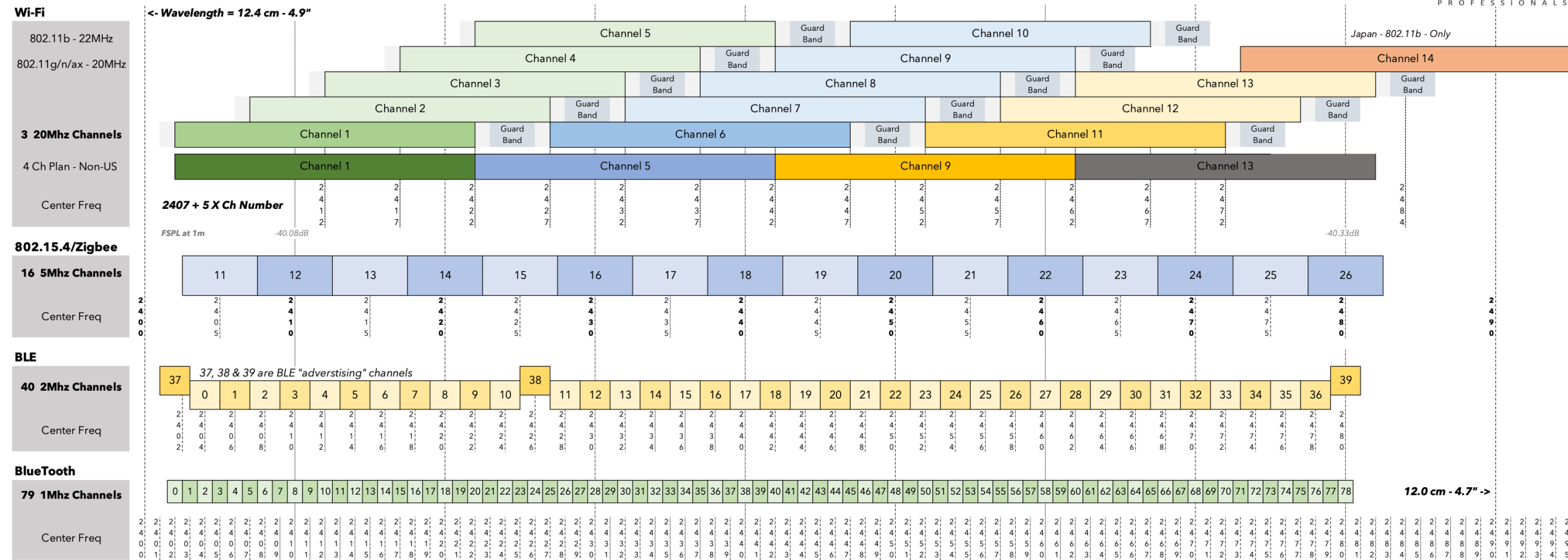


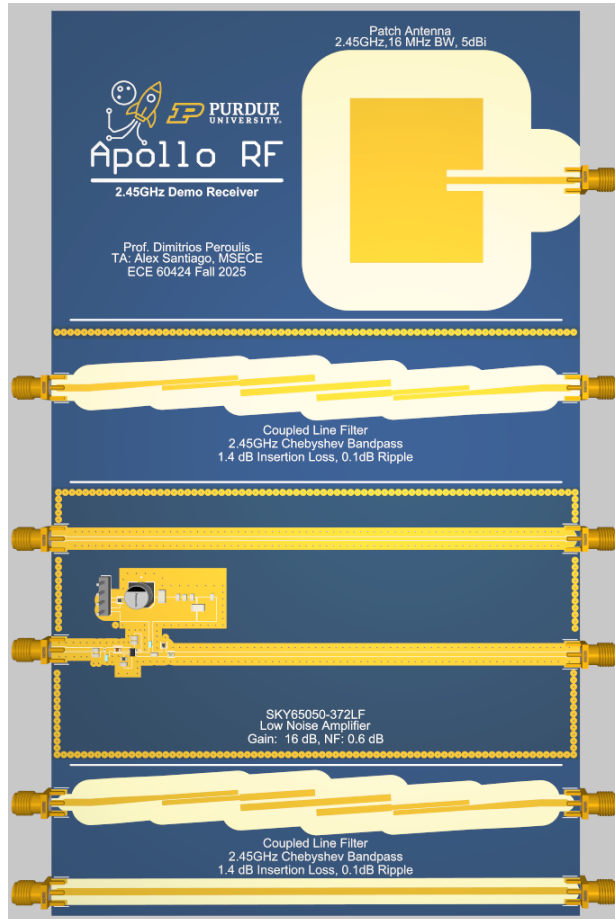
# Apollo RF

2.45 GHz Demo Receiver Front End

# 2.4GHz Unlicensed Spectrum



# Design



Patch Antenna

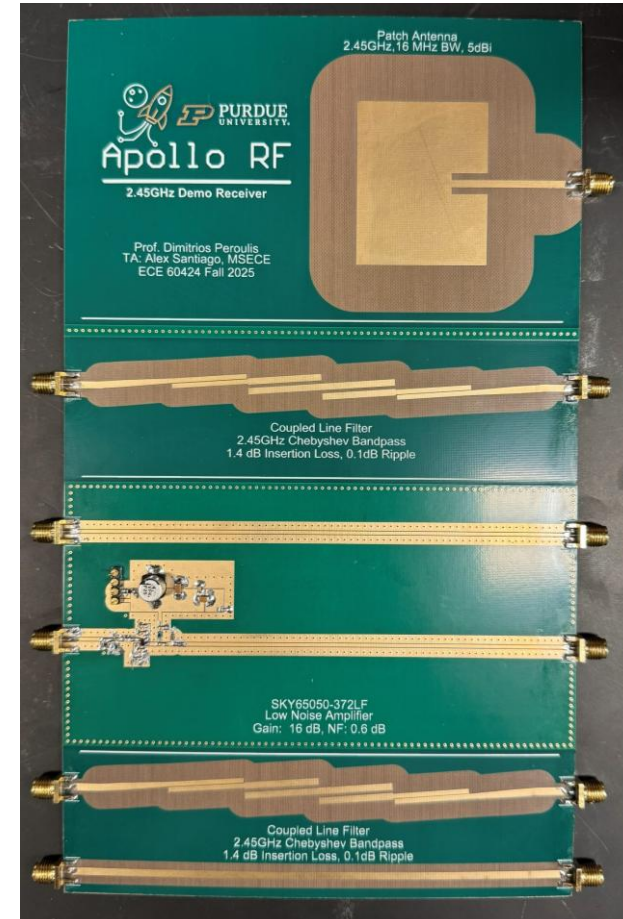
Filter

CPWG Line

LNA

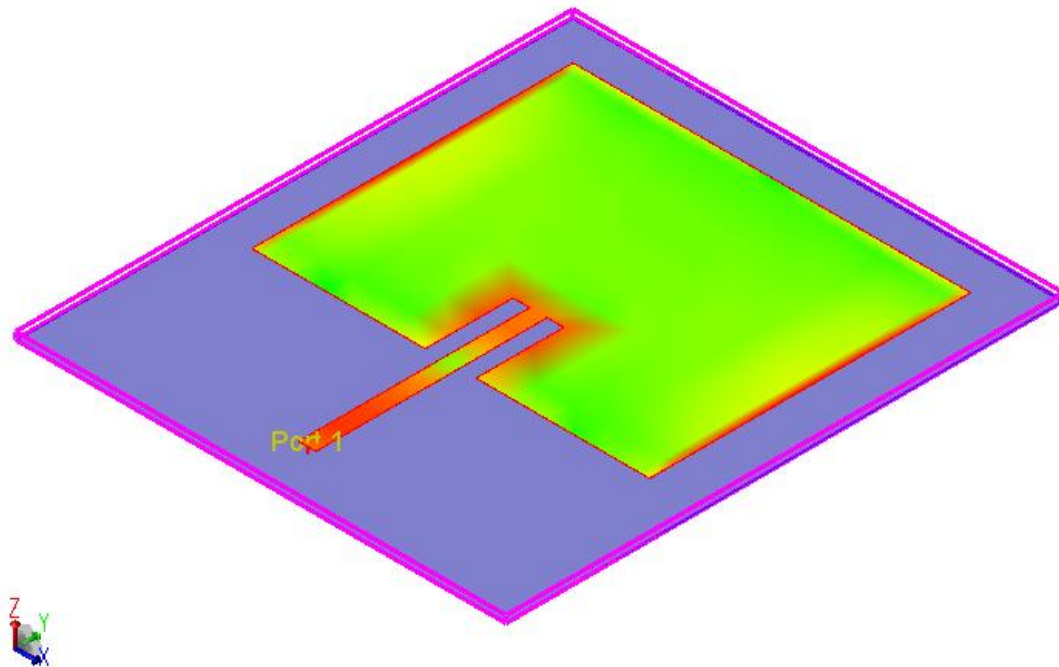
Filter

Microstrip

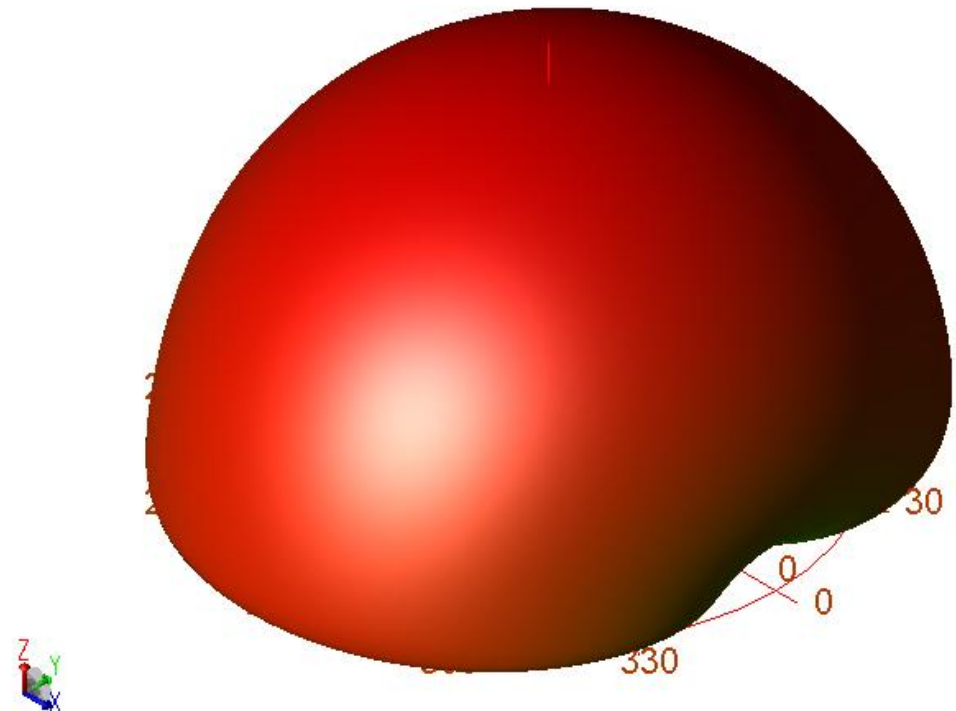
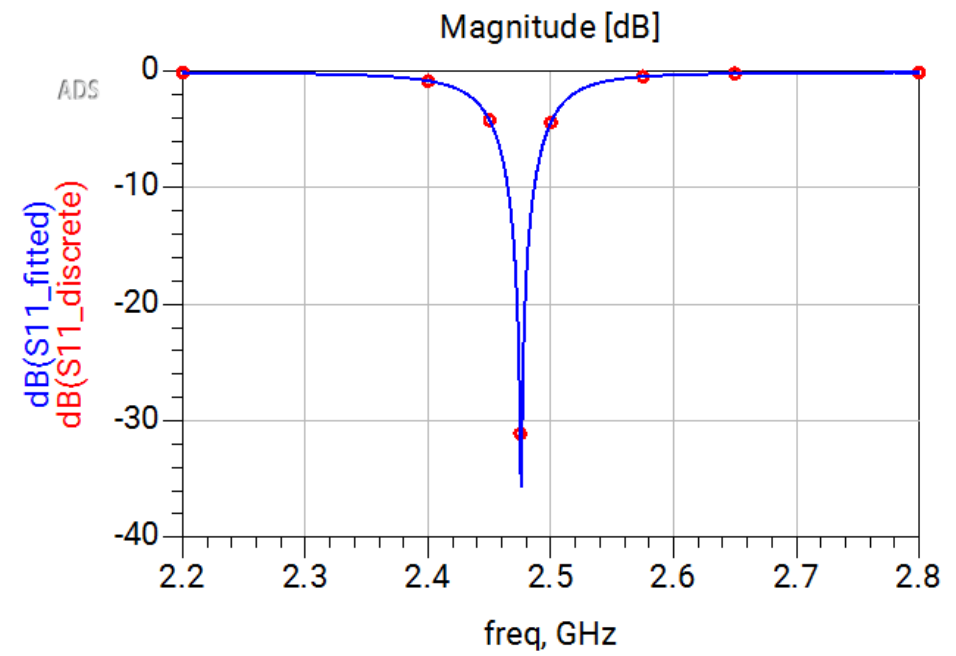


# Simulations

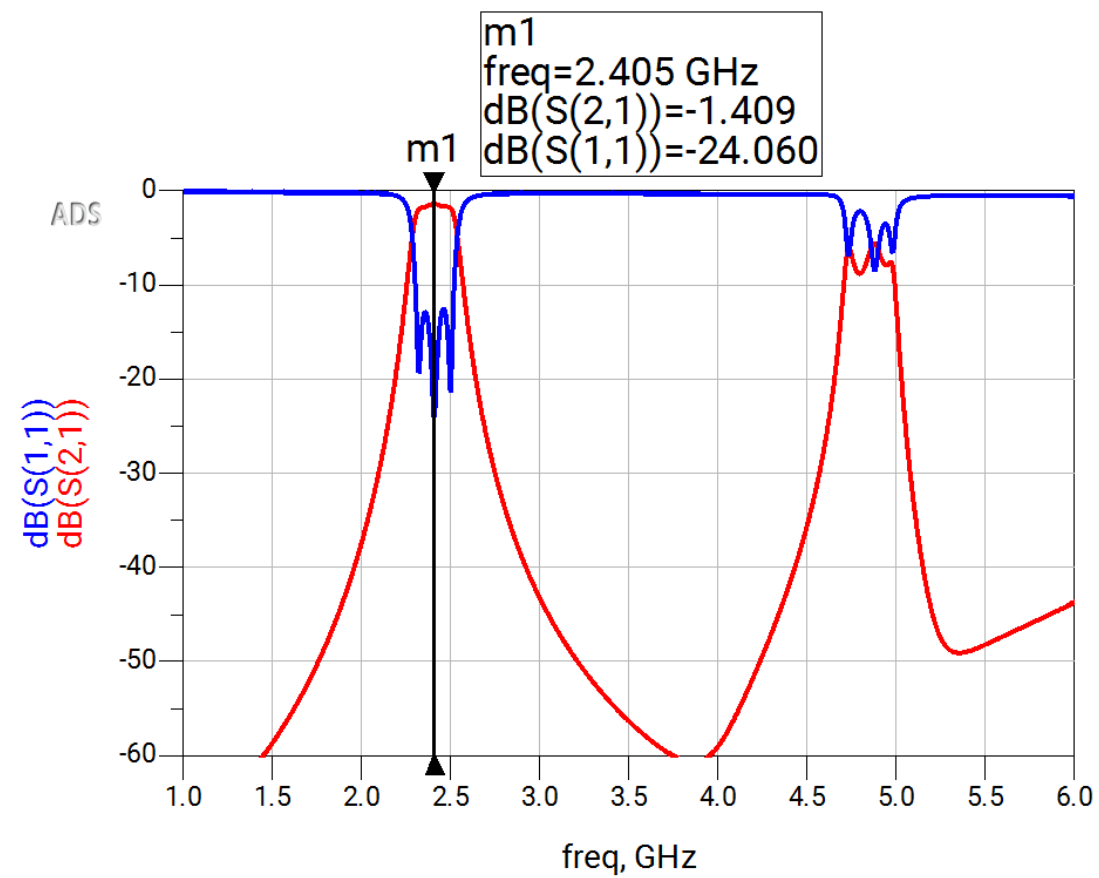
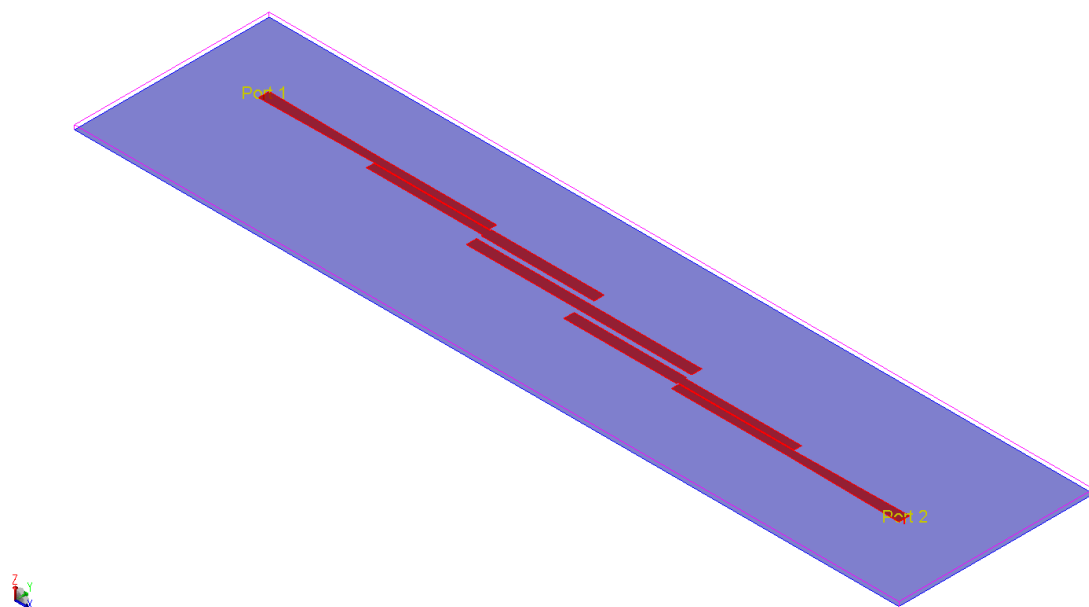
# Patch Antenna



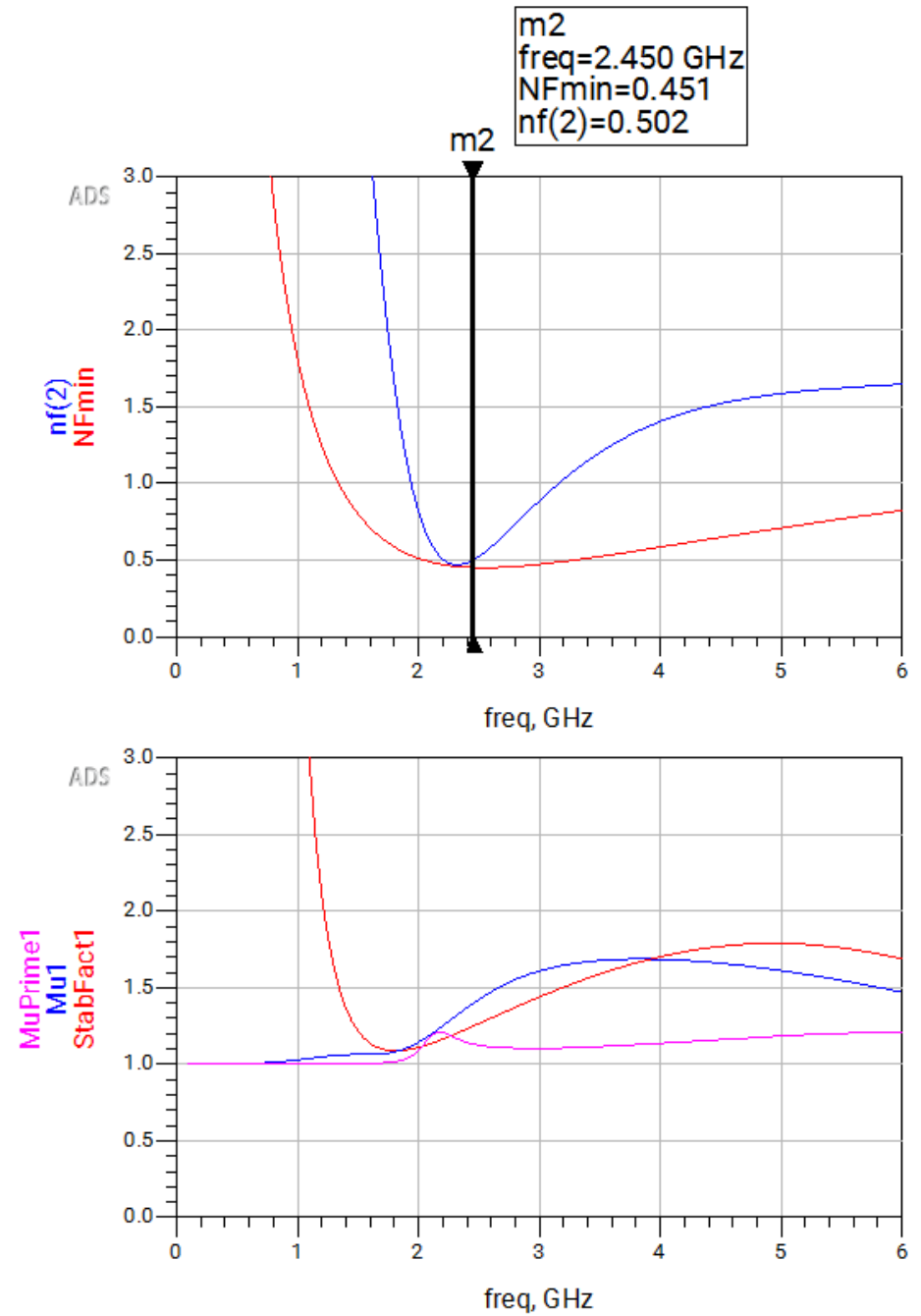
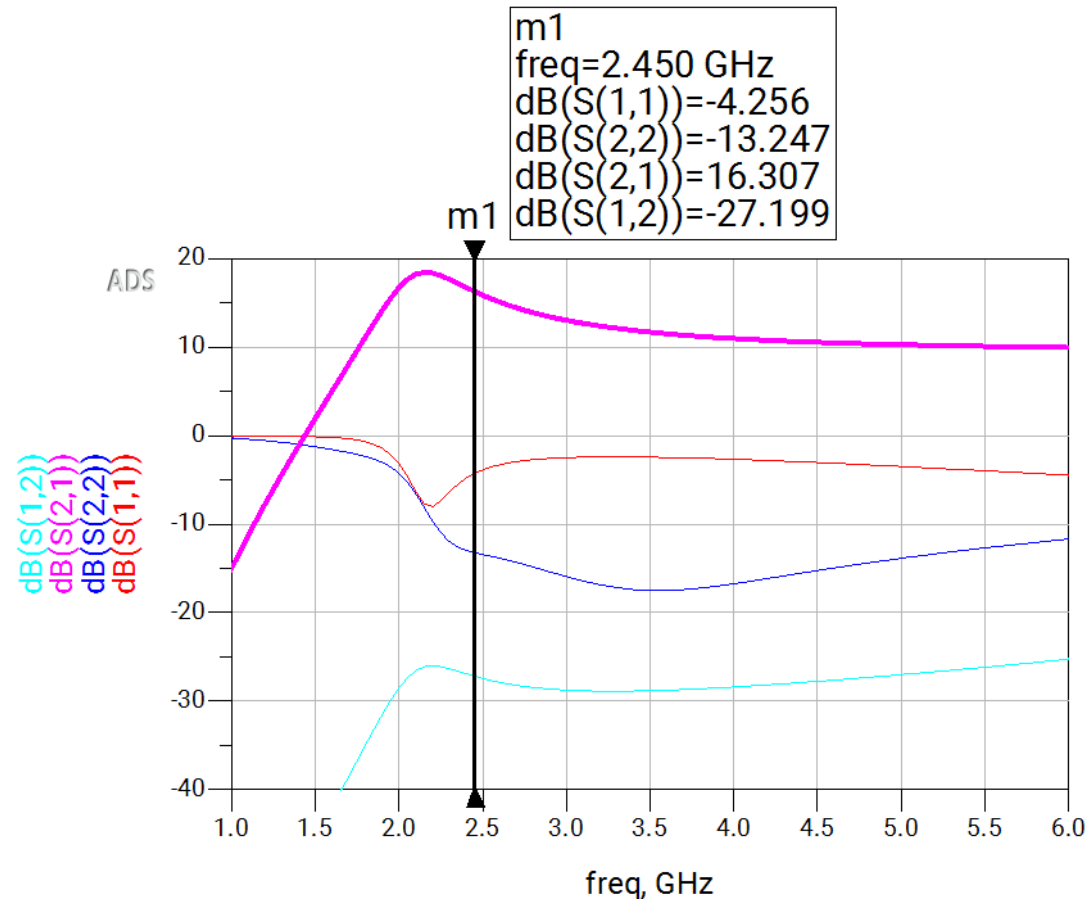
5 dBi Gain



# Filter



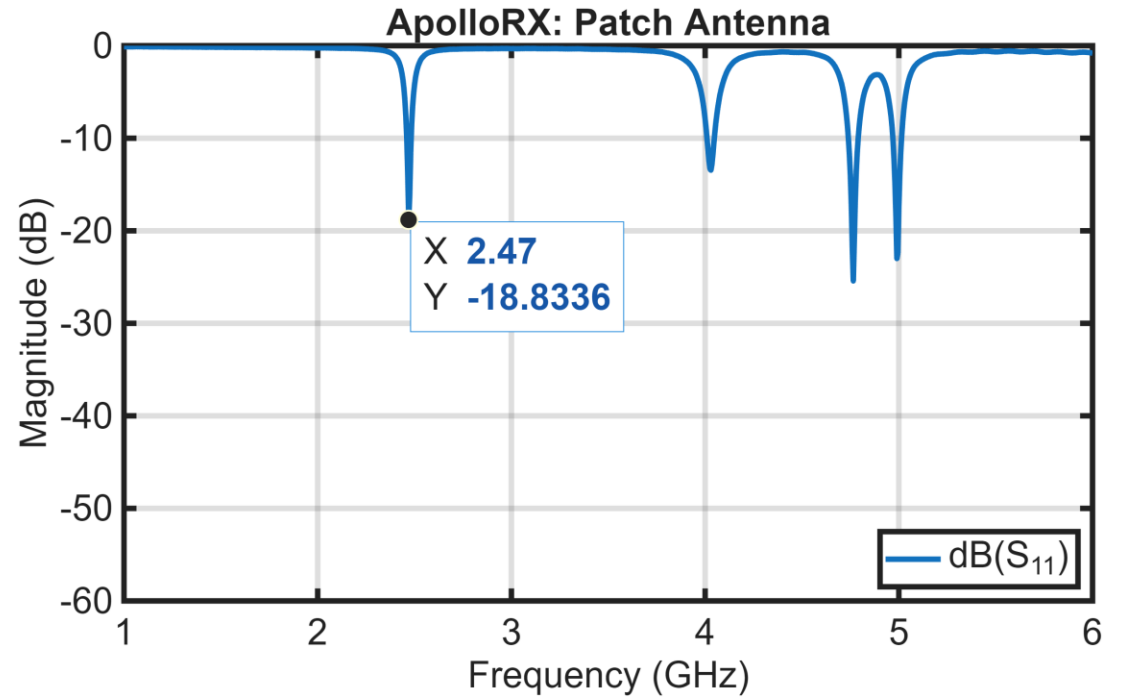
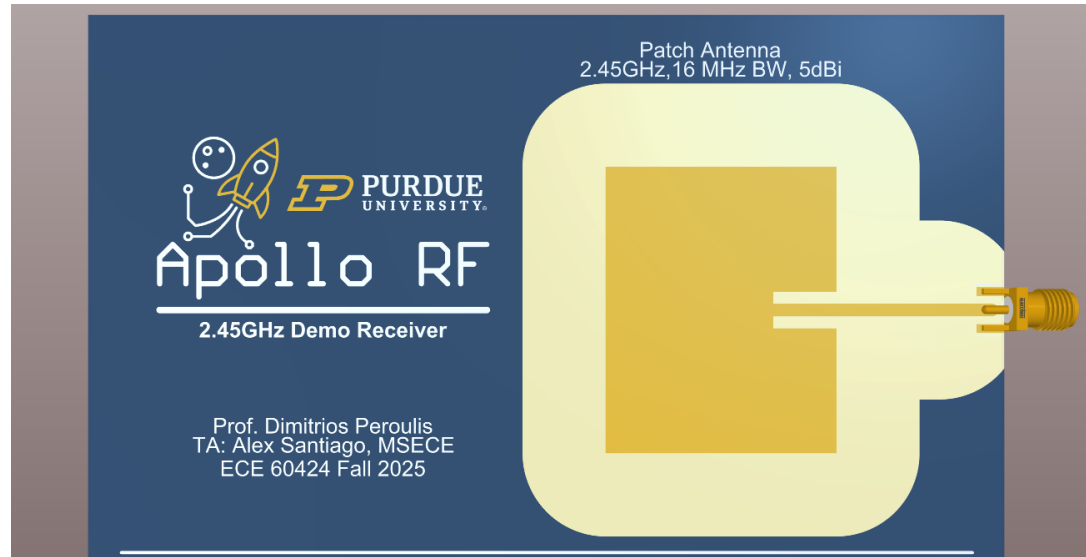
# LNA



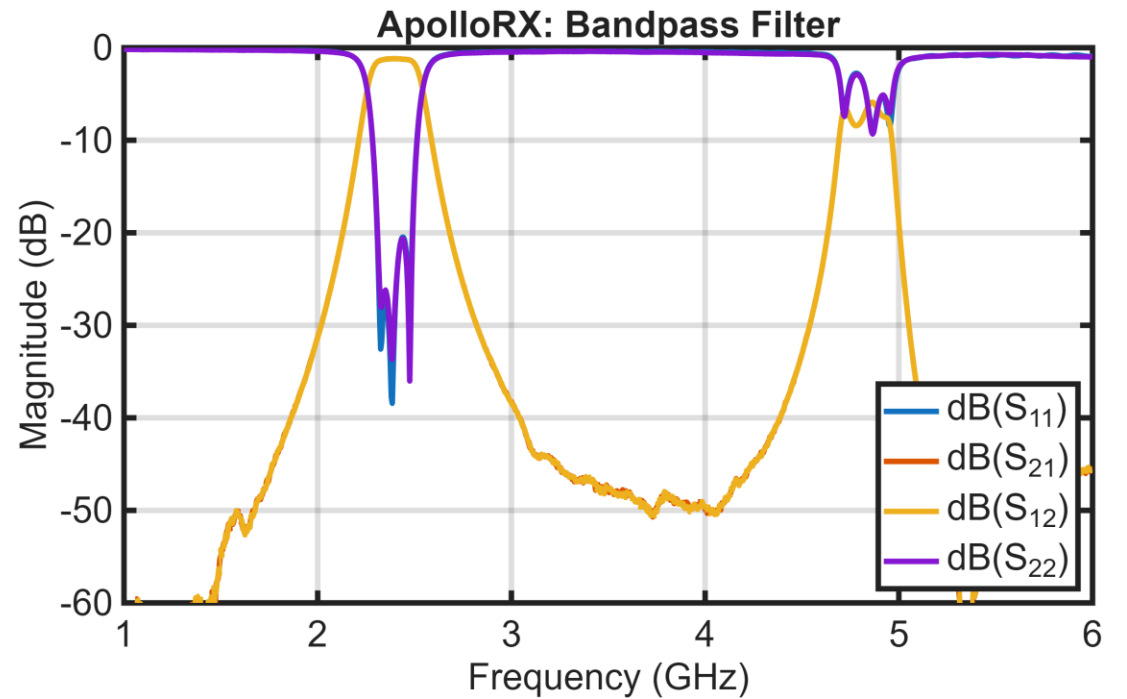
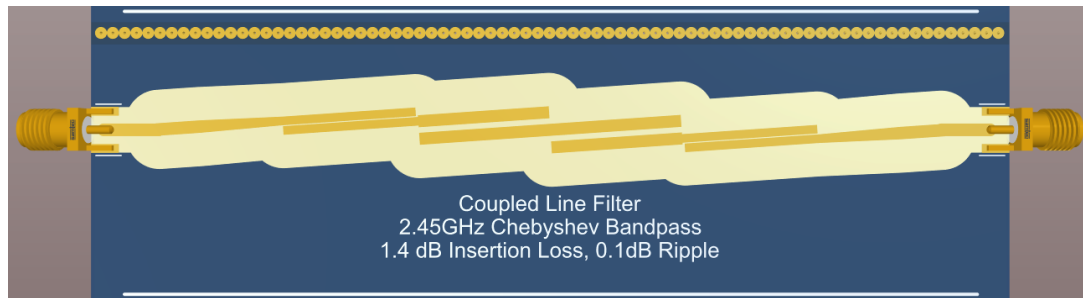
# Measurements



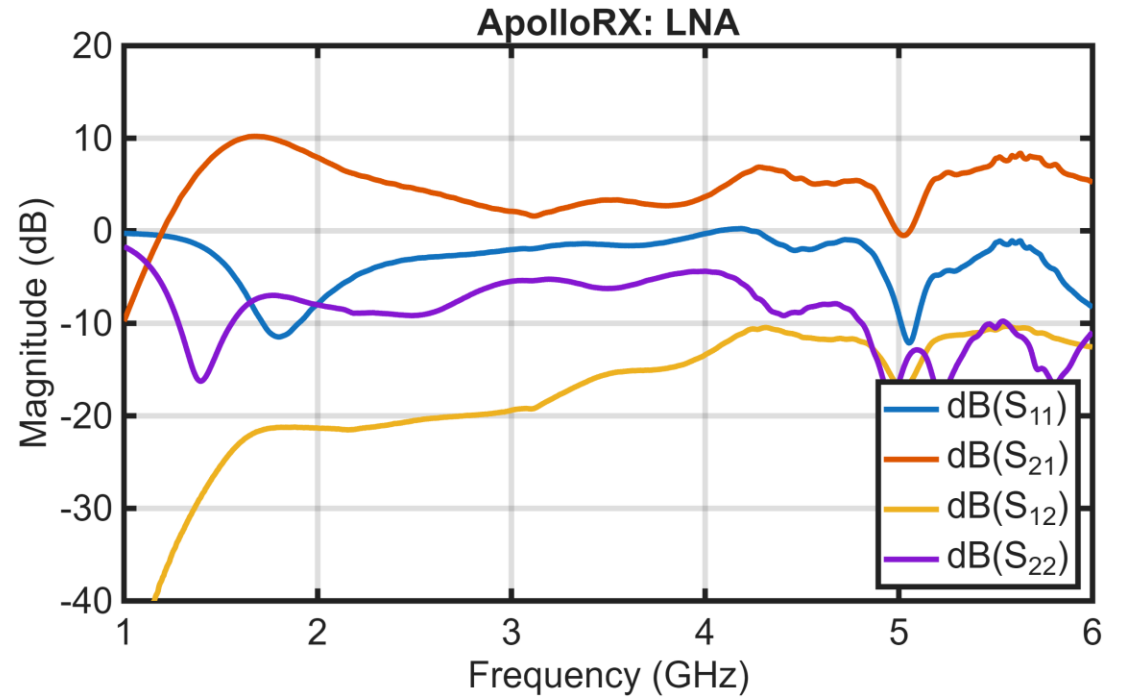
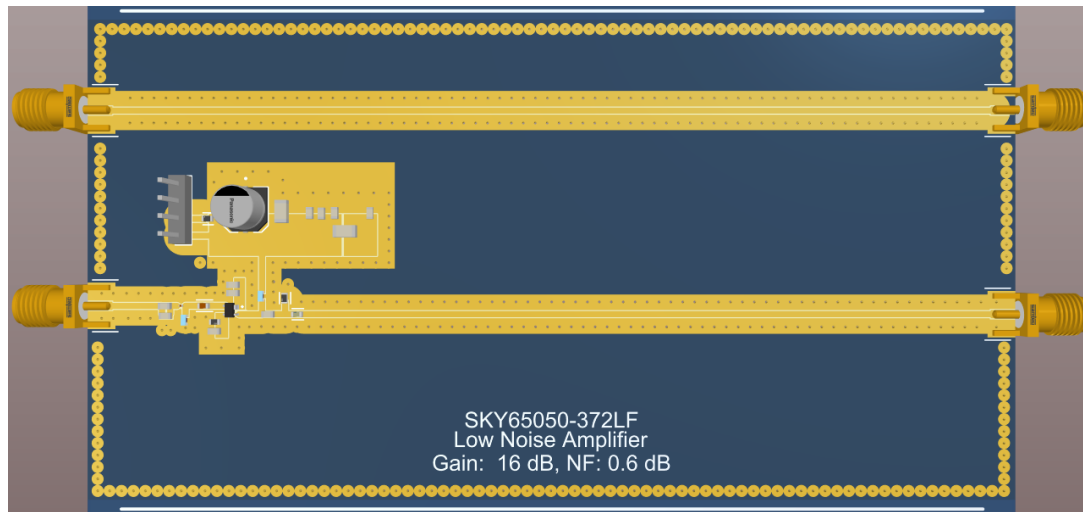
# Patch Antenna



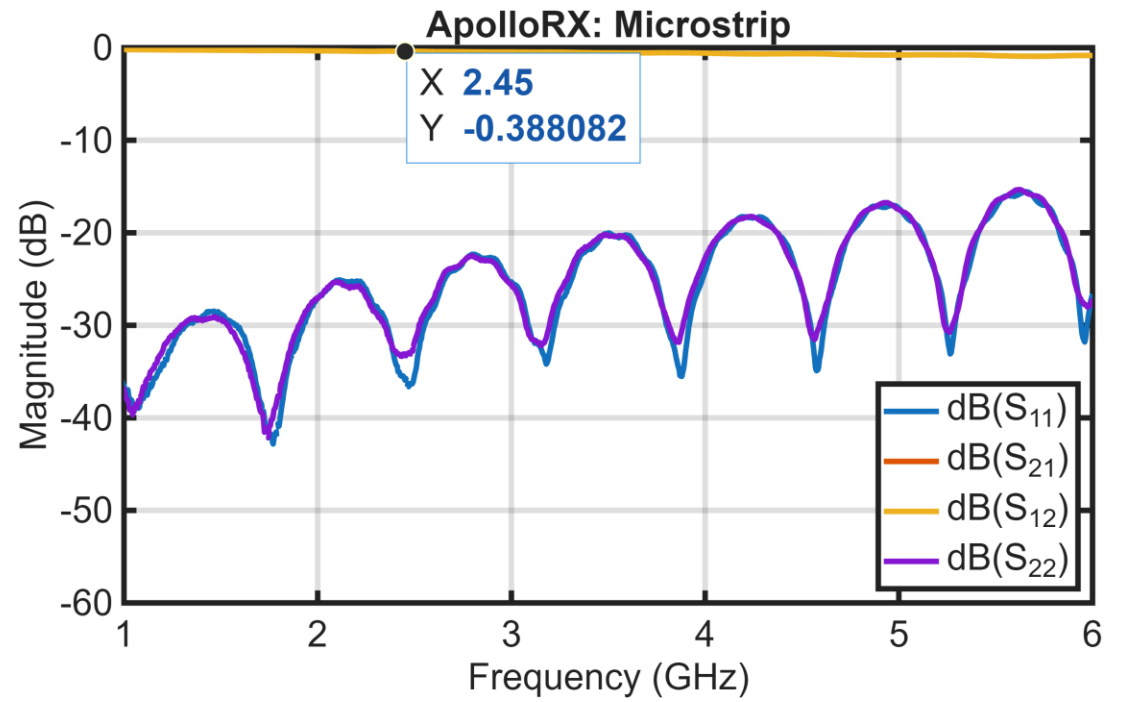
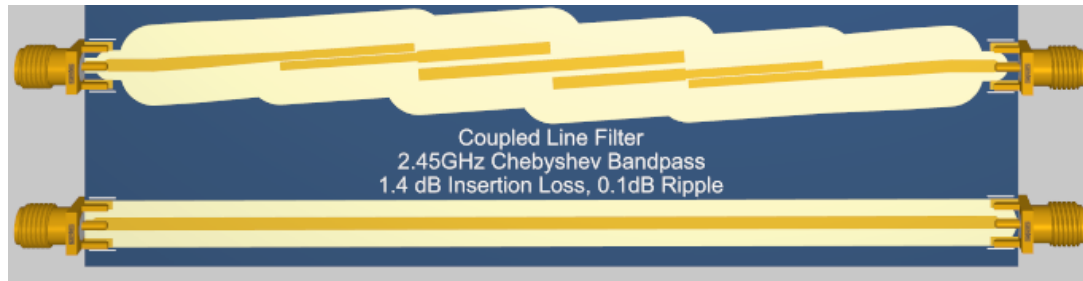
# Coupled Lines Bandpass Chebyshev Filter



# Low Noise Amplifier with SKY65050-372LF



# Microstrip



# GCPW

