

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 GEM-2 1 ▼

Distance

1.66 m

Frequency

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

Orientation

Both ▼

Synthetic Dataset

Model conductivity σ

Gaussian ▼

m 0.2 ▴ ▾

a 0.6 ▴ ▾

 ϑ 1 ▴ ▾

b 1.9 ▴ ▾

z0 1 ▴ ▾

Model relative permeability μ_r

Gaussian ▼

m 0.2 ▴ ▾

a 0.6 ▴ ▾

 ϑ 1 ▴ ▾

b 1.9 ▴ ▾

z0 1 ▴ ▾

Info for test profiles

Discretization

Number of layers

35 ▴ ▾

Maximum depth [m]

3.5 ▴ ▾

Min. height [m]

0.1 ▴ ▾

Max. height [m]

1 ▴ ▾

Number of heights

1 ▴ ▾

Plot Options

☐ Induction number graph☐ Skin depth graph☐ Sensitivity functions graph

Graph with respect to

Frequency (Hz) ▼

☒ Display legend

Legend position

☒ Northeast☐ Southeast☐ Northwest☐ Southwest

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+08

Heigh axis limits

Min. height [m]

0.01

Max. height [m]

2

Warning



You must select a file for input data!

OK

Save data

Run