

Electrical Adjustments - Toshiba S5ES Series Service Manual

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ELECTRICAL ADJUSTMENTS

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ELECTRICAL ADJUSTMENTS

ADJUSTMENT PROCEDURE

1. Enter the service mode, then input AV1 black cross-bar pattern with signal generator.
 2. Adjust the FOCUS control (on T461) for well defined scanning lines on the picture screen.

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ITEM

FOCUS VR ADJ

SUB-BRIGHTNESS
 (BRTC)

1. Input AV1 "5 steps pattern" with video signal generator.
 2. Set **CONTRAST** to minimum and **BRIGHTNESS** to center by adjusting user









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ELECTRICAL ADJUSTMENTS

1. Input AV1 "5 steps pattern" with video signal generator.
2. Set CONTRAST to minimum and BRIGHTNESS to center by adjusting user controls.
3. Enter Service mode and press CH s/t to select BRTC.

ELECTRICAL ADJUSTMENTS

ITEM	ADJUSTMENT PROCEDURE
<p>FOCUS VR ADJ.</p> <p>4. Press ; -/+ buttons to adjust BRTC until step 0 and step 1 has the same blackness.</p> <p>5. Exit service mode and press  button to set picture mode to DYNAMIC.</p>	<ol style="list-style-type: none"> 1. Enter the service mode, then input AV1 black cross-bar p 2. Adjust the FOCUS control (on T461) for well defined screen.
<p>SUB-BRIGHTNESS (BRTC)</p> <p>1. Enter the service mode, input AV1 black or white cross-bar signal with signal generator.</p> <p>2. Select either HPOS (Horizontal picture phase) or VPOS (Vertical picture phase) with CH s/t buttons, and adjust horizontal or vertical picture position in the center of screen with ; -/+ buttons.</p> <p>1. Enter the service mode, input AV1 black or white cross-hatch signal with signal generator.</p> <p>2. Select HIT (Vertical amplitude) with CH s/t buttons, and adjust vertical</p>	<ol style="list-style-type: none"> 1. Input AV1 "5 steps pattern" with video signal generator. 2. Set CONTRAST to minimum and BRIGHTNESS to center by adjusting user controls. 3. Enter Service mode and press CH /  to select BRTC. 4. Press  -/+ buttons to adjust BRTC until step 0 and step 1 has the same blackness. 5. Exit service mode and press  button to set picture mode to DYNAMIC.
<p>HORIZONTAL POSITION ADJUSTMENT (HPOS)</p> <p>3. Adjust vertical amplitude with ; -/+ buttons so that the first bar on cross-hatch signal touches edge of screen.</p> <p>- 12 -</p> <p>minimum and</p> <p>The first</p>	<ol style="list-style-type: none"> 1. Enter the service mode, input AV1 black or white cross-bar signal with signal generator. 2. Select either HPOS (Horizontal picture phase) or VPOS (Vertical picture phase) with CH /  buttons, and adjust horizontal or vertical picture position in the center of screen with  -/+ buttons.

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