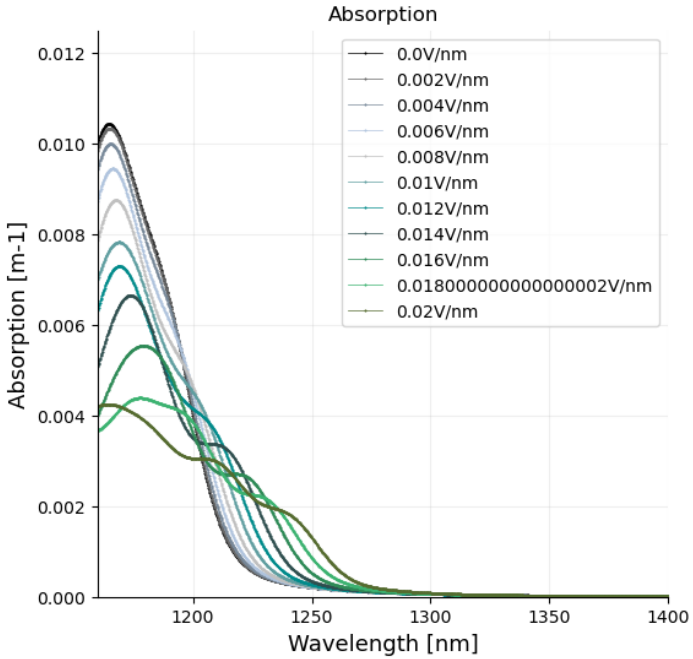
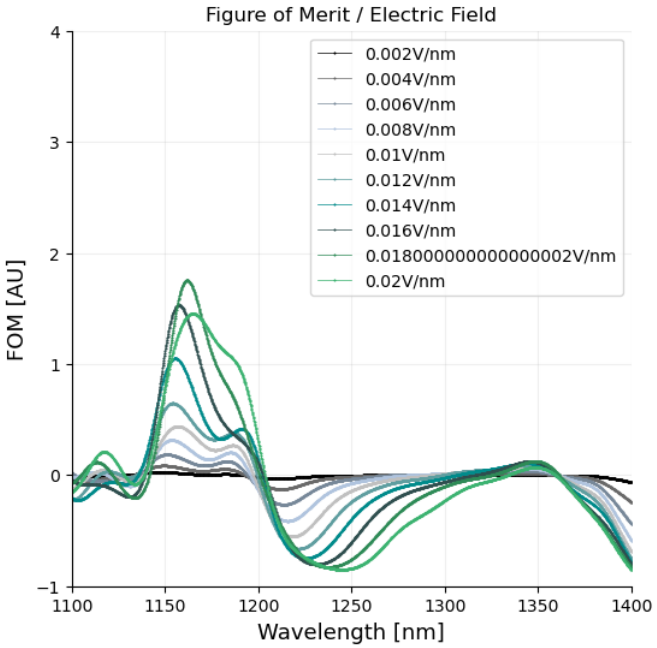
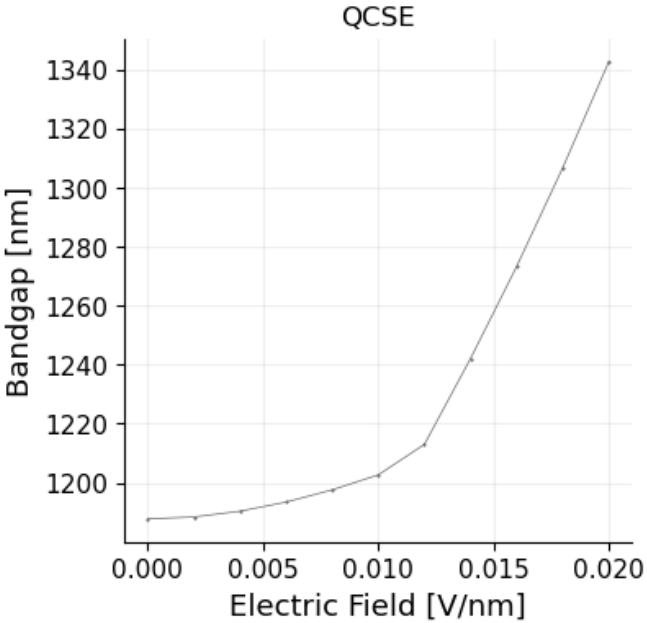
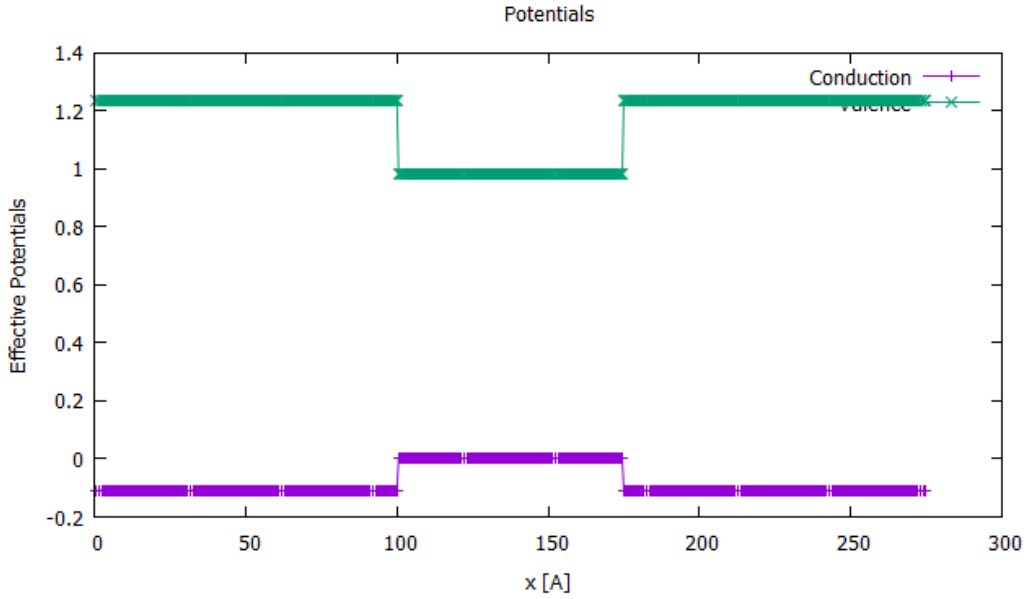
No Intermixing.

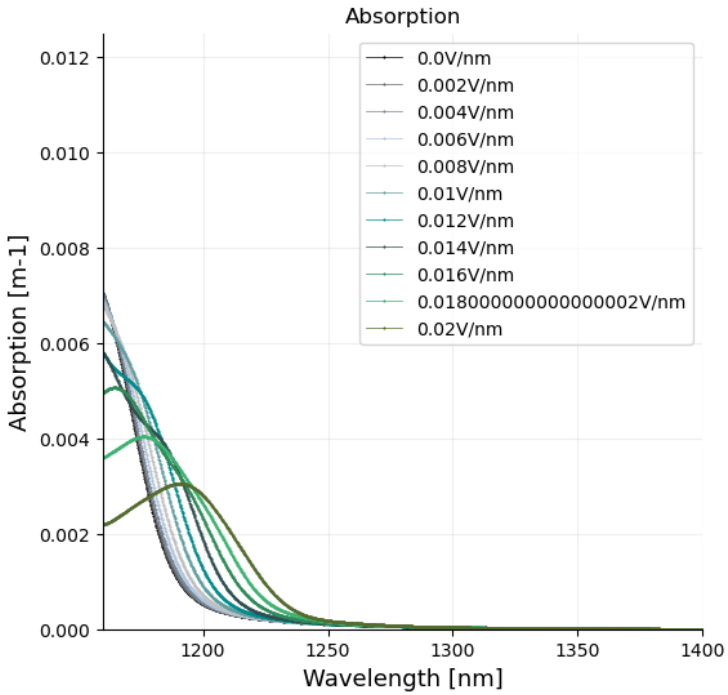


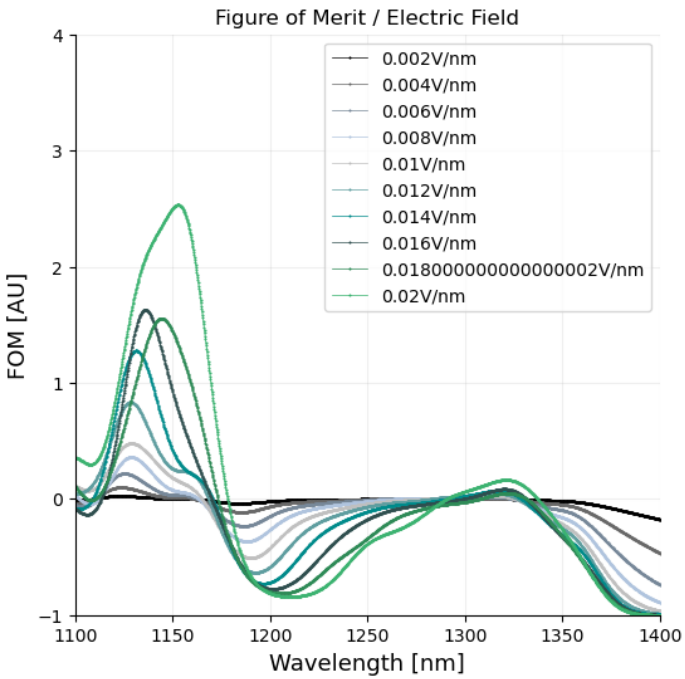


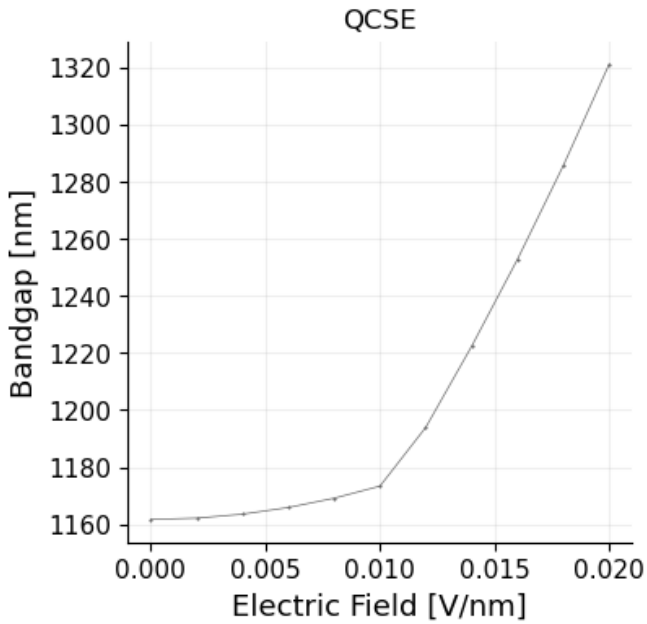


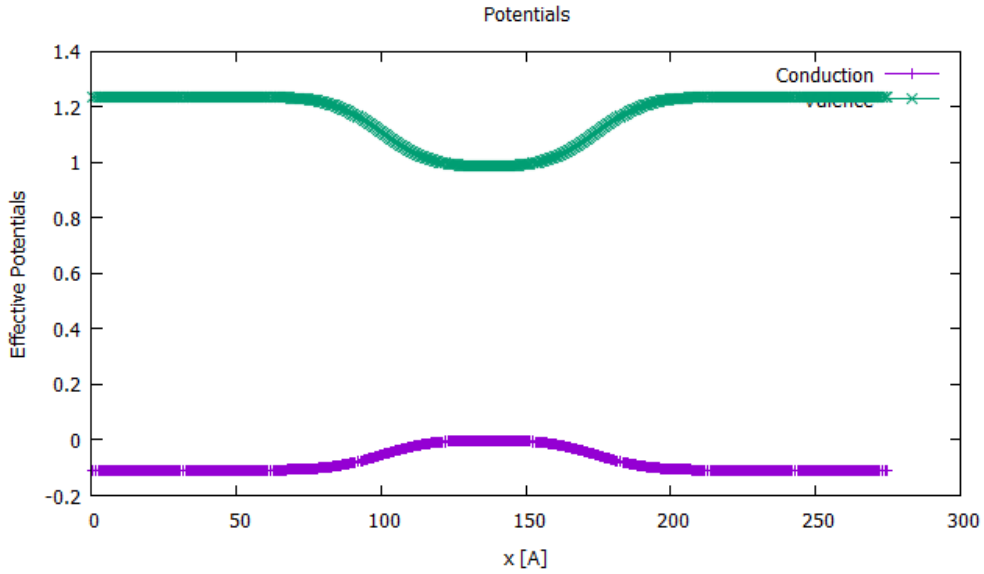


Intermixing strength 5%

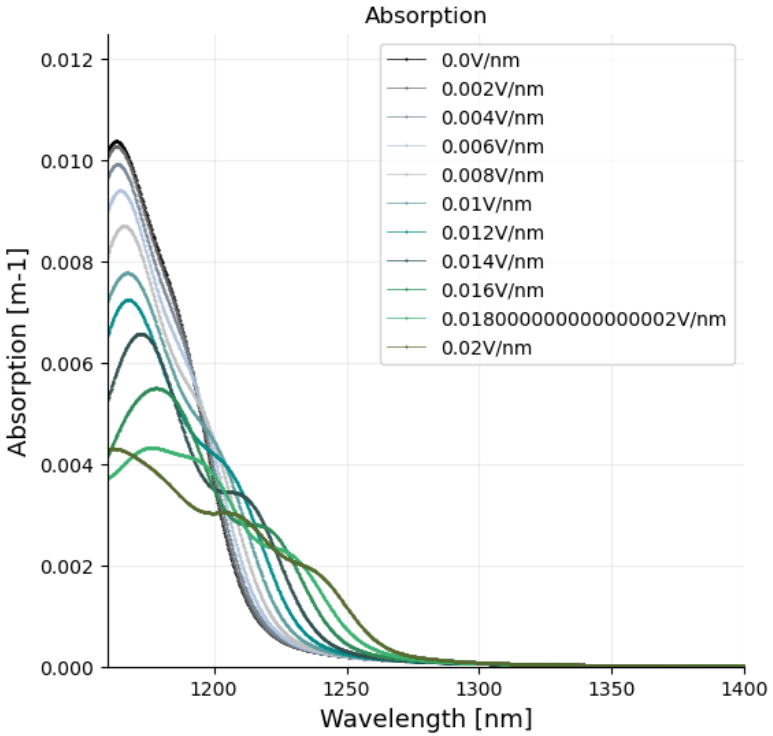


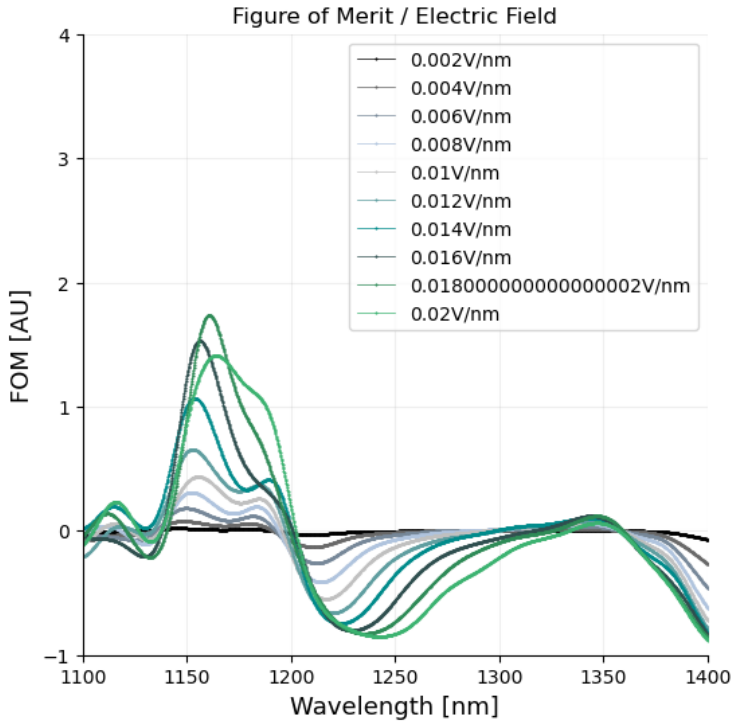


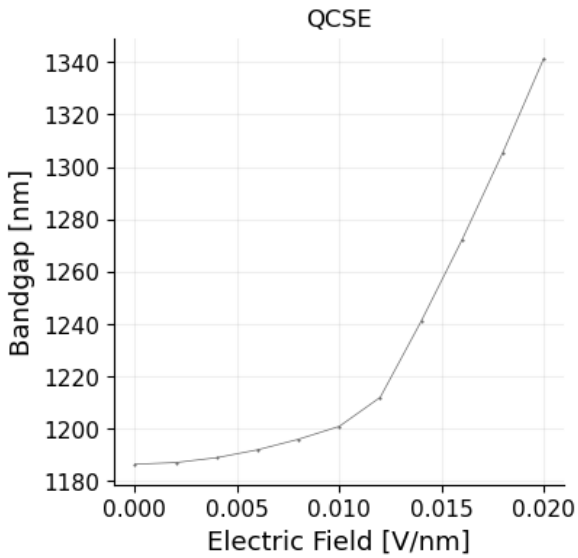


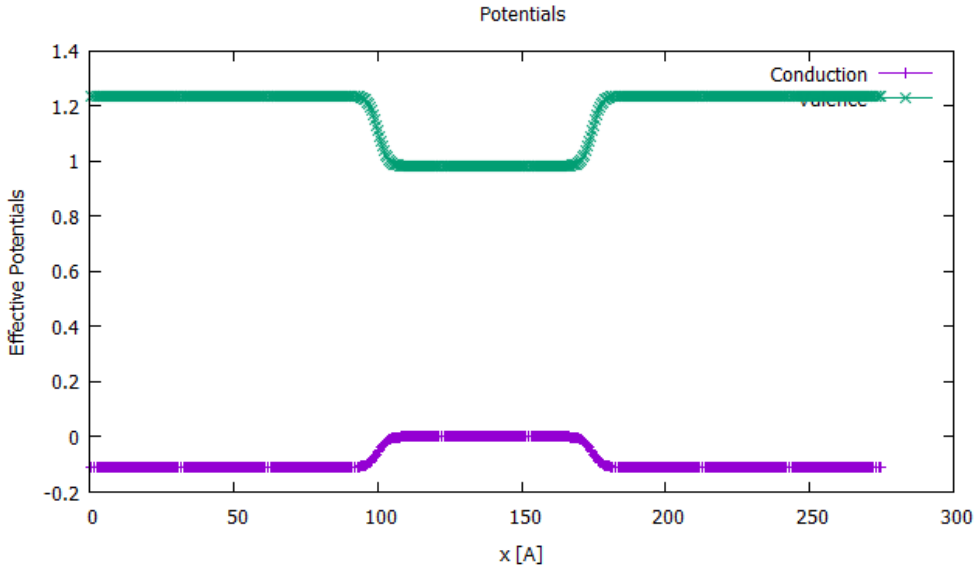


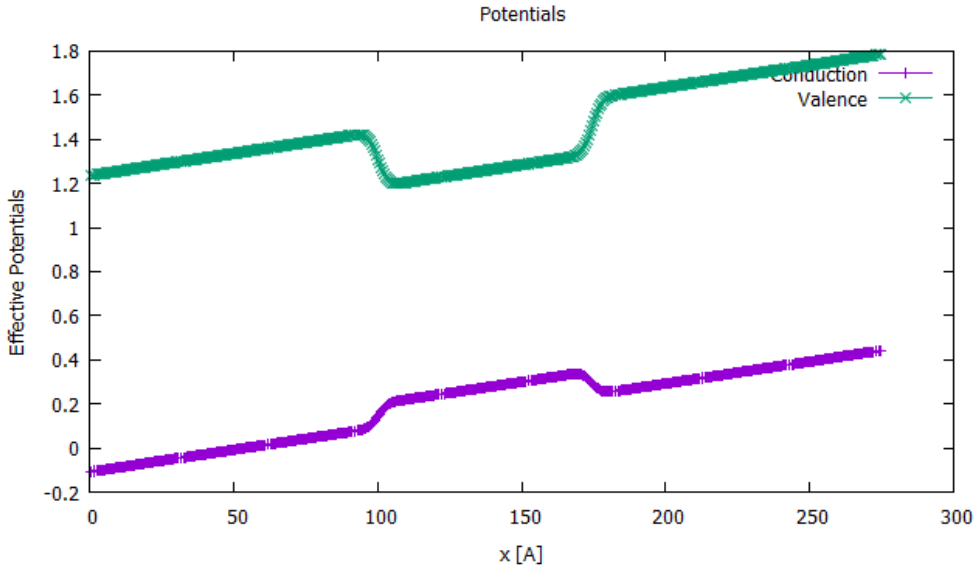
Intermixing strength 1%



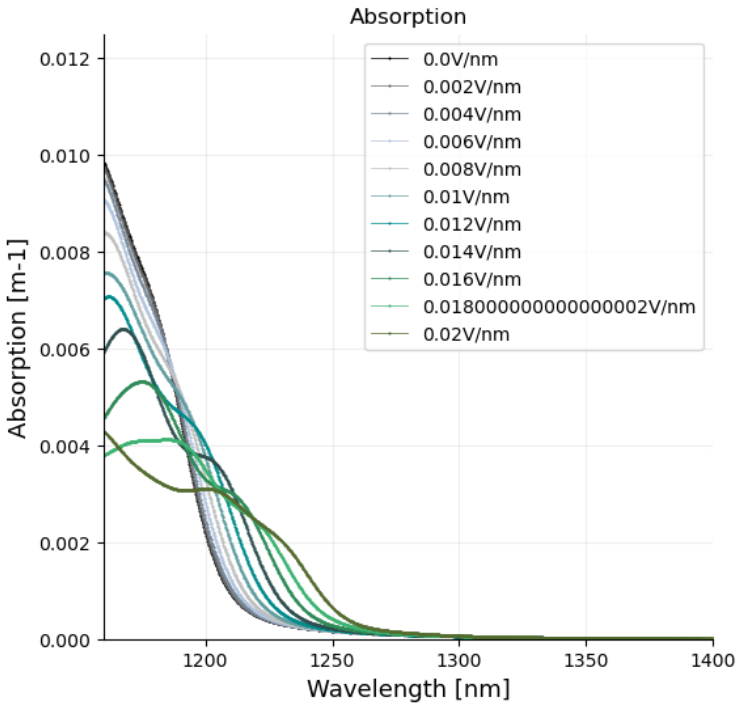


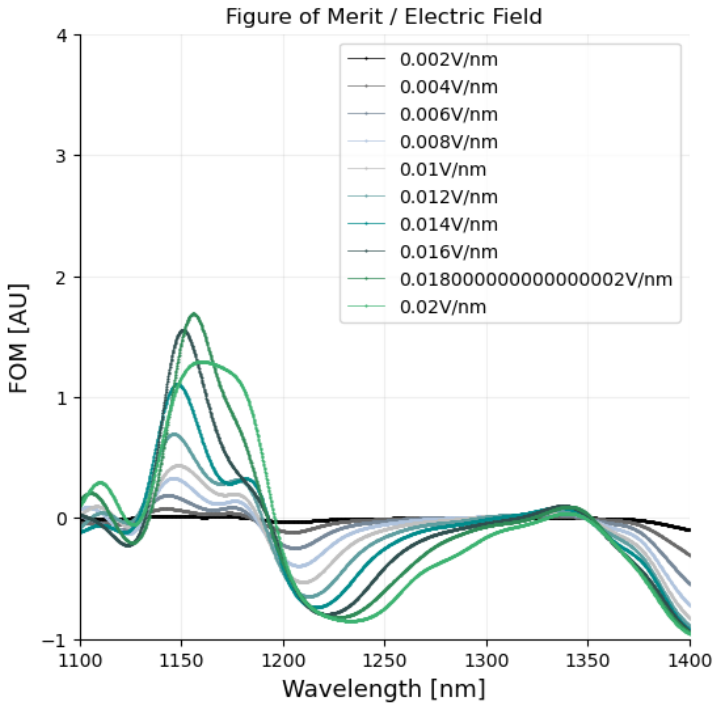


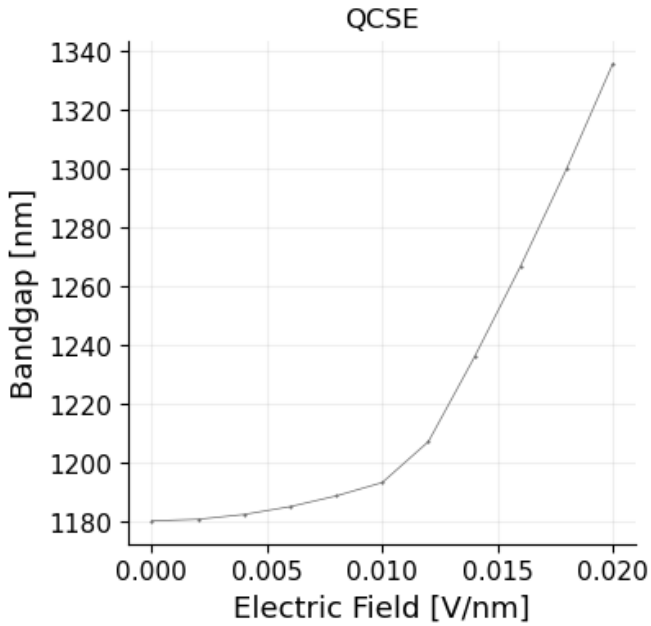


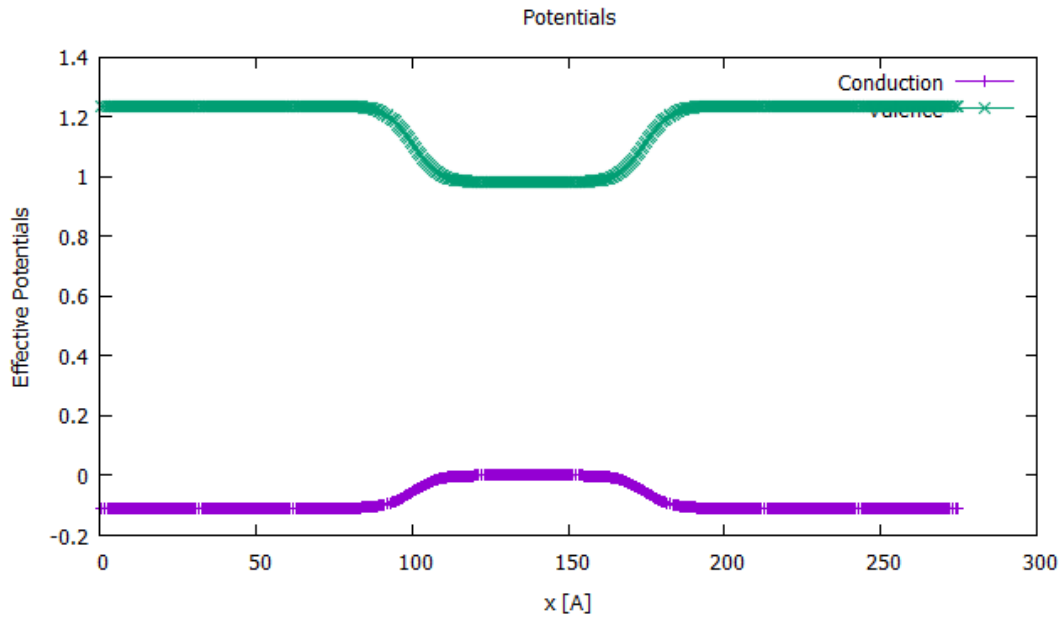


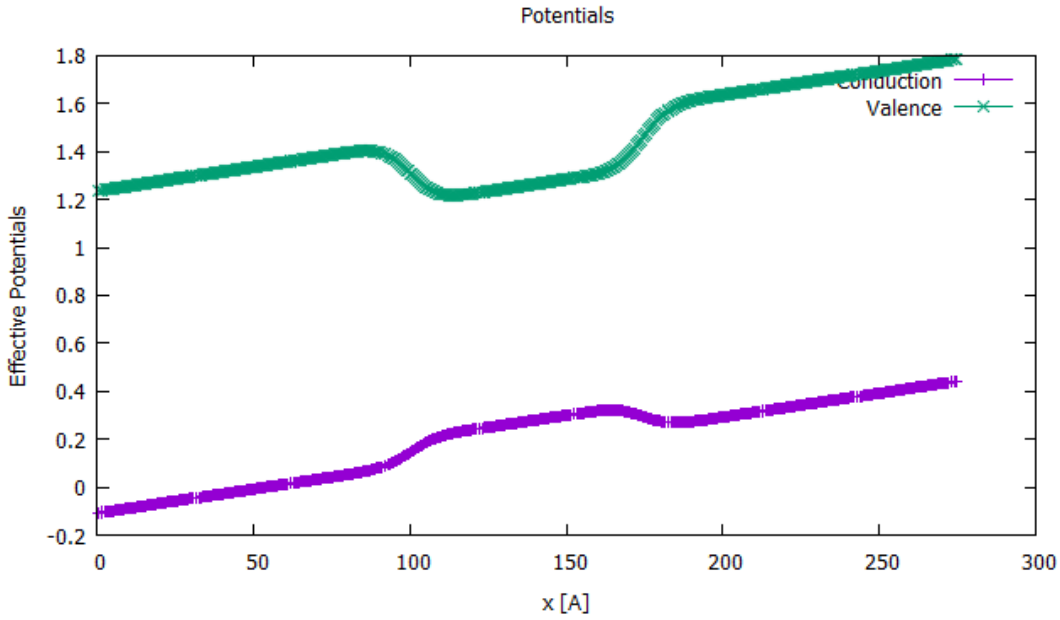
Intermixing strength 2.5%



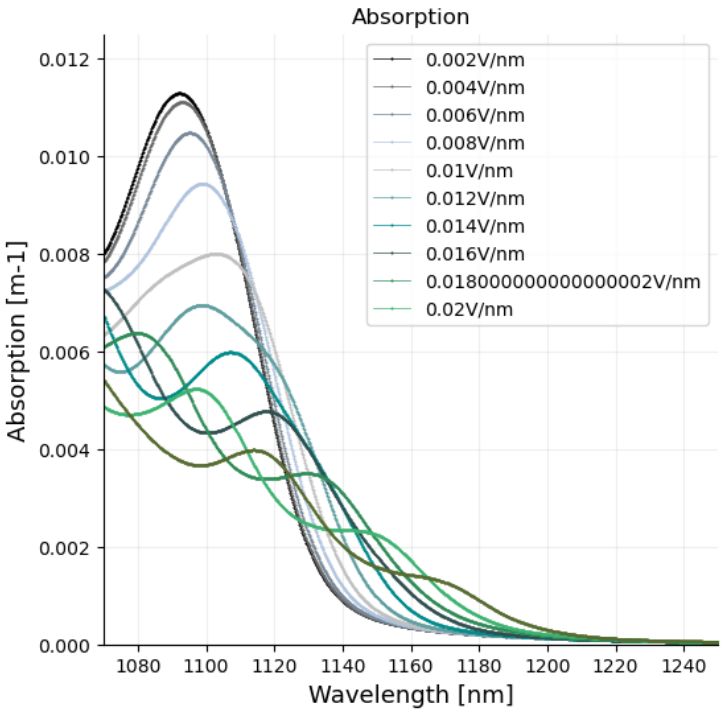


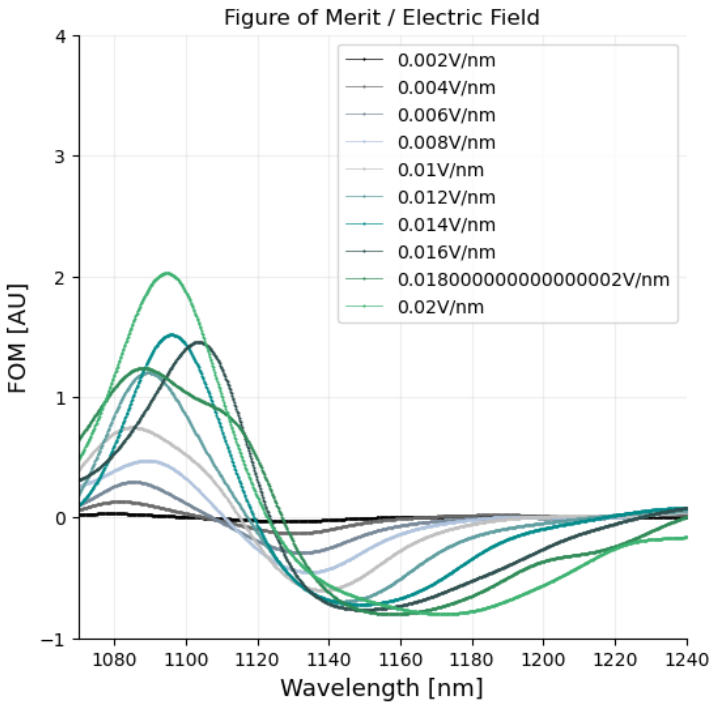


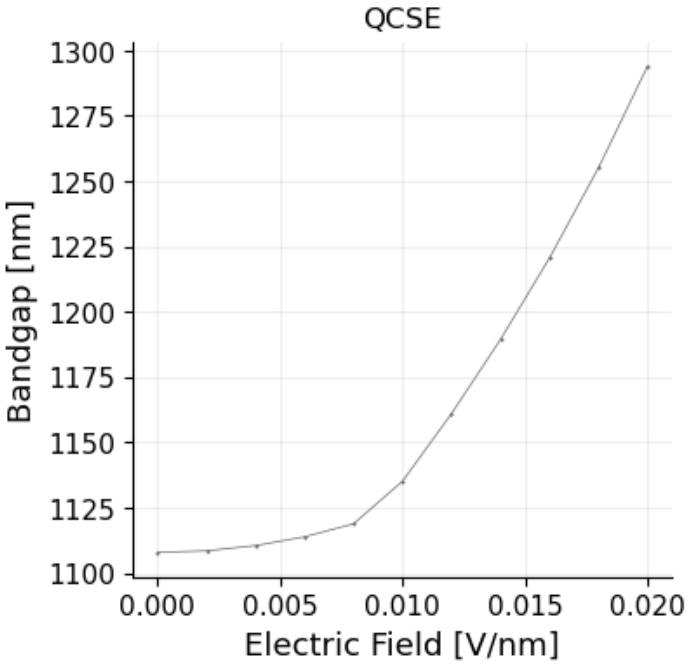


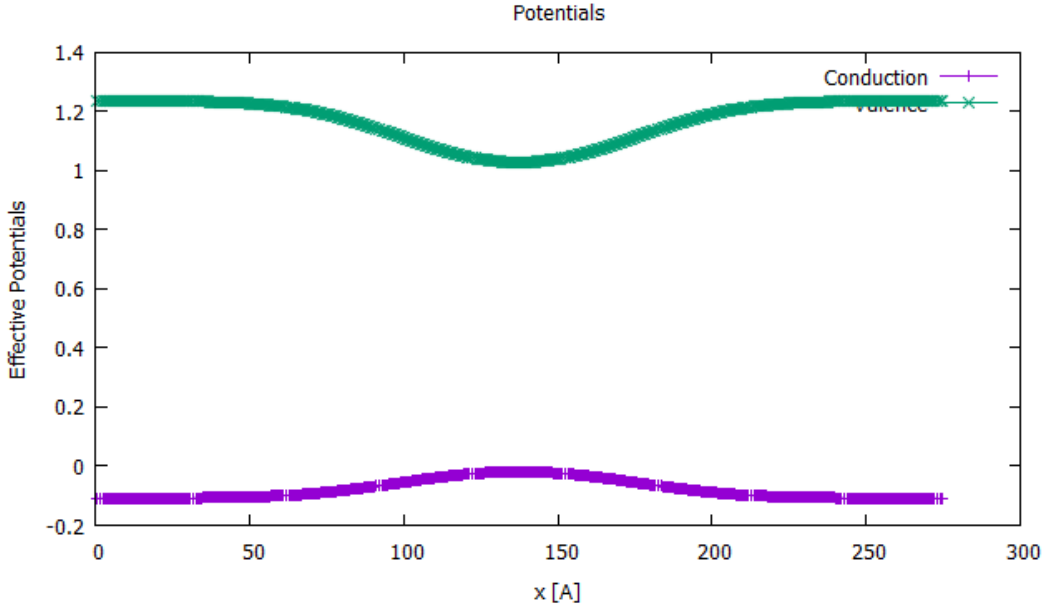


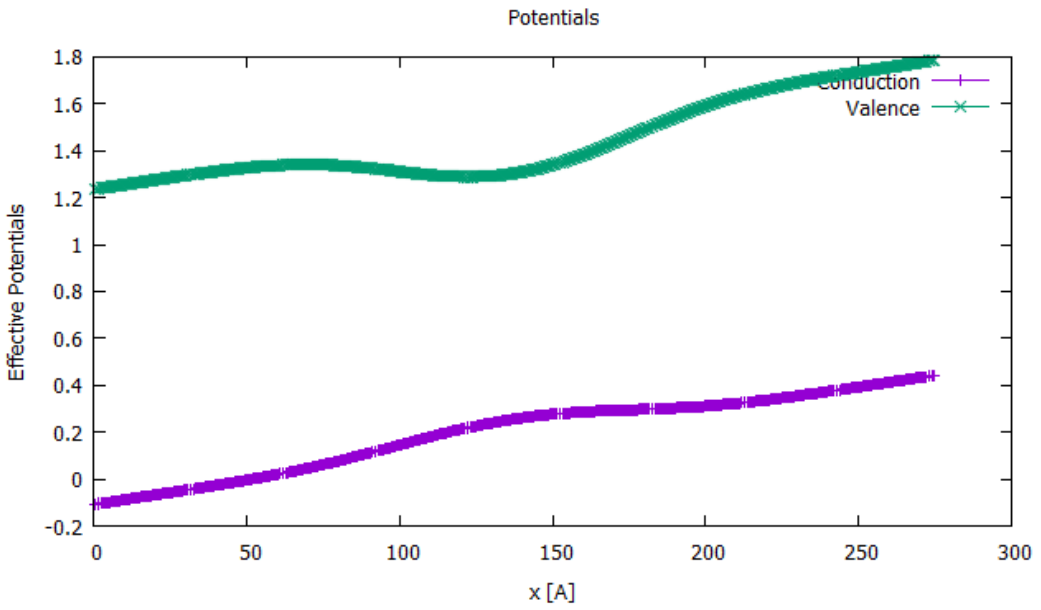
Intermixing strength 10%











```
AlGaInAs_two.display();
Layer layer2(AlGaInAs_two, 75); // Material, latyer thickness [A]
Layer layer1(InP, 100); // Material, latyer thickness [A]

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

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

```
double x = 0.124, y = 0.245;
Material AlGaInAs_two("Al_y Ga_x In_(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));
```