

U2000A-05

S E R V I C E N O T E

Supersedes:
NONE

U2000A 10MHz – 18GHz USB Sensor

Serial Numbers: MY47000106 to MY47000108, MY47000110, MY47000113, MY47000115, MY47000117

Patch for Power Measurement Error after Performing Internal Zeroing

Parts Required:

P/N	Description	Qty.
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NONE

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION: INFORMATION ONLY	
AUTHOR: AB	PRODUCT LINE: WC
ADDITIONAL INFORMATION: Contact bid_support@agilent.com to obtain patch.	

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Situation:

1. In Nov-2007, we have identified and communicated to a batch of users who were affected by power measurement error after performing internal zeroing on U2000A USB power sensor.
2. The error is relatively significant when the power measured is within the range of -30dBm to -25dBm (e.g. when the source is set to -30dBm, USB power sensor measures -36dBm).
3. Users will not see this error if external zeroing is performed before the power measurement.

Solution/Action:

1. We have taken actions to notify this batch of users along with the correction patch to correct the compensation data for the USB power sensor.
2. This is recorded in the event the identified batch of users would like to contact us to obtain the patch in the future.
3. As the patch is unique to its model number and serial number, users may contact us at bid_support@agilent.com and are advised to provide the model number and serial number in order to obtain the patch.
4. Units that are not within this range of serial numbers are not affected by this symptom.