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

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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: →

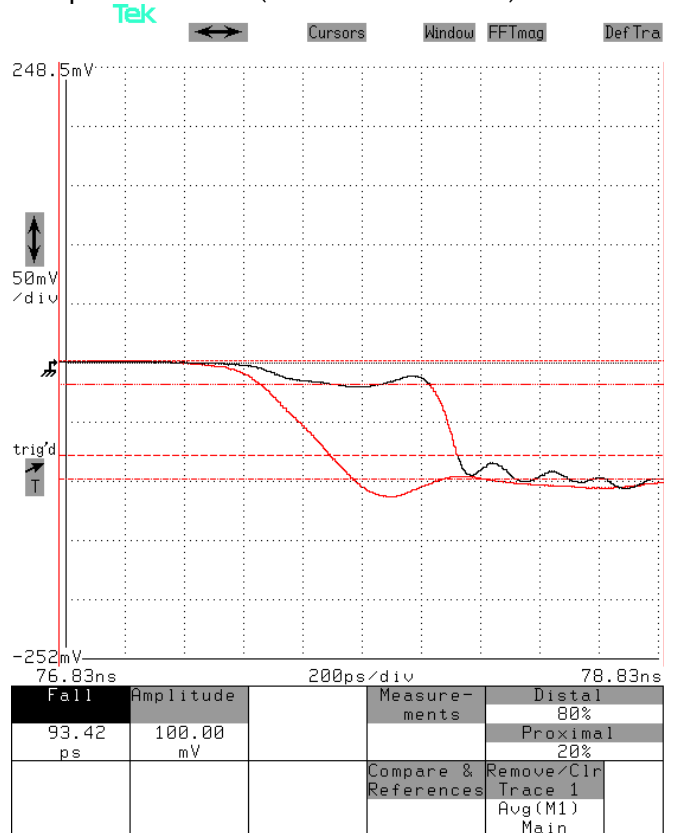
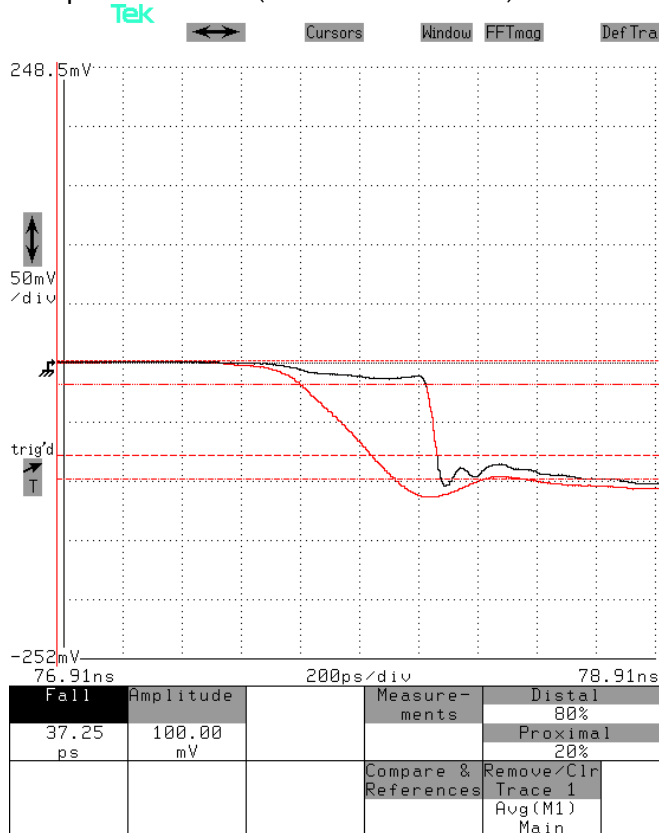
Test Waveforms

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):

