

**U8903A-01**

**S E R V I C E N O T E**

Supersedes:  
NONE

**U8903A Audio Analyzer**

**Serial Numbers: MY49000000 – MY50439999**

**EMI shield soldering improvement**

**Parts Required:**

P/N	Description	Qty.
NONE		

**ADMINISTRATIVE INFORMATION**

SERVICE NOTE CLASSIFICATION:	
<b>MODIFICATION AVAILABLE</b>	
ACTION CATEGORY::	AGREEABLE TIME
	<input type="checkbox"/> PERFORMANCE ENHANCEMENT <input checked="" type="checkbox"/> SERVICE / RELIABILITY ENHANCEMENT
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> SERVICE CENTER <input type="checkbox"/> CHANNEL PARTNERS
	AVAILABILITY: 30 June 2012
AUTHOR: TY	PRODUCT LINE: WC
ADDITIONAL INFORMATION: Not Applicable	

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PRINTED IN U.S.A.

March 29, 2011

Rev. 18



**Situation:**

Improve the EMI shield plate soldering quality.

**Solution/Action:**

**Please identify the symptom before proceed. Picture shown below applied for both cases.**

**1. Situation 1 – EMI shield plate loose and moveable**

Estimated rework time : 30 minutes

Tools required : As stated in service guide and soldering tool

- i. Follow the service guide to remove the top cover of U8903A.
- ii. Check if EMI shield plate is loose or moveable.
- iii. Apply solder to the soldering pad (location as shown at red square box).
- iv. Clean the surrounding soldering area to avoid any solder shorts.

**2. Situation 2 – EMI shield plate fallout from PCBA**

Estimated rework and cal setup time : 90 minutes

Estimated testing time : 4 hours ( no hands on)

Tools required : As stated in service guide and soldering tool

- i. Follow the service guide to remove the board.
- ii. Apply solder to the thru holes and soldering pad.
- iii. Clean the surrounding soldering area to avoid any solder shorts.
- iv. Perform calibration.

