K-Wave Simulation

Phantom:

- Air-Kapton-Water entrance window 🗸
- Aluminium walls 🗸

Matrix Array:

- Center frequency: 3.5 MHz
 Bandwidth: 60%: Gaussian filter
- Distance from the entrance window: 54 mm \times 12 mm \checkmark •

Noise:

- Electrons 🗸
- Electronic noise 🗸

% Use 'shuffle' to set the seed based on the current time rng('shuffle'); st dev = 0.1;

Configurations



Matrix Array

Configurations











