

TELEVISION TECHNICAL BULLETIN

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| <u>MODELS</u> | 56FW53H | 66FW53H | 66FW54H | 76FW53H |
| | 76FW54H | 59ESD7H | 66ESD7H | |

REASON Simplified procedure for the G2 and Grey Scale adjustments.

ACTION Follow the procedure below to set the G2 and Grey scale.

1. Tune the set to the output of a RF signal generator (cross hatch pattern).
2. In the user menu, set the picture levels to the FACTORY settings.
3. In the user menu, set the tint control to its central position.
4. Enter the test mode (see service manual for procedure).
5. Set the ABL levels in the NVM by adjusting positions 60, 61, 62, 63, 64 and 65 on page 00 to read 80. Store each location by pressing the standby button on the remote control.
6. Adjust the G2 and grey scale as below.

When adjusting the grey scale the following boxes will appear on the screen.

| | | | |
|-----------|---------|---------|--------|
| | (RED) | (GREEN) | (BLUE) |
| (GAIN) | ** | ** | ** |
| (CUT OFF) | e.g. 70 | ** | ** |

- i. Using a grey scale signal set the G2 so that the display in the Red cut off box reads between 60 and 80 as above.

NB. When adjusting the grey scale, the figures displayed in the boxes are an indication of the CRT's performance only. The data to be adjusted is contained in the box at the bottom right corner of the picture.

- ii. To adjust the grey scale firstly set the Red Cut-off level to 32 and the Red Gain to 50.
- iii. Leave the Red Cut-off and Gain as above and adjust Green and Blue Cut-off and Gain to achieve correct grey scale tracking. As with all grey scale adjustments it will be necessary to re-adjust the settings to achieve good tracking.

These adjustments are for guidance only. If any problems should be encountered the adjustments should be carried out using a Colourimeter as explained in the service manual.