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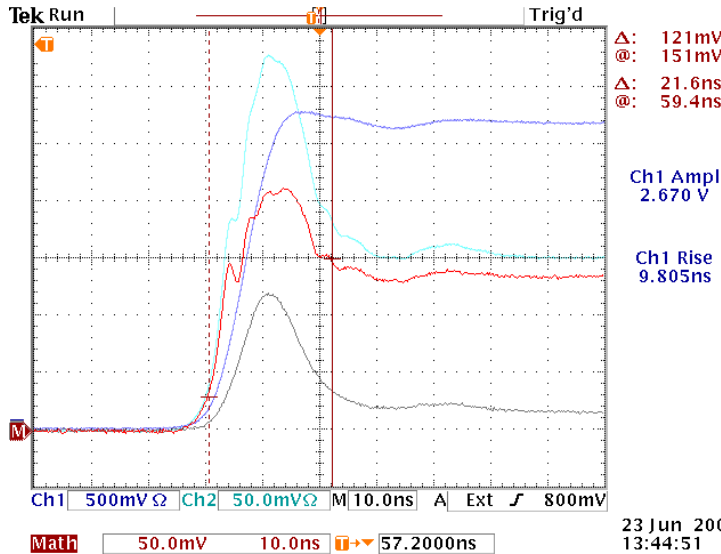
BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
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PERFORMANCE CHECKSHEET

Model: AVR-EBF6-B-DIPFP
Type: Forward Recovery Measurement Test System
S.N.: 12000
Date: June 23, 2008

1N5772 SAMPLE WAVEFORM (PINS 1 AND 5)



- a) Output Signal Amplitude: +0.1 to +1A
- b) Pulse Width (FWHM): 200 – 500 ns
- c) Rise Time (10%-90%): 10 ns
- d) PRF: 1 Hz - 100 Hz
- e) Jitter, Stability: OK
- f) Prime Power: 100-240V AC, 50-60 Hz.

Dark blue: MON output ($V_{IN}/10$, +26.5V, with ~ 10 ns rise time). 0.5 V/div, 10 ns/div.

Light blue: Main output ($V_{DUT}/10$). 50 mV/div, 10 ns/div.

Grey: Inductance nulling waveform. 50 mV/div, 10 ns/div.

Red: Calculated forward voltage, compensating for inductance. 50 mV/div, 10 ns/div.

Shows $V_{FM} = 2.1V$, and $t_{FR} = 21.6 ns$ for $I_F = 500 mA$, using the recovery point 10% above steady state.

See the manual for additional waveforms and analysis.