

PULSE GENERATOR  
PERFORMANCE CHECK

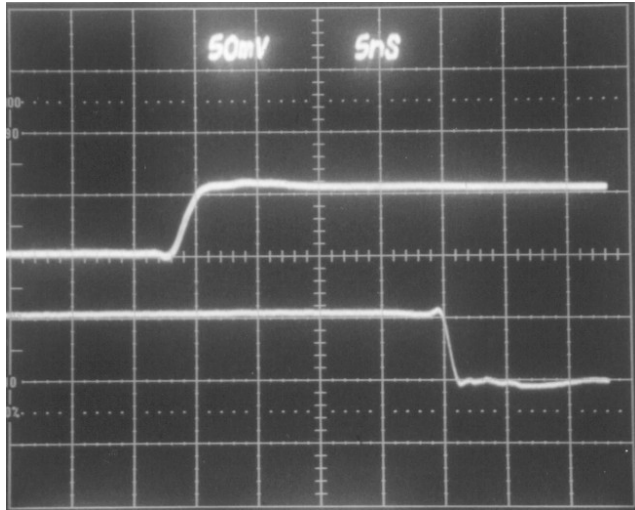
Model: AVMR-2-C-P-R5-APG2A

S.N.: 9477

Date: September 21, 2000

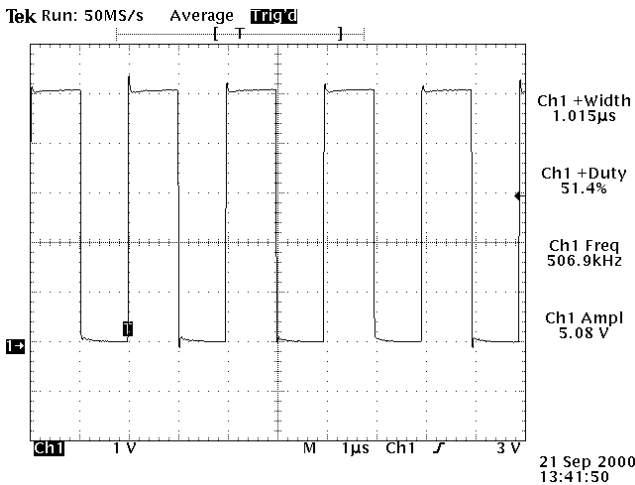
Delay Tests, SYNC to OUT Delays:

CH 1: 40.82 ns	CH 5: 40.66 ns	CH 9: 40.95 ns
CH 2: 40.75 ns	CH 6: 40.90 ns	CH 10: 40.72 ns
CH 3: 40.79 ns	CH 7: 40.87 ns	CH 11: 40.82 ns
CH 4: 40.95 ns	CH 8: 40.81 ns	CH 12: 40.77 ns



Top: Rise Time Check, 5V/div, 5 ns/div  
Bottom: Fall Time Check, 5V/div, 5 ns/div  
Both: 100 kHz, 100 ns pulse width, CH 12

- a) Output Signal Amplitude: +5V to  $R_L = 50\Omega$
- b) Pulse Width: 100 ns - 1 us  
(50% max. duty cycle)
- c) Rise Time:  $\leq 3$  ns
- d) Fall Time:  $\leq 3$  ns
- e) PRF: 0 - 500 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 120/240V AC, 50-60 Hz,



Maximum Duty Cycle Check, 1V/div, 1us/div, CH12