

54640-series Application Software

Rev A.02.31 Release Notes

(Differences from Release A.02.20)

New Feature List

None.

Improvements

Improved AutoProbe detection.

Corrected a defect in the format of the peak detect waveform data that was introduced in release 2.20.

Improved measurement behavior.

Fixed some SCPI query responses.

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Rev A.02.20 Release Notes

(Differences from Release A.02.00)

New Feature List

Application support for Automotive and industrial electronics

Additional **CAN serial triggering** support - Support for the N2758A CAN trigger module, this allows triggering on the content of CAN frames, including ID, Data, Active Errors.

Added additional baud rate setting to standard CAN trigger

Added 62.5 kb/s baud rate to standard CAN SOF trigger.

LIN (Local Interconnect Network) triggering

LIN Synch Break triggering – Allows triggering on the Synch Break of a LIN serial protocol Frame or packet., baud rates of 2400, 9600, 19200 are supported.

User-definable thresholds for Measurements

User-definable Measurement thresholds controllable on a per channel basis in either % of top/base or Absolute units. Three thresholds are available (Lower, Middle, and Upper) and affect most of the timing measurements.

Improvements

Eliminated possible Print problem when a formfeed occurred before the second print on A4 paper was completed.

Improved waveform plot operation at 5 ms/div while in Peak Detect acquire mode after a SINGLE acquisition .

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Rev A.02.01 Release Notes

(Differences from Release A.02.00)

Defects Repaired

Analog offset cal algorithm improved

Corrects a real-number formatting problem in the remote language. Occasionally, a Null would be presented after the real number string (0.00E00<null>). Some systems are sensitive to this, including IntuiLink on some PC OS/Office combinations (example Win2000/Office97)