

## Question 6

**Q:** Can Femtet perform the analysis with surface impedance taken into account?

(Electromagnetic analysis/Hertz/Surface impedance)

**A:** Yes, Femtet can do it.

Surface impedance can be set to a boundary condition.

Please refer to the Femtet help menu below for more information.

*Home>How to Set Body Attribute, Material Property and Boundary Condition>Boundary Condition Tabs>Electric Tab*

Electric

Boundary Condition Type

Electric Wall  **Surface Impedance**  Multilayer Electrode

Open Boundary  Port  Electric Resistance

Magnetic Wall  Integral Path

Plating Wall  Lumped Constant

0 [S/m]

Electric Conductivity X10

0

Relative Permeability X10

1.0

-6 [m]

Surface Roughness X10

0.0