

Appendix A

PERFORMANCE VERIFICATION TEST RECORD

This record can be used to record the results of measurements made during the performance verification of the HFP1000 High Frequency Probe.

Photocopy this page and record the results on the copy. File the completed record as required by applicable internal quality procedures.

The section in the test record corresponds to the parameters tested in the performance verification procedure. The numbers preceding the individual data records correspond to the steps in the procedure that require the recording of data. Results to be recorded in the column labeled "Test Result" are the actual specification limit check. The test limits are included in all of these steps. Other measurements and the results of intermediate calculations that support the limit check are to be recorded in the column labeled "Intermediate Results".

Permission is granted to reproduce these pages for the purpose of recording test results.

Probe Model: HFP1000

Serial Number:

Asset or Tracking Number:

Date:

Technician:

EQUIPMENT USED:

|                                 | MODEL | SERIAL NUMBER | CALIBRATION DUE DATE |
|---------------------------------|-------|---------------|----------------------|
| OSCILLOSCOPE                    |       |               |                      |
| DIGITAL MULTIMETER              |       |               |                      |
| FUNCTION GENERATOR <sup>1</sup> |       |               | N/A                  |

<sup>1</sup>The function generator used in this Performance Verification Procedure is used for making relative measurements. The output of the generator is measured with a DMM or oscilloscope in this procedure. Thus, the generator is not required to be calibrated.

## HFP1000 High Frequency Probe

### HFP1000 TEST RECORD

| Step                           | Description   | Intermediate data | Test Result |
|--------------------------------|---|-------------------|-------------|
| <b>Output Zero Voltage</b>     |   |                   |             |
| A-5                            | <b>Output Zero Voltage</b> (Test limit $\leq \pm 800 \mu\text{V}$ ) |                   | _____ V     |
| <b>LF Attenuation Accuracy</b> |   |                   |             |
| B-7                            | Generator Output Voltage  | _____ V           |             |
| B-8                            | Expected Output Voltage, top range                                  | _____ V           |             |
| B-10                           | Measured Output Voltage, top range                                  | _____ V           |             |
| B-12                           | <b>Gain Error</b> , top range (Test limit $\leq \pm 1.0\%$ )        |                   | _____ %     |
| B-17                           | Generator Output Voltage  | _____ V           |             |
| B-19                           | Expected Output Voltage, mid range                                  | _____ V           |             |
| B-21                           | Measured Output Voltage, mid range                                  | _____ V           |             |
| B-23                           | <b>Gain Error</b> , mid range (Test limit $\leq \pm 1.0\%$ )        |                   | _____ %     |

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