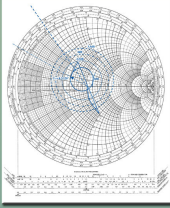


## Impedance Matching

A simplified impedance match can compromise system performance. ZP Wireless offer comprehensive analysis to determine optimum impedance match for maximum output power, minimum noise and improved stability.



## Measurement Services

Vector network analysis (VNA) is among the most essential of RF/microwave measurement. It provides the necessary impedance and return loss information for optimizing the transmitter and receiver with the connector, cable and load therefore, improving system performance.



*"ZP Wireless is your one stop for design, optimization, prototyping and production solutions."*

## Additional Services Available

- Antenna
  - Design
  - Modeling
  - Optimization
  - Prototyping
  - Production Solutions
- PCB Design
- Noise Reduction
- Emissions Testing
- Automated Test Systems

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## RF and Microwave Filters & Connectors

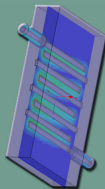
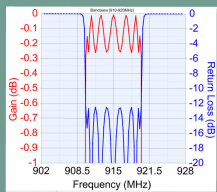


## Filter Design

ZP Wireless provides board level and connectorized custom filter solutions. Insertion loss and out of band noise is minimized by optimizing the filter for a specific application.

## Filter Modeling & Optimization

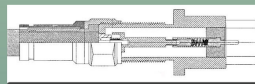
ZP Wireless uses RF and Microwave Computer-aided design (CAD) and 3D Electromagnetic modeling software for accurate results, rapid development and seamless filter integration.



## Connector Design

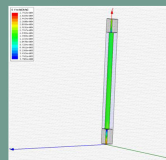
ZP Wireless provides a broad range of cost effective custom connector solutions which can be optimized for customer specific requirements or environmental constraints.

- Non-standard impedance, connection, length or mounting.
- Hermetically sealed
- Integrated switching



## Connector Modeling & Optimization

ZP Wireless uses RF and Microwave Computer-aided design (CAD) and 3D Electromagnetic modeling software for accurate results and rapid development of custom connectors.



## Prototyping & Production Solutions

ZP Wireless offers complete prototype production services. No quantity too small or too large. NRE charges waived for most high volume production contracts.



[www.ZPwireless.com](http://www.ZPwireless.com)