

KEK status

Aug. 28, 2009

T. Higo

Parts fabrication schedule

for each two sets of C10, CD10, T24 and TD24

- Drawing fixed and now discussing with company
- Though we want the confirmation by SLAC on the design detail.
 - C10
 - By Sep. 30
 - CD10
 - Test cut Oct. 15
 - By Oct. 30
 - T24
 - By Nov. 20
 - TD24
 - By Dec. 11
 - Recovery
 - By end of year

T18_Quad_#5 test status

- Running only daytime will Sep. 2
 - 5MW, 50ns, 50Hz for 30hours or so
- Out gassing, a few 10^{-6} Pa
 - Active around 1~2 MW
 - But also around 5MW, sometimes reach $\sim 1 \times 10^{-5}$ Pa
- Breakdowns
 - Symmetric reflections are observed
 - Due to structure breakdown
 - With current flush both sides
 - Asymmetric reflections are also observed
 - $\sim 1\%$ level
 - No current flush, indicating small arc at input arms
 - Processing accelerated by relaxing the threshold little by little
- Will continue similarly for a few weeks at least