

MODIFICATION RECOMMENDED

N6705A-04B

**S E R V I C E N O T E**

Supersedes:  
N6705A-04A

N6705A DC Power Analyzer

Serial Numbers: MY47000248/MY47000497

**There is a possibility that N675xA and N676xA DC power modules will output an unexpected voltage with firmware revision A.02.03. All units with A.02.03 firmware must be upgraded to more recent firmware.**

**Parts Required:**

P/N	Description	Qty.
NONE		

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
<b>MODIFICATION RECOMMENDED</b>			
ACTION CATEGORY:	<input type="checkbox"/> ON SPECIFIED FAILURE <input type="checkbox"/> AGREEABLE TIME <input checked="" type="checkbox"/> IMMEDIATELY	STANDARDS	LABOR: 0.5 Hours
LOCATION CATEGORY:	<input checked="" type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> SERVICE CENTER <input type="checkbox"/> CHANNEL PARTNER	SERVICE INVENTORY: <input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input checked="" type="checkbox"/> SEE TEXT	USED PARTS: <input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input checked="" type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	NO CHARGE AVAILABLE UNTIL: January 2012	
AUTHOR:	MJC	PRODUCT LINE: SP	
ADDITIONAL INFORMATION:			

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Rev. 16



**Situation:**

All N6705A mainframes with firmware revision A.02.03 have the potential to incorrectly configure N675xA and N676xA modules. This may result in the output voltage being programmed to unexpected levels. Some units will fail self test but even units that pass self test have a chance to exhibit the fault.

**Solution/Action:**

Check to see what version of firmware is installed. This can be done using one of the IO interfaces by sending the “\*IDN?” query. This can also be done using the front panel of the N6705A by pressing the “Settings” button followed by the “Properties” button.

If the firmware is version A.02.06 or above, then no firmware upgrade is required. Agilent does recommend updating to the newest firmware revision to take advantage of fixes and new features.

If the firmware is version A.02.03 or earlier, then the firmware must be updated to the latest revision. All files, programs, and instructions to do the firmware upgrade are located at:  
<http://www.agilent.com/find/N6705firmware>.