



6600 Washington Avenue S.
Eden Prairie, Minnesota 55344
T: 1.800.328.8602

www.starkey.com

May 30, 2018

Reference: Product Name: Starkey Hearing Technologies TV
 Applicant: Starkey Laboratories, Inc.
 Equipment: Low Power Device (2400-2483.5 MHz)
 Model #: 800, 801
 FCC ID: EOA-24TV
 IC: 6903A-24TV

To Whom It May Concern:

Please be advised that the circuit board in the photograph that was submitted as one of the exhibits for certification of this product, which is a photograph of the board used in the certification test unit (photograph is shown on the next page of this letter), is a modification of a pre-production board to the actual production circuit version shown in the submitted schematic.

Comment: For the photo labeled PC board bottom side (see next page), the component labeled C13 is labelled L12 in the schematic.

The only change is that the silkscreened component ID was not updated. The component in the C13 slot is the L12 inductor shown in the schematic. If you look closely at the photograph, you can see the windings of the inductor. This is not a capacitor.

Also, there are mods near U7, and Q1 doesn't appear in the schematic. Is this photo of a production board matching the schematic?

This is part of the power supply for the audio portion of the device. As shown in section E2 on page 4 of the submitted schematic, switch transistor Q1 was removed and replaced by a separate LDO voltage regulator U12 to provide better audio performance. Again, production boards will show U12 rather than Q1. The photographed board is production equivalent. These components are not part of the RF circuit.

Should you have any questions, please feel free to contact the undersigned.

Sincerely,

A handwritten signature in black ink, appearing to read "William J. Mitchell".

William J. Mitchell, PE
Principal Regulatory Affairs Engineer
952-918-5683
bill_mitchell@starkey.com

Closeup view of component side of PC board

