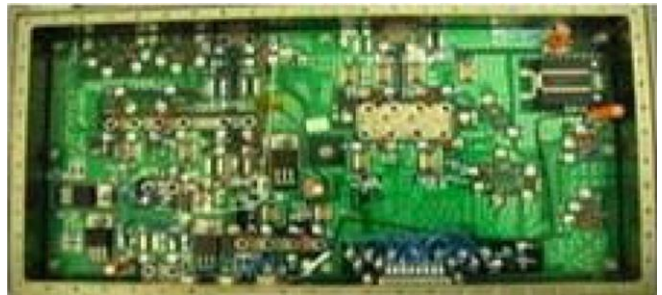
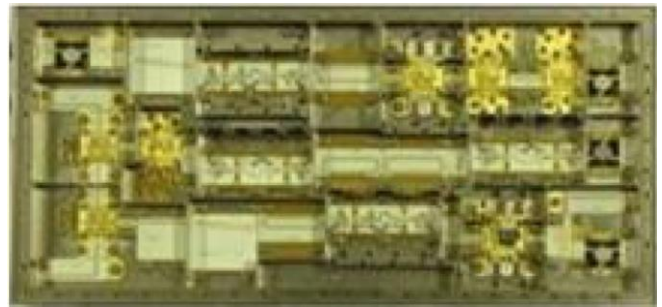


C Band Active Radar Calibrator

SAC has developed a C band active radar calibrator for calibration of microwave imaging sensors. It is a ground based equipment developed indigenously.



ISRO offers to license this technology of Active Radar Calibrator to industries with adequate experience and facilities. Enterprises interested in obtaining knowhow may write giving details of their present activities, infrastructure and facilities to us.



Features:

- Can calibrate individual Like and Cross-Polarised C-band SAR Channels; W, HH, VH, HV & Circular Polarisation using two ARC Rxs.
- Dual Polarized broadband (7%) multilayer microstrip antenna of 23 dB gain and cross polarization better than -40 dB.
- Antenna protected by radome using inverted patch.
- Receiver Input Signal range: -25 to -60 dBm, Max Tx signal: +20 dBm.
- Each Channel contains Selectable Gain with Digital control (Step: 1dB) & 6bit Digital Phase Control in steps of 5.625 deg.

Technology Transfer from ISRO

ISRO is willing to offer the knowhow of this technology to suitable entrepreneurs / industries in India. Capable manufacturing industries interested in acquiring this knowhow may write with details of their present activities, requirements and plans for implementation, infrastructure and technical expertise available with them, their own market assessment, if any, and plans for diversification to the address given below: