

N1078A-02

# Modification Recommended Service Note

Supersedes:  
NONE

## N1078A Optical/Electrical Clock Recovery

Serial Numbers: US00000000 – US59290100

Modification available to improve Clock Recovery performance on N1078A.

### Parts Required:

PN:	Description	Qty
N1076-63010	CDR Board – Loop BW Peaking modification	1

### ADMINISTRATIVE INFORMATION

ACTION	<input type="checkbox"/> ON SPECIFIED FAILURE	STANDARDS			
CATEGORY:	<input checked="" type="checkbox"/> AGREEABLE TIME	LABOR:	0.5 Hours		
LOCATION	<input type="checkbox"/> CUSTOMER INSTALLABLE	SERVICE:	<input checked="" type="checkbox"/> RETURN	USED	<input checked="" type="checkbox"/> RETURN
CATEGORY:	<input type="checkbox"/> ON-SITE (active On-site contract required)	INVENTORY:	<input type="checkbox"/> SCRAP	PARTS:	<input type="checkbox"/> SCRAP
	<input checked="" type="checkbox"/> SERVICE CENTER		<input checked="" type="checkbox"/> SEE TEXT		<input type="checkbox"/> SEE TEXT
	<input type="checkbox"/> CHANNEL PARTNERS				
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	NO CHARGE AVAILABLE UNTIL:	PRODUCT'S SUPPORT LIFE		
	<input checked="" type="checkbox"/> Calibration Required	PRODUCT LINE:	PL8F		
	<input type="checkbox"/> Calibration NOT Required	AUTHOR:	NC		

### ADDITIONAL INFORMATION:

Service for the N1078A is available in the Factory only. All service must be performed at the Factory, not the Service Center.

**Situation:**

A capacitor modification on the CDR board was made to reduce loop bandwidth peaking, which improves loop bandwidth accuracy and overall performance.

This upgrade is to be performed at no additional charge to the customer. The customer may be charged for other services provided, such as repair or calibration, per the usual process.

**Solution/Action:**

Units received for service, repair or calibration, shall undergo As Received testing according to the regular service procedure.

Perform CDR board (N1076-63010) “**Loop BW Peaking**” modification and the customer shall not be charged for parts or labor associated with this upgrade.

**Revision History:**

Date	Service Note Revision	Author	Reason for Change
26 Aug 2019	01	NC	As Published