

E157 Lecture 17 Day Plan

Any questions before quiz

Quiz + Team Quiz + Talk through solution

Design spec roundup

- Rrad, Xrad
- Rloss Efficiency
- Bandwidth
- Radiation Pattern, Beam Width
- Directivity and Gain
- Polarization
- Area

Review receive antenna in a circuit and LC model for Xrad

Discuss phased array beamforming and radiation patterns

Check-in, office hours