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BOX 5120, LCD MERIVALE
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PERFORMANCE CHECKSHEET

Model: AVR-EBT1-B-MS2
Type: Step Recovery Diode Test Pulser
S.N.: 13408
Date: May 18, 2016

Output Amplitude: -1V to -10V, to 50Ω
Pulse Width (FWHM): 20 ns nominal
Rise Time (20%-80%): ≤ 300 ps
Fall Time (80%-20%): N/A
PRF: 1 Hz - 10 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

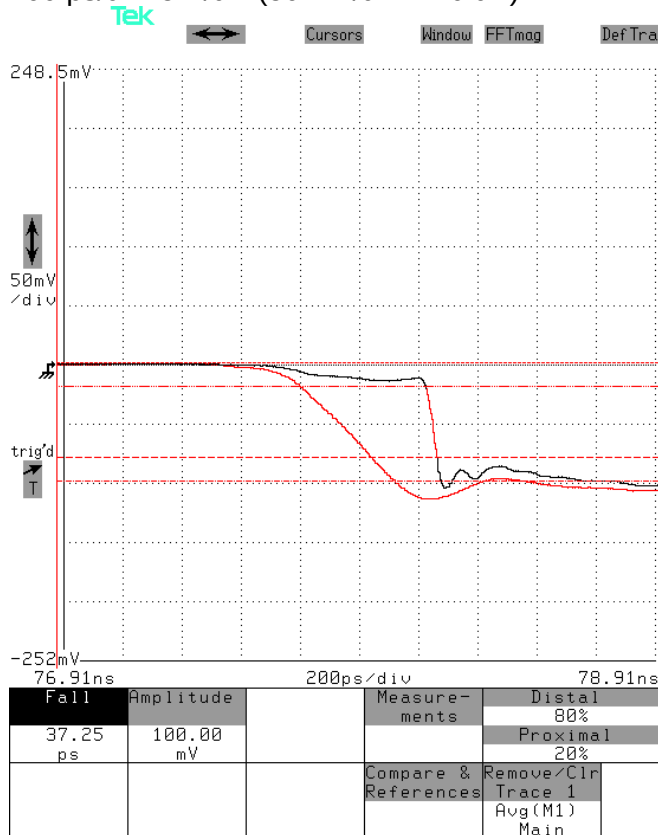
Test Waveforms

M-Pulse Microwave MP4022 in the AVX-TT-30A jig, with the pulse amplitude = -10.6V, DC current = +10 mA, 10 kHz PRF,

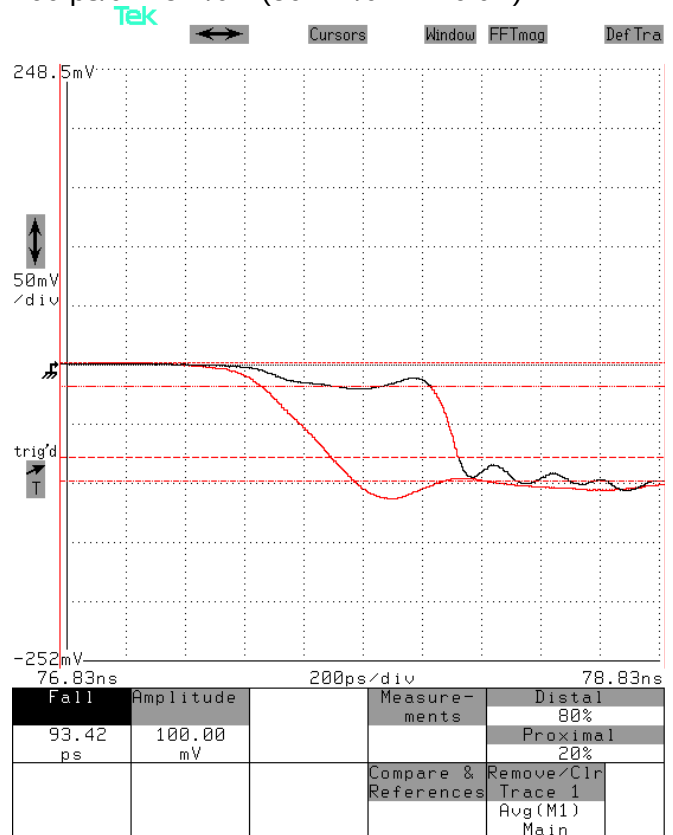
Microsemi 2520-42 in the AVX-TT-42A jig, with the pulse amplitude = -10.6V, DC current = +10 mA, 10 kHz PRF,

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

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



Black = with DUT installed,
Red = with DUT removed.



Black = with DUT installed,
Red = with DUT removed.

Mainframe output with no test jig, 10 kHz, -10V,

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

