

N5173B-02

Information Only Service Note

Supersedes:
NONE

N5173B X-Series EXG Microwave 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

☐ Calibration Required	PRODUCT LINE: PL15
☒ 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

Situation:

The X-Series Micro-Wave sources have recently had their A5 CPU enhanced. The enhancements have incorporated a few design and functionality changes that require the latest firmware B.01.65 or greater to be installed. The new A5 CPU hardware has maintained its current ordering part number but only the latest firmware can function correctly with this newly revised A5 CPU assembly. Instrument Configurations, Installed Options, Self-Test Errors and Service Software issues can occur when the A5 CPU is installed in a unit with firmware earlier than B.01.65.

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 the newly revised A5 CPU 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 this revised A5 CPU hardware enhancement. Therefore, maintaining the most current firmware release is still a strong recommendation.

Description	New Part Number	Exchange Part Number
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 the revised A5 CPU. 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
11 Aug 2017	01	Allen Stephens	As Published