

S E R V I C E N O T E

SUPERSEDES: E4411A-01A

**E4411A Spectrum Analyzer
(Model Number ESA-L1500A)**

Serial Numbers: US36450101 / US36450399

(Exceptions: US36450235, US36450274, US36450275, US36450282, US36450285, US36450298, US36450300, US36450308, US36450311, US36450315, US36450316, US36450317, US36450341, US36450343, US36450344, US36450345, US36450349, US36450356, US36450357, US36450387, US36450395, US36450396, US36450397, US36450398)

Recommended Chassis Retrofit

To Be Performed By: Agilent-Qualified Personnel

Parts Required:

P/N	Description	Quantity
E4411-60006	Chassis Retrofit Kit	1

Continued

DATE: September 1997

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	<input type="checkbox"/> IMMEDIATELY <input type="checkbox"/> ON SPECIFIED FAILURE <input checked="" type="checkbox"/> AGREEABLE TIME	STANDARDS:	LABOR 4.0 Hours
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> SERVICE CENTER	SERVICE INVENTORY:	<input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input checked="" type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	USED PARTS:	<input type="checkbox"/> RETURN <input checked="" type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AUTHOR: RA	ENTITY: 5320	AGILENT RESPONSIBLE UNTIL: End of Product Support Life	
		ADDITIONAL INFORMATION:	

Situation:

A retrofit of the ESA-L1500A chassis is being implemented through the use of additional reinforcement brackets in order to provide additional support for the A3 IF Assembly connector on the A7 Motherboard. Recent shock and vibration tests have highlighted a shortcoming in ESA-L1500A spectrum analyzer units which do not contain tracking generators (option 1DN). It has been determined that these units could exhibit connector damage on the motherboard's A3 connector if shaken hard enough in the z-axis (front to back). The failure could be exhibited as a hard failure or as an intermittent failure depending upon the amount of damage to the connector pins. ESA-L1500As which contain tracking generators (option 1DN) do not exhibit the problem.

Solution / Action:

Units falling within the serial number range listed above which do not contain tracking generators (option 1DN) should have this upgrade performed by the Service Centers whenever they are returned for repair, calibration, or upgrade. The retrofit kit is part number E4401-60006 and contains the installation note. Prior to retrofitting the unit, verify whether the retrofit has already been performed by looking at the serial number label on the rear of the unit and checking for the note "SN E4411A-01A Installed".

After the replacement procedure has been completed, identify the repair performed by writing "SN E4411A-02A Installed" with indelible ink at the bottom of the serial number label on the rear of the unit. Code the CSO as Warranty Type Subtype 02G / Repair Class SN. Also, in the Details section of the CSO, write "per Service Note E4411A-01A".