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BOX 5120, LCD MERIVALE
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PERFORMANCE CHECKSHEET

Model: AVP-AV-HV3-C-AC03-DPP-M-MITA
Type: Ultra-High-Speed Pulse Generator
S.N.: 13336
Date: October 2, 2015

Output Amplitude: Doublet to $\approx 70\%$ of 40V
Pulse Width (FWHM): 0.4 ns – 2 ns
Rise Time (20%-80%): ≤ 150 ps
Fall Time (80%-20%): ≤ 600 ps
PRF: to 1 MHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

Test Waveforms

At 1 MHz, < 0.4 ns, maximum output, with both pulses set at the same delay (i.e., overlapping),

At 1 MHz, > 2 ns, maximum output, with a delay between the two pulses,

500 ps/div. 10 V/div (100 mV/div \times 40 dB):

1 ns/div. 10 V/div (100 mV/div \times 40 dB):

