# N5106A-01 SERVICE NOTE

Supersedes None

# N5106A (PXB) MIMO Receiver Tester

Serial Numbers: US48360104 – US48360109, US48360112 – US48360121, US48360123, US48360125 and MY48360101 – MY48360114, MY48360117, MY48360119, MY48360121, MY48360124

External Trigger in signal requires an input greater than 1.6V to trigger the unit.

Parts Required: P/N	Description	Qty.
NONE		

## ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:				
MODIFICATION RECOMMENDED				
ACTION CATEGORY:	[[]] ON SPECIFIED FAILURE X AGREEABLE TIME	STANDARDS  LABOR: 1.0 Hours		
LOCATION CATEGORY:	[[]] CUSTOMER INSTALLABLE X ON-SITE X SERVICE CENTER [[]] CHANNEL PARTNER	SERVICE [[]] RETURN INVENTORY: [[]] SCRAP [[]] SEE TEXT	USED [[]] RETURN PARTS: [[]] SCRAP [[]] SEE TEXT	
AVAILABILITY: PRODUCT'S SUPPORT LIFE		NO CHARGE AVAILABLE UNTIL: Feb 5, 2010		
AUTHOR: MJW		PRODUCT LINE: PL15		
ADDITIONAL INFORMATION: All Customer units have been modified INTERNAL AGILENT ONLY – Warranty charge approved, even if no warranty in Seibel system.				

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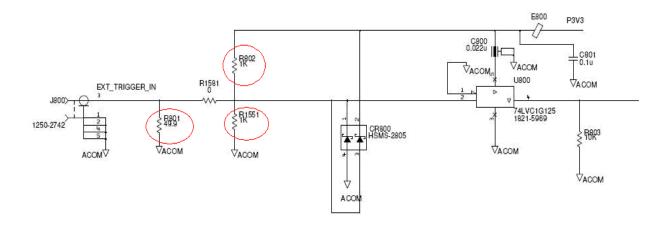
#### **Situation:**

The N5106A External Trigger input is 50 ohms. When an external trigger source is used that has a 50 ohm output impedance the External trigger signal needs to be at least 3.3V

### **Solution/Action:**

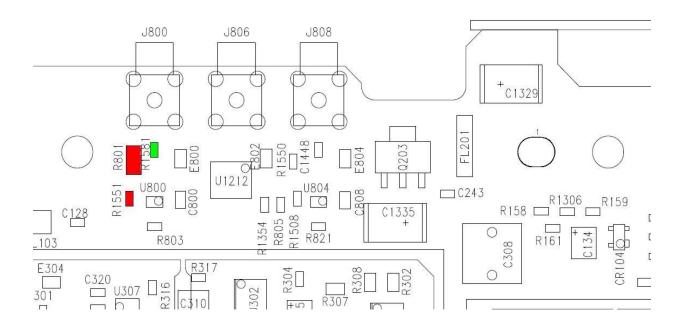
Remove resistors R801, R802, and R1551 from the A11 System Clock board (N5105-60006). This will change the External input impedance to 1 Meg-ohm.

Schematic: REAR PANEL



Remove R801, R802, and R1551 (RED circled components)
R1581 is a zero Ohm resistor. This needs to be in place for the external trigger to work.

Top component layout of the N5105-60006 board: Remove the red resistors



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Bottom side Layout:

