



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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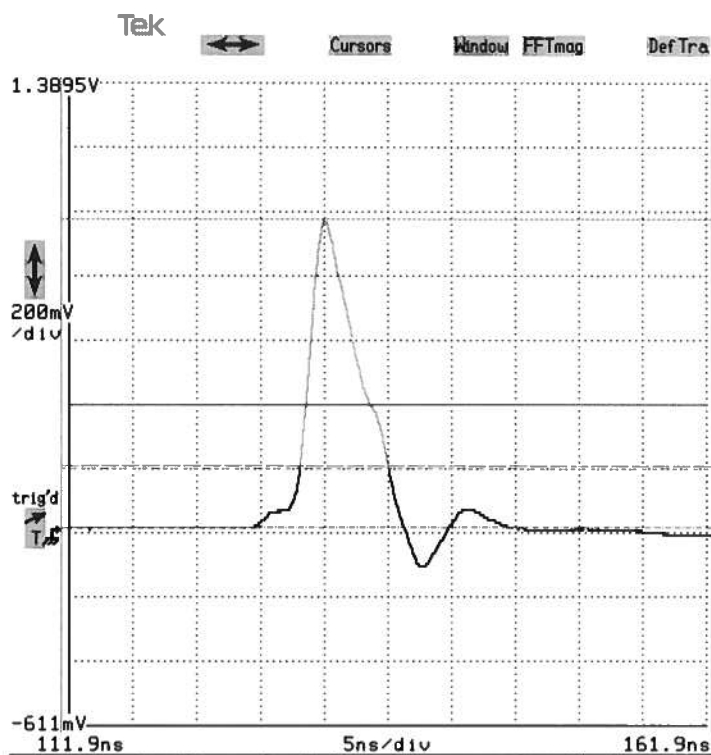
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BOX 5120, LCD MERIVALE
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PERFORMANCE CHECKSHEET

Model: **AVG-4C-C-M-P**
Type: **High-Voltage High-Speed Impulse Generator**
S.N.: **11741**
Date: **June 1, 2007**



Width	Rise	Fall	Measurements	Meas 20%
6.94167 ns	1.23835 ns	3.78671 ns		S/N Ratio 99
			Compare & Remove/Clr References	Trace 1 M1 Main

5 kHz, maximum amplitude, into 50 Ohms.
200 V/div (200 mV / div × 60 dB), 5 ns/div.

- a) Output Signal Amplitude: +150V to +1kV
- b) Pulse Width (at 20%): < 8 ns
- c) Rise Time (20%-80%): < 2.5 ns
- d) Fall Time (80%-20%): < 4 ns
- e) PRF: 1 Hz - 10 kHz
- f) Jitter, Stability: OK
- g) Prime Power: 100-240V AC, 50-60 Hz.

References levels: 20%, 80%.