CVDSim modeling for G5

Temperature, C

Ceiling upper T is defined by user and Ceiling lower T is computed by CVDSim

ceiling: T distribution in parameterized form (plot not shown)

Bottom

disk

satellite

platform

exhaust

central part 4cm of G5 is excluded in CVDSim modeling.

~2cm of G4

A

constant T

B

B'

A'

reactor center (axis)

T gradient

bottom (disk + satellite + platform): T gradient + constant T+ T gradient

Platform

satellite

Platform

In CVDSim entire inner part of the bottom surface of G4 and G5 is called Disc.