



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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BOX 5120, LCD MERIVALE
OTTAWA, CANADA K2C3H5

PERFORMANCE CHECKSHEET

Model: AVI-MP-P
Type: Ultra-High-Speed Pulse Generator
S.N.: 14126
Date: May 10, 2021

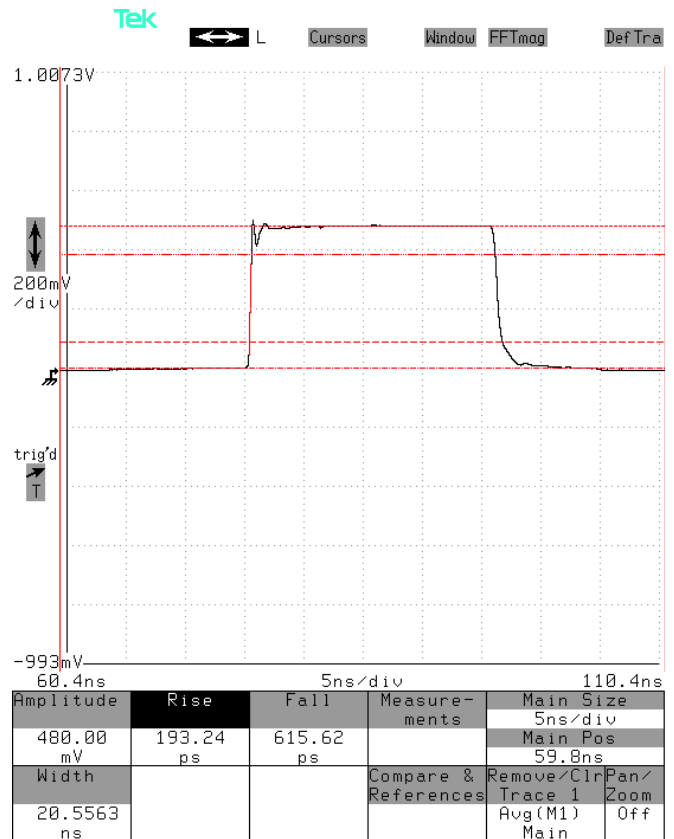
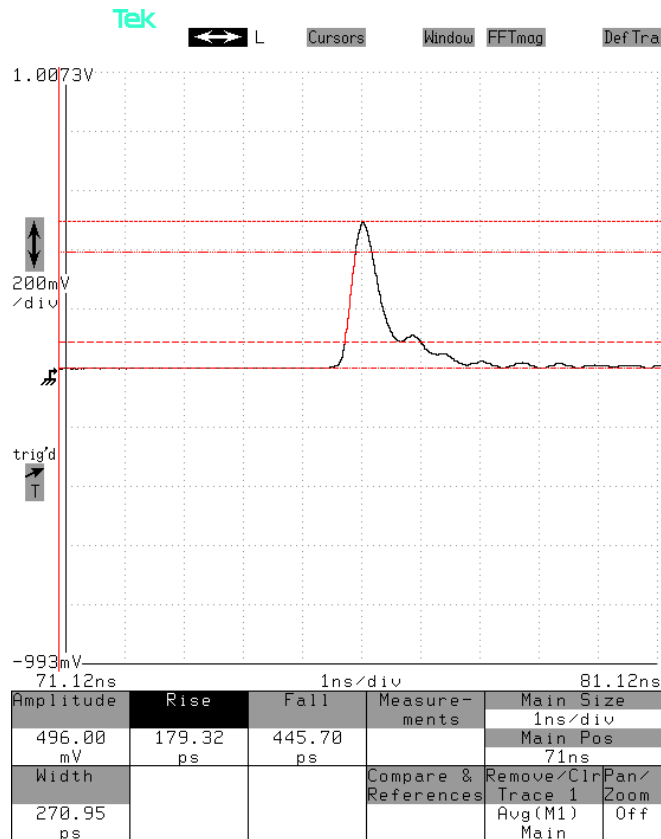
Output Amplitude: > 40V, to 50Ω
Pulse Width (FWHM): 2 – 100 ns
Rise Time (20%-80%): ≤ 350 ps
Fall Time (80%-20%): varies
PRF: 1 Hz - 1 MHz
Jitter, Stability: OK
Prime Power: +15V DC

Basic specifications: →

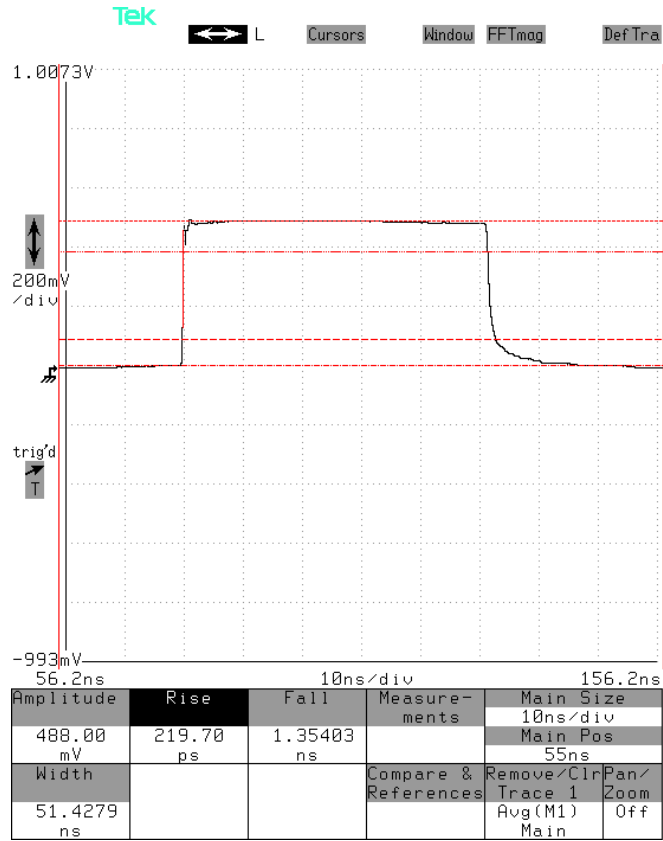
Test Waveforms

Output at 10 kHz with no PW cable attached,
1 ns/div, 20 V/div (200 mV/div × 40 dB):

With 6 feet of RG58C/U cable attached,
5 ns/div, 20 V/div (200 mV/div × 40 dB):



With 16.5 feet of RG58C/U cable attached,
10 ns/div, 20 V/div (200 mV/div × 40 dB):



With 33 feet of RG58C/U cable attached,
20 ns/div, 20 V/div (200 mV/div × 40 dB):

