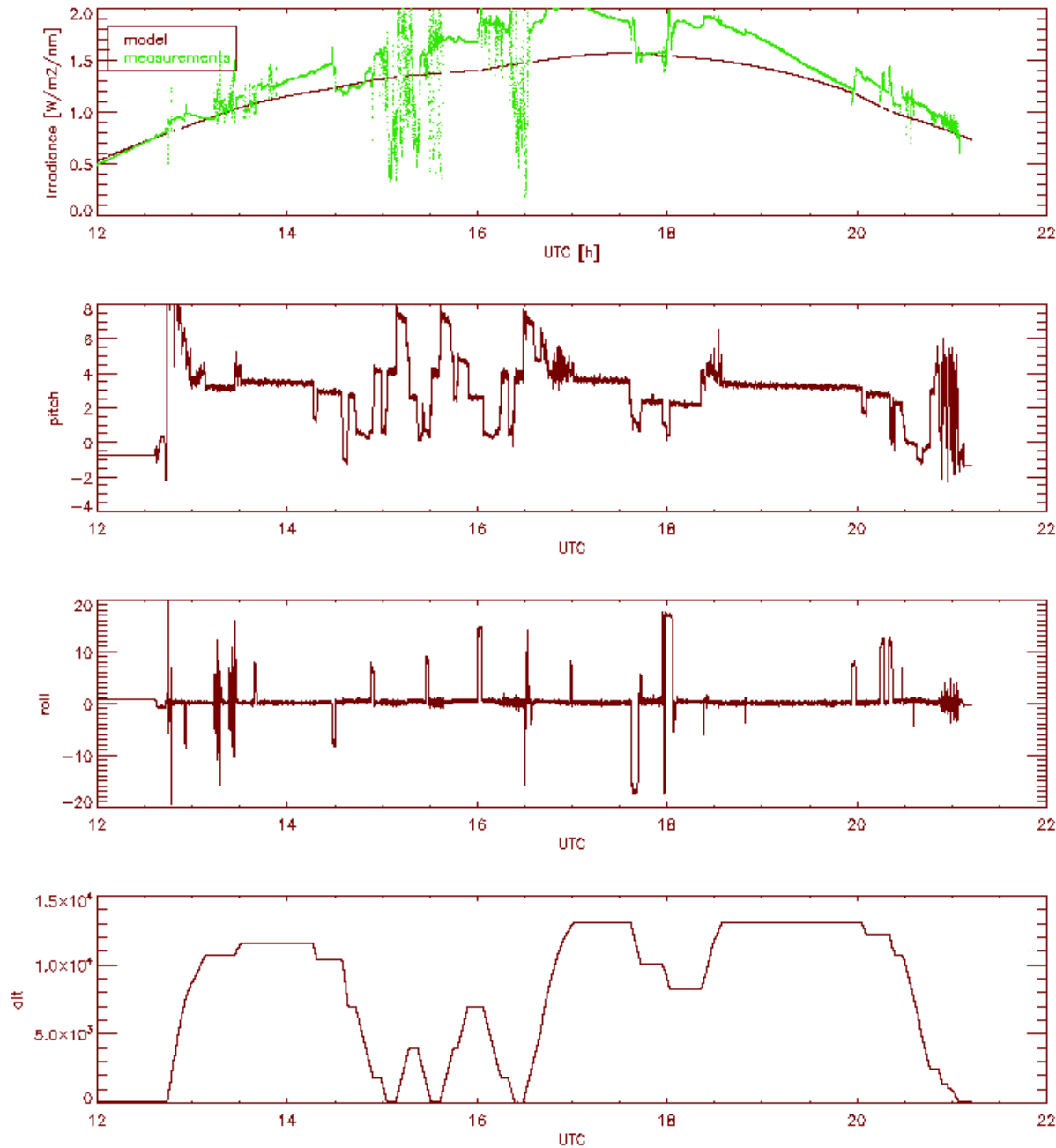


TORERO

Irradiances (RF02)

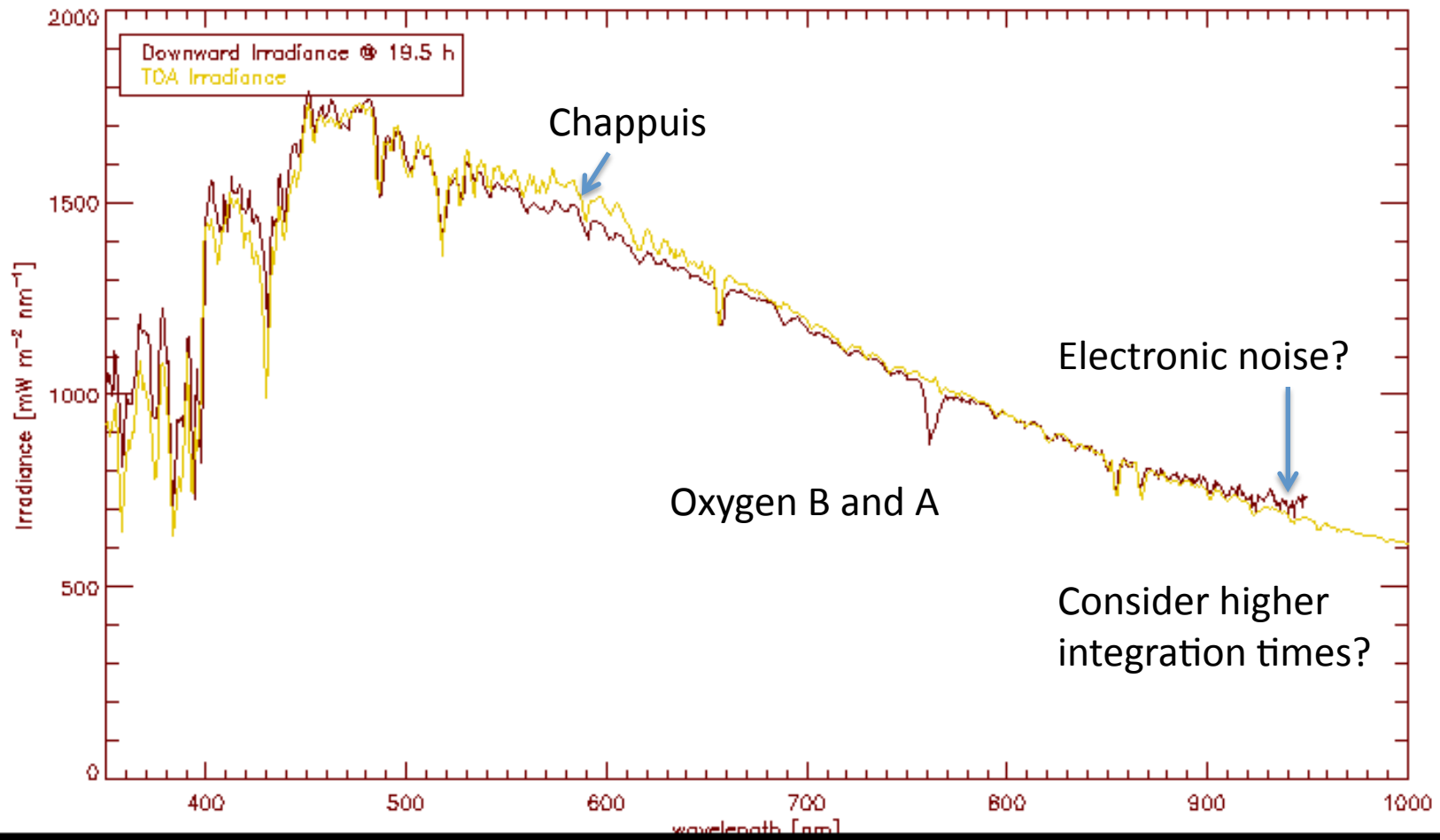


Quick check of zenith irradiance (at 588 nm).

The results are not yet corrected for the changing aircraft attitude and the cosine response of the light collector.

The overestimation of downward irradiance is a bit unusual, but not impossible; will see in further processing.

Spectrum at 19.5 UTC



TBD:

Implement angular and cosine correction when platform is locked in position (I have all the necessary data).

Check if the downward irradiance is in agreement with the model after doing so.

I do not recommend locking one axis and letting the other one stabilize because it will be tricky to do the corrections that way after the fact. The best would be to either stabilize both axis, or turn both axis off in a fixed position.

I will start looking at ocean albedo spectral contrasts.