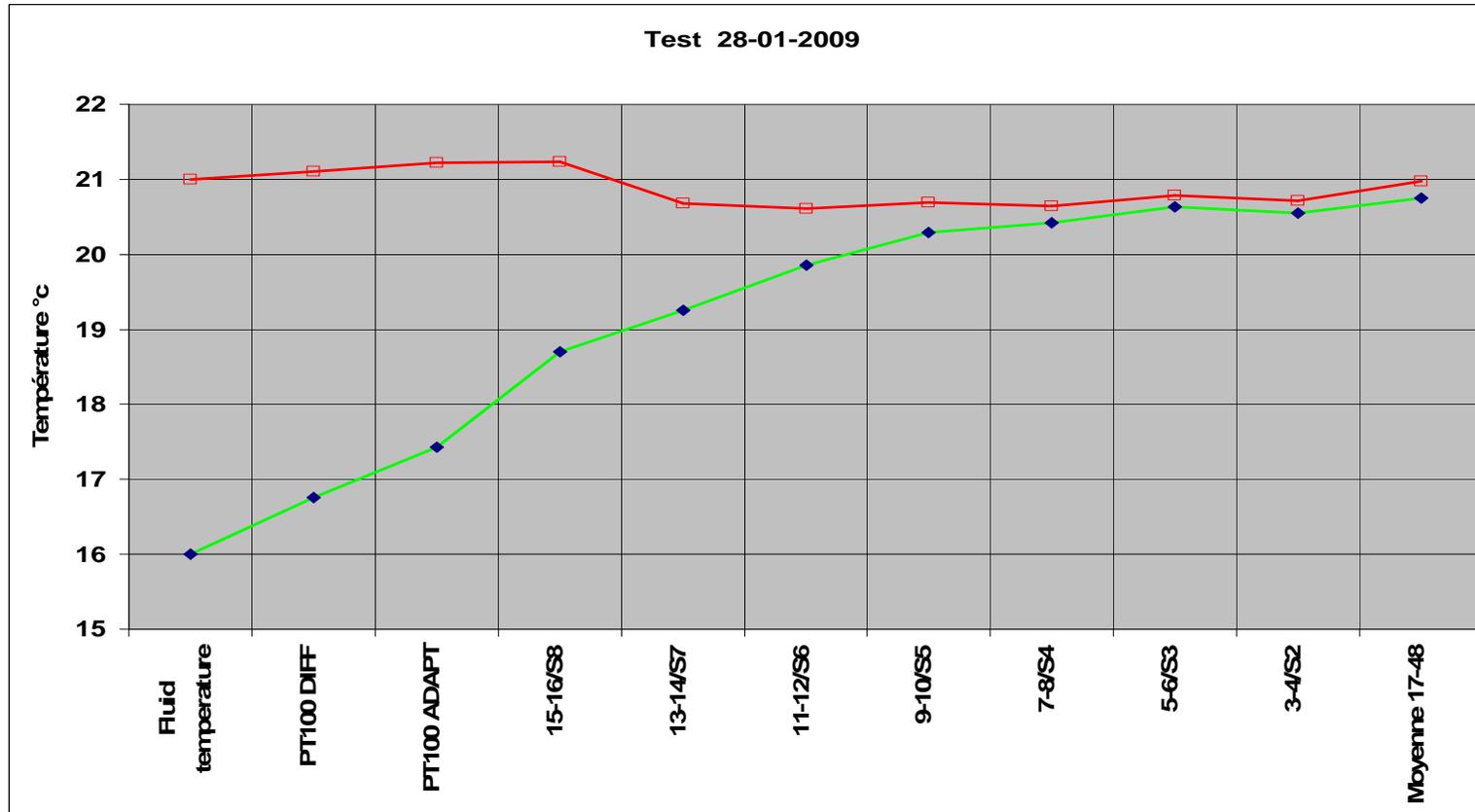


Test SLAB

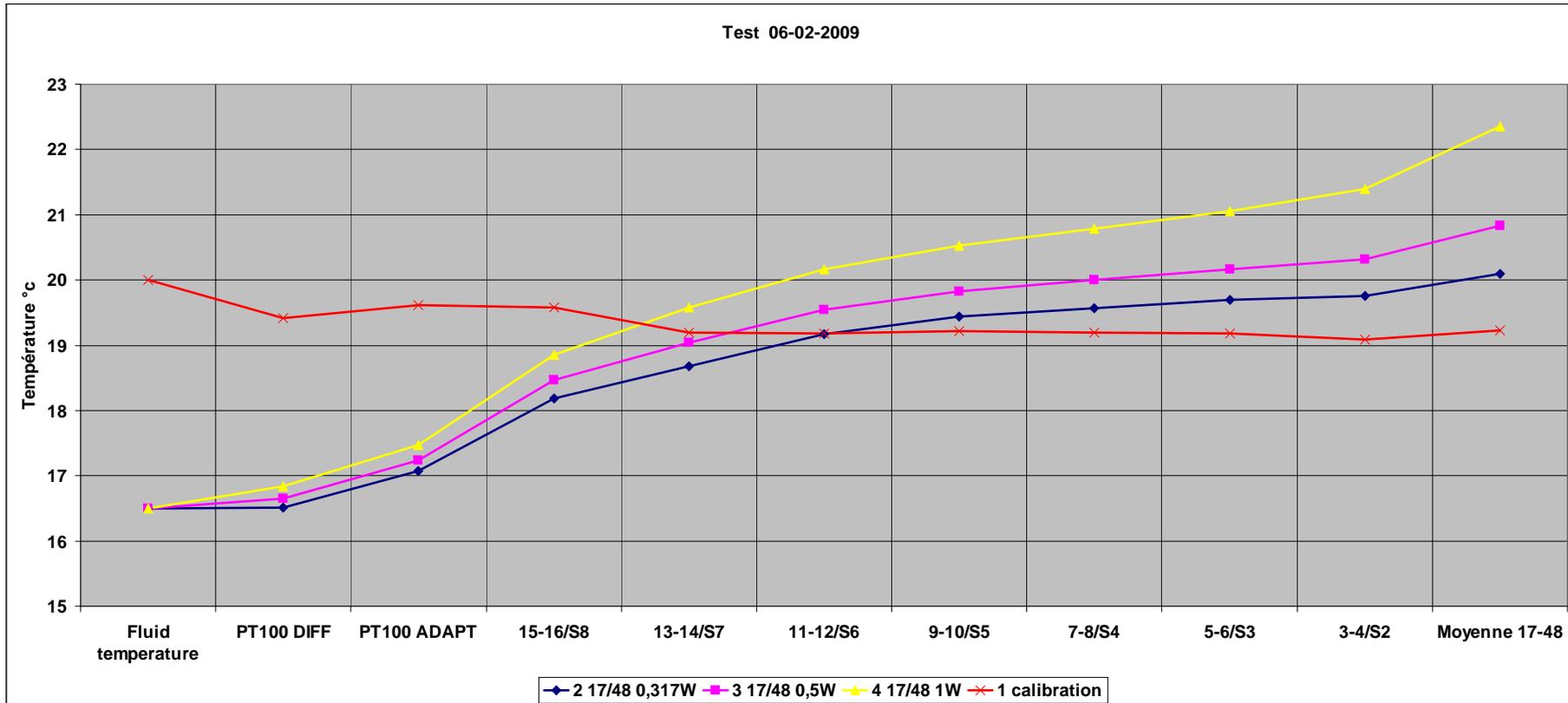
Test 1 : Ambient temperature : 20 °c / Cooling fluid : 16 °c / No power



End of slab : room temperature

Test SLAB

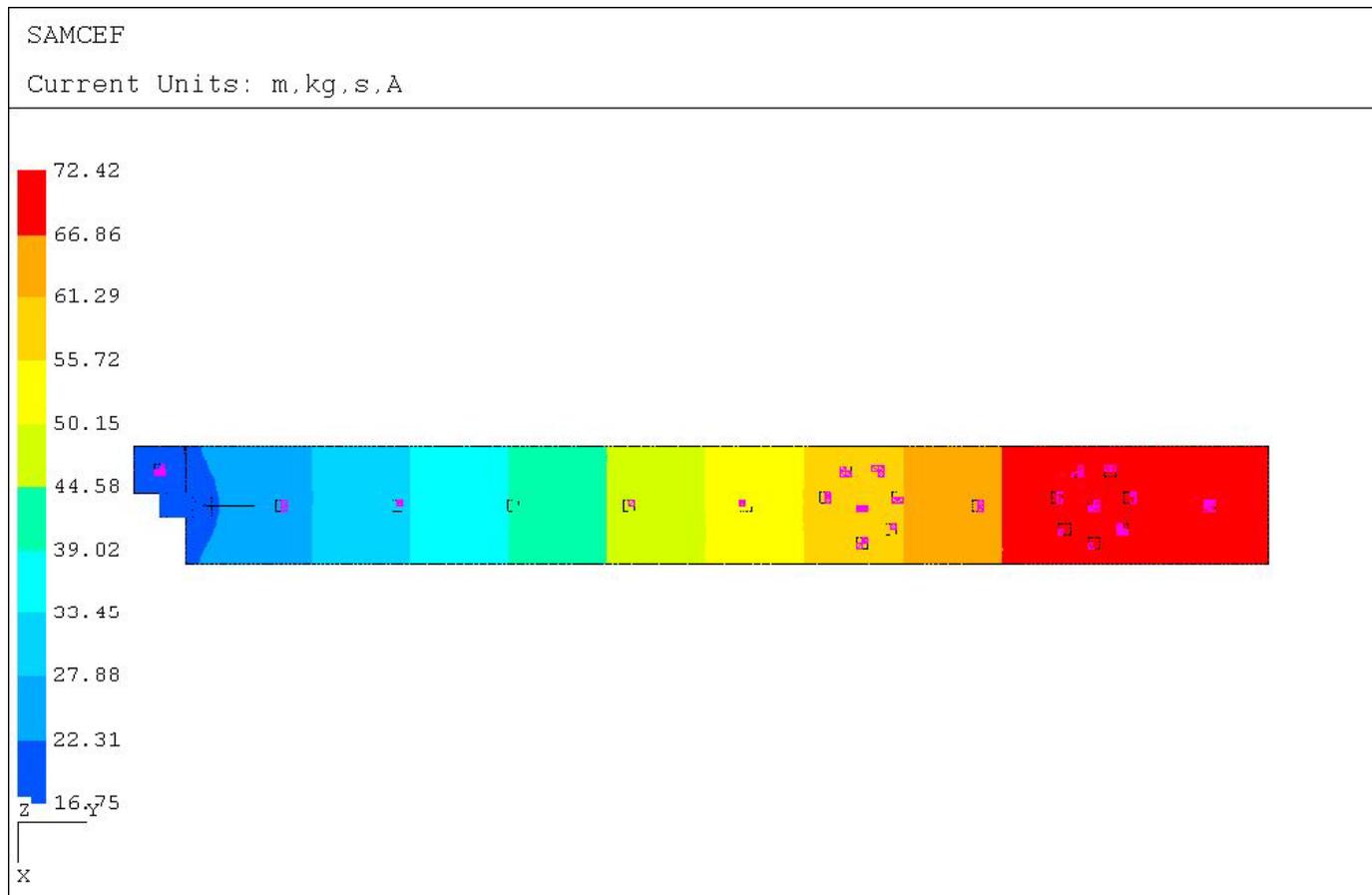
Test 2 : Ambient temperature : 20 °c / Cooling fluid : 16.5 °c / Power in ASU 17-48 0.317 W => 1 W



1W => temp variation = 6 °c

Test SLAB

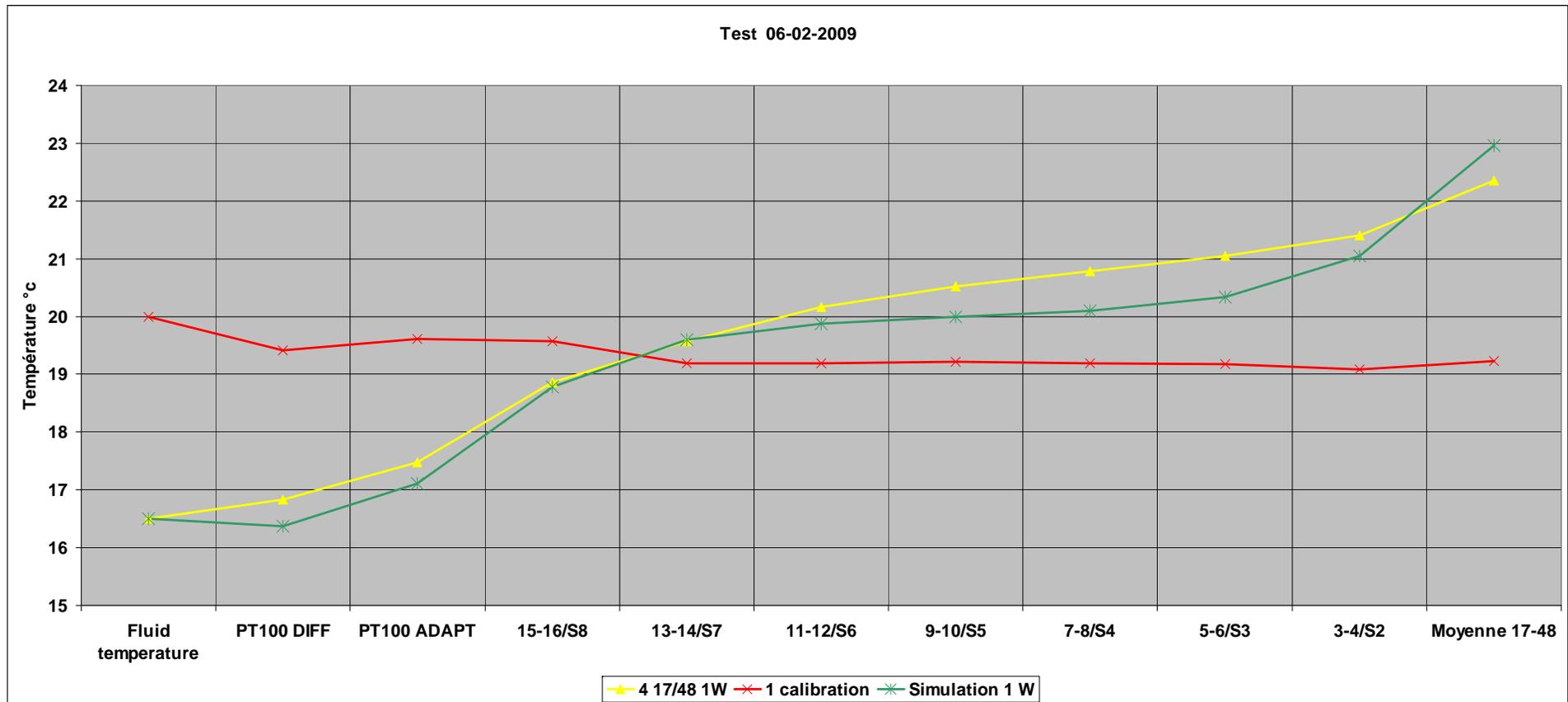
Test 2 (simulation) : Ambient temperature : 20 °c / Cooling fluid : 16.5 °c / **Power in ASU 17-48 1 W**



1W => temp variation = 55.7 °c => power dissipation with the room is important

Test SLAB

Test 2 (simulation) : Ambient temperature : 20 °c / Cooling fluid : 16.5 °c / **Power in ASU 17-48 1 W**



Green curve : simulation with 1 W and convection on cooper plate (h = 12)