



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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BOX 5120, LCD MERIVALE
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PERFORMANCE CHECKSHEET

Model: AVN-W2-C-P
Type: Ultra-High-Speed Pulse Generator
S.N.: 13598
Date: September 15, 2017

Output Amplitude: up to +8V, to 50Ω
Pulse Width (FWHM): 1 to 5 or 10 ns
Rise Time (20%-80%): ≤ 200 ps
Fall Time (80%-20%): ≤ 200 ps
PRF: 10 - 75 MHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

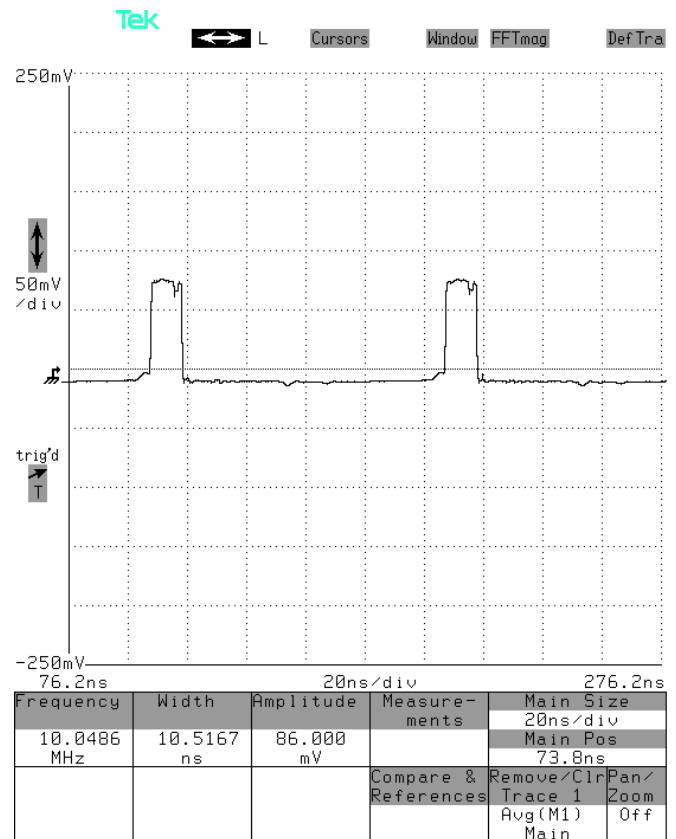
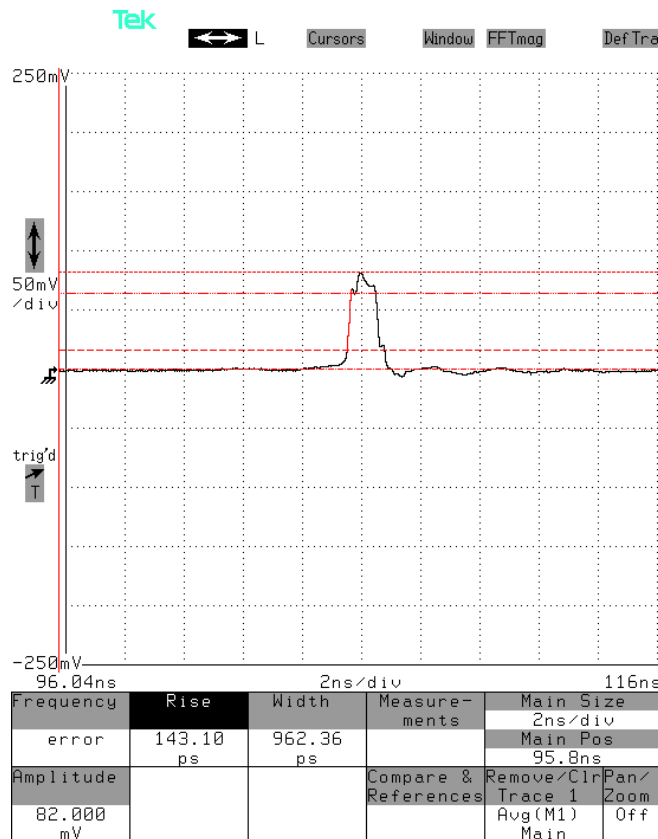
Test Waveforms

10 MHz, < 1 ns PW, > +8V,

2 ns/div. 5 V/div (50 mV/div × 40 dB):

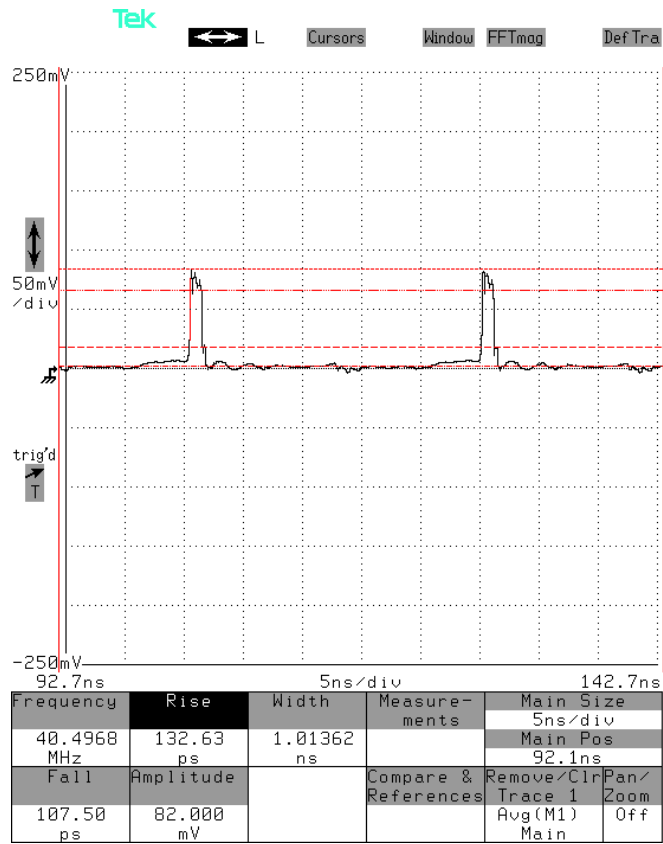
10 MHz, > 10 ns PW, > +8V,

20 ns/div. 5 V/div (50 mV/div × 40 dB):



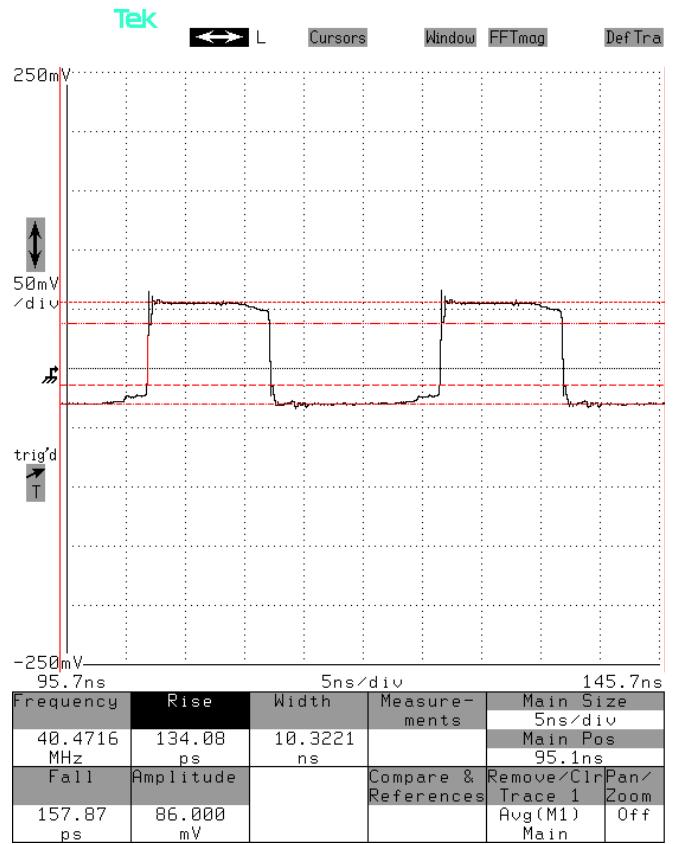
40 MHz, 1 ns PW, > +8V,

5 ns/div. 5 V/div (50 mV/div × 40 dB):



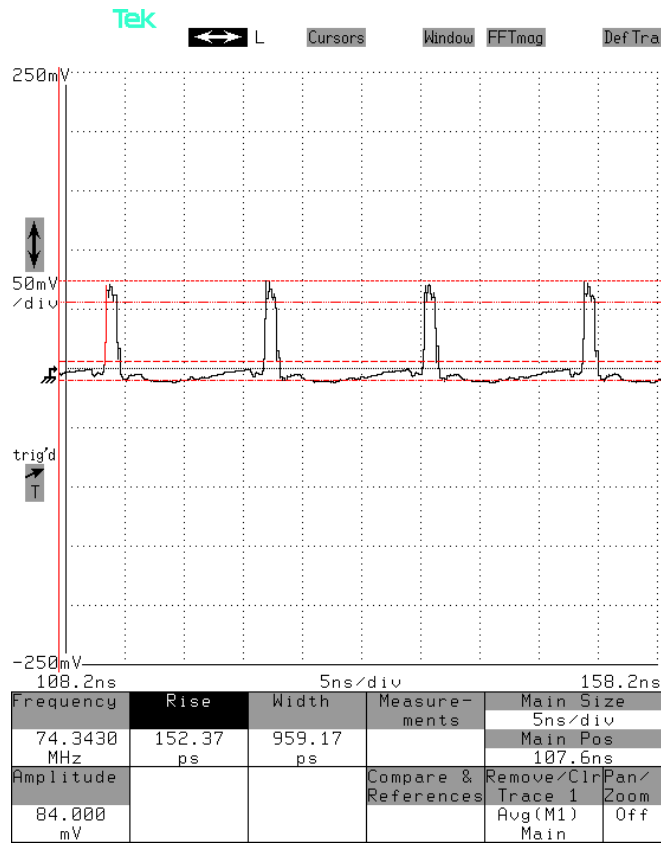
40 MHz, > 10 ns PW, > +8V,

5 ns/div. 5 V/div (50 mV/div × 40 dB):



75 MHz, < 1 ns PW, > +8V,

5 ns/div. 5 V/div (50 mV/div × 40 dB):



75 MHz, 5 ns PW, +8V,

5 ns/div. 5 V/div (50 mV/div × 40 dB):

