**IWATSU SS5710**

1. **Use of delayed sweep for waveform magnification**

Magnification - \_lirne/div At higher frequencies values for

G time/div

A time/div will be small. rhus there are limits on use of method .

App.ly signal (probably ch 1 or ch 2)? (say l kHz) Set A tirnebase (say 1 rnsec/div)

Set 8 timebase (say 0.2 1nsec/div)

Set of Switches

A coupling

Switch

As appropriate

(a\_s: say)

Comment

Usual waveform display

A source

(Trigger) mode

Horiz disp-lay

B source

Hori *z* di sp-1 a\_y

As appropriate auto or normal

A

!\_llns after j\_ l

A intenl$Tfied)

(c\_ \_l\_ say

Sig locks (Hold off may be required forcomplex pulse waveforms)

(Trigger) level for A can be set ·-----

Display still as usual

Part of display brightened

Horiz display

Horiz display

Alter--de1ay t\_i\_!ll\_ --' Lt(i pl i er)

B dly'd

alt

Alter· tra\_c:: separation

Increase B timebase speed

Gright part shifted continuously

Magnified display of bright

part

*2* 1 \_ . (Partly bright display

1 < ces( '•1·ag111·f1·ed d1"sp1 ay of

(bright part

Sl1 1 fts rnagnified disp1 ay

Vt'rtically

Magnification increased

The above procedure gives continuous delay.

At high magnification jitter may occur. This may be re::!uced by using

B trigger delay procedure.

Continue as follows :

B source

ch 1 (assuming signal

··--into ch 1)

Alter delay time mull

Bright up start point now controlled by level B Bright up part shifts a discrete distance

Delay time between two start points

2. **To display 4 channels**

A time/div x difference between corresponding delay time mult values

(Vertical) mode guad plus (alt or chqQ) fh1c; is necessary condition

3. **To display 8 channels**

Apply delay sweep procedure (either continuous or B trigger delay)

when in 4 channel display.