$\Delta f_{QCM} = 1880 \text{ Hz}$ $\Delta f_{\rm QCM} = 2800 \; {\rm Hz}$ \$ 46.6 nm \$ 57.1 nm 262.4 nm 284.4 nm $\Delta f_{\text{QCM}} = 3700 \text{ Hz}$ $\Delta f_{\text{QCM}} = 5520 \text{ Hz}$ 70.5 nm ₹ 120.5 nm 269.3 nm 282.0 nm