



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

TUV RHEINLAND (INDIA) PVT. LTD.<sup>1</sup>  
No. 108, Electronics City Phase 1  
West Wing, Bangalore – 560100  
Karnataka, India  
Mr. B R Guruprasad Phone: +91 80 4649 8000

ELECTRICAL

Valid to: August 31, 2021

Certificate Number: 4271.01

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

**Test:**

**Test Method(s):**

***Unintentional Radiators***  
(up to 40 GHz)

CFR 47, FCC Part 15, Subpart B (using ANSI C63.4:2014);  
CFR 47, FCC Part 18 (using MP-5:1986);  
ICES-003;  
VCCI V-3 (up to 6 GHz)

***Intentional Radiators***  
(up to 40 GHz, Radiated  
measurements only)

Unlicensed Devices

CFR 47, FCC Part 15, Subpart C (using ANSI C63.10:2013);  
CFR 47, FCC Part 15, Subpart E (using ANSI C63.10:2013)

Licensed Devices

CFR 47, FCC Parts 22 (cellular), 24, 25 (non-microwave), 27,  
90 (using ANSI/TIA-603-E; TIA-102.CAAA-E; ANSI  
C63.26:2015);  
CFR 47, FCC Part 95 (MBAN) (using ANSI C63.26-2015)

RSS Gen; RSS 210; RSS 247; RSS 132; RSS 133; RSS 139;  
RSS 130; RSS 170; RSS 199

<sup>1</sup> This accreditation covers testing performed at the main laboratory listed above, as well as the satellite laboratories listed below.

TUV Rheinland (India) Private. Ltd.  
27/B, 2<sup>nd</sup> Cross, Electronics City Phase 1,  
Bangalore 560 100  
Karnataka, India

**Test:**

**Test Method(s):**

***Unintentional Radiators***  
*(up to 40 GHz, radiated  
measurements only)*

CFR 47, FCC Part 15, Subpart B (using ANSI C63.4:2014);  
CFR 47, FCC Part 18 (using MP-5:1986);  
ICES-003;  
VCCI V-3 (up to 6 GHz)

***Intentional Radiators***  
*(up to 40 GHz)*  
Unlicensed Devices

CFR 47, FCC Part 15, Subpart C (using ANSI C63.10-2013);  
CFR 47, FCC Part 15, Subpart E (using ANSI C63.10-2013)  
*(including DFS)* using FCC KDB Publication 905462;  
CFR 47, FCC Part 15, Subpart D (using ANSI C63.17-2013);

Licensed Devices

CFR 47, FCC Parts 22 (cellular), 24, 25 (non-microwave), 27  
using ANSI/TIA-603-E; TIA-102.CAAA-E;  
ANSI C63.26-2015);  
CFR 47, FCC Part 95 (MBAN) (Using ANSI C 63.26-2015);  
  
RSS Gen; RSS 210; RSS 247; RSS 132; RSS 133; RSS 139;  
RSS 130; RSS 170; RSS 199



TUV RHEINLAND (INDIA) PVT. LTD  
Survey No 480/2, AMTZ Campus, Nadupuru Village,  
Pedagantyada Mandal, Pragati Maidan, VM Steel Project S.O.,  
Visakhapatnam – 530031  
Andhra Pradesh, India

**Test:**

***Unintentional Radiators***  
Radiated and Conducted  
Emissions  
(up to 40 GHz)

**Test Method(s):**

CFR 47, FCC Part 15, Subpart B (using ANSI C63.4-2014);  
CFR 47, FCC Part 18 (using MP-5-1986);  
ICES-003;  
VCCI V-3 (up to 6 GHz)



Testing Activities Performed in Support of FCC 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	40000 MHz
<u>Industrial, Scientific, and Medical Equipment</u> Part 18	FCC MP-5 (February 1986)	40000 MHz
<u>Intentional Radiators</u> Part 15C	ANSI C63.10:2013	40000 MHz
<u>Unlicensed Personal Communication Systems Devices</u> Part 15D	ANSI C63.17:2013	40000 MHz
<u>U-NII without DFS Intentional Radiators</u> Part 15E	ANSI C63.10:2013	40000 MHz
<u>U-NII with DFS Intentional Radiators</u> Part 15E	FCC KDB Publication 905462	40000 MHz
<u>Commercial Mobile Services (FCC Licensed Radio Service Equipment)</u> Parts 22 (cellular), 24, 25 (non-microwave), and 27	ANSI/TIA-603-E; TIA-102.CAAA-E; ANSI C63.26:2015	40000 MHz

<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.





# Accredited Laboratory

A2LA has accredited

## TUV RHEINLAND (INDIA) PVT. LTD.

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 25<sup>th</sup> day of November 2019.

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

Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 4271.01  
Valid to August 31, 2021

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