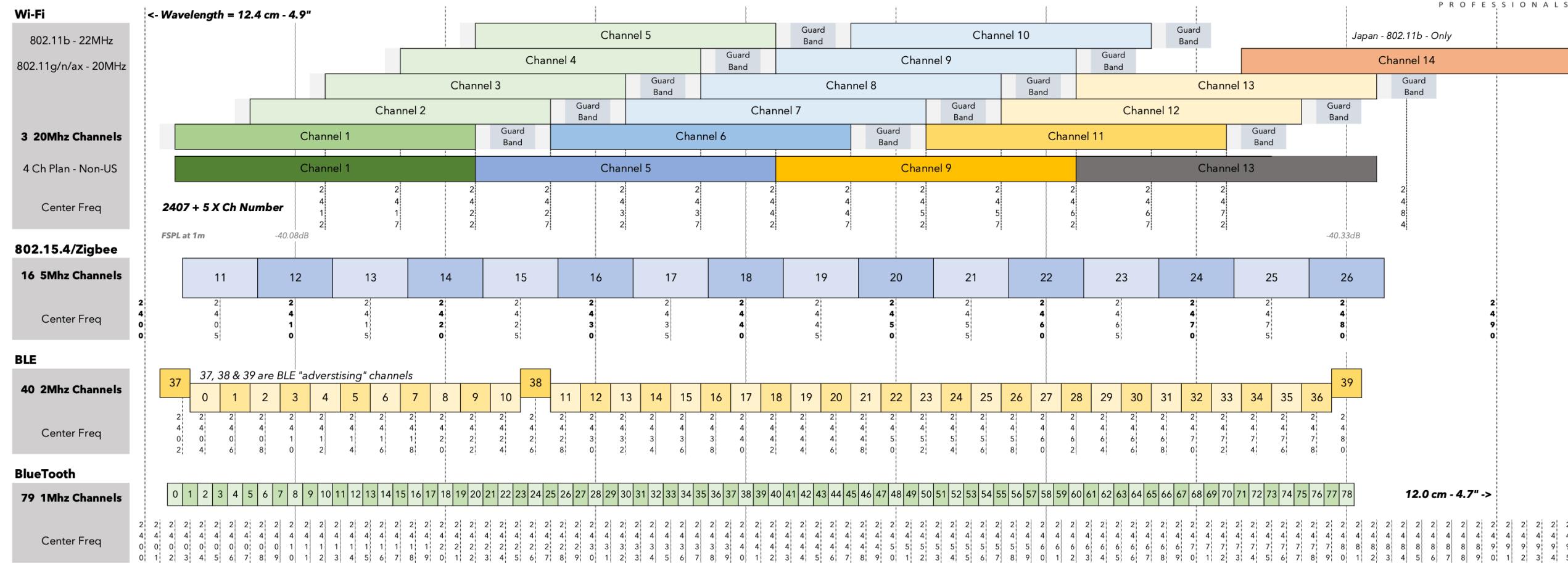


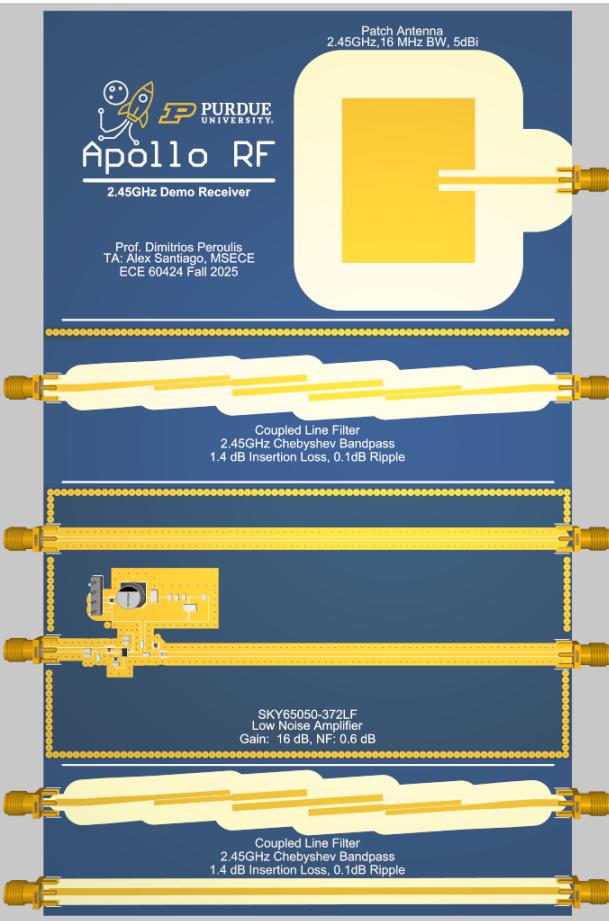
Apollo RF

2.45 GHz Demo Receiver Front End

2.4GHz Unlicensed Spectrum



Design



Patch Antenna

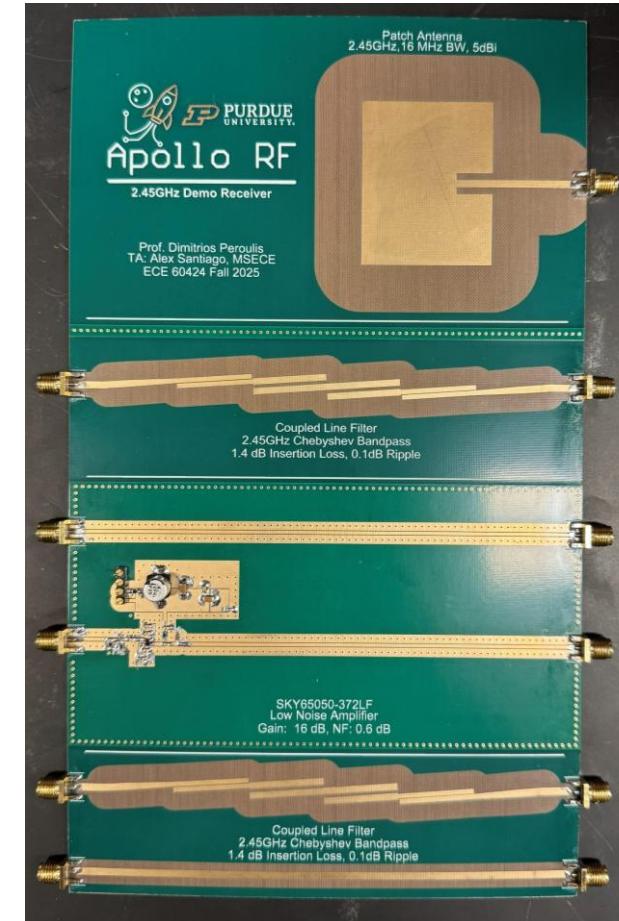
Filter

CPWG Line

LNA

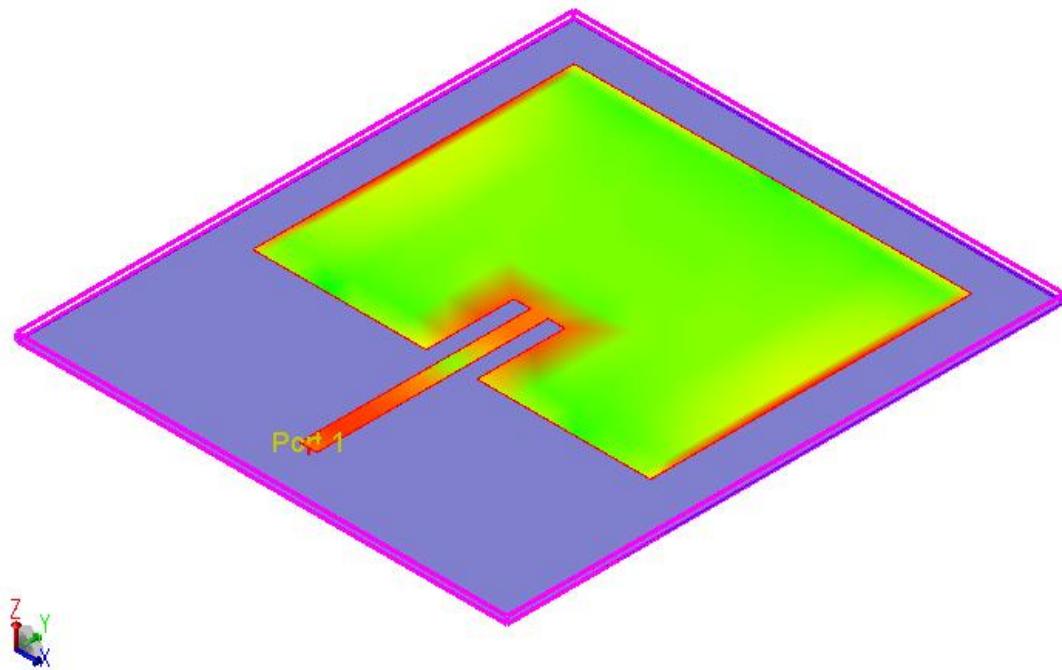
Filter

Microstrip

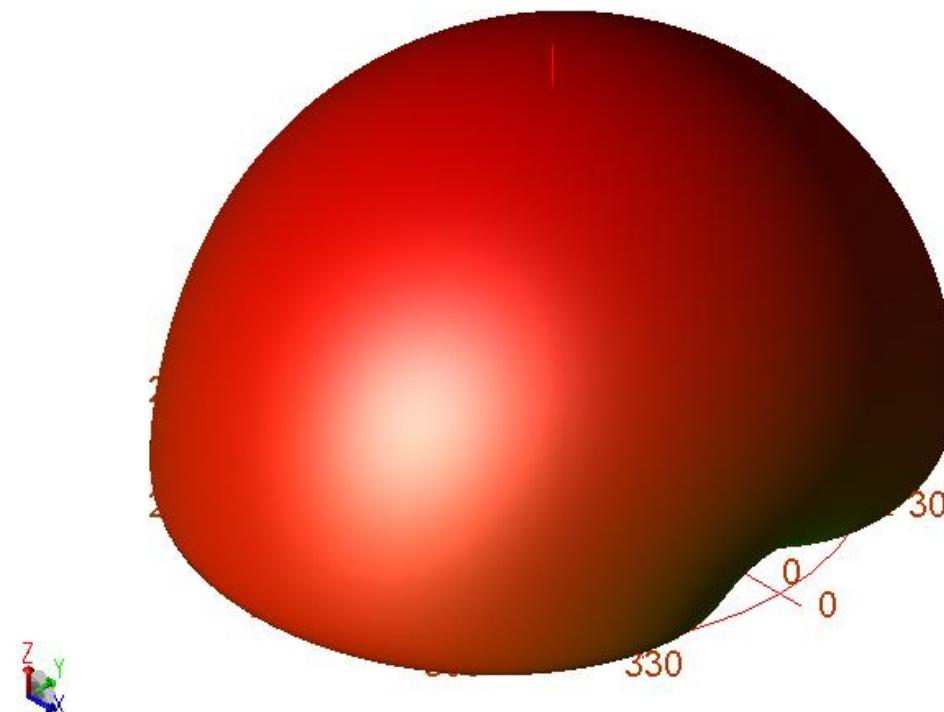
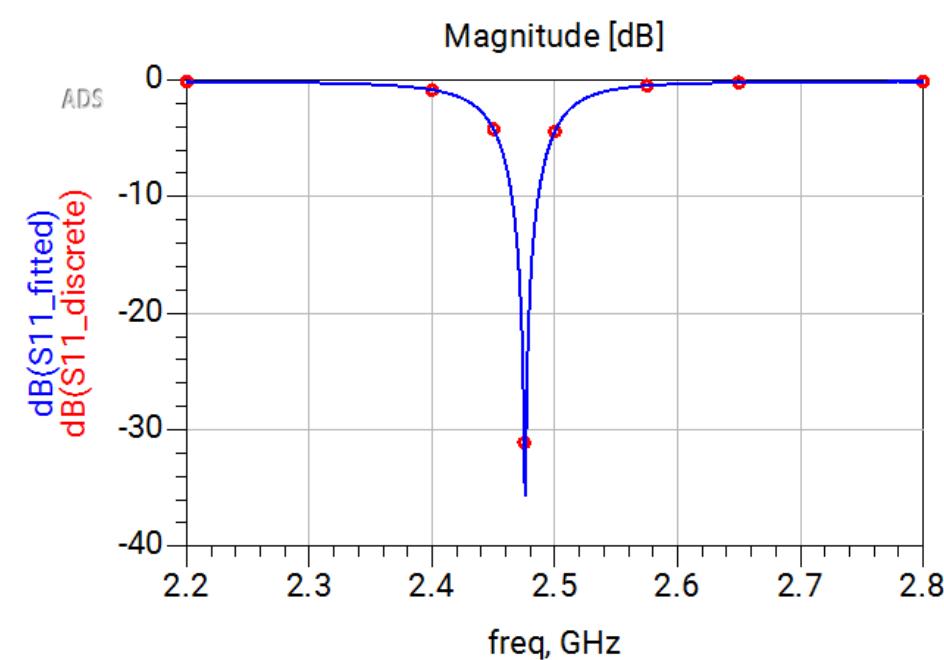


Simulations

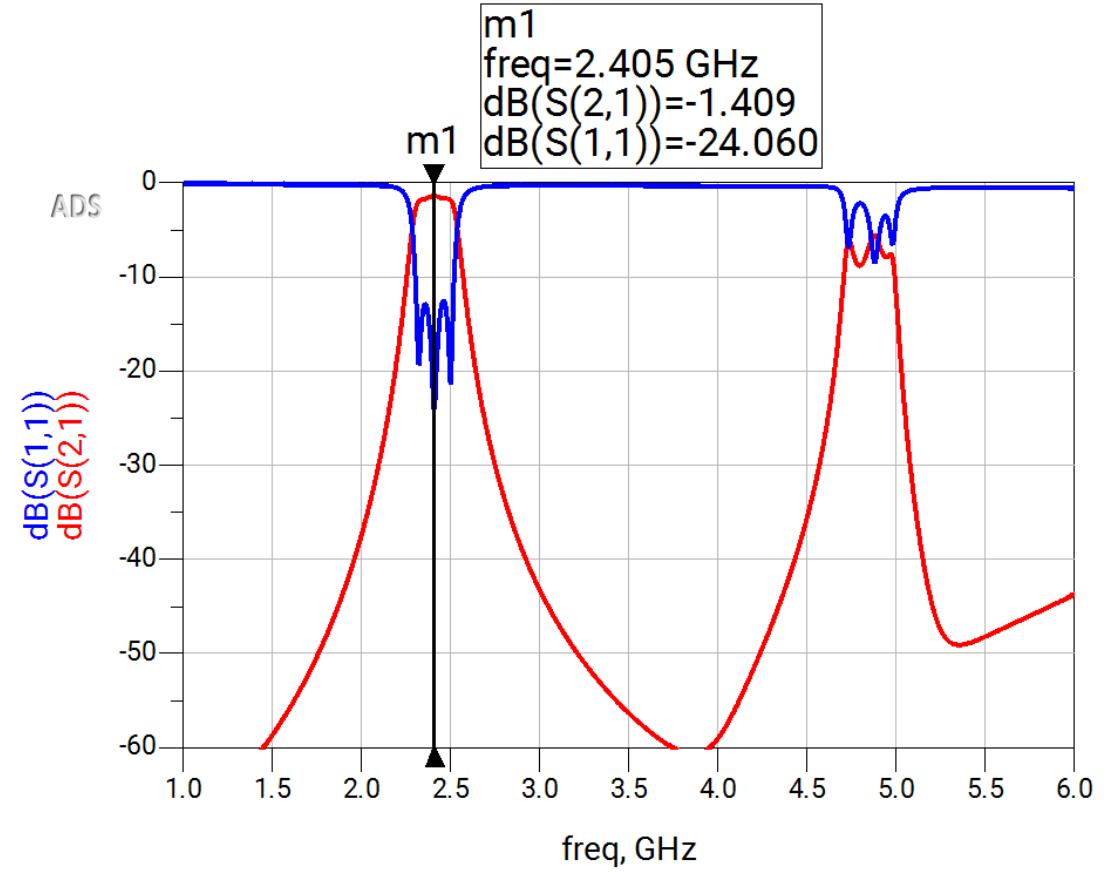
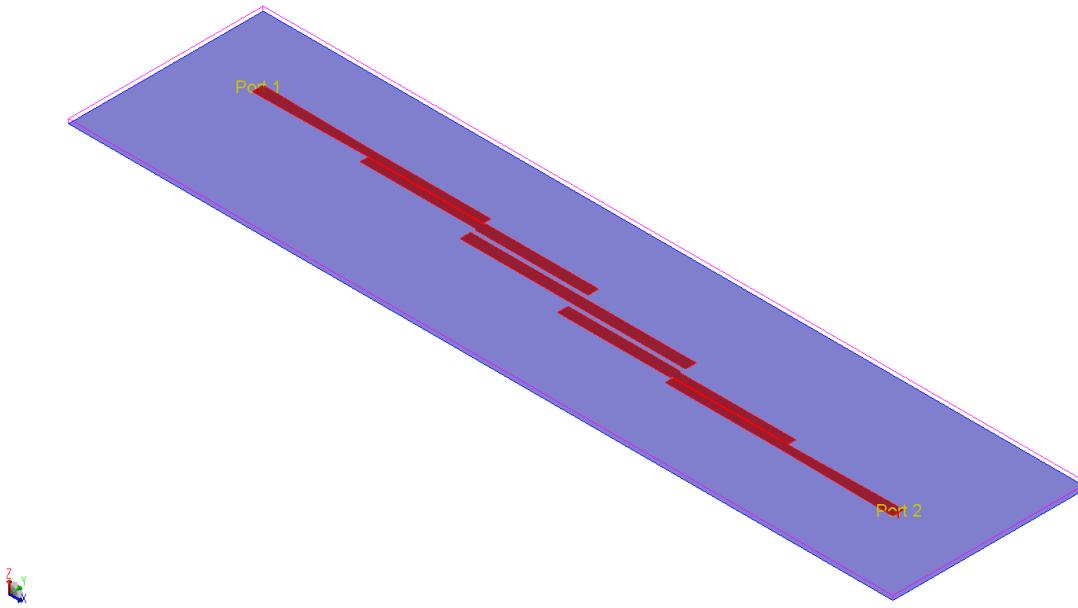
Patch Antenna



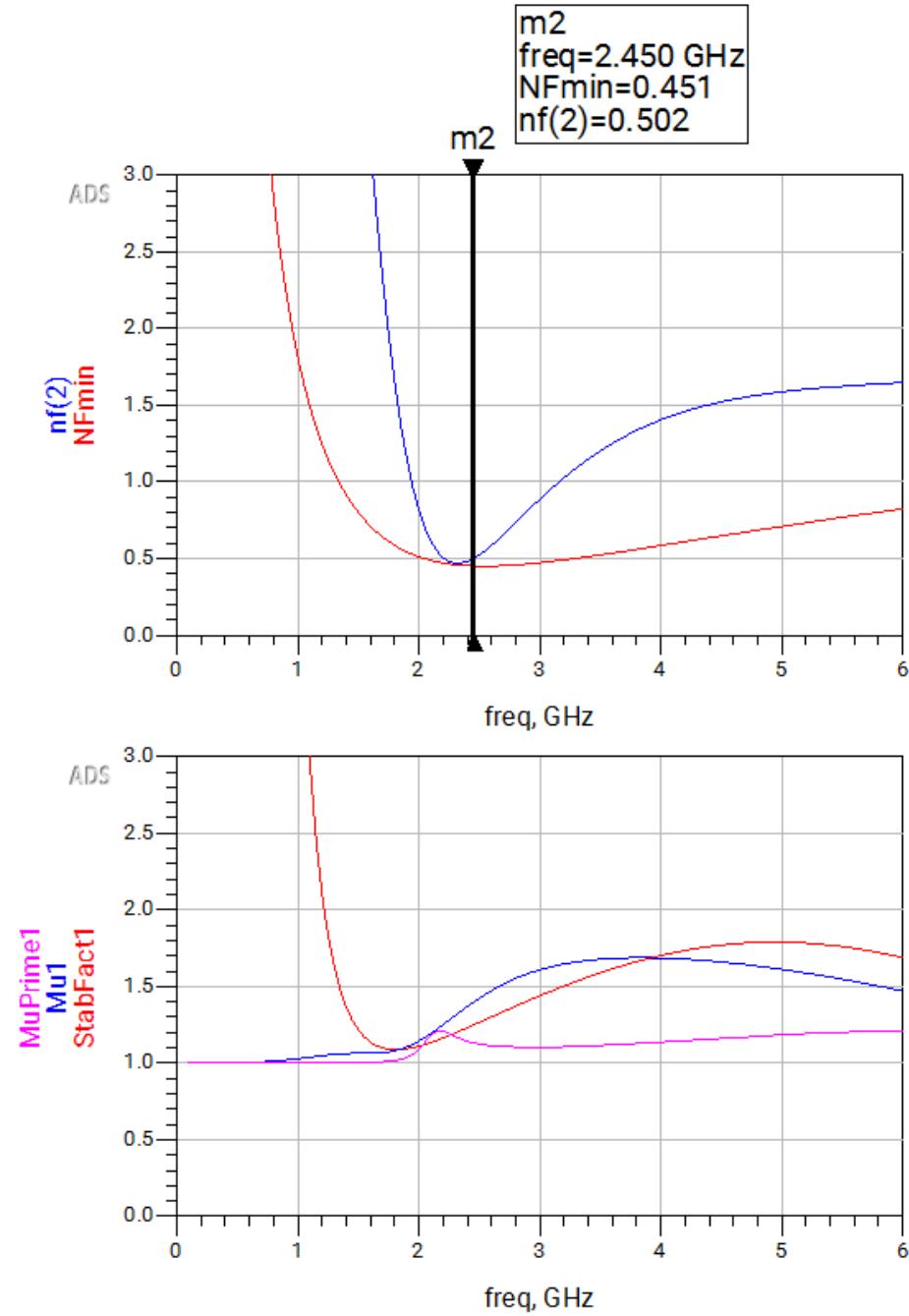
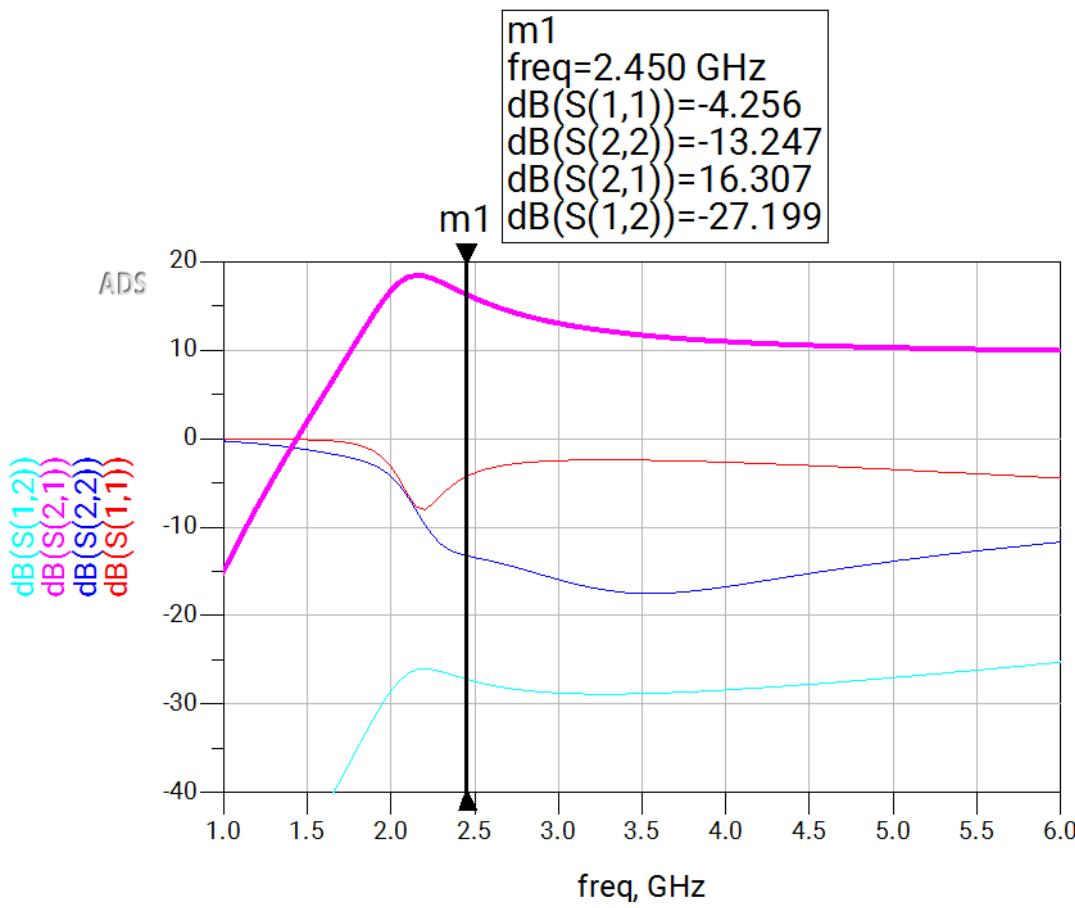
5 dBi Gain



Filter

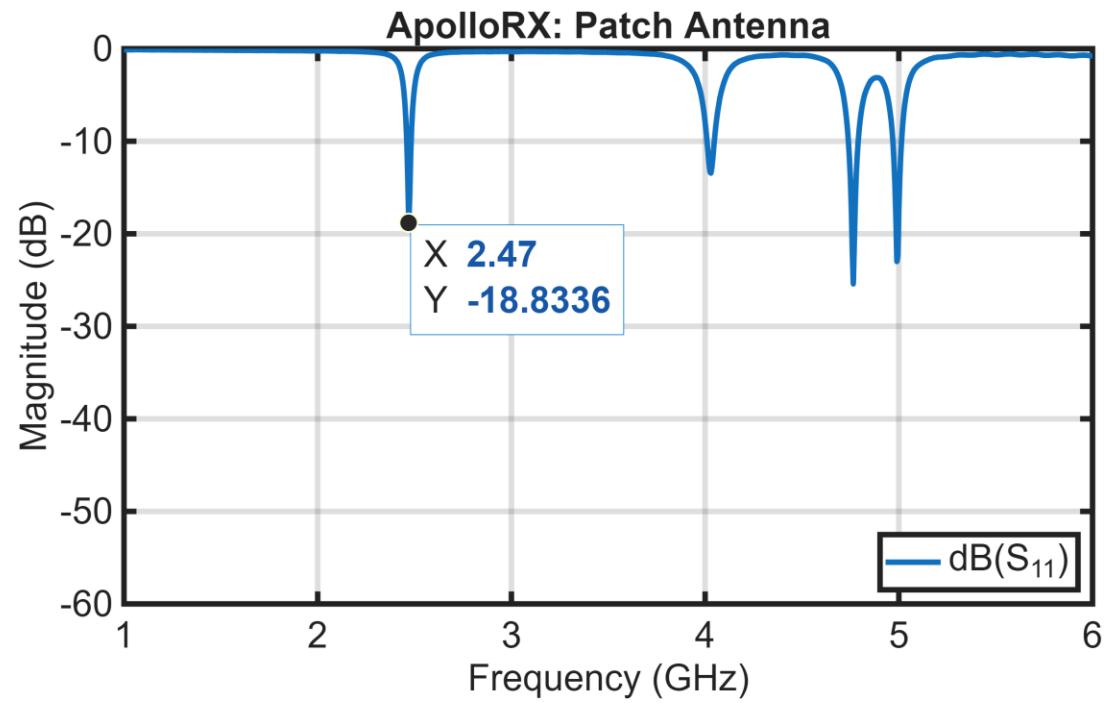
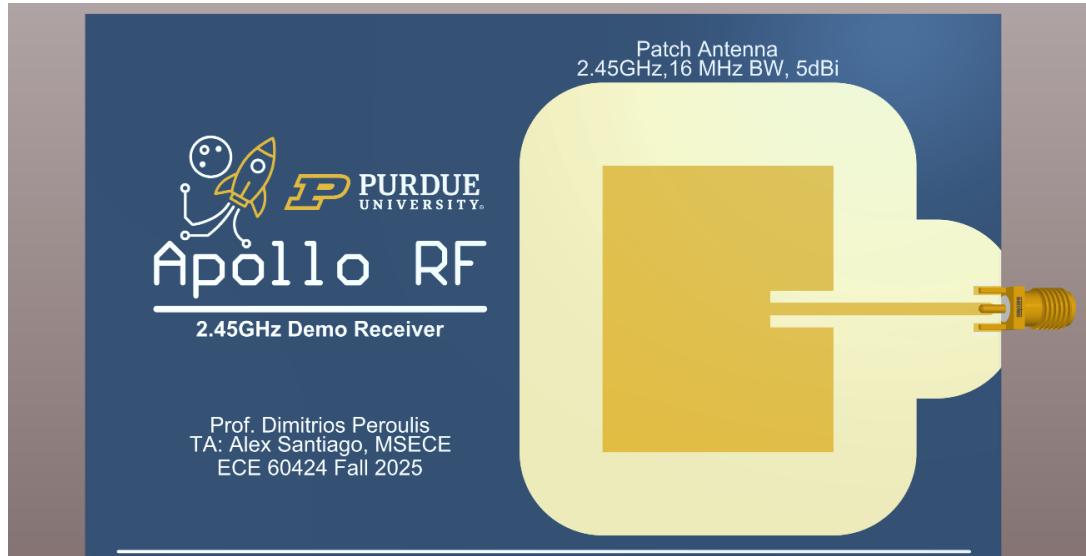


LNA

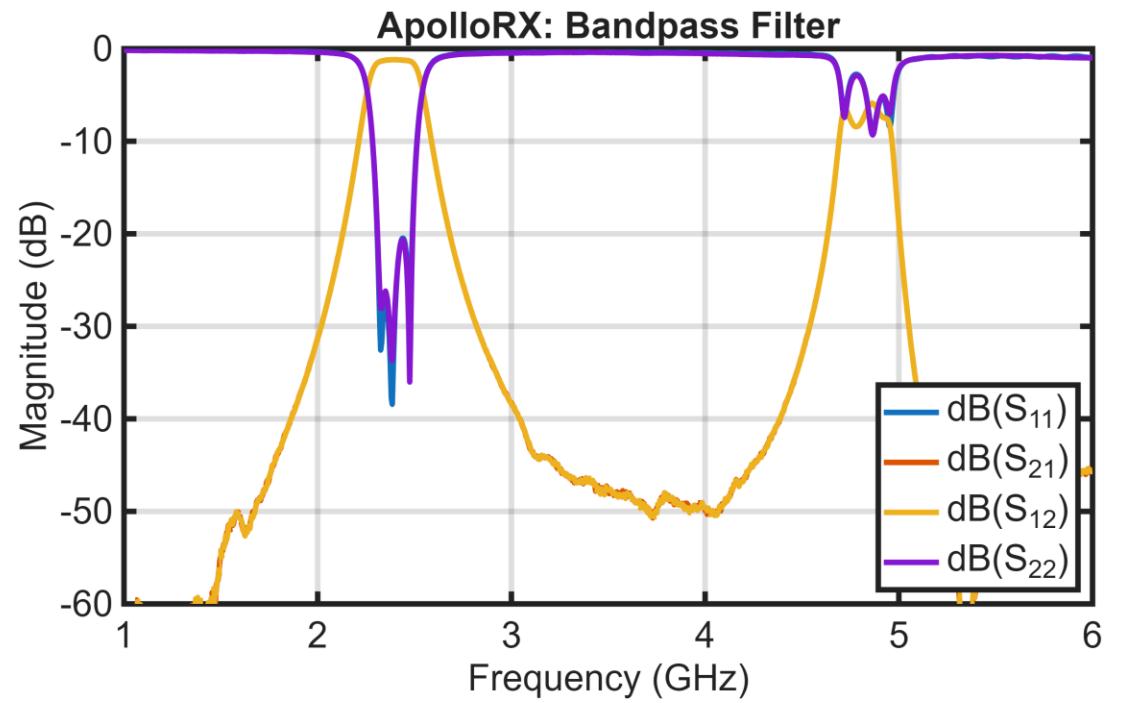
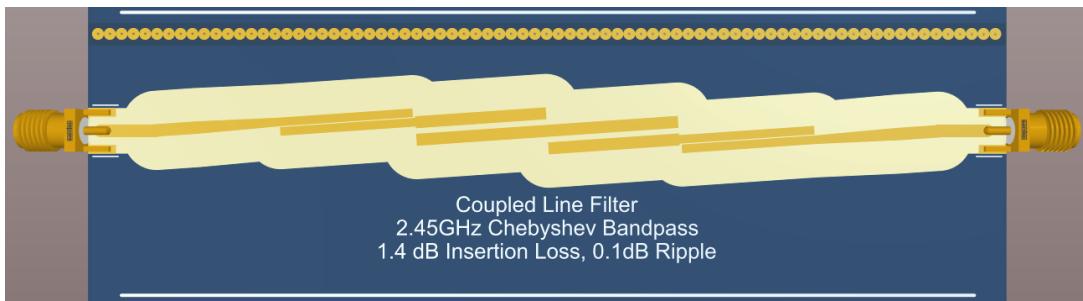


Measurements

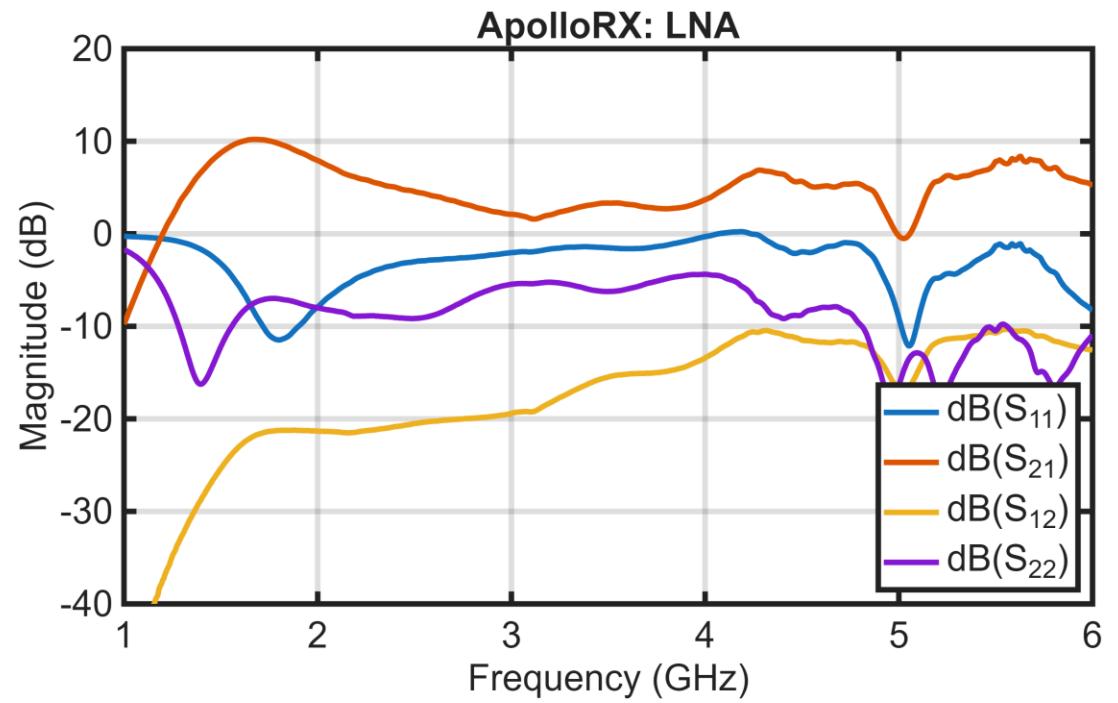
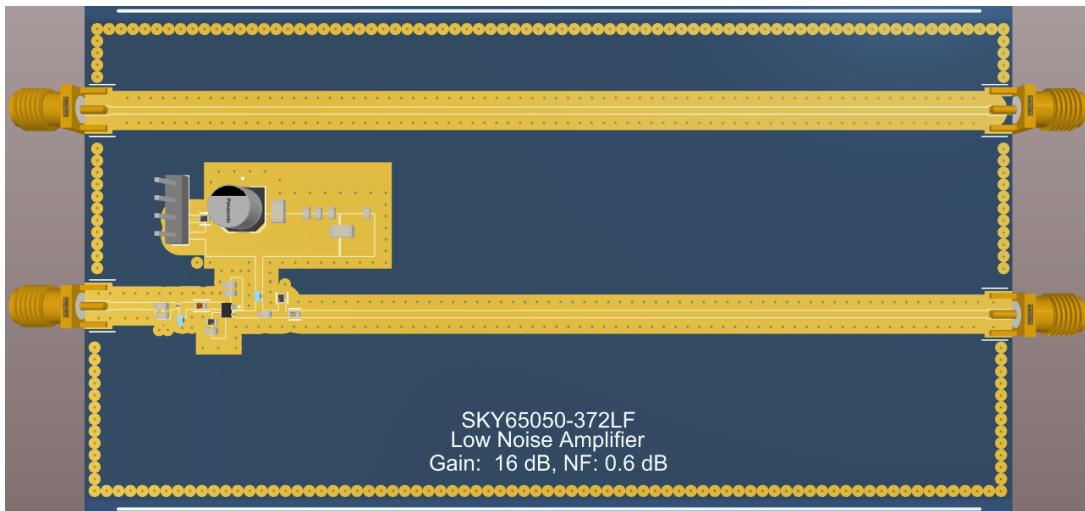
Patch Antenna



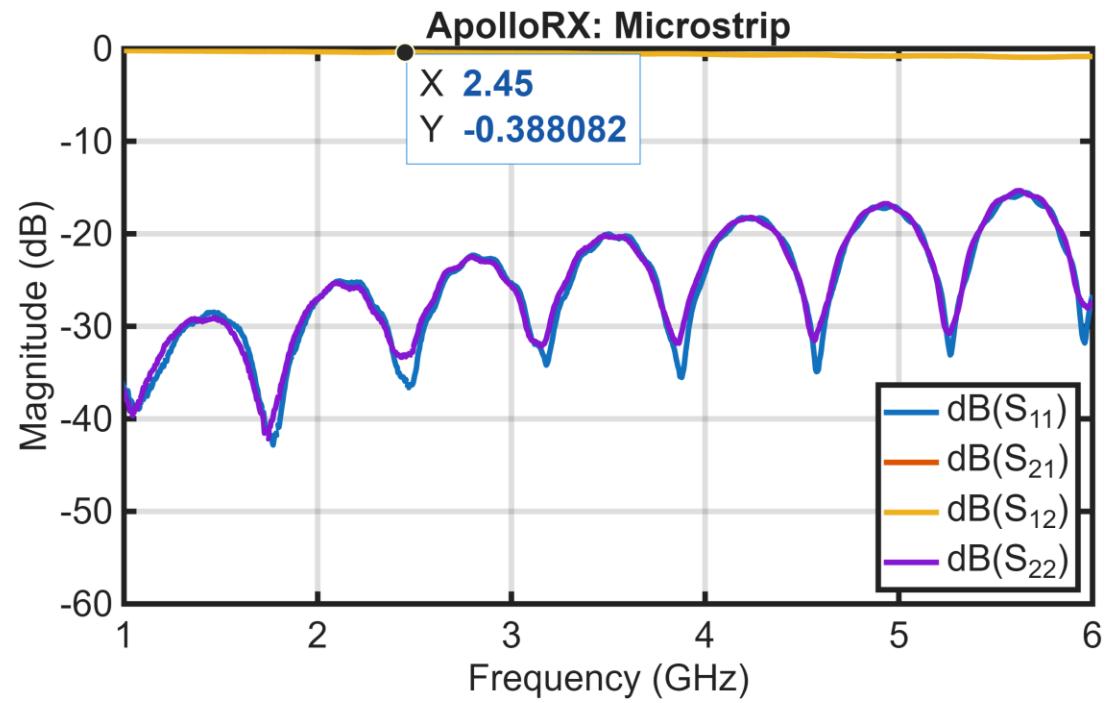
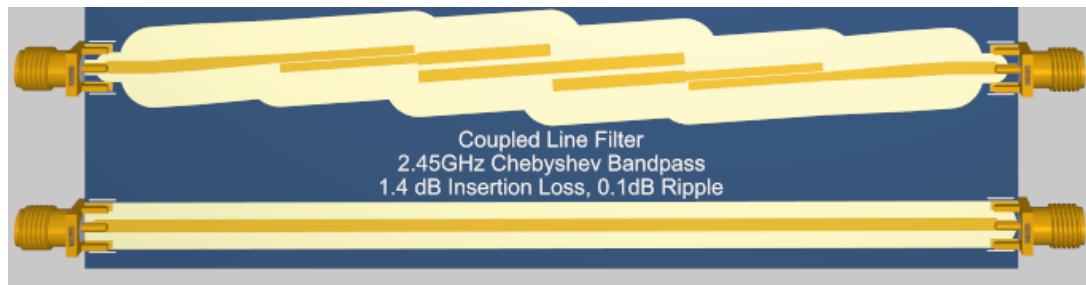
Coupled Lines Bandpass Chebyshev Filter



Low Noise Amplifier with SKY65050-372LF



Microstrip



GCPW

