

Input data

☒ Generate data from function

☐ Load input file

Open

Quantity to generate

☒ Apparent conductivity

☐ Quadrature component

☐ In-phase component

☐ Complex signal (Q & Ip)

☐ Complex signal (AppCond & Ip)

Device Configuration

Select device

Edit device

Refresh

Geophex GEM2 ▼

Distance

1.66 m

Frequency

[775;1175;3925;9825;21725;47025] Hz

Orientation

Vertical (HCP) ▼

Synthetic Dataset

Conductivity σ

Gaussian ▼

m 0.2

a 0.6

 θ 1

b 1.9

z0 1

Susceptibility χ

Gaussian ▼

m 0

a 0.6

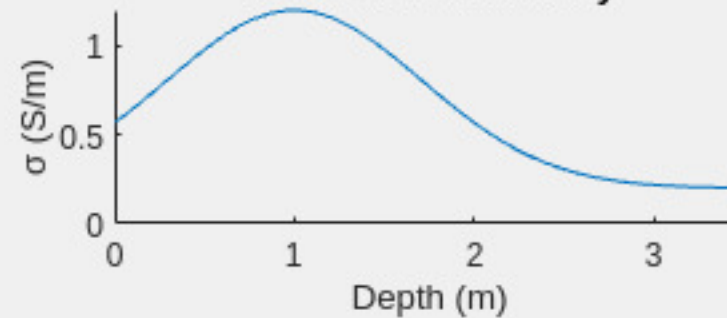
 θ 1

b 1.9

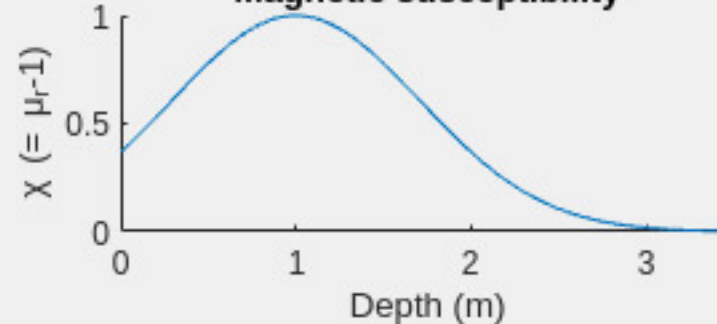
z0 1

Info for test profiles

Electrical conductivity



Magnetic susceptibility



Plot Options

☐ Induction number graph

☐ Sensitivity functions graph

☐ Cumulative response graph

☐ Skin depth graph

Response plot

Graph with respect to Frequency (Hz) ▼

☒ Display legend

Legend position

☐ Northwest

☒ Northeast

☐ Southwest

☐ Southeast

Graph scale

☐ Linear scale

☒ Logarithmic scale

Graphical analysis of response

Intercoil distance axis limits

Min. intercoil distance [m]

1

Max. intercoil distance [m]

5

Frequency axis limits

Min. frequency [Hz]

1

Max. frequency [Hz]

1e+05

Heigh axis limits

Min. height [m]

0.01

Max. height [m]

2

Save data

Run

Discretization

Number of layers

35

Min. height [m]

0.1

Number of heights

1

Maximum depth [m]

3.5

Max. height [m]

1