

INFORMATION ONLY – DOES NOT COMMUNICATE
A MODIFICATION OR SAFETY CONDITION

E6393A-04A

S E R V I C E N O T E

Supersedes:
E6393A-04

Agilent Technologies E6393A CDMA MS Test Set

Serial Numbers: JP1MJ00101/JP1MJ99999

The special firmware is required to use with the new Option 013 AMPS Test Capability.

Parts Required:

P/N	Description	Qty.
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None

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:

INFORMATION ONLY

AUTHOR: S.A. PRODUCT LINE: BJ

ADDITIONAL INFORMATION:

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Situation:

Agilent Technologies has started shipping the new Option 013 AMPS Test Capability with the new feature for providing higher level audio source.

To use with this new Option 013 AMPS, the E6393A needs the special firmware to be installed. The regular firmware can not operate this new Option 013 AMPS.

The differences between the old Option 003 AMPS and the new Option 013 AMPS are as follows:

1. Option 013 AMPS has the higher level audio source.

Opt 003: 1 mVrms (–60 dBV) to 1 Vrms (0 dBV)

Opt 013: 4 mVrms (–48 dBV) to 4 Vrms (12 dBV)

2. Option 013 AMPS has the audio level measurement capability

Measurement Frequency: 1.004 kHz

Audio Input Range: 30 mVrms to 3 Vrms

Measurement Accuracy: $\pm 12\%$ of reading at 100 mVrms ± 50 mVrms

Note: The measurement result value is obtained only by a remote command, and this value may not be shown on the display screen.

Solution/Action:

To use with the Option 013 AMPS, install the firmware revision A.02.00 or later.

The firmware revision A.01.xx can not be used with the Option 013 AMPS.

The E6393A with Option 013, which is shipped from division, is installed with the firmware revision A.02.00 or later. When you see the E6393A with Option 013, do not change the firmware to A.01.xx.

The firmware compatibility with Option 003 and Option 013 is shown below:

	Opt 003	Opt 013
Rev A.02.00 or later	NG (Error Message)	OK
Rev A.01.xx	OK	NG (*)

* If Option 013 is set, the AMPS function does not appear.

NOTE: The E6393B firmware can operate with both Option 013 and Option 003.

The E6393B does not require the special firmware to be used with Option 013 AMPS.