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BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
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PERFORMANCE CHECKSHEET

Model: AVIR-3-B-OS-PN-GAL1
Type: Ultra-High-Speed Pulse Generator
S.N.: 12927
Date: November 12, 2012

Output Amplitude: up to $\pm 250V$, to 50 Ω
Pulse Width (FWHM): 10 – 100 ns
Rise Time (20%-80%): ≤ 2 ns for $C_L = 0$ pF
Fall Time (80%-20%): ≤ 2 ns for $C_L = 0$ pF
PRF: 1 Hz - 20 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

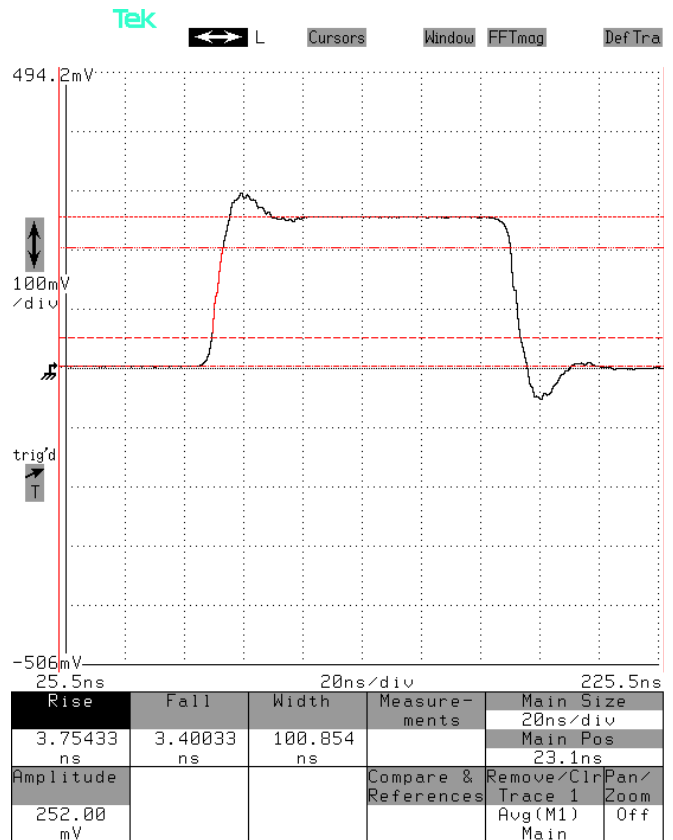
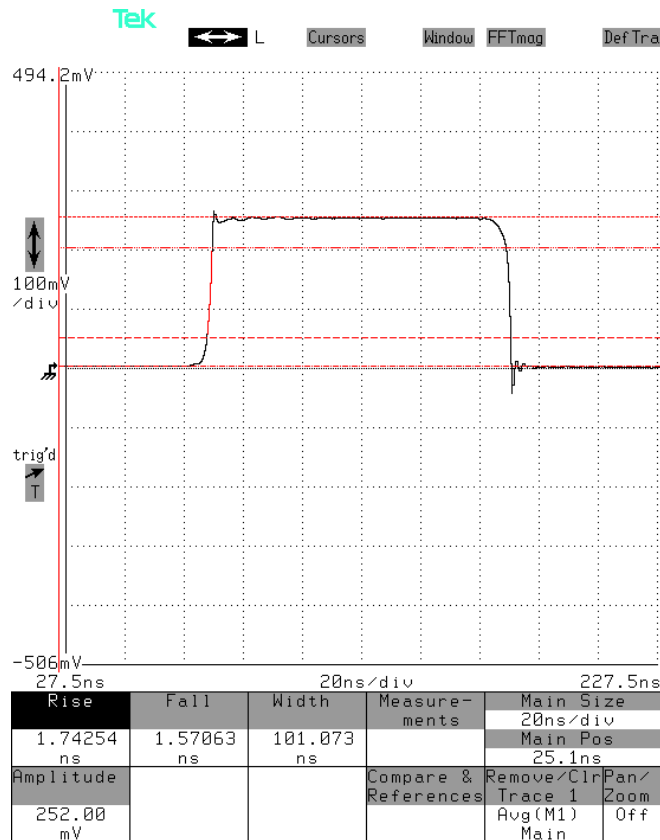
Basic specifications: →

Test Waveforms

20 kHz, 100 ns, +250V, $R_L = 50 \Omega$, $C_L = 0$ pF,

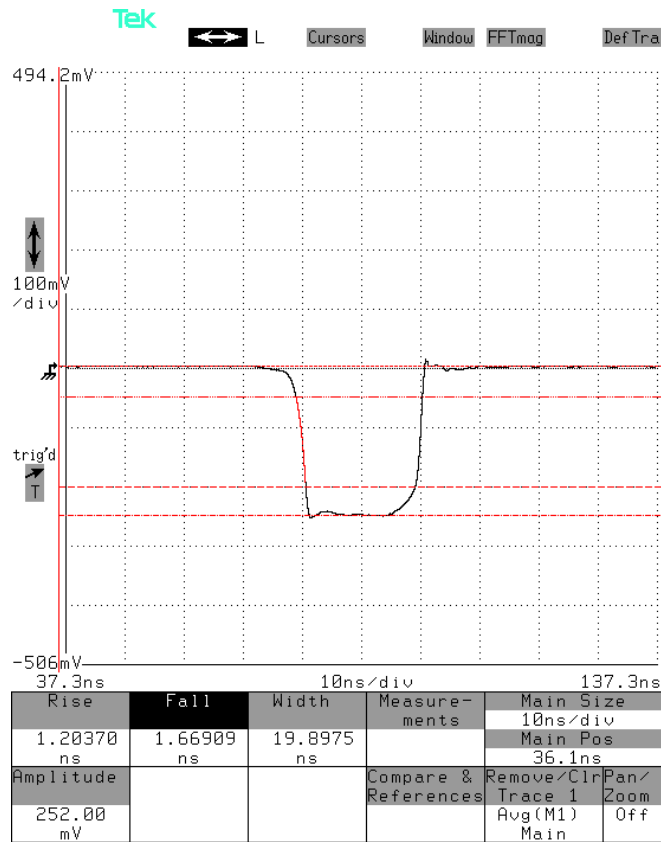
20 ns/div. 100 V/div (100 mV \times 60 dB):

Same, except $C_L = 100$ pF (at the end of 30 cm of coaxial cabling, going into the oscilloscope):



20 kHz, 20 ns, -250V, $R_L = 50 \Omega$, $C_L = 0 \text{ pF}$,

10 ns/div. 100 V/div (100 mV \times 60 dB):



Same, except $C_L = 100 \text{ pF}$ (at the end of 30 cm of coaxial cabling, going into the oscilloscope):

