

S E R V I C E N O T E

SUPERSEDES: None

E4411A Spectrum Analyzer (Model Number ESA-L1500A)**Serial Numbers:** US36450101 / US38291777(Exceptions: US38291966, US38291967, US38291970, US38291971,
US38291972, US38291973, US38291974)**E4411A Clouded or Dirty Lens Correction Procedure****To Be Performed By:** Agilent-Qualified Personnel**Parts Required:**

P/N	Description	Quantity
E4411-60019	Gasket Upgrade Kit	1
E4401-60041	50 ohm Lens/Keypad Assy	1*
E4401-60068	75 ohm Lens/Keypad Assy	1*

* Choose the appropriate 50 or 75 ohm Lens/Keypad Assy, as needed.

Situation:

E4411As have been developing cloudy or dirty lenses which are a result of dust particles entering the front panel and clinging to the surface of the lens. The dust particles are initially attracted to the lens as a result of static and some residual adhesive from the peel-off protective lens covering. The dust particles impair viewability and provide the customer with a poor perception of the quality of the instrument.

Continued

DATE: February 1999

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:		
MODIFICATION AVAILABLE		
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	AVAILABLE UNTIL: February 2002
AUTHOR: RA	ENTITY: 5320	ADDITIONAL INFORMATION: Installation time estimated at 1.5 hrs.

Several actions have been taken in production to reduce or eliminate this problem. The lenses no longer have the peel-off protective lens coverings. The lenses are cleaned with an anti-static lens cleaner prior to shipping. Gasketing is being installed on new instruments to lessen the possibility of dust getting to the lens.

Solution / Action:

For E4411As with clouded or dirty lenses which fall within the serial number range listed above, order the "Gasket Upgrade Kit" and the appropriate lens/keypad assembly. The "Gasket Upgrade Kit" provides the required gaskets along with an installation note to assist with this procedure. The lens/keypad disassembly and assembly procedures are located in the "ESA-L1500A Spectrum Analyzer Service Guide". Cleaning the lens is not recommended because the interior of the lens is not coated and scratches easily.

For E4411As which have clouded or dirty lenses but are outside of the serial number range listed above or which have already had the gasket upgrade kit installed, please notify the MID Customer Support Engineer.