

MODIFICATION RECOMMENDED

E7405A-12

S E R V I C E N O T E

Supersedes:
E7405A-03

E7405A EMC Analyzer

Serial Numbers: US39110101 / US39440174

The front panel flex circuits within this serial range can grow dendrites under certain environmental conditions, which can ultimately short out traces causing the front panel keys on the analyzer not to function.

Parts Required:

P/N	Description	Qty.
E4401-60198	Flex Circuit	1

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	<input type="checkbox"/> ON SPECIFIED FAILURE <input checked="" type="checkbox"/> AGREEABLE TIME	STANDARDS	LABOR: 1.0 Hours
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> SERVICE CENTER <input checked="" type="checkbox"/> CHANNEL PARTNER	SERVICE INVENTORY: <input type="checkbox"/> RETURN <input checked="" type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT	USED PARTS: <input type="checkbox"/> RETURN <input checked="" type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	NO CHARGE AVAILABLE UNTIL: (End of Support Life)	
AUTHOR:	MPM	PRODUCT LINE: 12	
ADDITIONAL INFORMATION:			

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Situation:

The front panel flex circuits that are green in color can grow dendrites, which can ultimately short out traces causing the front panel keys not to function. The "green" circuits utilize silver which can cause this dendrite growth. The new "copper" colored flex circuits utilize copper/nickel/gold plating which performs very well under various environmental conditions.

Solution/Action:

Agilent Service Centers should replace the flex circuits if the instrument serial falls within the specified range. Another method would be to look at the color of the existing flex circuit. All green flex circuits are suspect and should be replaced. Service Center personnel should refer to the ESA Service Guide for proper installation of the flex circuit.