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HP References in this Manual

This manual may contain references to HP or Hewlett-Packard. Please note that Hewlett-Packard's former test and measurement, semiconductor products and chemical analysis businesses are now part of Agilent Technologies. We have made no changes to this manual copy. In other documentation, to reduce potential confusion, the only change to product numbers and names has been in the company name prefix: where a product number/name was HP XXXX the current name/number is now Agilent XXXX. For example, model number HP8648A is now model number Agilent 8648A.

Installation Note

Firmware Upgrade, HP-IB Switch Position

HP 70900A Only

HP Part No. 70900-90251 Supersedes: 70900-90181
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Firmware Upgrade, HP-IB Switch Position

INSTRUMENTS AFFECTED:	HP 70900A Local Oscillator *Only*
SERIAL NUMBERS:	0000A00000/9999A99999
TO BE PERFORMED BY:	Customer or HP-Qualified Personnel

The new firmware contained in this kit is on fast ROM IC chips, which are less tolerant to fluctuations in the 5 volt supply. On a small percentage of HP 70900A Local Oscillators, the 5 volt supply for the ROM chips will not regulate if the power consumption of the controller board assembly decreases. The power consumption of the controller board assembly will decrease if the HP-IB switch is turned off (when turned off, the HP 70900A cannot communicate over HP-IB).

Note The HP-IB switch on the HP 70900A should *always* be left in the ON position. This is also true of systems with the HP 70810A Lightwave module installed.

When installing the new firmware, check the position of this switch. This switch is located on top of the HP 70900A module.

If your application requires the HP-IB switch to be in the OFF position, and this alone causes the system to fail, contact the closest HP Service Center.

This situation does not exist in the HP 70900B.