

Samsung Model SPT-521J 52" Projection – Pulsating Pix

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Working on a Samsung Compac Theater Model SPT-521J 52" Projection TV.

After warming up for about 5 minutes, the picture would begin to pulsate from regular overall bright to less bright every few seconds. It appeared as if it would change picture mode from standard to mild. This is very annoying to the customer. Upon examination of the deflection

board, a burned section (appears if a tiny fire occurred) was located near the 210 volt plug near the flyback. Closer examination revealed that the trace from the 210 volt line was connected originally to two resistors (R493 and R492, 100k, 1/4 w) in series to ground. This connection was burned to the point of no connection to the 210 volt line. After replacement and reconnection of the resistors to the 210 volt line and further resoldering the heater circuitry from T401 (R441, R446 with initial bad solder and cracks), I re-installed the board. Operation of the tv again did not cure the pulsating problem. Sounds like a very rare situation. Any help would be appreciated. Thanks ahead, Ron.

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