

PULSE GENERATOR
PERFORMANCE CHECK

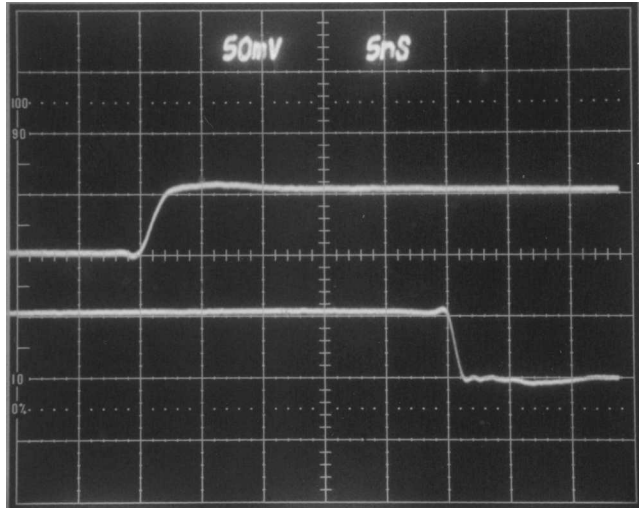
Model: AVMR-2-C-P-R5-APG2A

S.N.: 9478

Date: September 21, 2000

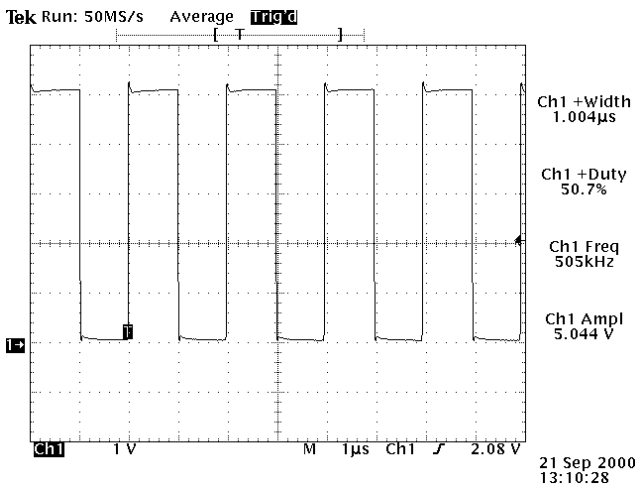
Delay Tests, SYNC to OUT Delays:

CH 1: 41.40 ns	CH 5: 41.44 ns	CH 9: 41.33 ns
CH 2: 41.20 ns	CH 6: 41.56 ns	CH 10: 41.38 ns
CH 3: 41.33 ns	CH 7: 42.46 ns	CH 11: 41.38 ns
CH 4: 41.20 ns	CH 8: 41.20 ns	CH 12: 41.35 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: ≤ 3 ns
- d) Fall Time: ≤ 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