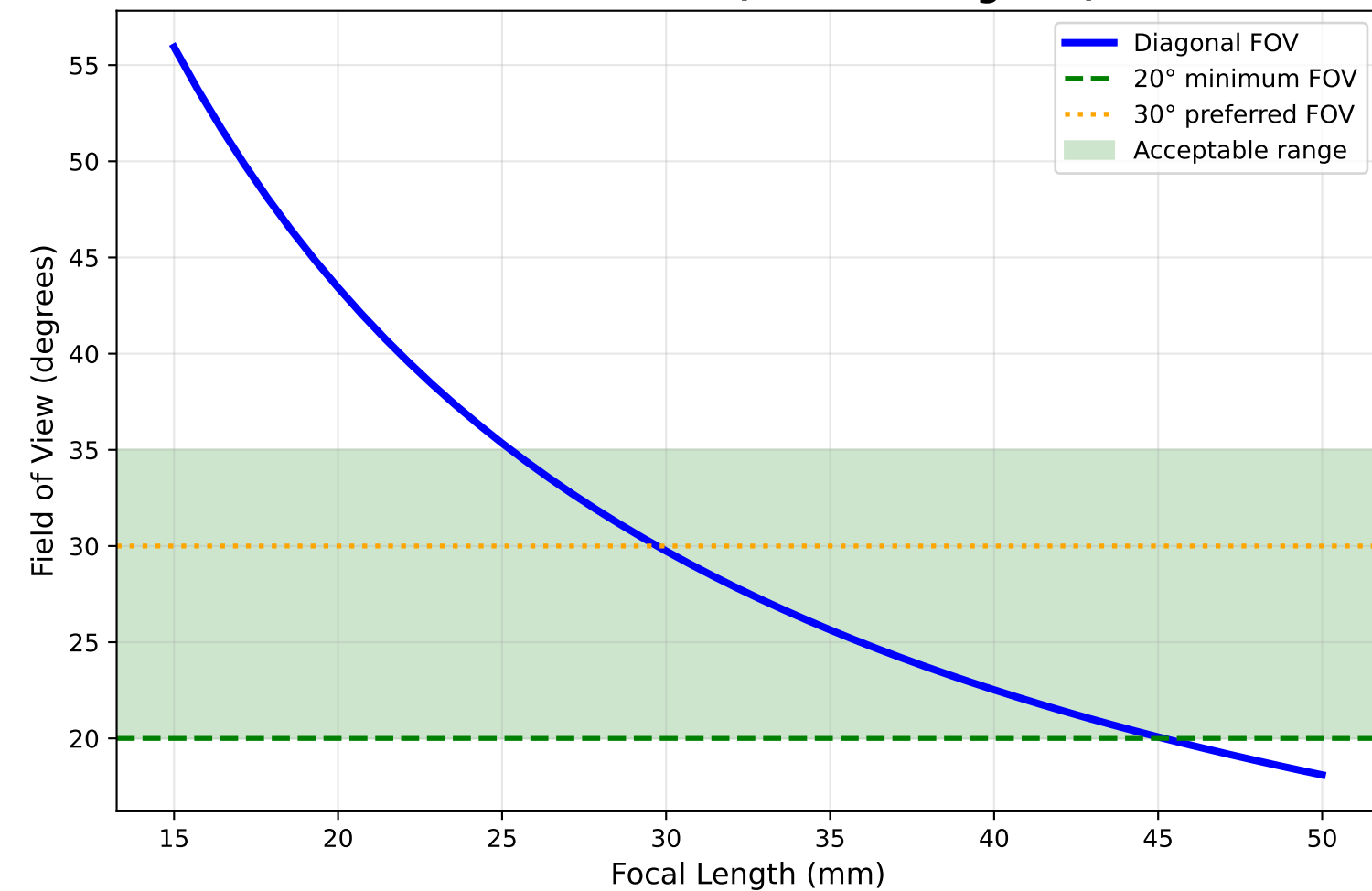


Focal Length Optimization Study

Accuracy vs Field-of-View Trade-offs

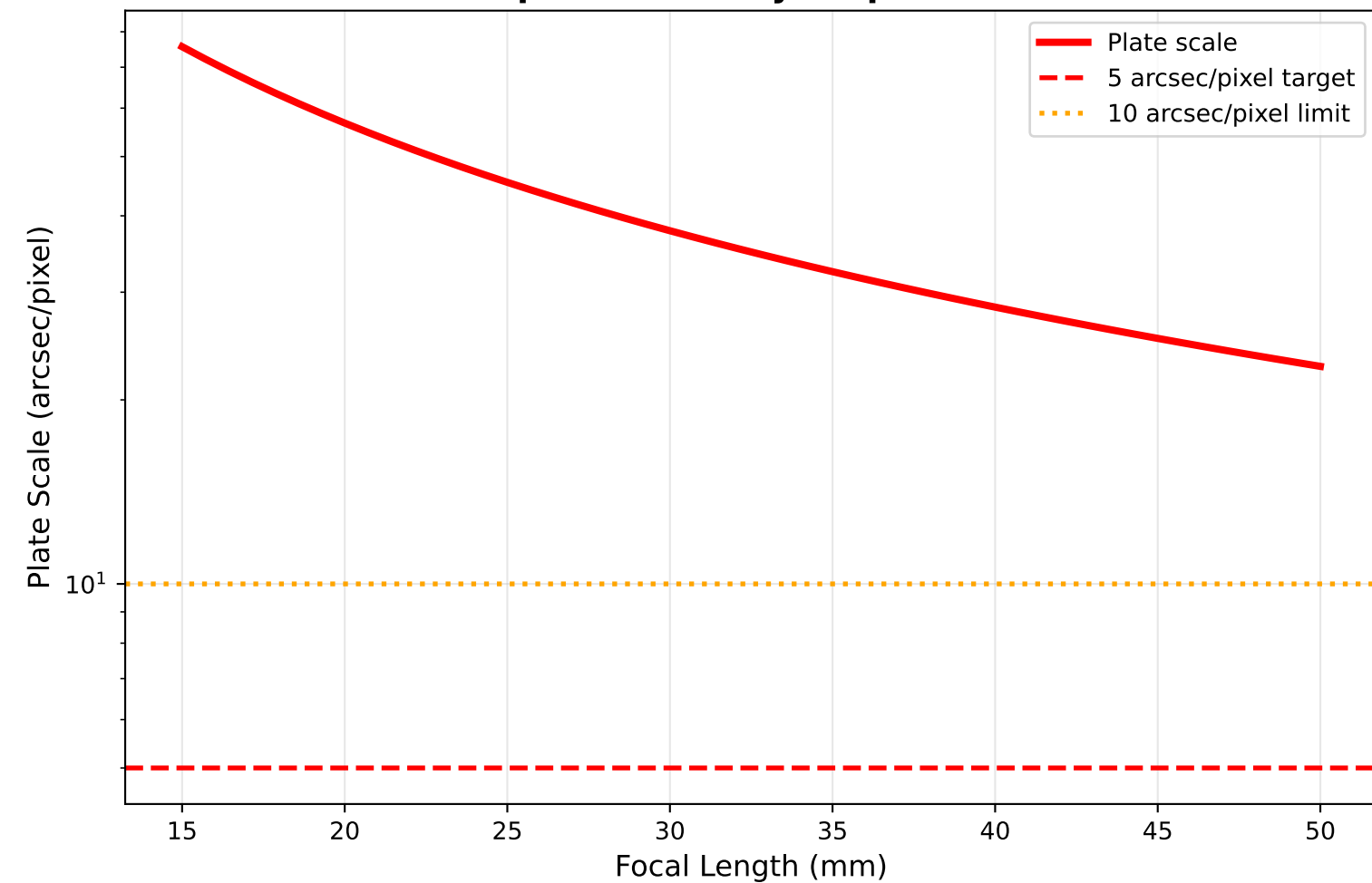
Field of View vs Focal Length

CMV4000 Sensor (11.3mm diagonal)



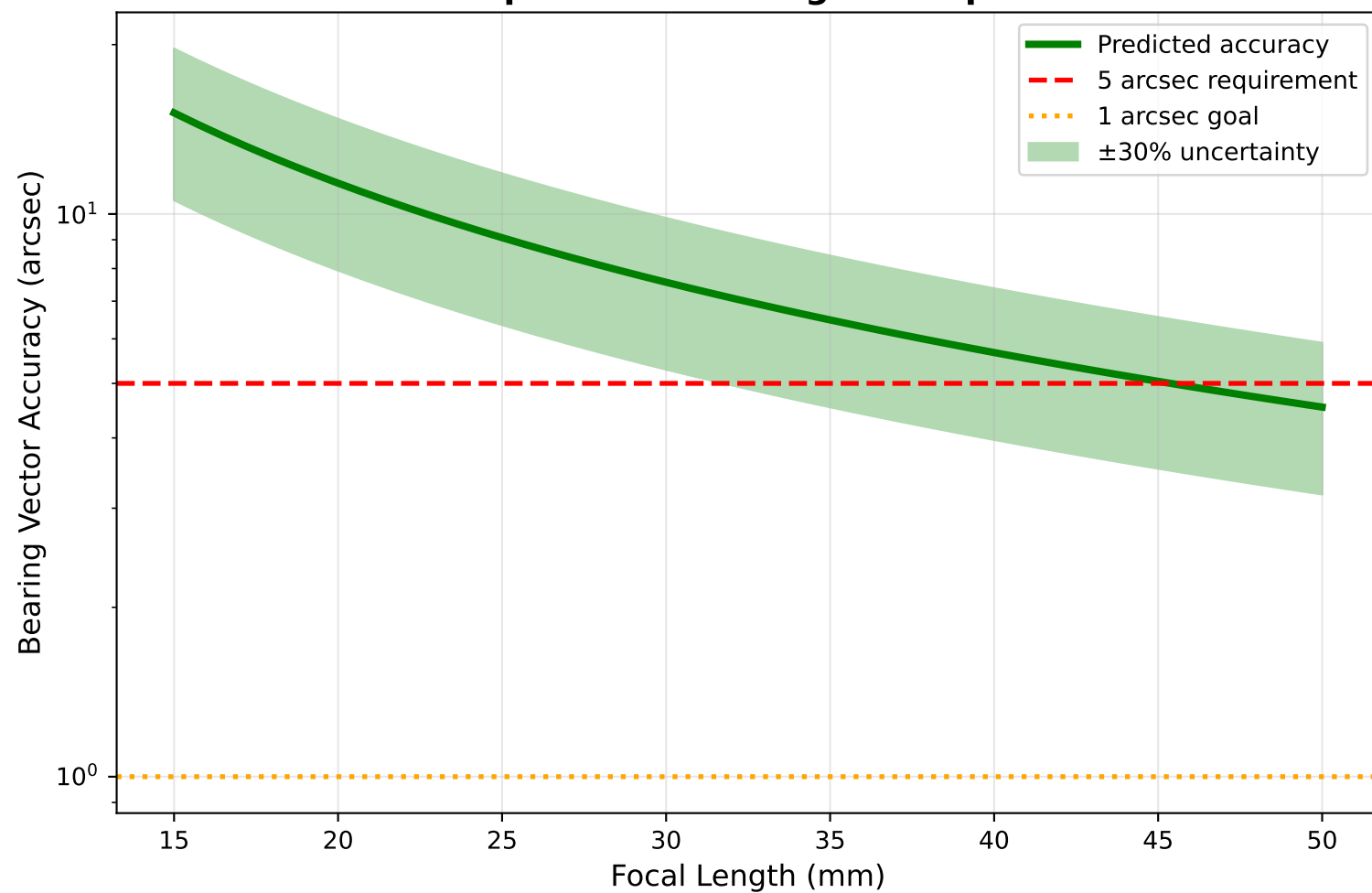
Angular Resolution vs Focal Length

Sub-pixel Accuracy Requirements



Predicted Bearing Vector Accuracy

0.2 pixel centroiding assumption



Multi-Objective Optimization

FOV vs Accuracy Trade-off

