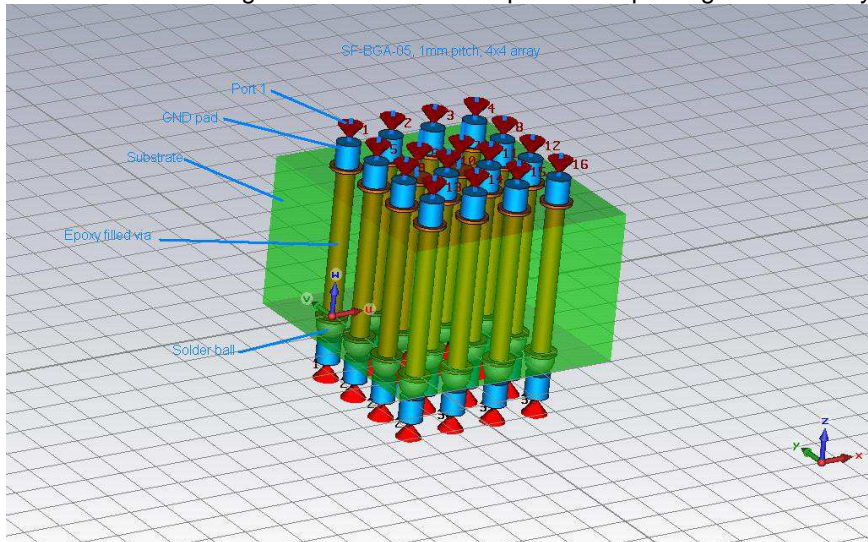# S-Parameter Simulation of 1mm pitch SF-BGAxxx-05 part

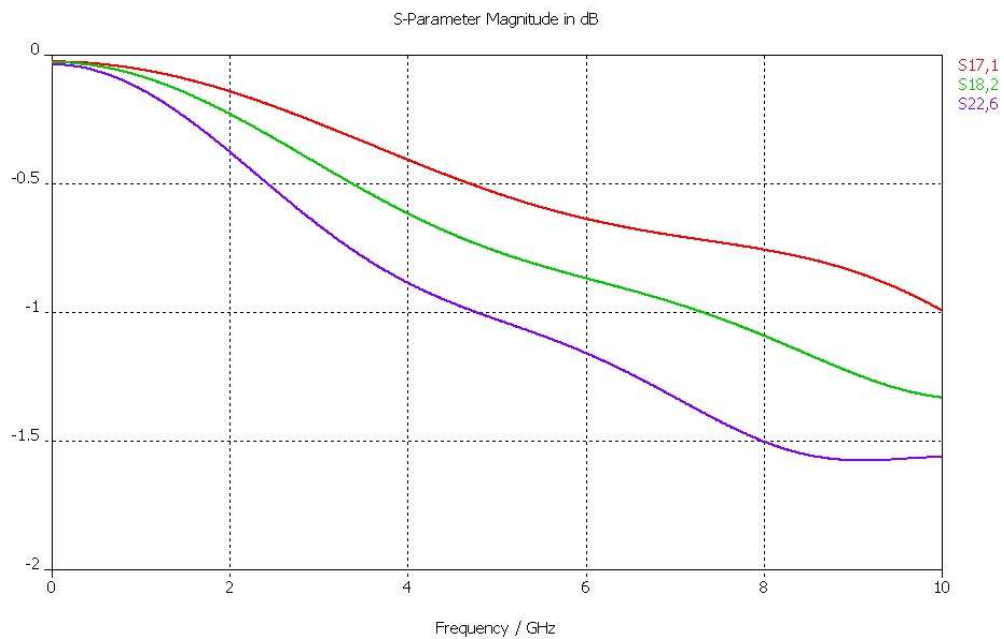## 1. Structure Visualization
This model was designed based on 1.0mm pitch BGA package in 4x4 array.
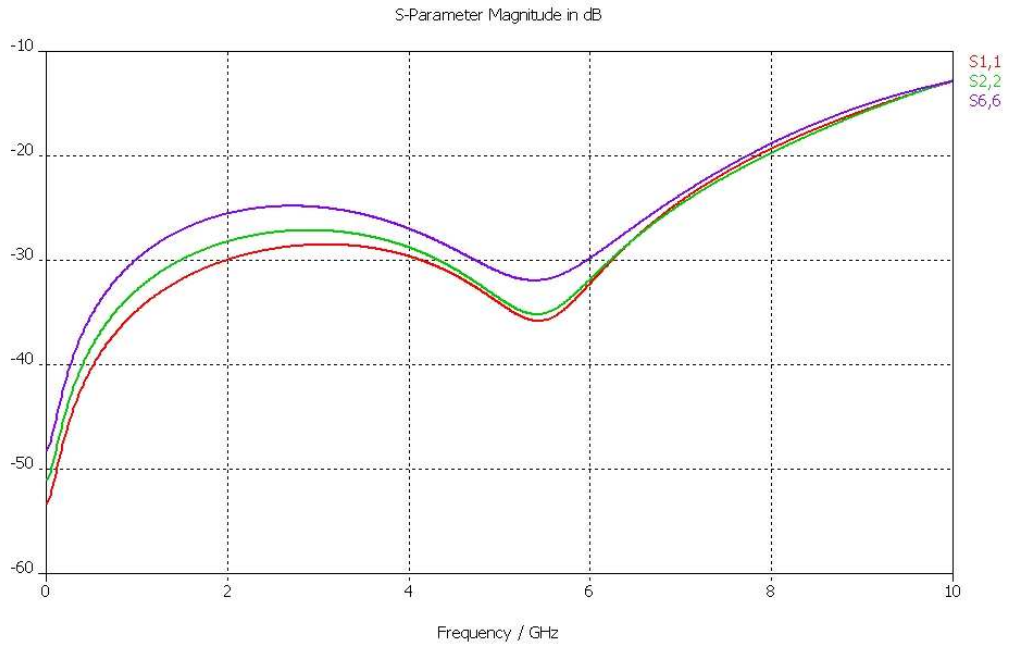

2. S-Parameter Results G-S-G configuration

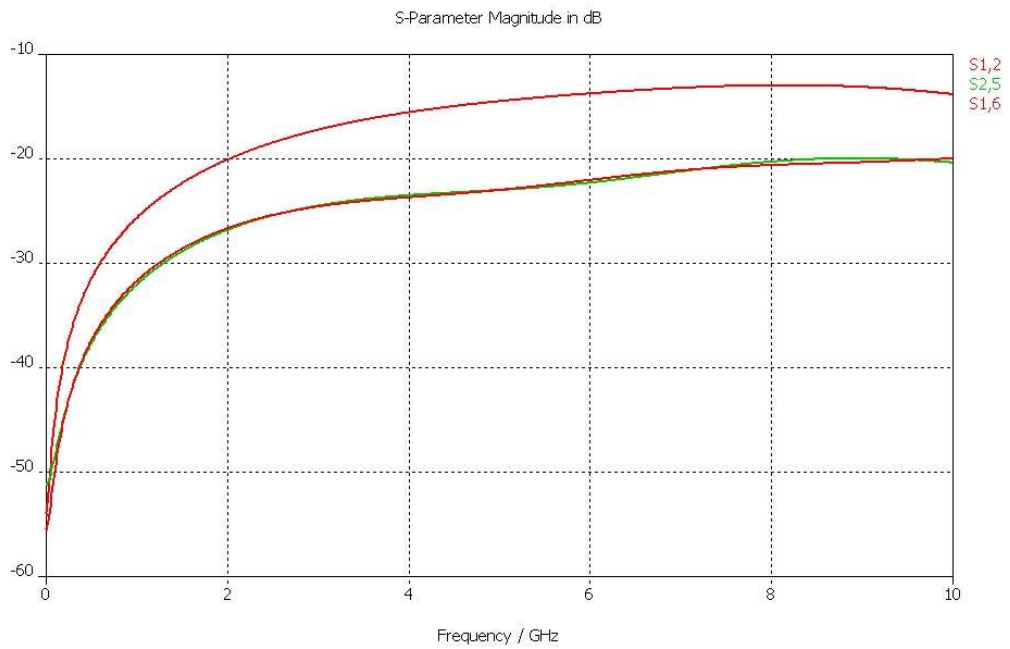The following plot shows the S-parameters as a function of frequency.

A. Typical Insertion Loss

B. Typical Signal Reflection (Return loss)

C. Typical Cross Talk

3. S-Parameter Results G-S-S-G configuration

The following plot shows the S-parameters as a function of frequency.
A. Typical Insertion Loss

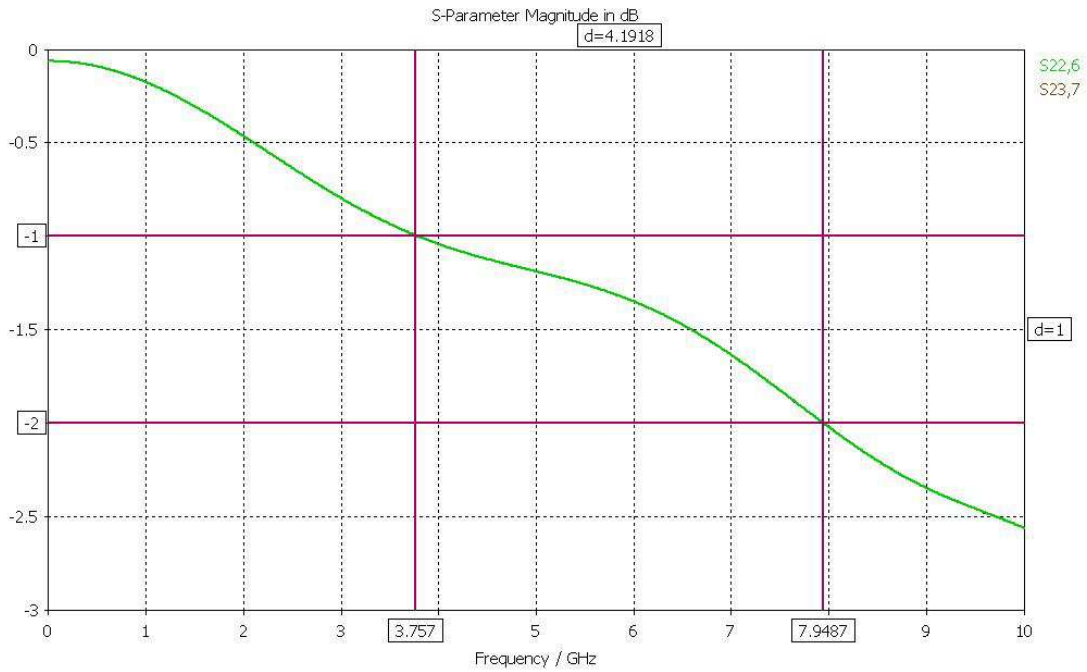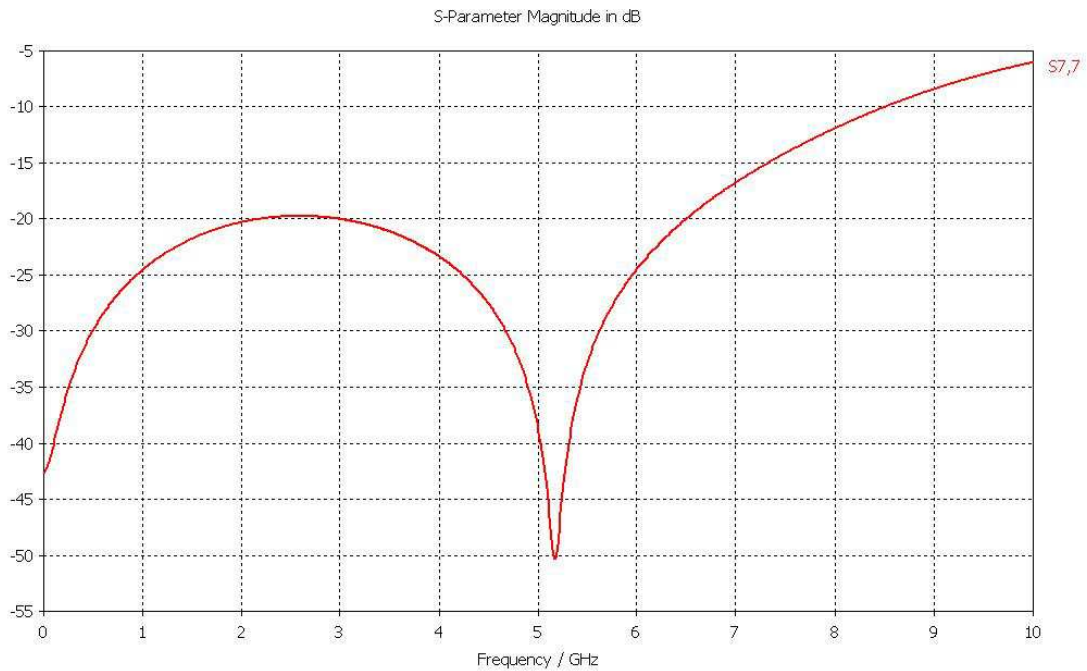### B. Typical Signal Reflection (Return loss)

C. Typical Cross Talk

S-Parameter Magnitude in dB