

N5171B-02

# Information Only Service Note

Supersedes:  
NONE

## N5171B X-Series EXG Analog Signal Generator

Serial Numbers: ALL

**The Problem** – Installing new hardware during a repair or upgrade requires the installation of the latest firmware release B.01.65 or greater.

### Parts Required:

P/N	Description	Qty.
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NONE

### ADMINISTRATIVE INFORMATION

<input type="checkbox"/> Calibration Required	PRODUCT LINE: PL15
<input checked="" type="checkbox"/> Calibration NOT Required	AUTHOR: AKS

ADDITIONAL INFORMATION: The most current X-Series firmware release can be found at the following web page link:

[www.keysight.com/main/editorial.jsp?cc=US&lc=eng&ckey=1000000797:epsg:sud&nid=-32459.775252.02&id=1000000797:epsg:sud&cmpid=zzfindupgradeassistant](http://www.keysight.com/main/editorial.jsp?cc=US&lc=eng&ckey=1000000797:epsg:sud&nid=-32459.775252.02&id=1000000797:epsg:sud&cmpid=zzfindupgradeassistant)

## Situation:

The X-Series family of RF sources have recently had their hardware assemblies enhanced. The enhancements have incorporated a few design, functionality and array changes that require the latest firmware B.01.65 or greater to be installed. The new revisions of hardware have maintained all their current ordering part numbers but only the latest firmware can function correctly with these newly revised assemblies. Instrument Configurations, Installed Options, Service Software and Self-Test Errors can occur when firmware earlier than B.01.65 is installed.

## Solution/Action:

Under normal circumstances it is recommended that the latest firmware be installed in Keysight products to maintain their most current functionality and proper operation. With the installation of any of the hardware listed below, it is now required to install at least the latest firmware B.01.65. Future firmware releases that are greater than B.01.65 will continue to support these hardware enhancements. Therefore, maintaining the most current firmware release is still a strong recommendation.

Description	New Part Number	Exchange Part Number
A3 RF Assembly	N5180-60416	N5180-69416
A3 RF Assembly	N5180-60420	N5180-69420
A5 CPU Assembly	N5180-60427	Not Available

Installing firmware B.01.65 does not affect any specific instrument specifications nor remote SCPI commands.

**NOTE:** With the installation of any of the above revised assemblies. Firmware revision is limited to release B.01.65 or higher. Instrument firmware cannot be downgraded to a firmware revision less than B.01.65.

## Revision History:

Date	Service Note Revision	Author	Reason for Change
24 Aug 2017	01	Allen Stephens	As Published