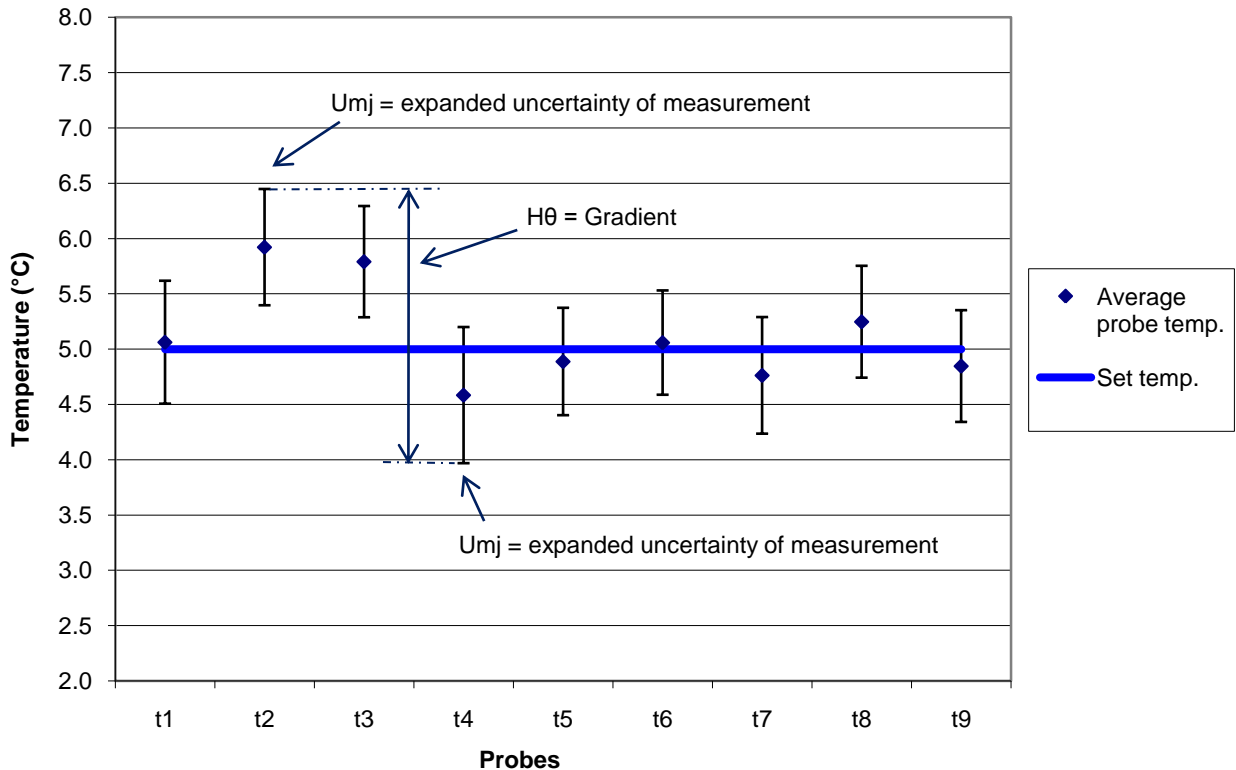# Liebherr model LKPv 1422-10 001
Test procedure NF X15-140:
Evaluation of air temperatures

Gradient Hθ: 2.6K (+1.5K / -1.1k from set temperature)
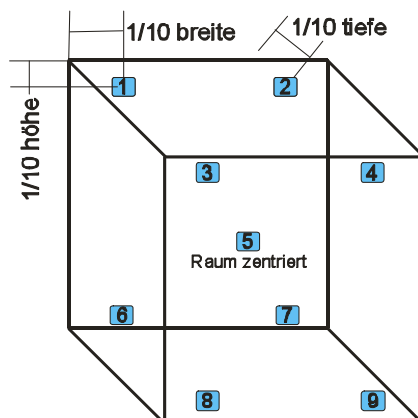**Max. fluctuation: 1.6K**

Average temperatures with expanded uncertainty of measurement per probe

- **Gradient** (Homogeneity) distribution of temperatures within the chamber

  $$H\theta = max(\theta_{mj}+U_{mj}) - min(\theta_{mj}+U_{mj})$$

- max = (mean value warmest probe + standard deviation + measurement uncertainty)
- min = (mean value coldest probe - standard deviation - measurement uncertainty)

Positions of probes
according to NF X15-140

- 9 measurements with air-temperature PT100 probes
- 8 probes in the corners of the "working space", 1/10 of the internal dimension away from the chamber walls & 1 in the centre of the working space