G4-BarrelSilicon-01   by T. Kondo (KEK)
v1(96.11.30),V2(97.1.15)

10.0 deg titl angle   SCTI /TI LT=10 deg

63.6

Silicon module

Active Insulation
t=10, l=1560

Module support
10 x 20 x 1560

CFRP Honeycomb shell
t=10 , l=1560

SCTI /RI SUP

SCTI /ROSUP

SCTI /RLAY

| Layer | Rmin | Rsup | qsup (deg) | Rref | Nmod | qf (deg) |
|-------|------|------|------------|------|------|----------|
| #1 | 263.0 | 274.0 | 7.22 | 300.0 | 32x12 | 6.429 |
| #2 | 336.0 | 347.0 | 5.82 | 373.0 | 40x12 | 7.50 |
| #3 | 410.0 | 421.0 | 4.86 | 447.0 | 48x12 | 9.00 |
| #4 | 483.0 | 494.0 | 4.18 | 520.0 | 56x12 | 11.25 |
| INS | 536.0 | ----- | -------- | | | |

Rmin

Rref

Rsup

qsup

600

500

400

300

200

100

0

Drawing direction : Looking from -Z to +Z

B field : going into the picture, Unit : mm