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BOX 5120, LCD MERIVALE  
OTTAWA, ONTARIO  
CANADA K2C 3H4

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PERFORMANCE CHECKSHEET

Model: AVIR-4-C-EA-EW-R5-P  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 13780  
Date: September 28, 2018

Output Amplitude: up to +200V, to 50Ω  
Pulse Width (FWHM): 4 – 200 ns  
Rise Time (20%-80%): ≤ 2 ns  
Fall Time (80%-20%): ≤ 2 ns  
PRF: 1 Hz - 20 kHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

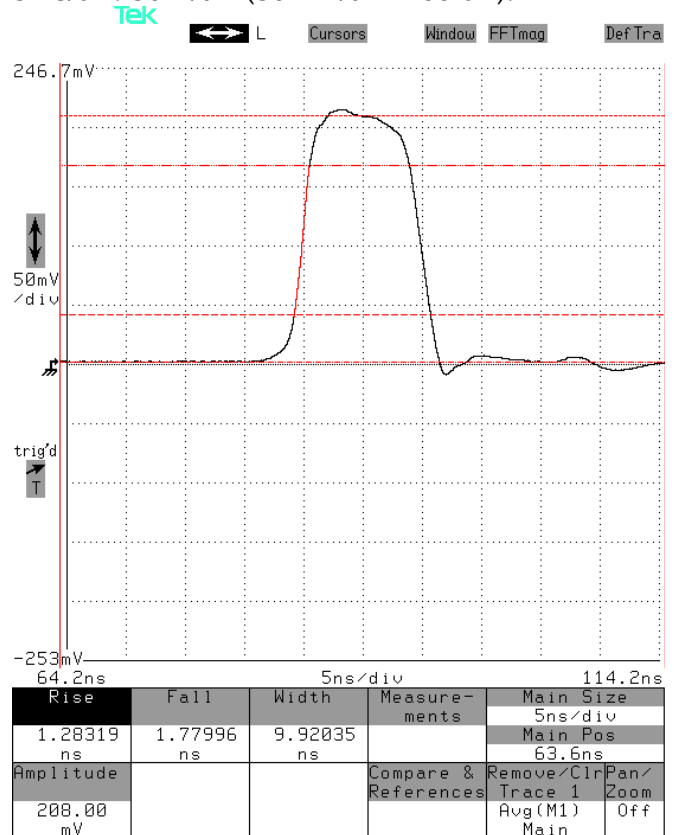
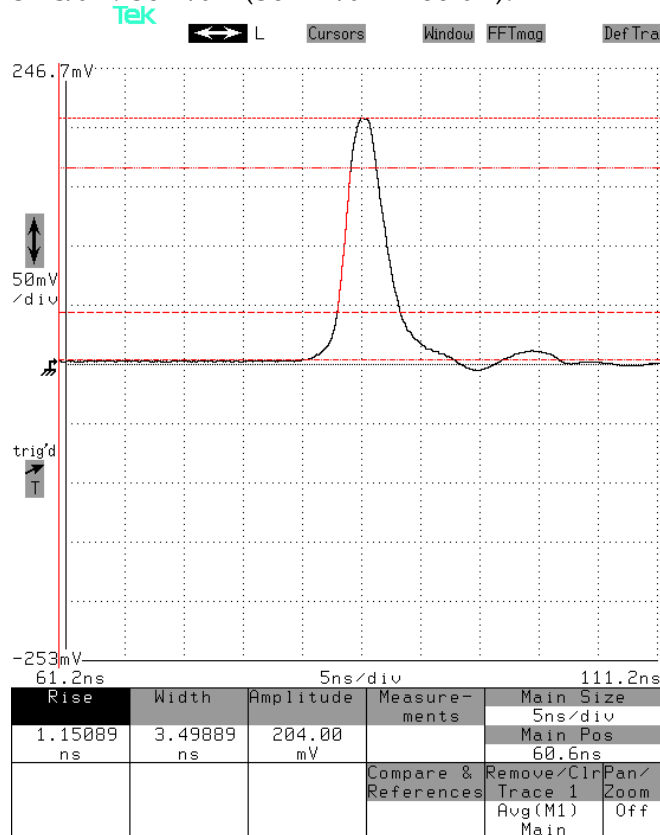
Test Waveforms

20 kHz, < 4 ns, > +200V,

20 kHz, 10 ns, > +200V,

5 ns/div. 50 V/div (50 mV/div × 60 dB):

5 ns/div. 50 V/div (50 mV/div × 60 dB):



20 kHz, 50 ns, > +200V,

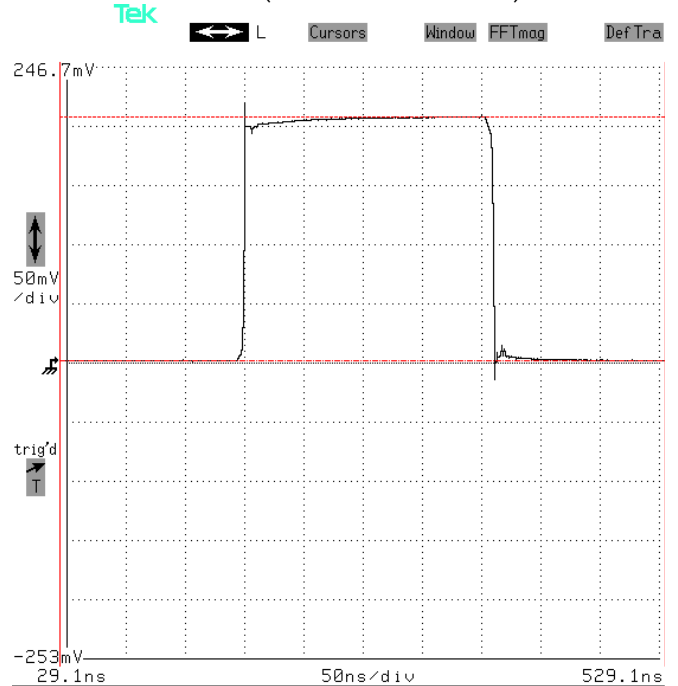
10 ns/div. 50 V/div (50 mV/div × 60 dB):



Rise	Fall	Width	Measurements	Main Size
1.29583 ns	909.78 ps	49.7833 ns		10ns/div
				Main Pos
				113.6ns
Amplitude			Compare & References	Remove/Clr Pan/Zoom
202.00 mV				Avg(M1) Off

20 kHz, > 200 ns, > +200V,

50 ns/div. 50 V/div (50 mV/div × 60 dB):



Width	Amplitude	Measurements	Main Size
210.274 ns	206.00 mV		50ns/div
			Main Pos
			23.1ns
		Compare & References	Remove/Clr Pan/Zoom
			Avg(M1) Off