

ACTION ITEMS on WIND related to the meeting on QTN (March, 3rd, 2016)

Most of these action items should be delivered next summer

WIND-A1: Take into account secondary emission to correct s/c potential and check photoelectron emission, in order to yield 3DP plasma parameters (Chadi)

WIND-A2: Give 3DP database (fitted parameters of core, halo and strahl if any including temperature anisotropy) to the Meudon 's team. (Chadi)

WIND-A3: Give to Berkeley updated high frequency resolution electron density data files, from the neural network (Karine)

WIND-A4: Test the presence of Ion Accoustic Waves on both TNR and TDS (Chadi, Yuguang ?)

WIND-A5: Ion acoustic waves pollute the first frequencies of TNR/Band A spectrum. Remove these data points and test the fitting (Gaétan).

WIND-A6: To fit TNR spectra with a kappa function, take into account conditions used by Claude Perche (in his 2 Maxwellians fitting procedure and one-minute resolution) to select frequency points and remove those polluted by type II, type III bursts and other perturbations above f_p . Send also some example of fitting with kappa to Chadi to make correction on s/c potential and 3DP parameter, especially may-june-july 1995 (Gaétan).

WIND-A7: Deduce the new antenna length to fit data after the break of antennas, in 2000

WIND-A8: Gain time for the fitting procedure. Gaétan will show some methods to Yuguang during the week 7-11 march 2016.

WIND-A9: Study day 1995/06/21 from 22:00 to 24:00. A priori, this date does not show $2f_p$ emission, neither Ion Accoustic Waves. (Collaboration during the week)

WIND-A10: Send the fitting procedure to Berkeley to adapt if needed the fitting procedure for a sum of 2 Maxwellians with full resolution, make comparison between Kappa and 2 Maxwellians, and later extend to anisotropic plasma (Meudon, Berkeley). This will be the first step to see some effect of the strahl in WIND data.