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BOX 5120, LCD MERIVALE
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PERFORMANCE CHECKSHEET

Model: AVP-AV-1-C-2CHPN-AT-EO-M-AK1
Type: Ultra-High-Speed Pulse Generator
S.N.: 12006
Date: June 18, 2008

Output Amplitude: 0 to 10V, to 50Ω
Pulse Width (FWHM): 0.2 ns – 4 ns
Rise Time (20%-80%): ≤ 100 ps
Fall Time (80%-20%): ≤ 200 ps
PRF: to 1 MHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

Test Waveforms

100 kHz, +10V and -10V, near maximum pulse width. The P and N pulses were aligned using the delay control.

100 kHz, +10V and -10V, at less than the minimum pulse width. The P and N pulses were aligned using the delay control.

1 ns/div. 5 V/div (50 mV × 40 dB):

200 ps/div. 5 V/div (50 mV × 40 dB):

