a) $\theta = 90^\circ$, water on clean heater wire

b) $\theta = 46.5^\circ$, droplet of 0.00257 gr/l concentration of Al$_2$O$_3$ nanofluid (APS 46 nm) on heater wire coated with nanoparticles after boiling this fluid

c) $\theta = 33^\circ$, droplet of 0.00646 gr/l concentration of Al$_2$O$_3$ nanofluid (APS 46 nm) on heater wire coated with nanoparticles after boiling this fluid