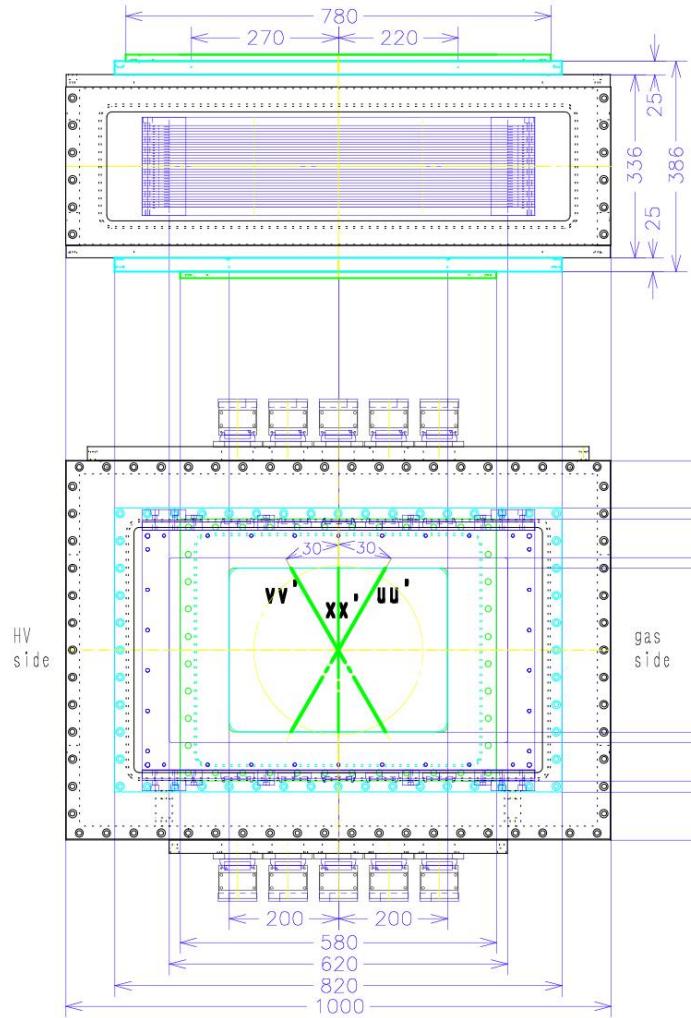
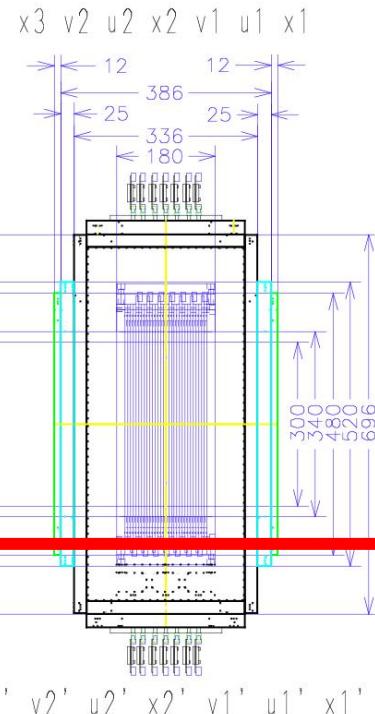


FDC1 : order of layer is opposite direction from beam.

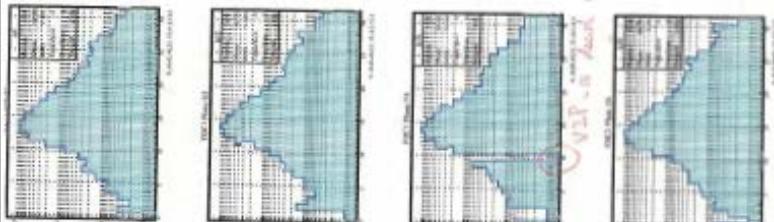
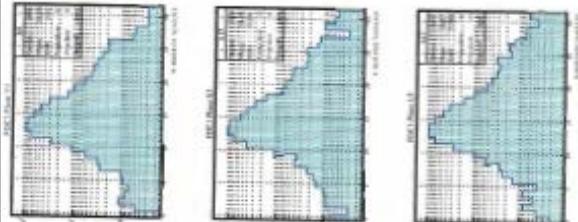
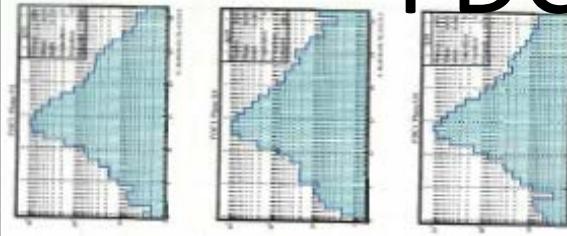


FDC1, FDC1Box Assy - Fig1 [size]  
1-Sep-2011 Kobayashi T.



## Beam direction

# FDC1 missing channels



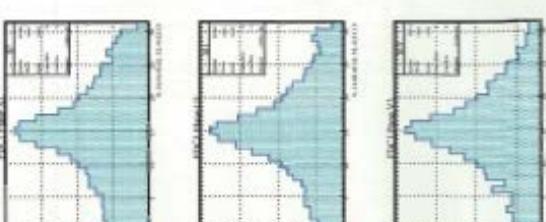
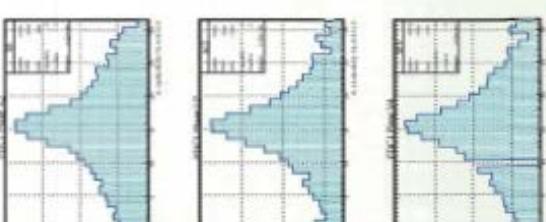
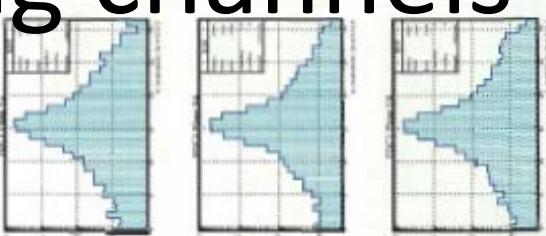
V2'-ch10 is dead.

run 150

FDC1

↑  
Gatake 1 Sep. 2014 10:45  
この測定はFDC1の死んでるチャネルを除いて、  
X5'の電極が死んでる時も含めて、複数のチャネルで測定した。  
X5'の死んでるチャネルはX5-ch31とV2'-ch10。

X5-ch31 is dead as well.



Commissioning run 370

$\mu\beta + C$

FDC1 dead channel/s here

# FDC2

- Swapped channels (found during dayone analysis)
  - 496(V1-47, 8,30)  $\leftrightarrow$  608(V1'-47, 8,31)
  - 512(V1-63, 8,62)  $\leftrightarrow$  624(V1'-63, 8,63)
  - 751(X2-78, 12,60)  $\leftrightarrow$  862(X2'-77, 12,59)
  - 953(U2-56, 15,48)  $\leftrightarrow$  1065(U2'-56, 15,49)
  - 954(U2-57, 15,50)  $\leftrightarrow$  1066(U2'-57, 15,51)
  - 955(U2-58, 15,52)  $\leftrightarrow$  1067(U2'-58, 15,53)
  - 1176(V2-55, 19,14)  $\leftrightarrow$  1287(V2'-54, 19,13)

Followings were found during samurai21 analysis.

- 463(V1-14,7,28)  $\leftrightarrow$  575(V1'-14, 7,29)
- 464(V1-15,7,30)  $\leftrightarrow$  576(V1'-15, 7,31)

(Definition)

- ID(Plane-WireID, geo,ch)
  - ID: 1-1568
  - Plane: X1, X1', U1, U1', ...
  - WireID: 0-111
  - geo,ch: ID and ch of TDC module