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(54) Title: SURFACE MAPPING AND 3-D PARAMETRIC ANALYSIS

(57) Abstract: A display for displaying acquired waveforms from an oscilloscope. An x-axis measurement designating time during an acquisition trace, a y-axis measurement designating one or more acquisition traces, and a z-axis measurement designating an amplitude at at least one point of one or more of the acquisition traces are provided. The z-axis is indicated by a color difference, thereby displaying a surface map.



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