

Supplement of Atmos. Meas. Tech., 10, 5075–5088, 2017
<https://doi.org/10.5194/amt-10-5075-2017-supplement>
© Author(s) 2017. This work is distributed under
the Creative Commons Attribution 3.0 License.



Supplement of

Temperature uniformity in the CERN CLOUD chamber

António Dias et al.

Correspondence to: António Dias (amcbd89@gmail.com)

The copyright of individual parts of the supplement might differ from the CC BY 3.0 License.

The following supplementary material contains the distribution centered around the mean of measured temperatures taken by all OS, TC and PT100 sensors in the CLOUD chamber during the NPF experiments. The distribution of each sensor type correspond to the specific temperature shown in figure 4 (TC: -40 °C; Pt100: -30 °C; OS: 0 °C). The following table shows the various mean values and standard deviations (SD) of the distributions for each sensor:

Table 1: Distribution mean and standard deviation (SD) for each sensor

Sensor	Mean (°C)	SD (°C)
PT1	-28.85	0.007
PT2	-29.12	0.007
PT3	-28.77	0.004
PT5	-28.59	0.01

OS1	1.17	0.021
OS2	0.95	0.030
OS3	1.00	0.018
OS4	1.32	0.127
OS5	1.05	0.039
OS6	1.13	0.023

TC1	-38.80	0.013
TC2	-38.79	0.012
TC3	-38.78	0.012
TC4	-38.72	0.010
TC5	-38.80	0.009
TC6	-38.74	0.009































