

S E R V I C E N O T E

SUPERSEDES: NONE

55300A GPS Telecom Primary Reference Source

Serial Numbers: 3602A00101 / 3626A00301

55300A with option 104/105 can intermittently go into AIS.**To Be Performed By:** Agilent-Qualified Personnel or Customer**Parts Required:**

Small crosspoint screwdriver.

ESD wrist strap and cord.

Four inch jumper wire with MOLEX connectors attached to both ends.

Soldering iron (to solder the wire directly to the test pins).

Situation:

The MF_SYNC_IN input on the formatter chip was left in a "floating" condition. If there is a high to low transition on this input, the formatter chip will reset the framing bit. This will result in a loss of frame or AIS problem.

Solution / Action:

Remove the 55300A GPS Telecom Reference from the 55310A Shelf (follow the procedure in the Operating Manual). For units having a REVISION C motherboards, place the jumper between test point (TP) 11 to test point (TP) 7. For REVISION D motherboards, place the jumper between test point (TP) 8 to test point (TP) 5. By adding this jumper wire, you are connecting Vcc to MF_SYNC_IN.

DATE: May 1997

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	☐ IMMEDIATELY ☒ ON SPECIFIED FAILURE ☐ AGREEABLE TIME	STANDARDS: LABOR 1.0 Hours	
LOCATION CATEGORY:	☒ CUSTOMER INSTALLABLE ☐ ON-SITE ☐ SERVICE CENTER	SERVICE INVENTORY: ☐ RETURN ☐ SCRAP ☐ SEE TEXT	USED PARTS: ☐ RETURN ☐ SCRAP ☐ SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE		
AUTHOR: JE		ENTITY: 0200	
		ADDITIONAL INFORMATION:	