



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005  
& ANSI/NCSL Z540-1-1994

ESCARCEGA TECHNOLOGY SERVICES, INC.  
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Garden Grove, CA 92841  
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CALIBRATION

Valid To: January 31, 2020

Certificate Number: 4779.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following calibrations<sup>1</sup>:

I. Electrical – DC/Low Frequency

Parameter/Range	Frequency	CMC <sup>2</sup> (±)	Comments
Capacitance – Measure 1 µF	1 kHz	8.4 nF	LCR Meter AT2817A Gen Rad 1412BC

<sup>1</sup> This laboratory offers commercial calibration service.

<sup>2</sup> Calibration and Measurement Capability Uncertainty (CMC) is the smallest uncertainty of measurement that a laboratory can achieve within its scope of accreditation when performing more or less routine calibrations of nearly ideal measurement standards or nearly ideal measuring equipment. CMC's represent expanded uncertainties expressed at approximately the 95 % level of confidence, usually using a coverage factor of  $k = 2$ . The actual measurement uncertainty of a specific calibration performed by the laboratory may be greater than the CMC due to the behavior of the customer's device and to influences from the circumstances of the specific calibration.



## Accredited Laboratory

A2LA has accredited

**ESCARCEGA TECHNOLOGY SERVICE, INC.**

*Garden Grove, California*

for technical competence in the field of

**Calibration**

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *General requirements for the competence of testing and calibration laboratories*. This laboratory also meets the requirements of ANSI/NCSL Z540-1-1994 and R205 – Specific Requirements: Calibration Laboratory Accreditation Program. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated 8 January 2009).



Presented this 18<sup>th</sup> day of October 2017.

A handwritten signature in black ink, appearing to read 'L. S.', written over a horizontal line.

President and CEO  
For the Accreditation Council  
Certificate Number 4779.01  
Valid to January 31, 2020

*For the calibrations to which this accreditation applies, please refer to the laboratory's Calibration Scope of Accreditation.*