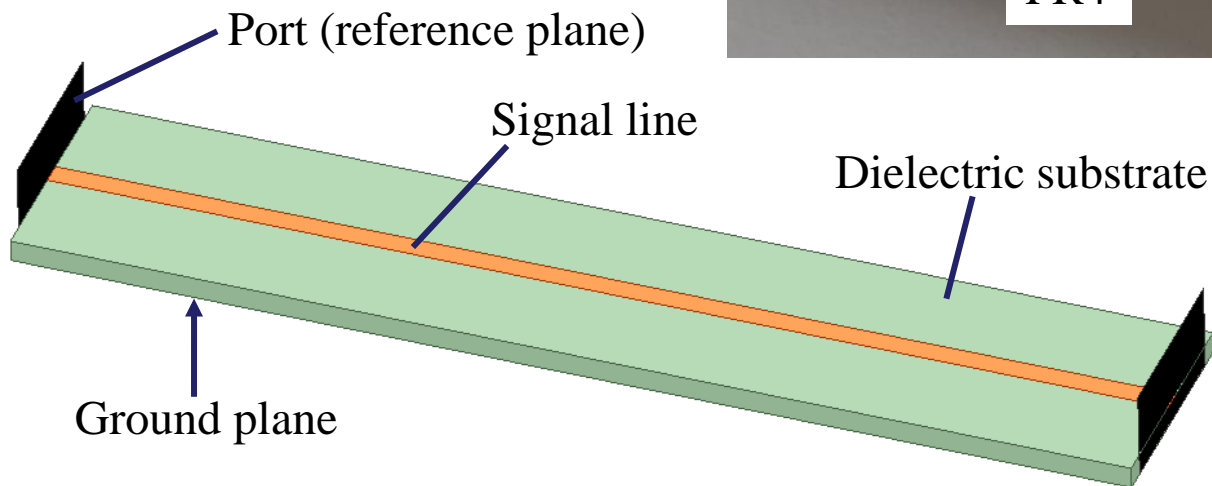
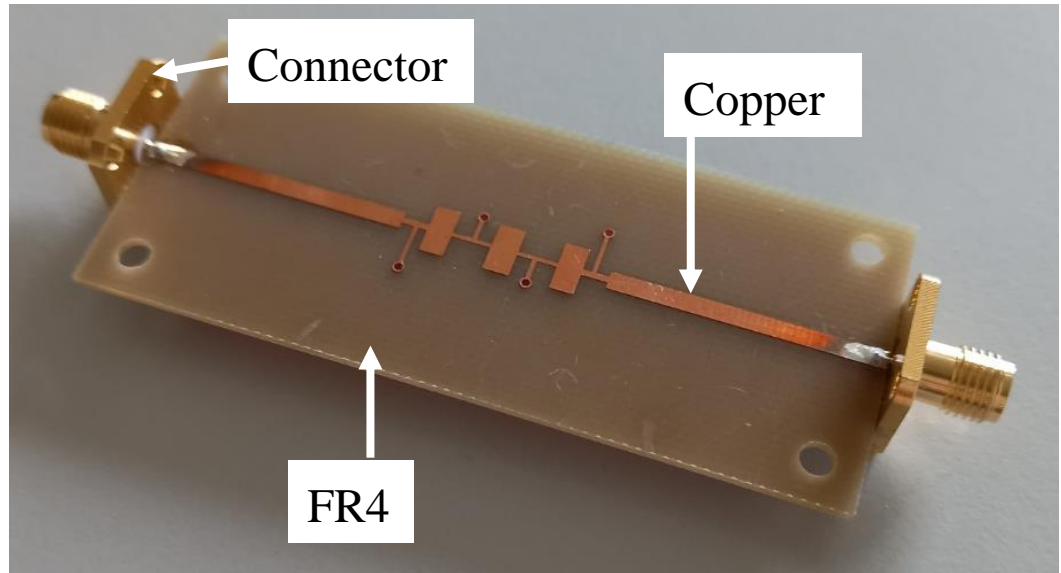


무선 회로 설계

2021학년도 1학기

Microstrip 전송 선로 형태



Boundary, Material, Excitation Set up.

Assign excitation → Wave port →

Renormalize all modes → Full port impedance : XX Ohms

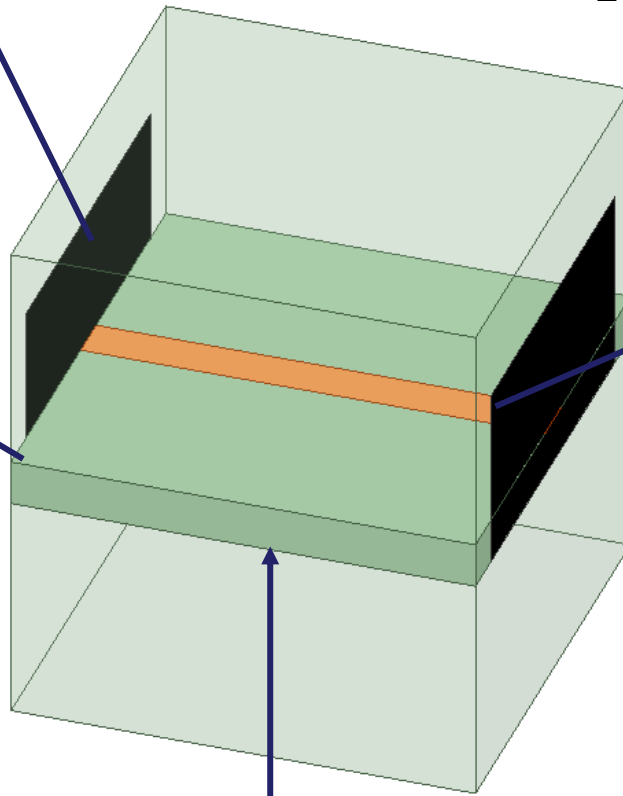
1. Assign material → Vacuum

2. Assign boundary → Radiation

Assign material → FR4 Epoxy

Assign boundary → Copper

Assign boundary → Copper



Analysis and Result Setup.

◆ Frequency sweep setup

Analysis → Add solution setup → Frequency : XX GHz

Setup → Add frequency sweep → Sweep type : Fast → Start : XX GHz
End : XX GHz

◆ S-parameter plot

Result → Create model solution ~ → Rectangular plot → Phase : *ang_deg*
Magnitude(dB) : *dB*