

Review of amt-2021-216

The manuscript “Retrievals of ice microphysics using dual-wavelength polarimetric radar observations during stratiform precipitation events” is improved from its previous version. A minor revision is recommended.

Specific comments:

Line 90: Define σ_n .

Line 162: Add “differential” to specific propagation phase (KDP – the name is usually defined as specific differential phase).

Line 172-173: You use capital Z_H and Z_V (which are common for a log scale), whereas you use linear z_H and z_V in the definition, eq. (3). Try to be consistent with the definition.

Lines 210-211: The sentence is somewhat confusing, reformulate it.

Line 255: The word “this” is repeated, fix the typo.

Lines 1062-1064: This sentence is unclear.

Lines 1073-1074: The right parenthesis/bracket “)” at the end of the sentence is missing.