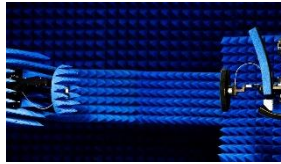
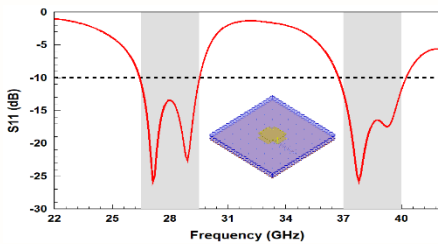


Propagation & Communication System Lab

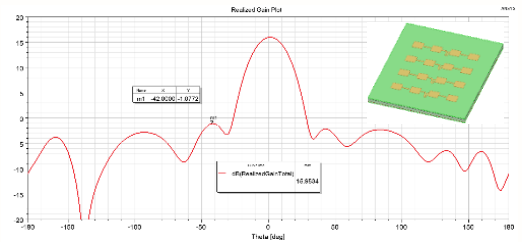
Main Research

➤ Antenna-in-Package (Aip)

◆ 28 / 39 GHz mmWave Antenna

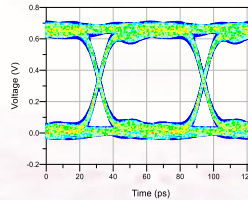
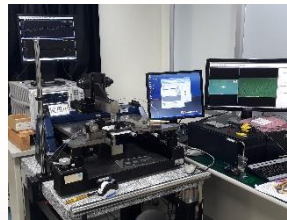
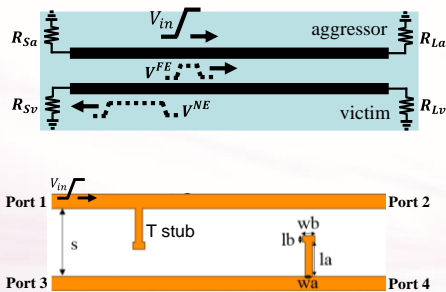


◆ 77 GHz Automotive Radar Antenna

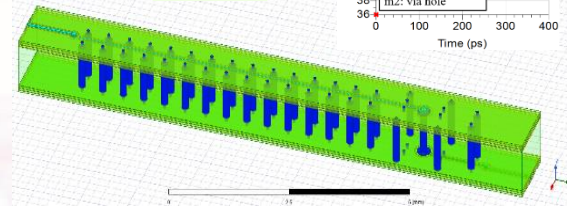
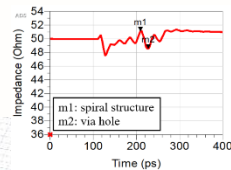
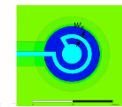


➤ Signal Integrity (SI)

◆ T-stub Crosstalk Reduction

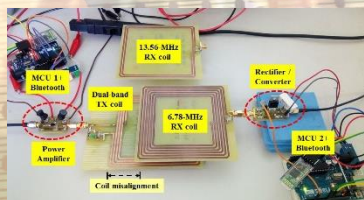
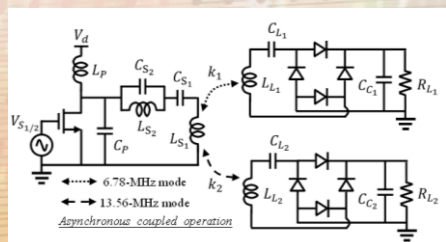
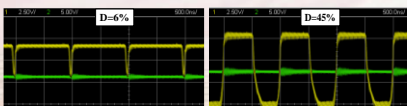


◆ Build-up Spiral Via

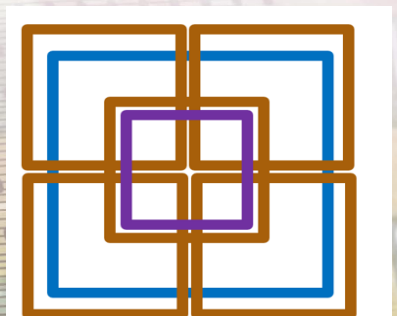


➤ Wireless Power Transfer (WPT)

◆ Dual-band WPT System



◆ Electric Scooter WPT System



Blue coil : TX coil
Brown coils : repeater array
Purple coil : RX coil