

PULSE GENERATOR

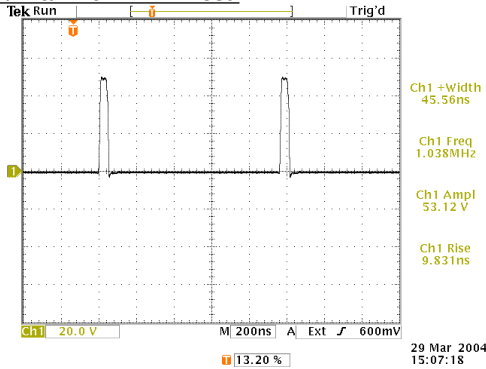
PERFORMANCE CHECK

Model: AV-1011-C-MSHA

S.N.: 10857

Date: March 29, 2004

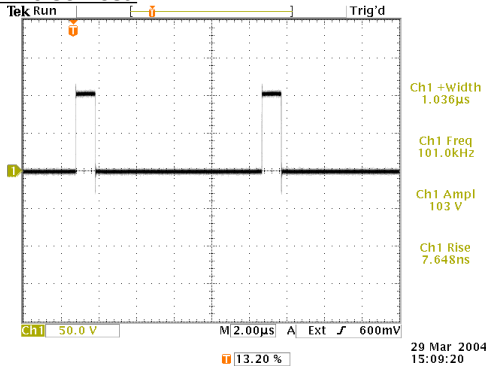
Narrow Pulse / Maximum PRF Test:



PRF > 1 MHz, PW < 50ns, +50V to 50Ω. 20V/div, 200 ns/div.

- a) Output Signal Amplitude: 0 to ±100V
($R_L \geq 50\Omega$)
- b) Pulse Width: 50 ns - 1 ms
(10% max. duty cycle at 100V)
- c) Rise Time: ≤ 10 ns
- d) Fall Time: ≤ 10 ns
- e) PRF: 0 - 1 MHz

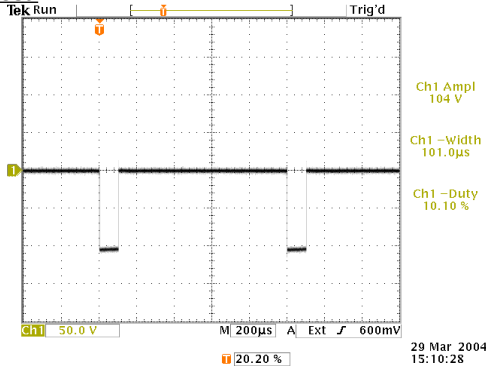
Medium Width Pulse Test:



PRF = 100 kHz, 10% duty cycle, +100V to 50Ω. 50V/div, 2 us/div.

- f) Jitter, Stability: OK
- g) Prime Power: 120 / 240 V AC, 50 - 60 Hz

Wide Pulse Test:



PRF = 1 kHz, 10% duty cycle, -100V to 50Ω. 50V/div, 200 us/div.

Reference levels: 10%, 90%.