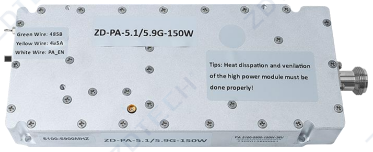
ZD Power Amplifier Module Development

In the fast-paced technological world, the development of power amplifier modules plays a vital components and has been at the forefront of power amplifier module development, constantly pushing the boundaries of innovation and efficiency. Focused on meeting the growing demand for high-quality, high-performance electronic components, ZD has made significant progress in the development of power amplifier modules that set new industry standards.

The development of power amplifier modules is a complex and complex process that requires an in-depth understanding of electronic circuits, signal processing, and power management. ZD invests heavily in research and development to create cutting-edge power amplifier modules that deliver superior performance and reliability. By leveraging the latest advances in semiconductor technology and design methods, ZD's power amplifier modules achieve significant improvements in power efficiency, signal fidelity and thermal management.

10-150W power normal bandwidth amplifier module for UAV/Mobile phone

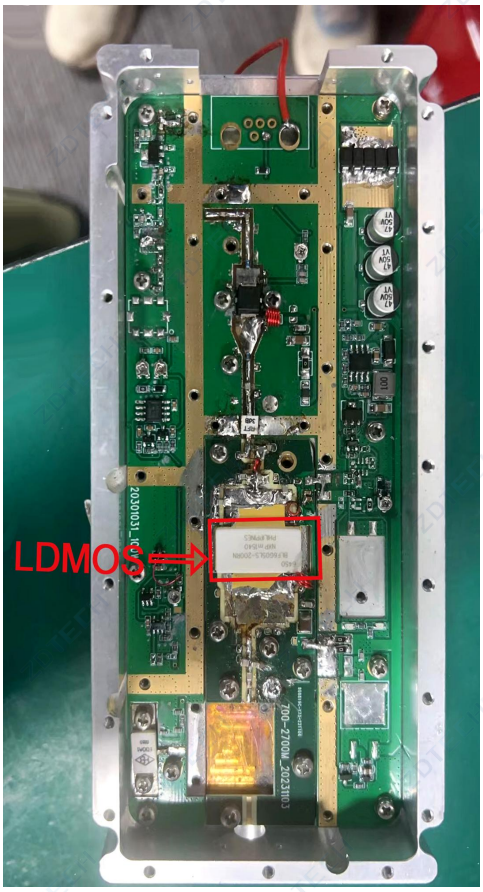


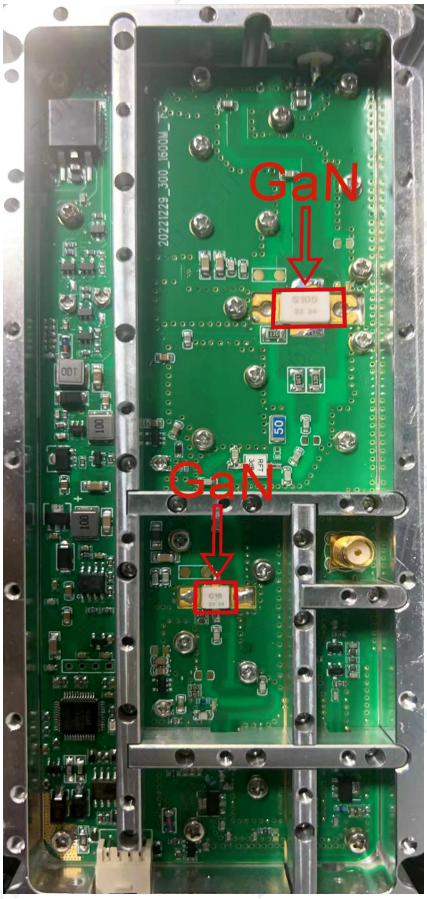
500MHz wide bandwidth power amplifier module with signal source

50W/100W/150W 700-6000MHz ultra wide bandwidth power amplifier + signal source with fan

600-6200MHz ultra wide bandwidth power amplifier+DDS with ALC function

Development for transistor





Transistors have long been the cornerstone of power amplifiers, the basic building blocks for amplifying electrical signals. However, traditional transistor-based amplifiers often face limitations in power handling, efficiency, and linearity.

ZD power amplifier module core technology addresses these challenges by introducing innovative design principles and advanced circuitry, pushing the limits of what transistors can achieve.