



# Accredited Laboratory

A2LA has accredited

## GARMIN INTERNATIONAL

Olathe, KS

for technical competence in the field of

### Electrical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *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 April 2017).



Presented this 28<sup>th</sup> day of July 2021.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 6162.01  
Valid to June 30, 2023

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



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

GARMIN INTERNATIONAL  
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ELECTRICAL

Valid To: June 30, 2023

Certificate Number: 6162.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following electrical tests:

<b><u>Test Technology:</u></b>	<b><u>Test Method(s)<sup>1</sup>:</u></b>
<b><i>Emissions</i></b>	CFR 47, FCC Part 15, Subpart B (using ANSI C63.4:2014 or ANSI C63.4); CISPR 11 Ed 6.0 (2015); CISPR 11 Ed 6.1 (2016); CISPR 11 Ed 6.2 (2019); CISPR 11; CISPR 25 Ed 4: 2016; CISPR 25 Ed 5; 2021; CISPR 25; CISPR 32 Ed. 1.0 (2012); CISPR 32 Ed. 2.0 (2015); CISPR 32 Ed. 2.1 (2019); CISPR 32; AS/NZS CISPR 32 (2013); AS/NZS CISPR 32 (2015); AS/NZS CISPR 32 (2015) +AMD 1 (2020); AS/NZS CISPR 32; EN 55011 (2009) + A1(2010); EN 55011 (2016) + A1 (2017) + A11 (2020); EN 55011; EN 55025: 2017; EN 55025; EN 55032 (2012) + AC (2013); EN 55032 (2015) + A11 (2020); EN 55032; EN 61000-3-2: 2014; EN 61000-3-2: 2018; EN 61000-3-2: 2018 + A1:2020; EN 61000-3-2; EN 61000-3-3: 2013; EN 61000-3-3: 2013 + A1: 2019; EN 61000-3-3: 2013 + A1: 2019 + A2: 2021; EN 61000-3-3; ICES-003 Issue 7 (Oct. 2015); ICES-003; IEC 61000-3-2 Ed 4: 2014; IEC 61000-3-2 Ed 5: 2018; IEC 61000-3-2 Ed 5: 2018 + A1: 2020; IEC 61000-3-2; IEC 61000-3-3 Ed 3: 2013; IEC 61000-3-3 Ed 3: 2013 + A1: 2017; IEC 61000-3-3 Ed 3: 2013 + A1:2017 +A2: 2021; IEC 61000-3-3

<b><u>Test Technology:</u></b>	<b><u>Test Method(s)¹:</u></b>
<b><i>Immunity</i></b>	IEC 61000-4-2 Ed 2: 2008; IEC 61000-4-2; EN 61000-4-2: 2009; EN 61000-4-2; IEC 61000-4-3 Ed 3: 2006; IEC 61000-4-3 Ed 3: 2006 +A1: 2007; IEC 61000-4-3 Ed 3: 2006 +A1: 2007 +A2: 2010; IEC 61000-4-3 Ed 4: 2020; IEC 61000-4-3; EN 61000-4-3: 2006; EN 61000-4-3: 2006 +A1: 2008; EN 61000-4-3: 2006 +A1: 2008 +A2: 2010; EN 61000-4-3; IEC 61000-4-4 Ed 3: 2012; IEC 61000-4-4; EN 61000-4-4: 2012; EN 61000-4-4; IEC 61000-4-5 Ed 3: 2014; IEC 61000-4-5 Ed 3: 2014 +A1: 2017; IEC 61000-4-5; EN 61000-4-5: 2014; EN 61000-4-5: 2014 +A1: 2017; EN 61000-4-5; IEC 61000-4-6 Ed 4: 2013; IEC 61000-4-6; EN 61000-4-6: 2014; EN 61000-4-6; IEC 61000-4-8 Ed 2: 2009; IEC 61000-4-8; EN 61000-4-8: 2010; IEC 61000-4-8; IEC 61000-4-11 Ed 2: 2004; IEC 61000-4-11 Ed 2: 2004 +A1: 2017; IEC 61000-4-11 Ed 3: 2020; IEC 61000-4-11; EN 61000-4-11: 2004; EN 61000-4-11: 2004+A1: 2017; EN 61000-4-11
<b><i>Telecommunications</i></b>	
<i>Australia</i>	AS/NZS 4268: 2017; AS/NZS 4268
<i>Canada</i>	RSS-GEN Issue 5:2018; RSS-GEN Issue 5 Amd 1:2019; RSS-GEN Issue 5 Amd 2:2021; RSS-GEN; RSS-210 Issue 10:2019; RSS-210 Issue 10 Amd 1:2020; RSS-210; RSS-247 (w/o DFS) Issue 2:2017; RSS-247 (w/o DFS); RSS- 310 Issue 5:2020; RSS- 310; RSS-141 Issue 2: 2010, RSS-141
<i>European Union (EU)</i>	ETSI EN 300 328 V2.1.1 (2016-11); ETSI EN 300 328 V2.2.2 (2019-04); ETSI EN 300 328; ETSI EN 303 413 V1.1.1 (2017-06); ETSI EN 303 413; ETSI EN 300 220-1 v3.1.1: 2017; ETSI EN 300 220-1; ETSI EN 300 220-2 v3.1.1: 2017; ETSI EN 300 220-2 v3.2.1: 2018; ETSI EN 300 220-2; ETSI EN 300 330 v2.1.1; ETSI EN 300 330; ETSI EN 301 489-1 v2.1.1 (excluding clause 9.6); ETSI EN 301 489-1 v2.2.0 (excluding clause 9.6); ETSI EN 301 489-1 v2.2.3 (excluding clause 9.6); ETSI EN 301 489-1 (excluding clause 9.6); ETSI EN 301 489-3 v1.6.1; ETSI EN 301 489-3; ETSI EN 301 489-17 v2.1.1; ETSI EN 301 489-17 v2.2.1; ETSI EN 301 489-17 v3.1.1; ETSI EN 301 489-17 v3.2.4; ETSI EN 301 489-17; ETSI EN 301 489-20 v2.1.1; ETSI EN 301 489-20



<b><u>Test Technology:</u></b>	<b><u>Test Method(s)<sup>1</sup>:</u></b>
<i>Unlicensed Radio - FCC</i>	CFR 47, FCC Part 15, Subpart C (using ANSI C63.10:2013 or ANSI C63.10) CFR 47, FCC Part 18 (using MP-5: 1986); CFR 47, FCC Part 87 (D); CFR 47, FCC Part 95 (A, B, C, D, G, H, I, J, K)
<b><i>Product Family/ Generic Standards</i></b>	CISPR 24: 2010; CISPR 24: 2010 + A1: 2015; CISPR 24; EN 55024:2010; EN 55024:2010 + A1: 2015; EN 55024; CISPR 35 Ed 1: 2016; CISPR 35; EN 55035: 2017; EN 55035: 2017 + A11: 2020; EN 55035; IEC 61000-6-1 Ed 2: 2005; IEC 61000-6-1 Ed 3: 2016; IEC 61000-6-1; EN 61000-6-1: 2007; EN 61000-6-1; IEC 61000-6-3 Ed. 2.0 (2006); IEC 61000-6-3 Ed. 2.1 (2010); IEC 61000-6-3; EN 61000-6-3 (2007) + A1 (2011) + AC (2012); EN 61000-6-3; IEC/EN 60945 Clauses 9 and 10 Ed. 4:2002; UN Reg 10 Clauses 6.5, 6.6, 6.8: 2019; EN 50498 Clauses 7.1, 7.2: 2010

<sup>1</sup> When the date, revision or edition of a test method standard is not identified on the scope of accreditation, the laboratory is required to be using 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*.

Testing Activities Performed in Support of FCC Declaration of Conformity and Certification in Accordance with 47 Code of Federal Regulations and FCC KDB 974614, Appendix A, Table A.1<sup>2</sup>

<b>Rule Subpart/Technology</b>	<b>Test Method</b>	<b>Maximum Frequency (MHz)</b>
<u>Unintentional Radiators</u> Part 15B	ANSI C63.4:2014	26500
<u>Intentional Radiators</u> Part 15C	ANSI C63.10:2013	26500
Part 95	ANSI C63.10:2013	26500
<u>Industrial, Scientific, and Medical Equipment</u> Part 18	FCC MP-5:1986	26500

<sup>2</sup> Accreditation does not imply acceptance to the FCC equipment authorization program. Please see the FCC website (<https://apps.fcc.gov/oetcf/eas/>) for a listing of FCC approved laboratories.