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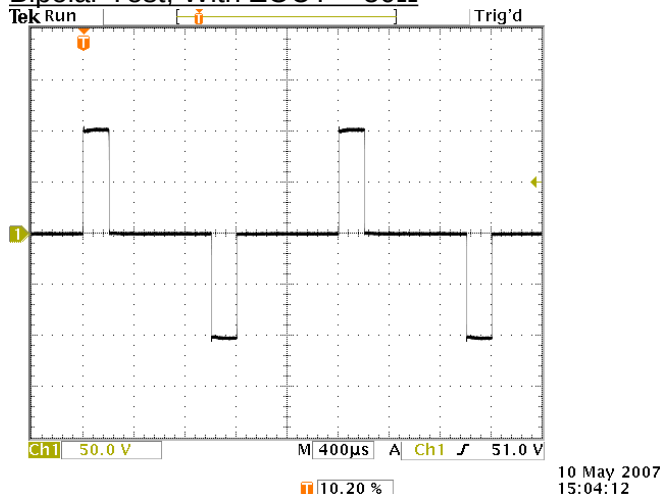
BOX 5120, LCD MERIVALE  
OTTAWA, ONTARIO  
CANADA K2C 3H4

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

PERFORMANCE CHECKSHEET

Model: AVR-G1-B-ALT-PN-DCC  
Type: Customized High Voltage Pulse Generator  
S.N.: 11715  
Date: May 10, 2007

Bipolar Test, With ZOUT = 50Ω

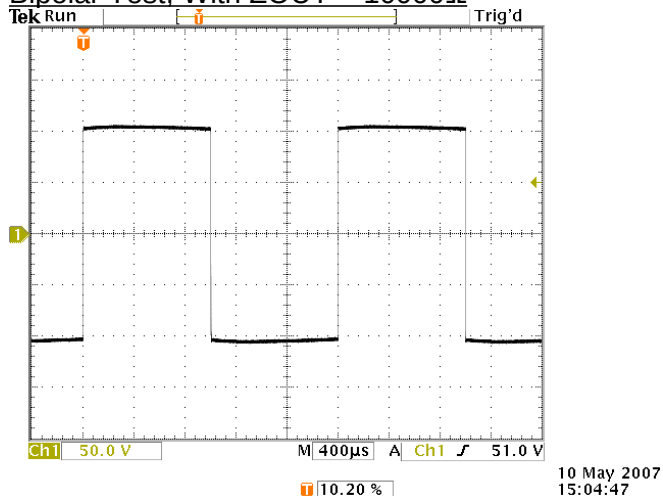


Output to 10 kΩ || 500 pF, with PRF = 1 kHz,  
AMP1 = +100V, AMP2 = -100V, PW = 200 us,  
ZOUT = 50Ω. 50 V/div, 400 us/div.

- a) Output Signal Amplitude: 0 to ±100V
- b) Pulse Width (FWHM): 100 ns - 1 ms
- c) Rise Time (20%-80%): < 40 ns
- d) Fall Time (80%-20%): < 40 ns
- e) PRF: 1 Hz - 1 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.

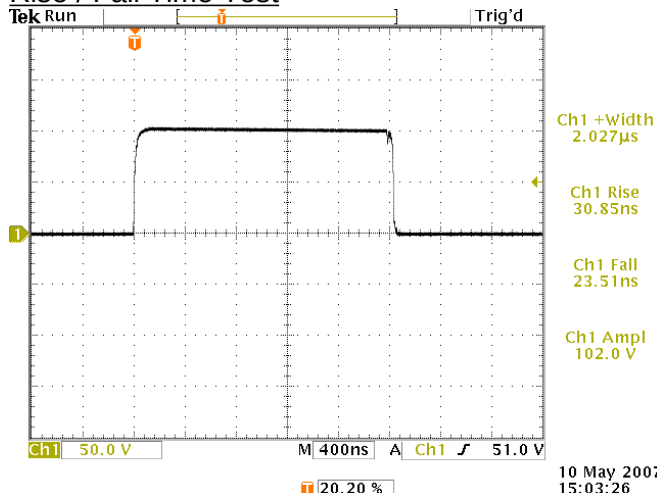
References levels: 10%, 90%.

Bipolar Test, With ZOUT = 10000Ω



As above, but with ZOUT= 10000Ω and the load  
is an open circuit. The voltage remains high past  
the end of the pulse, due to the lack of discharge.

Rise / Fall Time Test



Output to 10 kΩ, with PRF = 1 kHz, AMP1 =  
+100V, AMP2 = -100V, PW = 2 us, ZOUT = 50Ω.  
50 V/div, 400 ns/div.