



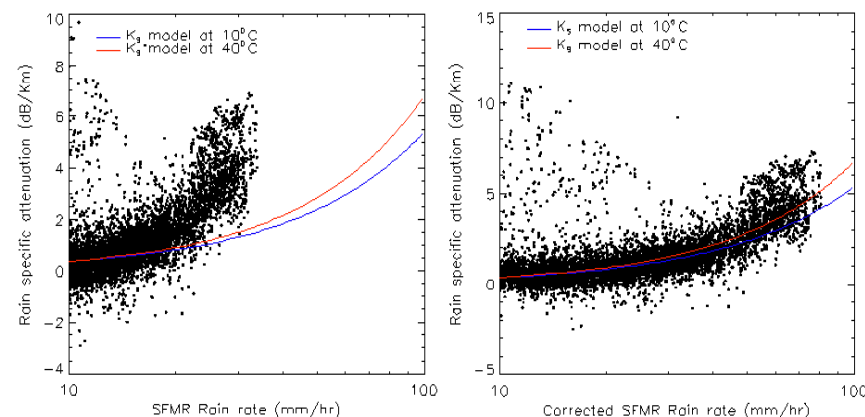
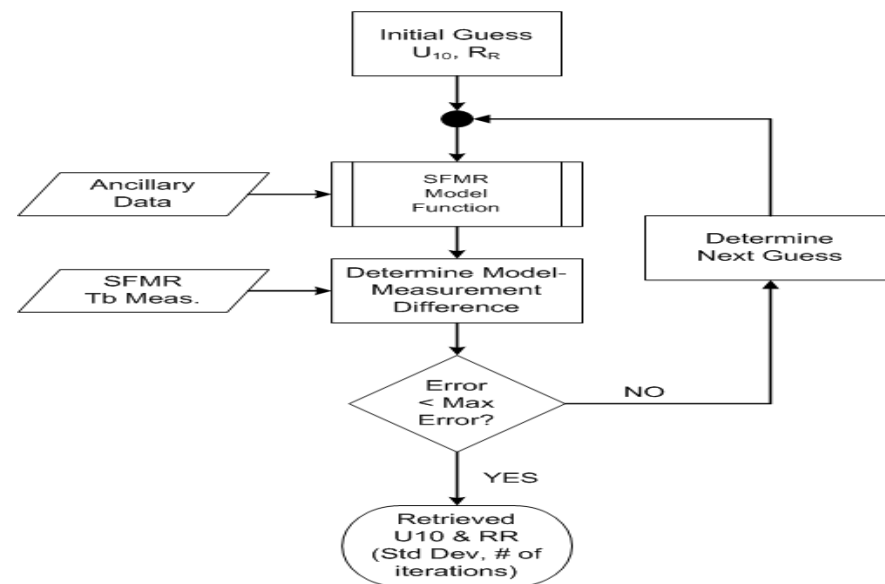
SFMR Reprocessing Project – Ocean Winds Observations



Suleiman Alsw Weiss¹, Joe Sapp¹, Zorana Jelenak², Paul S. Chang³, and James R. Carswell⁴

¹Global Science & Technology, ²UCAR, ³NOAA/NESDIS/STAR, ⁴Remote Sensing Solutions

- NOAA Ocean Winds field experiments program has three main objectives:
 - Calibration and validation of satellite-based sensors and advanced data products
 - Development and improvement of space-based ocean surface vector wind (OSVW) products
 - Testing of new remote sensing technologies for future satellite missions (risk reduction & feasibility studies)
- The goal is to have a consistent data set of SFMR and *in situ* measurements
 - More than 10 years of SFMR, sondes and buoys
- SFMR retrievals were reprocessed using a new rain absorption coefficient
 - Derived using IWRAP Ku-band reflectivity



(a)

(b)