

S E R V I C E N O T E

SUPERSEDES: NONE

54602B Oscilloscope**Serial Numbers:** 0000A00000 / 9999A99999**Horizontal Delta-t And (Delta-t)^-1 Accuracy****Duplicate Service Notes:**

54600B-05

54601B-05

54602B-05

Situation:

The calibration routine to verify horizontal delta-t and (delta-t)⁻¹ accuracy has test limits that are calculated incorrectly. The specification is:

0.01% of reading ±0.2% of full scale ±200 ps

Solution/Action:

Calibration routines for horizontal delta-t and (delta-t)⁻¹ accuracy should be modified to the table below.

Continued

DATE: January 1996

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:

INFORMATION ONLY

AUTHOR:

CLD

ENTITY:

0840

ADDITIONAL INFORMATION:

Reading	Time Base	Limits
10kHz	20us/div	9.959 to 10.04 kHz
100us		99.59 to 100.4 us
1MHz	200ns/div	.9957 to 1.004 MHz
1us		.9957 to 1.004 us
100MHz	5ns/div	97.08 to 103.1 MHz
10ns		9.699 to 10.30 ns

Solution/Action:

Calibration routines for voltage measurement accuracy should be modified to the table below.