N6762A-03

S E R V I C E   N O T E

Supersedes:
NONE

N6762A Precision DC Power Module

Serial Numbers: ALL

Firmware update will address an issue where N6705A and N6715A mainframes will not detect the 2UA Option during a query for the option information from the mainframe's menu as well as using the SCPI command SYST:CHAN:OPT? (@<chanlist>).

Parts Required:

P/N	Description	Qty.
NONE		

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:		
MODIFICATION RECOMMENDED		
ACTION CATEGORY: X ON SPECIFIED FAILURE [[]] AGREEABLE TIME	STANDARDS LABOR: 0.5 Hours	
LOCATION CATEGORY: X CUSTOMER INSTALLABLE X ON-SITE X SERVICE CENTER X CHANNEL PARTNER	SERVICE [[]] RETURN INVENTORY: [[]] SCRAP X SEE TEXT	USED [[]] RETURN PARTS: [[]] SCRAP X SEE TEXT
AVAILABILITY: PRODUCT'S SUPPORT LIFE	NO CHARGE AVAILABLE UNTIL: End of Support	
AUTHOR: WIU	PRODUCT LINE: SP	
ADDITIONAL INFORMATION:		

January 6, 2009

Agilent Technologies

Situation:

All N6705A and N6715A mainframes with a firmware revision lower than B.00.01 have the potential to not detect the 2UA Option during a query for the option information from the mainframe's menu as well as using the SCPI command SYST:CHAN:OPT? (@<chanlist>).

Solution/Action:

First, check the firmware revision of the N6705A mainframe. To do this using one of the IO interfaces, send the "*IDN?" query. Over the front panel use the following sequences of keystrokes:

1. **Settings**
2. **Properties**

It will be listed on the "Firmware version" line. If the frame revision is B.00.01 or higher, then the unit has already been upgraded and no further upgrade is required to correct this issue, but it is always a good idea to update to the LATEST version.

If the firmware version is A.02.09 or older then the firmware must be upgraded. All files, programs, and instructions required to upgrade the firmware are located at the following website: http://www.agilent.com/find/N6705firmware.

Testing Note

After the update has been completed turn on the unit and allow the instrument to complete self-test. This update will not affect the calibrating or performance specifications.