N8481B-02 <u>S E R V I C E N O T E</u>

Supersedes: NONE

N8481B – Thermocouple Power Sensor

Serial Numbers: MY48000000 / MY50029999

"Cal error" message generated when power reference calibration is being carried out at low temperature (0 – 3 degree Celsius)

Parts Required: P/N

Qty.

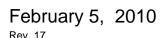
NONE

ADMINISTRATIVE INFORMATION

Description

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	X ON SPECIFIED FAILURE [[]] AGREEABLE TIME	STANDARDS LABOR: 0.5 Hours	
LOCATION CATEGORY:	[[]] CUSTOMER INSTALLABLE [[]] ON-SITE X SERVICE CENTER [[]] CHANNEL PARTNER	SERVICE [[]] RETURN INVENTORY: [[]] SCRAP X SEE TEXT	USED [[]] RETURN PARTS: [[]] SCRAP X SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	NO CHARGE AVAILABLE UNTIL: 31-January-2011	
AUTHOR: LCH		PRODUCT LINE: WC	
ADDITIONAL INFORMATION:			

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Situation:

If your application requires the N8480 Series thermocouple power sensor to operate in low temperature environment, "cal error" message may be observed. To confirm, please perform the following steps and see if the symptom can be duplicated:

- 1. Connect the N8480 Series thermocouple power sensor to the power meter.
- 2. Connect the RF input of the power sensor to the power reference of the power meter.
- 3. Do not turn on the power meter. Place both the power meter and N8480 Series thermocouple power sensor in low temperature (0 3 degree Celsius) environment for more than 1 hour.
- 4. After 1 hour, turn on the power meter.
- 5. Under the same environment, perform power reference calibration.
- 6. "Cal error" message will be generated by the power meter.

Solution/Action:

If "cal error" message is generated after performing the steps above, please return the power sensor back to Agilent for modification which will eliminate this symptom.