



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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☒ BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H5

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PERFORMANCE CHECKSHEET

Model: AVNN-1-C
Type: Ultra-High-Speed Pulse Generator
S.N.: 13183
Date: July 28, 2014

Output Amplitude: up to 5V, to 50Ω
Pulse Width (FWHM): 1 – 30 ns, 30-70% duty
Rise Time (20%-80%): ≤ 100 ps
Fall Time (80%-20%): ≤ 100 ps
PRF: 25 – 200 MHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

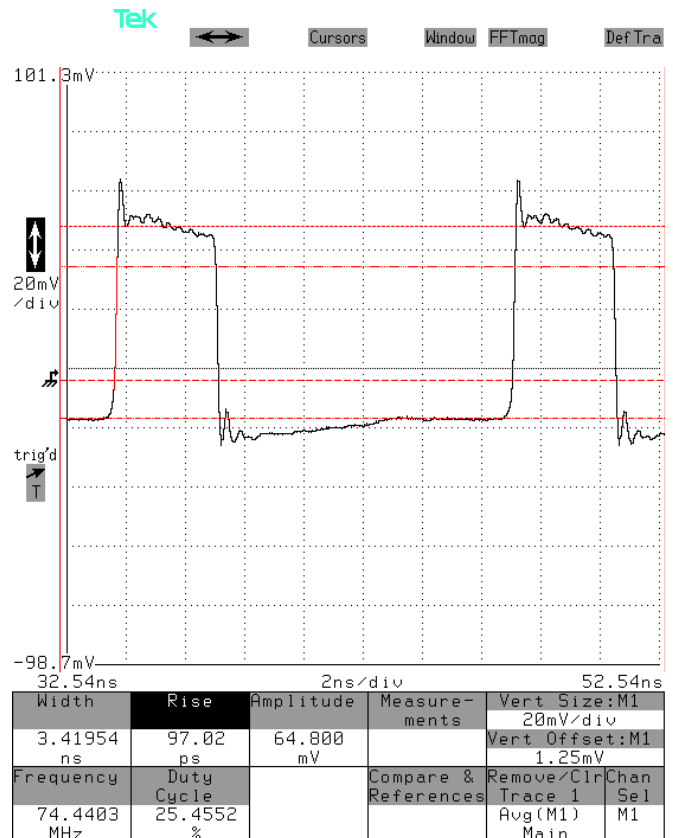
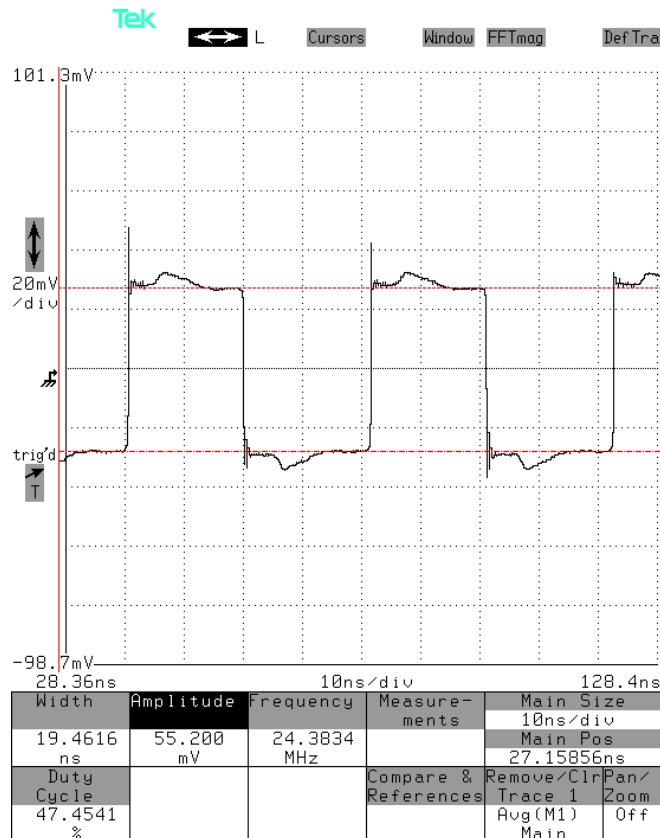
Test Waveforms

< 25 MHz, > 5 V_{P-P}

10 ns/div. 2 V/div (20 mV/div × 40 dB):

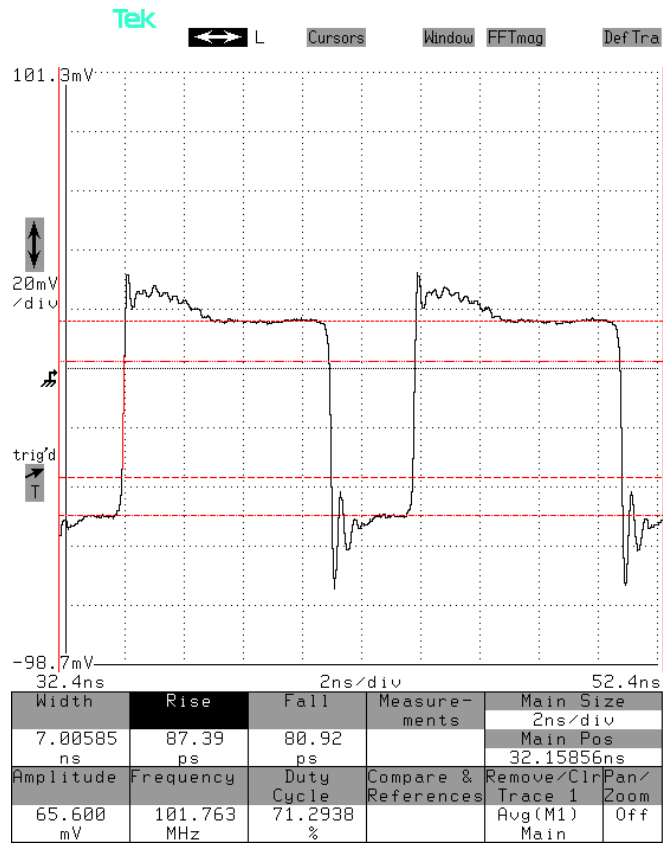
~ 75 MHz, > 5 V_{P-P}

2 ns/div. 2 V/div (20 mV/div × 40 dB):



~ 100 MHz, > 5 V_{P-P}

10 ns/div. 2 V/div (20 mV/div × 40 dB):



> 200 MHz, > 5 V_{P-P}

2 ns/div. 2 V/div (20 mV/div × 40 dB):

