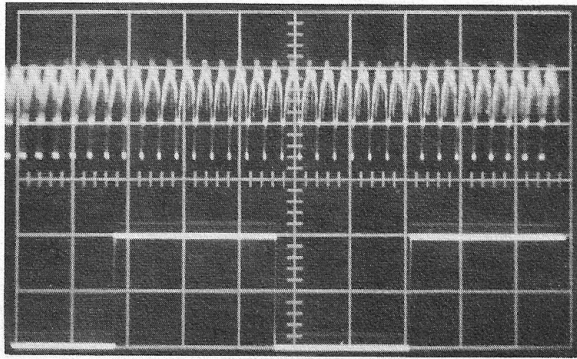
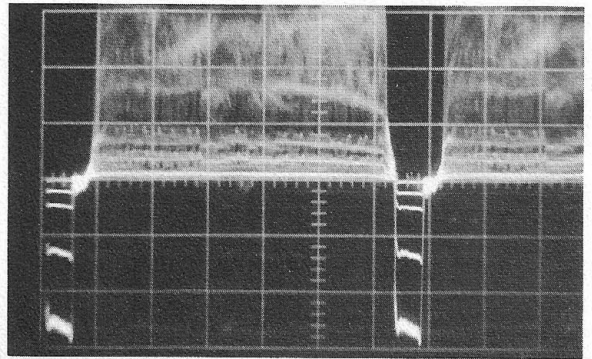


Typical video waveform displays showing the capabilities of the Type V Video Plug-In Unit in a Tektronix Type 533 Oscilloscope. Photographs were taken with a Tektronix Type C-12 Camera. Film was Polaroid* 44.
*Registered trademark of the Polaroid Corp.



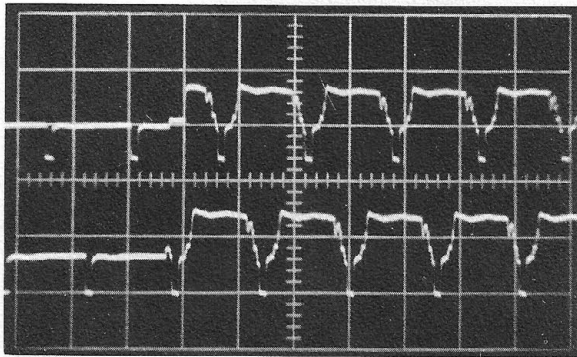
Top: Video signal. Bottom: 1 v calibrator signal.
Sweep speed 200 $\mu\text{sec}/\text{cm}$.

Display shows dual-trace capabilities of the Type V unit. Both channels have a bandwidth of 15 mc (3 db) in the Normal filter position. In the Flat position the response is flat within 1% to 10 mc.



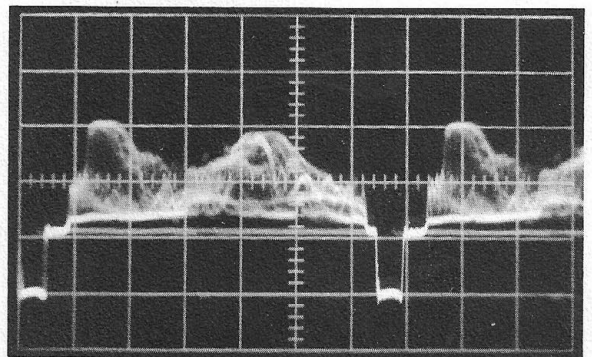
Sweep speed 50 $\mu\text{sec}/\text{cm}$. Vertical sensitivity 0.5 v/cm.
Sweep speed 10 $\mu\text{s}/\text{cm}$

Keyed line-by-line clamp. Video signals of 3 volts to 50 mv are shown clamped to the backporch level. This feature allows easy set-up measurements. (multiple exposure)



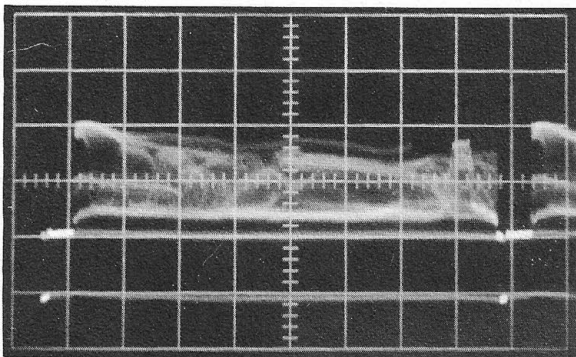
Vertical sensitivity 1 v/cm. Sweep speed 500 $\mu\text{sec}/\text{cm}$.
Sweep speed appears to be $\sim 42 \mu\text{s}/\text{cm}$ uncalibrated

Alternate mode display shows portion of two interlaced fields. Sweep triggered by "V" triggers. X10 horizontal magnifier was used.



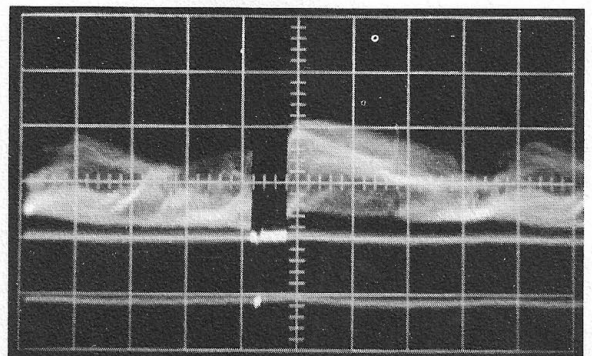
Vertical sensitivity 0.5 v/cm. Sweep speed 20 msec/cm.
Sweep speed is 10 $\mu\text{s}/\text{cm}$

Single channel display shows the solid triggering of the Tektronix Type 533 Oscilloscope with the Type V unit trigger pulses. Output Rate switch set at H position.



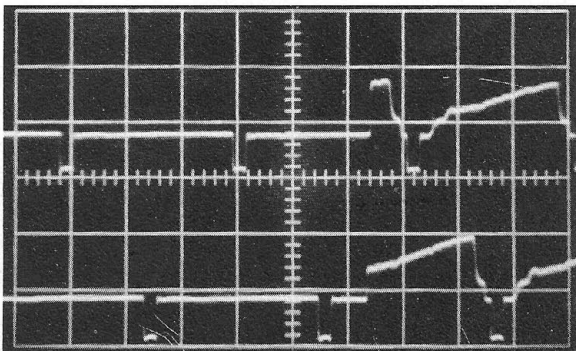
Vertical sensitivity 1 v/cm. Sweep speed 500 $\mu\text{sec}/\text{cm}$.
Sweep speed 2 mS/cm, since a field takes 16.67 ms

Field-rate triggers allow display of one complete vertical field. Output Rate switch at V position.



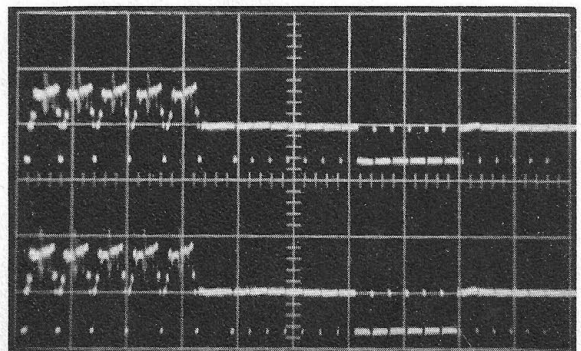
Vertical sensitivity 0.5 v/cm. Sweep speed 20 msec/cm.
Sweep speed 2 mS/cm

Illustrates the sync delay capabilities of the Type V unit. V/2 triggers initiate the oscilloscope sweep at a time, after the vertical group, which is determined by the position of the Sync Delay control.



Vertical sensitivity 0.5 v/cm. Sweep speed 20 $\mu\text{sec}/\text{cm}$.

The top waveform shows field #2. The bottom waveform was taken after the Field Shift switch was pushed once. It shows field #1. Taken with approximately 170 msec delay. (double exposure)



Vertical sensitivity 1 v/cm. Sweep speed 100 $\mu\text{sec}/\text{cm}$.

The V/2 position allows viewing of the same field on both channels when using the Alternate mode of operation. Photo taken with approximately 160 ms of delay and a sweep speed of 100 $\mu\text{sec}/\text{cm}$.