

Tabelle 1: Flight measurement results of individual crossings for the power plant on 23 May 2018, following the nomenclature of Eq. (3).

| Crossing | | | Measurement | | | | | |
|------------|----------------------|------------------|------------------|----------------------------------|---|---|-------------------|----------------------------|
| Local time | Flight track (in km) | Distance (in km) | A (in m) | $\overline{\Delta\sigma}$ (in m) | q (in $1 \times 10^{-27} \text{ m}^2$) | Mean q (in $\text{kg (CO}_2\text{)}/\text{s}$) | Mean u (in m/s) | Mean ϕ (in $^\circ$) |
| 10:50 | 200 | 1.46 | 15.36 ± 0.04 | 7.27 ± 0.04 | 760 ± 60 | 650 ± 240 | 5.06 ± 0.36 | 103.34 ± 6.40 |
| 10:57 | 268 | 4.77 | 9.04 ± 0.42 | 7.47 ± 0.24 | 470 ± 40 | | | |
| 11:10 | 388 | 1.67 | 19.29 ± 0.46 | 7.27 ± 0.04 | 950 ± 80 | | | |
| 11:27 | 536 | 1.78 | 8.45 ± 1.11 | 7.27 ± 0.04 | 420 ± 40 | | | |

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123 $\frac{\text{m}}{\text{s}}$