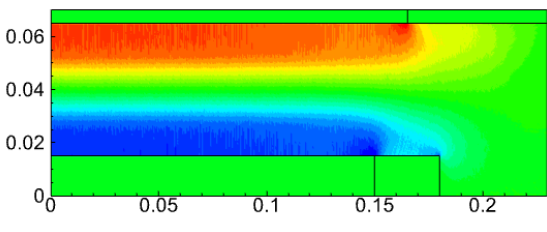
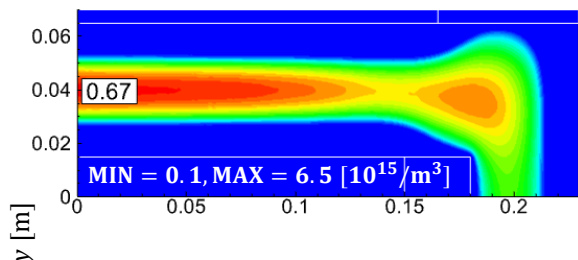


LF
1000 V

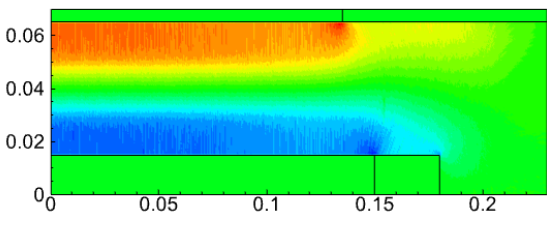
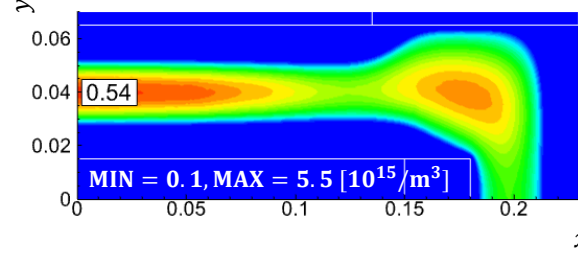
Time-Averaged Electron Density

Ion Flux in the y-direction

Case A



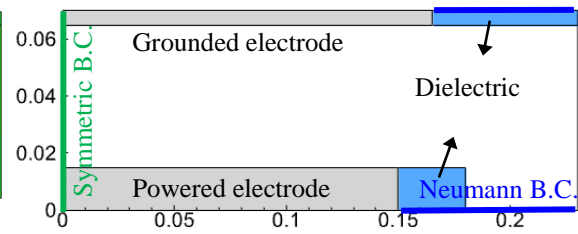
Case B



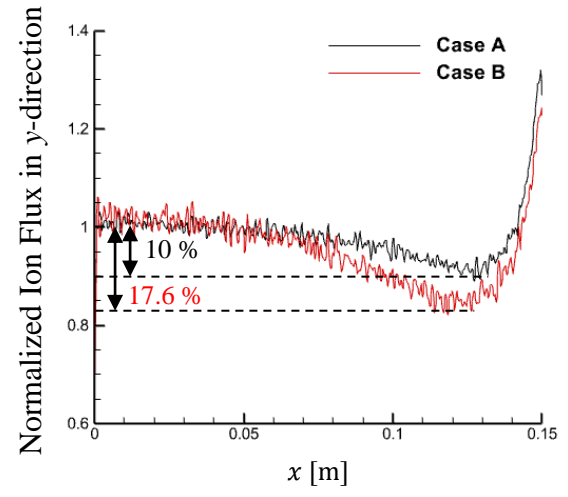
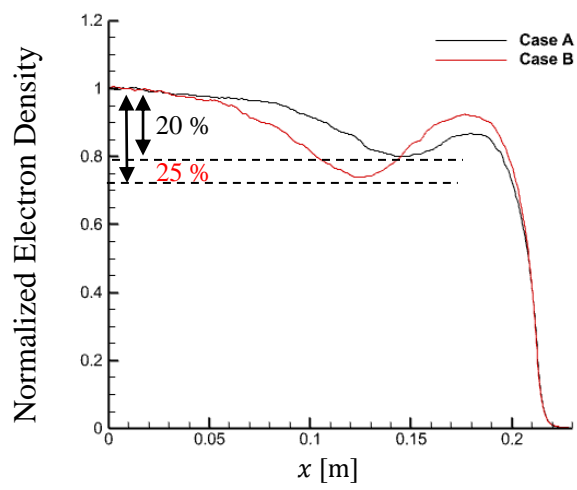
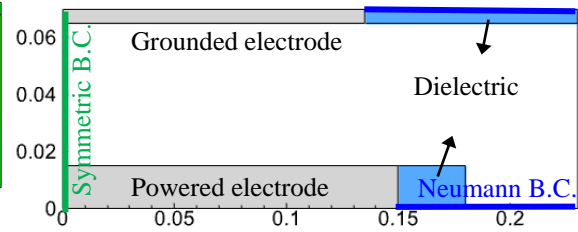
MIN [Color Bar] MAX

-6 [Color Bar] 6 [$\times 10^{18}/\text{m}^3\text{s}$]

Case A



Case B



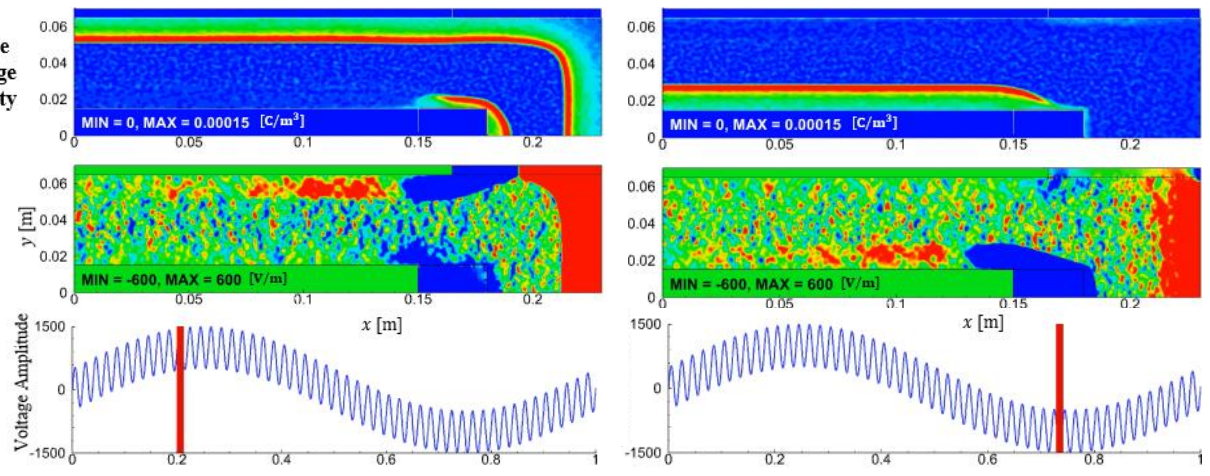
- Gas type : Argon
- Gas Pressure : 20 [mTorr]
- Time Step : 14.4 [ps]
- Gap Distance : 5 [cm]
- HF Frequency : 20 [MHz]
- LF Frequency : 400 [kHz]
- HF Voltage : 500 [V]
- LF Voltage : 1000 [V]
- Dielectric Constant : 4.0 for Quartz

LF
1000 V

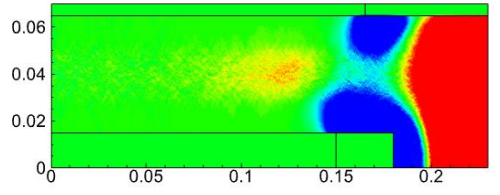
Space
Charge
Density

Case
A

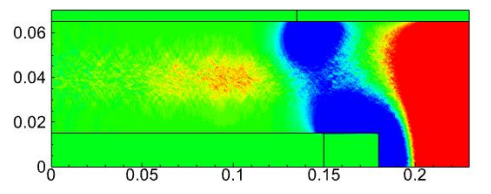
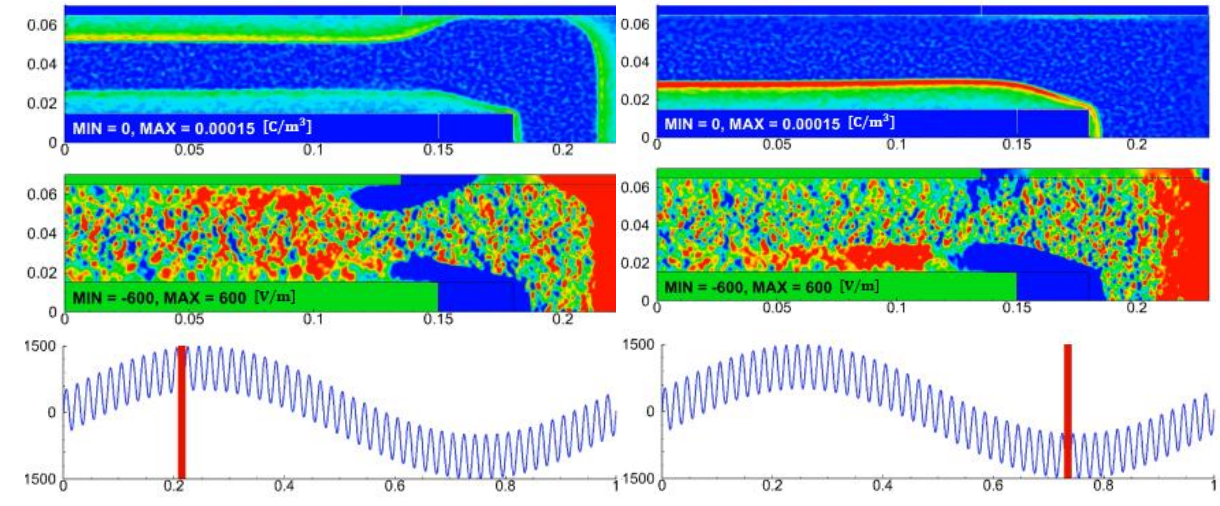
E_x



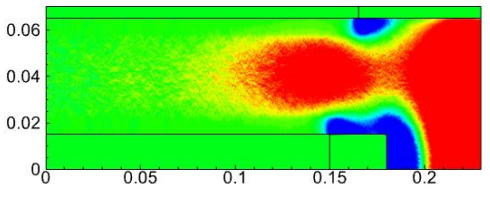
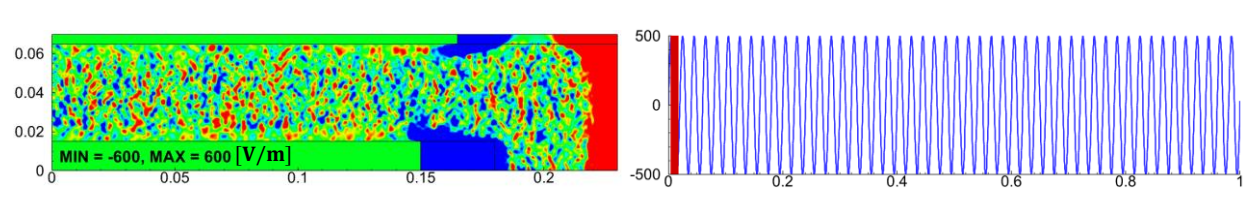
Ion Flux in the x-direction



Case
B



LF
0 V
Case A



MIN MAX

-5 5 [$\times 10^{17}/m^2s$]