

Oscilloscope

Memorial University Technical Services

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Revision 2

Sony Tek 314

HP 54503A

Tektronic 465

B & K 1590A

Fluke 43

1.0 Equipment

The following is required:

Omega CL 310 Multifunction Process Calibrator

Form TS-0089 Oscilloscope Calibration Record Sheet

2.0 Procedure

- 1) Record the ambient temperature. If the ambient temperature is $<18^{\circ}\text{C}$ or $>24^{\circ}\text{C}$ perform verification at another location.
- 2) Connect the calibrator to the appropriate cable or connector on the oscilloscope being tested
- 3) Select the frequency and scale for frequency being generated by the simulator
- 4) Select frequency range between 1 and 10 KHz or less depending upon the oscilloscope limits and record the values in the Oscilloscope Verification Table
- 5) Select DC voltages between 0 and 20 V and record the values in the Oscilloscope Verification Table