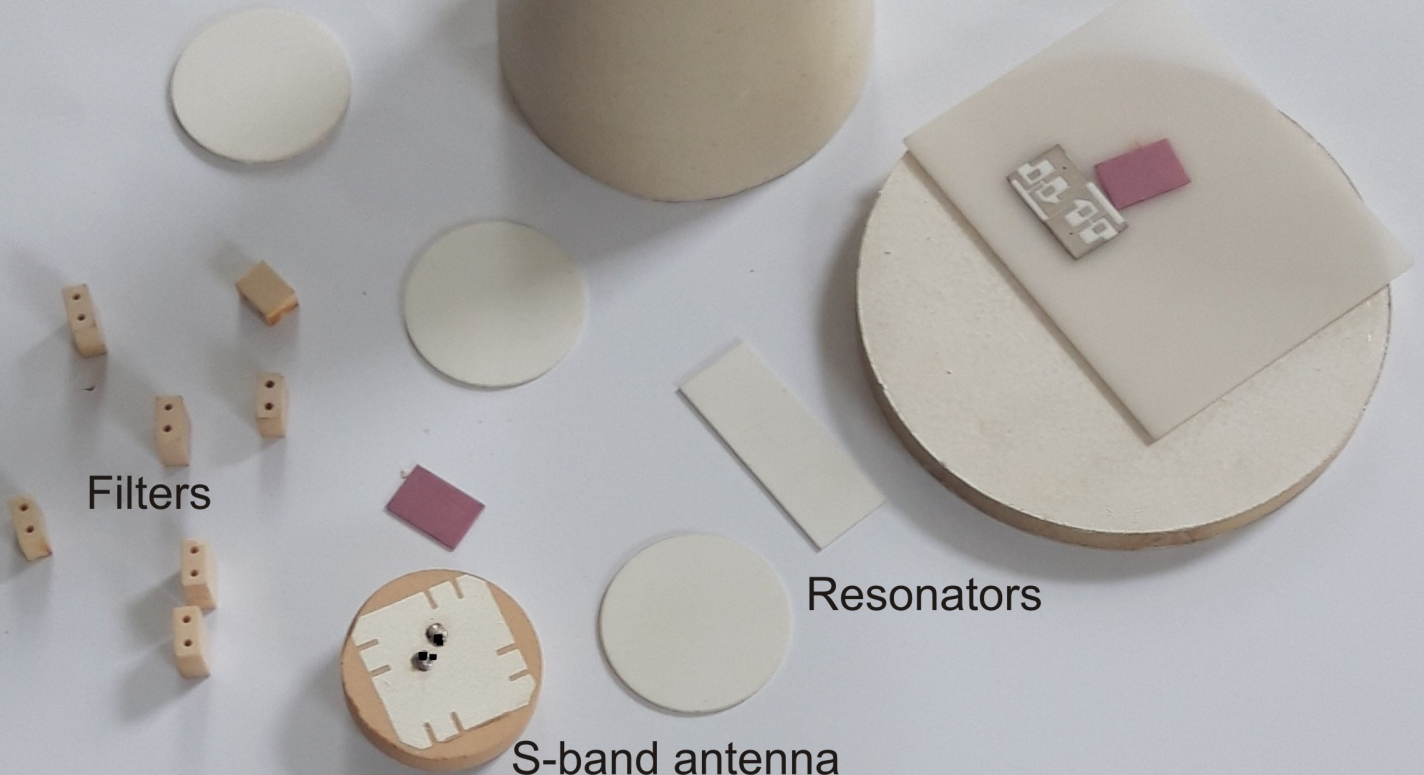




CERAMICS



Radome



Filters

Resonators

S-band antenna

Modeling of parameters, design of documentation and technology of production of experimental and serial samples of ceramic products of various function:

- antennas**
- filters**
- resonators**
- details of a difficult form including radio-transparent heat-resistant radoms.**

Control of the value of the dielectric constant of ceramics (from 4 to 34), optimization of temperature stability and tangent of the loss angle, taking into account the bandwidth and quality factor.

Operating temperature range for radoms from minus 70°C to plus 1000°C, resistance to mechanical loads - up to 30 kg / cm².

Operating frequency range from 400 MHz to 6500 MHz.

Number of links filters in modeling and manufacturing to 5.

The modeling of antenna parameters takes into account the influence of the dimensions of the installation object on the pattern. Developed samples are optimized for application objects. Developments are carried out according to technical requirements of the Customer.

Technology transfer is possible.