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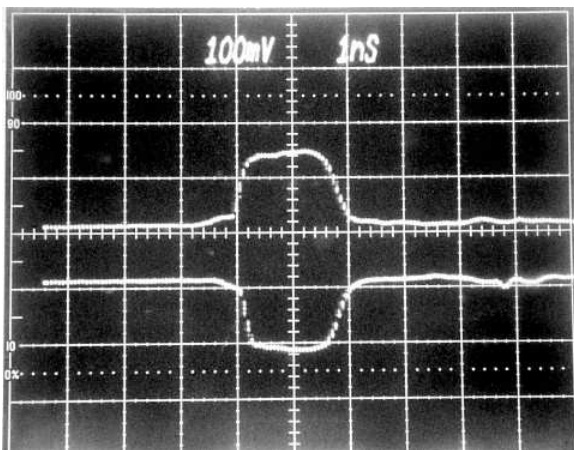
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PERFORMANCE CHECKSHEET

Model: AVP-AV-HV3-B-PN-UTXB  
S.N.: 11141  
Date: May 3, 2005

a) Output Signal Amplitude: 0 to ±25V



Top: +15V out, N=0. 10 V/div, 1 ns/div.  
Bottom: -15V out, N=15. 10 V/div, 1 ns/div.

b) Pulse Width (FWHM) : 0.4 – 2 ns

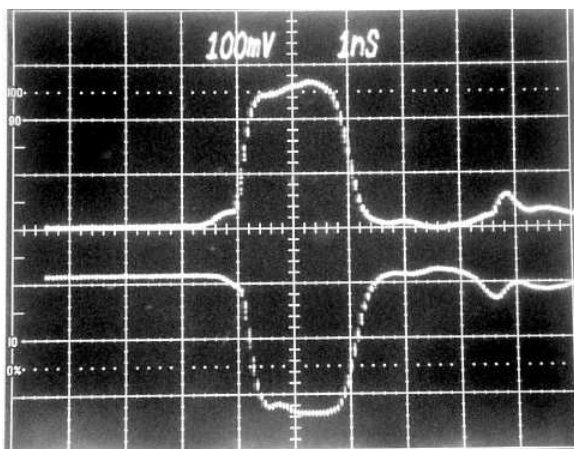
c) Rise Time (20%-80%): < 200 ps

d) Fall Time (80%-20%): < 400 ps

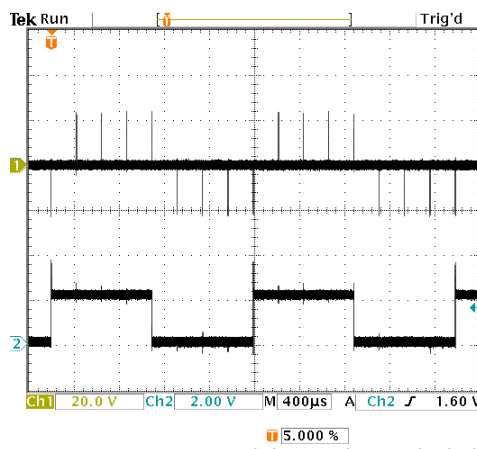
e) PRF: 1 Hz - 5 kHz

f) Jitter, Stability: OK

g) Prime Power: 100-240V AC, 50-60 Hz.



Top: +25V out, N=0. 10 V/div, 1 ns/div.  
Bottom: -25V out, N=15. 10 V/div, 1 ns/div.  
A small spurious signal is observed after the pulse at maximum amplitude. It is unavoidable.



Top: ±25V out, N=4 (alternating polarity). 20V/div.  
Bottom: "AMP" output (rear panel). 2V/div.  
Both: 400 us/div.

3 May 2005  
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