Exhibit 6

BRIEF DESCRIPTION OF CIRCUIT FUNCTIONS

105B 70KHz COLOR MONITOR

General Description :

The Philips 105B is a digital controlled auto-scan color display monitor with low emission CRT. This monitor is suitable for video timings in the range from 30-70khz horizontal and 50-160hz vertical frequencies.

1. Power supply.

The main power supply is build around the controller IC TDA1504, which drives the MOSFET 7101 (MTP6N60).
It is a fixed frequency (77khz) voltage mode configuration with secondary sensing via optocoupler.
The secondary supplies the following voltages: +180v, +80v, +13v, +8v, +5v, -6v, -13v.
For power saving and fault conditions, the IC can be set into low frequency burst mode via SCR 7115 (BT169B).

2. Micro processor

The micro processor controls various functions:
H/V/SOG Sync input detection, sync output generation, I^2C control for the Sync/Video/OSD processor, mode detection, S-cap switching, H-dc-shift, power saving On/Suspend/Off switching , User control and Factory alignment interfacing.
DDC can be either done via micro processor or external DDC EEPROM.
Most User size/centering/geometry and color controls are done by I^2C control, some auxiliary function re via PWM output.

3. Sync processing

The H- and V-sync processing is taken care of by 7501 (TDA4841PS), which takes care of the following functions: H/V-sync tracking and catching, H-phase and Drive, E/W size and geometry, Video clamping and blanking, H-defection B+ control, X-ray protection, V-size/shift and linearity control and V-driver, power saving suspend.
All adjustment controls are controlled via I^2C control.

4. Vertical output.

The vertical drive signal from the TDA4841PS is amplified and boosted via the output booster 7401 (TDA8177F). It operates as a power differential amplifier, supplied from +13v and –13v.
A +45v external voltage is used during flyback.

5. Horizontal deflection.

The H-deflection is build around the diode modulator circuit, with takes care of generation of deflection current, E/W size and geometry control and EHT generation.
Three switchable S-capacitor stages are implemented, as well as a DC controllable linearity coil.
The Drive signal is amplified by the B+ controller 7603 (MTP6P20E), which amplifies the PWM signal from TDA4841PS.

6. Rotation circuit.

The screen rotation is controlled via a adjustable DC current into the CRT rotation coil. OP. Amp 7621 and pushpull booster take care of this.

7. Video amp.

Video R.G.B signals are amplified by pre-amp. TDA4886 & real amp. LM2437T, then into the cathodes of CRT