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HP 8591EM EMI Precompliance Analyzer
HP 8593EM EMI Precompliance Analyzer
HP 8594EM EMI Precompliance Analyzer
HP 8595EM EMI Precompliance Analyzer
HP 8596EM EMI Precompliance Analyzer

Serial Numbers:
8591EM: 0000A00000 / 9999Z99999
8593EM: 0000A00000 / 9999Z99999
8594EM: 0000A00000 / 9999Z99999
8595EM: 0000A00000 / 9999Z99999
8596EM: 0000A00000 / 9999Z99999

Y2K Update Information.

Product Requires Operator Intervention:
Several commands must be executed within the century in which they
are intended to operate.

To Be Performed By:
Customer

Situation:
The 8590EM EMI Precompliance Analyzers are all Year 2000 compliant
with user-performed adjustment. When using a DLP or remote program,
the use of the CALTIME, ONTIME, SETDATE and TIMEDATE commands can
cause problems. In addition the function keys AUTO CAL ON/OFF, SET
DATE and Time Date can cause problems due to crossing from the 20th
to the 21st century.

Solution / Action:

Function Key Instructions

AUTO CAL ON/OFF
For this function key to cause an AUTOCAL to occur, a CALIBRATE,
Cal At Time, SET TIME entry must be entered prior to its
execution and within the same century.

SET DATE
Sets the date of the instruments real-time clock. This key
function will work for dates between 01 January 1988 and
31 December 2087. The date must be entered in the CCYYMMDD format.

Time Date
Sets the time and date of the instruments real-time clock. This
key function will work for dates and times between 01 January 1988
00:00:00 and 31 December 2087 23:59:59. The time date must be
entered in the following format CCYYMMDDHHMMSS.

Programming Command Instructions

CALTIME
Causes an automatic calibration to occur at the specified time of
day. This command must be executed within the same century in which
an automatic calibration is intended to occur.

ONTIME
Executes a list of spectrum analyzer commands at the specified
time of day. This command will work for dates and times between
01 January 1988 00:00:00 and 31 December 2087 23:59:59. This
command must be executed within the century in which it is
intended to operate. For example, if the ONTIME command is set to
operate on 01 January 2000 at 06:00:00, the command must be
executed after 01 January 2000 at 00:00:00. The command syntax is
in a YYMMDDHHMMSS format. The century must be implied from the
current ONTIME time value.

    ONTIME time values >= 880101000000 are in the 20th century
    ONTIME time values < 880101000000 are in the 21st century

The ONTIME query does not return century data. The century data
must also be implied from the time value returned using the
method described above.

SETDATE
Sets the date of the instruments real-time clock. This command will
work for dates between 01 January 1988 and 31 December 2087. The
date must be entered in the CCYYMMDD format.

TIMEDATE
Sets the time and date of the instruments real-time clock.
This command will work for dates and times between 01 January 1988
00:00:00 and 31 December 2087 23:59:59. The timedate must be
entered in the CCYYMMDDHHMMSS format. The TIMEDATE query does
not return century data. In order to correct the returned query
data for the appropriate century:

        ADD 20000000000000 to TIMEDATE values < 880101000000
        ADD 19000000000000 to TIMEDATE values >=880101000000

Date:
11 Dec 1998

```
*****************************************************************
*                                                               *
*                     INFORMATION ONLY                          *
*                     ---------------                           *
*                                                               *
*   AUTHOR/ENTITY: _LW / 5340 _____ *
* ADDITIONAL INFO: _____  *
*                                                               *
*****************************************************************
```