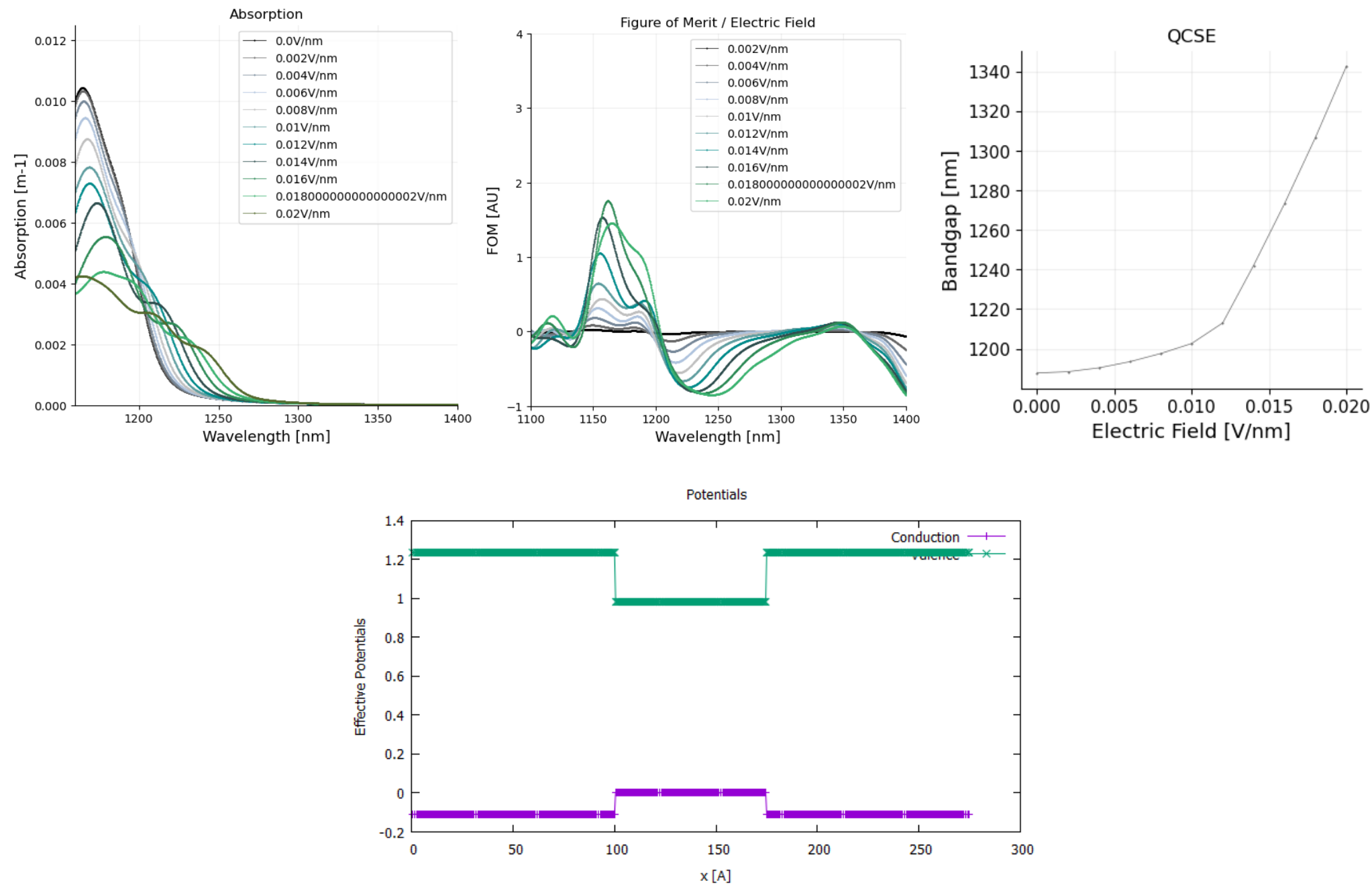
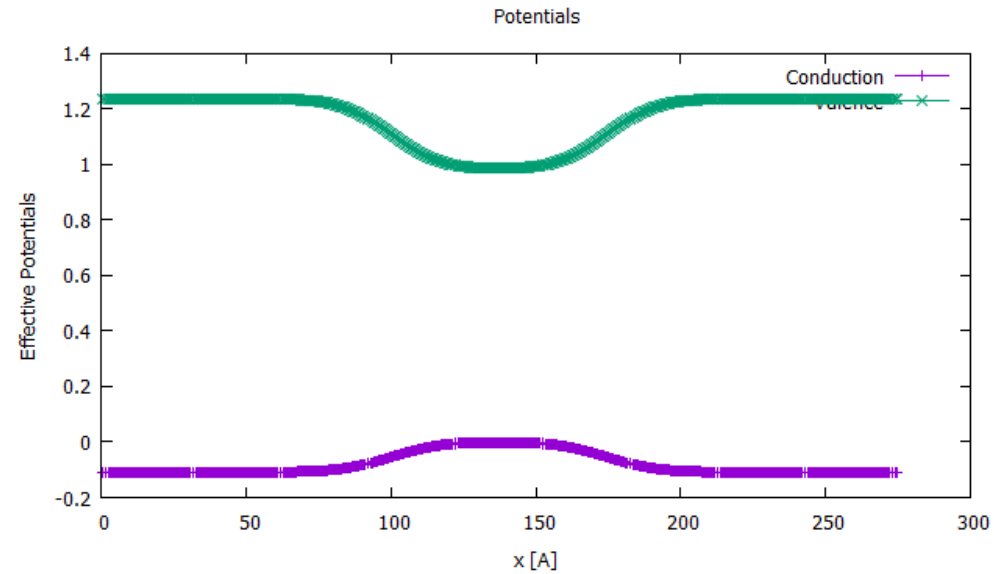
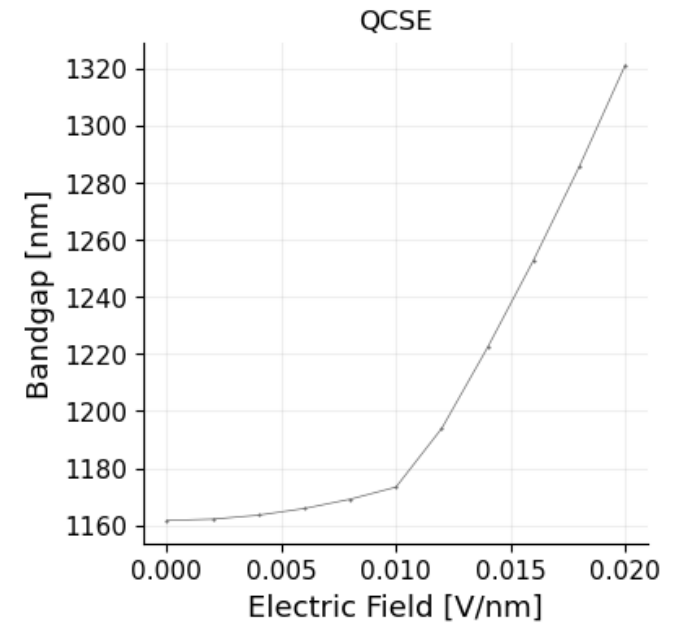
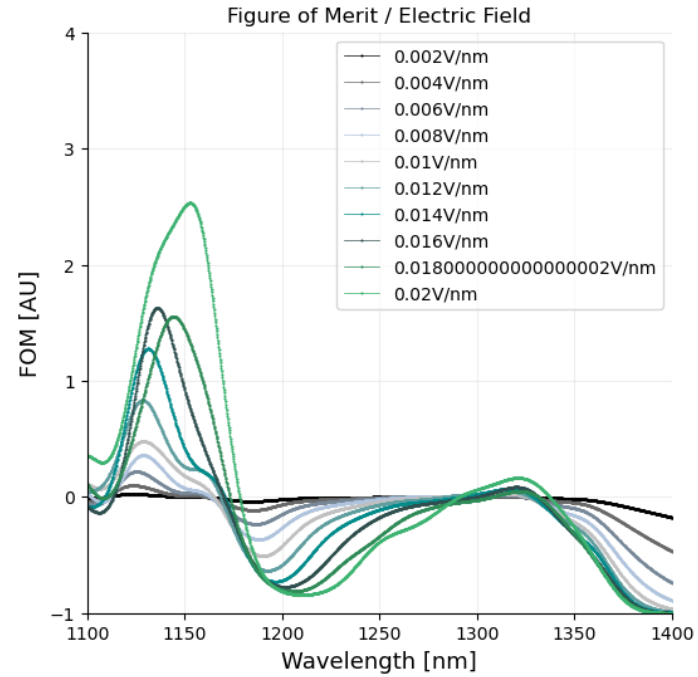
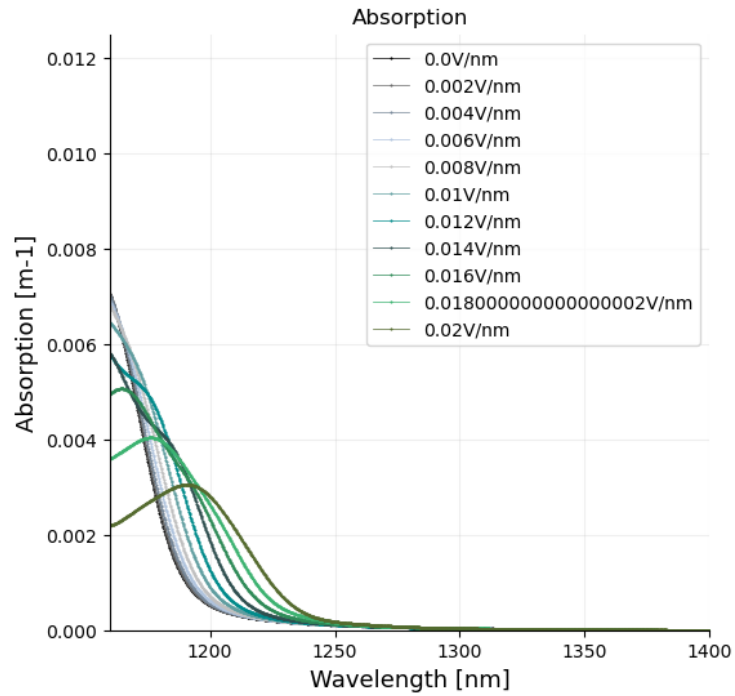


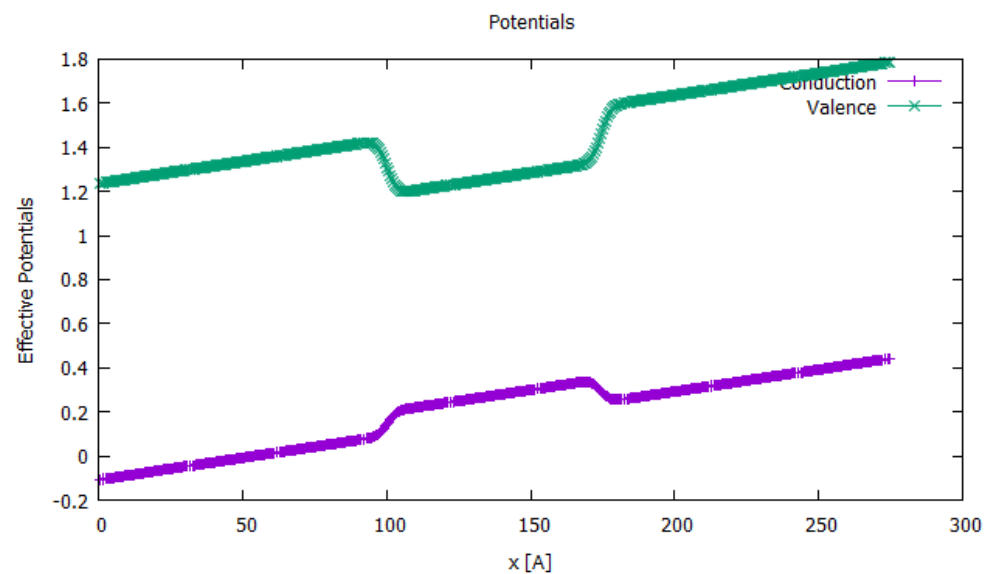
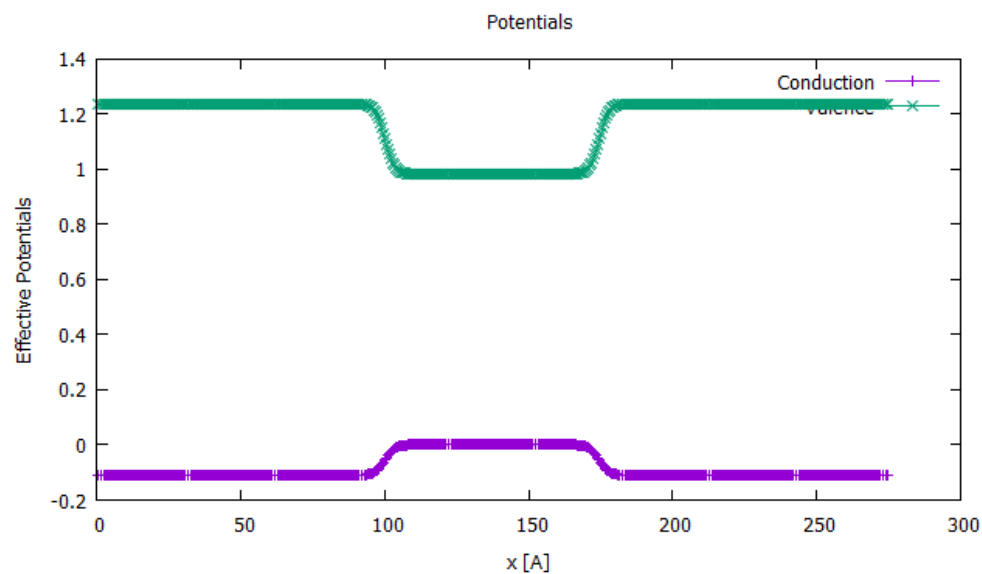
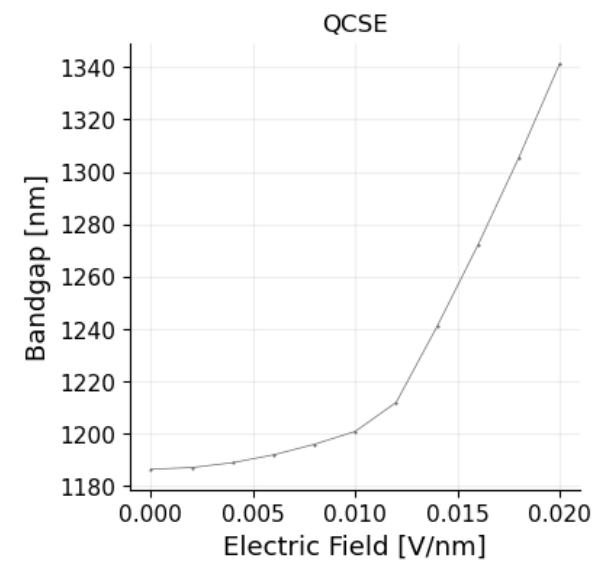
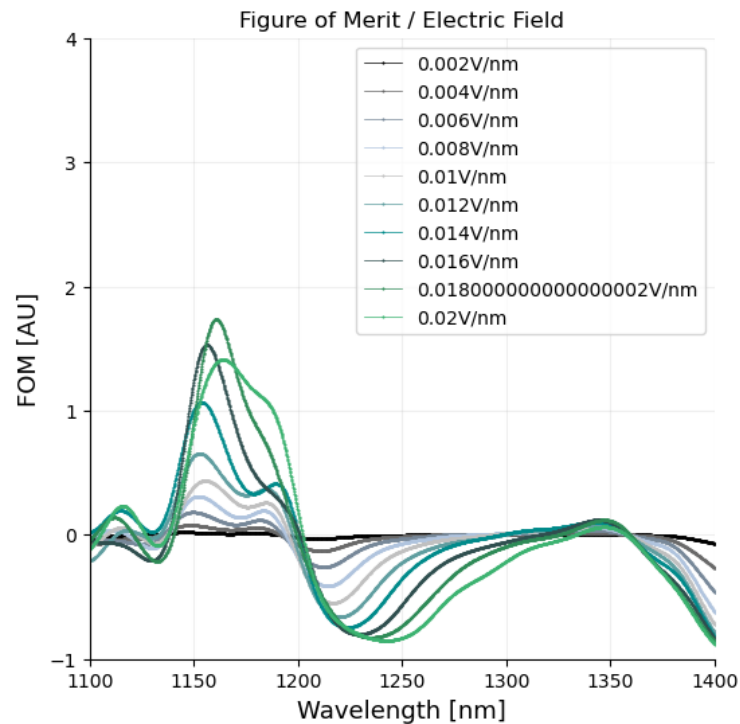
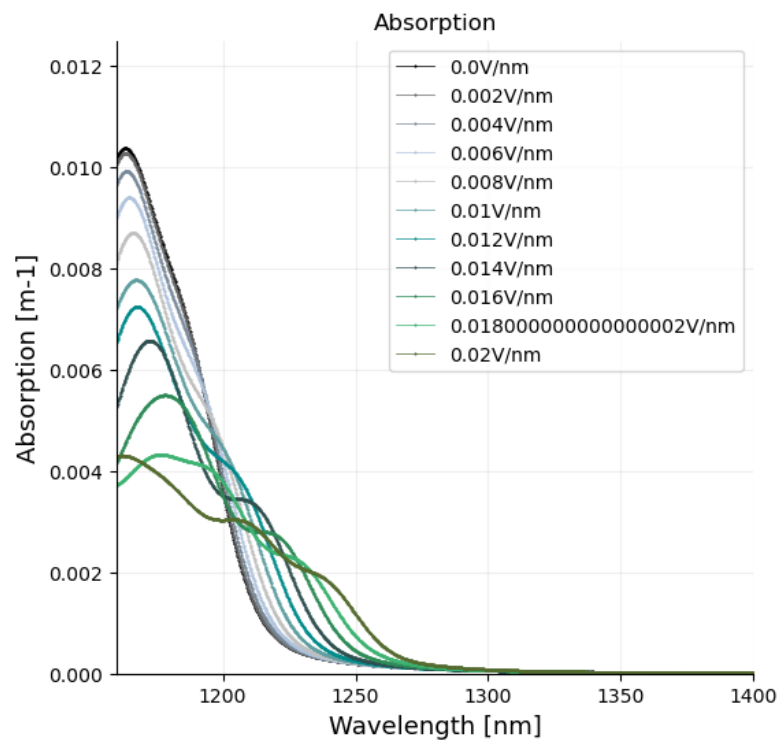
No Intermixing.



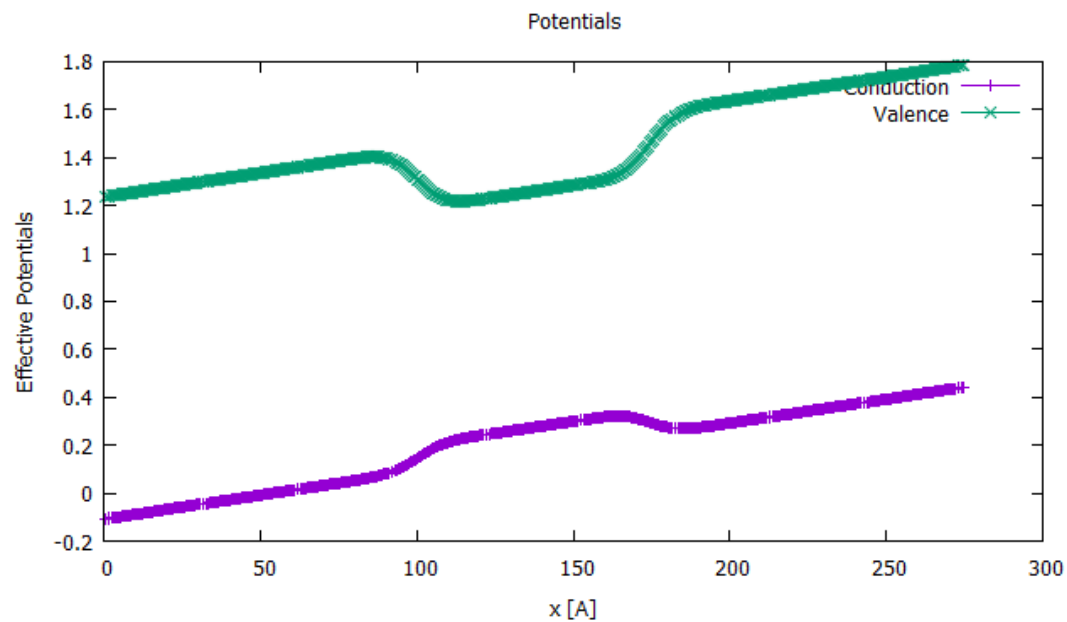
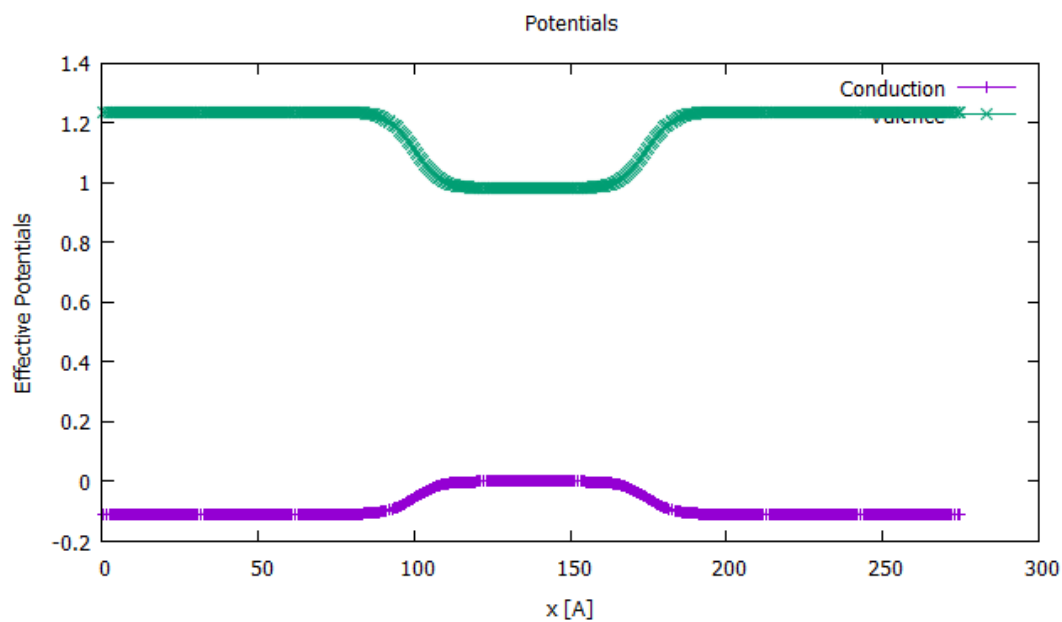
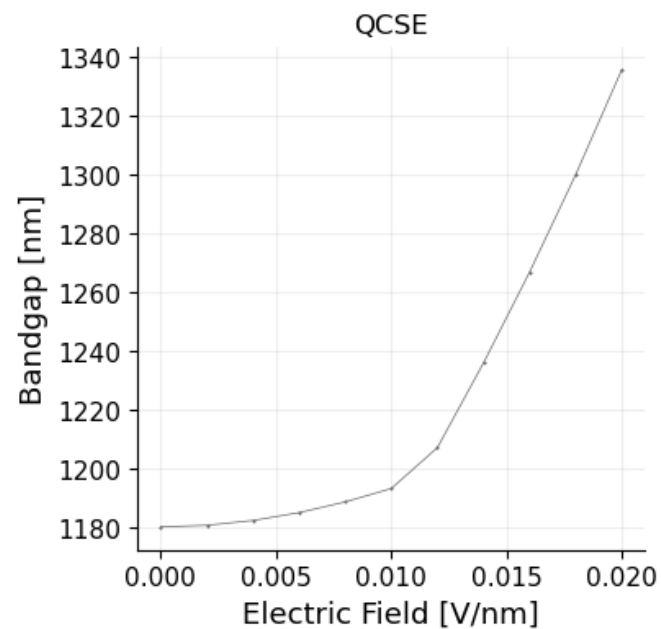
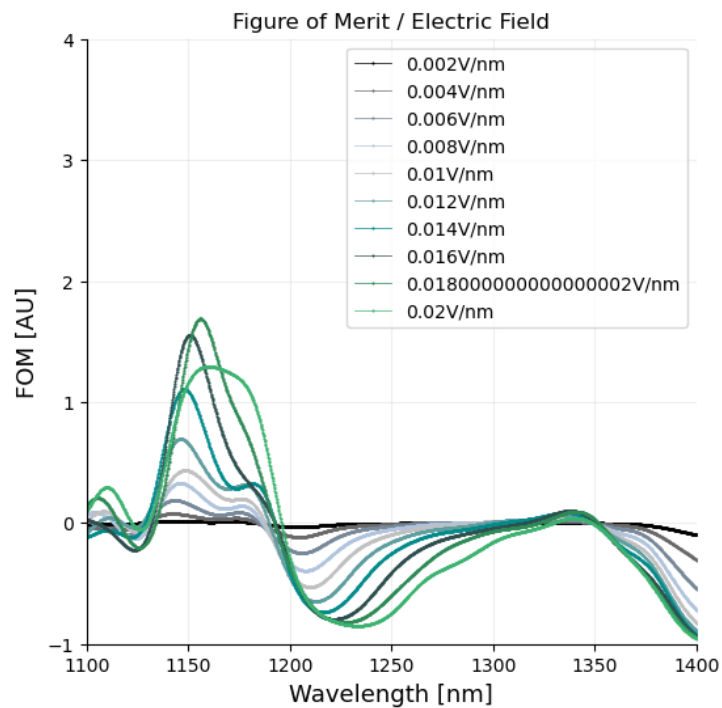
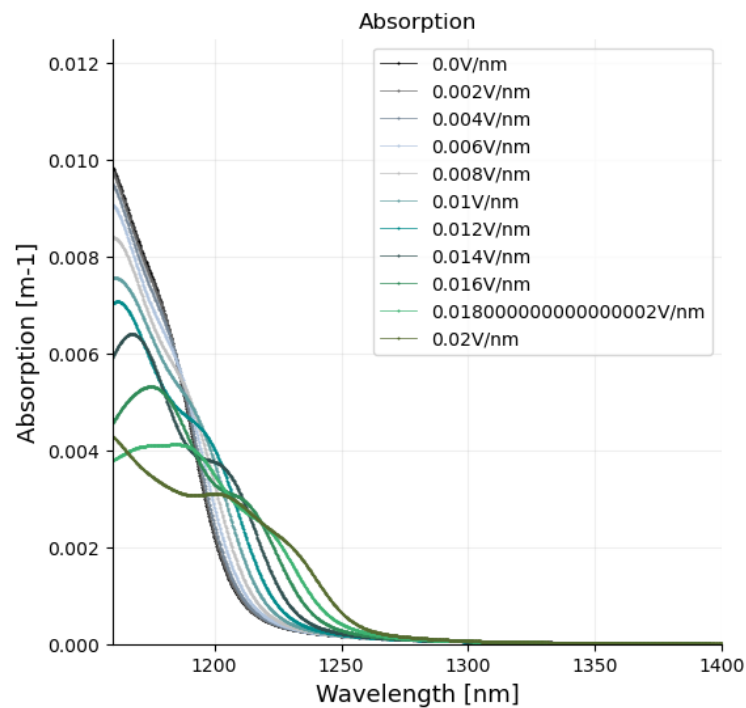
# Intermixing strength 5%



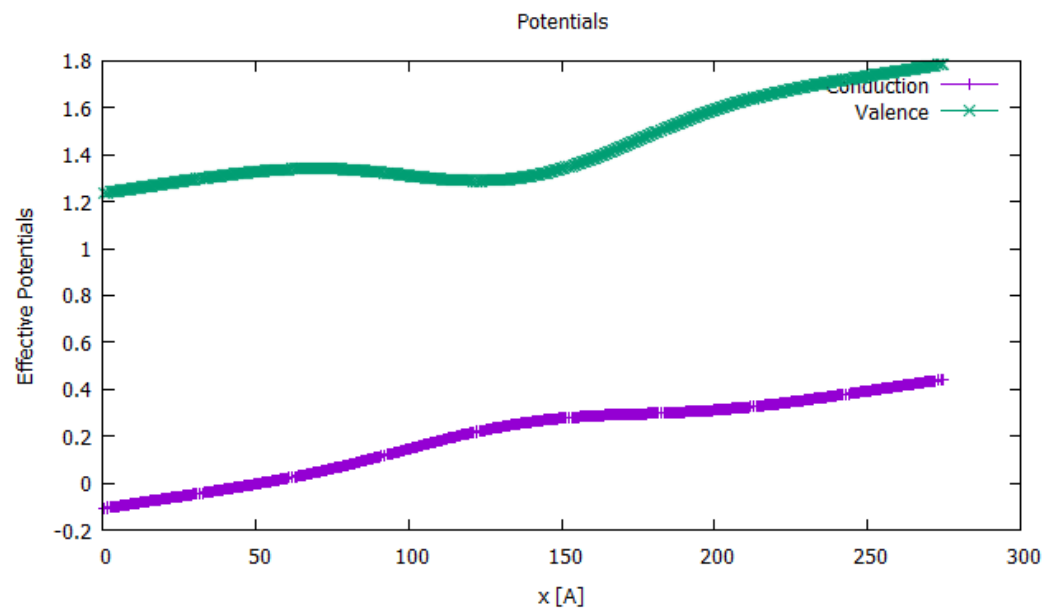
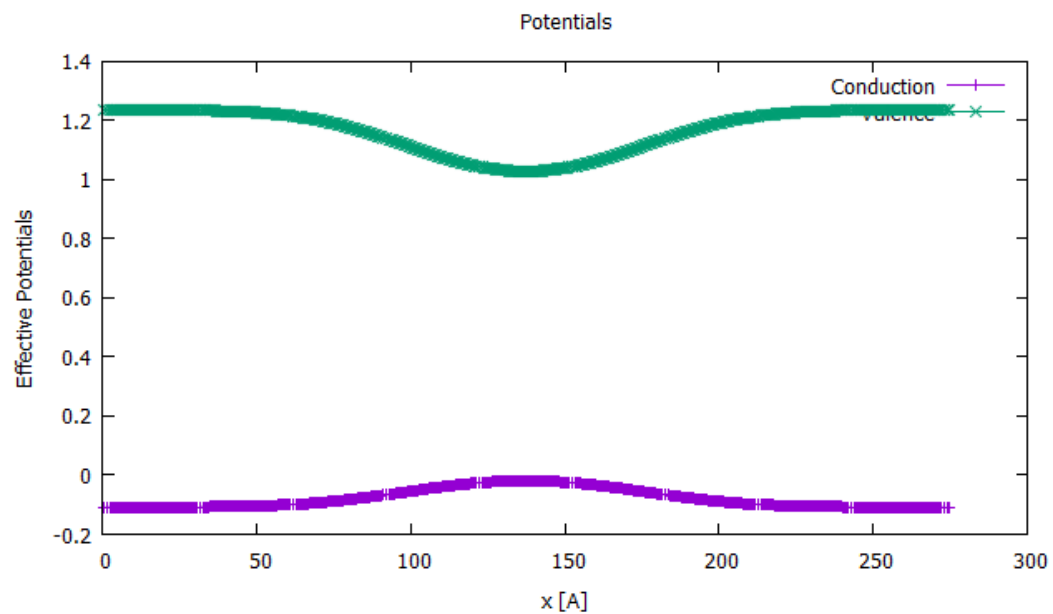
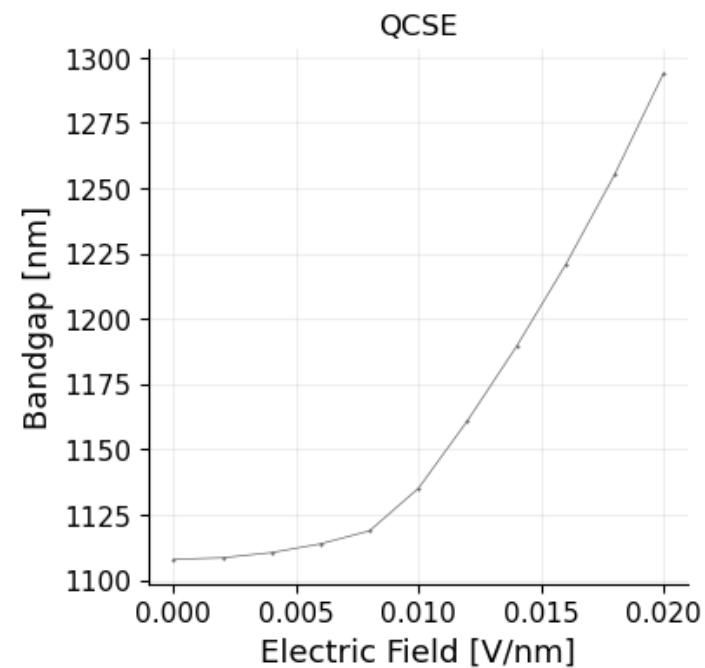
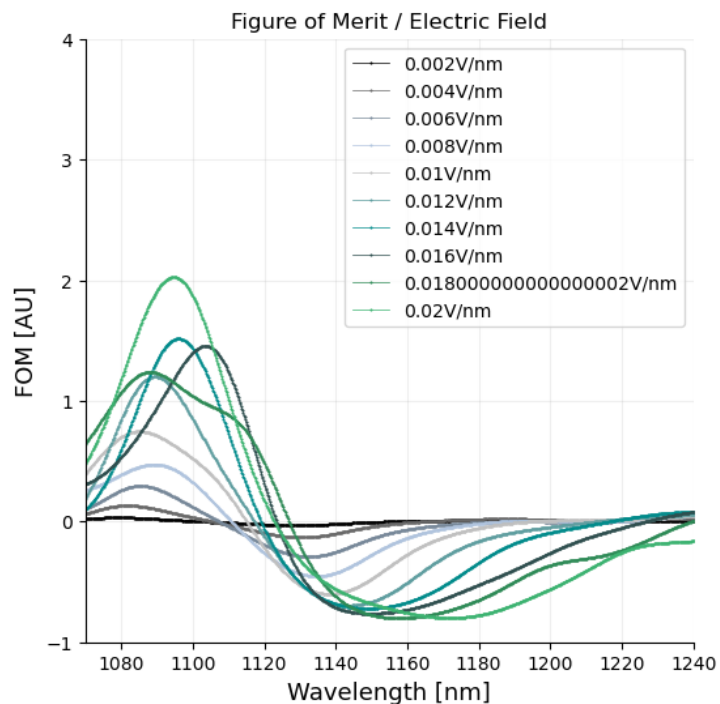
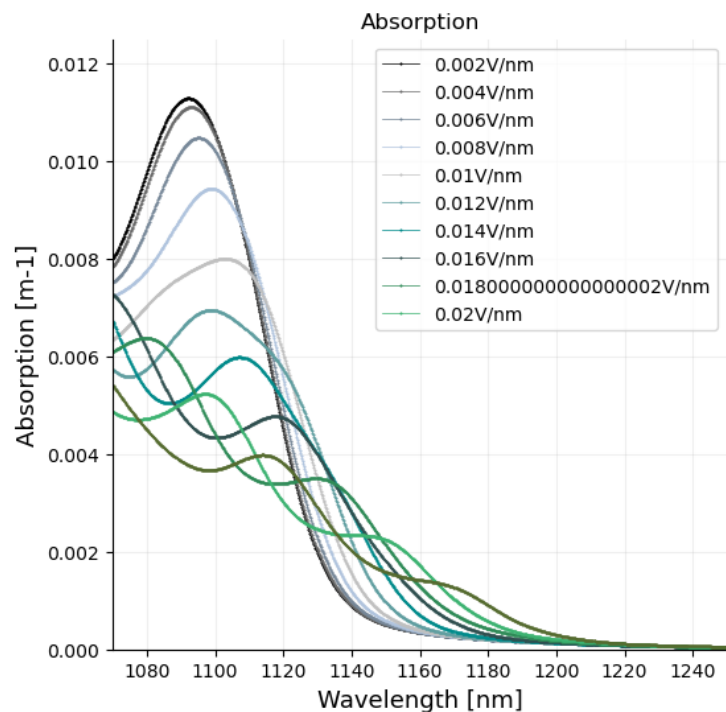
# Intermixing strength 1%



# Intermixing strength 2.5%



# Intermixing strength 10%



```

// AlGaInAs_BG@1.4K = BG@1.4K
AlGaInAs_two.display();
Layer layer2(AlGaInAs_two, 75); // Material, layer thickness [Å]
Layer layer1(InP, 100); // Material, layer thickness [Å]

layer1.display();
layer2.display();

vector<Layer> layers;
layers = {layer1, layer2, layer1};

```

```

Material AlGaInAs("AlyGaxIn(1-x-y) (Ref: Mondry Babic) BG@1.4K", 0.0, 1.140, 0.24*mass_electron, 0.169*mass_electron, 1.03*mass_electron);
double x = 0.124, y = 0.245;
Material AlGaInAs_two("AlyGaxIn(1-x-y) (Ref: Mondry Babic) BG@1.4K", 0.0, InGaAlAs_BG(x,y), eff_mass_InGaAlAs(0,x,y), eff_mass_InGaAlAs(1,x,y), eff_mass_InGaAlAs(2,x,y));

```