

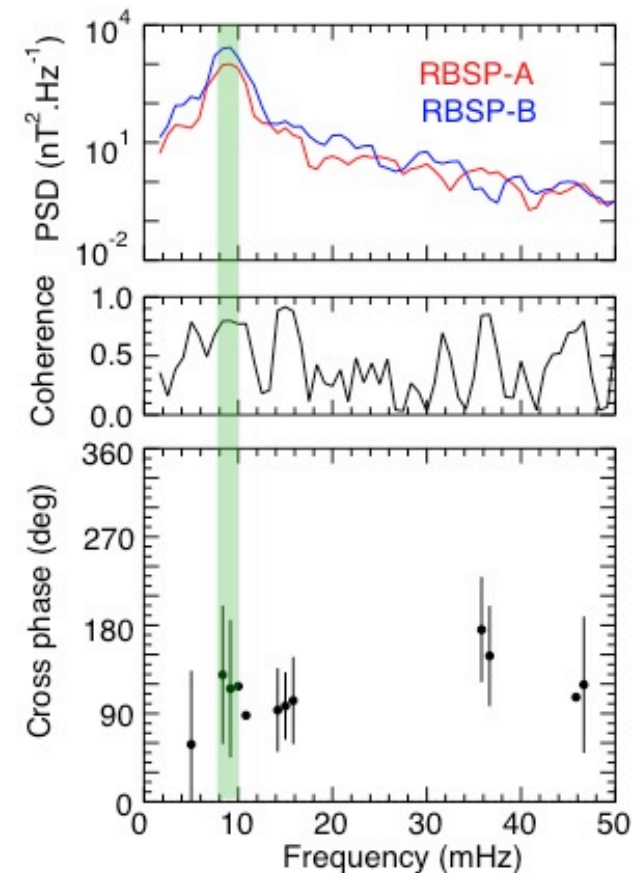
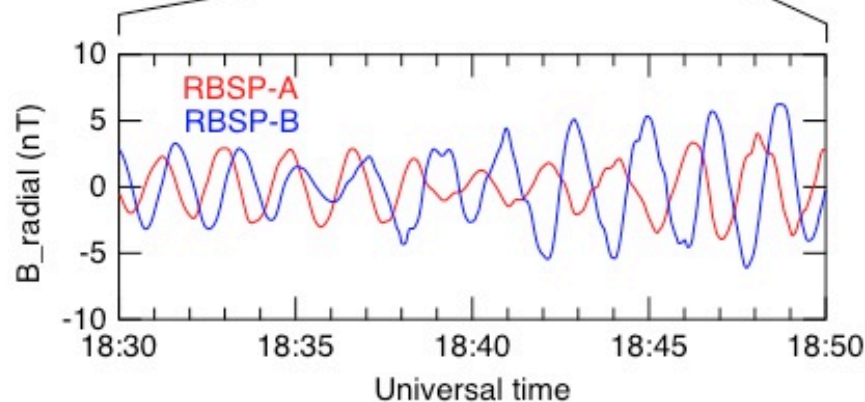
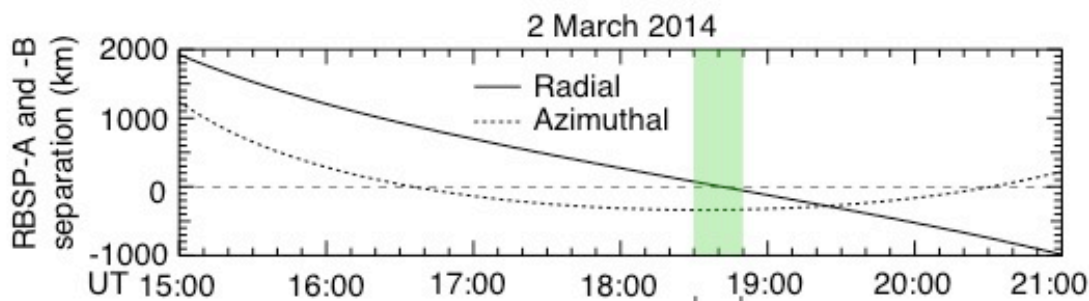
# Orbit evolution impacts on the diagnosis of ULF wave parameters

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Van Allen Probes Science Working Group Meeting  
Southwest Research Institute, San Antonio  
September 24, 2014

# Poloidal wave event during a conjunction

$$m = \Delta\theta / \Delta\phi \sim 120 / 0.7 \sim 170$$



# RBSP-A –and –B conjunctions (not necessarily wave events)

$\Delta R < 100$  (km)  
 $\Delta \text{MLT} < 0.1$  (hr)

