

# U2001A-05

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

Supersedes:  
NONE

### U2001A 10MHz – 6GHz USB Sensor

**Serial Numbers:**

MY47100143 to MY47100147,

MY47100149 to MY47100158,

MY47100160 to MY47100163,

MY47100165, MY47100166, MY47100169,

MY47100171 to MY47100176,

MY47100183 to MY47100185,

MY47100188, MY47100189, MY47100192, MY47100193, MY47100195, MY47100198

### 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:	
<b>INFORMATION ONLY</b>	
AUTHOR: AB	PRODUCT LINE: WC
ADDITIONAL INFORMATION: Contact <a href="mailto:bid_support@agilent.com">bid_support@agilent.com</a> to obtain patch.	

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**Agilent Technologies**

**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 U2001A 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](mailto: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.