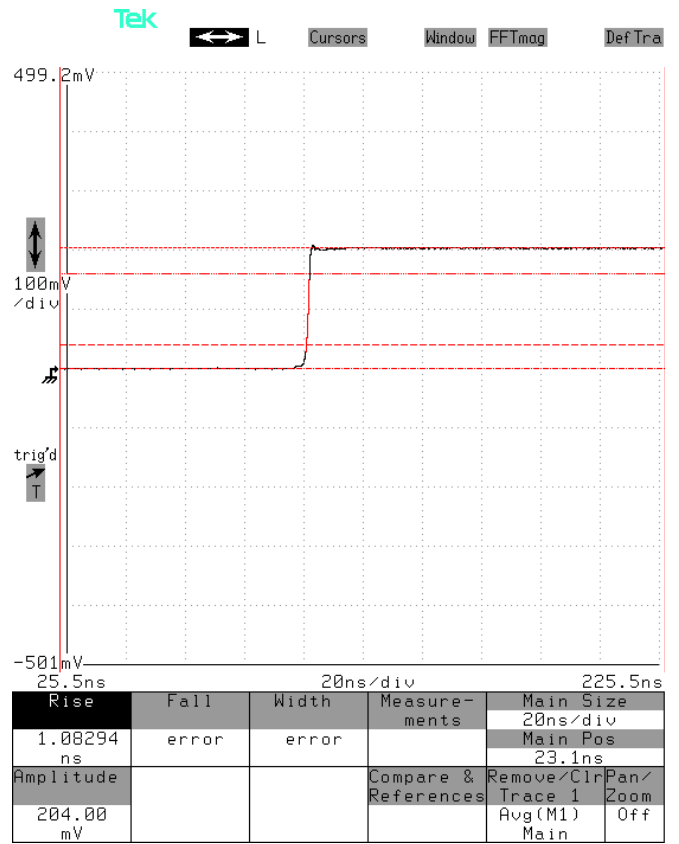
5 ns/div. 100 V/div (100 mV/div × 60 dB):



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



Leading edge at 4 kHz, 1 us, +200V,
 20 ns/div. 100 V/div (100 mV/div × 60 dB):



Trailing edge at 4 kHz, 1 us, +200V,

20 ns/div. 100 V/div (100 mV/div × 60 dB):

