

Millimeter Wave Equipment: Market Research Report

<https://marketpublishers.com/r/M35AA6FE7D5EN.html>

Date: April 2018

Pages: 161

Price: US\$ 5,450.00 (Single User License)

ID: M35AA6FE7D5EN

Abstracts

This report analyzes the worldwide markets for Millimeter Wave Equipment in US\$ Thousand.

The report provides separate comprehensive analytics for the US, Canada, Japan, Europe, Asia-Pacific, and Rest of World. Annual estimates and forecasts are provided for the period 2016 through 2024.

Also, a five-year historic analysis is provided for these markets. Market data and analytics are derived from primary and secondary research.

Company profiles are primarily based on public domain information including company URLs. The report profiles 36 companies including many key and niche players such as -

Aviat Networks, Inc.

BridgeWave Communications, Inc.

DragonWave, Inc.

E-Band Communications, LLC

ELVA-1 Millimeter Wave Division

INTRACOM TELECOM

Contents

I. INTRODUCTION, METHODOLOGY & PRODUCT DEFINITIONS

II. EXECUTIVE SUMMARY

1. INDUSTRY OVERVIEW

Millimeter Wave Technology – Changing the Wireless Future

Bandwidth Hungry Networks to Drive the Market

Millimeter Wave Spectrum

Outlook

Overcoming the Limitations

Competitive Scenario

Table 1. Market Share of Leading Players in the Global Millimeter Wave Equipment Market (2017) (includes corresponding Graph/Chart)

Market Drivers and Trends

Increasing Applications to Drive the Market

Transforming Wireless Technology Landscape Offers Ripe Opportunities

Table 2. Global Mobile Data Traffic Estimates and Forecasts (2013-2018) (In Exabytes/Month) (includes corresponding Graph/Chart)

5G - THE FUTURE IN STORE

Small Cell Backhaul – A Lucrative Segment

Growing Need for High Frequency Bandwidths for Ultrahigh Capacity Backhaul

Metrocells – A Step Ahead of Macrocells

Expanding Internet User Base: A Key Driving Force

Table 3. Global Mobile Communications Market: Data Subscriptions as a Percentage of the Overall Mobile Subscriptions for Years 2011 through 2016 (includes corresponding Graph/Chart)

Table 4. Global Internet Users by Geographic Region (2016): Percentage Share Breakdown of Number of Internet Users for Asia-Pacific, Europe, North America, Latin America, Africa, and Middle East (includes corresponding Graph/Chart)

Table 5. Mobile Phone Internet Penetration Worldwide (2013 & 2017): Mobile Phone Internet Users as Percentage of Total Mobile Users by Region (includes corresponding Graph/Chart)

Table 6. Monthly Mobile Data Traffic (in MB) for Smartphones, Mobile PCs and Tablets 2014 & 2020P (includes corresponding Graph/Chart)

Rapid Penetration of Smartphones: A Strong Growth Driver

Table 7. Global Market for Smartphones (2012 & 2018P): Breakdown of Sales in Thousand Units (includes corresponding Graph/Chart)

Table 8. Global Mobile Communications Market: Number of Mobile Subscribers (in Billion) for Years 2011-2016 (includes corresponding Graph/Chart)

Table 9. Global Mobile Telecommunications Sector (2016): Number of Active Mobile Broadband Subscriptions, AND Percentage of Active Mobile Broadband Subscriptions per 100 Population, for the Americas, Europe, CIS Countries, Asia-Pacific, the Middle East, and Africa (includes corresponding Graph/Chart)

Table 10. Global Smartphones Market - Major Countries Ranked by CAGR for 2014-2020: US, Canada, Japan, France, Germany, Italy, UK, Russia, China, India, and Brazil (includes corresponding Graph/Chart)

Table 11. Global Smartphones Market (2016 & 2020P): Percentage Share Breakdown of Sales by Geographic Region (includes corresponding Graph/Chart)

Table 12. Worldwide Mobile Data Traffic by Device Type (2013, 2015 & 2018) - Percentage Share Breakdown of Monthly Data Traffic Volume for Laptops, Non-Smartphones, Smartphones, Tablets, and Others (includes corresponding Graph/Chart)

Table 13. Most Performed Activity Using Smartphones: 2016 (includes corresponding Graph/Chart)

Table 14. Worldwide Mobile Data Traffic by Application (2013, 2015 & 2018) - Percentage Share Breakdown of Monthly Data Traffic Volume for Data, File Sharing, M2M, and Video (includes corresponding Graph/Chart)

Table 15. Average Time Spent (in Minutes) on Mobile Apps on Smartphones & Tablets Worldwide Per User per Day - Breakdown by Category (2015) (includes corresponding Graph/Chart)

Exploring Opportunities for Mm-Wave Technology
Radar on A Chip Penetrates New End Markets
Leveraging on the Controversies Surrounding X-Ray Scanners
Cracking the Quality Issues
Evolving to Suit New Generation Radio Access Network

2. TECHNOLOGY OVERVIEW

Understanding Millimeter Waves
A Backdrop
The Timeline:
Wave Band Spectrum

Table 16. Microwave and Millimeter Wave Band

Defining the E-band Spectrum
Limitations of MM-Wave Technology
Developments in Millimeter Wave Applications and Technology
Developments in Unlicensed 60GHz Bandwidth Frequency
WiGig & Wireless HD
WPANs (Wireless Personal Area Networks)
Wireless High Definition Multimedia Interface (HDMI)
Point-to-Point Communication Links
Photonic Technologies

3. APPLICATIONS OF MM-WAVE TECHNOLOGY

Imaging
Scanners
Automobile Applications

Antenna Technology Gains Prominence in Mm-wave Automotive Sensors

Antenna Designs

Telecommunications

High Data Rate Communications

Consumer Markets

Defense & Security Radar

Other Applications

4. PEEK INTO REGULATORY SCENARIO

ITU Guidelines

Regulatory Guidelines in Select Countries

Europe

UK

US

Canada

Japan

Emission Norms

Human Exposure Risks

5. PRODUCT INNOVATIONS/INTRODUCTIONS

IDT Announces Sampling of Mm Wave and Microwave Products for 5G Networks

Texas Instruments Introduces New Single-Chip Millimeter Wave Sensor Portfolio

Siklu Unveils MultiHaul Outdoor Point to Multipoint Millimeter Wave Wireless Solution

BridgeWave Communications Unveils Flex4G-5000 80GHz ANSI and ETSI Millimeter Wave Radio Systems

BridgeWave Communications BridgeWave Flex4G-LITE E-Band Millimeter Wave System

Millitech Unveils Advanced Millimeter Wave Assemblies

NEC Unveils Millimeter Wave Radio for 5G Backhaul Applications

BridgeWave Communications Unveils BW-Eagle Millimeter Wave System

6. RECENT INDUSTRY ACTIVITY

Transform-X Acquires DragonWave

Siklu and Norbain Sign Distribution Agreement

Sivers IMA Signs MoU with Japanese Electronics Company for Development of Mm Wave Products

BridgeWave Communications Signs Distribution Agreement with SCALTEL AG

NEC, BT and EE Join Hands to Test 5G Mm Wave Backhaul in 60GHz Band with Salford University

BridgeWave Communications Signs Distribution Agreement with Minerva

BridgeWave Communications Signs Distribution Agreement with Streakwave Wireless

Fujitsu Develops Mm Wave CMOS Circuitry for Automotive Radar

PAZR and FiberTower Announce Partnership for 5G Mm Wave Technology

7. FOCUS ON SELECT PLAYERS

Aviat Networks, Inc. (USA)

BridgeWave Communications, Inc. (USA)

CableFree: Wireless Excellence Limited (UK)

DragonWave, Inc. (Canada)

E-Band Communications, LLC (USA)

ELVA-1 Millimeter Wave Division (Russia)

INTRACOM TELECOM (Greece)

NEC Corporation (Japan)

Siklu Communication Ltd (Israel)

Trex Enterprises Corporation (USA)

8. GLOBAL MARKET PERSPECTIVE

Table 17. World Recent Past, Current & Future Analysis for Millimeter Wave Equipment by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), and Rest of World Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 18. World Historic Review for Millimeter Wave Equipment by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), and Rest of World Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 19. World 14-Year Perspective for Millimeter Wave Equipment by Geographic Region - Percentage Breakdown of Dollar Revenues for US, Canada, Japan, Europe,

Asia-Pacific (excluding Japan), and Rest of World Markets for Years 2011, 2017 & 2024
(includes corresponding Graph/Chart)

III. MARKET

1. THE UNITED STATES

A. Market Analysis

Current and Future Analysis

Product Launches

Strategic Corporate Developments

Key Players

B. Market Analytics

Table 20. US Recent Past, Current & Future Analysis for Millimeter Wave Equipment Market with Annual Revenues in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 21. US Historic Review for Millimeter Wave Equipment Market with Annual Revenues in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

2. CANADA

A. Market Analysis

Current and Future Analysis

Regulatory Norms

Strategic Corporate Development

DragonWave, Inc. – A Key Player

B. Market Analytics

Table 22. Canadian Recent Past, Current & Future Analysis for Millimeter Wave Equipment Market with Annual Revenues in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 23. Canadian Historic Review for Millimeter Wave Equipment Market with Annual Revenues in US\$ Thousand for Years 2011 through 2015 (includes corresponding

Graph/Chart)

3. JAPAN

A. Market Analysis

Current and Future Analysis

Regulatory Norms

Product Launch

Strategic Corporate Developments

NEC Corporation – A Key Player

B. Market Analytics

Table 24. Japanese Recent Past, Current & Future Analysis for Millimeter Wave Equipment Market with Annual Revenues in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 25. Japanese Historic Review for Millimeter Wave Equipment Market with Annual Revenues in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

4. EUROPE

A. Market Analysis

Current and Future Analysis

Europe Discontinues Use of X-Ray Scanners

Regulatory Norms

Germany Bans X-ray scanners

Strategic Corporate Developments

Key Players

B. Market Analytics

Table 26. European Recent Past, Current & Future Analysis for Millimeter Wave Equipment by Geographic Region - France, Germany, Italy, UK, Spain, Russia and Rest of Europe Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 27. European Historic Review for Millimeter Wave Equipment by Geographic

Region - France, Germany, Italy, UK, Spain, Russia and Rest of Europe Markets
Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

Table 28. European 14-Year Perspective for Millimeter Wave Equipment by Geographic Region - Percentage Breakdown of Dollar Revenues for France, Germany, Italy, UK, Spain, Russia and Rest of Europe Markets for Years 2011, 2017 & 2024 (includes corresponding Graph/Chart)

5. ASIA-PACIFIC

A. Market Analysis

Current and Future Analysis

Focus on Select Regions

India: Broadband Connectivity on Expansion Mode

Australia & New Zealand

B. Market Analytics

Table 29. Asia-Pacific Recent Past, Current & Future Analysis for Millimeter Wave Equipment Market with Annual Revenues in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 30. Asia-Pacific Historic Review for Millimeter Wave Equipment Market with Annual Revenues in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

6. REST OF WORLD

A. Market Analysis

Current and Future Analysis

Strategic Corporate Development

Siklu Communication Ltd (Israel) – A Key Player

B. Market Analytics

Table 31. Rest of World Recent Past, Current & Future Analysis for Millimeter Wave Equipment Market with Annual Revenues in US\$ Thousand for Years 2016 through 2024 (includes corresponding Graph/Chart)

Table 32. Rest of World Historic Review for Millimeter Wave Equipment Market with Annual Revenues in US\$ Thousand for Years 2011 through 2015 (includes corresponding Graph/Chart)

IV. COMPETITIVE LANDSCAPE

Total Companies Profiled: 36 (including Divisions/Subsidiaries - 38)

The United States (26)

Canada (1)

Japan (5)

Europe (5)

 The United Kingdom (2)

 Rest of Europe (3)

Middle East (1)

I would like to order

Product name: Millimeter Wave Equipment: Market Research Report

Product link: <https://marketpublishers.com/r/M35AA6FE7D5EN.html>

Price: US\$ 5,450.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/M35AA6FE7D5EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970