

Prüfbedingung
Test condition

A2 / Wxx-42 B

Prüfnummer
Test number

LW-694-24-53

| Messgrößen Measured variables | Einheit Unit | Mittelwert Mean value | abs. Fehler absolute error | rel. Fehler relative error |
|--|--------------------|--------------------------|-------------------------------|-------------------------------|
| 1 Heizleistung (heating capacity) inkl. Umwälzpumpe (included circulation pump) | W | 3316 | ± 132 | ± 3.94% |
| a Heizleistung (heating capacity) | W | 3349 | ± 121 | |
| b Lufteintrittstemperatur (air inlet temperature) | °C | 1.99 | ± 0.10 | |
| Luftaustrittstemperatur (air outlet temperature) | °C | -0.16 | ± 0.50 | |
| Luftdruck (air pressure) | hPa | 972 | ± 19 | |
| Relative Luftfeuchtigkeit (relative humidity) | % | 85.5 | ± 3.4 | |
| c Rücklauftemperatur (water inlet temperature) | °C | 39.11 | ± 0.07 | |
| Vorlauftemperatur (water outlet temperature) | °C | 41.97 | ± 0.07 | |
| Massenstrom (mass flow) | kg h ⁻¹ | 1008.6 | ± 10.1 | |
| Hydraulischer Druckabfall (hydraulic pressure drop) | kPa | -35.30 | ± 0.25 | |
| d Abtaudauer (period of defrosting) | min | - | | |
| Heizdauer (period of heating) | min | - | | |
| Relative Abtaudauer (relative duration of defrosting period) | % | - | | |
| Abtauleistung (defrosting output) | W | - | ± - | ± - |
| e Niederdruck (low pressure) | bara | - | ± - | |
| Sauggastemperatur (suction gas temperature) | °C | - | ± - | |
| Hochdruck (high pressure) | bara | - | ± - | |
| Heissgastemperatur (hot gas temperature) | °C | - | ± - | |
| Flüssigkeitstemperatur (condenser outlet temperature) | °C | - | ± - | |
| 2 Wirkleistung total (total power input) inkl. Umwälzpumpe (included circulation pump) | W | 1086 | ± 19 | ± 1.73% |
| Wirkleistung (power input) | W | 1129 | ± 10 | |
| Spannung (voltage) | V | 231.9 | ± 0.5 | |
| Stromaufnahme (current consumption) | A | 1.72 | ± 0.01 | |
| Scheinleistung (apparent output) | VA | 1185 | ± 9 | |
| Leistungsfaktor cosp (power factor) | - | 0.953 | ± 0.001 | |
| 3 COP (COP) | - | 3.054 | ± 0.173 | ± 5.66% |
| 4 Umgebungstemperatur (ambient temperature) | °C | 19.9 | ± 1.5 | |
| 5 Prüfdauer (test duration) | hh:mm:ss | 01:10:00 | | |
| Prüfbeginn (beginning of test) | hh:mm:ss | 14:44:20 | 10.12.2024 | 2024-12-10 |
| Prüfende (end of test) | hh:mm:ss | 15:54:20 | 10.12.2024 | 2024-12-10 |

6 Bemerkung (remark)

- Messung wurde mit integrierter UWP durchgeführt / Measurement is carry out with internal installation pump
- Kompressorfrequenz / compressor speed = 22 Hz
- Ventilatorumdrehzahl / fan speed = 630 rpm

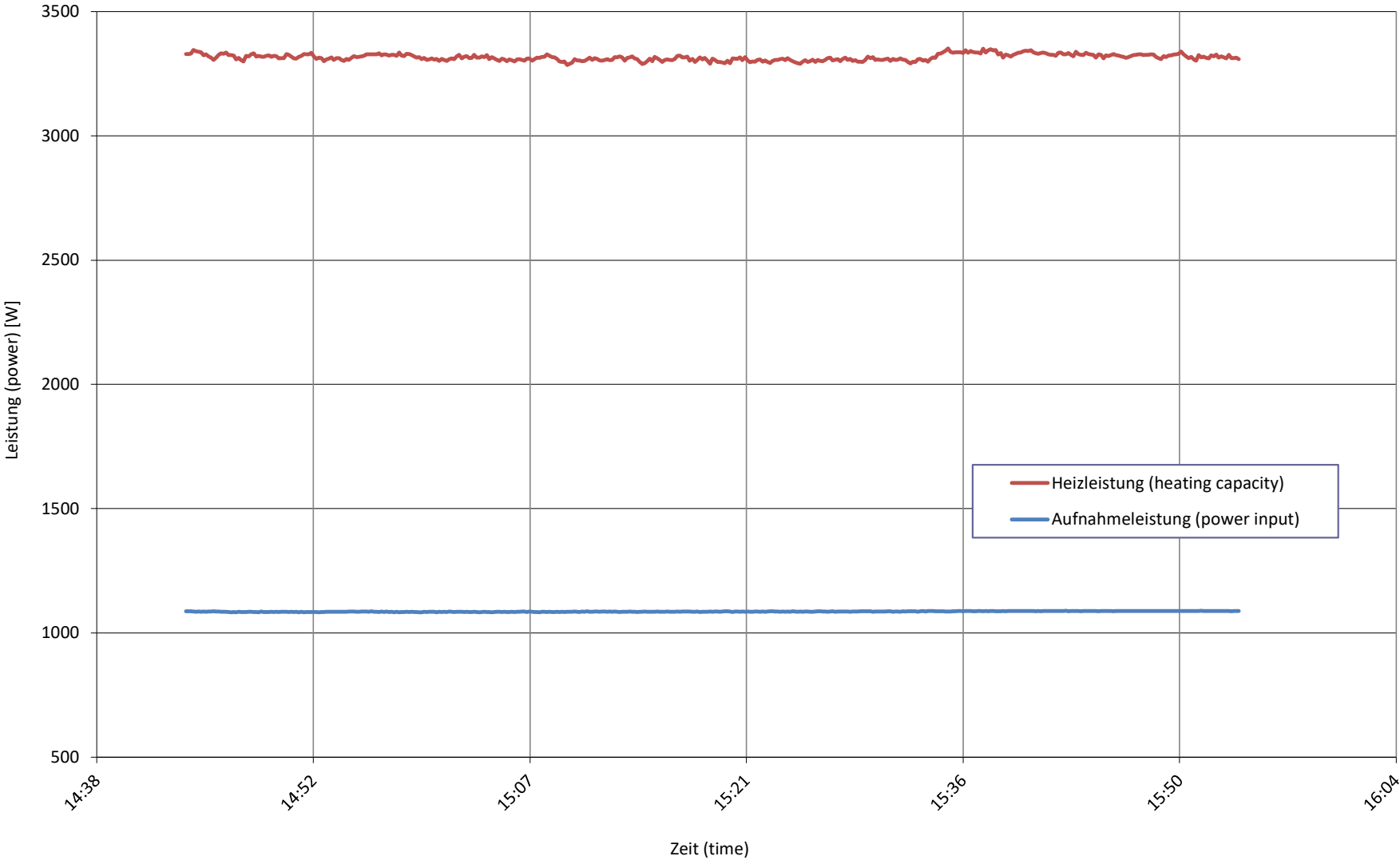
7 Prüfer (supervisor) C. Schaible

Prüfnorm (test standard)

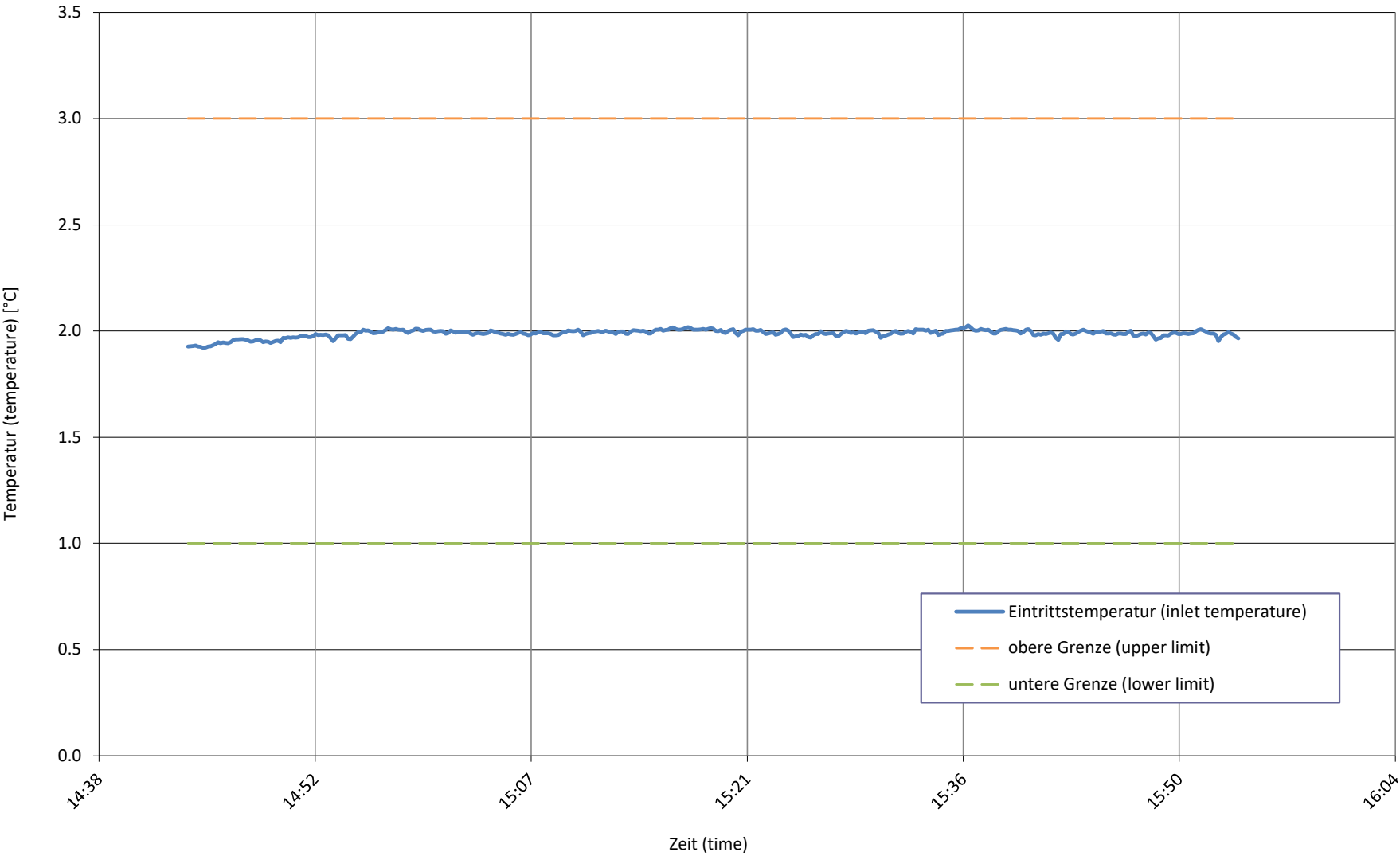
EN 14511-2:2022
EN 14511-3:2022
EN 14825:2022

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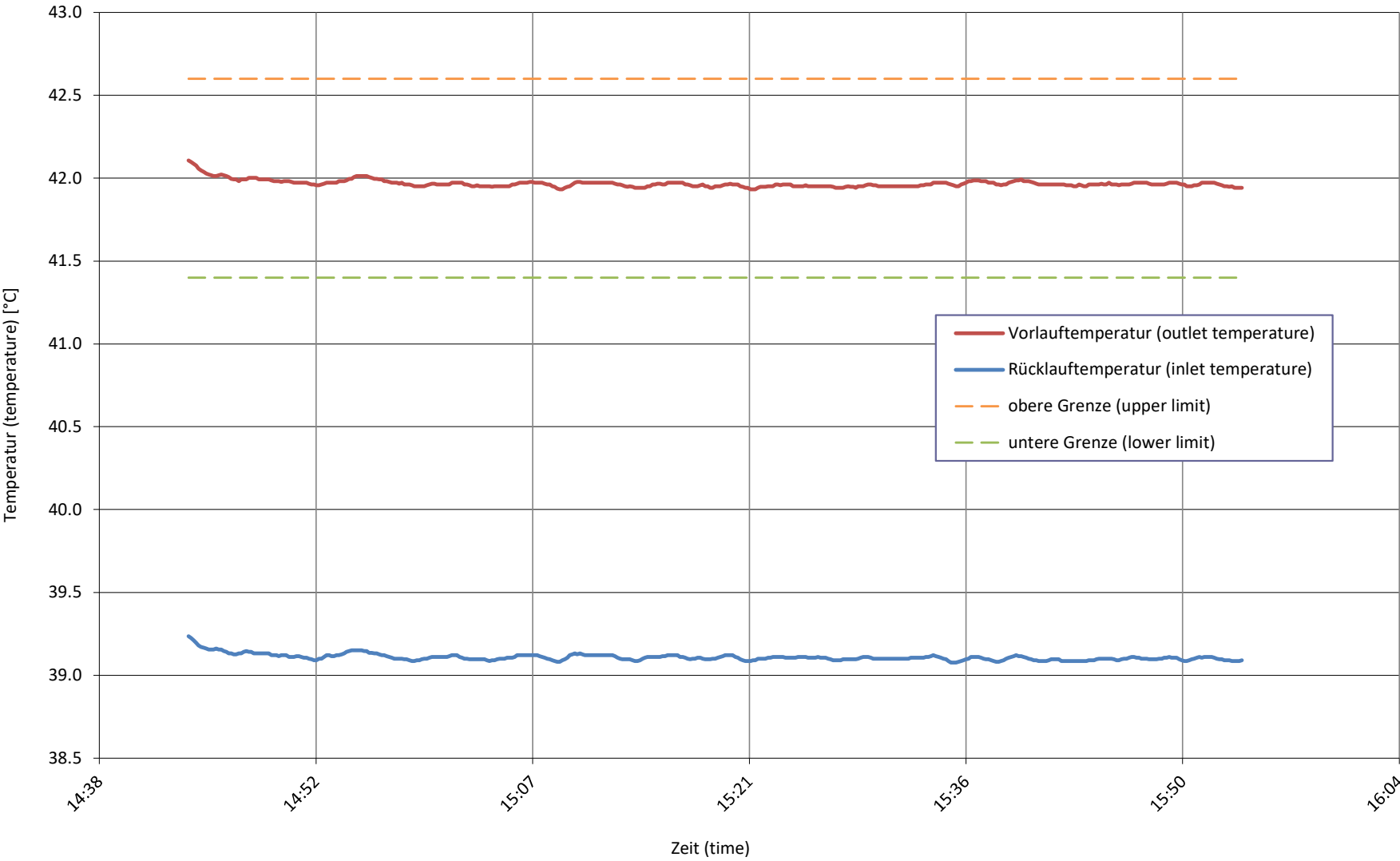
Wärme- und Aufnahmeleistung bei
heating capacity and input power at **A2 / Wxx-42 B**



Quellentemperatur bei
source temperature at **A2 / Wxx-42 B**

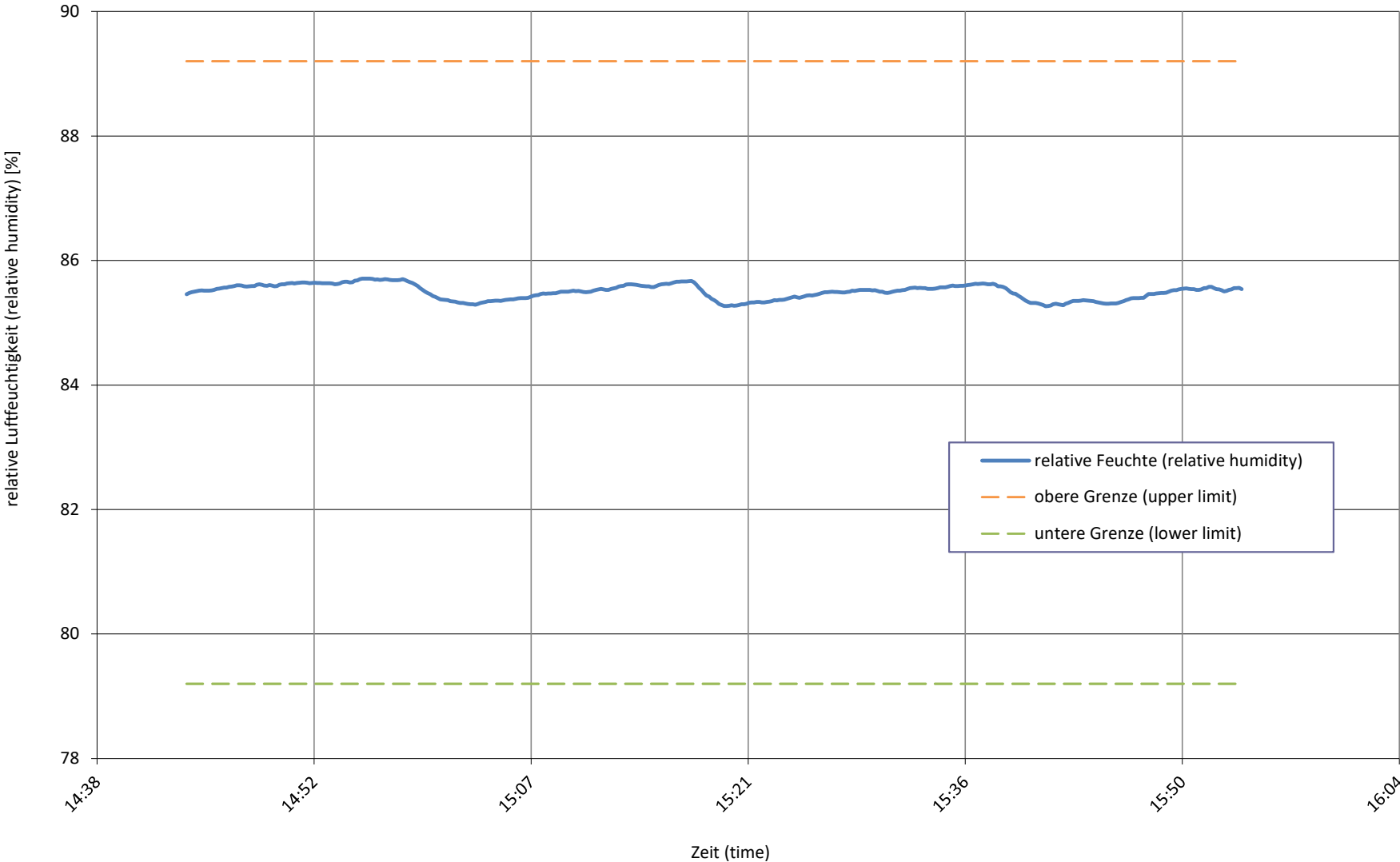


Senktemperatur bei
sink temperature at **A2 / Wxx-42 B**



relative Luftfeuchtigkeit bei
relative humidity at

A2 / Wxx-42 B



Senkenmassenstrom bei
sink mass flow at **A2 / Wxx-42 B**

