

MODIFICATION RECOMMENDED

N5106A-03

S E R V I C E N O T E

Supersedes:
None

N5106A (PXB) Baseband Generator and Channel Emulator

Serial Numbers: US00000000-US99999999, MY00000000- MY49060038

The A11 System Clock board, (N5105-60006) has under rated components increasing the potential for early failure.

Parts Required:

P/N	Description	Qty.
N5105-60006	System Clock Board	1

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	<input type="checkbox"/> ON SPECIFIED FAILURE <input checked="" type="checkbox"/> AGREEABLE TIME	STANDARDS	LABOR: 2.0 Hours
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input checked="" type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> SERVICE CENTER <input checked="" type="checkbox"/> CHANNEL PARTNER	SERVICE INVENTORY: <input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT	USED PARTS: <input checked="" type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input checked="" type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	NO CHARGE AVAILABLE UNTIL: October 14, 2011	
AUTHOR:	MC	PRODUCT LINE: PL 15	
ADDITIONAL INFORMATION: Warranty charge approved even if no warranty in Seibel system.			

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Rev. 17



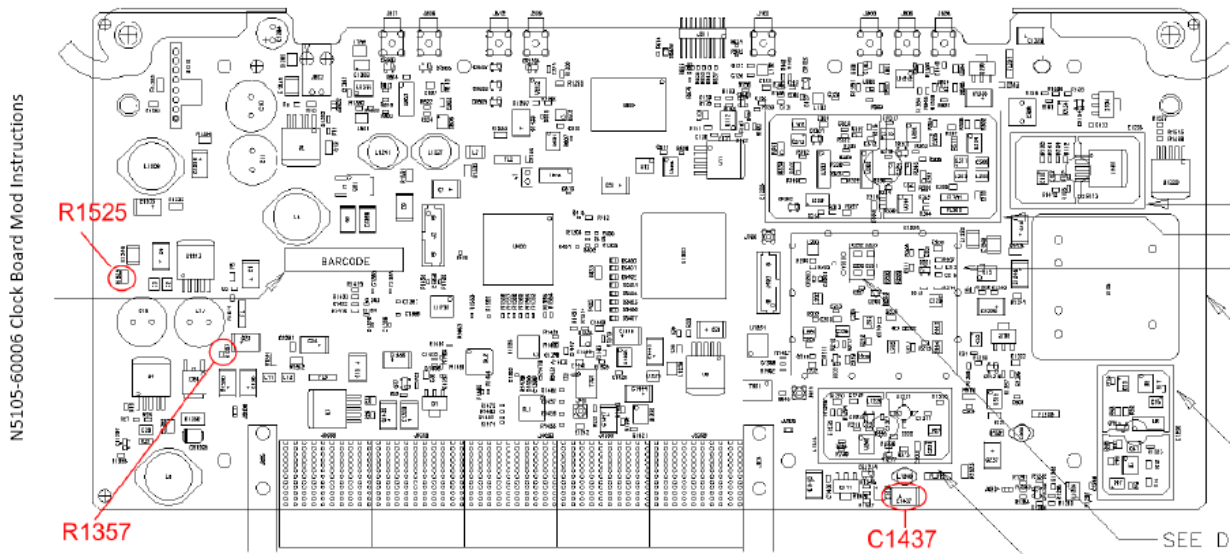
Situation:

The initial system clock board was produced with a number of components that were under rated for their application. This has caused some early failures of the system clock board.

Solution/Action:

All PXBs of the suspect serial number range need to have their system clock boards checked at next service and replaced if they have the early revision board without modifications. The suspect boards can be identified by the revision code under the left extractor, any board with Rev 003 or before need to be checked to determine if the board has been reworked (see below). If the system clock board has not been reworked replace it with new board from SPO.

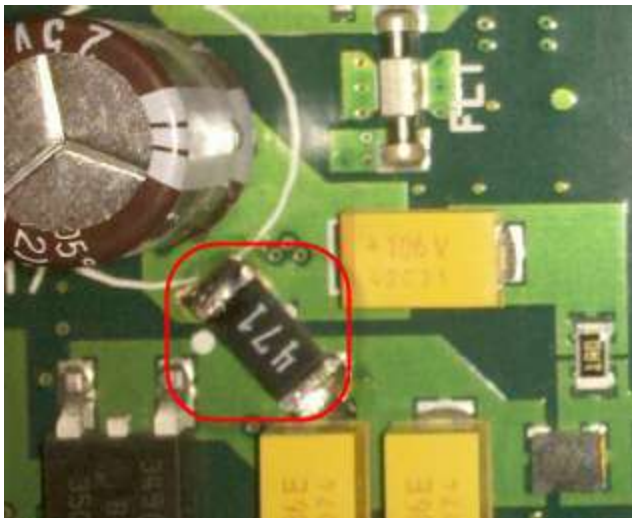
FRONT SIDE MOD LOCATIONS



To determine if you have a modified board look at R1357 and R1525 and verify that the original resistors have been replaced with larger resistors (see photos below). If the modifications have been made do not replace board.



R1357 before modification



R1357 after modification



R1525 before modification



R1525 after modification