

HITACHI V-1050 SCOPE info?

By G8MNY

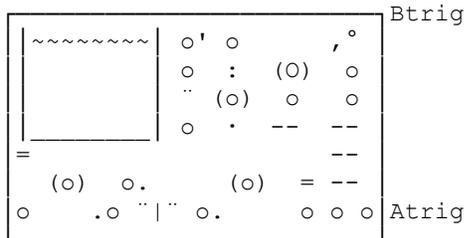
(New Mar 09)

(8 Bit ASCII Graphics use code page 437 or 850)

Hi & thanks for reading,

I bid for this faulty 100MHz dual beam scope at a club junk sale & won it for only £1.50. It had no handbook so I had to fault the "no display" problem blind. I found a short circuit 22V zener in the complex brilliance circuit, & I also replace the EHT shroud that was missing, obviously someone had been there & gave up on it.

There was also a poor blanking fault & the brilliance altered the focus a bit. This proved to be a PNP again on the EHT unit, a grounded base transistor blanking amp that was a short & had no gain, hence the current drain on the supply to alter the brilliance & defocus.



Y1

Y2 Earth

Well it now works quite well, but I also found there was a fault in the dual timebase mode control, as there seems to be no difference between A timbase & A intensified with B timebase. Tracing the mode track from the switch via diode gates, the his proved to be a non soldered through plated hole not bridging both side of the PCB tracks together on the trigger board, must have been like that since new!

Any information on this old piece of testgear would be very welcome.

Why don't U send an interesting bul?

73 De John, G8MNY @ GB7CIP