

Fanglei presented her analysis of horizontal polarization profiles for this run. Comparing with last run, the horizontal resonance strength extracted from the polarization profiles is stronger this run even on AGS user2, which suppose to have the similar lattice as run6. Thomas pointed out that the resonance strength should be extracted from the fitted polarization instead of measured polarization at peak position.

The meeting went on to discuss the job list for the remaining of the run. A question was raised about the coupling on the ramp. Is it possible that the beam is not centered in the sextupoles with current setting? Steve noticed that the chromaticity went through zero around 540ms. For the remaining time, we are going to focus on following jobs:

Change cold snake bump/quads to the settings of May 2, 2006.

Change radius to be flat between C14 and C18 for ramp polarization measurements.

Take ramp polarization measurements in overnight shifts.

Raise user injection energy to $G\gamma = 5.5$ and measure emittances.

Haixin