

2012.10.05

Weeks from October 15 and 22:

Start up and check all system, including commissioning of modified components.

Set up 3 Hz operation.

Make low emittance and stable beam in DR and extraction.

Observe IPBSM modulation with 2-8 degree mode and try 30, 174 degree mode tuning.

Work/Study Items:

Linac upgraded modulator

DR BPM for 3 Hz

DR optics test, low emittance tuning. DR stability test.

Set up EXT/FF BPM (Cavity and Strip line)

Set up Multi-OTR

Check EXT/FF orbit (BBA), optics, emittance, stability.

IPBSM re-commissioning

IPBPM setup and commissioning

Set up tuning procedures and test

Etc.

Weeks from November 5 and 12:

Make and write procedure of tuning

Training (on the job)

174 degree mode tuning

Weeks from November 26, December 3, 10, 17;

Continuous tuning

Confirm < 70 nm beam size.

Try to observe smaller beam size
