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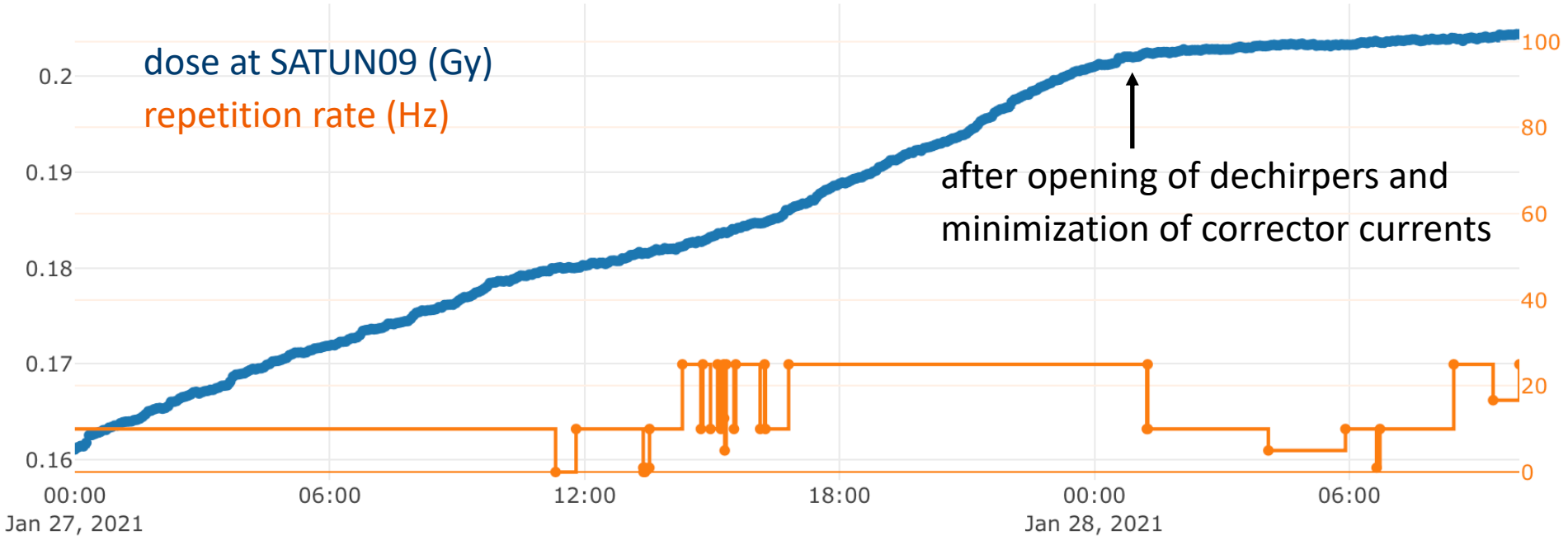


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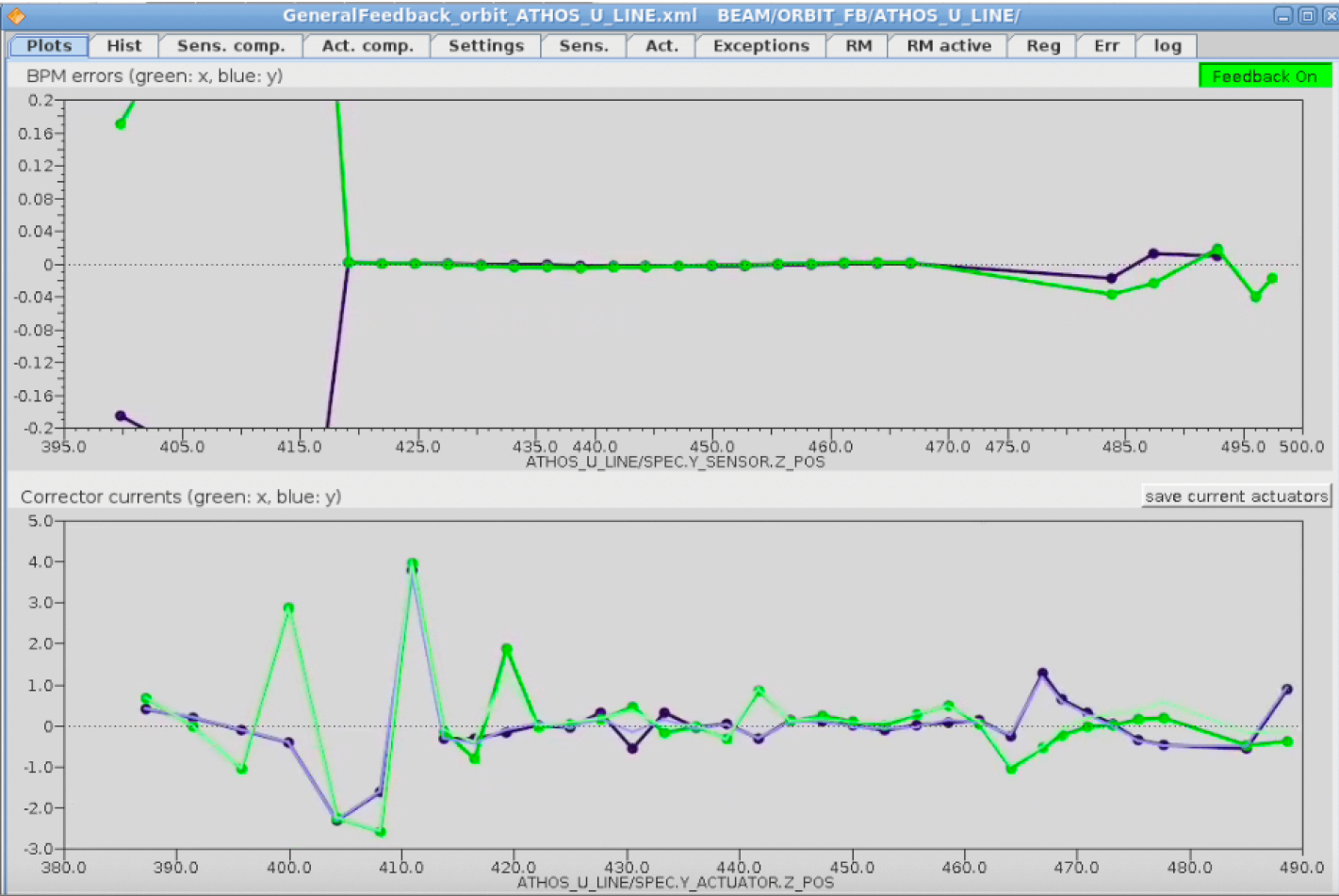
Beam loss tuning in Athos

SwissFEL Exchange Meeting, 1.02.2021

Dose increase in first undulator was very high



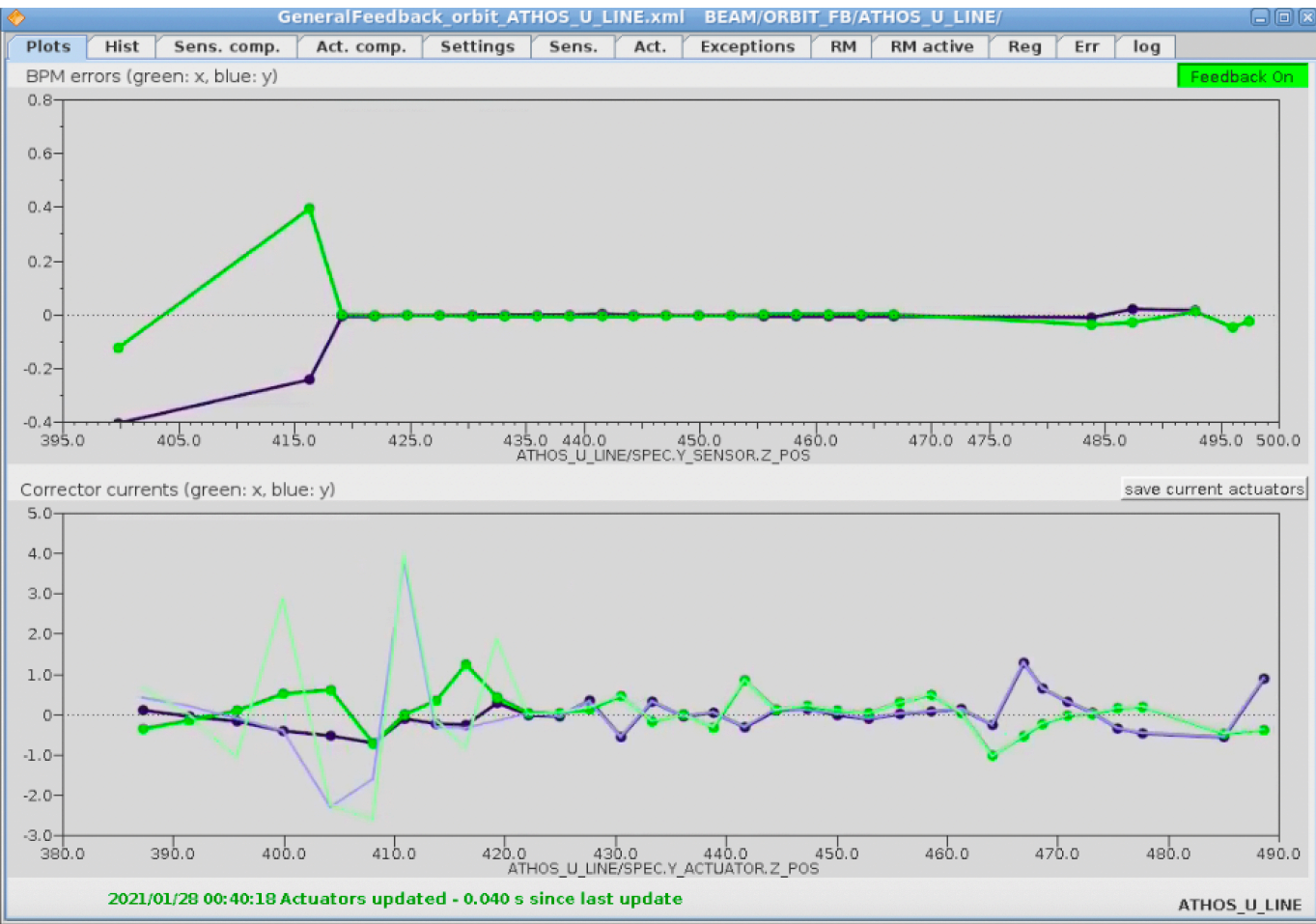
Corrector currents upstream of undulators



Noticed high corrector currents upstream of the undulators.

Currents had opposing signs \rightarrow large kicks

Corrector currents upstream of undulators



Enabled correctors again in the orbit feedback.

Two BPMs that were disabled were kept off in the feedback.

Feedback reduced corrector currents to significantly smaller values.

Effect of corrector current minization

