

Military Transmit and Receive Module Market by Type (Gallium Nitride, Gallium Arsenide), Application, Frequency (Single-Band and Multi-Band), Communication Medium (Optical, RF and Hybrid), Platform and Region - Global Forecast to 2028

<https://marketpublishers.com/r/M6A8589C6502EN.html>

Date: December 2023

Pages: 260

Price: US\$ 4,950.00 (Single User License)

ID: M6A8589C6502EN

Abstracts

The global military transmit and receive module market size is projected to grow from USD 5.8 billion in 2023 to USD USD 7.7 billion by 2028, at a CAGR of 5.8% from 2023 to 2028. The Military transmit and receive module market is expected to witness growth due to focus on military modernization and Integration of advanced radar technologies in air and missile defense system. Furthermore, increasing number of conflicts, and high defense spending are some of the major factors driving the market globally.

However, Vulnerability to radar jamming techniques and Technical complexities associated with transmit and receive modules poses a challenge for military transmit and receive module market growth.

Northrop Grumman Corporation (US), Thales Group (France), L3Harris Technologies, Inc. (US), RTX Corporation (US), and CAES System LLC (US) are some of the leading players operating in the Military transmit and receive module market. These companies secure contracts from governments of different countries.

“The Gallium Nitride segment to account for largest market share in the military transmit and receive module market during the forecast period.”

Based on types, the market is segmented into Gallium Nitride, Gallium Arsenide, and other types. The Gallium Nitride segment will lead the market with 50% of total market share in 2023. The growth of the GaN segment can be attributed to the research and

development of GaN-based T/R modules for higher power and lower cost.

“The radar application is projected to register the highest CAGR during the forecast period.”

Based on applications, radar application is expected to dominate the military transmit and receive module market in 2023. The critical role of T/R modules in military radar systems, particularly in active electronically scanned array (AESA) radars, is emphasized as they enable coordinated and electronically controlled transmission and reception of radar signals, influencing key defense platforms such as aircraft and leading to substantial contracts for radar modernization projects.

“The Multi-band segment to account for highest CAGR in the military transmit and receive module market during the forecast period.”

Based on frequency, the market is segmented into Single-band, and multi-band frequencies. The Multi-band segment is forecasted grow at fastest rate of 6.4% CAGR from 2023 to 2028. This is due to multi-band transmit and receive (T/R) modules play a pivotal role in various communication systems, offering flexibility across multiple frequency bands.

“By platform, the naval segment is estimated to register highest growth in the military transmit and receive module market.”

Based on platform, the market is segmented into Airborne, Naval, Land and Space. The naval segment is projected to reach USD 2.58 billion in 2028 from USD 1.93 billion in 2023, growing at a CAGR of 6.0%. Modern warships use electronic warfare to protect themselves from aerial attacks as Naval warships are vulnerable to get attacked by fighter aircraft, UAVs, or anti-ship missiles.

“The Asia Pacific market is projected to grow at highest CAGR during the forecast period.”

The growth of the Asia Pacific market is estimated to be the highest as China and India are both procuring and developing radar, communication, and electronic warfare systems due to China’s expansion plan and India’s unstable borders with two countries having nuclear weapons.

Breakdown of primaries

The study contains insights from various industry experts, ranging from component suppliers to Tier 1 companies and OEMs. The break-up of the primaries is as follows:

By Company Type: Tier 1–35%; Tier 2–45%; and Tier 3–20%

By Designation: C Level–35%; Directors–25%; and Others–40%

By Region: North America–35%; Europe–20%; Asia Pacific–30%; Middle East–10%; and RoW–5%

Northrop Grumman Corporation (US), Thales Group (France), L3Harris Technologies, Inc. (US), RTX Corporation (US), and CAES System LLC (US) are some of the leading players operating in the Military transmit and receive module market.

Research Coverage

The study covers the military transmit and receive module market across various segments and subsegments. It aims at estimating the size and growth potential of this market across different segments based on Type, Application, Frequency, Medium of Communication, Platform and Region. This study also includes an in-depth competitive analysis of the key players in the market, along with their company profiles, key observations related to their product and business offerings, recent developments undertaken by them, and key market strategies adopted by them.

Key benefits of buying this report: This report will help the market leaders/new entrants in this market with information on the closest approximations of the revenue numbers for the overall military transmit and receive module market and its subsegments. The report covers the entire ecosystem of the anti-aircraft warfare industry. It will help stakeholders understand the competitive landscape and gain more insights to position their businesses better and plan suitable go-to-market strategies. The report will also help stakeholders understand the pulse of the market and provide them with information on key market drivers, restraints, challenges, and opportunities.

The report provides insights on the following pointers:

Analysis of key drivers and several factors, such as Russia-Ukraine Conflict, increasing development of indigenous air defense systems, proliferation of

advanced technologies like stealth and electronic countermeasures in aircraft and others that could contribute to an increase in military transmit and receive module market.

Product Development/Innovation: Detailed insights on upcoming technologies, research & development activities, and new product & service launches in the military transmit and receive module market

Market Development: Comprehensive information about lucrative markets – the report analyses the military transmit and receive module market across varied regions

Market Diversification: Exhaustive information about new products & services, untapped geographies, recent developments, and investments in military transmit and receive module market

Competitive Assessment: In-depth assessment of market shares, growth strategies, and service offerings of leading players like Northrop Grumman Corporation (US), Thales Group (France), L3Harris Technologies, Inc. (US), RTX Corporation (US), and CAES System LLC (US), among others in the Military transmit and receive module market.

Contents

1 INTRODUCTION

1.1 STUDY OBJECTIVES

1.2 MARKET DEFINITION

1.3 STUDY SCOPE

1.3.1 MARKETS COVERED

FIGURE 1 MILITARY TRANSMIT AND RECEIVE MODULE MARKET SEGMENTATION

1.3.2 REGIONS COVERED

1.3.3 YEARS CONSIDERED

1.4 INCLUSIONS AND EXCLUSIONS

TABLE 1 INCLUSIONS AND EXCLUSIONS

1.5 CURRENCY CONSIDERED

TABLE 2 USD EXCHANGE RATES

1.6 STAKEHOLDERS

2 RESEARCH METHODOLOGY

2.1 RESEARCH DATA

FIGURE 2 RESEARCH PROCESS FLOW

FIGURE 3 RESEARCH DESIGN

2.1.1 SECONDARY DATA

2.1.1.1 Secondary sources

2.1.2 PRIMARY DATA

2.1.2.1 Primary respondents

2.1.2.2 Key data from primary sources

FIGURE 4 KEY INDUSTRY INSIGHTS

FIGURE 5 BREAKDOWN OF PRIMARY INTERVIEWS

2.2 FACTOR ANALYSIS

2.2.1 INTRODUCTION

2.2.2 DEMAND-SIDE INDICATORS

2.2.3 SUPPLY-SIDE INDICATORS

2.3 RECESSION IMPACT ANALYSIS

2.4 RUSSIA-UKRAINE WAR IMPACT ANALYSIS

2.4.1 IMPACT OF RUSSIA-UKRAINE WAR ON MACRO FACTORS OF DEFENSE SECTOR

FIGURE 6 IMPACT OF RUSSIA-UKRAINE WAR ON MACRO FACTORS OF

DEFENSE SECTOR

2.4.2 IMPACT OF RUSSIA-UKRAINE WAR ON MICRO FACTORS OF DEFENSE SECTOR

2.4.3 IMPACT OF RUSSIA-UKRAINE WAR ON MICRO FACTORS OF MILITARY TRANSMIT AND RECEIVE MODULE MARKET

TABLE 3 IMPACT OF RUSSIA-UKRAINE WAR ON MICRO FACTORS OF MILITARY TRANSMIT AND RECEIVE MODULE MARKET

2.5 MARKET SIZE ESTIMATION

2.5.1 BOTTOM-UP APPROACH

FIGURE 7 BOTTOM-UP APPROACH

2.5.2 TOP-DOWN APPROACH

FIGURE 8 TOP-DOWN APPROACH

2.6 DATA TRIANGULATION

FIGURE 9 DATA TRIANGULATION

2.7 RESEARCH ASSUMPTIONS

2.8 RESEARCH LIMITATIONS

2.9 RISK ASSESSMENT

3 EXECUTIVE SUMMARY

FIGURE 10 SHARE OF MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY REGION (2019–2028) AND PLATFORM (2023)

FIGURE 11 GALLIUM NITRIDE TO HOLD LARGEST MARKET SHARE IN 2023

FIGURE 12 RADAR SEGMENT TO SECURE LEADING MARKET POSITION DURING FORECAST PERIOD

FIGURE 13 SINGLE-BAND TO BE LARGEST SEGMENT DURING FORECAST PERIOD

FIGURE 14 NAVAL TO SURPASS OTHER PLATFORMS DURING FORECAST PERIOD

FIGURE 15 ASIA PACIFIC TO BE FASTEST-GROWING MARKET DURING FORECAST PERIOD

4 PREMIUM INSIGHTS

4.1 ATTRACTIVE OPPORTUNITIES FOR PLAYERS IN MILITARY TRANSMIT AND RECEIVE MODULE MARKET

FIGURE 16 RAPID DEVELOPMENT OF SOLID-STATE T/R MODULE-BASED ACTIVE PHASED ARRAY RADARS

4.2 MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE

FIGURE 17 GALLIUM NITRIDE SEGMENT TO DOMINATE MARKET IN 2023
4.3 MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY APPLICATION
FIGURE 18 RADAR SEGMENT TO REGISTER HIGHEST CAGR DURING FORECAST PERIOD
4.4 MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY FREQUENCY
FIGURE 19 MULTI-BAND TO BE FASTEST-GROWING SEGMENT DURING FORECAST PERIOD
4.5 MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY PLATFORM
FIGURE 20 NAVAL SEGMENT TO ACQUIRE LARGEST MARKET SHARE IN 2028
4.6 MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY COUNTRY
FIGURE 21 INDIA TO BE FASTEST-GROWING COUNTRY-LEVEL MARKET DURING FORECAST PERIOD

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 MARKET DYNAMICS

FIGURE 22 MILITARY TRANSMIT AND RECEIVE MODULE MARKET DYNAMICS

5.2.1 DRIVERS

5.2.1.1 Development of new transmit and receive (T/R) module technologies

5.2.1.2 Increase in demand for advanced electronic warfare and communications systems amid rising geopolitical tensions

TABLE 4 GEOPOLITICAL TENSIONS GLOBALLY

5.2.1.3 Focus on military modernization

5.2.1.4 Integration of advanced radar technologies in air and missile defense systems

5.2.2 RESTRAINTS

5.2.2.1 High manufacturing cost of T/R modules

5.2.2.2 Stringent regulations for import and export of gallium

5.2.3 OPPORTUNITIES

5.2.3.1 Emphasis on developing lightweight radars

5.2.3.2 Ongoing research and development in advanced surveillance technologies

5.2.4 CHALLENGES

5.2.4.1 Vulnerability to radar jamming techniques

5.2.4.2 Technical complexities associated with T/R modules

5.3 TRENDS AND DISRUPTIONS IMPACTING CUSTOMERS' BUSINESSES

FIGURE 23 REVENUE SHIFT IN MILITARY TRANSMIT AND RECEIVE MODULE MARKET

5.4 VALUE CHAIN ANALYSIS

FIGURE 24 VALUE CHAIN ANALYSIS

5.5 SUPPLY CHAIN ANALYSIS

FIGURE 25 SUPPLY CHAIN ANALYSIS

5.6 ECOSYSTEM MAPPING

5.6.1 PROMINENT COMPANIES

5.6.2 PRIVATE AND SMALL ENTERPRISES

5.6.3 END USERS

FIGURE 26 ECOSYSTEM MAPPING

TABLE 5 ROLE OF KEY PLAYERS IN ECOSYSTEM

FIGURE 27 KEY PLAYERS IN ECOSYSTEM

5.7 TRADE DATA ANALYSIS

5.7.1 IMPORT DATA

FIGURE 28 IMPORT DATA, BY COUNTRY, 2018–2022 (USD MILLION)

5.7.2 EXPORT DATA

FIGURE 29 EXPORT DATA, BY COUNTRY, 2018–2022 (USD MILLION)

5.8 PRICING ANALYSIS

5.8.1 AVERAGE SELLING PRICE OF MILITARY T/R MODULES, BY PLATFORM

FIGURE 30 AVERAGE SELLING PRICE OF MILITARY T/R MODULES, BY PLATFORM (USD THOUSAND, 2022)

TABLE 6 AVERAGE SELLING PRICE OF MILITARY T/R MODULES, BY PLATFORM (USD THOUSAND, 2022)

5.8.2 INDICATIVE PRICING ANALYSIS OF MILITARY T/R MODULES

TABLE 7 INDICATIVE PRICING ANALYSIS OF MILITARY T/R MODULES, BY KEY PLAYER

5.9 CASE STUDIES

5.9.1 USE OF NORTHROP GRUMMAN'S AN/APG-81 AESA RADAR IN F-35 LIGHTNING

5.9.2 USE OF THALES' RBE2-AA RADAR IN DASSAULT RAFAEL

5.9.3 DEVELOPMENT OF UTTAM AESA RADAR

5.10 PORTER'S FIVE FORCES ANALYSIS

TABLE 8 IMPACT OF PORTER'S FIVE FORCES

FIGURE 31 PORTER'S FIVE FORCES ANALYSIS

5.10.1 THREAT OF NEW ENTRANTS

5.10.2 THREAT OF SUBSTITUTES

5.10.3 BARGAINING POWER OF SUPPLIERS

5.10.4 BARGAINING POWER OF BUYERS

5.10.5 INTENSITY OF COMPETITIVE RIVALRY

5.11 REGULATORY LANDSCAPE

TABLE 9 NORTH AMERICA: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 10 EUROPE: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 11 ASIA PACIFIC: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 12 MIDDLE EAST: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 13 REST OF THE WORLD: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

5.12 KEY CONFERENCES AND EVENTS, 2023–2024

TABLE 14 KEY CONFERENCES AND EVENTS, 2023?2024

5.13 KEY STAKEHOLDERS AND BUYING CRITERIA

5.13.1 STAKEHOLDERS IN BUYING PROCESS

FIGURE 32 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS, BY APPLICATION

TABLE 15 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS, BY APPLICATION (%)

5.13.2 KEY BUYING CRITERIA

FIGURE 33 KEY BUYING CRITERIA, BY APPLICATION

TABLE 16 KEY BUYING CRITERIA, BY APPLICATION

6 INDUSTRY TRENDS

6.1 INTRODUCTION

6.2 TECHNOLOGY TRENDS

6.2.1 GALLIUM NITRIDE

6.2.2 GALLIUM ARSENIDE

6.2.3 ACTIVE ELECTRONICALLY SCANNED ARRAY

6.2.4 MULTI-BAND, MULTI-MISSION ANTENNA

6.2.5 SOLID-STATE T/R MODULE

6.2.6 BEAMFORMING

6.2.7 COGNITIVE RADAR

6.2.8 ADVANCED TACTICAL DATA LINK

6.3 IMPACT OF MEGATRENDS

6.3.1 ARTIFICIAL INTELLIGENCE

6.3.2 MINIATURIZED T/R MODULE

6.3.3 COMMERCIAL-OFF-THE-SHELF T/R MODULE

6.4 PATENT ANALYSIS

FIGURE 34 PATENT ANALYSIS

TABLE 17 PATENT ANALYSIS, 2019?2022

6.5 ROADMAP FOR MILITARY TRANSMIT AND RECEIVE MODULE MARKET

FIGURE 35 EVOLUTION OF MILITARY T/R MODULE TECHNOLOGY, 1940–2023

7 MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE

7.1 INTRODUCTION

FIGURE 36 MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2023–2028

TABLE 18 MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2019–2022 (USD MILLION)

TABLE 19 MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2023–2028 (USD MILLION)

7.2 GALLIUM NITRIDE (GAN)

7.2.1 COST EFFICIENCY AND IMPROVED PERFORMANCE TO DRIVE GROWTH

7.3 GALLIUM ARSENIDE (GAAS)

7.3.1 LOW POWER CONSUMPTION AND RADIATION RESISTANCE TO DRIVE GROWTH

7.4 OTHER TYPES

8 MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY APPLICATION

8.1 INTRODUCTION

FIGURE 37 MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY APPLICATION, 2023–2028

TABLE 20 MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY APPLICATION, 2019–2022 (USD MILLION)

TABLE 21 MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 22 VOLUME DATA: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY APPLICATION, (MILLION UNITS), 2019–2022

8.2 RADAR

8.2.1 EFFORTS TOWARD DEFENSE MODERNIZATION TO DRIVE GROWTH

8.3 COMMUNICATION

8.3.1 PROCUREMENT OF ADVANCED MILITARY COMMUNICATIONS SYSTEMS TO DRIVE GROWTH

8.4 ELECTRONIC WARFARE

8.4.1 DEVELOPMENT OF NEW TECHNOLOGIES AND ARCHITECTURES TO DRIVE GROWTH

8.5 OTHER APPLICATIONS

9 MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY FREQUENCY

9.1 INTRODUCTION

FIGURE 38 MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY FREQUENCY, 2023–2028

TABLE 23 MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY FREQUENCY, 2019–2022 (USD MILLION)

TABLE 24 MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY FREQUENCY, 2023–2028 (USD MILLION)

9.2 SINGLE-BAND

9.2.1 FOCUS ON EFFICIENT AND COMPACT COMMUNICATIONS SOLUTIONS TO DRIVE GROWTH

FIGURE 39 X (1–2 GHz) TO SURPASS OTHER SEGMENTS DURING FORECAST PERIOD

TABLE 25 SINGLE-BAND: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2019–2022 (USD MILLION)

TABLE 26 SINGLE-BAND: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2023–2028 (USD MILLION)

9.2.1.1 HF/VHF/UHF (>1 GHz)

9.2.1.2 L (1–2 GHz)

9.2.1.3 S (2–4 GHz)

9.2.1.4 C (4–8 GHz)

9.2.1.5 X (8–12 GHz)

9.2.1.6 Ku/K/Ka (12–40 GHz)

9.3 MULTI-BAND

9.3.1 FLEXIBILITY ACROSS MULTIPLE FREQUENCY BANDS TO DRIVE GROWTH

10 MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY PLATFORM

10.1 INTRODUCTION

FIGURE 40 MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY PLATFORM, 2023–2028

TABLE 27 MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY PLATFORM, 2019–2022 (USD MILLION)

TABLE 28 MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY PLATFORM, 2023–2028 (USD MILLION)

10.2 AIRBORNE

10.2.1 PROLIFERATION OF T/R MODULES IN AIR RADAR SYSTEMS TO DRIVE

GROWTH

10.3 NAVAL

10.3.1 USE OF ELECTRONIC WARFARE BY MODERN WARSHIPS TO DRIVE GROWTH

10.4 LAND

10.4.1 DEVELOPMENT OF STATE-OF-THE-ART RADAR SYSTEMS TO DRIVE GROWTH

10.5 SPACE

10.5.1 EVOLUTION OF MILITARY SPACE TECHNOLOGIES TO DRIVE GROWTH

11 MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY COMMUNICATION MEDIUM

11.1 INTRODUCTION

11.2 OPTICAL

11.3 RADIO FREQUENCY (RF)

11.4 HYBRID

12 MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY REGION

12.1 INTRODUCTION

FIGURE 41 MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY REGION, 2023–2028

12.2 REGIONAL RECESSION IMPACT ANALYSIS

TABLE 29 REGIONAL RECESSION IMPACT ANALYSIS

TABLE 30 MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY REGION, 2019–2022 (USD MILLION)

TABLE 31 MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY REGION, 2023–2028 (USD MILLION)

12.3 NORTH AMERICA

12.3.1 PESTLE ANALYSIS

12.3.2 RECESSION IMPACT ANALYSIS

FIGURE 42 NORTH AMERICA: MILITARY TRANSMIT AND RECEIVE MODULE MARKET SNAPSHOT

TABLE 32 NORTH AMERICA: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY COUNTRY, 2019–2022 (USD MILLION)

TABLE 33 NORTH AMERICA: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY COUNTRY, 2023–2028 (USD MILLION)

TABLE 34 NORTH AMERICA: MILITARY TRANSMIT AND RECEIVE MODULE

MARKET, BY TYPE, 2019–2022 (USD MILLION)

TABLE 35 NORTH AMERICA: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2023–2028 (USD MILLION)

TABLE 36 NORTH AMERICA: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY APPLICATION, 2019–2022 (USD MILLION)

TABLE 37 NORTH AMERICA: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 38 NORTH AMERICA: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY FREQUENCY, 2019–2022 (USD MILLION)

TABLE 39 NORTH AMERICA: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY FREQUENCY, 2023–2028 (USD MILLION)

TABLE 40 NORTH AMERICA: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY SINGLE-BAND FREQUENCY, 2019–2022 (USD MILLION)

TABLE 41 NORTH AMERICA: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY SINGLE-BAND FREQUENCY, 2023–2028 (USD MILLION)

TABLE 42 NORTH AMERICA: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY PLATFORM, 2019–2022 (USD MILLION)

TABLE 43 NORTH AMERICA: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY PLATFORM, 2023–2028 (USD MILLION)

12.3.3 US

12.3.3.1 Large-scale presence of military equipment manufacturers to drive growth

TABLE 44 US: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2019–2022 (USD MILLION)

TABLE 45 US: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2023–2028 (USD MILLION)

TABLE 46 US: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY PLATFORM, 2019–2022 (USD MILLION)

TABLE 47 US: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY PLATFORM, 2023–2028 (USD MILLION)

12.3.4 CANADA

12.3.4.1 Boost in defense modernization initiatives to drive growth

TABLE 48 CANADA: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2019–2022 (USD MILLION)

TABLE 49 CANADA: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2023–2028 (USD MILLION)

TABLE 50 CANADA: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY PLATFORM, 2019–2022 (USD MILLION)

TABLE 51 CANADA: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY PLATFORM, 2023–2028 (USD MILLION)

12.4 EUROPE

12.4.1 PESTLE ANALYSIS

12.4.2 RECESSION IMPACT ANALYSIS

FIGURE 43 EUROPE: MILITARY TRANSMIT AND RECEIVE MODULE MARKET SNAPSHOT

TABLE 52 EUROPE: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY COUNTRY, 2019–2022 (USD MILLION)

TABLE 53 EUROPE: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY COUNTRY, 2023–2028 (USD MILLION)

TABLE 54 EUROPE: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2019–2022 (USD MILLION)

TABLE 55 EUROPE: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2023–2028 (USD MILLION)

TABLE 56 EUROPE: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY APPLICATION, 2019–2022 (USD MILLION)

TABLE 57 EUROPE: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 58 EUROPE: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY FREQUENCY, 2019–2022 (USD MILLION)

TABLE 59 EUROPE: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY FREQUENCY, 2023–2028 (USD MILLION)

TABLE 60 EUROPE: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY SINGLE-BAND FREQUENCY, 2019–2022 (USD MILLION)

TABLE 61 EUROPE: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY SINGLE-BAND FREQUENCY, 2023–2028 (USD MILLION)

TABLE 62 EUROPE: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY PLATFORM, 2019–2022 (USD MILLION)

TABLE 63 EUROPE: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY PLATFORM, 2023–2028 (USD MILLION)

12.4.3 UK

12.4.3.1 Rise in military expenditure to drive growth

TABLE 64 UK: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2019–2022 (USD MILLION)

TABLE 65 UK: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2023–2028 (USD MILLION)

TABLE 66 UK: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY PLATFORM, 2019–2022 (USD MILLION)

TABLE 67 UK: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY PLATFORM, 2023–2028 (USD MILLION)

12.4.4 FRANCE

12.4.4.1 Increase in international deals providing advanced military aircraft to drive growth

TABLE 68 FRANCE: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2019–2022 (USD MILLION)

TABLE 69 FRANCE: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2023–2028 (USD MILLION)

TABLE 70 FRANCE: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY PLATFORM, 2019–2022 (USD MILLION)

TABLE 71 FRANCE: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY PLATFORM, 2023–2028 (USD MILLION)

12.4.5 GERMANY

12.4.5.1 Surge in demand for aircraft with advanced electronic warfare to drive growth

TABLE 72 GERMANY: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2019–2022 (USD MILLION)

TABLE 73 GERMANY: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2023–2028 (USD MILLION)

TABLE 74 GERMANY: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY PLATFORM, 2019–2022 (USD MILLION)

TABLE 75 GERMANY: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY PLATFORM, 2023–2028 (USD MILLION)

12.4.6 ITALY

12.4.6.1 Innovations in military communications technology to drive growth

TABLE 76 ITALY: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2019–2022 (USD MILLION)

TABLE 77 ITALY: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2023–2028 (USD MILLION)

TABLE 78 ITALY: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY PLATFORM, 2019–2022 (USD MILLION)

TABLE 79 ITALY: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY PLATFORM, 2023–2028 (USD MILLION)

12.4.7 RUSSIA

12.4.7.1 Rising threats from NATO countries to drive growth

TABLE 80 RUSSIA: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2019–2022 (USD MILLION)

TABLE 81 RUSSIA: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2023–2028 (USD MILLION)

TABLE 82 RUSSIA: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY

PLATFORM, 2019–2022 (USD MILLION)

TABLE 83 RUSSIA: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY PLATFORM, 2023–2028 (USD MILLION)

12.4.8 REST OF EUROPE

TABLE 84 REST OF EUROPE: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2019–2022 (USD MILLION)

TABLE 85 REST OF EUROPE: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2023–2028 (USD MILLION)

TABLE 86 REST OF EUROPE: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY PLATFORM, 2019–2022 (USD MILLION)

TABLE 87 REST OF EUROPE: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY PLATFORM, 2023–2028 (USD MILLION)

12.5 ASIA PACIFIC

12.5.1 PESTLE ANALYSIS

12.5.2 RECESSION IMPACT ANALYSIS

FIGURE 44 ASIA PACIFIC: MILITARY TRANSMIT AND RECEIVE MODULE MARKET SNAPSHOT

TABLE 88 ASIA PACIFIC: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY COUNTRY, 2019–2022 (USD MILLION)

TABLE 89 ASIA PACIFIC: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY COUNTRY, 2023–2028 (USD MILLION)

TABLE 90 ASIA PACIFIC: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2019–2022 (USD MILLION)

TABLE 91 ASIA PACIFIC: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2023–2028 (USD MILLION)

TABLE 92 ASIA PACIFIC: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY APPLICATION, 2019–2022 (USD MILLION)

TABLE 93 ASIA PACIFIC: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 94 ASIA PACIFIC: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY FREQUENCY, 2019–2022 (USD MILLION)

TABLE 95 ASIA PACIFIC: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY FREQUENCY, 2023–2028 (USD MILLION)

TABLE 96 ASIA PACIFIC: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY SINGLE-BAND FREQUENCY, 2019–2022 (USD MILLION)

TABLE 97 ASIA PACIFIC: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY SINGLE-BAND FREQUENCY, 2023–2028 (USD MILLION)

TABLE 98 ASIA PACIFIC: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY PLATFORM, 2019–2022 (USD MILLION)

TABLE 99 ASIA PACIFIC: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY PLATFORM, 2023–2028 (USD MILLION)**12.5.3 CHINA****12.5.3.1 Defense investments and technological showcases to drive growth****TABLE 100 CHINA: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2019–2022 (USD MILLION)****TABLE 101 CHINA: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2023–2028 (USD MILLION)****TABLE 102 CHINA: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY PLATFORM, 2019–2022 (USD MILLION)****TABLE 103 CHINA: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY PLATFORM, 2023–2028 (USD MILLION)****12.5.4 INDIA****12.5.4.1 Indigenous manufacturing of T/R modules to drive growth****TABLE 104 INDIA: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2019–2022 (USD MILLION)****TABLE 105 INDIA: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2023–2028 (USD MILLION)****TABLE 106 INDIA: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY PLATFORM, 2019–2022 (USD MILLION)****TABLE 107 INDIA: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY PLATFORM, 2023–2028 (USD MILLION)****12.5.5 JAPAN****12.5.5.1 Rising security concerns to drive growth****TABLE 108 JAPAN: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2019–2022 (USD MILLION)****TABLE 109 JAPAN: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2023–2028 (USD MILLION)****TABLE 110 JAPAN: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY PLATFORM, 2019–2022 (USD MILLION)****TABLE 111 JAPAN: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY PLATFORM, 2023–2028 (USD MILLION)****12.5.6 SOUTH KOREA****12.5.6.1 Increasing procurement of advanced defense electronics to drive growth****TABLE 112 SOUTH KOREA: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2019–2022 (USD MILLION)****TABLE 113 SOUTH KOREA: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2023–2028 (USD MILLION)****TABLE 114 SOUTH KOREA: MILITARY TRANSMIT AND RECEIVE MODULE**

MARKET, BY PLATFORM, 2019–2022 (USD MILLION)

TABLE 115 SOUTH KOREA: MILITARY TRANSMIT AND RECEIVE MODULE

MARKET, BY PLATFORM, 2023–2028 (USD MILLION)

12.5.7 AUSTRALIA

12.5.7.1 Modern radar technologies to drive growth

TABLE 116 AUSTRALIA: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2019–2022 (USD MILLION)

TABLE 117 AUSTRALIA: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2023–2028 (USD MILLION)

TABLE 118 AUSTRALIA: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY PLATFORM, 2019–2022 (USD MILLION)

TABLE 119 AUSTRALIA: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY PLATFORM, 2023–2028 (USD MILLION)

12.5.8 REST OF ASIA PACIFIC

TABLE 120 REST OF ASIA PACIFIC: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2019–2022 (USD MILLION)

TABLE 121 REST OF ASIA PACIFIC: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2023–2028 (USD MILLION)

TABLE 122 REST OF ASIA PACIFIC: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY PLATFORM, 2019–2022 (USD MILLION)

TABLE 123 REST OF ASIA PACIFIC: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY PLATFORM, 2023–2028 (USD MILLION)

12.6 MIDDLE EAST

12.6.1 PESTLE ANALYSIS

12.6.2 RECESSION IMPACT ANALYSIS

FIGURE 45 MIDDLE EAST: MILITARY TRANSMIT AND RECEIVE MODULE MARKET SNAPSHOT

TABLE 124 MIDDLE EAST: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY COUNTRY, 2019–2022 (USD MILLION)

TABLE 125 MIDDLE EAST: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY COUNTRY, 2023–2028 (USD MILLION)

TABLE 126 MIDDLE EAST: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2019–2022 (USD MILLION)

TABLE 127 MIDDLE EAST: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2023–2028 (USD MILLION)

TABLE 128 MIDDLE EAST: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY APPLICATION, 2019–2022 (USD MILLION)

TABLE 129 MIDDLE EAST: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 130 MIDDLE EAST: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY FREQUENCY, 2019–2022 (USD MILLION)

TABLE 131 MIDDLE EAST: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY FREQUENCY, 2023–2028 (USD MILLION)

TABLE 132 MIDDLE EAST: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY SINGLE-BAND FREQUENCY, 2019–2022 (USD MILLION)

TABLE 133 MIDDLE EAST: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY SINGLE-BAND FREQUENCY, 2023–2028 (USD MILLION)

TABLE 134 MIDDLE EAST: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY PLATFORM, 2019–2022 (USD MILLION)

TABLE 135 MIDDLE EAST: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY PLATFORM, 2023–2028 (USD MILLION)

12.6.3 GCC COUNTRIES

12.6.3.1 Saudi Arabia

12.6.3.1.1 Surge in defense spending to drive growth

TABLE 136 SAUDI ARABIA: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2019–2022 (USD MILLION)

TABLE 137 SAUDI ARABIA: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2023–2028 (USD MILLION)

TABLE 138 SAUDI ARABIA: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY PLATFORM, 2019–2022 (USD MILLION)

TABLE 139 SAUDI ARABIA: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY PLATFORM, 2023–2028 (USD MILLION)

12.6.3.2 UAE

12.6.3.2.1 Heightened regional threats to drive growth

TABLE 140 UAE: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2019–2022 (USD MILLION)

TABLE 141 UAE: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2023–2028 (USD MILLION)

TABLE 142 UAE: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY PLATFORM, 2019–2022 (USD MILLION)

TABLE 143 UAE: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY PLATFORM, 2023–2028 (USD MILLION)

12.6.3.3 QATAR

12.6.3.3.1 Expansion of domestic naval forces to drive growth

TABLE 144 QATAR: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2019–2022 (USD MILLION)

TABLE 145 QATAR: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2023–2028 (USD MILLION)

TABLE 146 QATAR: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY PLATFORM, 2019–2022 (USD MILLION)

TABLE 147 QATAR: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY PLATFORM, 2023–2028 (USD MILLION)

12.6.4 ISRAEL

12.6.4.1 Focus on advanced electronic systems to drive growth

TABLE 148 ISRAEL: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2019–2022 (USD MILLION)

TABLE 149 ISRAEL: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2023–2028 (USD MILLION)

TABLE 150 ISRAEL: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY PLATFORM, 2019–2022 (USD MILLION)

TABLE 151 ISRAEL: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY PLATFORM, 2023–2028 (USD MILLION)

12.6.5 TURKEY

12.6.5.1 Expansion of defense portfolio to drive growth

TABLE 152 TURKEY: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2019–2022 (USD MILLION)

TABLE 153 TURKEY: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2023–2028 (USD MILLION)

TABLE 154 TURKEY: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY PLATFORM, 2019–2022 (USD MILLION)

TABLE 155 TURKEY: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY PLATFORM, 2023–2028 (USD MILLION)

12.6.6 REST OF MIDDLE EAST

TABLE 156 REST OF MIDDLE EAST: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2019–2022 (USD MILLION)

TABLE 157 REST OF MIDDLE EAST: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2023–2028 (USD MILLION)

TABLE 158 REST OF MIDDLE EAST: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY PLATFORM, 2019–2022 (USD MILLION)

TABLE 159 REST OF MIDDLE EAST: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY PLATFORM, 2023–2028 (USD MILLION)

12.7 REST OF THE WORLD (ROW)

12.7.1 PESTLE ANALYSIS

TABLE 160 REST OF THE WORLD: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY REGION, 2019–2022 (USD MILLION)

TABLE 161 REST OF THE WORLD: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY REGION, 2023–2028 (USD MILLION)

TABLE 162 REST OF THE WORLD: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2019–2022 (USD MILLION)

TABLE 163 REST OF THE WORLD: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2023–2028 (USD MILLION)

TABLE 164 REST OF THE WORLD: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY APPLICATION, 2019–2022 (USD MILLION)

TABLE 165 REST OF THE WORLD: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 166 REST OF THE WORLD: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY FREQUENCY, 2019–2022 (USD MILLION)

TABLE 167 REST OF THE WORLD: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY FREQUENCY, 2023–2028 (USD MILLION)

TABLE 168 REST OF THE WORLD: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY SINGLE-BAND FREQUENCY, 2019–2022 (USD MILLION)

TABLE 169 REST OF THE WORLD: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY SINGLE-BAND FREQUENCY, 2023–2028 (USD MILLION)

TABLE 170 REST OF THE WORLD: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY PLATFORM, 2019–2022 (USD MILLION)

TABLE 171 REST OF THE WORLD: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY PLATFORM, 2023–2028 (USD MILLION)

12.7.2 LATIN AMERICA

12.7.2.1 Increasing procurement of naval ships to drive growth

TABLE 172 LATIN AMERICA: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2019–2022 (USD MILLION)

TABLE 173 LATIN AMERICA: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2023–2028 (USD MILLION)

TABLE 174 LATIN AMERICA: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY PLATFORM, 2019–2022 (USD MILLION)

TABLE 175 LATIN AMERICA: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY PLATFORM, 2023–2028 (USD MILLION)

12.7.3 AFRICA

12.7.3.1 Incorporation of advanced defense electronics to drive growth

TABLE 176 AFRICA: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2019–2022 (USD MILLION)

TABLE 177 AFRICA: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY TYPE, 2023–2028 (USD MILLION)

TABLE 178 AFRICA: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY PLATFORM, 2019–2022 (USD MILLION)

TABLE 179 AFRICA: MILITARY TRANSMIT AND RECEIVE MODULE MARKET, BY

PLATFORM, 2023–2028 (USD MILLION)

13 COMPETITIVE LANDSCAPE

13.1 INTRODUCTION

13.2 STRATEGIES ADOPTED BY KEY PLAYERS

TABLE 180 STRATEGIES ADOPTED BY KEY PLAYERS

13.3 RANKING ANALYSIS, 2022

FIGURE 46 MARKET RANKING OF KEY PLAYERS, 2022

13.4 MARKET SHARE ANALYSIS, 2022

FIGURE 47 MARKET SHARE OF KEY PLAYERS, 2022

TABLE 181 MILITARY TRANSMIT AND RECEIVE MODULE MARKET: DEGREE OF COMPETITION

13.5 REVENUE ANALYSIS, 2018–2022

FIGURE 48 REVENUE ANALYSIS OF KEY PLAYERS, 2018–2022

13.6 COMPANY EVALUATION MATRIX, 2022

13.6.1 STARS

13.6.2 EMERGING LEADERS

13.6.3 PERVASIVE PLAYERS

13.6.4 PARTICIPANTS

FIGURE 49 COMPANY EVALUATION MATRIX, 2022

13.6.5 COMPANY FOOTPRINT

FIGURE 50 COMPANY FOOTPRINT

TABLE 182 APPLICATION FOOTPRINT

TABLE 183 FREQUENCY FOOTPRINT

TABLE 184 REGION FOOTPRINT

13.7 START-UP/SME EVALUATION MATRIX, 2022

13.7.1 PROGRESSIVE COMPANIES

13.7.2 DYNAMIC COMPANIES

13.7.3 RESPONSIVE COMPANIES

13.7.4 STARTING BLOCKS

FIGURE 51 START-UP/SME EVALUATION MATRIX, 2022

13.7.5 COMPETITIVE BENCHMARKING

TABLE 185 KEY START-UPS/SMES

TABLE 186 COMPETITIVE BENCHMARKING OF START-UPS/SMES

13.8 COMPETITIVE SCENARIO

13.8.1 MARKET EVALUATION FRAMEWORK

13.8.2 PRODUCT LAUNCHES/DEVELOPMENTS

TABLE 187 PRODUCT LAUNCHES/DEVELOPMENTS, 2020–2023

13.8.3 DEALS

TABLE 188 DEALS, 2020–2023

13.8.4 OTHERS

TABLE 189 OTHERS, 2020–2023

14 COMPANY PROFILES

(Business Overview, Products Offered, Recent Developments, MnM View Right to win, Strategic choices made, Weaknesses and competitive threats) *

14.1 KEY PLAYERS

14.1.1 NORTHROP GRUMMAN

TABLE 190 NORTHROP GRUMMAN: COMPANY OVERVIEW

FIGURE 52 NORTHROP GRUMMAN: COMPANY SNAPSHOT

TABLE 191 NORTHROP GRUMMAN: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 192 NORTHROP GRUMMAN: PRODUCT LAUNCHES/DEVELOPMENTS

TABLE 193 NORTHROP GRUMMAN: DEALS

14.1.2 THALES

TABLE 194 THALES: COMPANY OVERVIEW

FIGURE 53 THALES: COMPANY SNAPSHOT

TABLE 195 THALES: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 196 THALES: PRODUCT LAUNCHES/DEVELOPMENTS

TABLE 197 THALES: DEALS

TABLE 198 THALES: OTHERS

14.1.3 L3HARRIS TECHNOLOGIES, INC.

TABLE 199 L3HARRIS TECHNOLOGIES, INC.: COMPANY OVERVIEW

FIGURE 54 L3HARRIS TECHNOLOGIES, INC.: COMPANY SNAPSHOT

TABLE 200 L3HARRIS TECHNOLOGIES, INC.: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 201 L3HARRIS TECHNOLOGIES, INC.: DEALS

14.1.4 RTX

TABLE 202 RTX: COMPANY OVERVIEW

FIGURE 55 RTX: COMPANY SNAPSHOT

TABLE 203 RTX: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 204 RTX: DEALS

14.1.5 CAES SYSTEMS LLC

TABLE 205 CAES SYSTEMS LLC: COMPANY OVERVIEW

TABLE 206 CAES SYSTEMS LLC: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 207 CAES SYSTEMS LLC: DEALS

14.1.6 MITSUBISHI ELECTRIC CORPORATION

TABLE 208 MITSUBISHI ELECTRIC CORPORATION: COMPANY OVERVIEW

FIGURE 56 MITSUBISHI ELECTRIC CORPORATION: COMPANY SNAPSHOT

TABLE 209 MITSUBISHI ELECTRIC CORPORATION:

PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 210 MITSUBISHI ELECTRIC CORPORATION: DEALS

TABLE 211 MITSUBISHI ELECTRIC CORPORATION: OTHERS

14.1.7 LEONARDO S.P.A.

TABLE 212 LEONARDO S.P.A.: COMPANY OVERVIEW

FIGURE 57 LEONARDO S.P.A.: COMPANY SNAPSHOT

TABLE 213 LEONARDO S.P.A.: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 214 LEONARDO S.P.A.: DEALS

14.1.8 IAI

TABLE 215 IAI: COMPANY OVERVIEW

FIGURE 58 IAI: COMPANY SNAPSHOT

TABLE 216 IAI: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 217 IAI: DEALS

14.1.9 KYOCERA CORPORATION

TABLE 218 KYOCERA CORPORATION: COMPANY OVERVIEW

FIGURE 59 KYOCERA CORPORATION: COMPANY SNAPSHOT

TABLE 219 KYOCERA CORPORATION: PRODUCTS/SOLUTIONS/SERVICES OFFERED

14.1.10 ANALOG DEVICES, INC.

TABLE 220 ANALOG DEVICES, INC.: COMPANY OVERVIEW

FIGURE 60 ANALOG DEVICES, INC.: COMPANY SNAPSHOT

TABLE 221 ANALOG DEVICES, INC.: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 222 ANALOG DEVICES, INC.: DEALS

14.1.11 TELEDYNE TECHNOLOGIES INCORPORATED

TABLE 223 TELEDYNE TECHNOLOGIES INCORPORATED: COMPANY OVERVIEW

FIGURE 61 TELEDYNE TECHNOLOGIES INCORPORATED: COMPANY SNAPSHOT

TABLE 224 TELEDYNE TECHNOLOGIES INCORPORATED:

PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 225 TELEDYNE TECHNOLOGIES INCORPORATED: OTHERS

14.1.12 QORVO, INC

TABLE 226 QORVO, INC: COMPANY OVERVIEW

FIGURE 62 QORVO, INC: COMPANY SNAPSHOT

TABLE 227 QORVO, INC: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 228 QORVO, INC: PRODUCT LAUNCHES/DEVELOPMENTS

14.1.13 BHARAT ELECTRONICS LIMITED

TABLE 229 BHARAT ELECTRONICS LIMITED: COMPANY OVERVIEW

FIGURE 63 BHARAT ELECTRONICS LIMITED: COMPANY SNAPSHOT

TABLE 230 BHARAT ELECTRONICS LIMITED: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 231 BHARAT ELECTRONICS LIMITED: DEALS

14.1.14 ASELSAN A.S.

TABLE 232 ASELSAN A.S.: COMPANY OVERVIEW

FIGURE 64 ASELSAN A.S.: COMPANY SNAPSHOT

TABLE 233 ASELSAN A.S.: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 234 ASELSAN A.S.: PRODUCT LAUNCHES/DEVELOPMENTS

TABLE 235 ASELSAN A.S.: DEALS

14.1.15 NATIONAL CHUNG-SHAN INSTITUTE OF SCIENCE AND TECHNOLOGY

TABLE 236 NATIONAL CHUNG-SHAN INSTITUTE OF SCIENCE AND TECHNOLOGY: COMPANY OVERVIEW

TABLE 237 NATIONAL CHUNG-SHAN INSTITUTE OF SCIENCE AND TECHNOLOGY: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 238 NATIONAL CHUNG-SHAN INSTITUTE OF SCIENCE AND TECHNOLOGY: OTHERS

14.1.16 MERCURY SYSTEMS, INC.

TABLE 239 MERCURY SYSTEMS, INC.: COMPANY OVERVIEW

FIGURE 65 MERCURY SYSTEMS, INC.: COMPANY SNAPSHOT

TABLE 240 MERCURY SYSTEMS, INC.: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 241 MERCURY SYSTEMS, INC.: PRODUCT LAUNCHES/DEVELOPMENTS

TABLE 242 MERCURY SYSTEMS, INC.: DEALS

14.1.17 KRATOS DEFENSE & SECURITY SOLUTIONS, INC.

TABLE 243 KRATOS DEFENSE & SECURITY SOLUTIONS, INC.: COMPANY OVERVIEW

FIGURE 66 KRATOS DEFENSE & SECURITY SOLUTIONS, INC.: COMPANY SNAPSHOT

TABLE 244 KRATOS DEFENSE & SECURITY SOLUTIONS, INC.: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 245 KRATOS DEFENSE & SECURITY SOLUTIONS, INC.: DEALS

14.1.18 CYIENT

TABLE 246 CYIENT: COMPANY OVERVIEW

FIGURE 67 CYIENT: COMPANY SNAPSHOT

TABLE 247 CYIENT: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 248 CYIENT: PRODUCT LAUNCHES/DEVELOPMENTS

14.1.19 MACOM

TABLE 249 MACOM: COMPANY OVERVIEW

FIGURE 68 MACOM: COMPANY SNAPSHOT

TABLE 250 MACOM: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 251 MACOM: DEALS

14.1.20 SPECTRUM CONTROL, INC.

TABLE 252 SPECTRUM CONTROL, INC.: COMPANY OVERVIEW

TABLE 253 SPECTRUM CONTROL, INC.: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 254 SPECTRUM CONTROL, INC.: PRODUCT LAUNCHES/DEVELOPMENTS

14.1.21 FILTRONIC PLC

TABLE 255 FILTRONIC PLC: COMPANY OVERVIEW

FIGURE 69 FILTRONIC PLC: COMPANY SNAPSHOT

TABLE 256 FILTRONIC PLC: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 257 FILTRONIC PLC: DEALS

14.1.22 NANJING GUOBO ELECTRONICS CO., LTD.

TABLE 258 NANJING GUOBO ELECTRONICS CO., LTD.: COMPANY OVERVIEW

FIGURE 70 NANJING GUOBO ELECTRONICS CO., LTD.: COMPANY SNAPSHOT

TABLE 259 NANJING GUOBO ELECTRONICS CO., LTD.: PRODUCTS/SOLUTIONS/SERVICES OFFERED

*Details on Business Overview, Products Offered, Recent Developments, MnM View, Right to win, Strategic choices made, Weaknesses and competitive threats might not be captured in case of unlisted companies.

14.2 OTHER PLAYERS

14.2.1 IRAY TECHNOLOGY CO., LTD.

TABLE 260 IRAY TECHNOLOGY CO., LTD.: COMPANY OVERVIEW

14.2.2 ASTRA MICROWAVE PRODUCTS LTD.

TABLE 261 ASTRA MICROWAVE PRODUCTS LTD.: COMPANY OVERVIEW

14.2.3 ALPHA DESIGN TECHNOLOGIES PVT LTD

TABLE 262 ALPHA DESIGN TECHNOLOGIES PVT LTD: COMPANY OVERVIEW

14.2.4 AETHERCOMM

TABLE 263 AETHERCOMM: COMPANY OVERVIEW

14.2.5 ANNAPOLIS MICRO SYSTEMS, INC.

TABLE 264 ANNAPOLIS MICRO SYSTEMS, INC.: COMPANY OVERVIEW

14.2.6 MISTRAL SOLUTIONS PVT. LTD.

TABLE 265 MISTRAL SOLUTIONS PVT. LTD.: COMPANY OVERVIEW

14.2.7 JARIET TECHNOLOGIES, INC.

TABLE 266 JARIET TECHNOLOGIES, INC.: COMPANY OVERVIEW

14.2.8 RF-LAMBDA

TABLE 267 RF-LAMBDA: COMPANY OVERVIEW

14.2.9 SRC, INC.

TABLE 268 SRC, INC.: COMPANY OVERVIEW

14.2.10 ALTUM RF

TABLE 269 ALTUM RF: COMPANY OVERVIEW

15 APPENDIX

15.1 DISCUSSION GUIDE

15.2 KNOWLEDGESTORE: MARKETSANDMARKETS' SUBSCRIPTION PORTAL

15.3 CUSTOMIZATION OPTIONS

15.4 RELATED REPORTS

15.5 AUTHOR DETAILS

I would like to order

Product name: Military Transmit and Receive Module Market by Type (Gallium Nitride, Gallium Arsenide), Application, Frequency (Single-Band and Multi-Band), Communication Medium (Optical, RF and Hybrid), Platform and Region - Global Forecast to 2028

Product link: <https://marketpublishers.com/r/M6A8589C6502EN.html>

Price: US\$ 4,950.00 (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/M6A8589C6502EN.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