

We propose therefore :

A two radiometer test : “Covered” and “Uncovered”

Two radiometers will be placed side-by-side.

One with the radome covered (or shielded) and one open to the sky, as usual.

The covered radome will allow one radiometer to take measurements away from zenith while preventing radiative cooling and droplets from reaching that radome.

This will provide :

- A) Off zenith **liquid water “slant” path in all conditions.**
- B) Comparison of covered and uncovered measurements off-zenith to **determine when rain contamination is present.**
- C) Data that could be used to develop/test corrections for the uncovered measurements.

