

MODIFICATION RECOMMENDED –
CORRECTS MANUFACTURING OR DESIGN DEFECTS

SN J3953B-01

S E R V I C E N O T E

Supersedes:
NONE

J3953B VQT

Serial Numbers: [0000A00000 / 9999Z99999]

Updated replacement of analog card for improved PESQ scores

To Be Performed By: Agilent-Qualified Personnel

Parts Required:

P/N	Description	Qty.
5065-9791	Exchngange FXO EM bd.	1
5065-8300	VQT Grounding Assembly	1

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	<input type="checkbox"/> IMMEDIATELY <input checked="" type="checkbox"/> ON SPECIFIED FAILURE <input type="checkbox"/> AGREEABLE TIME	STANDARDS: LABOR: 1.5 Hours	
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> SERVICE CENTER	SERVICE INVENTORY: <input checked="" type="checkbox"/> RETURN <input type="checkbox"/> SCRAP SEE TEXT	USED PARTS: <input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	AGILENT RESPONSIBLE UNTIL: April 2004	
AUTHOR: DM	PRODUCT LINE: 2J		
ADDITIONAL INFORMATION:			

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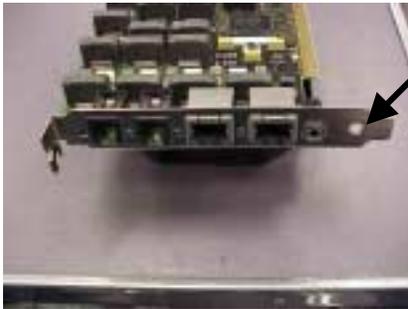
April 10, 2002

Situation:

Adapting the Infineon ALIS FXO chipset for use in the E&M ports of the analog board results in extra circuit noise. This limits the maximum PESQ scores. Replacing this board with the modified assembly reduces the circuit noise and improves the possible PESQ scores when using the E&M ports. If a customer returns a J3953B with complaints of PESQ scores not accurate, implement this service note.

Solution/Action:

Replace the analog FXO E&M card with the latest version. This, along with downloading the VQT application Software Version 4.1.1 or later will correct the noise interference improve the PESQ scores. When the “defective” analog card is removed the metal grounding tab **MUST** be swapped to the new assembly. In the J3953B you will also need to add the VQT grounding assembly 5065-8300, if it has not already been added.



Move metal ground tab
to new assembly.