after additional annealing
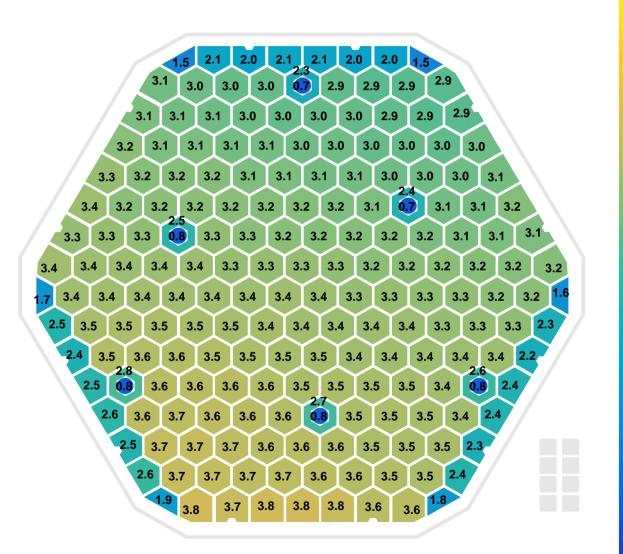
Values for U = 600.0 V