

MODIFICATION RECOMMENDED –
CORRECTS MANUFACTURING OR DESIGN DEFECTS

E5061A-05

S E R V I C E N O T E

Supersedes:
None

E5061A ENA-L RF Network Analyzer, 300 kHz to 1.5 GHz

Serial Numbers: MY44101370 to MY44101512 and SG44100189

“PLL Unlock” Error Message due to A21 Analog Interface Board Failure

To Be Performed By: Agilent-Qualified Personnel

Parts Required:

P/N	Description	Qty.
E5062-66521	A21 PCI DSP Card	1

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	<input type="checkbox"/> IMMEDIATELY <input checked="" type="checkbox"/> ON SPECIFIED FAILURE <input type="checkbox"/> AGREEABLE TIME	STANDARDS: LABOR: 0.5 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 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	AGILENT RESPONSIBLE UNTIL: October 2008	
AUTHOR: jm PRODUCT LINE: WN			
ADDITIONAL INFORMATION:			

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Situation:

If "PLL unlock" was occurred, A1 Source board may be faulty as described in the service manual. But there are some units among the indicated serial numbers that shows "PLL Unlock" because of A21PCI DSP Card failure.

Solution/Action:

Confirm whether "PLL unlock" occurs or not with following setup.
If it occurs, it is caused by A21 failure.
Replace A21 to new one.

Setup. (Span = 0 Hz, Points=1601)

1. Press [Preset] key.
2. Press [Span], [0], [x1] to set the span as 0 Hz.
3. Press [Sweep Setup] key and "Points" soft-key, enter 1601 and press [x1] to set the points as 1601.

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