

Global Dual-frequency GNSS Navigation Module Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global Dual-frequency GNSS Navigation Module market size was valued at US\$ 252 million in 2024 and is forecast to a readjusted size of USD 331 million by 2031 with a CAGR of 4.0% during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

The dual-frequency GNSS navigation module is a module that integrates the Global Navigation Satellite System (GNSS) receiving function, which can simultaneously receive and process satellite navigation signals of two different frequencies. By receiving dual frequency signals, this module can effectively eliminate ionospheric delay errors, significantly improving positioning accuracy and reliability. In addition, the dual frequency GNSS navigation module also has the characteristics of fast positioning and high sensitivity.

This report is a detailed and comprehensive analysis for global Dual-frequency GNSS Navigation Module market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Dual-frequency GNSS Navigation Module market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Dual-frequency GNSS Navigation Module market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Dual-frequency GNSS Navigation Module market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Dual-frequency GNSS Navigation Module market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2020-2025

The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for Dual-frequency GNSS Navigation Module
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global Dual-frequency GNSS Navigation Module market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Septentrio, U-blox, Telit, STMicroelectronics, SparkFun Electronics, SIMCom, Sierra Wireless, TE Connectivity, Alps Alpine, Japan Radio, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Dual-frequency GNSS Navigation Module market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Consumer Grade

Industrial Grade

Military Grade

Market segment by Application

Intelligent Transportation

Drones & Robotics

Consumer Electronics

Industrial Monitoring

Major players covered

Septentrio

U-blox

Telit

STMicroelectronics

SparkFun Electronics

SIMCom

Sierra Wireless

TE Connectivity

Alps Alpine

Japan Radio

REYAX Technology

Locosys Technology

Furuno

Shenzhen Fibocom Wireless

Shenzhen MeiG Smart Technology

Shenzhen Neoway Technology

Shenzhen SKYLAB

Shanghai Quectel Wireless Solutions

Wuhan Exsun Company

Shanghai Qianxun Spatial Intelligence

Shanghai ICOE-TECH

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Dual-frequency GNSS Navigation Module product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Dual-frequency GNSS Navigation Module, with price, sales quantity, revenue, and global market share of Dual-frequency GNSS Navigation Module from 2020 to 2025.

Chapter 3, the Dual-frequency GNSS Navigation Module competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Dual-frequency GNSS Navigation Module breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and Dual-frequency GNSS Navigation Module market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Dual-

frequency GNSS Navigation Module.

Chapter 14 and 15, to describe Dual-frequency GNSS Navigation Module sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Dual-frequency GNSS Navigation Module Consumption Value by Type: 2020 Versus 2024 Versus 2031

1.3.2 Consumer Grade

1.3.3 Industrial Grade

1.3.4 Military Grade

1.4 Market Analysis by Application

1.4.1 Overview: Global Dual-frequency GNSS Navigation Module Consumption Value by Application: 2020 Versus 2024 Versus 2031

1.4.2 Intelligent Transportation

1.4.3 Drones & Robotics

1.4.4 Consumer Electronics

1.4.5 Industrial Monitoring

1.5 Global Dual-frequency GNSS Navigation Module Market Size & Forecast

1.5.1 Global Dual-frequency GNSS Navigation Module Consumption Value (2020 & 2024 & 2031)

1.5.2 Global Dual-frequency GNSS Navigation Module Sales Quantity (2020-2031)

1.5.3 Global Dual-frequency GNSS Navigation Module Average Price (2020-2031)

2 MANUFACTURERS PROFILES

2.1 Septentrio

2.1.1 Septentrio Details

2.1.2 Septentrio Major Business

2.1.3 Septentrio Dual-frequency GNSS Navigation Module Product and Services

2.1.4 Septentrio Dual-frequency GNSS Navigation Module Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.1.5 Septentrio Recent Developments/Updates

2.2 U-blox

2.2.1 U-blox Details

2.2.2 U-blox Major Business

2.2.3 U-blox Dual-frequency GNSS Navigation Module Product and Services

2.2.4 U-blox Dual-frequency GNSS Navigation Module Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2020-2025)

2.2.5 U-blox Recent Developments/Updates

2.3 Telit

2.3.1 Telit Details

2.3.2 Telit Major Business

2.3.3 Telit Dual-frequency GNSS Navigation Module Product and Services

2.3.4 Telit Dual-frequency GNSS Navigation Module Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.3.5 Telit Recent Developments/Updates

2.4 STMicroelectronics

2.4.1 STMicroelectronics Details

2.4.2 STMicroelectronics Major Business

2.4.3 STMicroelectronics Dual-frequency GNSS Navigation Module Product and Services

2.4.4 STMicroelectronics Dual-frequency GNSS Navigation Module Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.4.5 STMicroelectronics Recent Developments/Updates

2.5 SparkFun Electronics

2.5.1 SparkFun Electronics Details

2.5.2 SparkFun Electronics Major Business

2.5.3 SparkFun Electronics Dual-frequency GNSS Navigation Module Product and Services

2.5.4 SparkFun Electronics Dual-frequency GNSS Navigation Module Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.5.5 SparkFun Electronics Recent Developments/Updates

2.6 SIMCom

2.6.1 SIMCom Details

2.6.2 SIMCom Major Business

2.6.3 SIMCom Dual-frequency GNSS Navigation Module Product and Services

2.6.4 SIMCom Dual-frequency GNSS Navigation Module Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.6.5 SIMCom Recent Developments/Updates

2.7 Sierra Wireless

2.7.1 Sierra Wireless Details

2.7.2 Sierra Wireless Major Business

2.7.3 Sierra Wireless Dual-frequency GNSS Navigation Module Product and Services

2.7.4 Sierra Wireless Dual-frequency GNSS Navigation Module Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.7.5 Sierra Wireless Recent Developments/Updates

2.8 TE Connectivity

2.8.1 TE Connectivity Details

2.8.2 TE Connectivity Major Business

2.8.3 TE Connectivity Dual-frequency GNSS Navigation Module Product and Services

2.8.4 TE Connectivity Dual-frequency GNSS Navigation Module Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.8.5 TE Connectivity Recent Developments/Updates

2.9 Alps Alpine

2.9.1 Alps Alpine Details

2.9.2 Alps Alpine Major Business

2.9.3 Alps Alpine Dual-frequency GNSS Navigation Module Product and Services

2.9.4 Alps Alpine Dual-frequency GNSS Navigation Module Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.9.5 Alps Alpine Recent Developments/Updates

2.10 Japan Radio

2.10.1 Japan Radio Details

2.10.2 Japan Radio Major Business

2.10.3 Japan Radio Dual-frequency GNSS Navigation Module Product and Services

2.10.4 Japan Radio Dual-frequency GNSS Navigation Module Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.10.5 Japan Radio Recent Developments/Updates

2.11 REYAX Technology

2.11.1 REYAX Technology Details

2.11.2 REYAX Technology Major Business

2.11.3 REYAX Technology Dual-frequency GNSS Navigation Module Product and Services

2.11.4 REYAX Technology Dual-frequency GNSS Navigation Module Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.11.5 REYAX Technology Recent Developments/Updates

2.12 Locosys Technology

2.12.1 Locosys Technology Details

2.12.2 Locosys Technology Major Business

2.12.3 Locosys Technology Dual-frequency GNSS Navigation Module Product and Services

2.12.4 Locosys Technology Dual-frequency GNSS Navigation Module Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.12.5 Locosys Technology Recent Developments/Updates

2.13 Furuno

2.13.1 Furuno Details

- 2.13.2 Furuno Major Business
- 2.13.3 Furuno Dual-frequency GNSS Navigation Module Product and Services
- 2.13.4 Furuno Dual-frequency GNSS Navigation Module Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
- 2.13.5 Furuno Recent Developments/Updates
- 2.14 Shenzhen Fibocom Wireless
 - 2.14.1 Shenzhen Fibocom Wireless Details
 - 2.14.2 Shenzhen Fibocom Wireless Major Business
 - 2.14.3 Shenzhen Fibocom Wireless Dual-frequency GNSS Navigation Module Product and Services
 - 2.14.4 Shenzhen Fibocom Wireless Dual-frequency GNSS Navigation Module Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.14.5 Shenzhen Fibocom Wireless Recent Developments/Updates
- 2.15 Shenzhen MeiG Smart Technology
 - 2.15.1 Shenzhen MeiG Smart Technology Details
 - 2.15.2 Shenzhen MeiG Smart Technology Major Business
 - 2.15.3 Shenzhen MeiG Smart Technology Dual-frequency GNSS Navigation Module Product and Services
 - 2.15.4 Shenzhen MeiG Smart Technology Dual-frequency GNSS Navigation Module Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.15.5 Shenzhen MeiG Smart Technology Recent Developments/Updates
- 2.16 Shenzhen Neoway Technology
 - 2.16.1 Shenzhen Neoway Technology Details
 - 2.16.2 Shenzhen Neoway Technology Major Business
 - 2.16.3 Shenzhen Neoway Technology Dual-frequency GNSS Navigation Module Product and Services
 - 2.16.4 Shenzhen Neoway Technology Dual-frequency GNSS Navigation Module Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.16.5 Shenzhen Neoway Technology Recent Developments/Updates
- 2.17 Shenzhen SKYLAB
 - 2.17.1 Shenzhen SKYLAB Details
 - 2.17.2 Shenzhen SKYLAB Major Business
 - 2.17.3 Shenzhen SKYLAB Dual-frequency GNSS Navigation Module Product and Services
 - 2.17.4 Shenzhen SKYLAB Dual-frequency GNSS Navigation Module Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.17.5 Shenzhen SKYLAB Recent Developments/Updates
- 2.18 Shanghai Quectel Wireless Solutions
 - 2.18.1 Shanghai Quectel Wireless Solutions Details

- 2.18.2 Shanghai Quectel Wireless Solutions Major Business
- 2.18.3 Shanghai Quectel Wireless Solutions Dual-frequency GNSS Navigation Module Product and Services
- 2.18.4 Shanghai Quectel Wireless Solutions Dual-frequency GNSS Navigation Module Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
- 2.18.5 Shanghai Quectel Wireless Solutions Recent Developments/Updates
- 2.19 Wuhan Exsun Company
 - 2.19.1 Wuhan Exsun Company Details
 - 2.19.2 Wuhan Exsun Company Major Business
 - 2.19.3 Wuhan Exsun Company Dual-frequency GNSS Navigation Module Product and Services
 - 2.19.4 Wuhan Exsun Company Dual-frequency GNSS Navigation Module Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.19.5 Wuhan Exsun Company Recent Developments/Updates
- 2.20 Shanghai Qianxun Spatial Intelligence
 - 2.20.1 Shanghai Qianxun Spatial Intelligence Details
 - 2.20.2 Shanghai Qianxun Spatial Intelligence Major Business
 - 2.20.3 Shanghai Qianxun Spatial Intelligence Dual-frequency GNSS Navigation Module Product and Services
 - 2.20.4 Shanghai Qianxun Spatial Intelligence Dual-frequency GNSS Navigation Module Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.20.5 Shanghai Qianxun Spatial Intelligence Recent Developments/Updates
- 2.21 Shanghai ICOE-TECH
 - 2.21.1 Shanghai ICOE-TECH Details
 - 2.21.2 Shanghai ICOE-TECH Major Business
 - 2.21.3 Shanghai ICOE-TECH Dual-frequency GNSS Navigation Module Product and Services
 - 2.21.4 Shanghai ICOE-TECH Dual-frequency GNSS Navigation Module Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.21.5 Shanghai ICOE-TECH Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: DUAL-FREQUENCY GNSS NAVIGATION MODULE BY MANUFACTURER

- 3.1 Global Dual-frequency GNSS Navigation Module Sales Quantity by Manufacturer (2020-2025)
- 3.2 Global Dual-frequency GNSS Navigation Module Revenue by Manufacturer (2020-2025)

3.3 Global Dual-frequency GNSS Navigation Module Average Price by Manufacturer (2020-2025)

3.4 Market Share Analysis (2024)

3.4.1 Producer Shipments of Dual-frequency GNSS Navigation Module by Manufacturer Revenue (\$MM) and Market Share (%): 2024

3.4.2 Top 3 Dual-frequency GNSS Navigation Module Manufacturer Market Share in 2024

3.4.3 Top 6 Dual-frequency GNSS Navigation Module Manufacturer Market Share in 2024

3.5 Dual-frequency GNSS Navigation Module Market: Overall Company Footprint Analysis

3.5.1 Dual-frequency GNSS Navigation Module Market: Region Footprint

3.5.2 Dual-frequency GNSS Navigation Module Market: Company Product Type Footprint

3.5.3 Dual-frequency GNSS Navigation Module Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

4.1 Global Dual-frequency GNSS Navigation Module Market Size by Region

4.1.1 Global Dual-frequency GNSS Navigation Module Sales Quantity by Region (2020-2031)

4.1.2 Global Dual-frequency GNSS Navigation Module Consumption Value by Region (2020-2031)

4.1.3 Global Dual-frequency GNSS Navigation Module Average Price by Region (2020-2031)

4.2 North America Dual-frequency GNSS Navigation Module Consumption Value (2020-2031)

4.3 Europe Dual-frequency GNSS Navigation Module Consumption Value (2020-2031)

4.4 Asia-Pacific Dual-frequency GNSS Navigation Module Consumption Value (2020-2031)

4.5 South America Dual-frequency GNSS Navigation Module Consumption Value (2020-2031)

4.6 Middle East & Africa Dual-frequency GNSS Navigation Module Consumption Value (2020-2031)

5 MARKET SEGMENT BY TYPE

5.1 Global Dual-frequency GNSS Navigation Module Sales Quantity by Type
(2020-2031)

5.2 Global Dual-frequency GNSS Navigation Module Consumption Value by Type
(2020-2031)

5.3 Global Dual-frequency GNSS Navigation Module Average Price by Type
(2020-2031)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Dual-frequency GNSS Navigation Module Sales Quantity by Application
(2020-2031)

6.2 Global Dual-frequency GNSS Navigation Module Consumption Value by Application
(2020-2031)

6.3 Global Dual-frequency GNSS Navigation Module Average Price by Application
(2020-2031)

7 NORTH AMERICA

7.1 North America Dual-frequency GNSS Navigation Module Sales Quantity by Type
(2020-2031)

7.2 North America Dual-frequency GNSS Navigation Module Sales Quantity by
Application (2020-2031)

7.3 North America Dual-frequency GNSS Navigation Module Market Size by Country

7.3.1 North America Dual-frequency GNSS Navigation Module Sales Quantity by
Country (2020-2031)

7.3.2 North America Dual-frequency GNSS Navigation Module Consumption Value by
Country (2020-2031)

7.3.3 United States Market Size and Forecast (2020-2031)

7.3.4 Canada Market Size and Forecast (2020-2031)

7.3.5 Mexico Market Size and Forecast (2020-2031)

8 EUROPE

8.1 Europe Dual-frequency GNSS Navigation Module Sales Quantity by Type
(2020-2031)

8.2 Europe Dual-frequency GNSS Navigation Module Sales Quantity by Application
(2020-2031)

8.3 Europe Dual-frequency GNSS Navigation Module Market Size by Country

8.3.1 Europe Dual-frequency GNSS Navigation Module Sales Quantity by Country (2020-2031)

8.3.2 Europe Dual-frequency GNSS Navigation Module Consumption Value by Country (2020-2031)

8.3.3 Germany Market Size and Forecast (2020-2031)

8.3.4 France Market Size and Forecast (2020-2031)

8.3.5 United Kingdom Market Size and Forecast (2020-2031)

8.3.6 Russia Market Size and Forecast (2020-2031)

8.3.7 Italy Market Size and Forecast (2020-2031)

9 ASIA-PACIFIC

9.1 Asia-Pacific Dual-frequency GNSS Navigation Module Sales Quantity by Type (2020-2031)

9.2 Asia-Pacific Dual-frequency GNSS Navigation Module Sales Quantity by Application (2020-2031)

9.3 Asia-Pacific Dual-frequency GNSS Navigation Module Market Size by Region

9.3.1 Asia-Pacific Dual-frequency GNSS Navigation Module Sales Quantity by Region (2020-2031)

9.3.2 Asia-Pacific Dual-frequency GNSS Navigation Module Consumption Value by Region (2020-2031)

9.3.3 China Market Size and Forecast (2020-2031)

9.3.4 Japan Market Size and Forecast (2020-2031)

9.3.5 South Korea Market Size and Forecast (2020-2031)

9.3.6 India Market Size and Forecast (2020-2031)

9.3.7 Southeast Asia Market Size and Forecast (2020-2031)

9.3.8 Australia Market Size and Forecast (2020-2031)

10 SOUTH AMERICA

10.1 South America Dual-frequency GNSS Navigation Module Sales Quantity by Type (2020-2031)

10.2 South America Dual-frequency GNSS Navigation Module Sales Quantity by Application (2020-2031)

10.3 South America Dual-frequency GNSS Navigation Module Market Size by Country

10.3.1 South America Dual-frequency GNSS Navigation Module Sales Quantity by Country (2020-2031)

10.3.2 South America Dual-frequency GNSS Navigation Module Consumption Value by Country (2020-2031)

- 10.3.3 Brazil Market Size and Forecast (2020-2031)
- 10.3.4 Argentina Market Size and Forecast (2020-2031)

11 MIDDLE EAST & AFRICA

- 11.1 Middle East & Africa Dual-frequency GNSS Navigation Module Sales Quantity by Type (2020-2031)
- 11.2 Middle East & Africa Dual-frequency GNSS Navigation Module Sales Quantity by Application (2020-2031)
- 11.3 Middle East & Africa Dual-frequency GNSS Navigation Module Market Size by Country
 - 11.3.1 Middle East & Africa Dual-frequency GNSS Navigation Module Sales Quantity by Country (2020-2031)
 - 11.3.2 Middle East & Africa Dual-frequency GNSS Navigation Module Consumption Value by Country (2020-2031)
 - 11.3.3 Turkey Market Size and Forecast (2020-2031)
 - 11.3.4 Egypt Market Size and Forecast (2020-2031)
 - 11.3.5 Saudi Arabia Market Size and Forecast (2020-2031)
 - 11.3.6 South Africa Market Size and Forecast (2020-2031)

12 MARKET DYNAMICS

- 12.1 Dual-frequency GNSS Navigation Module Market Drivers
- 12.2 Dual-frequency GNSS Navigation Module Market Restraints
- 12.3 Dual-frequency GNSS Navigation Module Trends Analysis
- 12.4 Porters Five Forces Analysis
 - 12.4.1 Threat of New Entrants
 - 12.4.2 Bargaining Power of Suppliers
 - 12.4.3 Bargaining Power of Buyers
 - 12.4.4 Threat of Substitutes
 - 12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

- 13.1 Raw Material of Dual-frequency GNSS Navigation Module and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Dual-frequency GNSS Navigation Module
- 13.3 Dual-frequency GNSS Navigation Module Production Process
- 13.4 Industry Value Chain Analysis

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Dual-frequency GNSS Navigation Module Typical Distributors

14.3 Dual-frequency GNSS Navigation Module Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Dual-frequency GNSS Navigation Module Consumption Value by Type, (USD Million), 2020 & 2024 & 2031

Table 2. Global Dual-frequency GNSS Navigation Module Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Table 3. Septentrio Basic Information, Manufacturing Base and Competitors

Table 4. Septentrio Major Business

Table 5. Septentrio Dual-frequency GNSS Navigation Module Product and Services

Table 6. Septentrio Dual-frequency GNSS Navigation Module Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 7. Septentrio Recent Developments/Updates

Table 8. U-blox Basic Information, Manufacturing Base and Competitors

Table 9. U-blox Major Business

Table 10. U-blox Dual-frequency GNSS Navigation Module Product and Services

Table 11. U-blox Dual-frequency GNSS Navigation Module Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 12. U-blox Recent Developments/Updates

Table 13. Telit Basic Information, Manufacturing Base and Competitors

Table 14. Telit Major Business

Table 15. Telit Dual-frequency GNSS Navigation Module Product and Services

Table 16. Telit Dual-frequency GNSS Navigation Module Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 17. Telit Recent Developments/Updates

Table 18. STMicroelectronics Basic Information, Manufacturing Base and Competitors

Table 19. STMicroelectronics Major Business

Table 20. STMicroelectronics Dual-frequency GNSS Navigation Module Product and Services

Table 21. STMicroelectronics Dual-frequency GNSS Navigation Module Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 22. STMicroelectronics Recent Developments/Updates

Table 23. SparkFun Electronics Basic Information, Manufacturing Base and Competitors

Table 24. SparkFun Electronics Major Business

Table 25. SparkFun Electronics Dual-frequency GNSS Navigation Module Product and Services

Table 26. SparkFun Electronics Dual-frequency GNSS Navigation Module Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 27. SparkFun Electronics Recent Developments/Updates

Table 28. SIMCom Basic Information, Manufacturing Base and Competitors

Table 29. SIMCom Major Business

Table 30. SIMCom Dual-frequency GNSS Navigation Module Product and Services

Table 31. SIMCom Dual-frequency GNSS Navigation Module Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 32. SIMCom Recent Developments/Updates

Table 33. Sierra Wireless Basic Information, Manufacturing Base and Competitors

Table 34. Sierra Wireless Major Business

Table 35. Sierra Wireless Dual-frequency GNSS Navigation Module Product and Services

Table 36. Sierra Wireless Dual-frequency GNSS Navigation Module Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 37. Sierra Wireless Recent Developments/Updates

Table 38. TE Connectivity Basic Information, Manufacturing Base and Competitors

Table 39. TE Connectivity Major Business

Table 40. TE Connectivity Dual-frequency GNSS Navigation Module Product and Services

Table 41. TE Connectivity Dual-frequency GNSS Navigation Module Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 42. TE Connectivity Recent Developments/Updates

Table 43. Alps Alpine Basic Information, Manufacturing Base and Competitors

Table 44. Alps Alpine Major Business

Table 45. Alps Alpine Dual-frequency GNSS Navigation Module Product and Services

Table 46. Alps Alpine Dual-frequency GNSS Navigation Module Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 47. Alps Alpine Recent Developments/Updates

Table 48. Japan Radio Basic Information, Manufacturing Base and Competitors

Table 49. Japan Radio Major Business

Table 50. Japan Radio Dual-frequency GNSS Navigation Module Product and Services

Table 51. Japan Radio Dual-frequency GNSS Navigation Module Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 52. Japan Radio Recent Developments/Updates

Table 53. REYAX Technology Basic Information, Manufacturing Base and Competitors

Table 54. REYAX Technology Major Business

Table 55. REYAX Technology Dual-frequency GNSS Navigation Module Product and Services

Table 56. REYAX Technology Dual-frequency GNSS Navigation Module Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 57. REYAX Technology Recent Developments/Updates

Table 58. Locosys Technology Basic Information, Manufacturing Base and Competitors

Table 59. Locosys Technology Major Business

Table 60. Locosys Technology Dual-frequency GNSS Navigation Module Product and Services

Table 61. Locosys Technology Dual-frequency GNSS Navigation Module Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 62. Locosys Technology Recent Developments/Updates

Table 63. Furuno Basic Information, Manufacturing Base and Competitors

Table 64. Furuno Major Business

Table 65. Furuno Dual-frequency GNSS Navigation Module Product and Services

Table 66. Furuno Dual-frequency GNSS Navigation Module Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 67. Furuno Recent Developments/Updates

Table 68. Shenzhen Fibocom Wireless Basic Information, Manufacturing Base and Competitors

Table 69. Shenzhen Fibocom Wireless Major Business

Table 70. Shenzhen Fibocom Wireless Dual-frequency GNSS Navigation Module Product and Services

Table 71. Shenzhen Fibocom Wireless Dual-frequency GNSS Navigation Module Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 72. Shenzhen Fibocom Wireless Recent Developments/Updates

Table 73. Shenzhen MeiG Smart Technology Basic Information, Manufacturing Base and Competitors

Table 74. Shenzhen MeiG Smart Technology Major Business

Table 75. Shenzhen MeiG Smart Technology Dual-frequency GNSS Navigation Module Product and Services

Table 76. Shenzhen MeiG Smart Technology Dual-frequency GNSS Navigation Module Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 77. Shenzhen MeiG Smart Technology Recent Developments/Updates

Table 78. Shenzhen Neoway Technology Basic Information, Manufacturing Base and Competitors

Table 79. Shenzhen Neoway Technology Major Business

Table 80. Shenzhen Neoway Technology Dual-frequency GNSS Navigation Module Product and Services

Table 81. Shenzhen Neoway Technology Dual-frequency GNSS Navigation Module Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 82. Shenzhen Neoway Technology Recent Developments/Updates

Table 83. Shenzhen SKYLAB Basic Information, Manufacturing Base and Competitors

Table 84. Shenzhen SKYLAB Major Business

Table 85. Shenzhen SKYLAB Dual-frequency GNSS Navigation Module Product and Services

Table 86. Shenzhen SKYLAB Dual-frequency GNSS Navigation Module Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 87. Shenzhen SKYLAB Recent Developments/Updates

Table 88. Shanghai Quectel Wireless Solutions Basic Information, Manufacturing Base and Competitors

Table 89. Shanghai Quectel Wireless Solutions Major Business

Table 90. Shanghai Quectel Wireless Solutions Dual-frequency GNSS Navigation Module Product and Services

Table 91. Shanghai Quectel Wireless Solutions Dual-frequency GNSS Navigation Module Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 92. Shanghai Quectel Wireless Solutions Recent Developments/Updates

Table 93. Wuhan Exsun Company Basic Information, Manufacturing Base and Competitors

Table 94. Wuhan Exsun Company Major Business

Table 95. Wuhan Exsun Company Dual-frequency GNSS Navigation Module Product and Services

Table 96. Wuhan Exsun Company Dual-frequency GNSS Navigation Module Sales

Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 97. Wuhan Exsun Company Recent Developments/Updates

Table 98. Shanghai Qianxun Spatial Intelligence Basic Information, Manufacturing Base and Competitors

Table 99. Shanghai Qianxun Spatial Intelligence Major Business

Table 100. Shanghai Qianxun Spatial Intelligence Dual-frequency GNSS Navigation Module Product and Services

Table 101. Shanghai Qianxun Spatial Intelligence Dual-frequency GNSS Navigation Module Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 102. Shanghai Qianxun Spatial Intelligence Recent Developments/Updates

Table 103. Shanghai ICOE-TECH Basic Information, Manufacturing Base and Competitors

Table 104. Shanghai ICOE-TECH Major Business

Table 105. Shanghai ICOE-TECH Dual-frequency GNSS Navigation Module Product and Services

Table 106. Shanghai ICOE-TECH Dual-frequency GNSS Navigation Module Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 107. Shanghai ICOE-TECH Recent Developments/Updates

Table 108. Global Dual-frequency GNSS Navigation Module Sales Quantity by Manufacturer (2020-2025) & (K Units)

Table 109. Global Dual-frequency GNSS Navigation Module Revenue by Manufacturer (2020-2025) & (USD Million)

Table 110. Global Dual-frequency GNSS Navigation Module Average Price by Manufacturer (2020-2025) & (US\$/Unit)

Table 111. Market Position of Manufacturers in Dual-frequency GNSS Navigation Module, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2024

Table 112. Head Office and Dual-frequency GNSS Navigation Module Production Site of Key Manufacturer

Table 113. Dual-frequency GNSS Navigation Module Market: Company Product Type Footprint

Table 114. Dual-frequency GNSS Navigation Module Market: Company Product Application Footprint

Table 115. Dual-frequency GNSS Navigation Module New Market Entrants and Barriers to Market Entry

Table 116. Dual-frequency GNSS Navigation Module Mergers, Acquisition, Agreements, and Collaborations

- Table 117. Global Dual-frequency GNSS Navigation Module Consumption Value by Region (2020-2024-2031) & (USD Million) & CAGR
- Table 118. Global Dual-frequency GNSS Navigation Module Sales Quantity by Region (2020-2025) & (K Units)
- Table 119. Global Dual-frequency GNSS Navigation Module Sales Quantity by Region (2026-2031) & (K Units)
- Table 120. Global Dual-frequency GNSS Navigation Module Consumption Value by Region (2020-2025) & (USD Million)
- Table 121. Global Dual-frequency GNSS Navigation Module Consumption Value by Region (2026-2031) & (USD Million)
- Table 122. Global Dual-frequency GNSS Navigation Module Average Price by Region (2020-2025) & (US\$/Unit)
- Table 123. Global Dual-frequency GNSS Navigation Module Average Price by Region (2026-2031) & (US\$/Unit)
- Table 124. Global Dual-frequency GNSS Navigation Module Sales Quantity by Type (2020-2025) & (K Units)
- Table 125. Global Dual-frequency GNSS Navigation Module Sales Quantity by Type (2026-2031) & (K Units)
- Table 126. Global Dual-frequency GNSS Navigation Module Consumption Value by Type (2020-2025) & (USD Million)
- Table 127. Global Dual-frequency GNSS Navigation Module Consumption Value by Type (2026-2031) & (USD Million)
- Table 128. Global Dual-frequency GNSS Navigation Module Average Price by Type (2020-2025) & (US\$/Unit)
- Table 129. Global Dual-frequency GNSS Navigation Module Average Price by Type (2026-2031) & (US\$/Unit)
- Table 130. Global Dual-frequency GNSS Navigation Module Sales Quantity by Application (2020-2025) & (K Units)
- Table 131. Global Dual-frequency GNSS Navigation Module Sales Quantity by Application (2026-2031) & (K Units)
- Table 132. Global Dual-frequency GNSS Navigation Module Consumption Value by Application (2020-2025) & (USD Million)
- Table 133. Global Dual-frequency GNSS Navigation Module Consumption Value by Application (2026-2031) & (USD Million)
- Table 134. Global Dual-frequency GNSS Navigation Module Average Price by Application (2020-2025) & (US\$/Unit)
- Table 135. Global Dual-frequency GNSS Navigation Module Average Price by Application (2026-2031) & (US\$/Unit)
- Table 136. North America Dual-frequency GNSS Navigation Module Sales Quantity by

Type (2020-2025) & (K Units)

Table 137. North America Dual-frequency GNSS Navigation Module Sales Quantity by Type (2026-2031) & (K Units)

Table 138. North America Dual-frequency GNSS Navigation Module Sales Quantity by Application (2020-2025) & (K Units)

Table 139. North America Dual-frequency GNSS Navigation Module Sales Quantity by Application (2026-2031) & (K Units)

Table 140. North America Dual-frequency GNSS Navigation Module Sales Quantity by Country (2020-2025) & (K Units)

Table 141. North America Dual-frequency GNSS Navigation Module Sales Quantity by Country (2026-2031) & (K Units)

Table 142. North America Dual-frequency GNSS Navigation Module Consumption Value by Country (2020-2025) & (USD Million)

Table 143. North America Dual-frequency GNSS Navigation Module Consumption Value by Country (2026-2031) & (USD Million)

Table 144. Europe Dual-frequency GNSS Navigation Module Sales Quantity by Type (2020-2025) & (K Units)

Table 145. Europe Dual-frequency GNSS Navigation Module Sales Quantity by Type (2026-2031) & (K Units)

Table 146. Europe Dual-frequency GNSS Navigation Module Sales Quantity by Application (2020-2025) & (K Units)

Table 147. Europe Dual-frequency GNSS Navigation Module Sales Quantity by Application (2026-2031) & (K Units)

Table 148. Europe Dual-frequency GNSS Navigation Module Sales Quantity by Country (2020-2025) & (K Units)

Table 149. Europe Dual-frequency GNSS Navigation Module Sales Quantity by Country (2026-2031) & (K Units)

Table 150. Europe Dual-frequency GNSS Navigation Module Consumption Value by Country (2020-2025) & (USD Million)

Table 151. Europe Dual-frequency GNSS Navigation Module Consumption Value by Country (2026-2031) & (USD Million)

Table 152. Asia-Pacific Dual-frequency GNSS Navigation Module Sales Quantity by Type (2020-2025) & (K Units)

Table 153. Asia-Pacific Dual-frequency GNSS Navigation Module Sales Quantity by Type (2026-2031) & (K Units)

Table 154. Asia-Pacific Dual-frequency GNSS Navigation Module Sales Quantity by Application (2020-2025) & (K Units)

Table 155. Asia-Pacific Dual-frequency GNSS Navigation Module Sales Quantity by Application (2026-2031) & (K Units)

Table 156. Asia-Pacific Dual-frequency GNSS Navigation Module Sales Quantity by Region (2020-2025) & (K Units)

Table 157. Asia-Pacific Dual-frequency GNSS Navigation Module Sales Quantity by Region (2026-2031) & (K Units)

Table 158. Asia-Pacific Dual-frequency GNSS Navigation Module Consumption Value by Region (2020-2025) & (USD Million)

Table 159. Asia-Pacific Dual-frequency GNSS Navigation Module Consumption Value by Region (2026-2031) & (USD Million)

Table 160. South America Dual-frequency GNSS Navigation Module Sales Quantity by Type (2020-2025) & (K Units)

Table 161. South America Dual-frequency GNSS Navigation Module Sales Quantity by Type (2026-2031) & (K Units)

Table 162. South America Dual-frequency GNSS Navigation Module Sales Quantity by Application (2020-2025) & (K Units)

Table 163. South America Dual-frequency GNSS Navigation Module Sales Quantity by Application (2026-2031) & (K Units)

Table 164. South America Dual-frequency GNSS Navigation Module Sales Quantity by Country (2020-2025) & (K Units)

Table 165. South America Dual-frequency GNSS Navigation Module Sales Quantity by Country (2026-2031) & (K Units)

Table 166. South America Dual-frequency GNSS Navigation Module Consumption Value by Country (2020-2025) & (USD Million)

Table 167. South America Dual-frequency GNSS Navigation Module Consumption Value by Country (2026-2031) & (USD Million)

Table 168. Middle East & Africa Dual-frequency GNSS Navigation Module Sales Quantity by Type (2020-2025) & (K Units)

Table 169. Middle East & Africa Dual-frequency GNSS Navigation Module Sales Quantity by Type (2026-2031) & (K Units)

Table 170. Middle East & Africa Dual-frequency GNSS Navigation Module Sales Quantity by Application (2020-2025) & (K Units)

Table 171. Middle East & Africa Dual-frequency GNSS Navigation Module Sales Quantity by Application (2026-2031) & (K Units)

Table 172. Middle East & Africa Dual-frequency GNSS Navigation Module Sales Quantity by Country (2020-2025) & (K Units)

Table 173. Middle East & Africa Dual-frequency GNSS Navigation Module Sales Quantity by Country (2026-2031) & (K Units)

Table 174. Middle East & Africa Dual-frequency GNSS Navigation Module Consumption Value by Country (2020-2025) & (USD Million)

Table 175. Middle East & Africa Dual-frequency GNSS Navigation Module Consumption

Value by Country (2026-2031) & (USD Million)

Table 176. Dual-frequency GNSS Navigation Module Raw Material

Table 177. Key Manufacturers of Dual-frequency GNSS Navigation Module Raw Materials

Table 178. Dual-frequency GNSS Navigation Module Typical Distributors

Table 179. Dual-frequency GNSS Navigation Module Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. Dual-frequency GNSS Navigation Module Picture
- Figure 2. Global Dual-frequency GNSS Navigation Module Revenue by Type, (USD Million), 2020 & 2024 & 2031
- Figure 3. Global Dual-frequency GNSS Navigation Module Revenue Market Share by Type in 2024
- Figure 4. Consumer Grade Examples
- Figure 5. Industrial Grade Examples
- Figure 6. Military Grade Examples
- Figure 7. Global Dual-frequency GNSS Navigation Module Consumption Value by Application, (USD Million), 2020 & 2024 & 2031
- Figure 8. Global Dual-frequency GNSS Navigation Module Revenue Market Share by Application in 2024
- Figure 9. Intelligent Transportation Examples
- Figure 10. Drones & Robotics Examples
- Figure 11. Consumer Electronics Examples
- Figure 12. Industrial Monitoring Examples
- Figure 13. Global Dual-frequency GNSS Navigation Module Consumption Value, (USD Million): 2020 & 2024 & 2031
- Figure 14. Global Dual-frequency GNSS Navigation Module Consumption Value and Forecast (2020-2031) & (USD Million)
- Figure 15. Global Dual-frequency GNSS Navigation Module Sales Quantity (2020-2031) & (K Units)
- Figure 16. Global Dual-frequency GNSS Navigation Module Price (2020-2031) & (US\$/Unit)
- Figure 17. Global Dual-frequency GNSS Navigation Module Sales Quantity Market Share by Manufacturer in 2024
- Figure 18. Global Dual-frequency GNSS Navigation Module Revenue Market Share by Manufacturer in 2024
- Figure 19. Producer Shipments of Dual-frequency GNSS Navigation Module by Manufacturer Sales (\$MM) and Market Share (%): 2024
- Figure 20. Top 3 Dual-frequency GNSS Navigation Module Manufacturer (Revenue) Market Share in 2024
- Figure 21. Top 6 Dual-frequency GNSS Navigation Module Manufacturer (Revenue) Market Share in 2024
- Figure 22. Global Dual-frequency GNSS Navigation Module Sales Quantity Market

Share by Region (2020-2031)

Figure 23. Global Dual-frequency GNSS Navigation Module Consumption Value Market Share by Region (2020-2031)

Figure 24. North America Dual-frequency GNSS Navigation Module Consumption Value (2020-2031) & (USD Million)

Figure 25. Europe Dual-frequency GNSS Navigation Module Consumption Value (2020-2031) & (USD Million)

Figure 26. Asia-Pacific Dual-frequency GNSS Navigation Module Consumption Value (2020-2031) & (USD Million)

Figure 27. South America Dual-frequency GNSS Navigation Module Consumption Value (2020-2031) & (USD Million)

Figure 28. Middle East & Africa Dual-frequency GNSS Navigation Module Consumption Value (2020-2031) & (USD Million)

Figure 29. Global Dual-frequency GNSS Navigation Module Sales Quantity Market Share by Type (2020-2031)

Figure 30. Global Dual-frequency GNSS Navigation Module Consumption Value Market Share by Type (2020-2031)

Figure 31. Global Dual-frequency GNSS Navigation Module Average Price by Type (2020-2031) & (US\$/Unit)

Figure 32. Global Dual-frequency GNSS Navigation Module Sales Quantity Market Share by Application (2020-2031)

Figure 33. Global Dual-frequency GNSS Navigation Module Revenue Market Share by Application (2020-2031)

Figure 34. Global Dual-frequency GNSS Navigation Module Average Price by Application (2020-2031) & (US\$/Unit)

Figure 35. North America Dual-frequency GNSS Navigation Module Sales Quantity Market Share by Type (2020-2031)

Figure 36. North America Dual-frequency GNSS Navigation Module Sales Quantity Market Share by Application (2020-2031)

Figure 37. North America Dual-frequency GNSS Navigation Module Sales Quantity Market Share by Country (2020-2031)

Figure 38. North America Dual-frequency GNSS Navigation Module Consumption Value Market Share by Country (2020-2031)

Figure 39. United States Dual-frequency GNSS Navigation Module Consumption Value (2020-2031) & (USD Million)

Figure 40. Canada Dual-frequency GNSS Navigation Module Consumption Value (2020-2031) & (USD Million)

Figure 41. Mexico Dual-frequency GNSS Navigation Module Consumption Value (2020-2031) & (USD Million)

Figure 42. Europe Dual-frequency GNSS Navigation Module Sales Quantity Market Share by Type (2020-2031)

Figure 43. Europe Dual-frequency GNSS Navigation Module Sales Quantity Market Share by Application (2020-2031)

Figure 44. Europe Dual-frequency GNSS Navigation Module Sales Quantity Market Share by Country (2020-2031)

Figure 45. Europe Dual-frequency GNSS Navigation Module Consumption Value Market Share by Country (2020-2031)

Figure 46. Germany Dual-frequency GNSS Navigation Module Consumption Value (2020-2031) & (USD Million)

Figure 47. France Dual-frequency GNSS Navigation Module Consumption Value (2020-2031) & (USD Million)

Figure 48. United Kingdom Dual-frequency GNSS Navigation Module Consumption Value (2020-2031) & (USD Million)

Figure 49. Russia Dual-frequency GNSS Navigation Module Consumption Value (2020-2031) & (USD Million)

Figure 50. Italy Dual-frequency GNSS Navigation Module Consumption Value (2020-2031) & (USD Million)

Figure 51. Asia-Pacific Dual-frequency GNSS Navigation Module Sales Quantity Market Share by Type (2020-2031)

Figure 52. Asia-Pacific Dual-frequency GNSS Navigation Module Sales Quantity Market Share by Application (2020-2031)

Figure 53. Asia-Pacific Dual-frequency GNSS Navigation Module Sales Quantity Market Share by Region (2020-2031)

Figure 54. Asia-Pacific Dual-frequency GNSS Navigation Module Consumption Value Market Share by Region (2020-2031)

Figure 55. China Dual-frequency GNSS Navigation Module Consumption Value (2020-2031) & (USD Million)

Figure 56. Japan Dual-frequency GNSS Navigation Module Consumption Value (2020-2031) & (USD Million)

Figure 57. South Korea Dual-frequency GNSS Navigation Module Consumption Value (2020-2031) & (USD Million)

Figure 58. India Dual-frequency GNSS Navigation Module Consumption Value (2020-2031) & (USD Million)

Figure 59. Southeast Asia Dual-frequency GNSS Navigation Module Consumption Value (2020-2031) & (USD Million)

Figure 60. Australia Dual-frequency GNSS Navigation Module Consumption Value (2020-2031) & (USD Million)

Figure 61. South America Dual-frequency GNSS Navigation Module Sales Quantity

Market Share by Type (2020-2031)

Figure 62. South America Dual-frequency GNSS Navigation Module Sales Quantity Market Share by Application (2020-2031)

Figure 63. South America Dual-frequency GNSS Navigation Module Sales Quantity Market Share by Country (2020-2031)

Figure 64. South America Dual-frequency GNSS Navigation Module Consumption Value Market Share by Country (2020-2031)

Figure 65. Brazil Dual-frequency GNSS Navigation Module Consumption Value (2020-2031) & (USD Million)

Figure 66. Argentina Dual-frequency GNSS Navigation Module Consumption Value (2020-2031) & (USD Million)

Figure 67. Middle East & Africa Dual-frequency GNSS Navigation Module Sales Quantity Market Share by Type (2020-2031)

Figure 68. Middle East & Africa Dual-frequency GNSS Navigation Module Sales Quantity Market Share by Application (2020-2031)

Figure 69. Middle East & Africa Dual-frequency GNSS Navigation Module Sales Quantity Market Share by Country (2020-2031)

Figure 70. Middle East & Africa Dual-frequency GNSS Navigation Module Consumption Value Market Share by Country (2020-2031)

Figure 71. Turkey Dual-frequency GNSS Navigation Module Consumption Value (2020-2031) & (USD Million)

Figure 72. Egypt Dual-frequency GNSS Navigation Module Consumption Value (2020-2031) & (USD Million)

Figure 73. Saudi Arabia Dual-frequency GNSS Navigation Module Consumption Value (2020-2031) & (USD Million)

Figure 74. South Africa Dual-frequency GNSS Navigation Module Consumption Value (2020-2031) & (USD Million)

Figure 75. Dual-frequency GNSS Navigation Module Market Drivers

Figure 76. Dual-frequency GNSS Navigation Module Market Restraints

Figure 77. Dual-frequency GNSS Navigation Module Market Trends

Figure 78. Porters Five Forces Analysis

Figure 79. Manufacturing Cost Structure Analysis of Dual-frequency GNSS Navigation Module in 2024

Figure 80. Manufacturing Process Analysis of Dual-frequency GNSS Navigation Module

Figure 81. Dual-frequency GNSS Navigation Module Industrial Chain

Figure 82. Sales Channel: Direct to End-User vs Distributors

Figure 83. Direct Channel Pros & Cons

Figure 84. Indirect Channel Pros & Cons

Figure 85. Methodology

Figure 86. Research Process and Data Source

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