

MODIFICATION RECOMMENDED

E5071C-12

S E R V I C E

N O T E

Supersedes:
NONE

E5071C - ENA Series Network Analyzer, 9 kHz to 20 GHz

Serial Numbers: MY46104330 - MY46109991, SG46100158 - SG46100239

RF Output Power Level is decreased, due to A83 board failure

Parts Required:

P/N	Description	Qty.
E5071-62183	PB-Free, Tested Level Vernier Module	1ea

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	X ON SPECIFIED FAILURE [] AGREEABLE TIME	STANDARDS LABOR: 3.0 Hours	
LOCATION CATEGORY:	[] CUSTOMER INSTALLABLE [] ON-SITE X SERVICE CENTER [] CHANNEL PARTNER	SERVICE INVENTORY: [] RETURN [] SCRAP [] SEE TEXT	USED PARTS: [] RETURN X SCRAP [] SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE NO CHARGE AVAILABLE UNTIL: January 1, 2013		
AUTHOR: jm	PRODUCT LINE: WN		
ADDITIONAL INFORMATION:			

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Page 1 of 2

Situation:

Due to A83 level vernier board failure, RF Output Power level is decreased.

Solution/Action:

When the above symptom can be identified, then replace the A83 with a new A83.

Perform the following required adjustments.

- Source Output Power
- Receiver Absolute Gain

Perform the following performance tests.

- Frequency Accuracy Test
- RF Output Level Accuracy and Flatness Test
- RF Output Level Linearity Test
- Trace Noise Test
- Crosstalk Test
- System Dynamic Range Test
- Dynamic Accuracy Test
- Uncorrected System Performance Test

End of Document