The prototype algorithms of Rainfall Potential and Probability of Rainfall have been developed for the AMI on the GK-2A.

The results of prototype algorithms indicate overestimation of Rainfall Potential and underestimation of Probability of Rainfall.

We plan to improve the final version of algorithms by including:
- making adjustments for *growth and decay* of rainfall features.
- adding two different tracking strategies between shallow and not-shallow rainfall types.
- using Himawari-8 AHI (Advanced Himawari Imager) data as a proxy data.

**6. REFERENCES**


