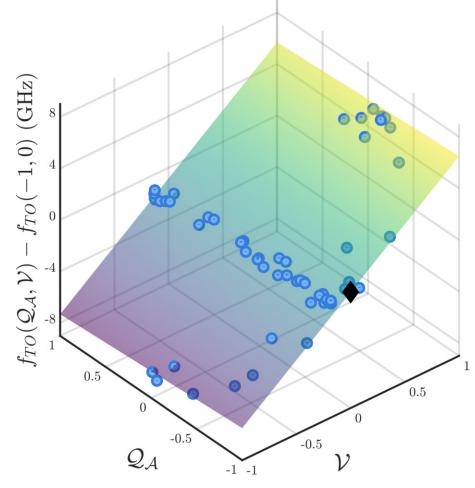
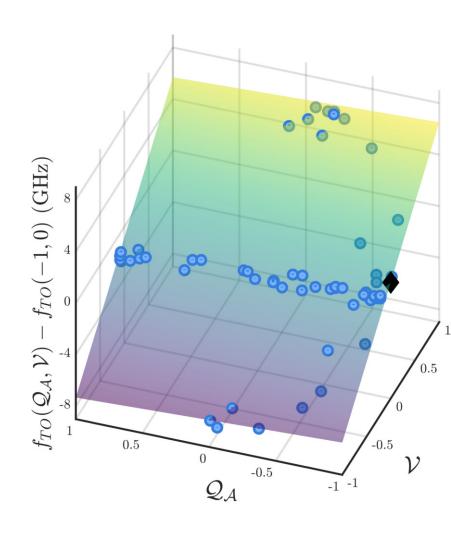
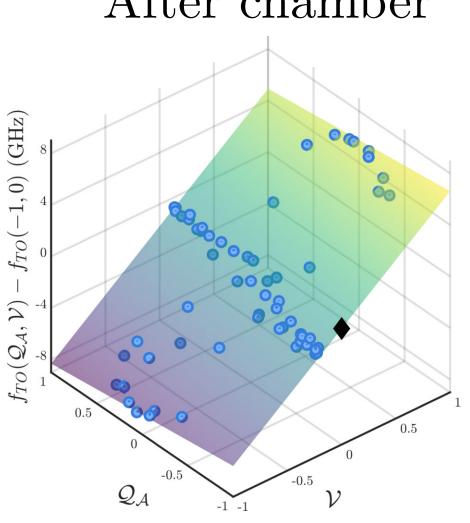
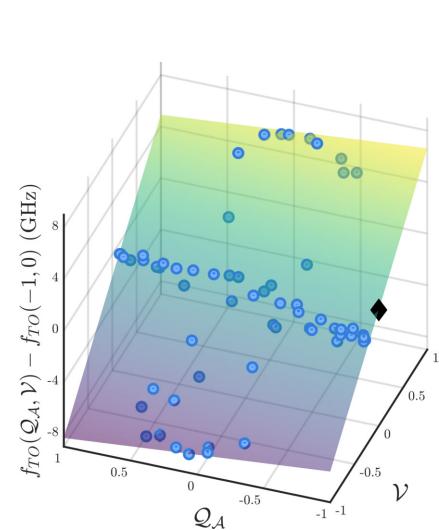
Before chamber

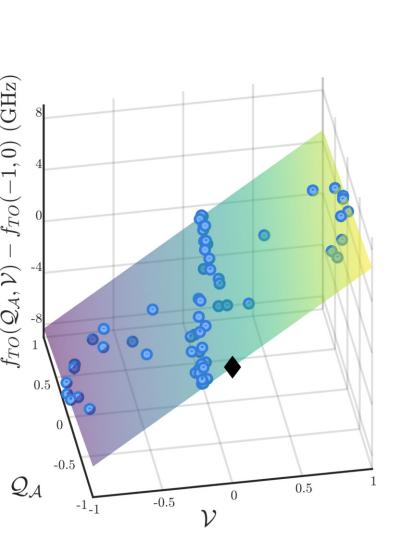




After chamber







-0.5

 \mathcal{V}

0.5

 $f_{TO}(\mathcal{Q}_{\mathcal{A}}, \mathcal{V}) - f_{TO}(-1, 0)$ (GHz)

 $\mathcal{Q}_{\mathcal{A}}$