Histograms and plots for front and back surface
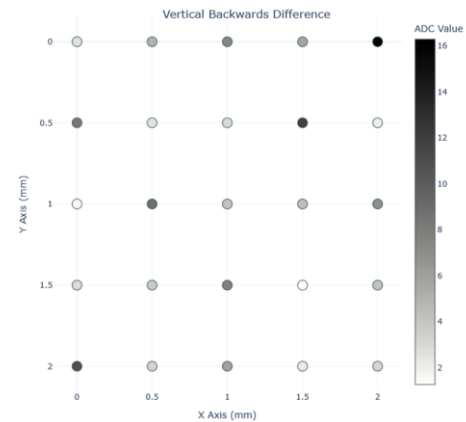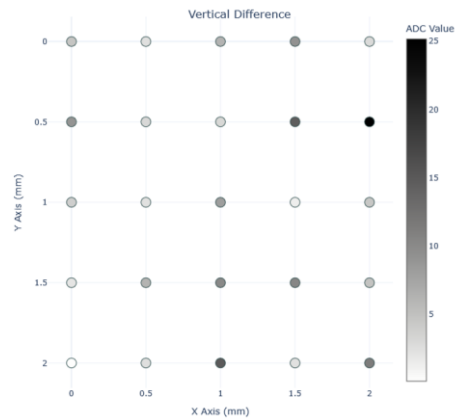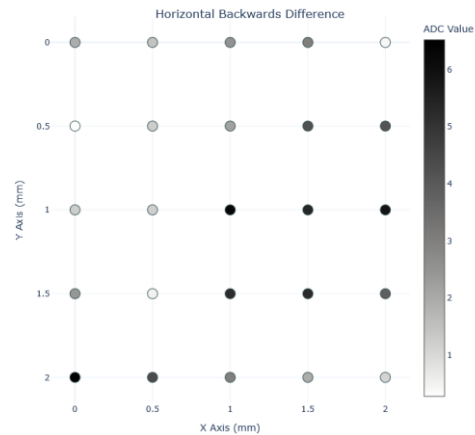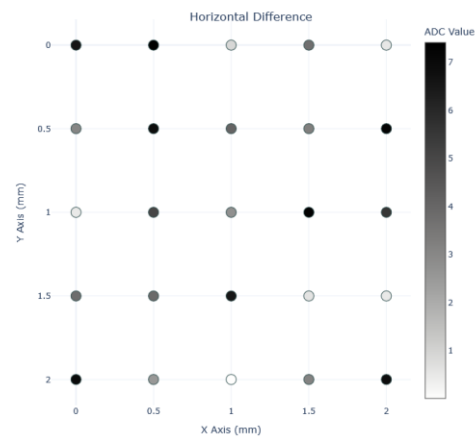
Averaged / Front Side
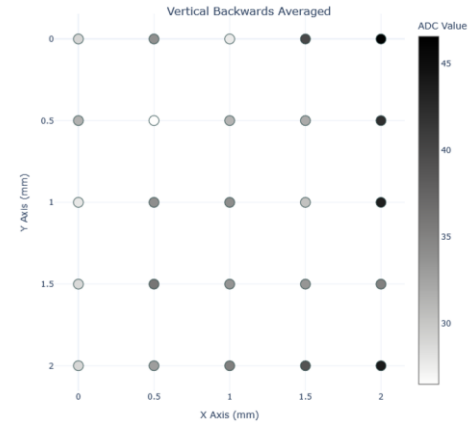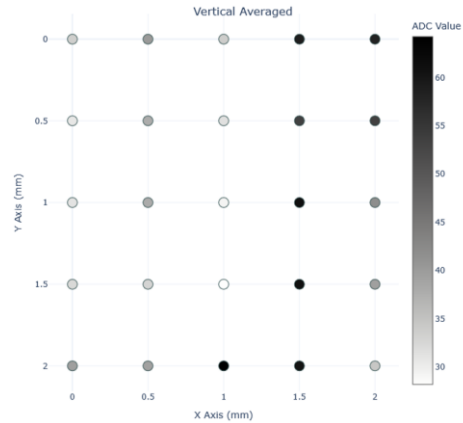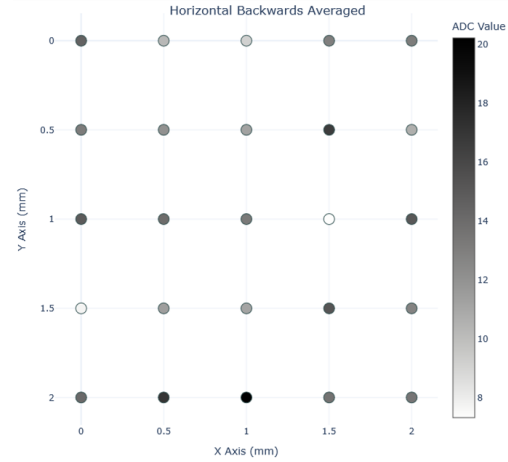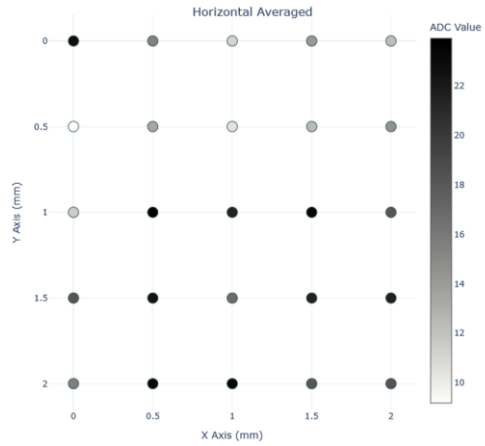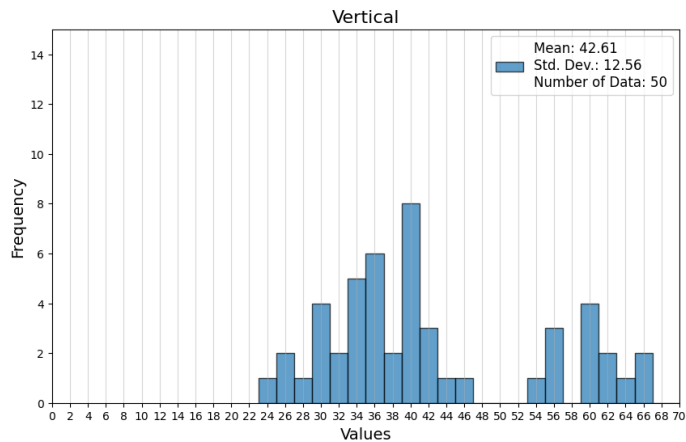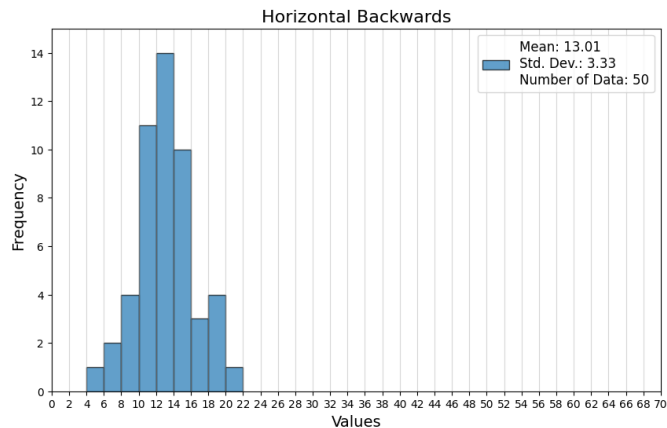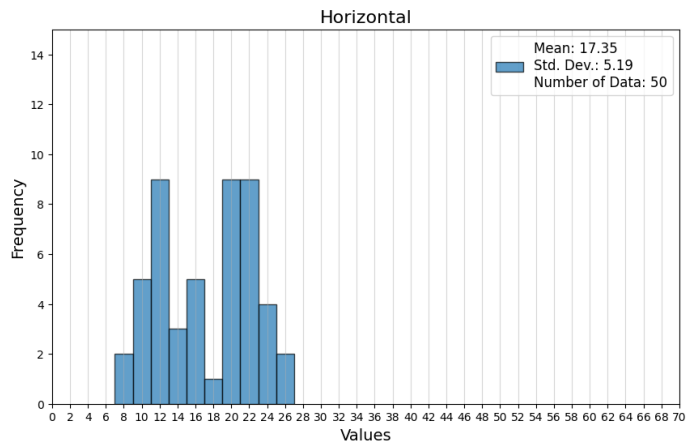
Difference / Front Side

Separate Histograms / Front Side
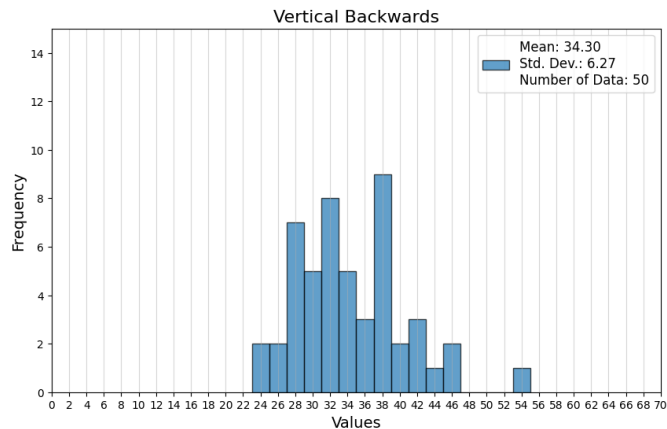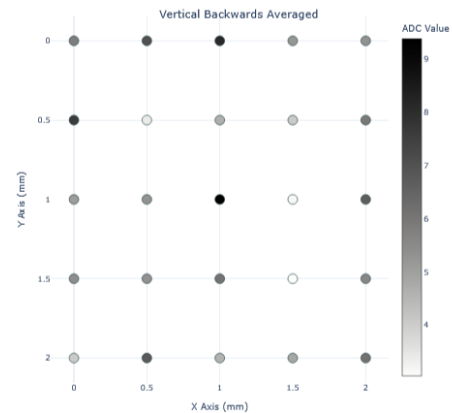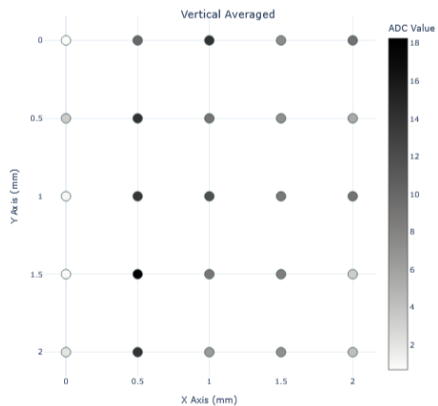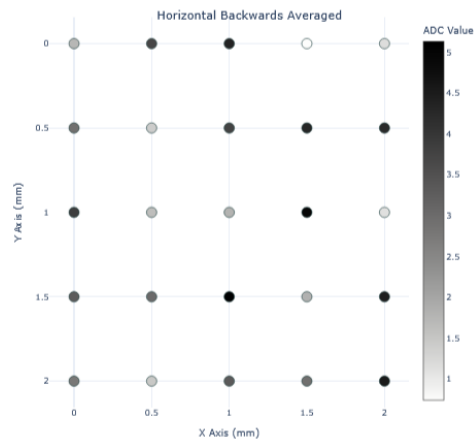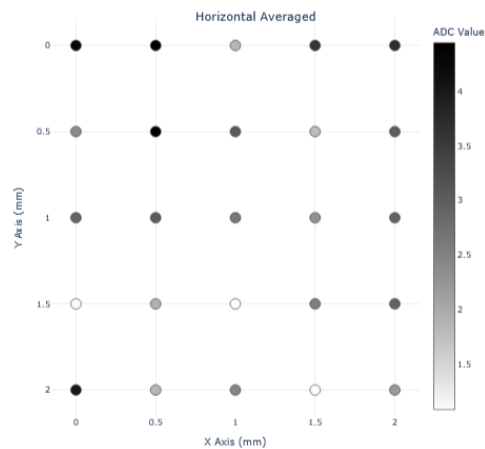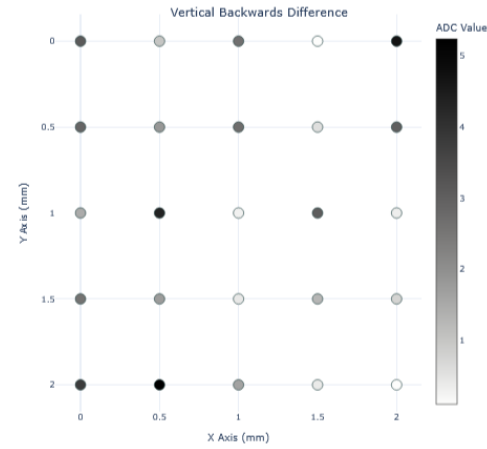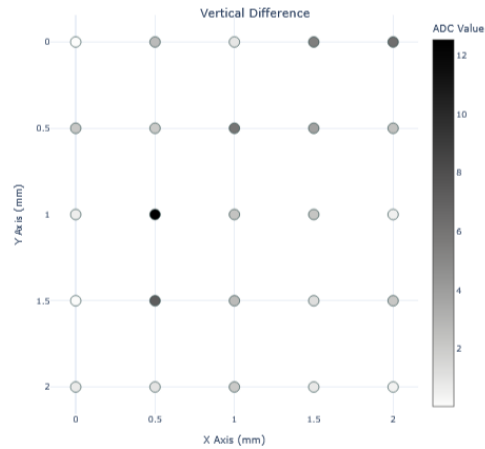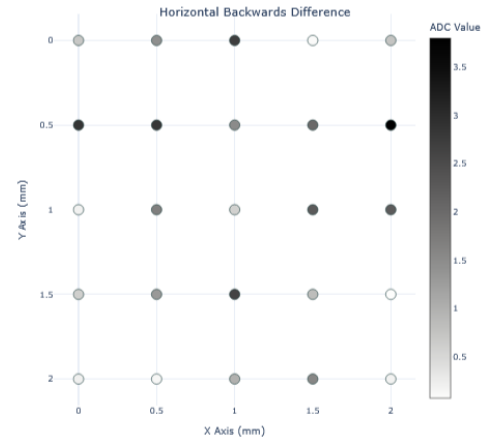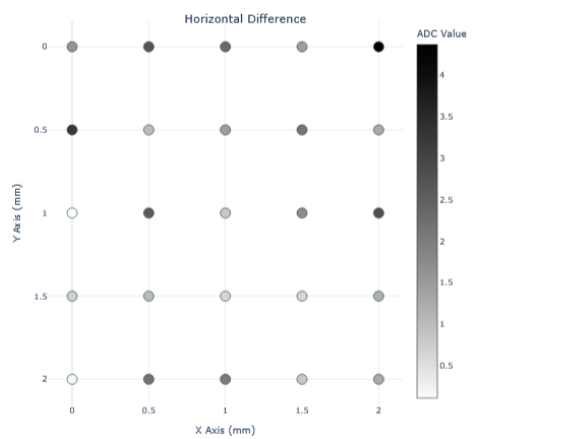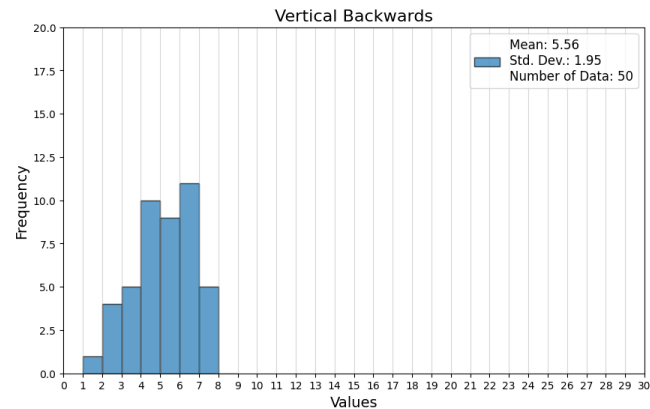
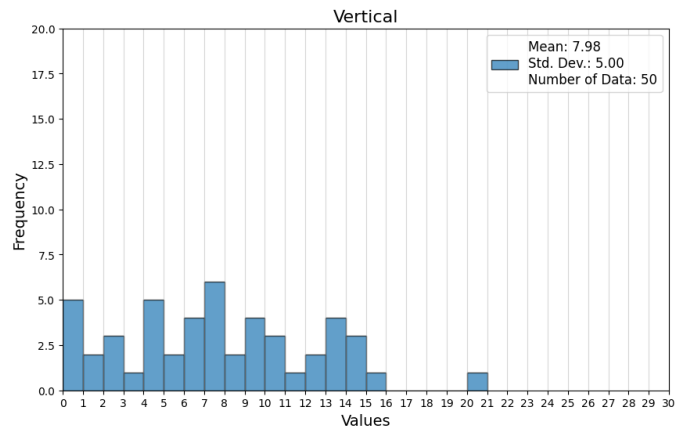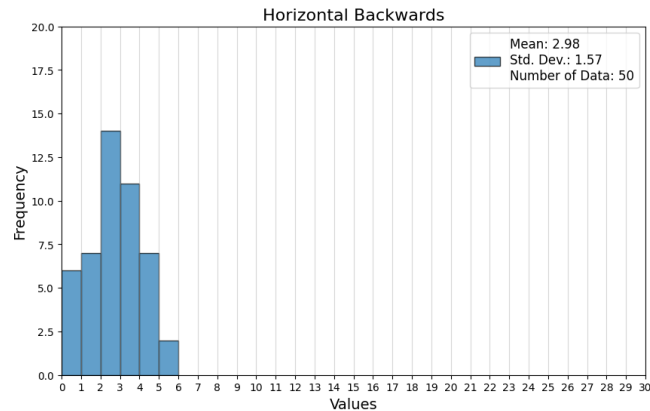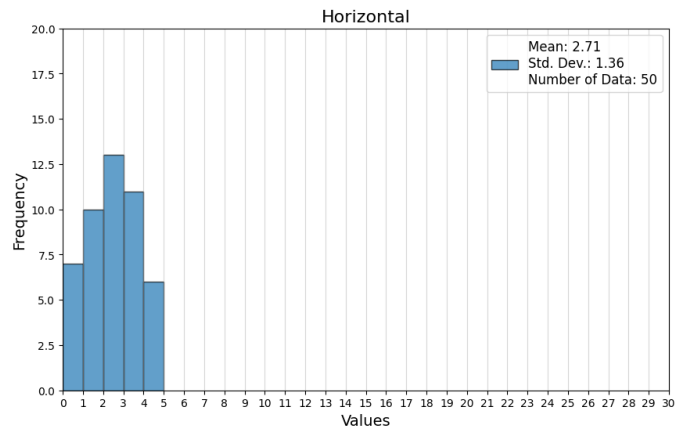Histograms and Fits for Front Side
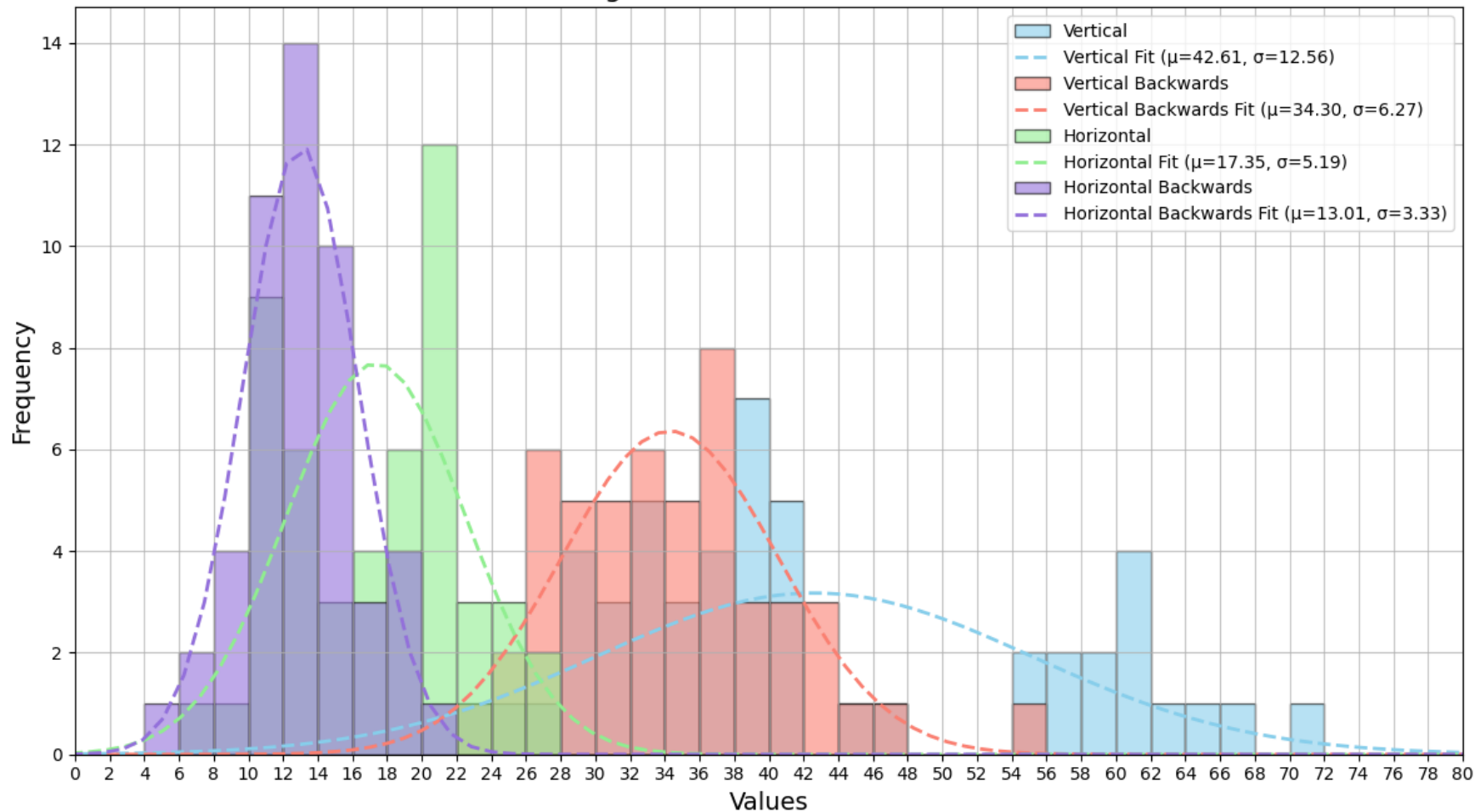
Averaged / Back Side

Difference / Back Side

Separate Histograms / Back Side

Histograms and Fits for Back Side