

# CERTIFICATE OF CALIBRATION

MODEL NO. CM2.125

SERIAL NO. 6119078M

THIS CERTIFIES THAT THE ABOVE INSTRUMENT HAS BEEN TESTED AND CALIBRATED  
AT SENCORE ELECTRONICS, INC., AGAINST STANDARDS TRACEABLE TO THE  
NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY\* MAINTAINED IN THE  
STANDARDS LAB OF SENCORE WHICH MEETS OR EXCEEDS THE  
REQUIREMENTS OF MIL-STD-45662.

**SENCORE**

3200 SENCORE DRIVE  
SIOUX FALLS, SOUTH DAKOTA 57107

\*See reverse side for list of primary standards used by SENCORE.

Form 5184

## PRIMARY CALIBRATION STANDARDS USED AT SENCORE

### DC VOLTAGES

John Fluke Mfg. Co., Inc.  
DC Reference Standard  
Model 732A S/N 3825053  
Accuracy +/- 6ppm

### AC VOLTAGES

Hewlett-Packard  
System Multimeter  
Model 3458A S/N 2823A01413  
Accuracy: 10V 1KHz +/- 160 ppm

John Fluke Mfg. Co., Inc.  
Meter Calibrator  
Model 5700A S/N 4735013A  
Accuracy: 10V 1KHz +/- 86 ppm

### AC/DC CURRENT

Julie Research Laboratories, Inc.  
AC/DC Current Shunts  
Models CS-1R-2-1-01A S/N 207  
CS-1R-20-1-01 S/N 206  
Accuracy +/- 100 ppm

### RESISTANCE

Julie Research Laboratories, Inc.  
Standard Resistances  
Models PRO 106L S/N 74  
PRO 106H S/N 75  
Accuracy +/- 20 ppm

Electro Scientific Industries, Inc.  
Standard Resistor  
Model SR1 S/N 23810860001A  
Accuracy +/- 20 ppm

### FREQUENCY

Spectracom Corp.  
Frequency Standard Oscillator  
Model 8130 S/N 8130-0442

Spectracom Corp.  
Frequency Standard Receiver  
Model 8160A S/N 8160-0448  
(Set for WWVB)  
Maintained Accuracy:  
0.02 ppm @ 10MHz

### RF POWER

Hewlett-Packard  
RF Power Meter  
Model 436A S/N 2236A13369  
Accuracy: +/- 0.04 dBm

### INDUCTANCE/ CAPACITANCE

Electro Scientific Industries, Inc.  
Auto LRC Meter  
Model 2160 S/N 20512862160

Capacitance 1 nF to 10 uF  
Accuracy +/- 200 ppm @ 1KHz

Inductance 100 uH to 40 H  
Accuracy +/- 500 ppm @ 1 KHz