MODIFICATION AVAILABLE – PERFORMANCE EHNANCEMENT CHARGEABLE TO CUSTOMER SERVICE / RELIABILITY ENHANCEMENT CHARGEABLE TO CONTRACT IF THERE IS ONE.

J2126A-04A

S E R V I C E N O T E

Supersedes:
J2126A-04

J2126A AGILENT Transmission Test Set

Serial Numbers: [GB26000000 / GB26000200]

Problems with ESD clips on the Clock and Electrical/Digital boards

To Be Performed By: Agilent-Qualified Personnel

Parts Required:

P/N	Description	Qty.
J2125-00019	Double leaf ESD clip (for Clock Board)	2
J2125-00026	Single leaf ESD Clip (for Digital Board)	2

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:

MODIFICATION AVAILABLE

ACTION CATEGORY: AGREEABLE TIME	[[]] PERFORMANCE ENHANCEMENT [[]] SERVICE / RELIABILITY ENHANCEMENT
LOCATION CATEGORY: [[]] CUSTOMER INSTALLABLE [[]] ON-SITE X SERVICE CENTER	AVAILABLE UNTIL:
AUTHOR: JH PRODUCT LINE: PY	
ADDITIONAL INFORMATION:	

Agilent Technologies

June 26, 2002

Situation:

On early shipment of units we have experienced some problems when inserting or removing a bantam cable connector to the DS-1 ports on the Clock board and the Electrical/Digital board. The DS1 port on the boards are fitted with ESD clips and some instruments may be fitted with the wrong size clips. This causes the cable connector to scrape against the clips, leading to small metal scrapings falling into the instrument.

Solution/Action:

Please check units within the serial breakpoint as follows. Insert and then remove a DS1 bantam cable into all DS1 ports. If the cable moves in and out smoothly, there is no problem with the clips. However, if the cable requires pressure to be inserted or removed, the clips should be inspected and changed if necessary.

Tools Required :

Screwdriver Torque #15

Procedure :

1. Unscrew the torque #15 screws at each corner of the top panel.
2. Remove the top panel.
3. Check that the ESD clips are properly aligned with the holes on the board panels.
4. Insert and remove the DS1 bantam cable into all of the ESD clips.
5. If the cable moves in and out smoothly, replace the top cover and retry.
6. If the cable still requires pressure to insert and remove, replace the clips using a suitable tool such as tweasers.
   Note 1: To remove the clips, lever out one side first and then the other. To fit a new clip, fit one side of the clip first and then the other.
   Note 2: When the clips are being replaced, the boards should be removed and the inside of the instrument inspected for any small pieces of metal scrapings. These should be removed before refitting the boards.
7. Replace the top panel. Care must be taken to align the top panel with the connectors on the plug-in modules.
8. Replace the torque #15 screws to secure the top panel.
9. Re-check the DS1 ports using a bantam cable.

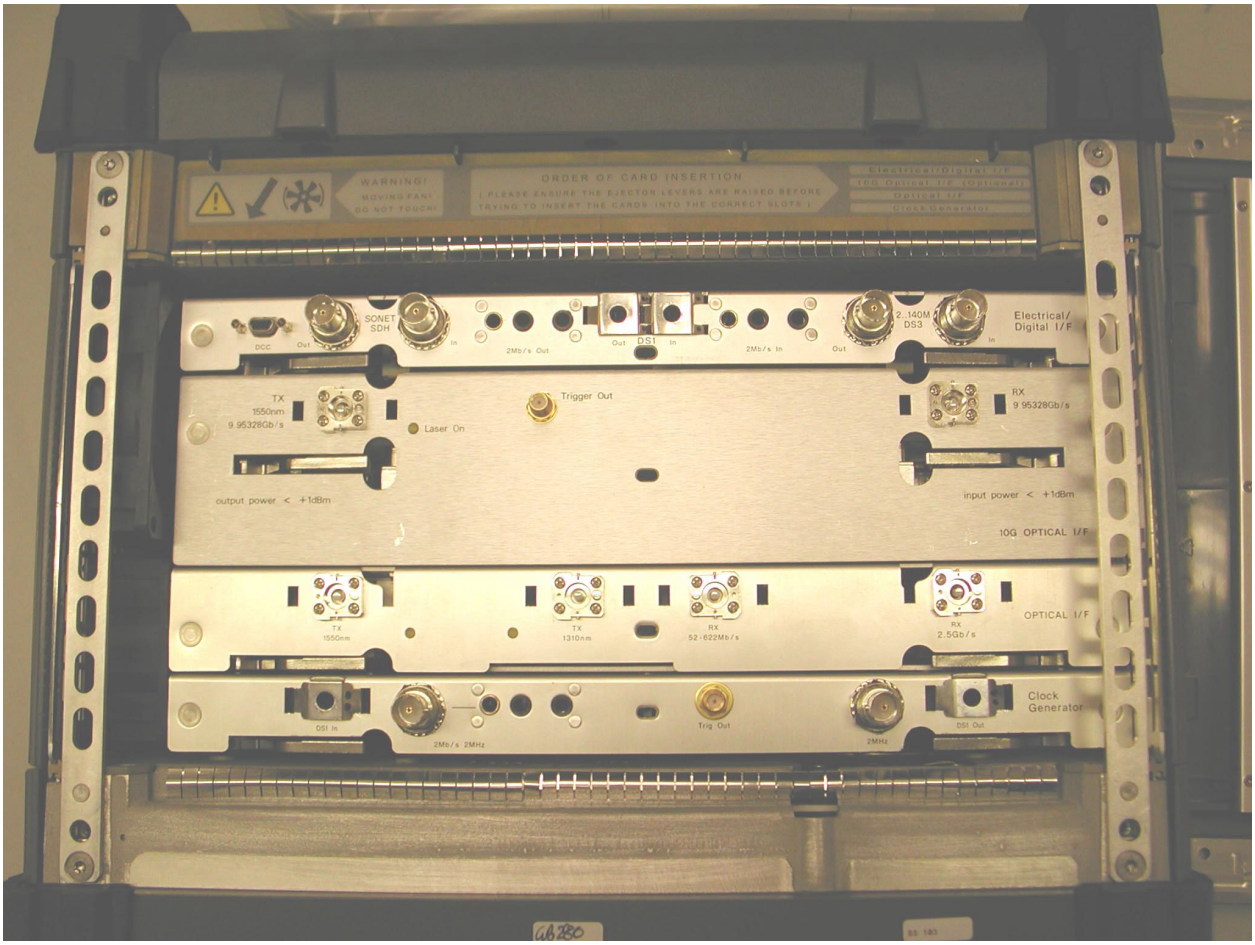

Figure 1 Location of ESD Clips