

# **Noise Vibration Harshness (NVH) Testing Market by Type (Sensors & Transducers, Meters, Analyzers, Software), Application (Environmental Noise, Pass-by-Noise, Noise Mapping, Acoustics, Sound Quality & Power and Telecom Testing) - Global Forecast to 2022**

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## **Abstracts**

“The NVH testing market growth directly linked with stringent environmental noise and growing focus on fuel efficiency”

The NVH testing market was valued at USD 1.57 billion in 2015 and is estimated to reach USD 2.08 billion by 2022, at a CAGR of 4.05% between 2016 and 2022. The stringent environmental noise regulations across the regions have been imposed to address issues related to the noise levels which have harmful impact on human health. The major factors expected to drive the growth of the NVH testing market are increasing environmental noise which is forcing the automotive manufacturers to reduce the noise levels and increased focus on fuel efficiency driving the NVH testing market.

“Market for signal conditioners to grow at the highest CAGR during the forecast period”

The signal conditioner segment is expected to grow at the highest CAGR between 2016 and 2022. The increasing complexities in the NVH test setups with the increase in features in automotive is expected to propel the market for signal conditioners as they are used for manipulating the analog signal to meet the requirements of the further processing of the signal.

“Power generation vertical to grow at the highest CAGR during the forecast period”

The power generation vertical is expected to grow at the highest CAGR during the forecast period. This growth is expected due to stringent legislative obligations for OEMs to design and manufacture low-noise products for the power generation industry. Controlling sound levels produced by generators is a high priority as various governmental agencies are enacting noise ordinances to reduce noise pollution.

“The market in the RoW region to grow at the highest CAGR during the forecast period”

The NVH testing market in RoW is estimated to grow at the highest CAGR during forecast period. The growth is primarily due to stringent regulations for construction noise levels in the Middle East and stringent regulations for automotive manufacturers in South America are expected to drive the market.

The breakup of primaries conducted during the study is depicted below.

By Company Type: Tier 1 Companies - 25%, Tier 2 Companies - 20%, and Tier 3 Companies - 55%

By Designation: C-Level Executives - 25%, Directors - 25%, and Managers - 50%

By Region: North America - 30%, Europe - 20%, Asia-Pacific - 30%, and RoW - 20%

Major players operating in the NVH testing market include National Instruments Corporation (U.S.), Brüel & Kjær Sound & Vibration Measurement A/S (Denmark), Head acoustics GmbH (Germany), imc Messtechnik GmbH (Germany), DEWEsoft d.o.o. (Slovenia), Siemens Product Lifecycle Management Software, Inc. (U.S.), G.R.A.S Sound and Vibration A/S (Denmark), Muller-BBM Holding AG (Germany), Prosig, Ltd. (U.K.) and M+P international Mess-und Rechnertechnik GmbH (Germany), among others.

Study Coverage:

This report aims to estimate the market size and future growth potential of the NVH testing market across different segments such as type, vertical, application, and geography. The report covers the NVH testing market by type including hardware and software. The hardware market includes sensors & transducers, meters, analyzers, data acquisition systems, shakers & controllers, and signal conditioners. The software

market includes acquisition software, acoustic software, vibration software, signal analysis software. and calibration software. The report covers the NVH testing market for verticals include automotive & transportation, aerospace & defense, industrial, construction, consumer electronics, and power generation.

#### Key Benefits of Buying the Report:

This report includes the market statistics pertaining to type, vertical, application, and geography, along with their respective market size

The Porter's five forces framework has been utilized along with the value chain analysis to provide an in-depth insight into the NVH testing market

Major drivers, restraints, and opportunities for the NVH testing market have been detailed in this report

Illustrative segmentation, analysis, and forecast for the market on the basis of type, vertical, application, and geography have been conducted to give an overall view of the NVH testing market

A detailed competitive landscape includes key players, in-depth analysis, and market ranking analysis of the key players

## Contents

### 1 INTRODUCTION

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 MARKET DEFINITION
- 1.3 STUDY SCOPE
  - 1.3.1 MARKETS COVERED
  - 1.3.2 YEARS CONSIDERED FOR THE STUDY
- 1.4 CURRENCY
- 1.5 LIMITATIONS
- 1.6 MARKET STAKEHOLDERS

### 2 RESEARCH METHODOLOGY

- 2.1 RESEARCH DATA
  - 2.1.1 SECONDARY DATA
    - 2.1.1.1 Key data from secondary sources
  - 2.1.2 PRIMARY DATA
    - 2.1.2.1 Key data from primary sources
    - 2.1.2.2 Breakdown of primaries
- 2.2 MARKET SIZE ESTIMATION
  - 2.2.1 BOTTOM-UP APPROACH
  - 2.2.2 TOP-DOWN APPROACH
  - 2.2.3 MARKET SHARE ESTIMATION
- 2.3 MARKET BREAKDOWN AND DATA TRIANGULATION
- 2.4 RESEARCH ASSUMPTIONS

### 3 EXECUTIVE SUMMARY

### 4 PREMIUM INSIGHTS

- 4.1 ATTRACTIVE MARKET OPPORTUNITIES IN THE GLOBAL NVH TESTING MARKET
- 4.2 NVH TESTING MARKET, BY VERTICAL
- 4.3 NVH TESTING MARKET, BY TYPE
- 4.4 NVH TESTING MARKET, BY VERTICAL
- 4.5 NVH TESTING MARKET, BY APPLICATION
- 4.6 NVH TESTING MARKET, BY REGION

## 4.7 LIFE CYCLE ANALYSIS, BY REGION

# 5 MARKET OVERVIEW

## 5.1 INTRODUCTION

## 5.2 MARKET SEGMENTATION

### 5.2.1 BY TYPE

#### 5.2.1.1 Sensors & Transducers

#### 5.2.1.2 Meters

### 5.2.2 BY SOFTWARE

### 5.2.3 BY VERTICAL

### 5.2.4 BY APPLICATION

### 5.2.5 BY GEOGRAPHY

## 5.3 MARKET DYNAMICS

### 5.3.1 DRIVERS

5.3.1.1 Increasing environmental noise driving automotive manufacturers to reduce the noise levels

5.3.1.2 Growing focus on fuel efficiency driving the NVH testing market

### 5.3.2 RESTRAINTS

5.3.2.1 Increasing demand for refurbished and used NVH testing equipment

### 5.3.3 OPPORTUNITIES

5.3.3.1 Increasing motor vehicle production over the years

5.3.3.2 Increasing features of motor vehicles enabling the adoption of multi-channel equipment for NVH testing

### 5.3.4 CHALLENGES

5.3.4.1 Lack of supporting databases to enhance NVH test simulation

5.3.4.2 Complexities in the selection of appropriate NVH test equipment

# 6 INDUSTRY TRENDS

## 6.1 INTRODUCTION

## 6.2 VALUE CHAIN ANALYSIS

## 6.3 PORTER'S FIVE FORCES ANALYSIS

### 6.3.1 THREAT OF NEW ENTRANTS

### 6.3.2 THREAT OF SUBSTITUTES

### 6.3.3 BARGAINING POWER OF SUPPLIERS

### 6.3.4 BARGAINING POWER OF BUYERS

### 6.3.5 INTENSITY OF COMPETITIVE RIVALRY

## **7 NVH TESTING MARKET, BY TYPE**

### **7.1 INTRODUCTION**

### **7.2 HARDWARE**

#### **7.2.1 SENSORS & TRANSDUCERS**

##### **7.2.1.1 Microphones**

##### **7.2.1.2 Accelerometers**

###### **7.2.1.2.1 Piezoelectric accelerometers**

###### **7.2.1.2.2 Capacitive accelerometers**

###### **7.2.1.2.3 Piezoresistive accelerometers**

##### **7.2.1.3 Hydrophones**

##### **7.2.1.4 Acoustic transducers**

##### **7.2.1.5 Vibration transducers**

#### **7.2.2 ANALYZERS**

#### **7.2.3 METERS**

##### **7.2.3.1 Noise dosimeters**

##### **7.2.3.2 Sound level meters**

##### **7.2.3.3 Vibration meters**

##### **7.2.3.4 Tacho meters**

#### **7.2.4 DATA ACQUISITION SYSTEMS**

#### **7.2.5 SIGNAL CONDITIONERS**

#### **7.2.6 SHAKERS & CONTROLLERS**

### **7.3 SOFTWARE**

#### **7.3.1 ACQUISITION SOFTWARE**

#### **7.3.2 ACOUSTIC SOFTWARE**

#### **7.3.3 VIBRATION SOFTWARE**

#### **7.3.4 SIGNAL ANALYSIS SOFTWARE**

#### **7.3.5 CALIBRATION SOFTWARE**

## **8 NVH TESTING MARKET, BY VERTICAL**

### **8.1 INTRODUCTION**

### **8.2 AUTOMOTIVE AND TRANSPORTATION**

### **8.3 AEROSPACE & DEFENSE**

### **8.4 POWER GENERATION**

### **8.5 CONSUMER ELECTRONICS**

### **8.6 CONSTRUCTION**

### **8.7 INDUSTRIAL**

### **8.8 OTHERS**

## **9 NVH TESTING MARKET, BY APPLICATION**

- 9.1 INTRODUCTION
- 9.2 ENVIRONMENTAL NOISE
- 9.3 PASS-BY-NOISE TESTING
- 9.4 NOISE MAPPING
- 9.5 SOUND POWER
- 9.6 TELECOM TESTING
- 9.7 SOUND QUALITY
- 9.8 BUILDING ACOUSTICS
- 9.9 HUMAN VIBRATION
- 9.10 PRODUCT VIBRATION

## **10 GEOGRAPHICAL ANALYSIS**

- 10.1 INTRODUCTION
- 10.2 NORTH AMERICA
  - 10.2.1 U.S.
    - 10.2.1.1 Noise levels in the U.S.
  - 10.2.2 CANADA
    - 10.2.2.1 Noise levels in Canada
  - 10.2.3 MEXICO
    - 10.2.3.1 Noise levels in Mexico
- 10.3 EUROPE
  - 10.3.1 U.K.
    - 10.3.1.1 Noise levels in the U.K.
  - 10.3.2 GERMANY
    - 10.3.2.1 Noise levels in Germany
  - 10.3.3 FRANCE
    - 10.3.3.1 Noise levels in France
  - 10.3.4 ITALY
    - 10.3.4.1 Noise levels in Italy
- 10.4 APAC
  - 10.4.1 JAPAN
    - 10.4.1.1 Noise levels in Japan
  - 10.4.2 CHINA
    - 10.4.2.1 Noise levels in China
  - 10.4.3 INDIA

- 10.4.3.1 Noise levels in India
- 10.4.4 SOUTH KOREA
- 10.5 REST OF THE WORLD (ROW)
  - 10.5.1 MIDDLE EAST AND AFRICA
    - 10.5.1.1 Noise levels in the Middle East and Africa
  - 10.5.2 SOUTH AMERICA
    - 10.5.2.1 Noise levels in South America

## **11 COMPETITIVE LANDSCAPE**

- 11.1 OVERVIEW
- 11.2 MARKET RANKING ANALYSIS, 2015
- 11.3 COMPETITIVE SITUATION AND TRENDS
  - 11.3.1 NEW PRODUCT LAUNCHES
  - 11.3.2 ACQUISITIONS
  - 11.3.3 PARTNERSHIPS, COLLABORATIONS, AND JOINT VENTURES
  - 11.3.4 OTHERS

## **12 COMPANY PROFILES**

### 12.1 INTRODUCTION

(Business Overview, Products & Services, Key Insights, Recent Developments, SWOT Analysis, Ratio Analysis, MnM View)\*

- 12.2 NATIONAL INSTRUMENTS CORPORATION
- 12.3 SIEMENS PRODUCT LIFECYCLE MANAGEMENT SOFTWARE INC.
- 12.4 BRÜEL & KJØR SOUND & VIBRATION MEASUREMENT A/S.
- 12.5 IMC MEßSYSTEME GMBH
- 12.6 HEAD ACOUSTICS GMBH
- 12.7 DEWESOFT. D.O.O
- 12.8 G.R.A.S. SOUND & VIBRATION A/S
- 12.9 M+P INTERNATIONAL MESS- UND RECHNERTECHNIK GMBH
- 12.10 SIGNAL.X TECHNOLOGIES LLC
- 12.11 PROSIG LTD

\*Details on Business Overview, Products & Services, Key Insights, Recent Developments, SWOT Analysis, MnM View might not be captured in case of unlisted companies.



## **13 APPENDIX**

13.1 INSIGHTS OF INDUSTRY EXPERTS

13.2 DISCUSSION GUIDE

13.3 KNOWLEDGE STORE: MARKETSandMARKETS' SUBSCRIPTION PORTAL

13.4 INTRODUCING RT: REAL-TIME MARKET INTELLIGENCE

13.5 AVAILABLE CUSTOMIZATIONS

13.6 RELATED REPORTS

13.7 AUTHOR DETAILS

## List Of Tables

### LIST OF TABLES

Table 1 FUEL EFFICIENCY PRODUCTS LAUNCHED BY AUTOMOTIVE MANUFACTURERS

Table 2 KEY SAFETY & DRIVER ASSISTANT SYSTEM REGULATIONS, BY REGION

Table 3 PORTER'S FIVE FORCES ANALYSIS: INTENSITY OF COMPETITIVE RIVALRY LIKELY TO HAVE A HIGH IMPACT ON THE NVH TESTING MARKET

Table 4 NVH TESTING MARKET, BY TYPE, 2014–2022 (USD MILLION)

Table 5 NVH TESTING MARKET FOR HARDWARE, BY TYPE, 2014–2022 (USD MILLION)

Table 6 NVH TESTING MARKET FOR HARDWARE, BY REGION, 2014–2022 (USD MILLION)

Table 7 NVH TESTING MARKET FOR SENSORS & TRANSDUCERS, BY TYPE, 2014–2022 (USD MILLION)

Table 8 NVH TESTING MARKET FOR SENSORS & TRANSDUCERS, BY REGION, 2014–2022 (USD MILLION)

Table 9 NVH TESTING MARKET FOR ANALYZERS, BY REGION, 2014–2022 (USD MILLION)

Table 10 NVH TESTING MARKET FOR METERS, BY TYPE, 2014–2022 (USD MILLION)

Table 11 NVH TESTING MARKET FOR METERS, BY REGION, 2014–2022 (USD MILLION)

Table 12 NVH TESTING MARKET FOR DATA ACQUISITION SYSTEMS, BY REGION, 2014–2022 (USD MILLION)

Table 13 NVH TESTING MARKET FOR SIGNAL CONDITIONERS, BY REGION, 2014–2022 (USD MILLION)

Table 14 NVH TESTING MARKET FOR SHAKERS & CONTROLLERS, BY REGION, 2014–2022 (USD MILLION)

Table 15 NVH TESTING MARKET FOR SOFTWARE, BY TYPE, 2014–2022 (USD MILLION)

Table 16 NVH TESTING MARKET FOR SOFTWARE, BY REGION, 2014–2022 (USD MILLION)

Table 17 NVH TESTING MARKET FOR ACQUISITION SOFTWARE, BY REGION, 2014–2022 (USD MILLION)

Table 18 NVH TESTING MARKET FOR ACOUSTIC SOFTWARE, BY REGION, 2014–2022 (USD MILLION)

Table 19 NVH TESTING MARKET FOR VIBRATION SOFTWARE, BY REGION,

2014–2022 (USD MILLION)

Table 20 NVH TESTING MARKET FOR SIGNAL ANALYSIS SOFTWARE, BY REGION, 2014–2022 (USD MILLION)

Table 21 NVH TESTING MARKET FOR CALIBRATION SOFTWARE, BY REGION, 2014–2022 (USD MILLION)

Table 22 NVH TESTING MARKET SIZE, BY VERTICAL, 2014–2022 (USD MILLION)

Table 23 NVH TESTING MARKET FOR AUTOMOTIVE & TRANSPORTATION, BY REGION, 2014–2022 (USD MILLION)

Table 24 NVH TESTING MARKET FOR AEROSPACE & DEFENSE, BY REGION, 2014–2022 (USD MILLION)

Table 25 NVH TESTING MARKET FOR POWER GENERATION, BY REGION, 2014–2022 (USD MILLION)

Table 26 NVH TESTING MARKET FOR CONSUMER ELECTRONICS, BY REGION, 2014–2022 (USD MILLION)

Table 27 NVH TESTING MARKET FOR CONSTRUCTION, BY REGION, 2014–2022 (USD MILLION)

Table 28 NVH TESTING MARKET FOR INDUSTRIAL, BY REGION, 2014–2022 (USD MILLION)

Table 29 NVH TESTING MARKET FOR OTHER VERTICALS, BY REGION, 2014–2022 (USD MILLION)

Table 30 NVH TESTING MARKET, BY APPLICATION, 2014–2022 (USD MILLION)

Table 31 NVH TESTING MARKET FOR ENVIRONMENTAL NOISE APPLICATION, BY REGION, 2014–2022 (USD MILLION)

Table 32 NVH TESTING MARKET FOR PASS-BY-NOISE LEVEL, BY REGION, 2014–2022 (USD MILLION)

Table 33 NVH TESTING MARKET FOR NOISE MAPPING APPLICATION, BY REGION, 2014–2022 (USD MILLION)

Table 34 NVH TESTING MARKET FOR SOUND POWER APPLICATION, BY REGION, 2014–2022 (USD MILLION)

Table 35 NVH TESTING MARKET FOR TELECOM TESTING APPLICATION, BY REGION, 2014–2022 (USD MILLION)

Table 36 NVH TESTING MARKET FOR SOUND QUALITY APPLICATION, BY REGION, 2014–2022 (USD MILLION)

Table 37 NVH TESTING MARKET, BUILDING ACOUSTICS, BY REGION, 2014–2022 (USD MILLION)

Table 38 NVH TESTING MARKET FOR HUMAN VIBRATION APPLICATION, BY REGION, 2014–2022 (USD MILLION)

Table 39 NVH TESTING MARKET FOR PRODUCT VIBRATION APPLICATION, BY REGION, 2014–2022 (USD MILLION)

Table 40 NVH TESTING MARKET, BY REGION, 2014–2022 (USD MILLION)

Table 41 NVH TESTING MARKET IN NORTH AMERICA, BY COUNTRY, 2014–2022 (USD MILLION)

Table 42 NVH TESTING MARKET IN THE U.S., BY VERTICAL, 2014–2022 (USD MILLION)

Table 43 NVH TESTING MARKET IN NORTH AMERICA, BY TYPE, 2014–2022 (USD MILLION)

Table 44 NVH TESTING MARKET IN NORTH AMERICA, BY HARDWARE, 2014–2022 (USD MILLION)

Table 45 NVH TESTING MARKET IN NORTH AMERICA, BY SOFTWARE, 2014–2022 (USD MILLION)

Table 46 NVH TESTING MARKET IN NORTH AMERICA, BY VERTICAL, 2014–2022 (USD MILLION)

Table 47 NVH TESTING MARKET IN EUROPE, BY COUNTRY, 2013–2022 (USD MILLION)

Table 48 NVH TESTING MARKET IN GERMANY, BY VERTICAL, 2014–2022 (USD MILLION)

Table 49 NVH TESTING MARKET IN EUROPE, BY TYPE, 2014–2022 (USD MILLION)

Table 50 NVH TESTING MARKET IN EUROPE, BY HARDWARE, 2014–2022 (USD MILLION)

Table 51 NVH TESTING MARKET IN EUROPE, BY SOFTWARE, 2014–2022 (USD MILLION)

Table 52 NVH TESTING MARKET IN EUROPE, BY VERTICAL, 2014–2022 (USD MILLION)

Table 53 NVH TESTING MARKET IN APAC, BY COUNTRY, 2014–2022 (USD MILLION)

Table 54 NVH TESTING MARKET IN CHINA, BY VERTICAL, 2014–2022 (USD MILLION)

Table 55 NVH TESTING MARKET IN APAC, BY TYPE, 2014–2022 (USD MILLION)

Table 56 NVH TESTING MARKET IN APAC, BY HARDWARE, 2014–2022 (USD MILLION)

Table 57 NVH TESTING MARKET IN APAC, BY SOFTWARE, 2014–2022 (USD MILLION)

Table 58 NVH TESTING MARKET IN APAC, BY VERTICAL, 2014–2022 (USD MILLION)

Table 59 NVH TESTING MARKET IN ROW, BY REGION, 2014–2022 (USD MILLION)

Table 60 NVH TESTING MARKET IN ROW, BY TYPE, 2014–2022 (USD MILLION)

Table 61 NVH TESTING MARKET IN ROW, BY HARDWARE, 2014–2022 (USD MILLION)

Table 62 NVH TESTING MARKET IN ROW, BY SOFTWARE, 2014–2022 (USD MILLION)

Table 63 NVH TESTING MARKET IN ROW, BY VERTICAL, 2014–2022 (USD MILLION)

Table 64 NVH TESTING MARKET: RANKING ANALYSIS, 2015

Table 65 MOST SIGNIFICANT NEW PRODUCT LAUNCHES IN THE NVH TESTING MARKET

Table 66 MOST SIGNIFICANT ACQUISITIONS IN NVH TESTING MARKET

Table 67 RECENT AGREEMENTS, PARTNERSHIPS AND COLLABORATIONS IN THE NVH TESTING MARKET

Table 68 OTHER RECENT DEVELOPMENTS OF THE NVH TESTING MARKET

## List Of Figures

### LIST OF FIGURES

- Figure 1 NVH TESTING MARKET SEGMENTATION
- Figure 2 NVH TESTING MARKET: RESEARCH DESIGN
- Figure 3 PROCESS FLOW OF MARKET SIZE ESTIMATION
- Figure 4 MARKET SIZE ESTIMATION METHODOLOGY: BOTTOM-UP APPROACH
- Figure 5 MARKET SIZE ESTIMATION METHODOLOGY: TOP-DOWN APPROACH
- Figure 6 NOISE VIBRATION HARSHNESS: DATA TRIANGULATION
- Figure 7 NVH TESTING MARKET, BY VERTICAL (2016)
- Figure 8 NVH TESTING MARKET, BY APPLICATION (2016)
- Figure 9 METERS EXPECTED TO HOLD THE LARGEST MARKET FOR NVH TESTING HARDWARE DURING THE FORECAST PERIOD
- Figure 10 NORTH AMERICA HELD THE LARGEST SHARE OF THE NVH TESTING MARKET IN 2015
- Figure 11 INCREASING EXPOSURE TO ENVIRONMENTAL NOISE AND GREATER FOCUS OF AUTOMOTIVE MANUFACTURERS ON FUEL EFFICIENCY AMONG EXPECTED TO FUEL THE GROWTH OF THE MARKET DURING THE FORECAST PERIOD
- Figure 12 AUTOMOTIVE & TRANSPORTATION VERTICAL EXPECTED TO HOLD THE LARGEST MARKET SIZE DURING THE FORECAST PERIOD
- Figure 13 TOP 4 HARDWARE PRODUCTS AND TOP 4 SOFTWARE PRODUCTS ACCOUNTED FOR A SHARE OF MORE THAN 80% OF THE MARKET
- Figure 14 METERS PROJECTED TO LEAD THE NVH TESTING MARKET IN 2016
- Figure 15 SIGNAL ANALYSIS SOFTWARE EXPECTED TO HOLD THE LARGEST SIZE OF THE NVH TESTING MARKET IN 2016
- Figure 16 AUTOMOTIVE & TRANSPORTATION PROJECTED TO BE THE LARGEST VERTICAL FOR THE NVH TESTING MARKET IN 2016
- Figure 17 PASS-BY-NOISE TESTING EXPECTED TO BE THE LARGEST APPLICATION OF THE NVH TESTING MARKET IN 2016
- Figure 18 NORTH AMERICA PROJECTED TO BE THE LARGEST MARKET FOR NVH TESTING IN 2015
- Figure 19 NVH TESTING MARKET EXPECTED TO WITNESS HIGHEST GROWTH IN EUROPE DURING FORECAST PERIOD
- Figure 20 NVH TESTING MARKET SEGMENTATION
- Figure 21 MARKET, BY GEOGRAPHY
- Figure 22 INCREASING FOCUS ON FUEL EFFICIENCY AMONG AUTOMOTIVE MANUFACTURERS EXPECTED TO DRIVE THE NVH TESTING MARKET

Figure 23 NUMBER OF PEOPLE AFFECTED BY EXPOSURE TO ENVIRONMENTAL NOISE IN EUROPE (MILLIONS)

Figure 24 POPULATION AFFECTED BY NIGHT-TIME NOISE FROM ROAD TRAFFIC (MILLIONS)

Figure 25 GLOBAL MOTOR VEHICLE PRODUCTION BETWEEN 2012 AND 2015 (THOUSAND UNITS)

Figure 26 PASS-BY-NOISE LEVELS OF MOTOR VEHICLES IN EUROPE

Figure 27 VALUE CHAIN ANALYSIS OF THE NVH TESTING MARKET

Figure 28 OVERVIEW OF THE PORTER'S FIVE FORCES ANALYSIS OF THE NVH TESTING MARKET

Figure 29 NVH TESTING MARKET: PORTER'S FIVE FORCES ANALYSIS (2015)

Figure 30 NVH TESTING MARKET: THREAT OF NEW ENTRANTS

Figure 31 NVH TESTING MARKET: THREAT OF SUBSTITUTES

Figure 32 NVH TESTING MARKET: BARGAINING POWER OF SUPPLIERS

Figure 33 NVH TESTING MARKET: BARGAINING POWER OF BUYERS

Figure 34 NVH TESTING MARKET: INTENSITY OF COMPETITIVE RIVALRY

Figure 35 NVH TESTING MARKET, BY TYPE

Figure 36 NVH TESTING MARKET FOR SENSORS & TRANSDUCERS, BY TYPE

Figure 37 ACCELEROMETERS EXPECTED TO HOLD THE LARGEST MARKET SHARE DURING THE FORECAST PERIOD

Figure 38 METERS SEGMENT EXPECTED TO HOLD THE LARGEST SIZE OF THE NVH TESTING MARKET FOR HARDWARE DURING THE FORECAST PERIOD

Figure 39 SIGNAL ANALYSIS SOFTWARE EXPECTED TO DOMINATE THE NVH TESTING MARKET (2016-2022)

Figure 40 NVH TESTING MARKET SEGMENTATION, BY VERTICAL

Figure 41 AUTOMOTIVE & TRANSPORTATION EXPECTED TO LEAD THE NVH TESTING MARKET DURING THE FORECAST PERIOD

Figure 42 NORTH AMERICA TO LEAD THE NVH TESTING MARKET FOR THE AUTOMOTIVE AND TRANSPORTATION VERTICAL DURING THE FORECAST PERIOD

Figure 43 NVH TESTING MARKET, BY APPLICATION

Figure 44 PASS-BY-NOISE TESTING EXPECTED TO HOLD THE LARGEST SIZE OF THE NVH TESTING MARKET IN 2016

Figure 45 NVH TESTING MARKET FOR TELECOM TESTING APPLICATION EXPECTED TO GROW AT THE HIGHEST RATE IN APAC DURING THE FORECAST PERIOD

Figure 46 MEXICO EXPECTED TO GROW AT THE HIGHEST RATE DURING THE FORECAST PERIOD

Figure 47 NORTH AMERICA LIKELY TO HOLD THE LARGEST SIZE OF THE NVH

**TESTING MARKET DURING THE FORECAST PERIOD****Figure 48 SNAPSHOT OF THE NVH TESTING MARKET IN NORTH AMERICA****Figure 49 U.S. LIKELY TO HOLD THE LARGEST SHARE OF THE NVH TESTING MARKET IN NORTH AMERICA BETWEEN 2016 AND 2022****Figure 50 CALIFORNIA: PERMISSIBLE NOISE LEVELS****Figure 51 SNAPSHOT OF THE NVH TESTING MARKET IN EUROPE****Figure 52 GERMANY EXPECTED TO HOLD THE LARGEST SHARE OF THE NVH TESTING MARKET IN EUROPE BETWEEN 2016 AND 2022****Figure 53 SNAPSHOT OF THE NVH TESTING MARKET IN APAC****Figure 54 NVH TESTING MARKET IN APAC, BY COUNTRY, (2016 & 2022)****Figure 55 NVH TESTING MARKET IN ROW, BY REGION (2016 & 2022)****Figure 56 NEW PRODUCT LAUNCHES ALONG WITH AGREEMENTS AND PARTNERSHIPS: KEY GROWTH STRATEGIES ADOPTED BY THE COMPANIES BETWEEN 2014 AND 2016****Figure 57 MARKET EVALUATION FRAMEWORK****Figure 58 BATTLE FOR MARKET SHARE: NEW PRODUCT LAUNCHES IS THE KEY STRATEGY****Figure 59 NATIONAL INSTRUMENTS CORPORATION: COMPANY SNAPSHOT****Figure 60 NATIONAL INSTRUMENTS CORPORATION: SWOT ANALYSIS****Figure 61 SIEMENS PRODUCT LIFECYCLE MANAGEMENT SOFTWARE INC: SWOT ANALYSIS****Figure 62 BR?EL & KJ?R SOUND & VIBRATION MEASUREMENT A/S: SWOT ANALYSIS****Figure 63 IMC ME?SYSTEME GMBH: SWOT ANALYSIS****Figure 64 HEAD ACOUSTICS GMBH.: SWOT ANALYSIS**



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