

Physical quantity to be inverted		Data to be inverted		Inversion options	
<input checked="" type="radio"/> Electrical Conductivity <input type="radio"/> Magnetic Permeability		<input checked="" type="radio"/> Synthetic data <input type="radio"/> Experimental data		<input type="text"/> <input type="button" value="Open"/>	
Device Configuration		Data management			
Select device	<input type="button" value="Edit device"/> <input type="button" value="Refresh"/> Geophex GEM2 ▼	<input checked="" type="checkbox"/> Invert all	Number of columns <input type="text"/>	Signal component <input type="text" value="Quadrature compon..."/> ▼	
Distance	1.66 m	<input checked="" type="checkbox"/> Pcolor plot	Column to invert <input type="text" value="1"/>	In-phase scaling parameter <input type="text" value="1"/>	
Frequency	[775;1175;3925;9825;21725;47025] Hz	<input type="checkbox"/> Average of all columns	<input checked="" type="checkbox"/> Use default parameters		
Orientation	Vertical (HCP) ▼	Force orientation	Don't force ▼		
				Stop tolerance <input type="text" value="1.000000e-04"/>	
				Maximum number of iteration <input type="text" value="60"/>	
				<input type="checkbox"/> A priori solution	
				<input type="button" value="Standard solution"/> ▼	
				<input type="checkbox"/> Upload input model <input type="text"/> <input type="button" value="Open"/>	
				Initial constant solution $\sigma$ <input type="text" value="0.5"/>	
				Initial constant solution $\mu$ (relative) <input type="text" value="2"/>	
				Jacobian computation <input type="text" value="Analytical Jacobian"/> ▼	
Synthetic Dataset					
Conductivity $\sigma$ <input type="text" value="Gaussian"/> ▼					
m <input type="text" value="0.2"/>	a <input type="text" value="0.6"/>				
$\theta$ <input type="text" value="1"/>	b <input type="text" value="1.9"/>				
z0 <input type="text" value="1"/>					
Susceptibility $\chi$ <input type="text" value="Gaussian"/> ▼					
m <input type="text" value="0"/>	a <input type="text" value="0.6"/>				
$\theta$ <input type="text" value="1"/>	b <input type="text" value="1.9"/>				
z0 <input type="text" value="1"/>					
<input type="button" value="Info for test profiles"/>					
Discretization		Noise		Regularization	
Number of layers	<input type="text" value="60"/>	Number of heights	<input type="text" value="1"/>	Regularization matrix <input type="text" value="Second derivative"/> ▼	
Maximum depth [m]	<input type="text" value="3.5"/>	Max. height [m]	<input type="text" value="1"/>	Type of regularization matrix <input type="text" value="Derivative"/> ▼	
		Noise level	<input type="text" value="1.000000e-03"/>	Parameter for MGS <input type="text" value="1.000000e-08"/>	
		Off <input type="checkbox"/>	Locked <input type="checkbox"/>	Methods to choose the regularization parameter	
		<input checked="" type="checkbox"/> Corner			
		<input type="checkbox"/> Quasihyb			
		<input type="checkbox"/> Optimal			
		<input type="checkbox"/> Discrepancy			
		Tau for discrepancy <input type="text" value="1.1"/>			
		<input type="checkbox"/> Fixed			
		Truncation parameter <input type="text" value="1"/>			
		<input type="button" value="Save data"/> <input type="button" value="Run"/> <input type="button" value="Stop"/>			