

N1055A-02

Modification Recommended Service Note

Supersedes:
[NONE]

N1055A - 35/50 GHz 2/4 Port TDR/TDT Remote Sampling Head for the 86100D DCA-X

Serial Numbers: SG57190101, MY54080203, MY54080208, MY54360106, MY54360129, MY54360161, MY55450105, MY55450113, MY55450122, MY56260524, MY56260525-MY56260527, MY56260535, MY56260537-MY56260540, MY56260545, MY57190104, MY57480113, MY57480144, MY57480146-MY57480154, US53450112

The Problem –Bandwidth optimization adjustments were performed without temperature compensation being done afterward for several N1055A modules.

Parts Required:
[NONE]

ADMINISTRATIVE INFORMATION

ACTION	<input type="checkbox"/> ON SPECIFIED FAILURE	STANDARDS	
CATEGORY:	<input checked="" type="checkbox"/> AGREEABLE TIME	LABOR:	3.0 Hours
LOCATION	<input type="checkbox"/> CUSTOMER INSTALLABLE	SERVICE:	<input type="checkbox"/> RETURN
CATEGORY:	<input type="checkbox"/> ON-SITE (active On-site contract required)	INVENTORY:	<input type="checkbox"/> SCRAP
	<input checked="" type="checkbox"/> SERVICE CENTER		<input type="checkbox"/> SEE TEXT
	<input type="checkbox"/> CHANNEL PARTNERS		<input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	NO CHARGE AVAILABLE UNTIL:	(10 th Feb 2023.)
	<input type="checkbox"/> Calibration Required	PRODUCT LINE:	[TJ]
	<input type="checkbox"/> Calibration NOT Required	AUTHOR:	[VG]

ADDITIONAL INFORMATION: This Service Note applies for next scheduled Repair and Calibration services for mentioned N1055A modules only.

Situation:

Bandwidth optimization is only required after repair, and temperature compensation is always required after bandwidth optimization. As a result, temperature compensation curves used by these modules may not be ideal. However, no specification violations are expected as a result of this error because the new values set by bandwidth optimization are not significantly different from the previous settings, *hence no immediate recalibration/repair is required and below solution shall be applied on next scheduled calibration/repair.*

Solution/Action:

Affected units should be fully adjusted, including temperature compensation, during their next scheduled service. Adjustments must be performed at a location with repair capability.

When using the N78162B ETMS Test Application, the following test plans should be run in their entirety, in the listed order:

1. Performance Verification ('As Received')
2. Repair
3. Performance Verification ('As Completed')

Prior to the release of N78162B, units must be trans-shipped to AX63.

Revision History:

Date	Service Note Revision	Author	Reason for Change
1st Feb 2021	01	Vikas Gotwani	As Published