

<b><u>MODELS</u></b>	<b>56FW53H</b>	<b>66FW53H</b>	<b>76FW53H</b>	<b>66FW64H</b>
	<b>76FW54H</b>	<b>66GF63H</b>	<b>66GF64H</b>	<b>76GF63H</b>
	<b>76GF64H</b>	<b>28HW53H</b>	<b>32HW53H</b>	

**SYMPTOM** RGB lines at top of screen / picture brightness ramps up to white screen or down to black screen.

**CAUSE** A number of faults can cause the above symptom.

1. Corrupt NVM data.
2. Incorrect compensation of the RGB signal due to errors in the sense feedback circuitry. This can be due to Q912 being leaky.
3. Incorrect setting of the screen control on the line output transformer.

**ACTION** Take action as required.

1. Reflash the NVM with the default data from this site – ensuring the correct data is applied for the CRT type and Device permutations (see CTV 2002 04 01)
2. Replace Q912 with correct type (this is imperative)
3. Set up the screen setting (G2) as per the bulletin CTV2000 01 04

<b><u>REF NO</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>PART NUMBER</u></b>	<b><u>PRICE CODE</u></b>
Q912	BC337-40	RH-TX0218BMZZ	AA

**Notes**

- If Q912 gets hot during operation fit a 68Ω, 0.5W resistor on the print side of the PWB between the collector and emitter of this device. Use part number VRD-RA2HD680J to obtain the resistor.
- Although Q912 may read correct, replacement is recommended where intermittent picture problems have been reported.
- The RGB lines at the top of the screen are a definite indicator of NVM corruption (unless a clear frame foldover has occurred).
- The picture brightness will appear to correct itself in service mode.
- In some severe cases the RGB driver IC1801 may need to be replaced. As parts differ by model number please use the service manual to verify part number (or parts listings from the Sharp Technical Web site).

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Reference JR29042003-6

Revision 2

White – Carry out as required

Yellow – Carry out as required and whenever the unit comes in for service

Red – Carry out on all units