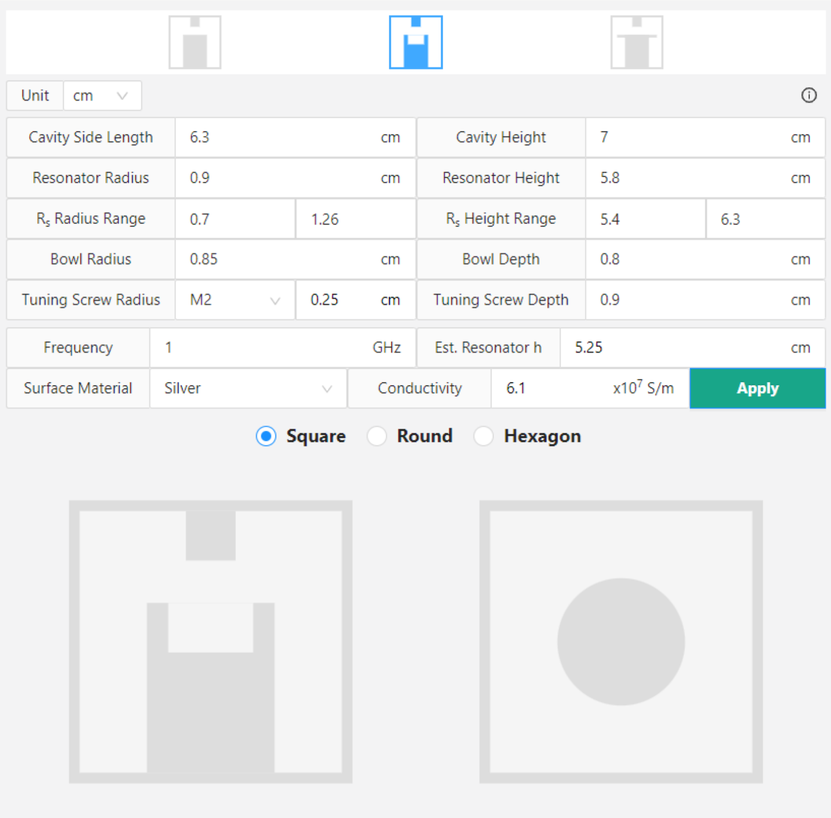
3D Modelling Function---Workflow Introduction

SYNMATRIX
Empowering RF Innovation

3D Modeling Function Workflow



- Supports various cavity resonator with different shapes;
- Frequency & Q curve analysis;
- Practical design consideration: Ex: Draft angle & Edge rounding;
- Dimension synthesis;

Cavity Analysis

Coupling Schemes

I/O Schemes

Fully 3D modelling

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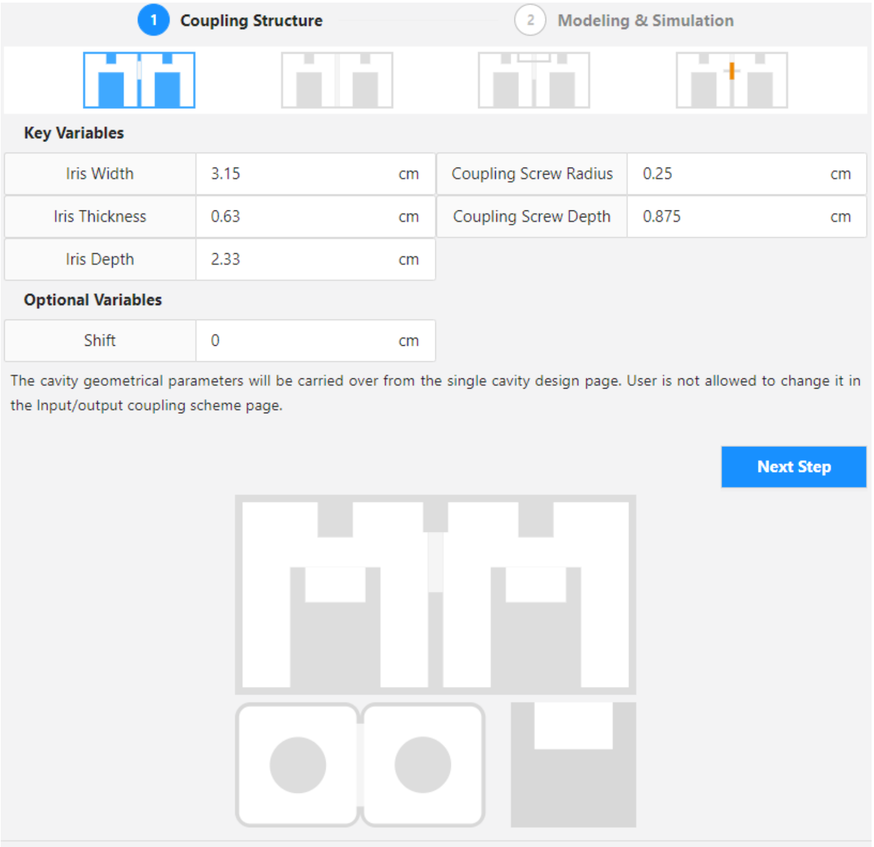
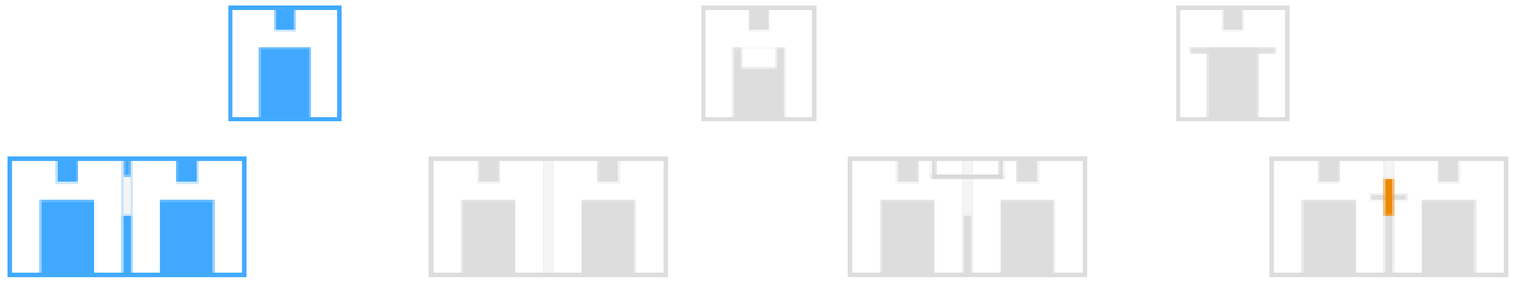


Ex: Coaxial Cavity



- Supports 4 major coupling schemes up to **45** different geometries ;
- Self-defined key variables parametric analysis;
- Curve fitting way to find the coupling coefficients;
- One-click auto-modelling;

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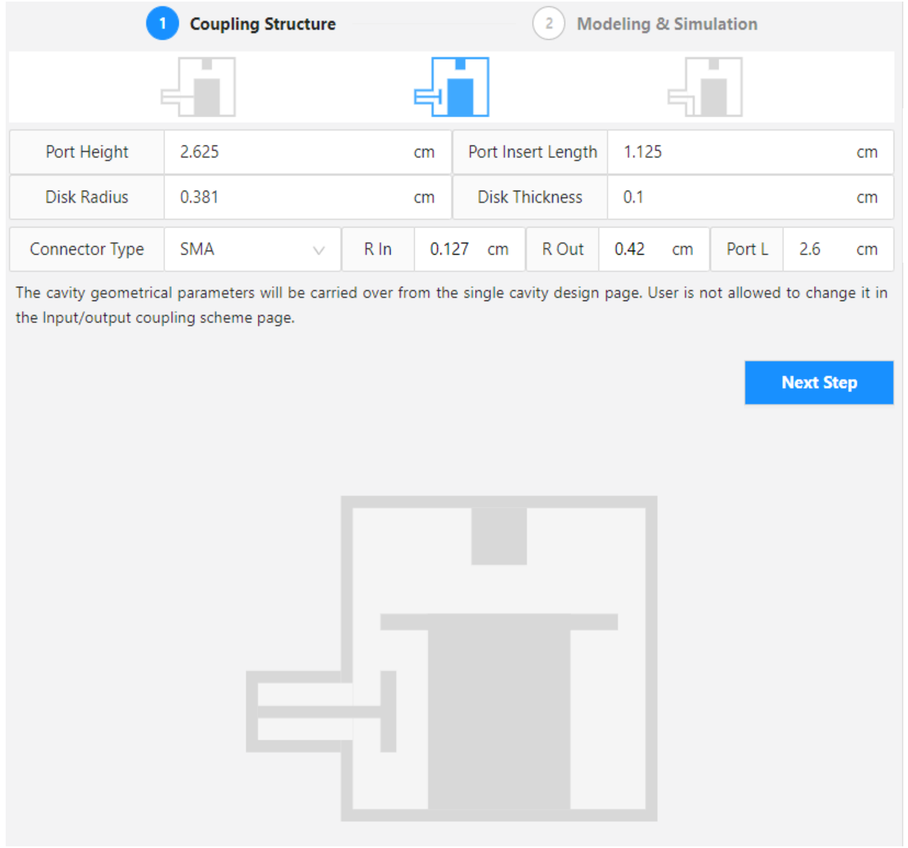
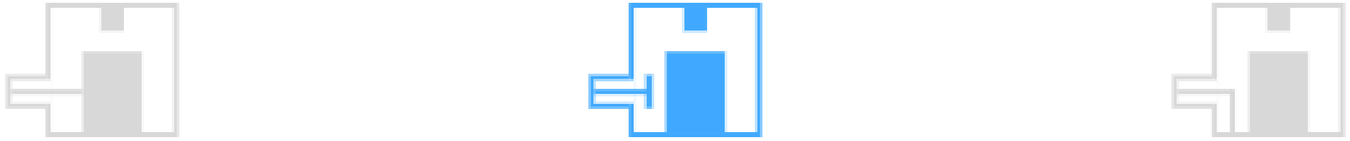


Ex: Coaxial Cavity



- Supports 3 major coupling schemes up to 9 different geometries ;
- One-click auto-modelling;
- Self-defined key variables parametric analysis;

Cavity Analysis

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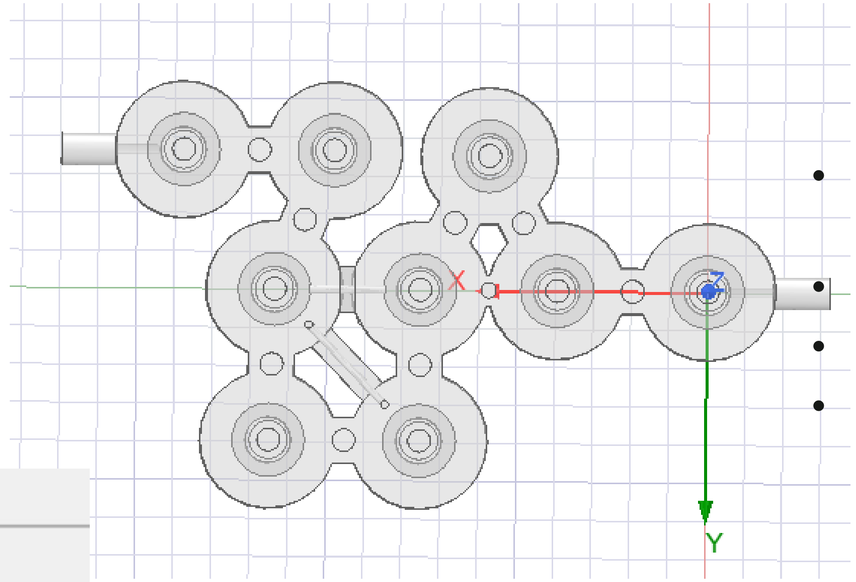
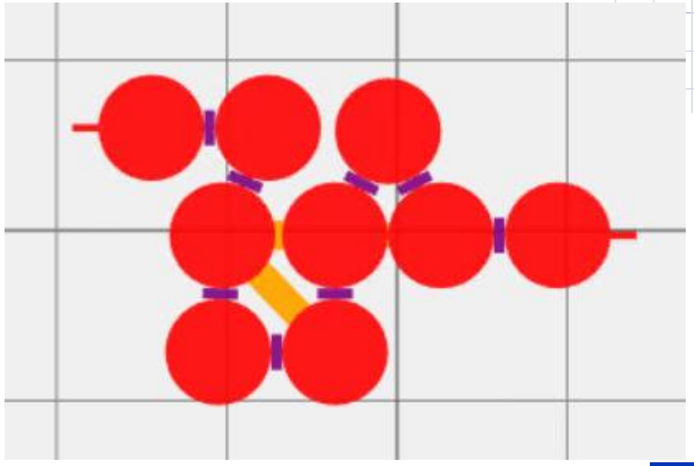


- Automatic generate the 3D model from user defined topology ;
- Support generic modelling layout design work;
- Cross coupled structure add-on;
- Uniform & Non-uniform layout definition;



Cavity Analysis

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