

Asia-Pacific Wireless Testing market – By Offering (Equipment, Service), By Technology (Wi-Fi, Bluetooth, 2G/3G, 4G/LTE, 5G), By Application (Consumer Electronics, IT & Telecommunication, Automotive, Energy & Power, Healthcare, Other), By Country, Industry Size, Share, Trends, Opportunity, and Forecast. 2018-2028.

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Abstracts

Asia Pacific Wireless Testing market is anticipated to grow at a steady pace in the forecast period, 2023-2028, owing to the rise of Connected Homes and demand for consumer electronics driving the Global Wireless Testing Market. Wireless testing evaluates a product's functionality and real-time performance using wireless technologies including Bluetooth, WiFi, and cellular connectivity. Over the years, wireless technology has developed to enable international phone, data, and video communication. The demand for the wireless testing market is also fueled by the rise of machine-to-machine communication and Internet of Things sensors connected to the internet for continuous access.

To conduct business in the Asia Pacific region, manufacturers must operate by rules & regulations relating to the security, safety, and health aspects of their wireless products. Independent safety audits also help to boost a manufacturer's ability to stand out in the market. The world of electrical design has undergone a tremendous transformation in recent years due to the Internet of Things (IoT). As a result of this transformation, the customization and integration of test equipment have reached unprecedented levels, adding a new layer of complexity to the design process.

Emergence of machine-to-machine communication and IoT sensors Propelling the

market growth

The rise in demand for wearables and smart electronic devices is anticipated to stimulate the development of the market for wireless testing in consumer electronics applications. Wireless testing is crucial in the electronics industry since the goods must be assessed for performance, usefulness, and safety before going on sale and where the focus is on developing compact and intelligent gadgets.

The use of innovative technologies across numerous industries is advancing quickly in APAC. The growth of cutting-edge technologies like machine-to-machine (M2M) and Internet of Things (IoT) is predicted to depend heavily on 5G networks. The 5G network is seen as crucial for smart cities and industrial automation because it offers simultaneous connectivity to many devices and minimal latency, which improves system performance.

In India, the use of mobile broadband, in particular 4G-capable devices, is growing fast. Additionally, 5G is still in its infancy, and telecom infrastructure providers are constructing 5G connection infrastructure to provide speedier connectivity. Thus, these factors are promoting the growth of the APAC market for wireless testing products and services.

Rising Trend Of LTE-A and 5G Devices

One of the most widely used cellular technologies in the world is LTE (Long-Term Evolution). Due to the development of LTE-A and LTE-A Pro (LTE Advanced and LTE Advanced Pro), which enable larger bandwidth ranges and multi-gigabyte data speeds, companies increasingly adopt these wireless tests to optimize LTE performance to 4.9G.

The most effective set of tests performed at various production stations vs. yield and take time on the line is being tested by manufacturers of mmwave 5G equipment. Companies utilize multi-device parallel test approaches to improve manufacturing economics and finance. Due to this, the market is anticipated to have a high CAGR.

For instance, Reliance Jio Infocomm, Bharti Airtel, and Vodafone Idea received a six-month extension from the Department of Telecommunications (DoT) in November 2021 to conduct 5G testing. This extension would allow the carriers to continue their 5G testing through May 2022. Telcos initially had until November 26, 2021, to try out 5G technology. The DoT granted local carriers the right to collaborate and create 5G use

cases in May when it granted a six-month license for 5G trial spectrum in the 700 MHz, 3.5 GHz, and 26 GHz bands.

Market Segmentation

The Asia-Pacific Wireless Testing market is divided into offering, technology, and application. Based on Offering, the market is divided into equipment and services. Based on Technology, the market is segmented into Wi-Fi, Bluetooth, 2G/3G, 4G/LTE, 5G. Based on application, the market is divided into consumer electronics, IT & telecommunication, automotive, energy & power, healthcare, and others.

Market Players

Major market players in the Asia-Pacific Wireless Testing market are Keysight Technologies, Inc., SGS S.A., TUV Rheinland AG, Rohde & Schwarz GmbH & Co. KG, Intertek Group PLC, DEKRA SE, Anritsu Corporation, EXFO, Inc., Viavi Solutions, Inc., Bureau Veritas S.A.

Report Scope:

In this report, the Asia-Pacific Wireless Testing market has been segmented into following categories, in addition to the industry trends which have also been detailed below:

Asia-Pacific Wireless Testing market, By Offering:

Equipment

Services

Asia-Pacific Wireless Testing market, By Technology:

5G

Wi-Fi

Bluetooth

2G/3G

4G/LTE

Asia-Pacific Wireless Testing market, By Application:

Consumer Electronics

IT& Telecommunication

Automotive

Energy & Power

Healthcare

Other

Asia-Pacific Wireless Testing market, By Country:

China

Japan

India

South Korea

Australia

Vietnam

Indonesia

Singapore

Philippines

Malaysia

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Asia-Pacific Wireless Testing market.

Available Customizations:

Asia-Pacific Wireless Testing market report with the given market data, Tech Sci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

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