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/  IFR spectrum analyzer 7550 CRT to LCD conversion experiments...works...(and other IFR equip. like 8000?)




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## IFR spectrum analyzer 7550 CRT to LCD conversion experiments...works...(and other IFR equip. like 8000?)



claude

Sep 21  (<https://groups.io/g/IFR-Monitors/message/1284>)

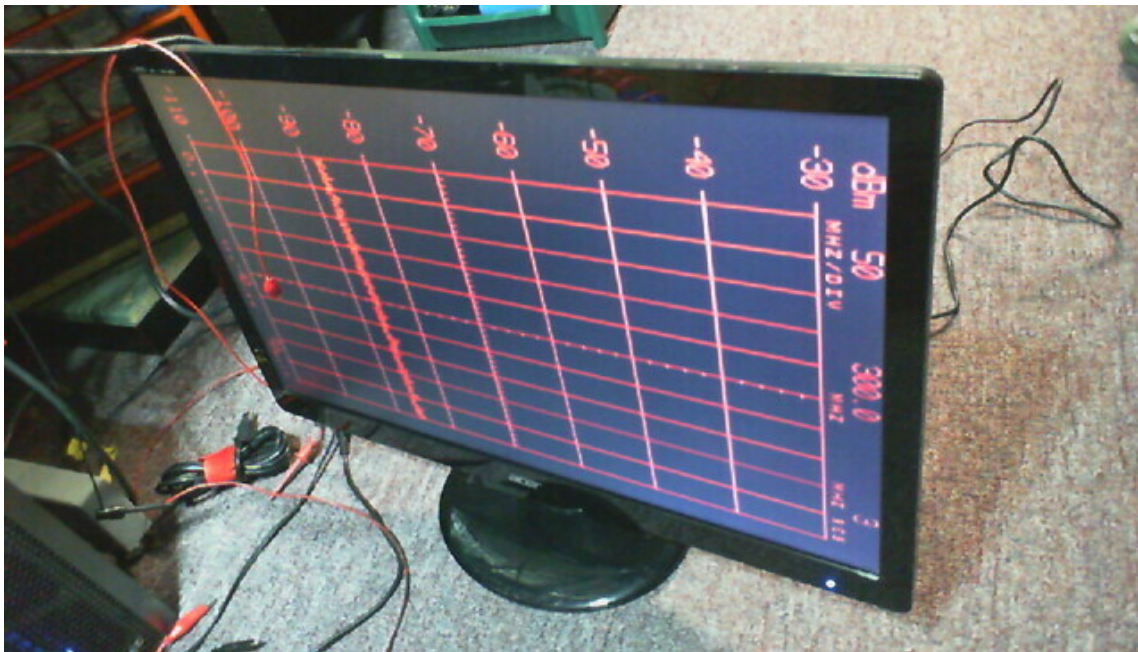
Hi all

I own 3 IFR spectrum analyzers (not found a cheap IFR radio test set yet). 2 with CRTs that are pretty weak.

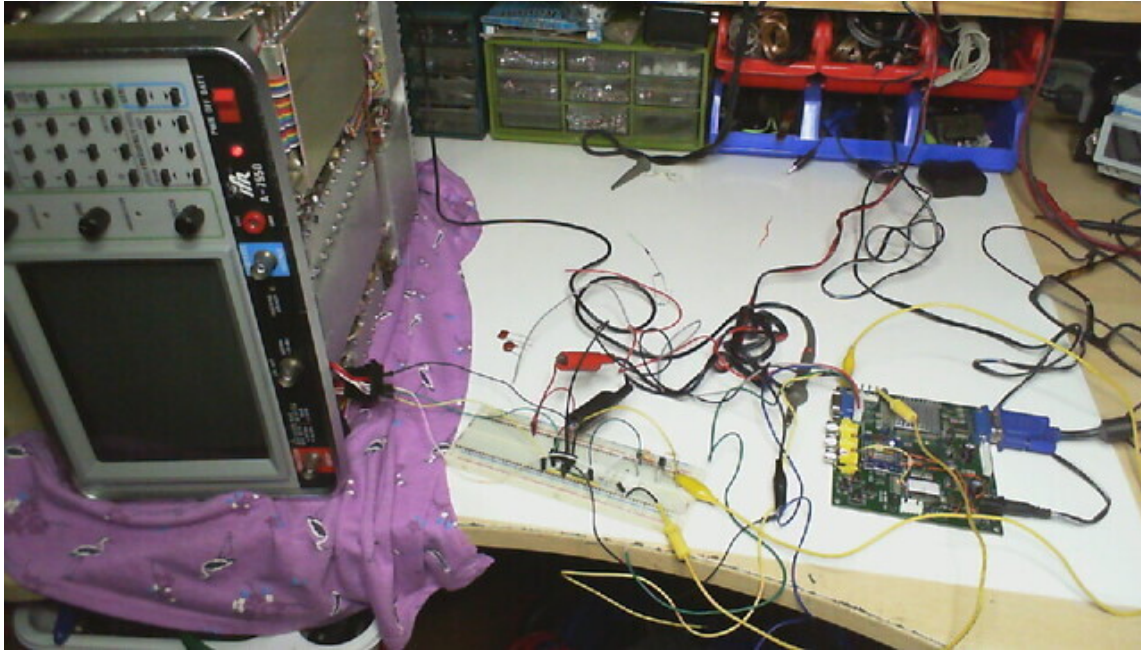
I decided to try to use cheap GBS 82xx scaler board flashed / modded with GBScontrol to see if I can swap to an LCD display.

In the 7550 and 8000 (?) CRTs are Computron units that use 19.2khz and 75hz sep. sync...to CRT J65001 8 pin connector.

Early experiments using GBSControl seem to show it works...See 7550 display on standard LCD monitor...video from 7750 is connected to red input to GBS board so display is red for now...simply using Green input would mimic original CRT color...



Inverting and combining sync and adjusting levels before going to GBS board was needed...but might not all be necessary...more testing to do...all this would fit easy in the space the CRT occupies.



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