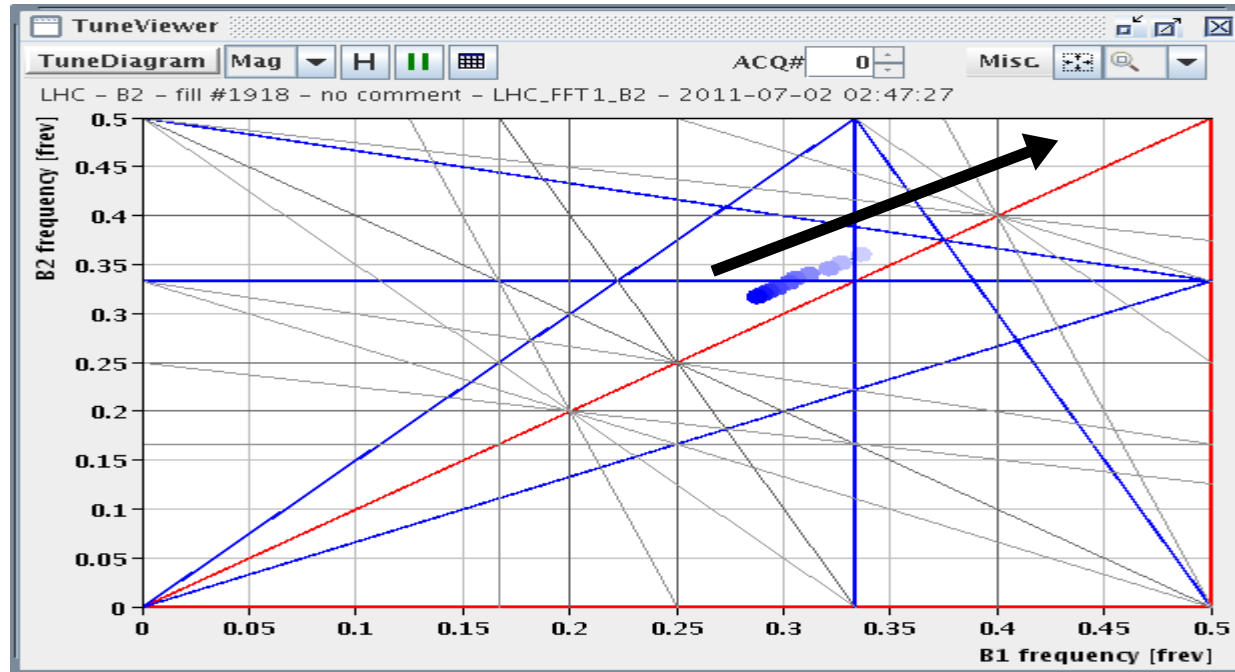# ½ Integer Attempt

Beam-beam + Optics team
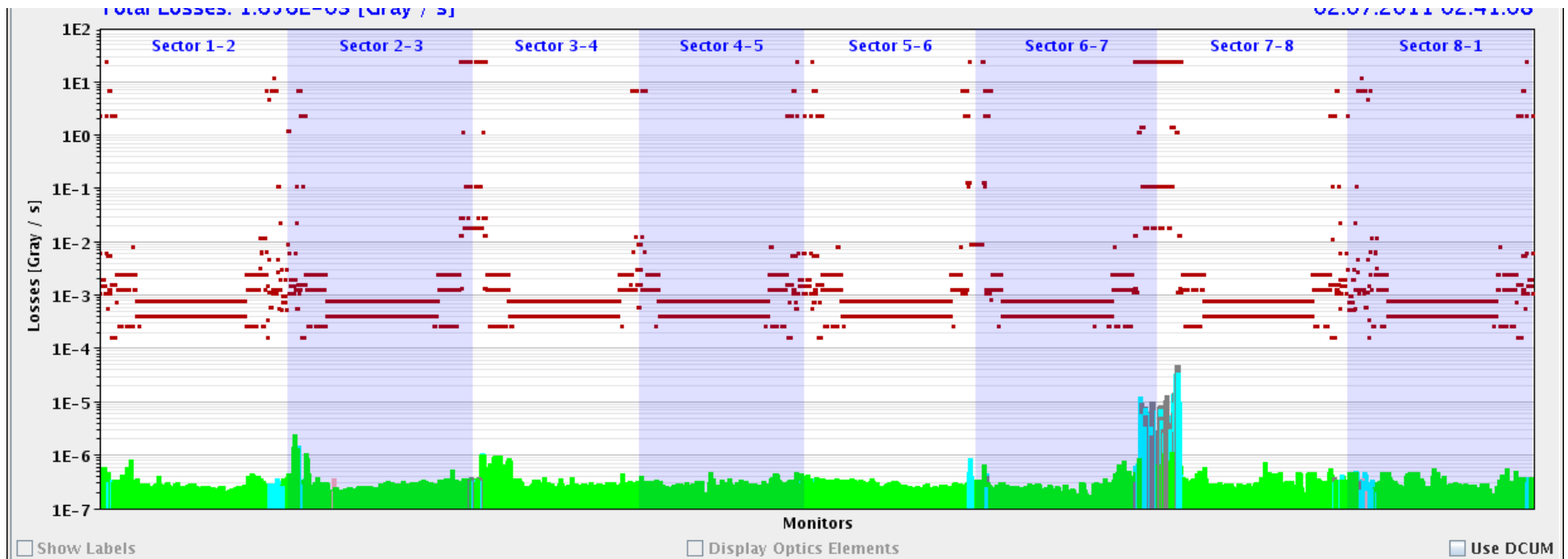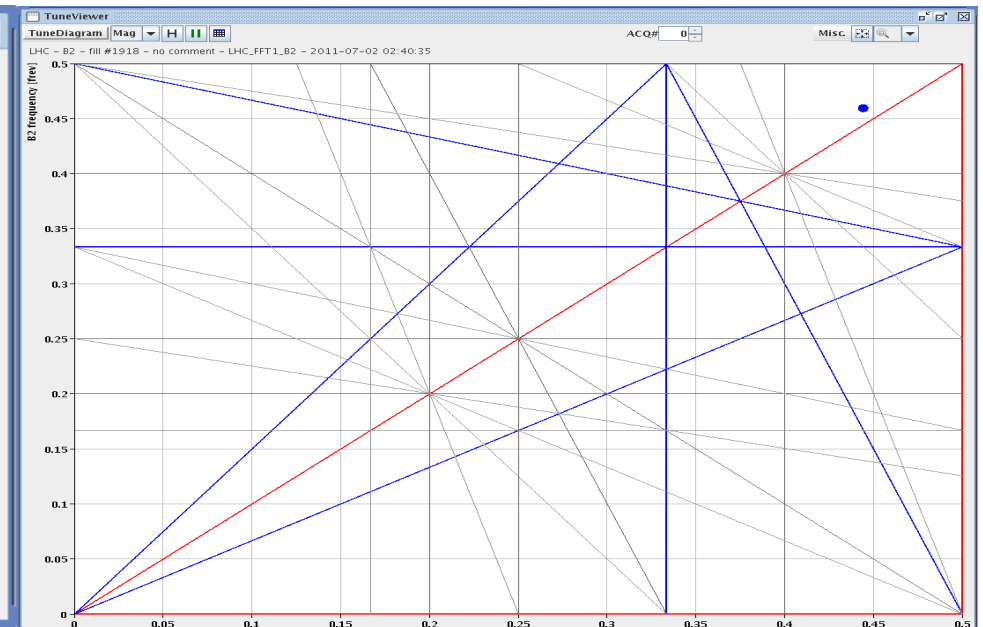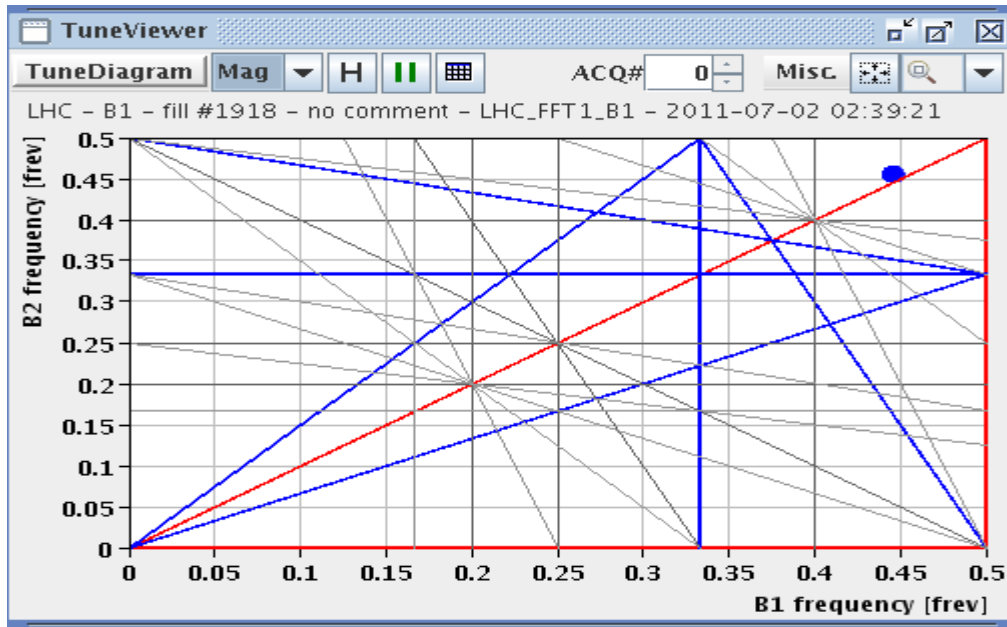

Probe beam in both beams (1×10^{10} p/bunch)

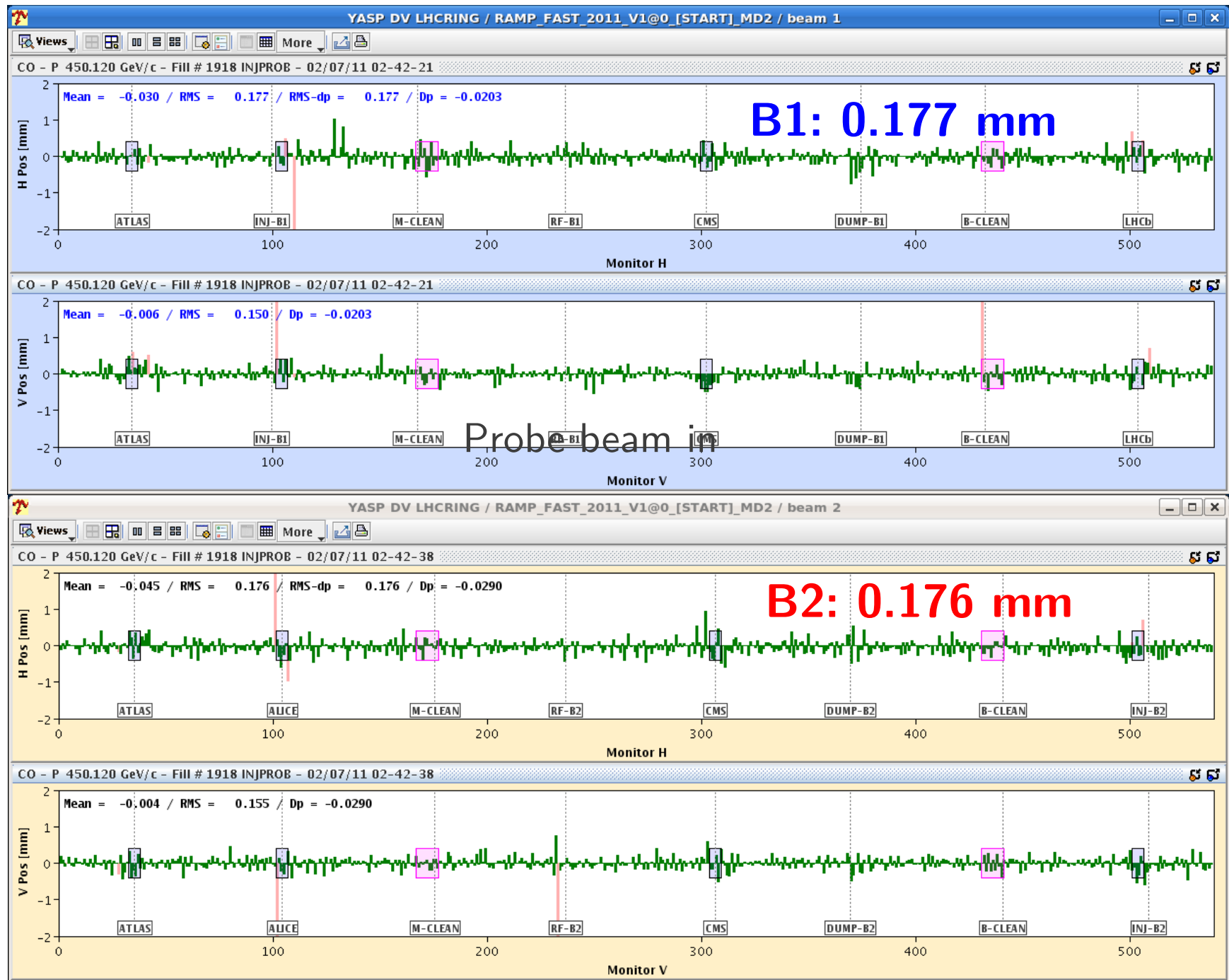Removed injection protection collimators as suggested by Ralph

H/V tunes for B1 & B2 trimmed by 0.145 (one step)

B1 (50% survived), B2 (>95% survived)

Loss Pattern

ORBITS AT Q ~ 0.456/0.446

OBSERVATIONS

β-beating ~100%, data is being analyzed

> Accidentally only one BPM crate in B1 was selected → limited

> data in B1 & B2 data looks very good

A local/global correction at these tunes is needed to reduce it to

small values (request a dedicated MD)

Q ~ 0.475/0.465

Beams survived as close as 0.475 w/o significant change

in losses or orbit. Stopped there due to time.