

INFORMATION ONLY – DOES NOT COMMUNICATE
A MODIFICATION OR SAFETY CONDITION

1680A-01

S E R V I C E N O T E

Supersedes:
None

1680A	1680AD	Benchtop Logic Analyzer
1681A	1681AD	Benchtop Logic Analyzer
1682A	1682AD	Benchtop Logic Analyzer
1683A	1683AD	Benchtop Logic Analyzer
1690A	1690AD	Hosted Logic Analyzer
1691A	1691AD	Hosted Logic Analyzer
1692A	1692AD	Hosted Logic Analyzer
1693A	1693AD	Hosted Logic Analyzer

Serial Numbers: MY00000000 / MY99999999

Incorrect limits stated for Time Interval Accuracy verification in the 1680/90-series service manual Performance Test Record.

Parts Required:
None

Situation:

There is a typographical error in the limits of the Time Interval Accuracy verification in the 1680/90-series service manual (First Edition) Performance Test Record. The limits are incorrectly stated.

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION: INFORMATION ONLY
AUTHOR: RB PRODUCT LINE: 1A
ADDITIONAL INFORMATION: 1680/90-series Service Manual (First Edition) - 01680-97003

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Solution/Action:

The correct limits for the Time Interval Accuracy verification are:

409.5575 μ s to 409.6425 μ s

Make the above correction in the 1680/90-series service manual in the following places:

- Limits for the Time Interval Accuracy verification in the Performance Test Record page 71. The Performance Test Record should read:

Time Interval Accuracy	Expected	Limits	Measured
	409.60 μ s	409.5575 μ s to 409.6425 μ s	_____

- In the procedure To test the time interval accuracy on page 68, step 5. Step 5 should read:

5 Click on the Run-Repetitive icon. Allow the logic analyzer to acquire data for at least 100 runs, as reported at the bottom of the window. Observe the M1 to M2 time interval field in the Markers Toolbar and ensure the time interval field is between 409.5575 and 409.6425 μ s during the test.