HIOKI 8826, 8841 and 8842 Memory HiCORDER Defect Details

Erroneous auto-saving of waveform calculation data

Affected Versions:

- Model 8826: 2.43 to 2.44 (released between April 4, 2005, and December 27, 2006)
- Models 8841 and 8842: 2.54 to 2.55 (released between April 4, 2005, and December 27, 2006)

Details:

- Auto-saved waveform calculation data is incorrect. When loaded by the instrument or a PC application (Wv or Hioki 9335 software), the values loaded for the waveform or cursors are different than the originally measured data.
- Manually saved data is unaffected.

Defect Example:

- When the waveform calculation function is used to multiply CH1 data and save it to CH2 (Fig. 1) and the resulting data is automatically saved, the saved data should be the same when loaded as it was at the time of measurement (Fig. 2). However, waveform and cursor values read differently from those at measurement time, as shown in Fig. 3.
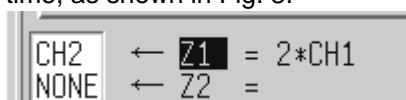

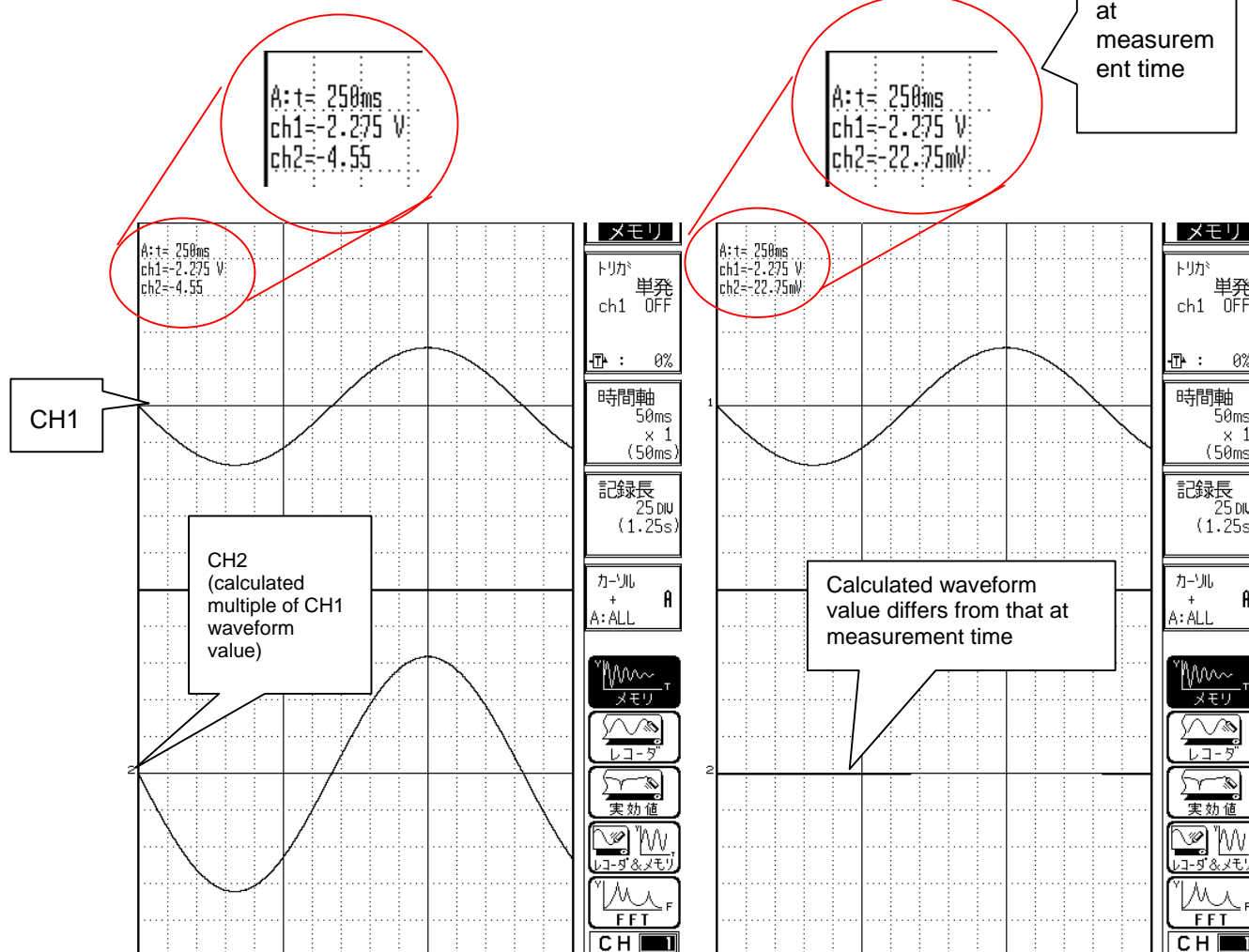Figure 1. Waveform Calculation Example

Figure 2. Waveforms at measurement time (Normal State)

Figure 3. Waveforms loaded from auto-saved data (Erroneous calculated waveform data on CH2)