

wireless redefined

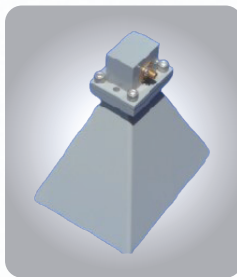
**THIAGARAJAR TELEKOM
SOLUTIONS (P) LIMITED**

www.ttslindia.com

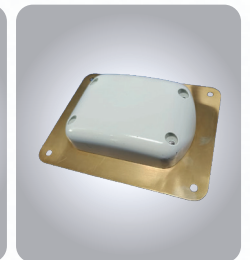
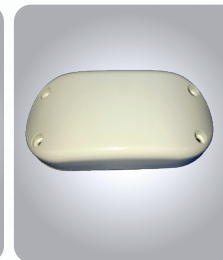
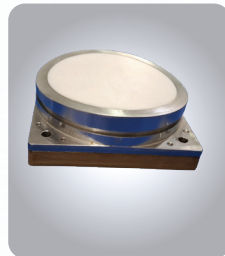
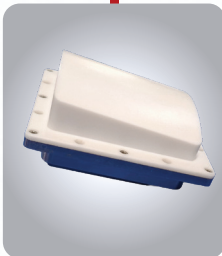
TTSL is an ISO 9001:2015 certified research driven wireless design company, incubated out of 25 years rich R&D experience in the field of RF/Microwaves in the TIFAC-CORE at Thiagarajar College of Engineering, Madurai. We are Specializes in the state of art design and manufacturing of Antennas, RF Components and RF sub-systems for a wide range of current and emergent wireless applications in the field of Aerospace, Defense, Telecom, Vehicular Tracking, Satellite Tracking, Airborne application, etc.

TECHNICAL EXPERTISE

We have designed and developed a wide variety of antennas in the frequency range from HF, VHF, UHF, microwave, millimetre wave.

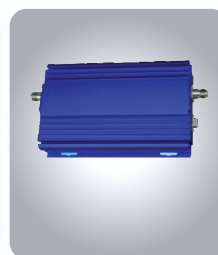
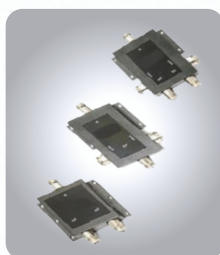
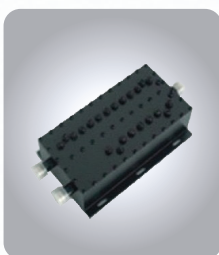
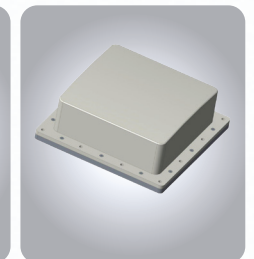
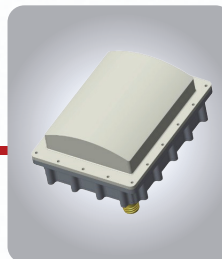


GNSS Antenna-Missile Application



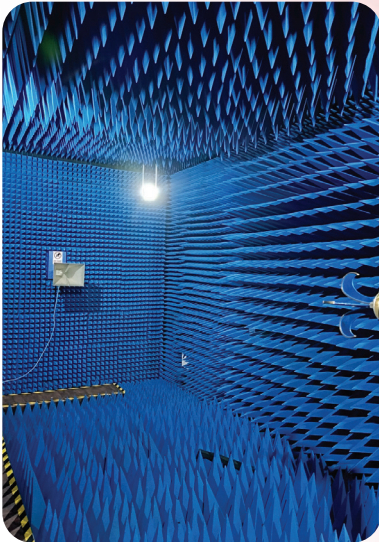
GNSS antenna Airborne application

GNSS Anti-Jamming Solutions



RF Components

TESTING AND VALIDATION



Indoor Far Field Test Facility

- Anechoic chamber frequency range from 100 MHz to 20GHz
- Vector Network Analyzer upto 20GHz
- Spectrum Analyzer upto 26GHz
- Noise figure Analyzer upto 18 GHz
- Signal Generator upto 20GHz

Climatic Thermal Chamber

- Internal Dimension: 1000 X 1000 X 1000 mm
- Temperature : -55 °C to 180 °C
- Humidity: 30% to 97% RH



Electrodynamic Vibrational Shaker

- System Capacity- 1000 kgf.
- Armature Diameter: 400 mm

Combined Altitude Humidity Test Chamber

- Internal Dimension: 800 x 850 x 900 mm
- Temperature: - 70°C to 180°C
- Altitude: 10m Bar
- Humidity: 10% to 95% RH



Industry Focus

We mainly focus on the development of indigenous products to meet the global standards in aerospace and defense industries. In addition, we provide innovative Antennas and RF solutions based on the customer needs.

Clients



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