Technical Services Memo

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Product Code: PA
Subject Code: SY
Part Number: 19B801351P16
LBI: VARIOUS

CATEGORY: PORTABLES

SUBJECT: MPA 900 REFERENCE OSCILLATOR

PROBLEM:

High failure rate of 900 Mhz. Reference oscillators.

SOLUTION:

One production lot of the original reference oscillator module had a reference crystal that was subject to damage from minimal shock or vibration. The result of this failure was drifting or instability of the reference signal.

The oscillator module and reference crystal were redesigned for improved performance and resistance to shock. This improved module is marked as **REV 28** and should be used to replace parts with no revision marking. No information is available to determine which “no revision” modules are subject to damage.