

Wireless Testing Market Report by Offering (Equipment, Services), Technology (Wi-Fi, Bluetooth, 2G/3G, 4G/LTE, 5G, and Others), Application (Consumer Electronics, Automotive, IT and Telecommunication, Energy and Power, Medical Devices, Aerospace and Defense, and Others), and Region 2024-2032

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Abstracts

The global wireless testing market size reached US\$ 11.1 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 18.6 Billion by 2032, exhibiting a growth rate (CAGR) of 5.7% during 2024-2032.

Wireless testing refers to the process of evaluating the capacity of a device for connecting with other electronic gadgets and networks. It aids in performing various operational tasks, verifying regulating compliances, examining device interoperability performance, and ensuring users safety of wireless devices. This, in turn, assists enterprises in enhancing security operations and eliminating the risk of unusual activities. On account of these properties, wireless testing finds extensive applications across various industries. At present, it is commercially categorized based on varying technologies used, such as Bluetooth, Wi-Fi, and long-term evaluation (LTE).

Wireless Testing Market Trends:

The widespread adoption of wireless testing across various industrial verticals, such as telecom, consumer electronics, automotive, telecommunication and information technology (IT), on account of increasing instances of cyberattacks and fraudulent activities, is one of the prime factors currently driving the market growth. In line with this, significant technological advancements, such as the Internet of Things (IoT), Industrial

Internet of Things (IIoT) and machine-to-machine (M2M) communication solutions, for performing real-time machine data transfers and ensuring optimal security are acting as other growth-inducing factors. Moreover, the advent of next-generation wireless machinery for designing interface, testing mobile devices and introducing multiple-antenna solutions, including multiple-in multiple-out (MIMO), long-term evolution (LTE) advanced, and beamforming is contributing to the market growth. The sudden outbreak of coronavirus disease (COVID-19) pandemic and the consequent deployment of work-from-home (WFH) corporate model has intensified the risks of data vulnerability, which, in turn, is contributing to the market growth. Other factors, such as strategic collaborations amongst key players and escalating investments in the research and development (R&D) activities for executing pre-conformance evaluation and optimizing the performance of cellular and deployed networks, are creating a positive outlook for the market.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global wireless testing market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on offering, technology and application.

Breakup by Offering:

- Equipment
- Services

Breakup by Technology:

- Wi-Fi
- Bluetooth
- 2G/3G
- 4G/LTE
- 5G
- Others

Breakup by Application:

- Consumer Electronics
- Automotive
- IT and Telecommunication

Energy and Power
Medical Devices
Aerospace and Defense
Others

Breakup by Region:

North America
United States
Canada
Asia-Pacific
China
Japan
India
South Korea
Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Anritsu Corporation, Bureau Veritas, Dekra SE, Electro Magnetic Test Inc., Eurofins Scientific, EXFO Inc., Intertek Group PLC, Keysight Technologies, Rohde & Schwarz GmbH & Co. KG, SGS S.A., Thales Group, T?V Rheinland and Viavi Solutions Inc.

Key Questions Answered in This Report

1. What was the size of the global wireless testing market in 2023?
2. What is the expected growth rate of the global wireless testing market during 2024-2032?
3. What are the key factors driving the global wireless testing market?
4. What has been the impact of COVID-19 on the global wireless testing market?
5. What is the breakup of the global wireless testing market based on the offering?
6. What is the breakup of the global wireless testing market based on the technology?
7. What is the breakup of the global wireless testing market based on the application?
8. What are the key regions in the global wireless testing market?
9. Who are the key players/companies in the global wireless testing market?

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