

2020/3/18

- CASE EXAMPLE -

CCP Cleaning



<u>Model</u>





<u>Voltage</u>

WAVE FRONT CCP Cleaning



✓ Voltage on substrate has minus component of DC because of self-bias. (NOTE: Applied from power source is 500 V.)



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<u>Density</u>

WAVE FRONT CCP Cleaning

Electron Density averaged over a period

Ar Ion Density averaged over a period







<u>Energy</u>

WAVE FRONT CCP Cleaning

Electron Energy averaged over a period (per one particle)

Ar Ion Energy averaged over a period (per one particle)







WAVE FRONT CCP Cleaning





Ion Flux

WAVE FRONT CCP Cleaning





Surface Cleaning



