



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

WIRELESS RESEARCH CENTER OF NORTH CAROLINA  
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Wake Forest, NC 27587  
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ELECTRICAL

Valid To: November 30, 2019

Certificate Number: 3518.01

In recognition of the successful completion of the A2LA Accreditation Program, accreditation is granted to this laboratory to perform the following types of wireless tests on mobile devices:

<u>Testing Technology:</u>	<u>Test Methods<sup>1</sup>:</u>
OTA Performance	CTIA Test Plan for Wireless Device Over the Air Performance for the following:  CDMA, GSM, GPRS, EGPRS, UMTS (W-CDMA), CDMA, 1xEVDO, CDMA 1xRTT, LTE  Verizon Over the Air Radiated Performance: CDMA, 1xRTTE, CDMA 1xEVDO, LTE
Passive Antenna Measurements	IEEE Standard Test Procedures for Antennas IEEE Std 149: 3.0 Radiation Patterns 3.2 Pattern Cuts 10.2 Phase Pattern 10.3 Antenna Phase Center 11.2 Polarization 12.3 Gain Transfer 12.6 Directivity 13 Radiation Efficiency 16.1 Input-Impedance 16.2 Mutual Impedance

(CTIA – Cellular Telecommunications & Internet Association)

<sup>1</sup>When the date, edition, version, etc. is not identified in the scope of accreditation, laboratories are expected to be competent in the use of the current version within one year of the date of publication, per part C, Section 1 of A2LA R101 – *General Requirements Accreditation of ISO-IEC 17025 Laboratories*.



## Accredited Laboratory

A2LA has accredited

# WIRELESS RESEARCH CENTER OF NORTH CAROLINA

*Wake Forest, NC*

for technical competence in the field of

## Electrical Testing

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 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 30<sup>th</sup> day of October 2017.

A handwritten signature in black ink, written over a horizontal line.

President and CEO  
For the Accreditation Council  
Certificate Number 3518.01  
Valid to November 30, 2019

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