									E74	05A	-05
S	Е	R	V	Ι	С	Е	1	N	0	Т	Е
							SUPERSE	-DF	S' NON	F	
E44	01B, E	24402B	5. E440	3B, E	4404B.	E440	5B, E4407				
E44	11 B E	SA Sp	ectrum	Anal	yzer fa	mily.	Also E74()1Á	, E7402	2A,	
E74	03A, E	E 7404 A	, and	E 740 5	SA EM	C Pre-	Complia	nce	Analyz	ers.	
Into	rmitton	t ecroc	n "flici	or" di	ue to a	cold s	older joint				
Inc	millen							•			
ESA	Spectru	m Analy	yzer Seri	al Num	bers:						
	01B-07		010101 /								
-)2B-07		010101 /								
)3B-06		010101 /								
)4B-06)5B-06		010101 / 010101 /								
)7B-06		010101 /								
)8B-06		010101 /								
E441	1B-07	US39	010101 /	US402	41566						
EMC	C Analyz	er Seria	l Numbe	rs:							
E740	01A-05	US39	110101 /	US402	40361						
E740)2A-05	US39	110101 /	US402	40208						
)3A-05		110101 /								
	04A-05		110101 /								
)5A-05		110101 /								
To B	e Perfor	med By:	: Agilent	Service	e Centers	Only					
										Continue	ed.
							DATE: Jai	nuar	y 2001		

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION: MODIFICATION RECOMMENDED								
ACTION CATEGORY:	 IMMEDIATELY ON SPECIFIED FAILURE AGREEABLE TIME 	STANDARDS: LABOR 1.0 Hours						
LOCATION CATEGORY:	CUSTOMER INSTALLABLE	SERVICE □ RETURN USED □ RETURN INVENTORY: ■ SCRAP PARTS: ■ SCRAP □ SEE TEXT □ SEE TEXT						
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	AGILENT RESPONSIBLE UNTIL: End of GMS period						
AUTHOR: BD	ENTITY: 5320	ADDITIONAL INFORMATION:						

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Agilent Technologies

Parts Required:

No specific part numbers, just the tools to take apart the ESA Front Frame assembly. You will also need scissors, solder, and a soldering iron.

Situation:

Instruments within the above serial range can experience an intermittent screen "flicker" due to a cold solder joint on pin 7 of the transformer on the backlight inverter board. The backlight inverter board attaches to the front panel interface board (A1A1) on the analyzer. The attached figures below in the Solution/Action section can be referenced on the procedure to use to correct for this problem.

The backlight inverter board and LCD display are procured together as an assembly from NEC. Manufacturing has troubleshot screen flicker issues to poor solder quality on pin 7 of the transformer on the backlight inverter board. NEC has been notified and an inspection process implemented in manufacturing to cure this problem.

Solution / Action:

If an ESA or EMC analyzer is returned and the fail description relates to a display problem (no display or intermittent "flicker"), Agilent Service Centers should remove the backlight inverter board and perform the following procedure:

1) Peel back the plastic shield on the backlight inverter board. See Figure 1.

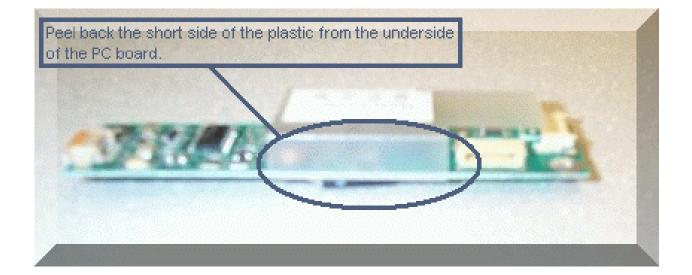


Figure 1_

2) Cut the plastic with a pair of scissors. See Figure 2.

Continued

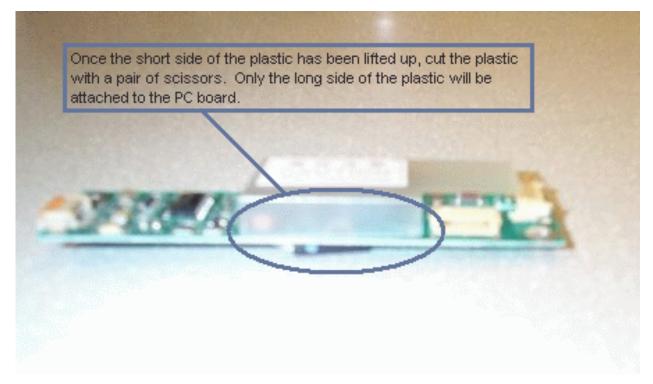


Figure 2

3) Re-solder pin 7 of the transformer on the backlight inverter board. See Figure 3.

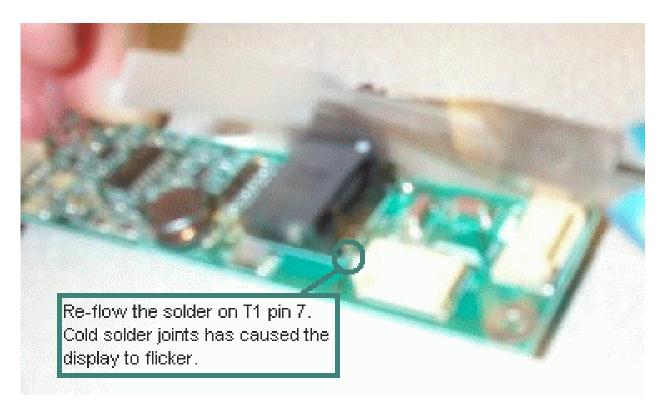


Figure 3_