

# U2004A-05

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

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Supersedes:  
NONE

### U2004A 9kHz – 6GHz USB Sensor

**Serial Numbers:**

MY47400104 to MY47400106,  
MY47400108 to MY47400111,  
MY47400113, MY47400114

### Patch for Power Measurement Error after Performing Internal Zeroing

**Parts Required:**

P/N	Description	Qty.
NONE		

### ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION: <b>INFORMATION ONLY</b>	
AUTHOR: AB	PRODUCT LINE: WC
ADDITIONAL INFORMATION: Nil	

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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 U2004A 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 a new replacement unit.
2. This is recorded in the event the identified batch of users would like to contact us to obtain further information in the future.
3. As the affected scope is unique to its model number and serial number, units outside this range of serial numbers are affected by this symptom.