

Interactive comment on “On Study of Two-Dimensional Lunar Scan for Advanced Technology Microwave Sounder Geometric Calibration” by Jun Zhou and Hu Yang

Maurizio De Bartolomei

maurizio.debartolomei@eumetsat.int

Received and published: 17 May 2019

The satellite position is not taken into account for the Moon viewing direction computation, i.e. eq. 4 transforms the Moon position from ECI (Earth-Centred Inertial) to antenna frame (satellite centred) without keeping into account the shift between the two frames and that this shift changes during the scans. But likely, considering the distance to the Moon, the effect is negligible.

Interactive comment on Atmos. Meas. Tech. Discuss., doi:10.5194/amt-2019-177, 2019.