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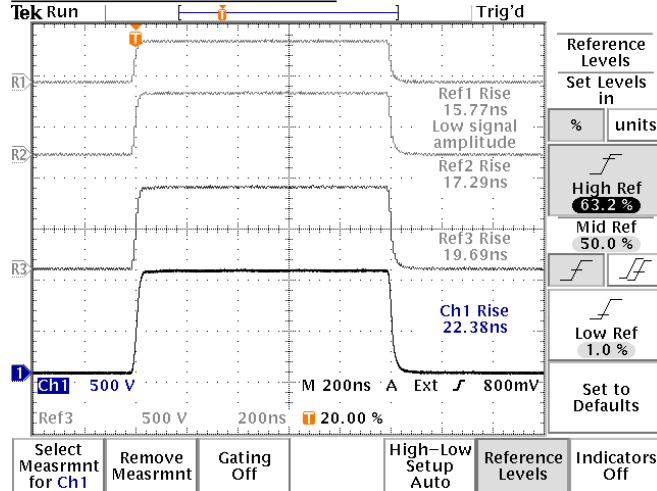
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or +1-613-686-6675 (Worldwide)

BOX 5120, LCD MERIVALE  
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVR-DV1-B-FTR-DIP4X6SOP4R2-AC02  
Type: High-Voltage Phototriac dV/dt Test System  
S.N.: 14366  
Date: September 19, 2023

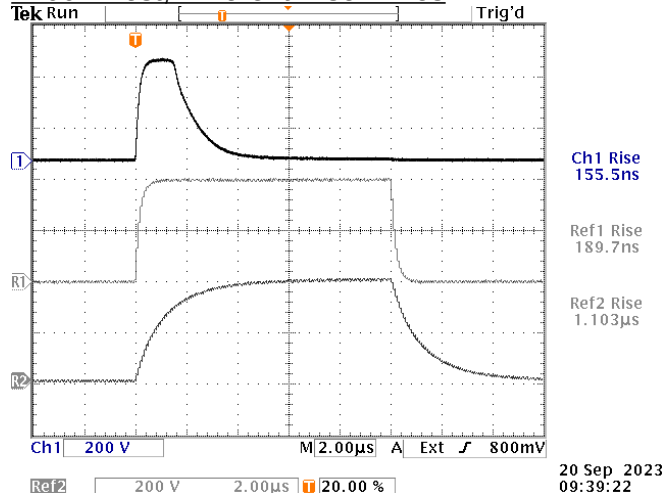
Minimum Rise Time Test



- a) Output Signal Amplitude: 0 to ±1000V
- b) Pulse Width (FWHM): 200 ns - 200 us
- c) Rise, fall times (1%-63.2%):  
  - < 16.8 ns at 400V
  - < 19 ns at 600V
  - < 22 ns at 800V
  - < 25 ns at 1000V
- d) PRF: 1 Hz – 1 kHz
- e) Jitter, Stability: OK
- f) Prime Power: 100-240V AC, 50-60 Hz.

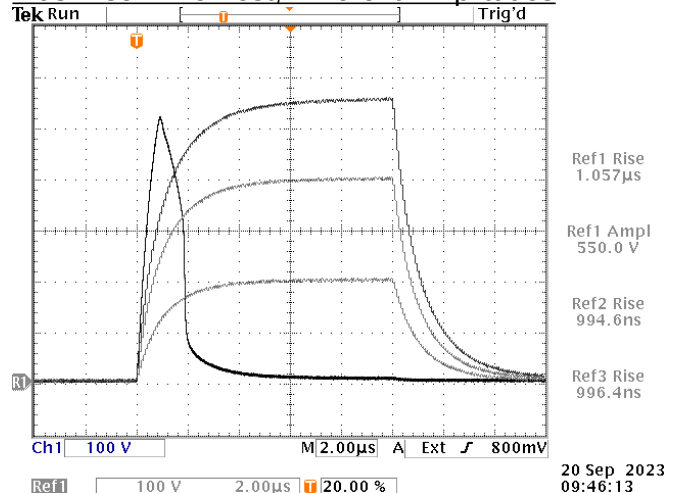
+400V, +600V, +800V, +1kV, at minimum rise time. 500 V/div, 200 ns/div. No DUT.

+400V Test, Different Rise Times



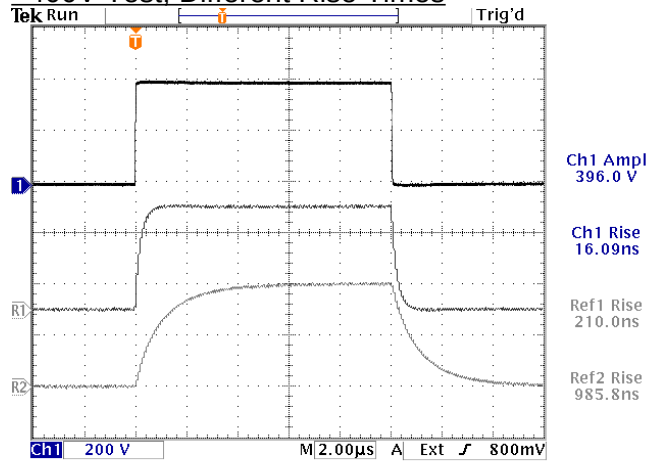
DUT = Fairchild MOC3052M (DIP6 package)

1 us Rise Time Test, Different Amplitudes



DUT = Fairchild MOC3052M (DIP6 package)

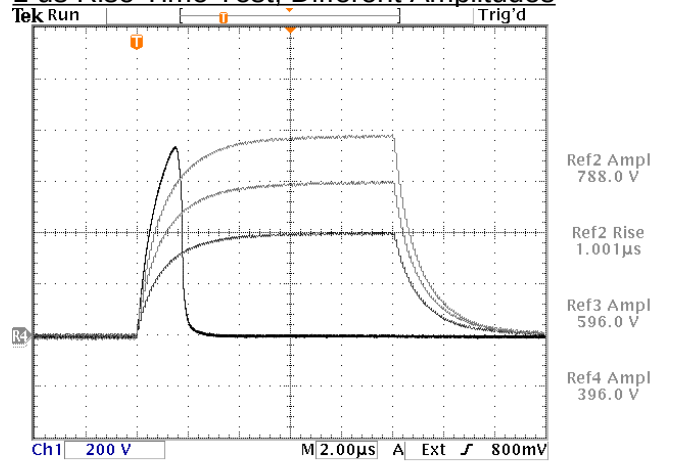
### +400V Test, Different Rise Times



20 Sep, 2023  
11:55:00

Ref1 200 V 2.00 μs 20.00 %  
DUT = Vishay VOT8024AM-VT (SOP4 package)

### 1 us Rise Time Test, Different Amplitudes



20 Sep, 2023  
11:51:43

Ref4 200 V 2.00 μs 20.00 %  
DUT = Vishay VOT8024AM-VT (SOP4 package)