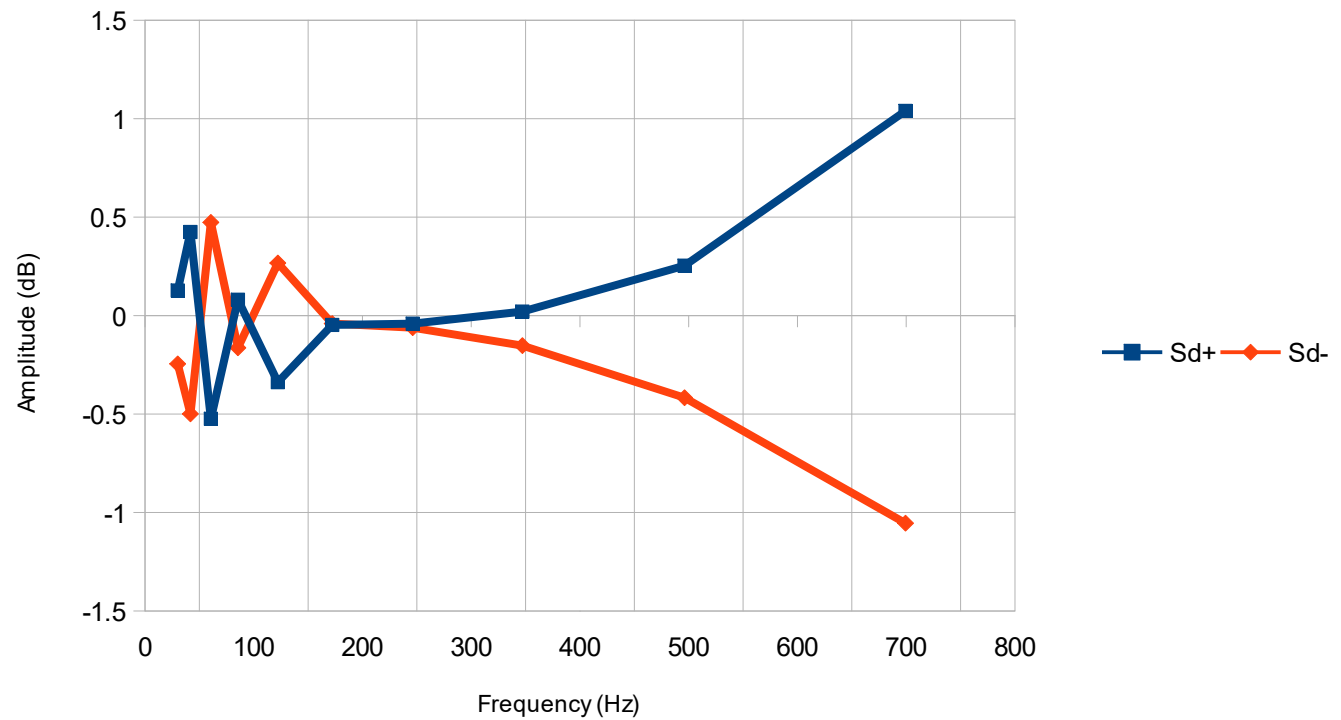


# Klipsch Parameter Sensitivity

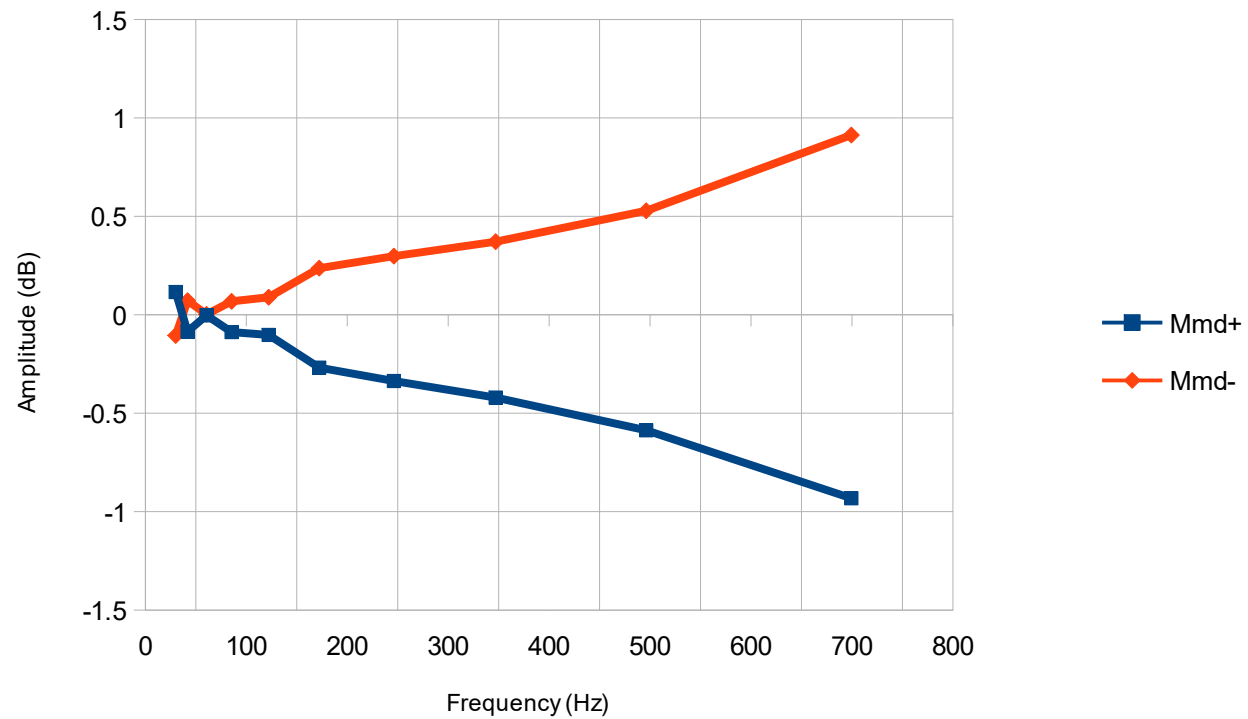
Use a modified Design of Experiments (DOE) to determine parameter sensitivities for the classic Klipsch Bass Horn

This is done by changing each default parameter by  $\pm 10\%$  and observing the resulting change in amplitude (dB).

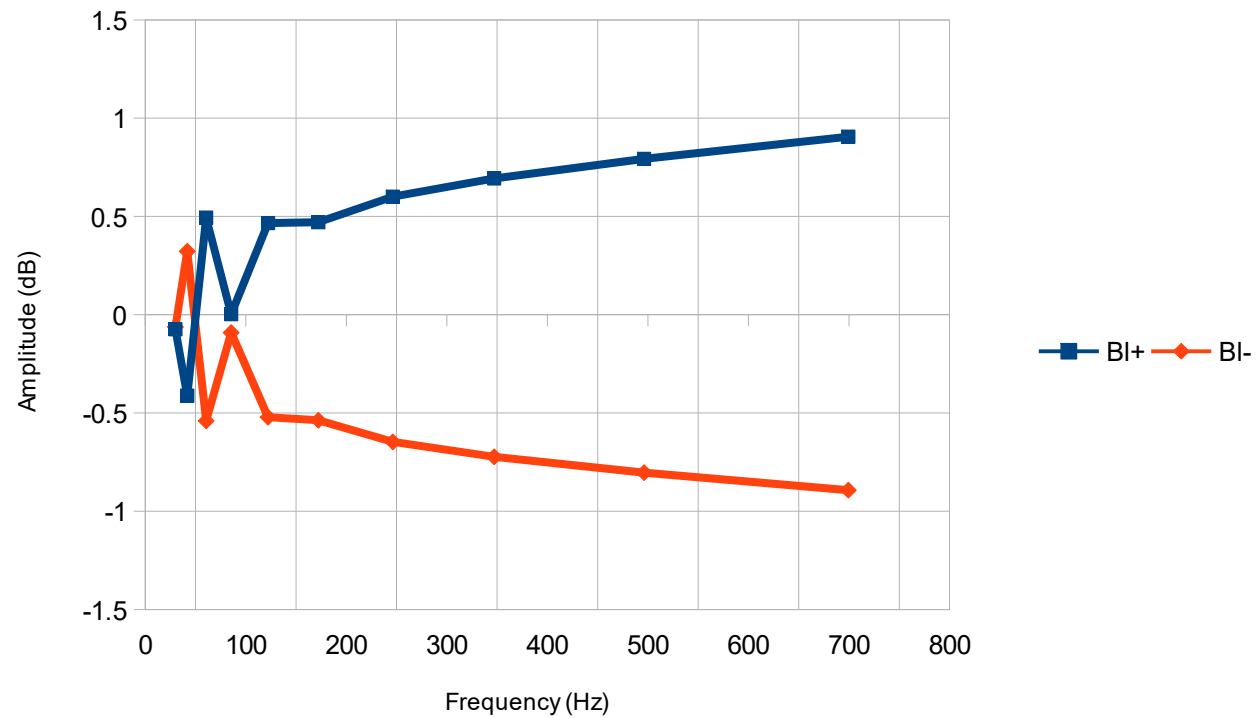
# Driver Diaphragm Piston Area



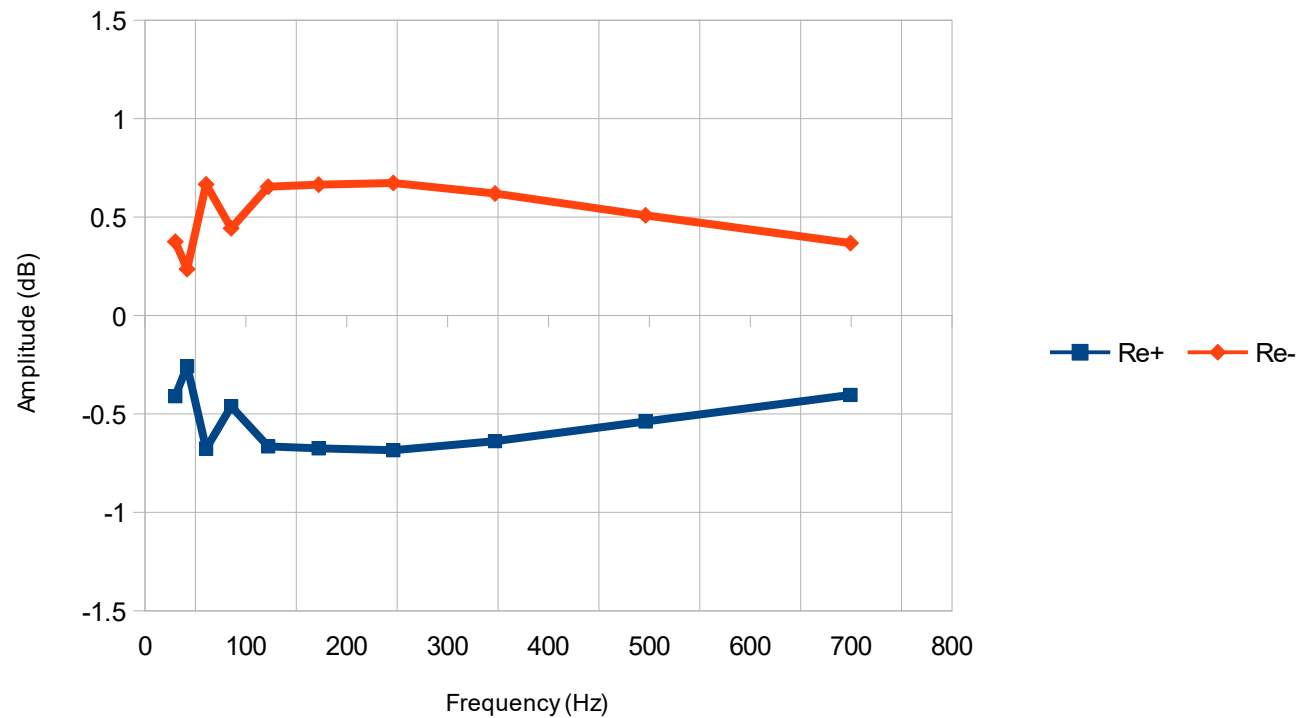
# Driver Diaphragm/Voice Coil Mass



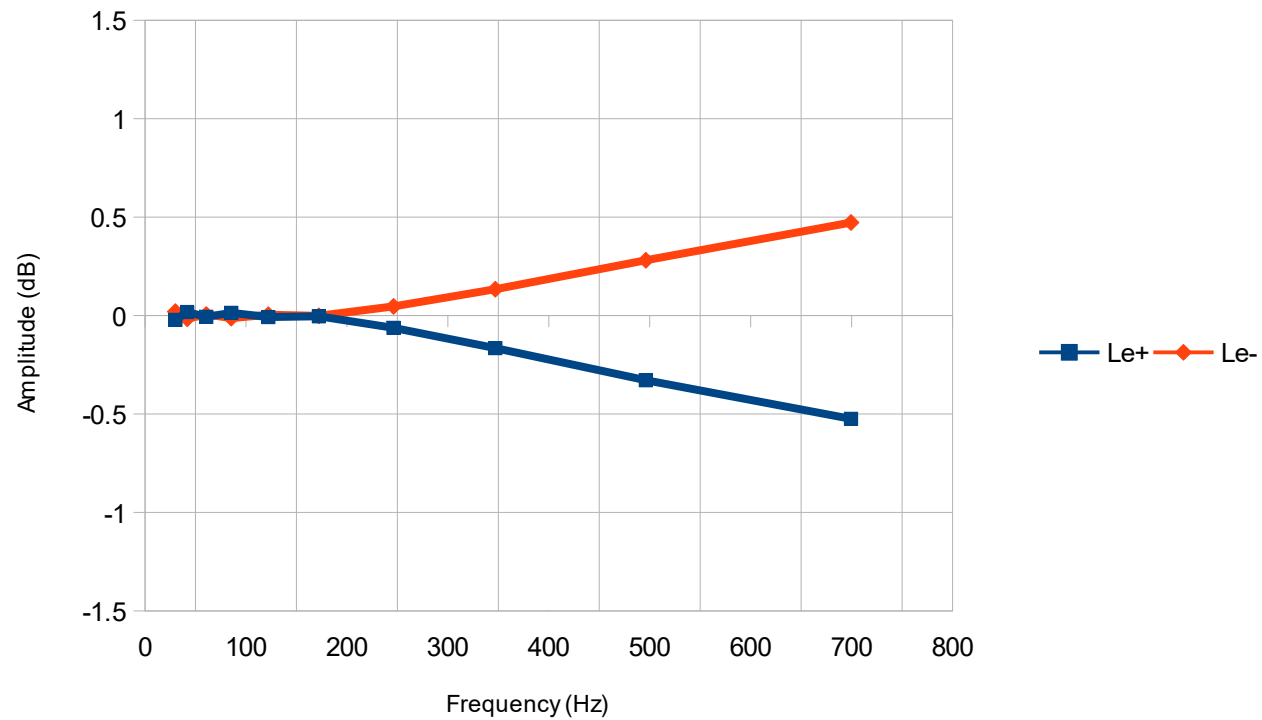
# Driver Magnetic Flux Density



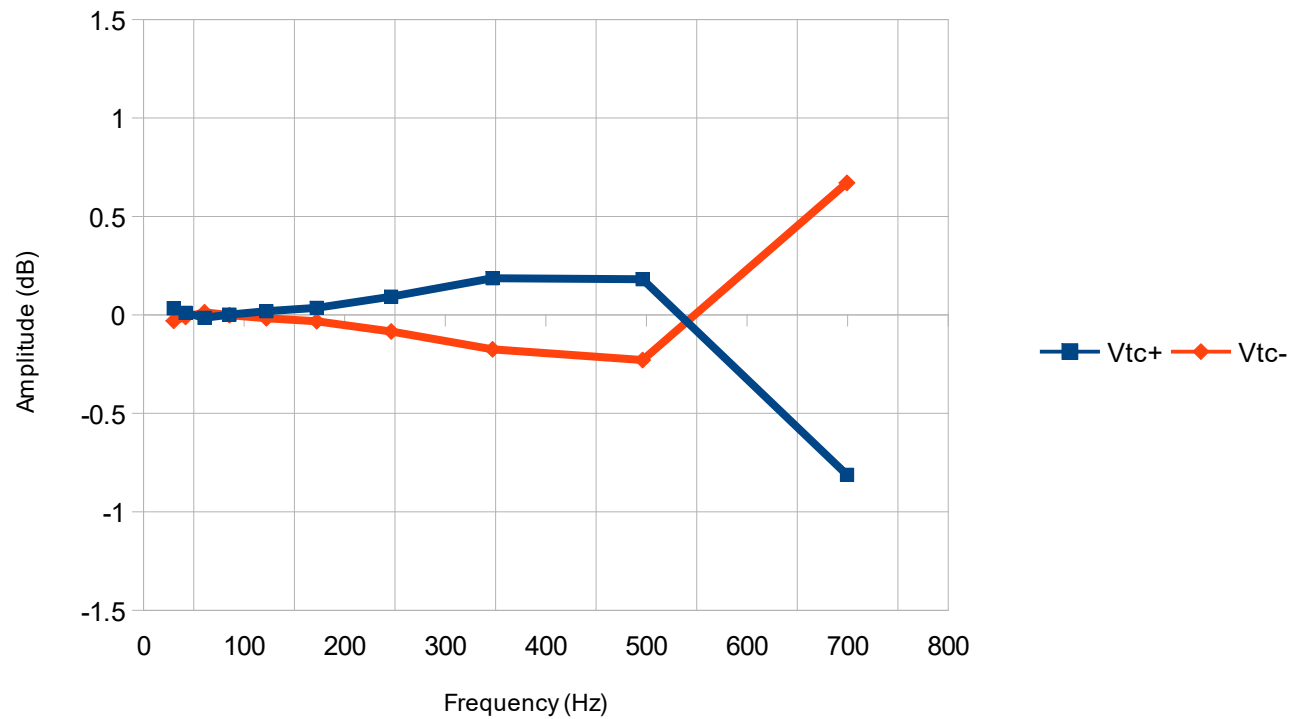
# Driver Voice Coil DC Resistance



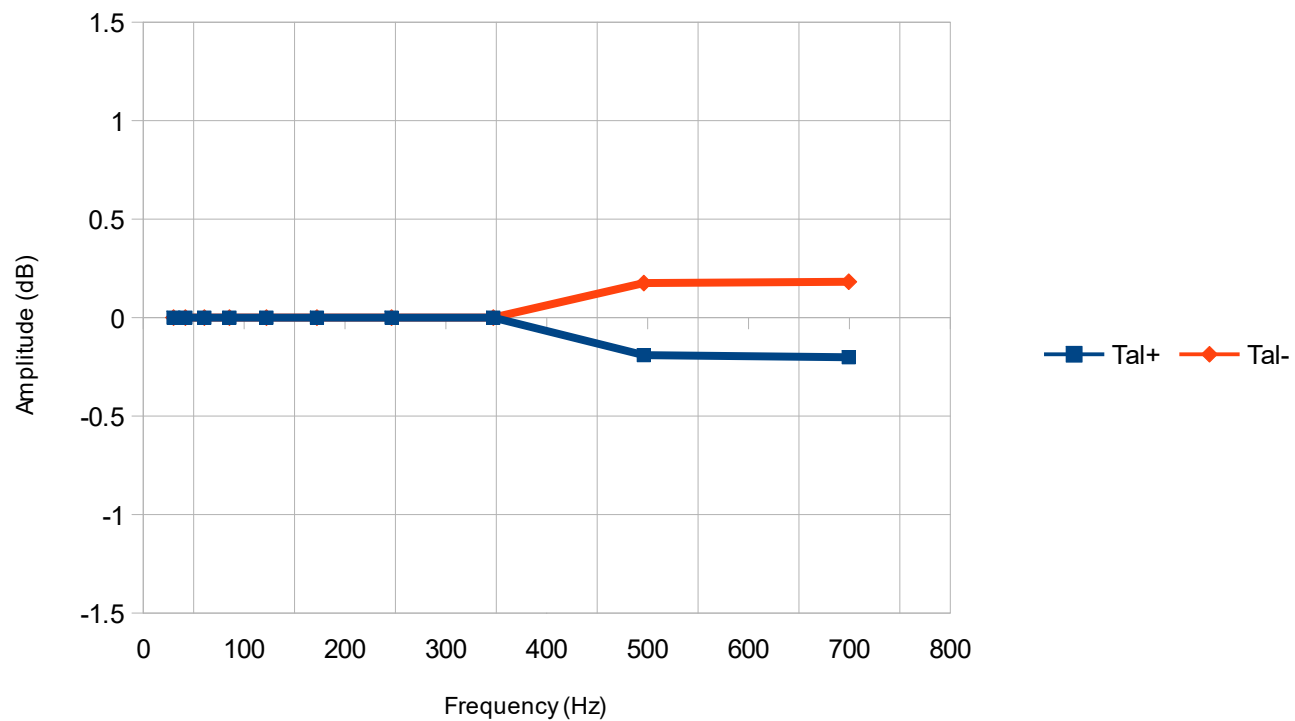
# Driver Voice Coil Inductance



# Throat Chamber Volume

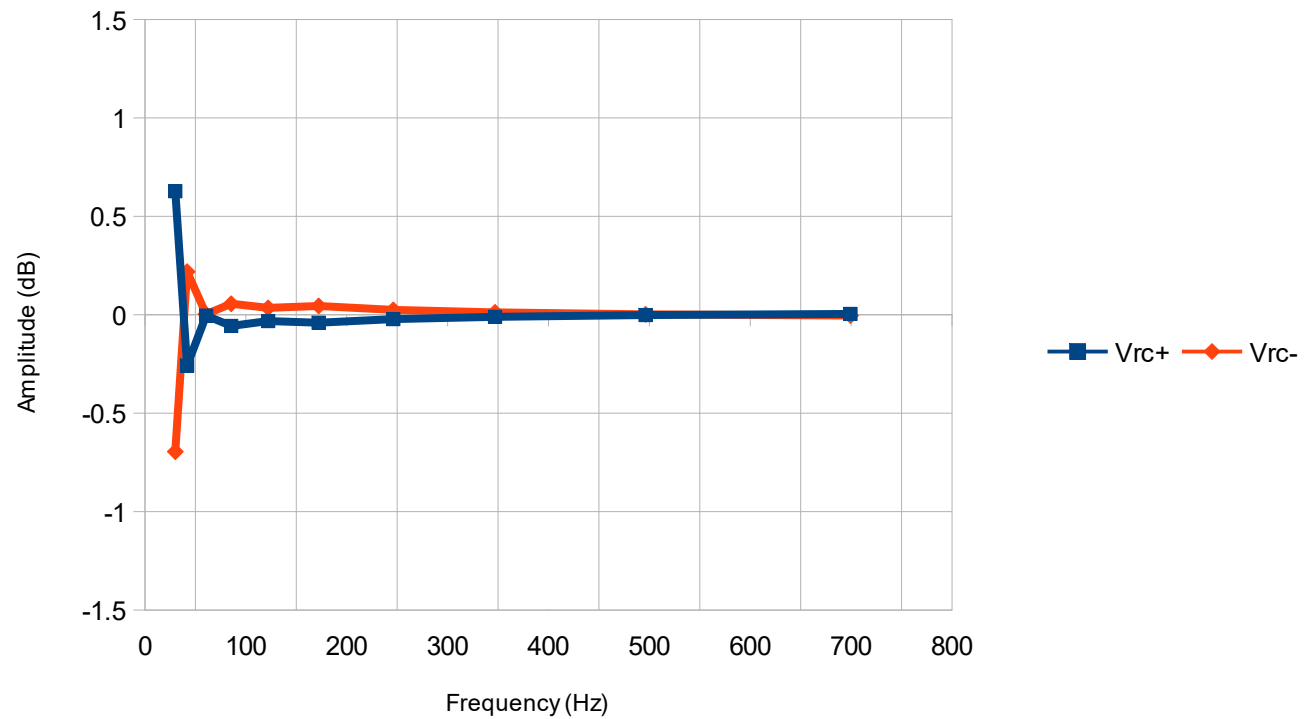


# Rear Chamber Lining Thickness

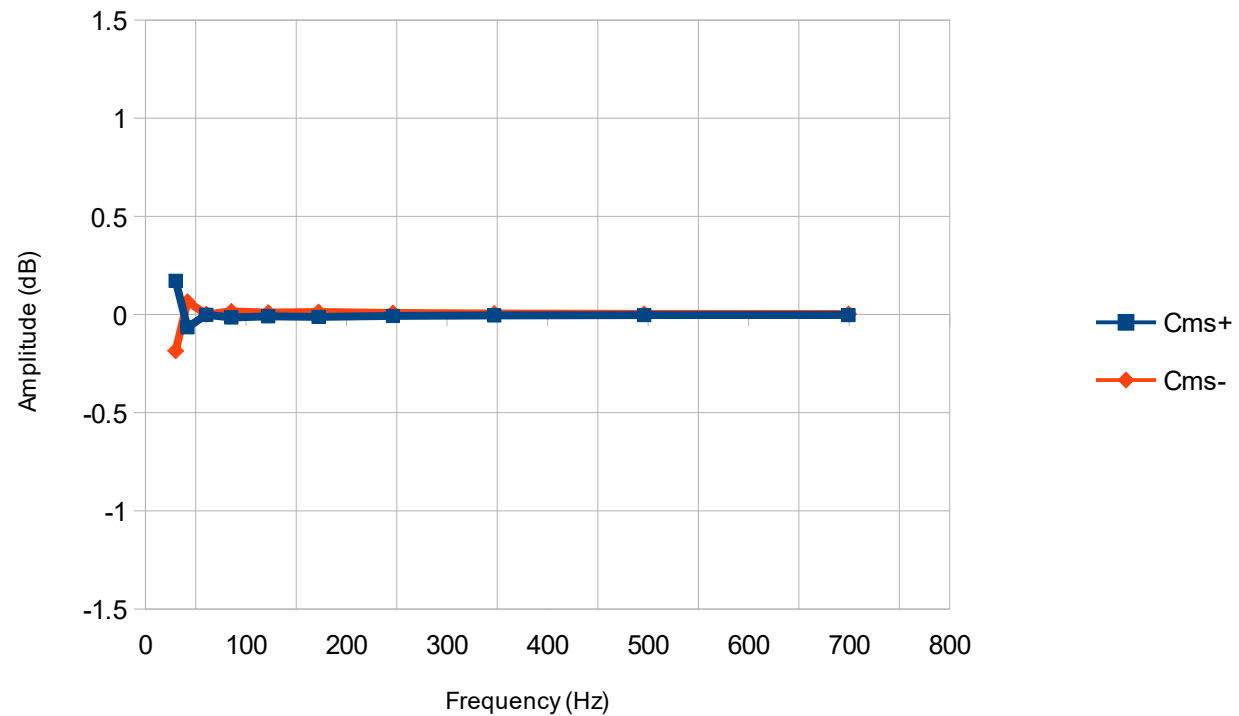




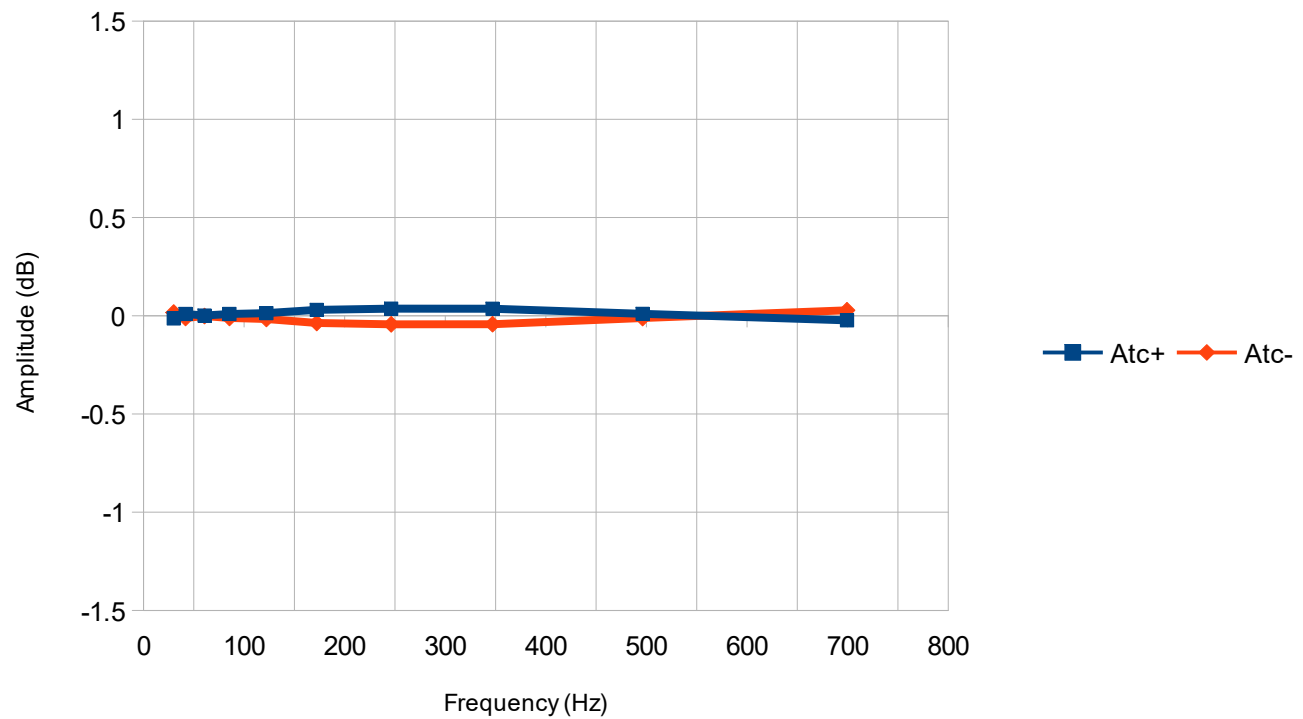
# Rear Chamber Volume



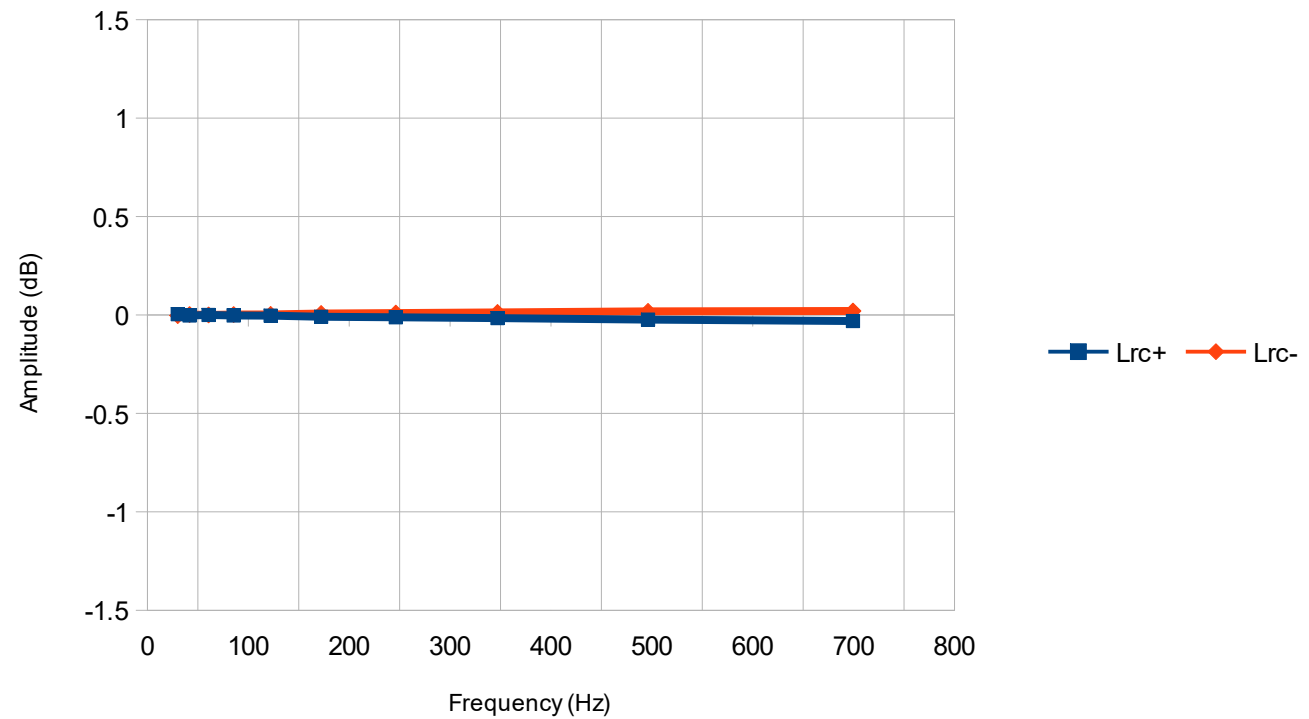
# Diaphragm Suspension Compliance



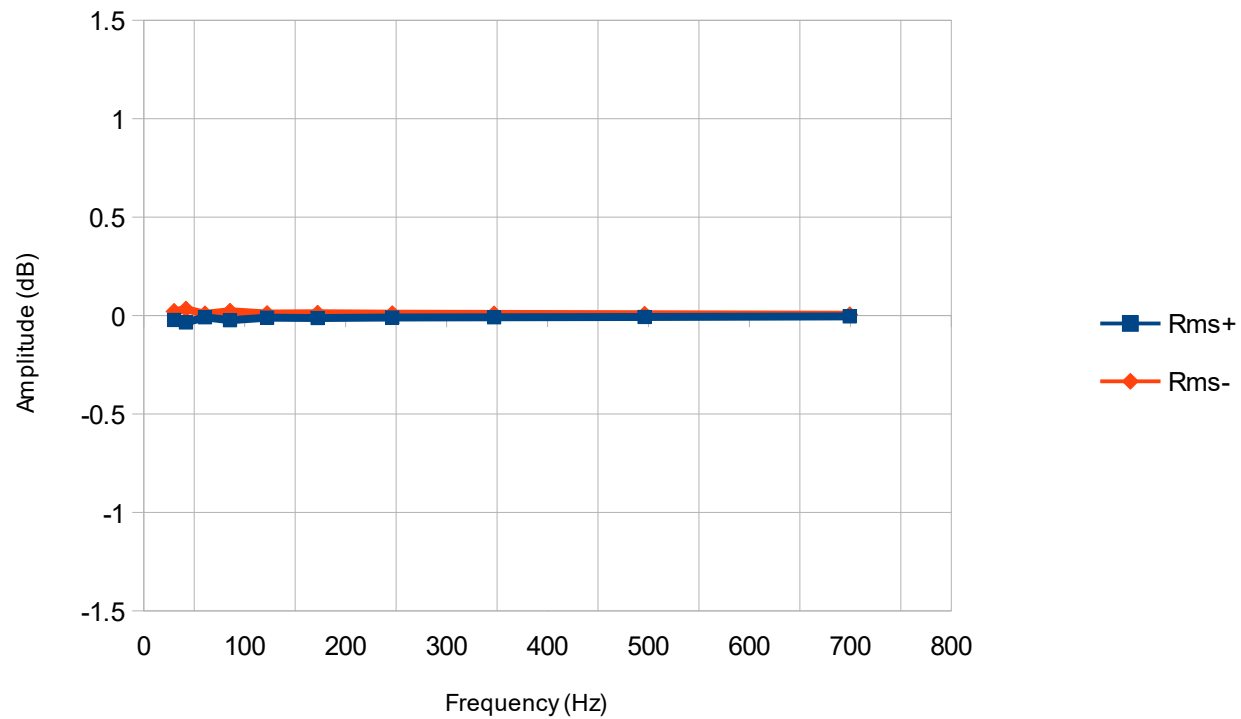
# Throat Chamber Sectional Area



# Rear Chamber Average Length



# Diaphragm Suspension Resistance



# Acoustical Lining Resistivity

