

SUPERSEDES:
NONE

**MODEL 5335A UNIVERSAL FREQUENCY COUNTERS
ALL SERIAL NUMBERS
DEGRADED SENSITIVITY WITH SPECIAL OPTION C10**

The C10 special version of the HP 5335A counter has rear panel inputs for Channels A and B. The rear inputs are actually connected in parallel with the front panel inputs and are not terminated. This essentially creates a step-tune filter at the rear inputs with a center frequency of approximately 117 MHz and bandwidth of plus or minus 35 MHz. Unless the rear inputs are terminated either with a signal input or with a 50 ohm termination, the step-tune filter will be on, thus affecting the sensitivity of the 5335A in this frequency range.

This effect is most obvious when performing the sensitivity performance test at 125 MHz (page 4-11 of the operating and service manual), where the sensitivity will degrade to 38 mV or more. The best way to avoid this filter effect is to apply the input signal to the rear panel inputs and not to the front panel inputs.

I/NS/WN

9/88-02/KE



FOR MORE INFORMATION, CALL YOUR LOCAL HP SALES OR SERVICE OFFICE or East (201) 265-5000 • Midwest (312) 255-9800 • South (404) 955-1500 • West (213) 970-7500 or (415) 968-9200 OR WRITE, Hewlett-Packard, 1820 Embarcadero, Palo Alto, California 94303. IN EUROPE, CALL YOUR LOCAL HP SALES OR SERVICE OFFICE OR WRITE, Hewlett-Packard S.A., 7, rue du Bois-du-lan Case Postale 365 CH 1217 Meyrin 1 — Geneva, Switzerland. IN JAPAN, Yokogawa-Hewlett-Packard Ltd., 1-27-15, Yabe Sagamihara City, Kanagawa Prefecture, Japan 229.

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