

Processing Record for this file:
(Make notes here unique for this file)

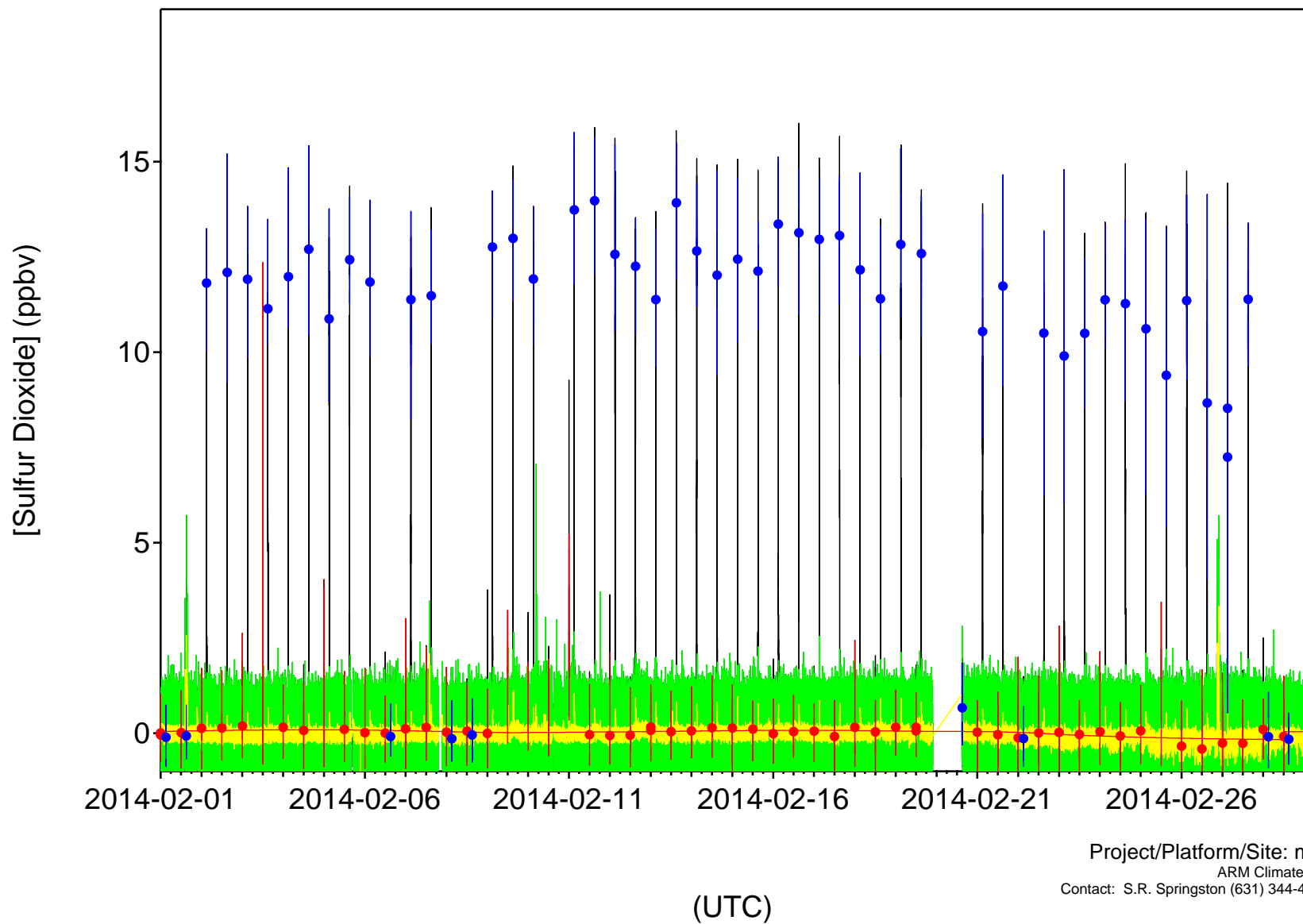
Loading 2/1 - 3/1/2014
Data loaded directly from DMF

Processed SO₂ data normally. These data are taken with a ~4-s time constant on the instrument. Appreciable S/N improvement can be obtained by averaging for 1 min.

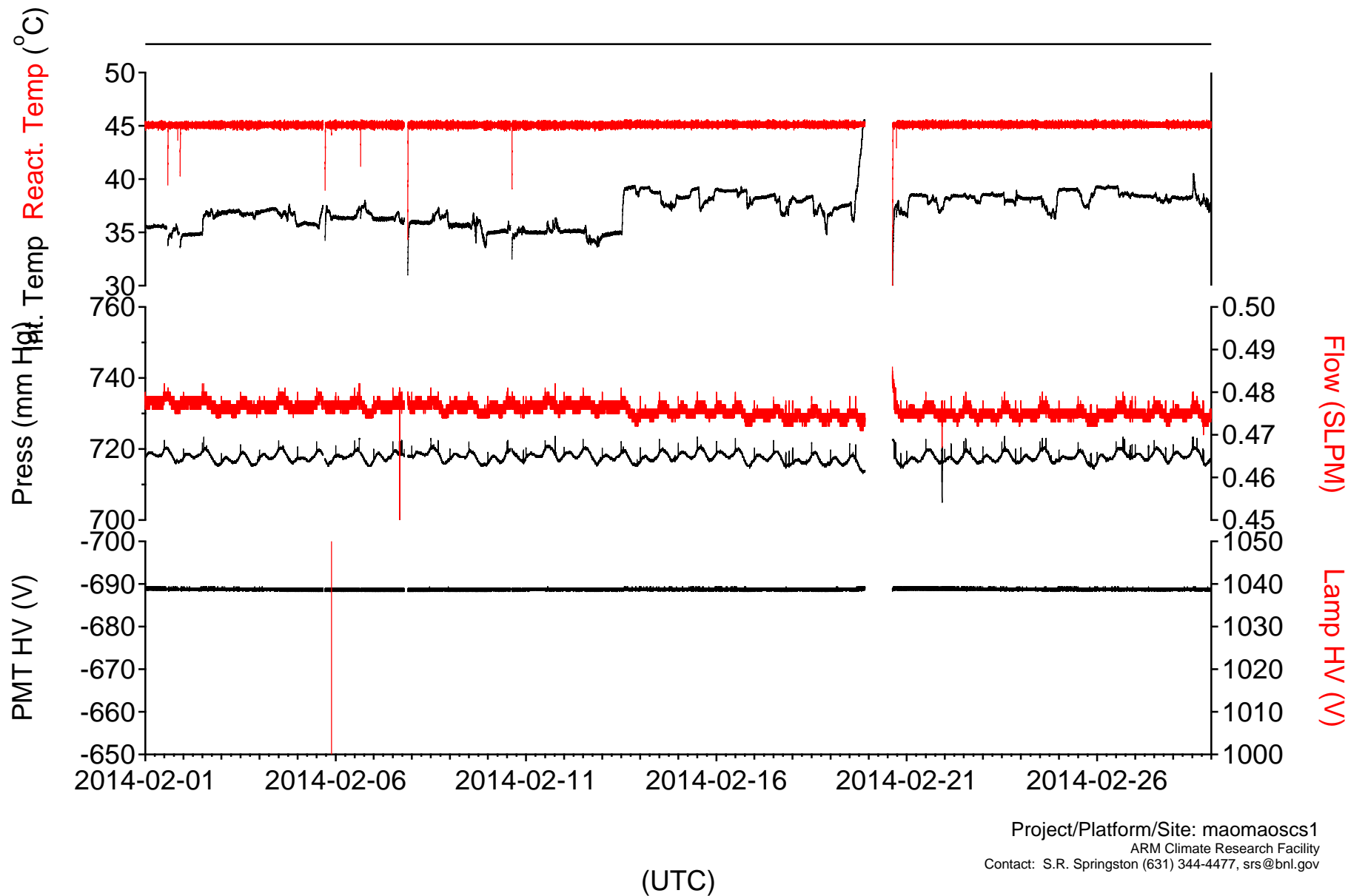
There were some brief periods where the auto zero centroids were unstable. These were ignored and an interpolated zero was used. Some indication of reduced S.A. response the last 10 days of the month. This was judged to be fluctuations in the manifold flow rate. However, the flash lamp died early the next month. This MAY have compromised the last week of data this month. Also, the standard addition time response is somewhat longer than desired. Thus, the ambient measurement appears to be affected for ~10 or more minutes. This is readily apparent in the 1-min averaged data.

Data appear normal and acceptable. There were numerous power interruptions during this month. There are two excursions from background during the month that appear real.

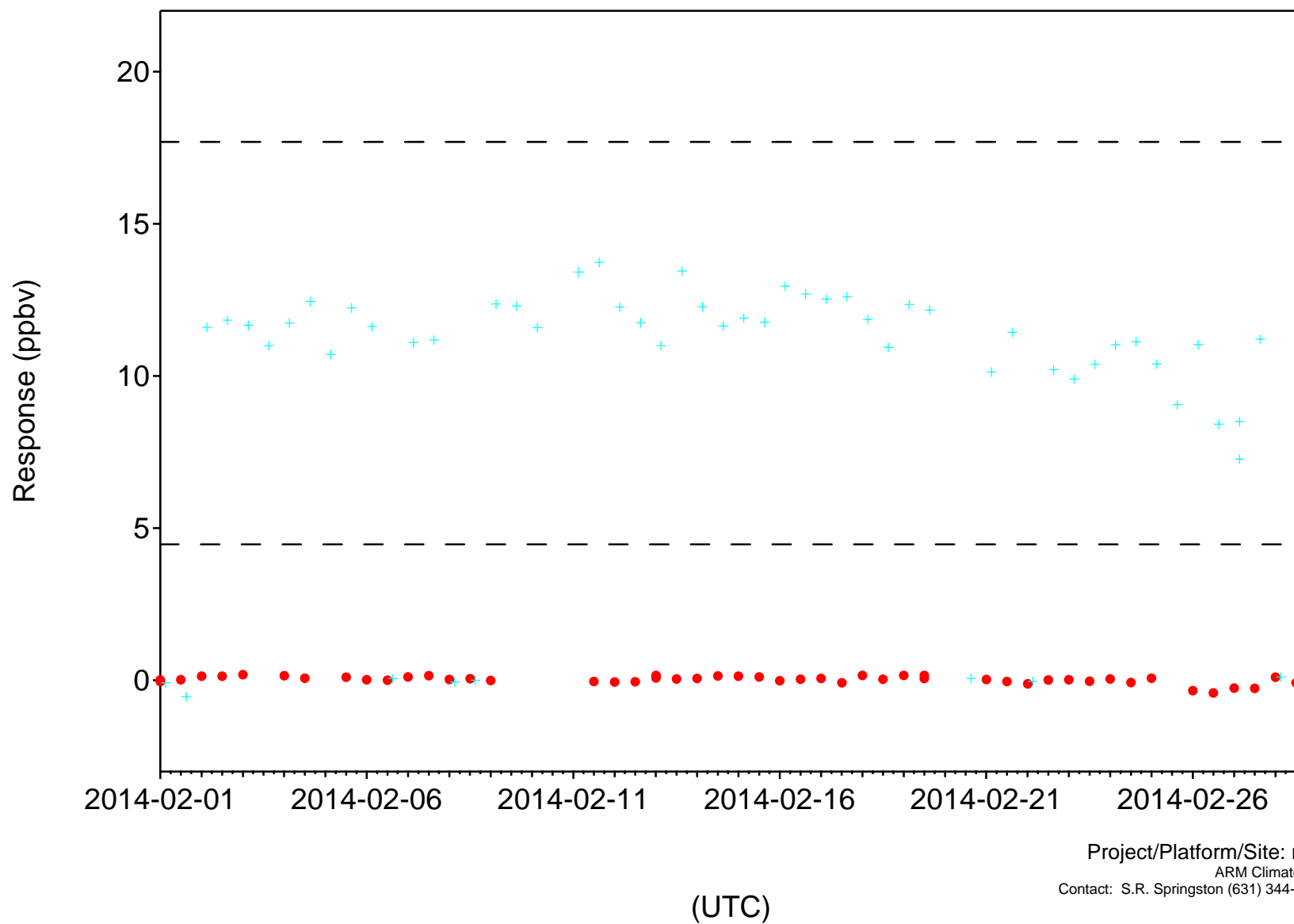
TEI Model 43i-TLE Pulsed Fluorescence SO₂ Analyzer



TEI Model 43i-TLE Pulsed Fluorescence SO₂ Analyzer
Housekeeping



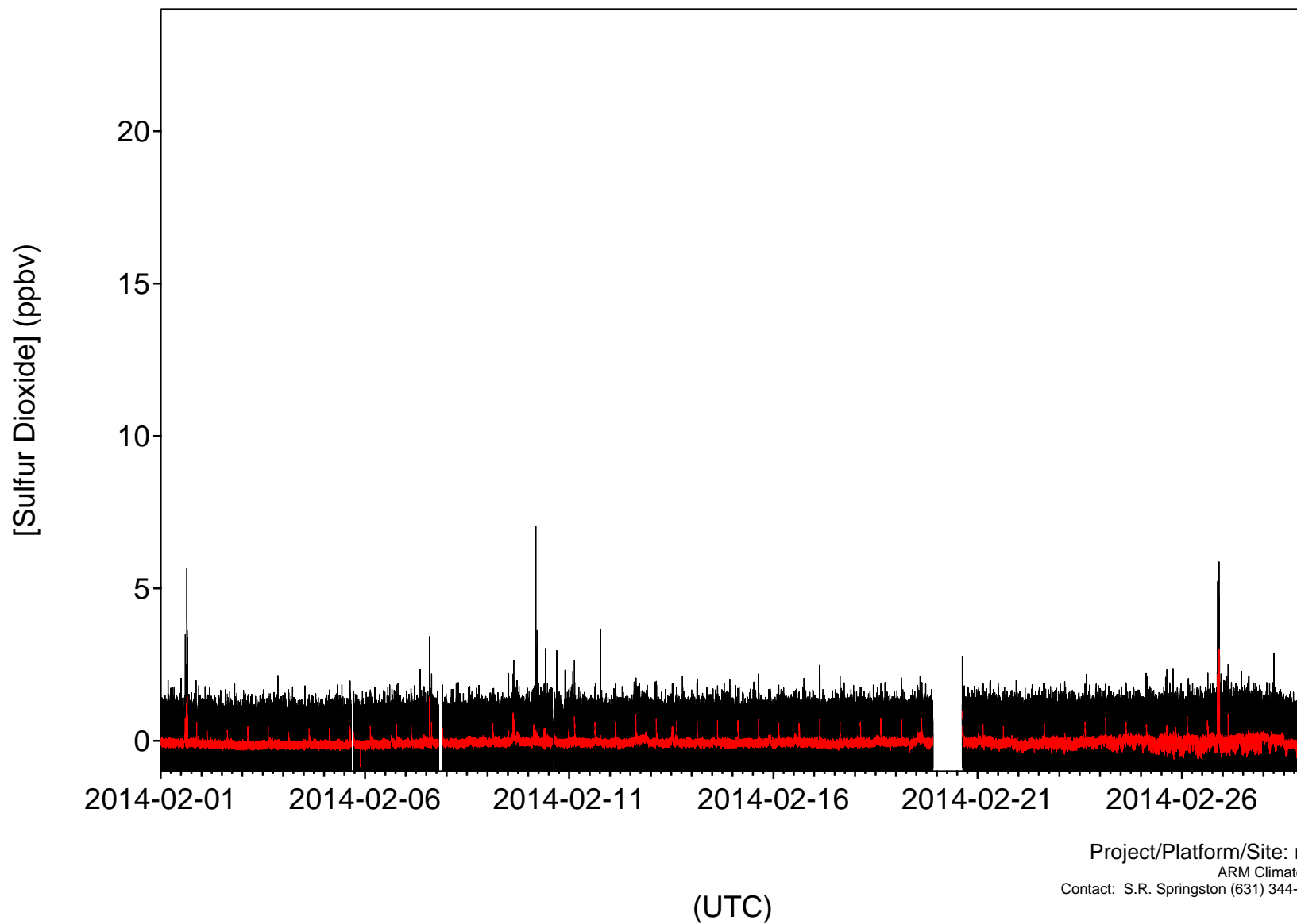
TEI Model 43i-TLE Pulsed Fluorescence SO₂ Analyzer
Zero/Span Checks



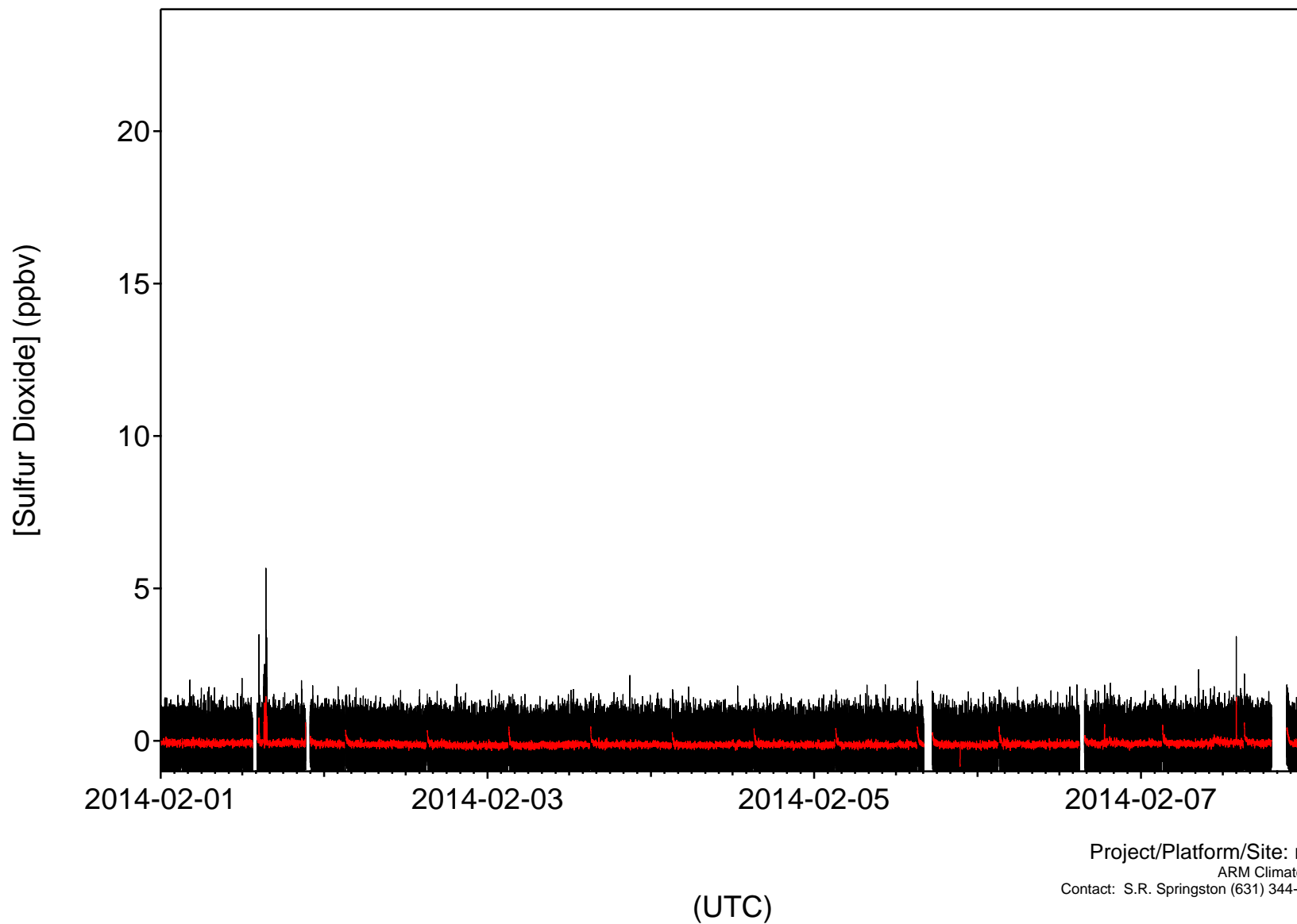
Project/Platform/Site: maomaoscs1
ARM Climate Research Facility
Contact: S.R. Springston (631) 344-4477, srs@bnl.gov

Entire Period

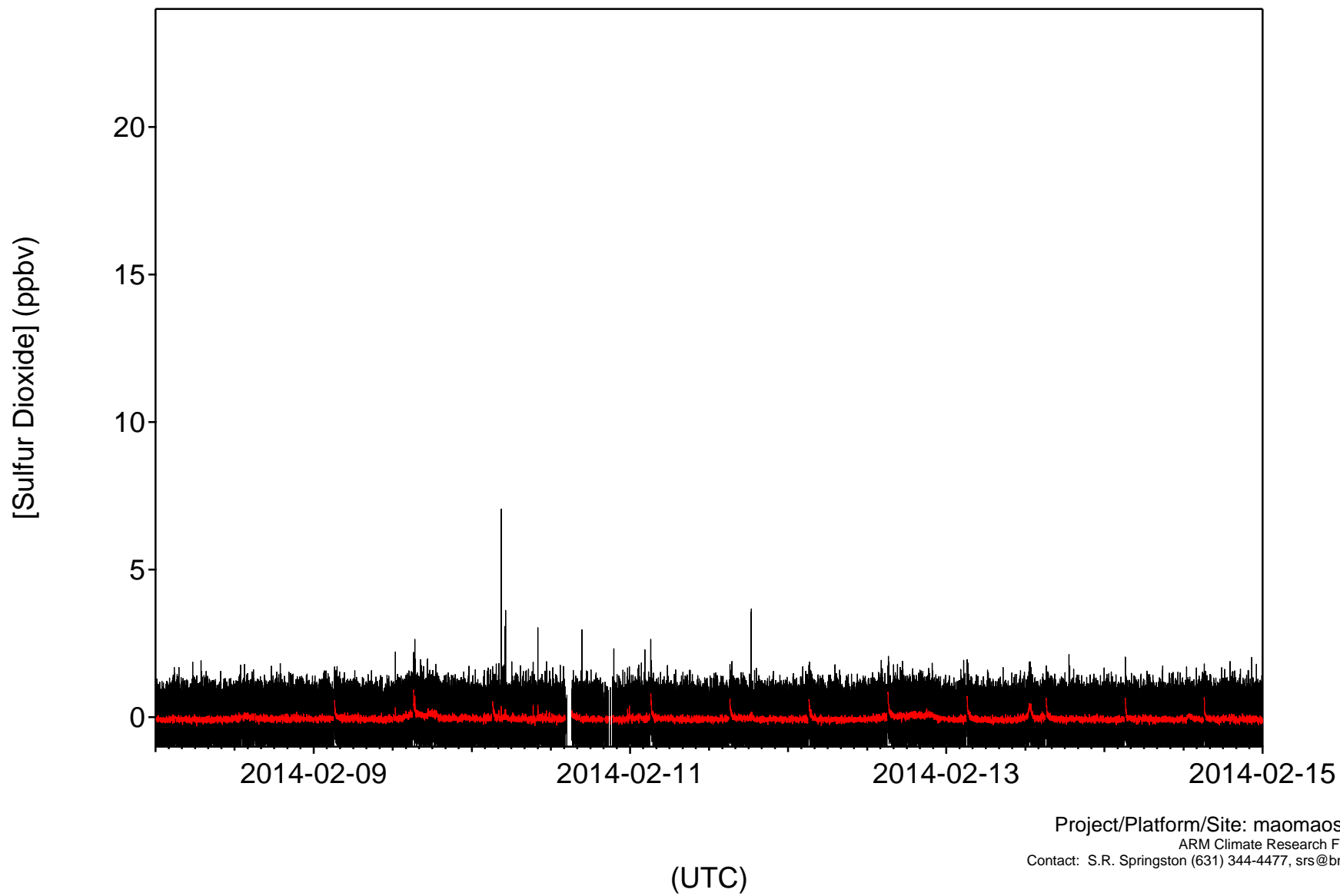
TEI Model 43i-TLE Pulsed Fluorescence SO₂ Analyzer



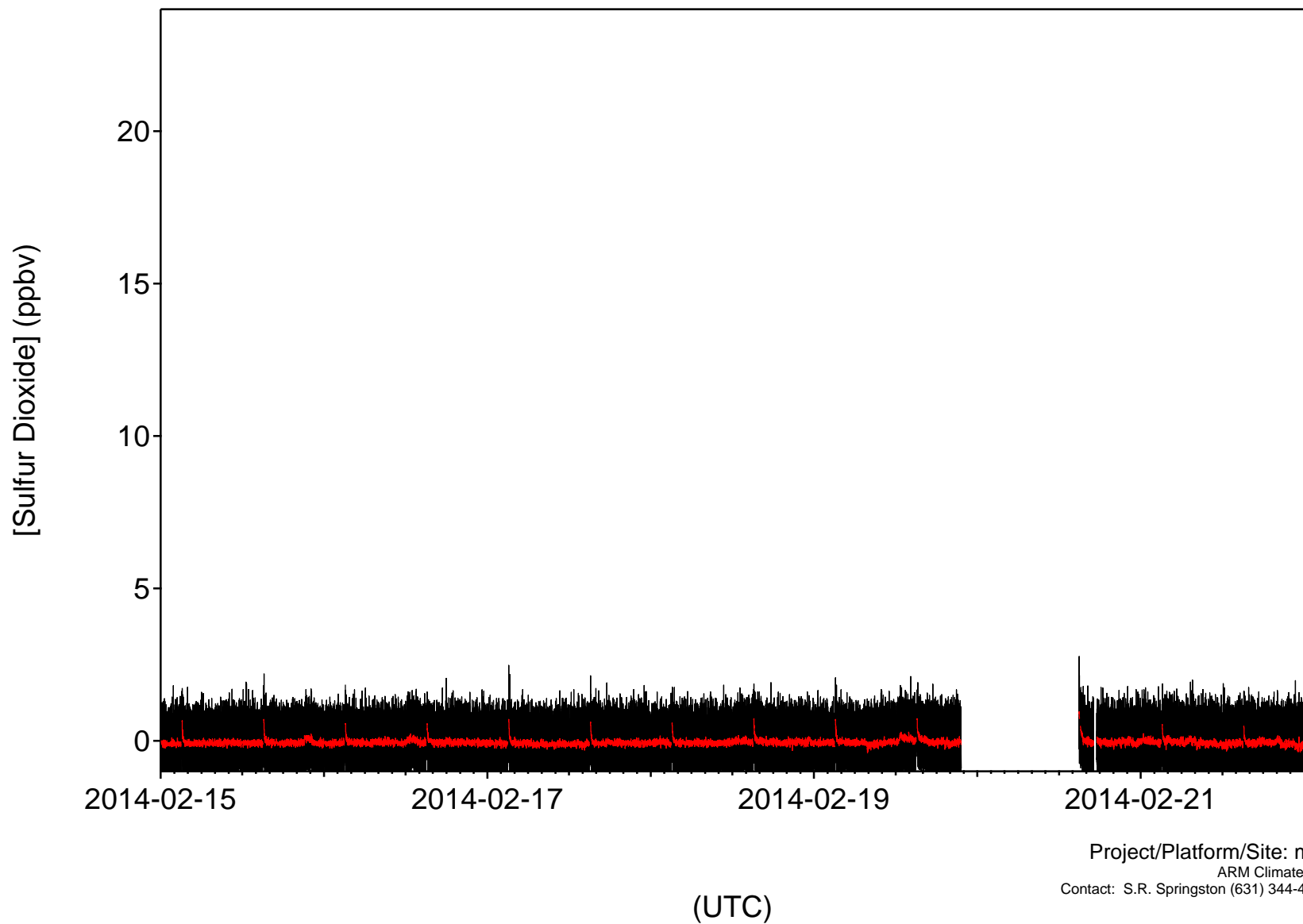
TEI Model 43i-TLE Pulsed Fluorescence SO₂ Analyzer



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