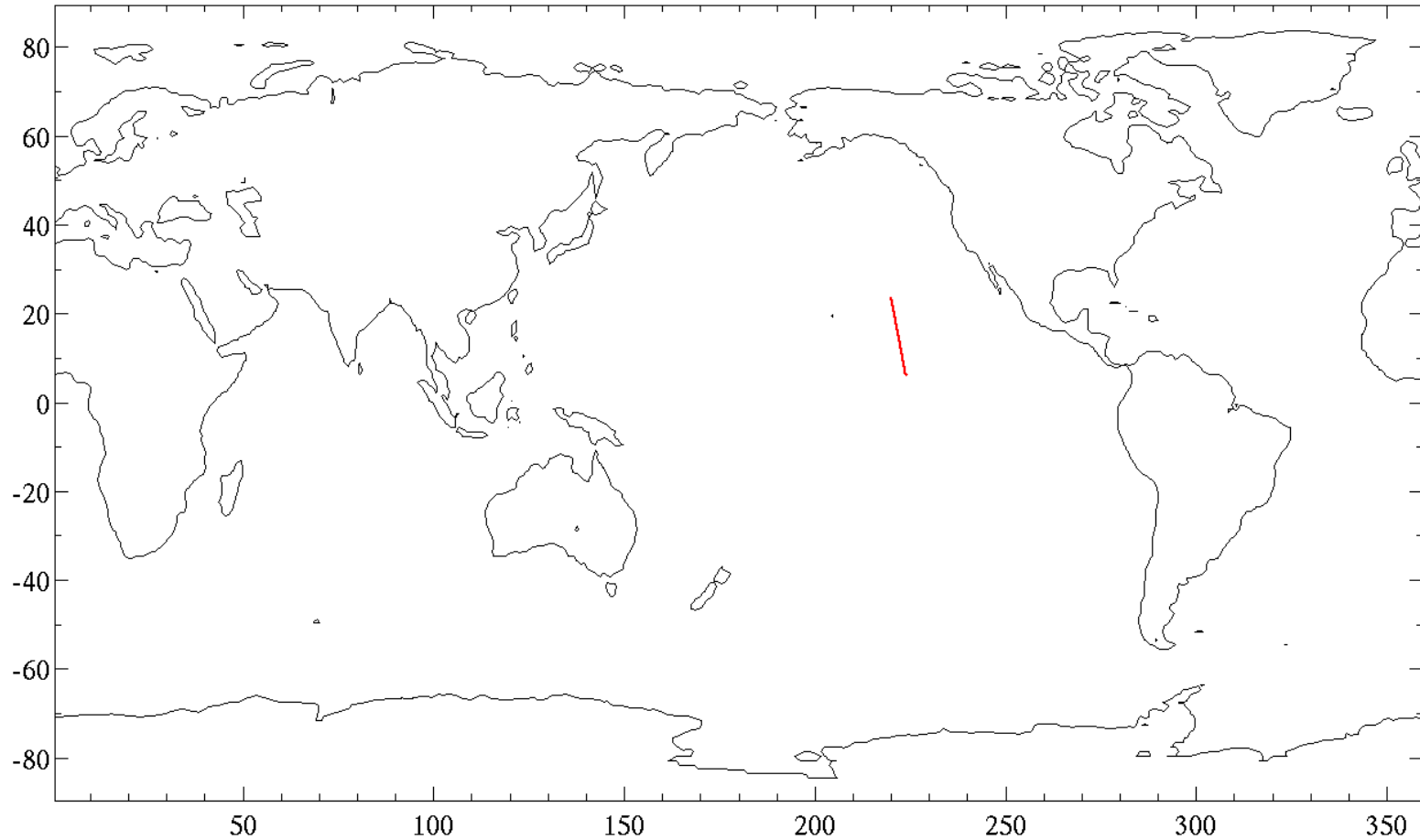


# Cold Sky Calibration: quicklook

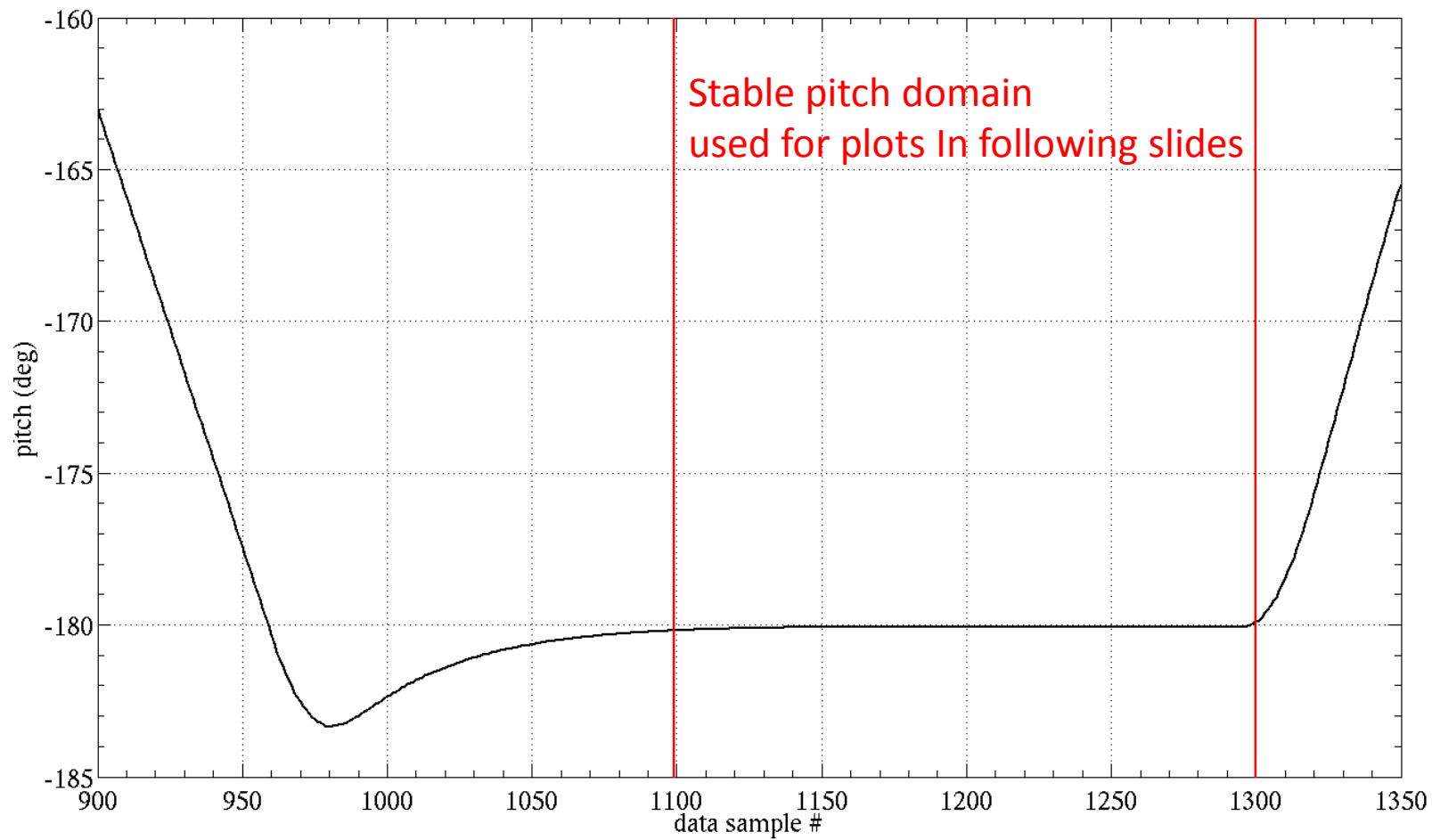
E. Dinnat, D. Le Vine, S. Abraham

03/26/2012

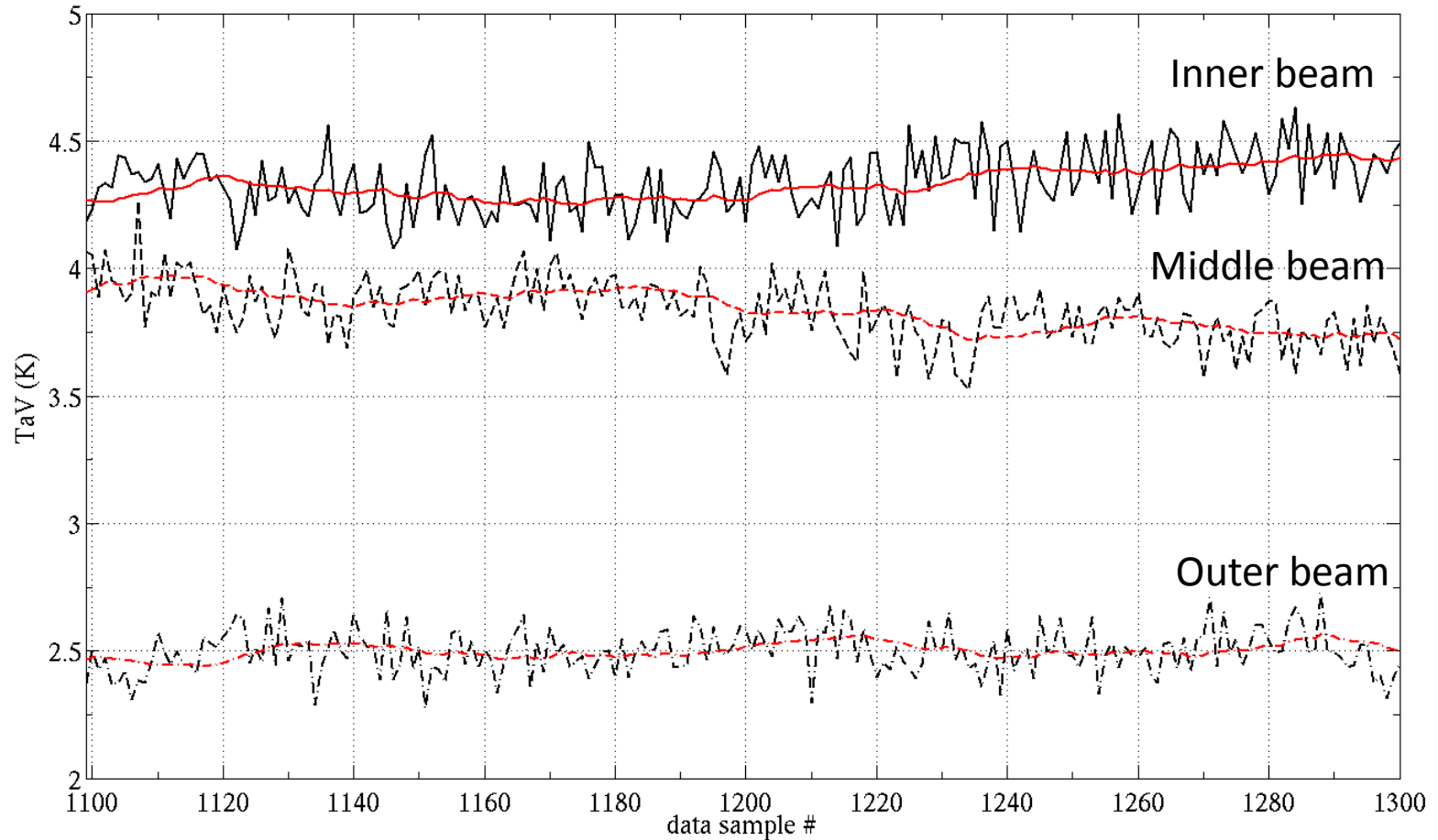
# Spacecraft groundtrack for 03/24/2012 maneuver



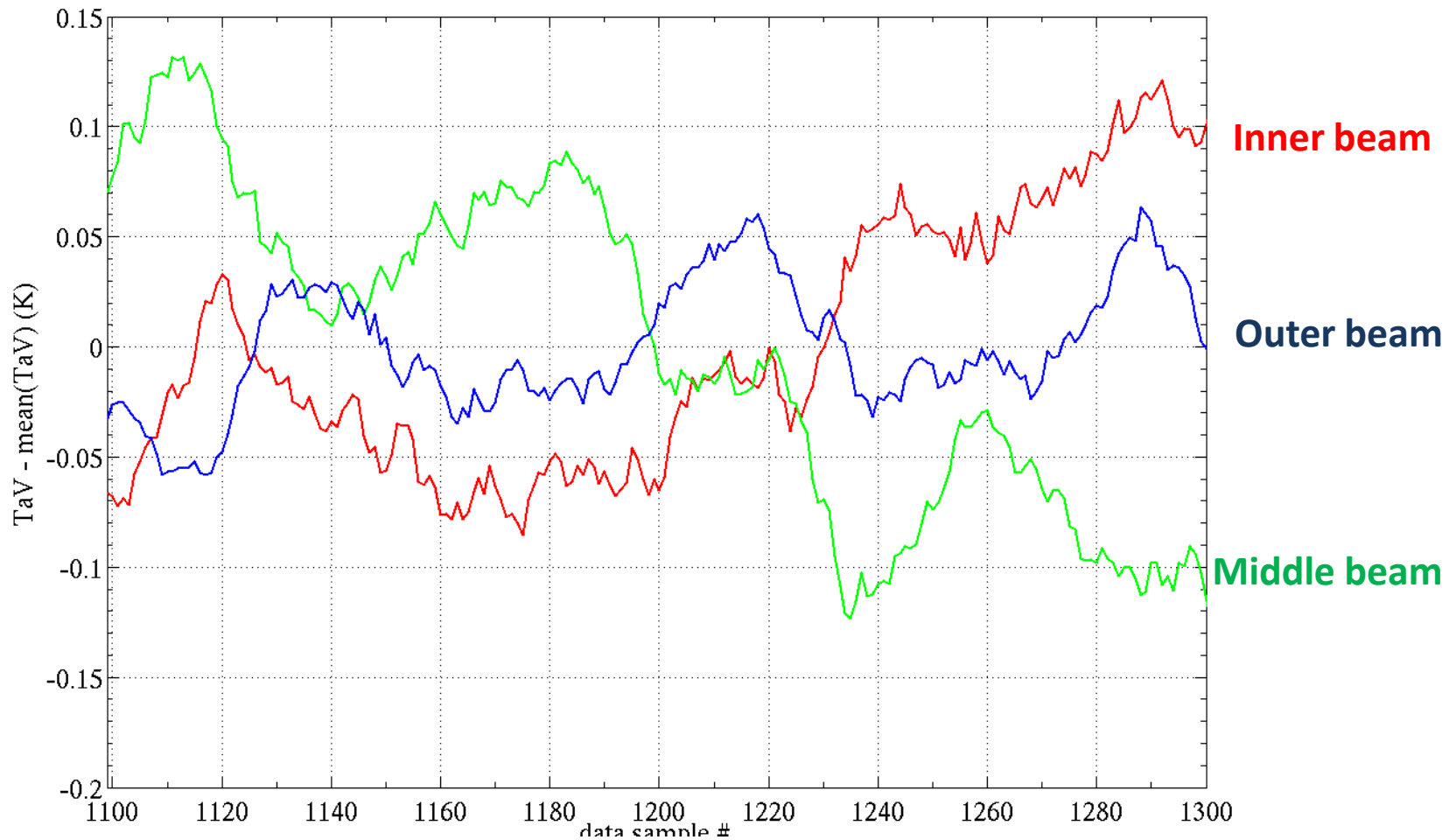
# Pitch angle



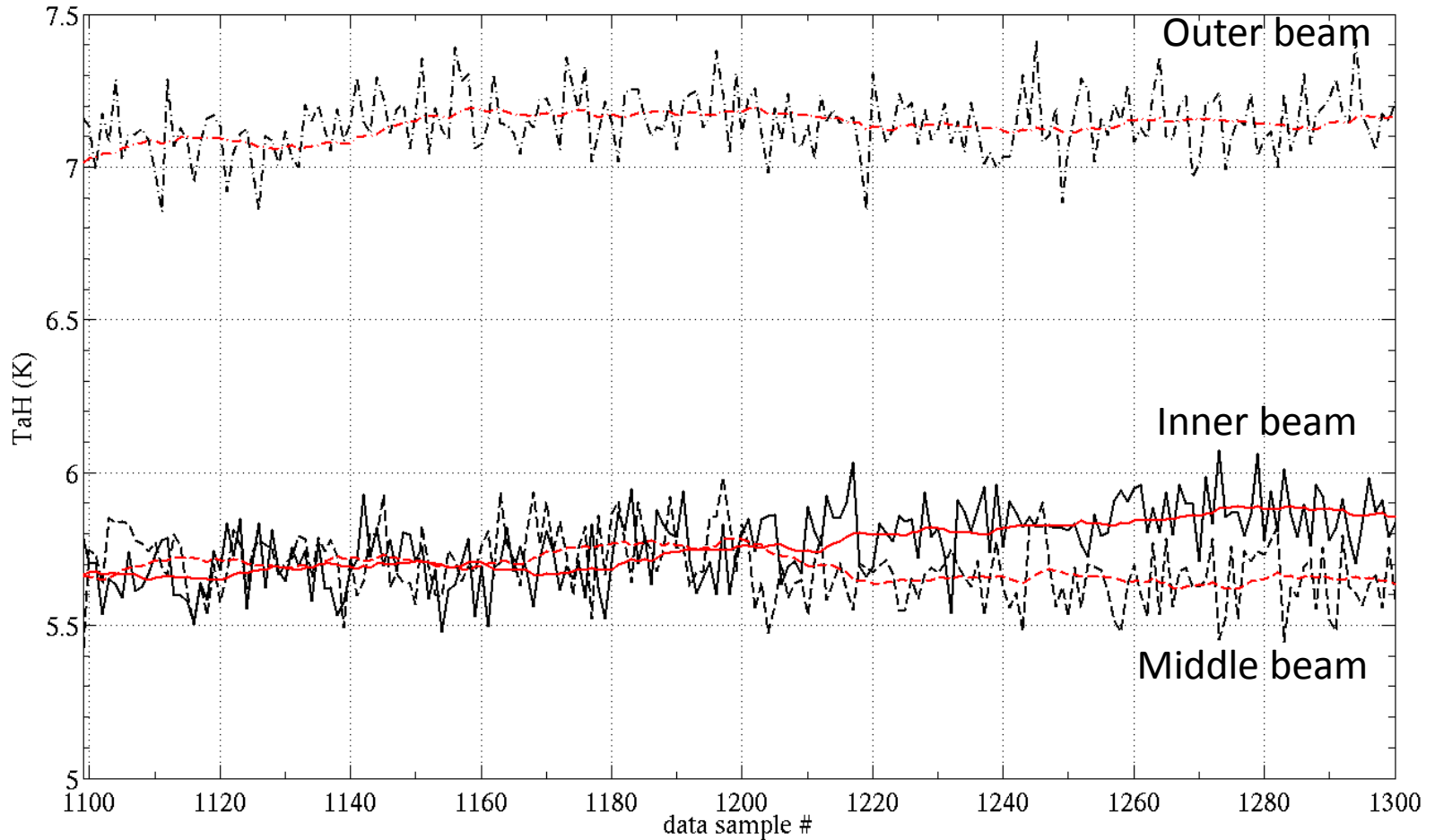
# Antenna temperature, V-pol



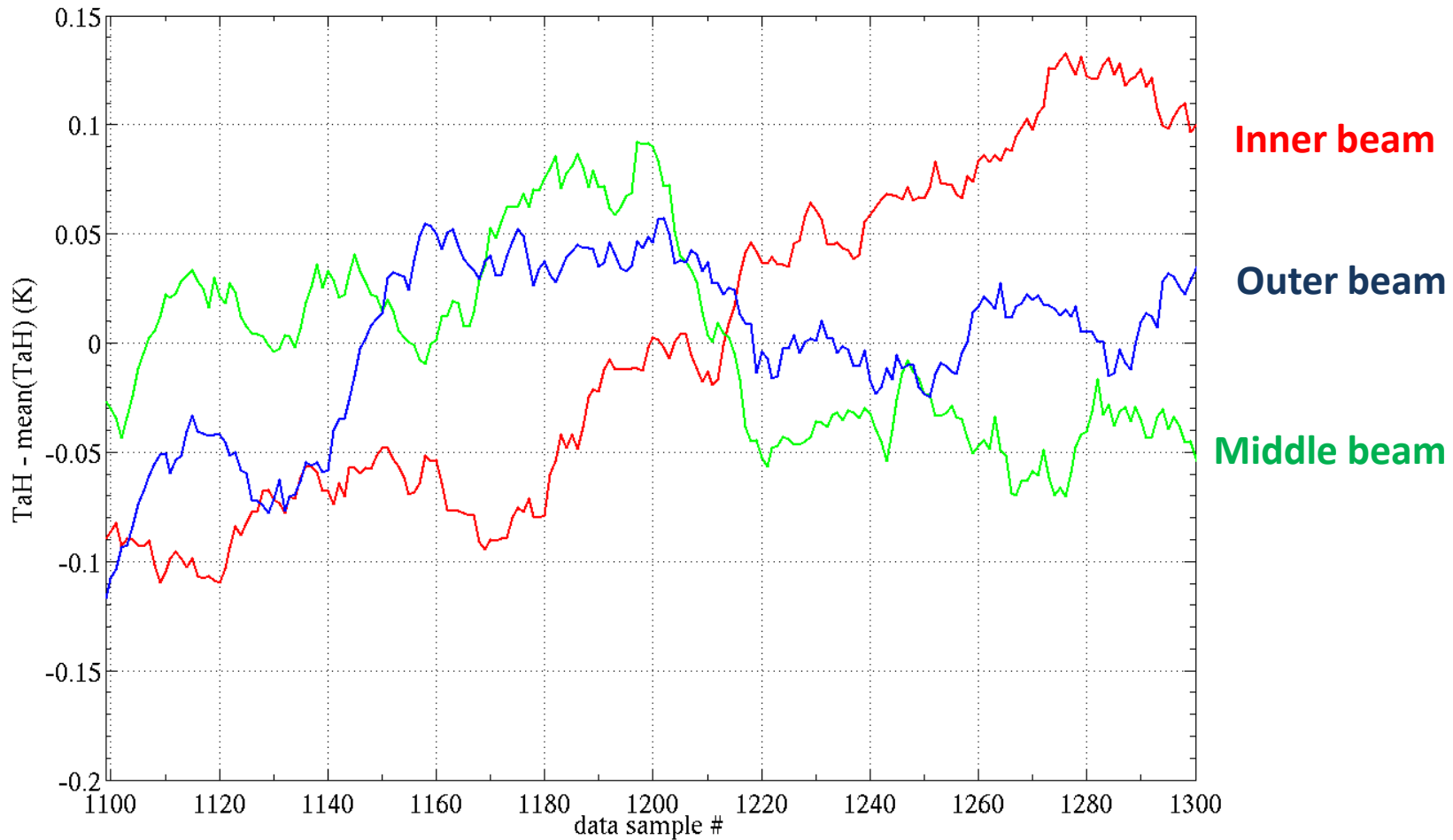
# Antenna temperature, V-pol variations around mean



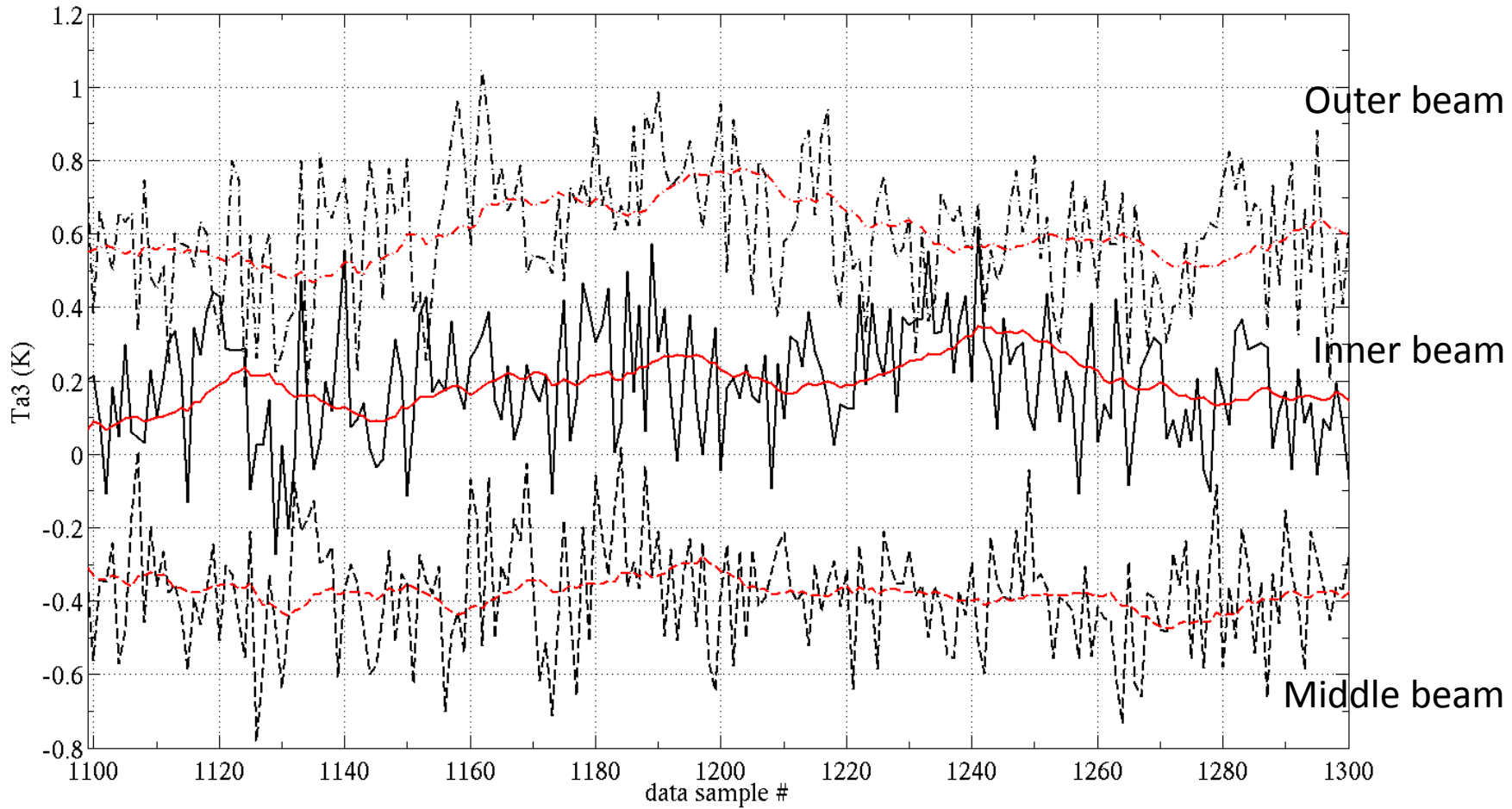
# Antenna temperature, H-pol



# Antenna temperature, H-pol variations around mean

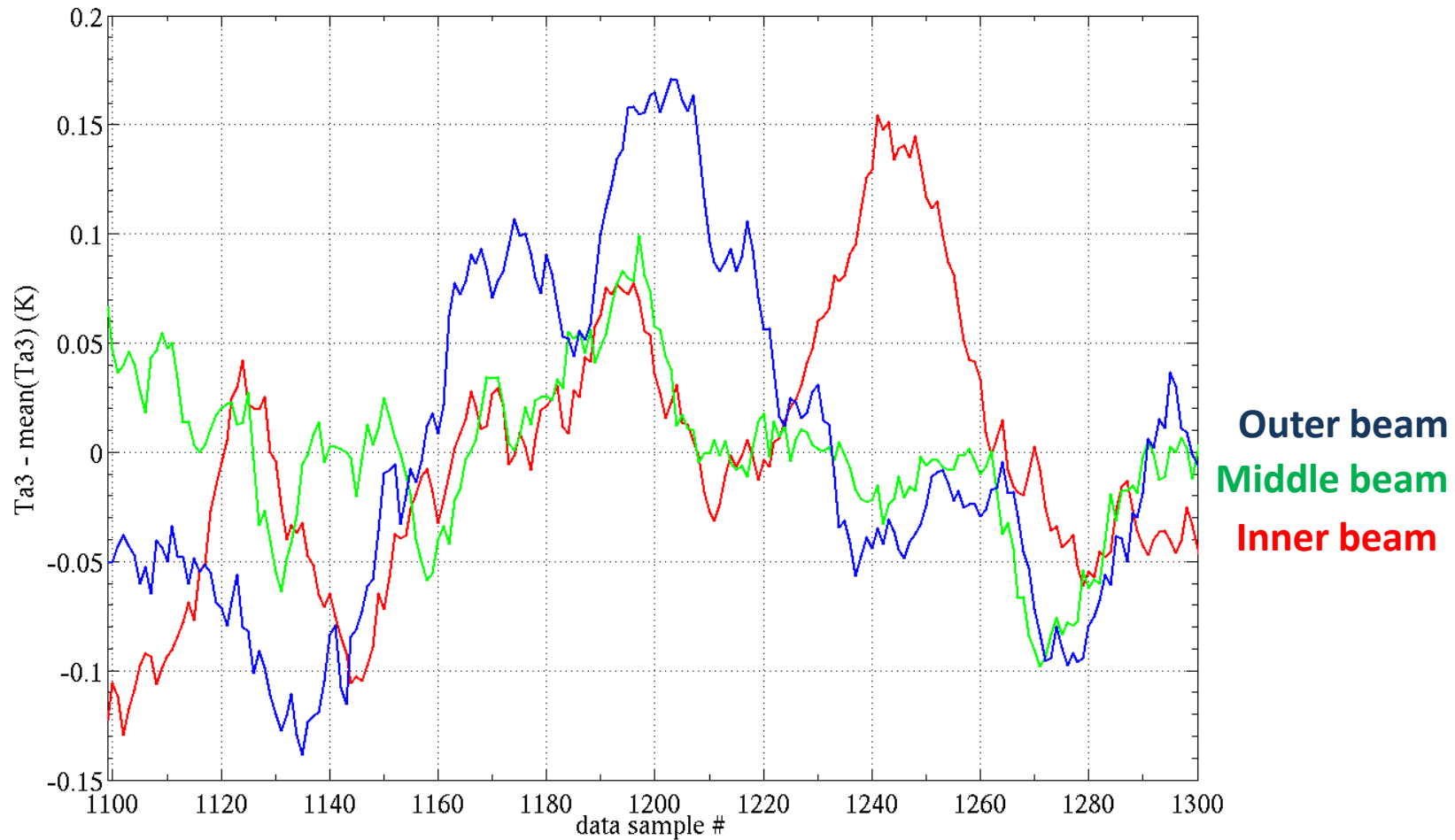


# Antenna temperature, Stokes 3



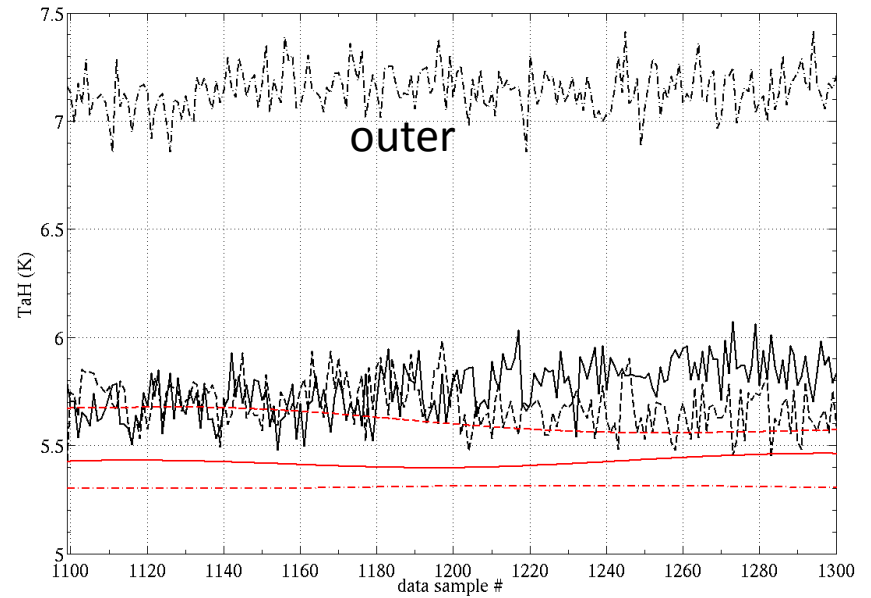
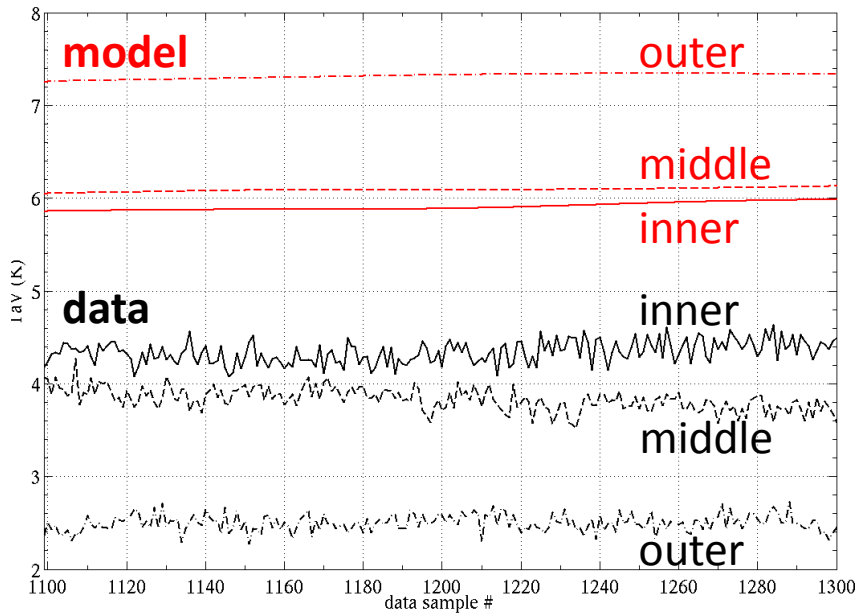


# Antenna temperature, Stokes 3 variations around mean

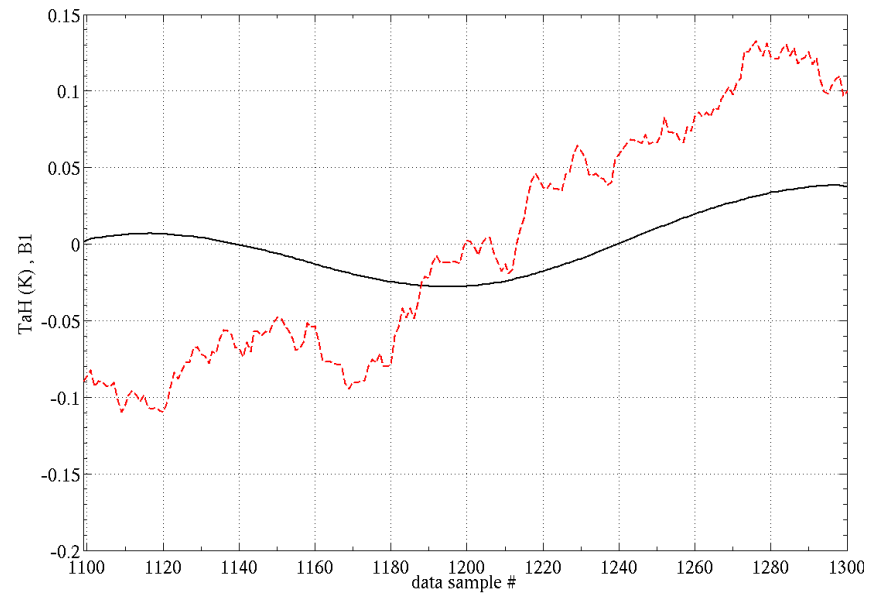
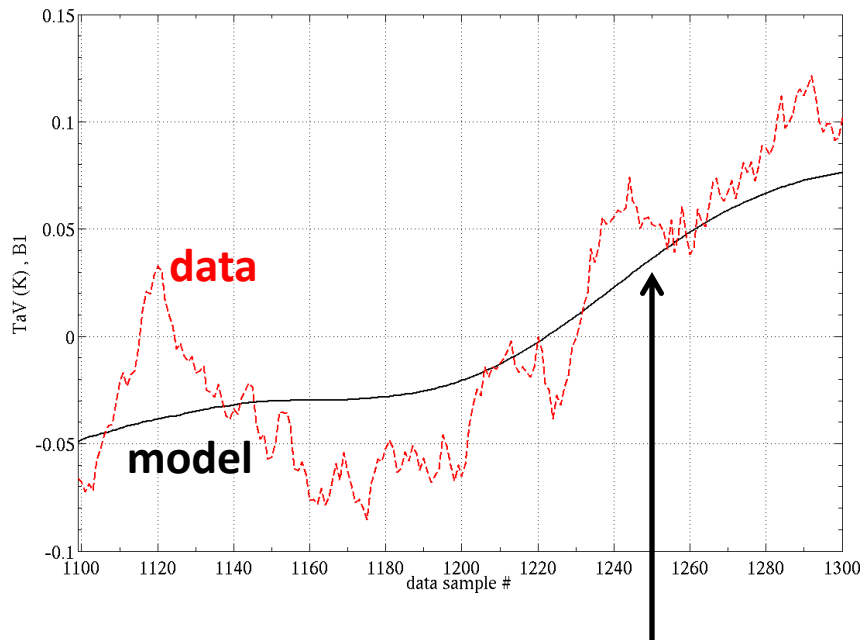


# Comparison to simulations

# Ta V-pol & H-pol

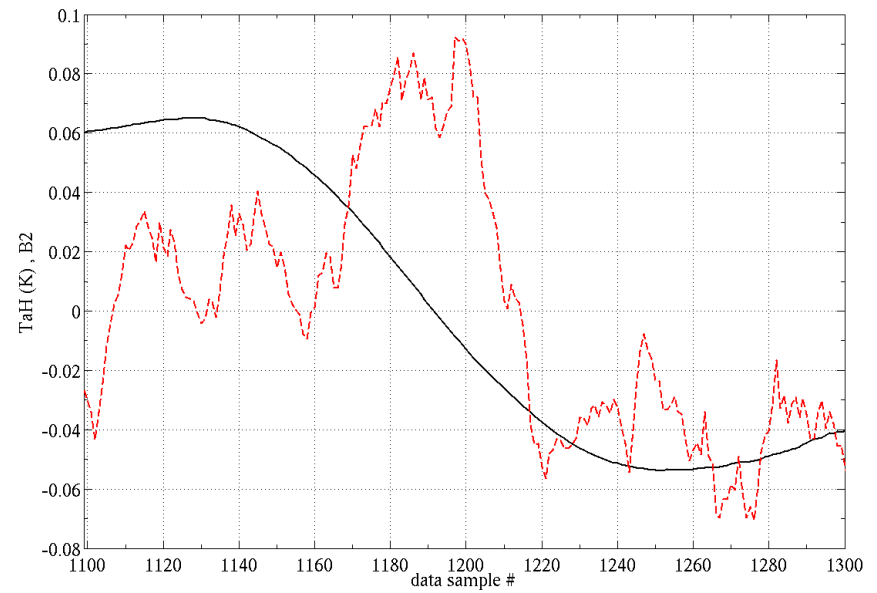
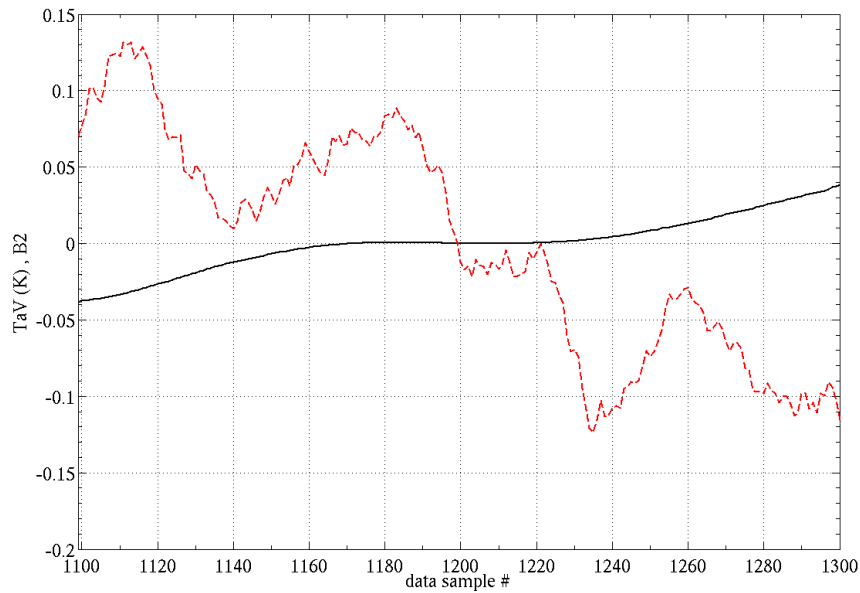


# Ta variation (=Ta – mean(Ta)) Beam 1



In simulator,  $\frac{1}{2}$  of increase ( $\sim 0.06\text{K}$ ) is due to Sky and  $\frac{1}{2}$  due to Earth.

# Ta variation (=Ta – mean(Ta)) Beam 2



# Ta variation (=Ta – mean(Ta))

## Beam 3

