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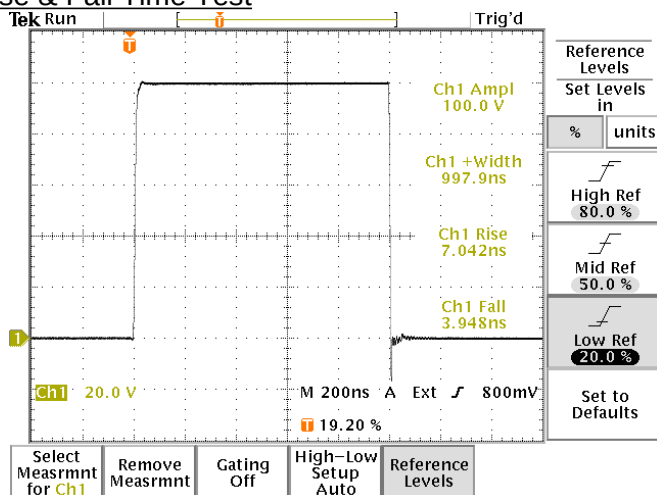
BOX 5120, LCD MERIVALE  
OTTAWA, ONTARIO  
CANADA K2C 3H4

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PERFORMANCE CHECKSHEET

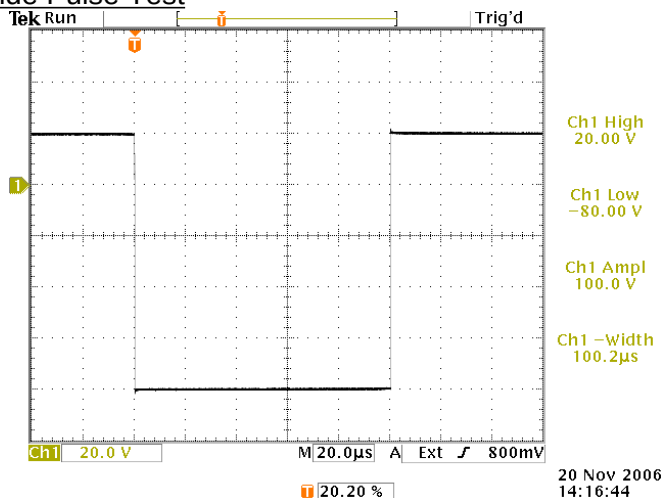
Model: AV-1011-B-OT-R5  
Type: General-Purpose High-Voltage Pulse Generator  
S.N.: 11082 (repair)  
Date: November 20, 2006

Rise & Fall Time Test



Output waveform (20V/div, 200ns/div) for:  
PRF=10 kHz, PW=1 us, AMPL=+100V, ZOUT=2Ω

Wide Pulse Test



Output waveform (20V/div, 20us/div) for PRF=100 Hz,  
PW=100us, AMPL=-100V, OFFSET=+20V, ZOUT=2Ω.

References levels: 20%, 80%.

- a) Output Signal Amplitude: 0 to ±100V (R<sub>L</sub> ≥ 50Ω)
- b) Offset: 0 to ±20V (R<sub>L</sub> ≥ 50Ω)
- c) Pulse Width (FWHM): 100 ns - 1 ms (10% max. duty cycle)
- d) Rise Time (20%-80%): ≤ 10 ns
- e) Fall Time (80%-20%): ≤ 10 ns
- f) PRF: 0 - 1 MHz (0 - 500 kHz when offset > ±10V)
- g) Jitter, Stability: OK
- h) Prime Power: 100-240V AC, 50-60 Hz.