



Simulation setup

Project name: hvgjv
 Frequency: 15 kHz

Simulated time: 1s
 Number of elements: 56 k
 Calculation time: 3min

Materials

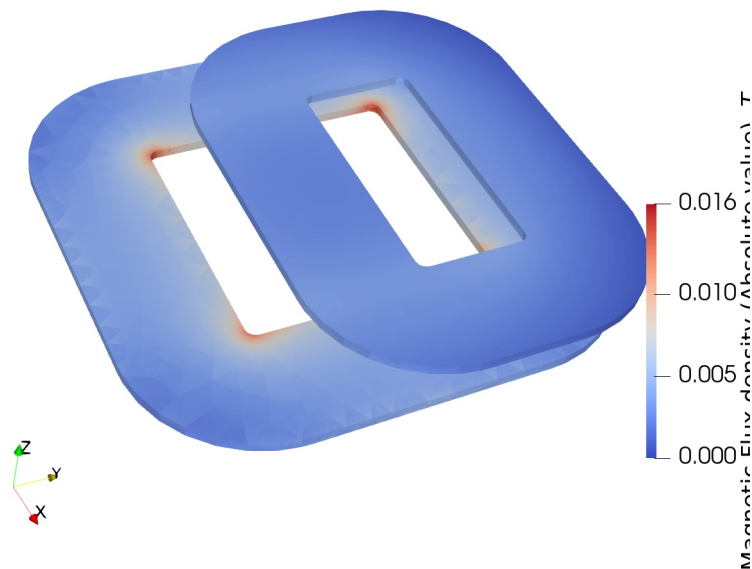
Domain	Material
Coil transmitter 1	Copper
Coil receiver 2	Copper

Boundary conditions

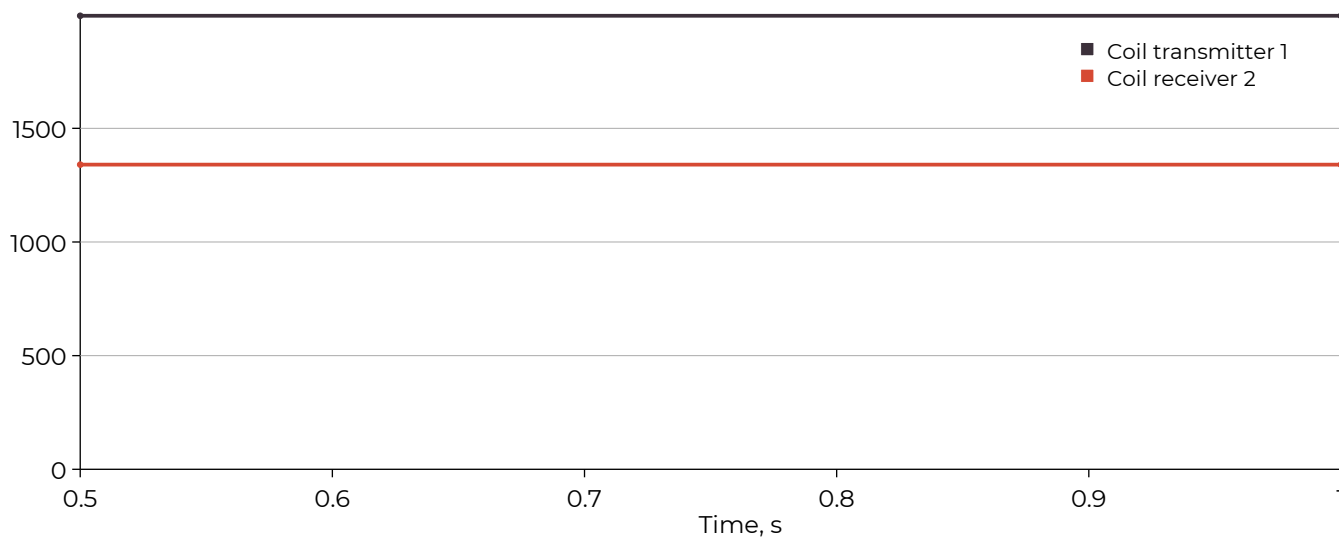
Boundary	Type	Value
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Result visualization

hvgjv



Q Factor





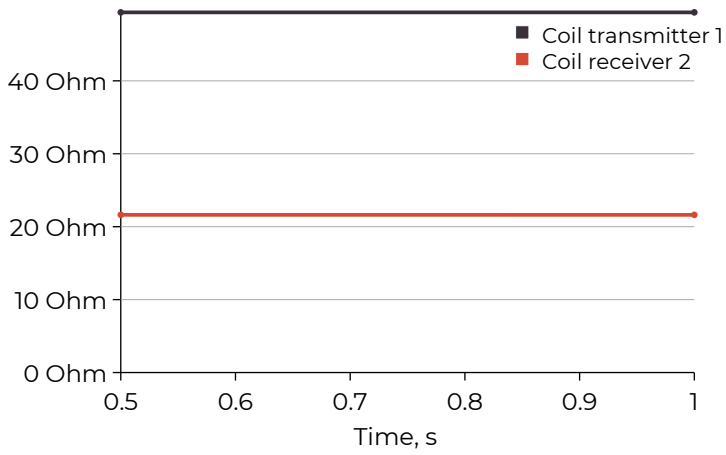
Coupling coefficients

Time, s	coil1	coil1_coil2	coil2
0.50	1.00e+00	5.96e-01	1.00e+00
1.00	1.00e+00	5.02e-01	1.00e+00

Total loss, W

Time, s	all
0.50	0.00 W
1.00	0.00 W

Impedance



Impedance, Ω

Time, s	coil1	coil1_coil2	coil2
0.50	49.39 Ω	19.47 Ω	21.62 Ω
1.00	49.39 Ω	16.41 Ω	21.62 Ω

Inductance, H

Time, s	coil1	coil1_coil2	coil2
0.50	524.01 μH	206.59 μH	229.44 μH
1.00	524.01 μH	174.15 μH	229.42 μH

Inductance

