

Vector Network Analyzer Market - Forecasts from 2018 to 2023

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Abstracts

The vector network analyzer market is projected to witness a compound annual growth rate of 3.93% during the forecast period to reach a total market size of US\$539.479 million by 2023, increasing from US\$428.00 million in 2017. The vector network analyzer is a type of radio frequency (RF) network analyzer generally utilized for RF design applications. This analyzer is a test framework that empowers the RF execution of radio frequency (RF) and microwave devices. The global market for vector network analyzer is being prominently driven on the account of declining popularity of scalar network analyzer. Moreover, owing to its several characteristics, it is widely utilized in automotive, electronic manufacture and communication sectors and expansion of these sectors will always drive the vector network analyzer market. The growing demand for 3G and 4G and sophisticated technological enhancements will also drive the global growth. However, reduction in prices of scalar systems may cause an increased sale of scalar network analyzers, thus impacting the market growth of vector network analyzer negatively. Geographically, North America can drive the market growth of vector network analyzer on account of increased consumption of electronic devices and cars. Similarly, industrial growth and economic growth in Asia Pacific region will drive the expansion of various end-use industries such as electronic manufacturing, aerospace, and defense which will, in turn, impact the market of vector network analyzers.

Research Methodology

The report provides a brief introduction of the market and deals with detailed research methodology for calculating market size and forecasts, secondary data sources used and the primary inputs which were taken for data validation. This section also outlines various segments which have been covered as part of the report.

Market Dynamics

This section provides comprehensive market dynamics through an overview section along with growth drivers, challenges and opportunities which exist in the current market. This section of the report also provides key industry, global and regional regulations which are determining the market growth and a brief technological aspect of Vector Network Analyzer. Complete industry analysis has also been covered through Porter's five forces model as a part of this report section.

Segmentation

Segments covered under the vector network analyzer market report are as below:

By Product Type

Less than 1.5GHz

Between 1.5 to 4GHz

Between 4 to 10GHz

More than 10GHz

By Industry Vertical

Automotive

Information Communication and Technology

Electronics

By Geography

Americas

North America

South America

Europe Middle East and Africa

Europe

Middle East and Africa

Asia Pacific

Key industry players profiled as part of this report are ROHDE&SCHWARZ and Transcom Instruments Co., Ltd. Keysight Technologies, AWT Global LLC, and Anritsu among others.

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