

# Antenna Design Services Capability

WiWo Tech Systems Pvt Ltd

## Company Profile

- WiWoTech Systems Private Ltd is an Engineering design services company located in Bangalore
- WiWoTech supports Engineering design services in the areas of RF design, Antenna design, IC and SIP Package design, PCB design, RF and Antenna testing, EM CAD tool based simulations that include SI analysis, PI analysis, EMI/EMC analysis
- Servicing industries include Consumer Electronics, Defence, Medical, Avionics, Tele-Communication, Industrial
- Our esteemed clients list include PayPal, Marvell, Ineda, Rangson, Kaynes
- Our vision is to be your first choice partner in RF/Electronic design, Antenna design, IC Package/SIP design and prototyping services

# Servicing Industries



Consumer Electronics



Telecommunication



Defense



Industrial



Medical



Avionics

# Antenna Design Capability

Low profile wireless antenna

High gain antenna

Wide band antenna

MIMO antenna

Chip antenna

Phased array antenna

Array antenna

Multi band antenna

Base station antenna

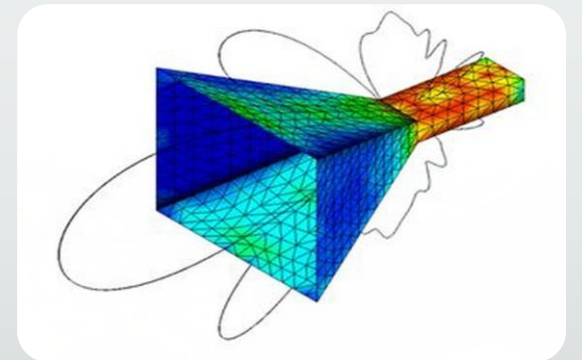
Beam forming antenna

Diversity antenna

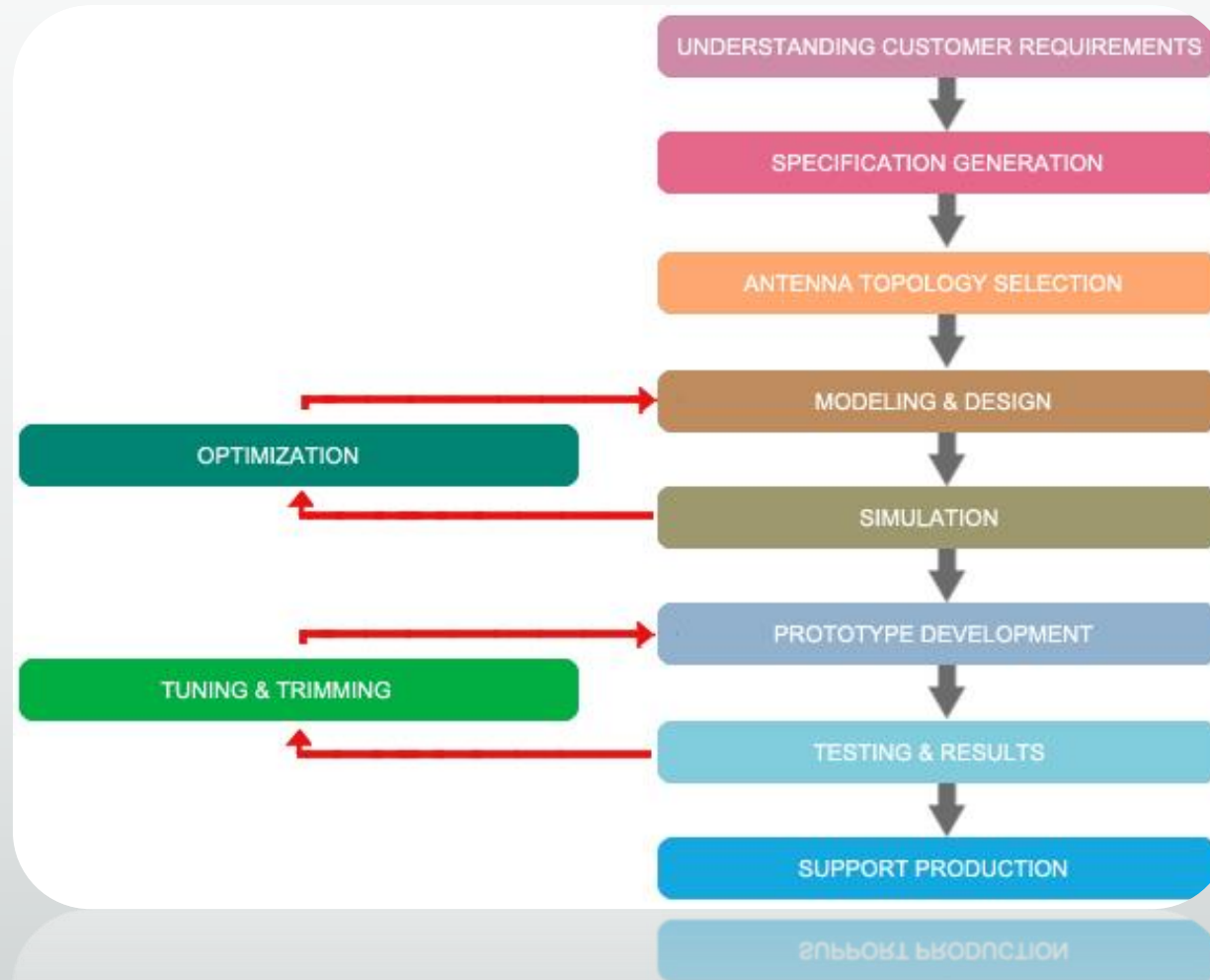
Active antenna

# Antenna Design Capability

- WiWoTech Systems Private Ltd offers unique design solution to all your antenna requirements right from concept study to the stage of implementation and testing of antenna in real time
- WiWo Tech can design and develop antenna up to 12GHz frequency range
- WiWo Tech has the capability to design low profile wireless antennas for most of the wireless technologies like Wi-Fi,Bluetooth,RFID,GPS,NFC,3G/4G,Zigbee
- WiWo Tech has the capability to study the effect of PCB layout,components, Enclosures on antenna performance metric and can also suggest proper placement of antenna on PCB board by carrying out placement analysis
- WiWo Tech has the expertise in tuning antennas to the required frequency of operation
- WiWoTech has expert engineers trained in popular antenna simulation CAD tools like CST Microwave studio/HFSS
- WiWo Tech can design wide range of antennas including array antenna, wide band antenna,multi band antenna, active antenna, high gain antenna,MIMO antenna



# Antenna Design Flow



## Antenna Design Services Offered

Antenna design

Antenna modelling and simulation

Antenna placement analysis

Analysis of PCB Board effect

Analysis of Enclosure effect

Antenna tuning

## Why WiWo Tech

- Competitive market rates
- Experienced engineering team with rich expertise in having carried out multiple antenna designs ,simulation based analysis of antenna placement on PCB board, effect on enclosure on antenna performance,effect of PCB board on antenna performance
- Guaranteed customer satisfaction
- Requirements met on time with high quality of work
- Expertise in various antenna simulation tools like CST,HFSS
- Flexible business models
- Complete documentation package of work carried out







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