

#1295: HyperGraph – Scaling axes to Logarithmic

Product: HyperGraph

Product Version: HyperGraph 12.0 or above

Topic Objective

Scaling axes to logarithmic in HyperGraph.

Topic Details

Axes can be represented by a **Linear**, **Logarithmic**, **dB10**, or **dB20** scale. A different scale can represent each axis. Use the radio buttons to select the appropriate scale for each axis.

Analysis results for the modal Frequency response analysis using HyperGraph.

Click the Build Plots button to bring up the Build Plots panel and then open.h3d file.

For Subcase: select Subcase 2 (Modal_FRF), and ensure that X Type: is set to Frequency.

For Y Type: select Displacement (Grids), for Y Request: select N1, and for Y Component: select MAG|Y. Click Apply.

The plot of the magnitude of the Y-displacement response of node 1 is plotted in the window.

Select the Axes button to enter the Axes panel. Change the drop-down from Horizontal to Vertical.

Click the Scale and Tics tab and set the axis scaling to Logarithmic. Set the Min: to 1e-4 and the Max: to 1e5. Click Apply.

The selected scaling is applied to the vertical axis of the plot.

