

MIRO Multicomponent Gas Analyzer (MGA) – Absorption Spectroscopy with QCL

Team Members:

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Institution:

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Atmospheric Trace Species

Previous Flight Campaigns:

GHGMon 2023 (DLR Cessna 208B)

Measured Compounds:

- Nitrous Oxide (N₂O)
- Methane (CH₄)
- Carbon Monoxide (CO)
- Water Vapor (H₂O)

Sampling Rate: 1 – 10 Hz



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