

Tunable phase shifter on a flexible substrate

Background

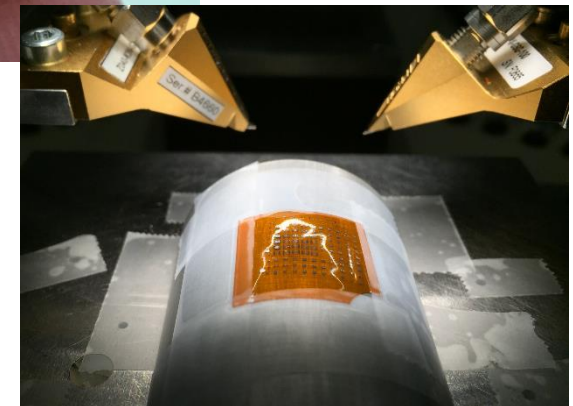
Flexible electronics become popular recently due to many applications such as wearable electronic devices. Graphene is a suitable material for high frequency flexible electronics because of its high mobility and mechanical property. Hence, in this these a tunable phase shifter which is a common component in many transceivers will be studied, designed and implemented using our in-house graphene technology.

Tasks

Study and design a tunable phase shifter using graphene flexible technology.

The tasks may involve :

- Paper survey
- Design
- Layout and EM simulation



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