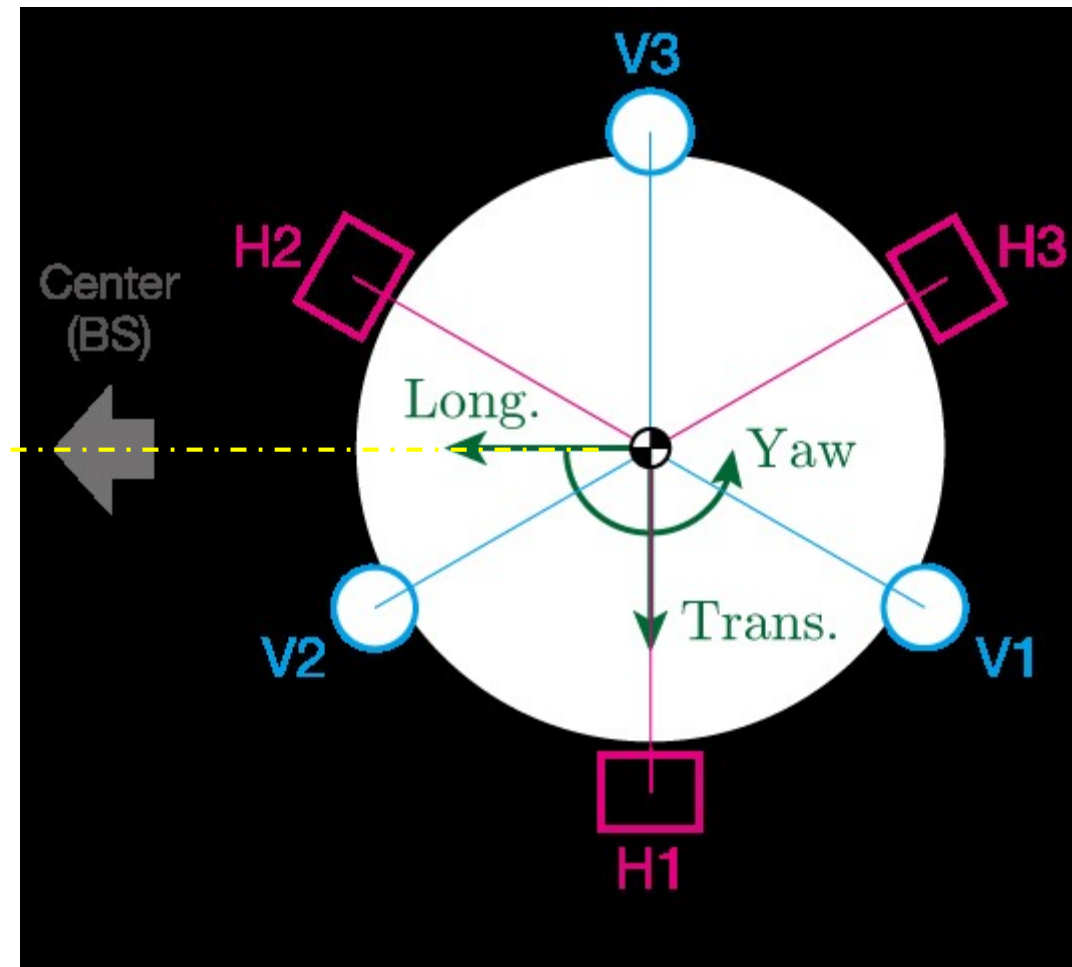


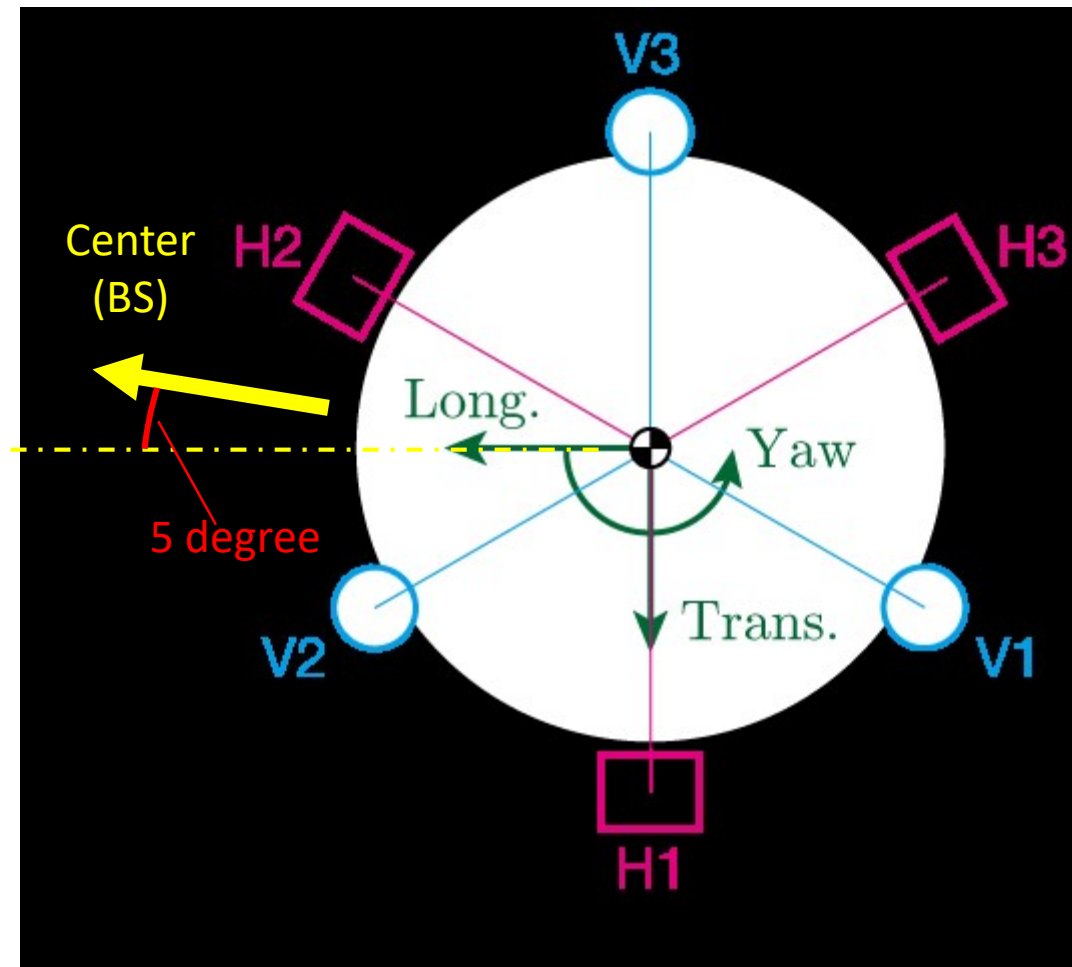
ETMX

BF Dumper top view (from Wiki)



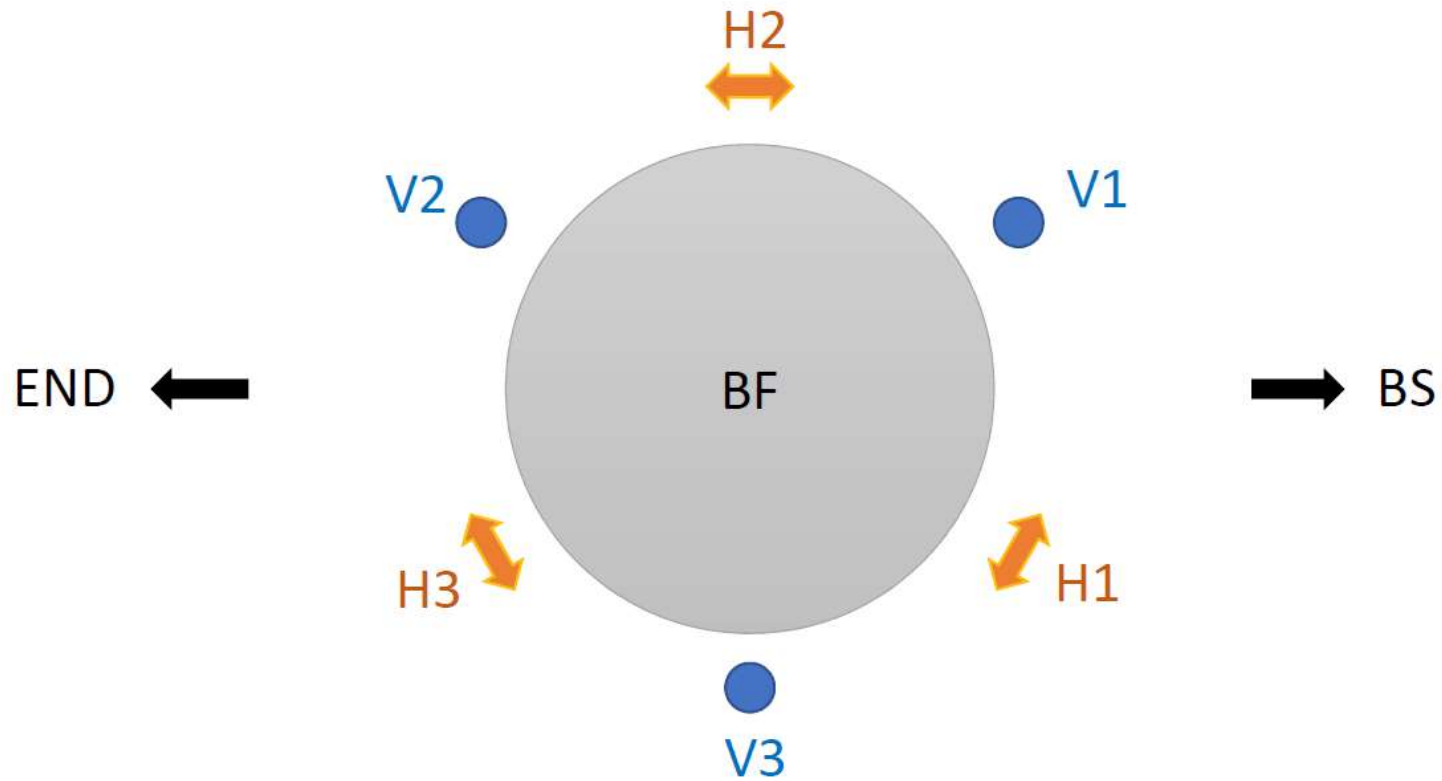
ETMX

According to the 3D model.  
Should be rewritten as follows



ETMY

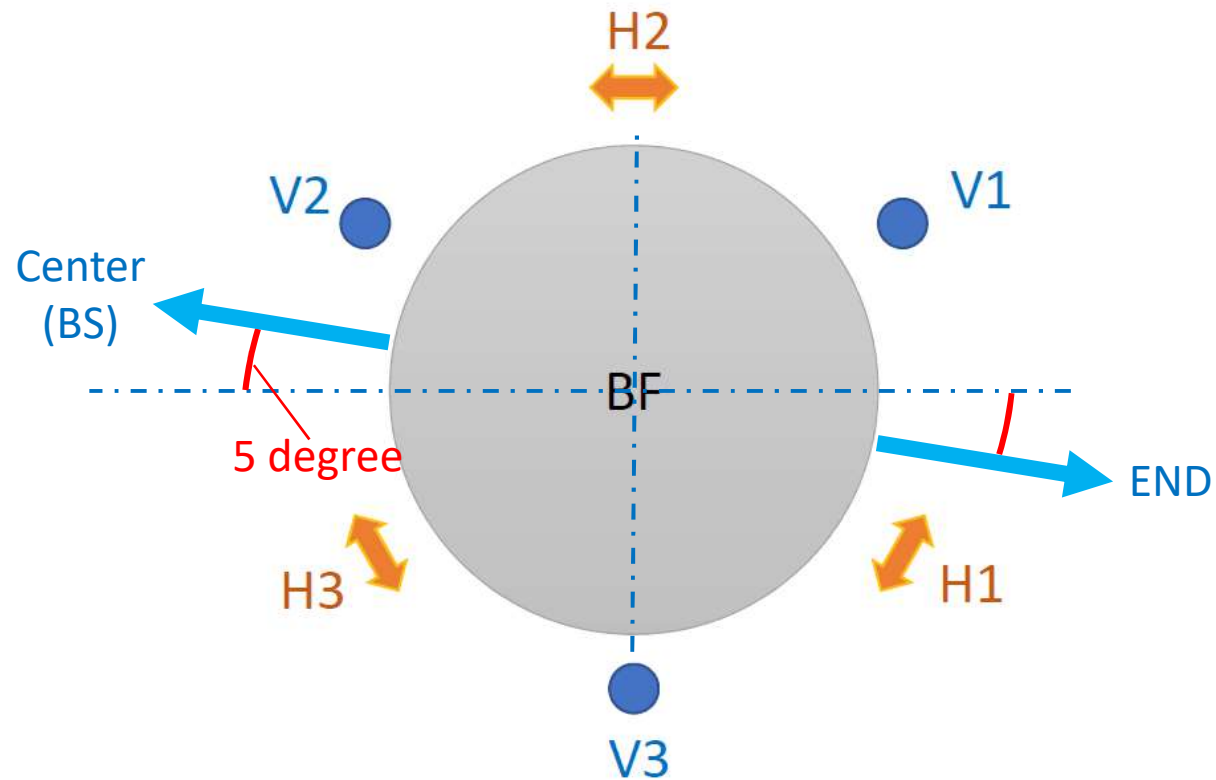
BF Dumper top view (from Wiki)



[ Top View ]

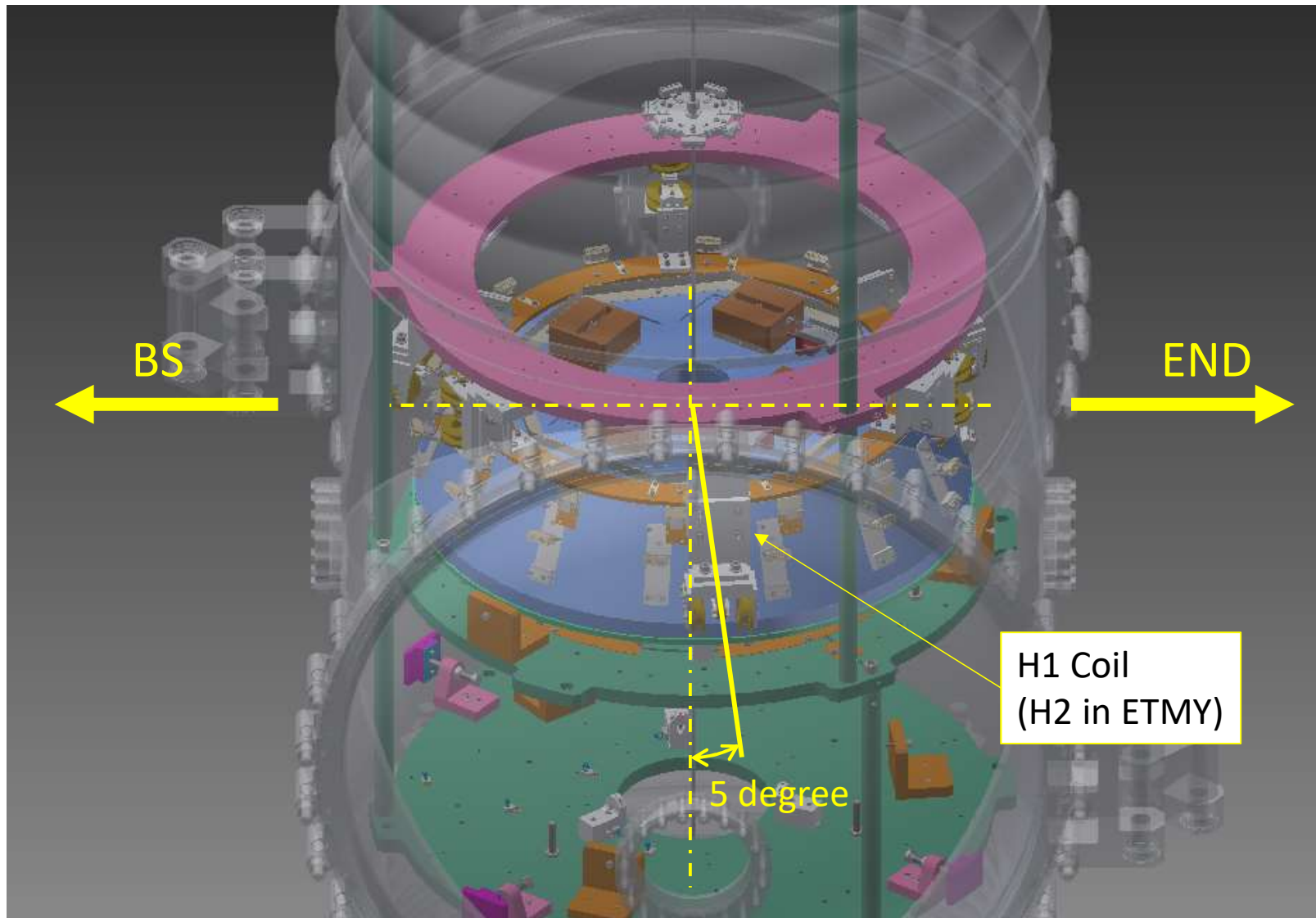
ETMY

This also needs to be rewritten as follows

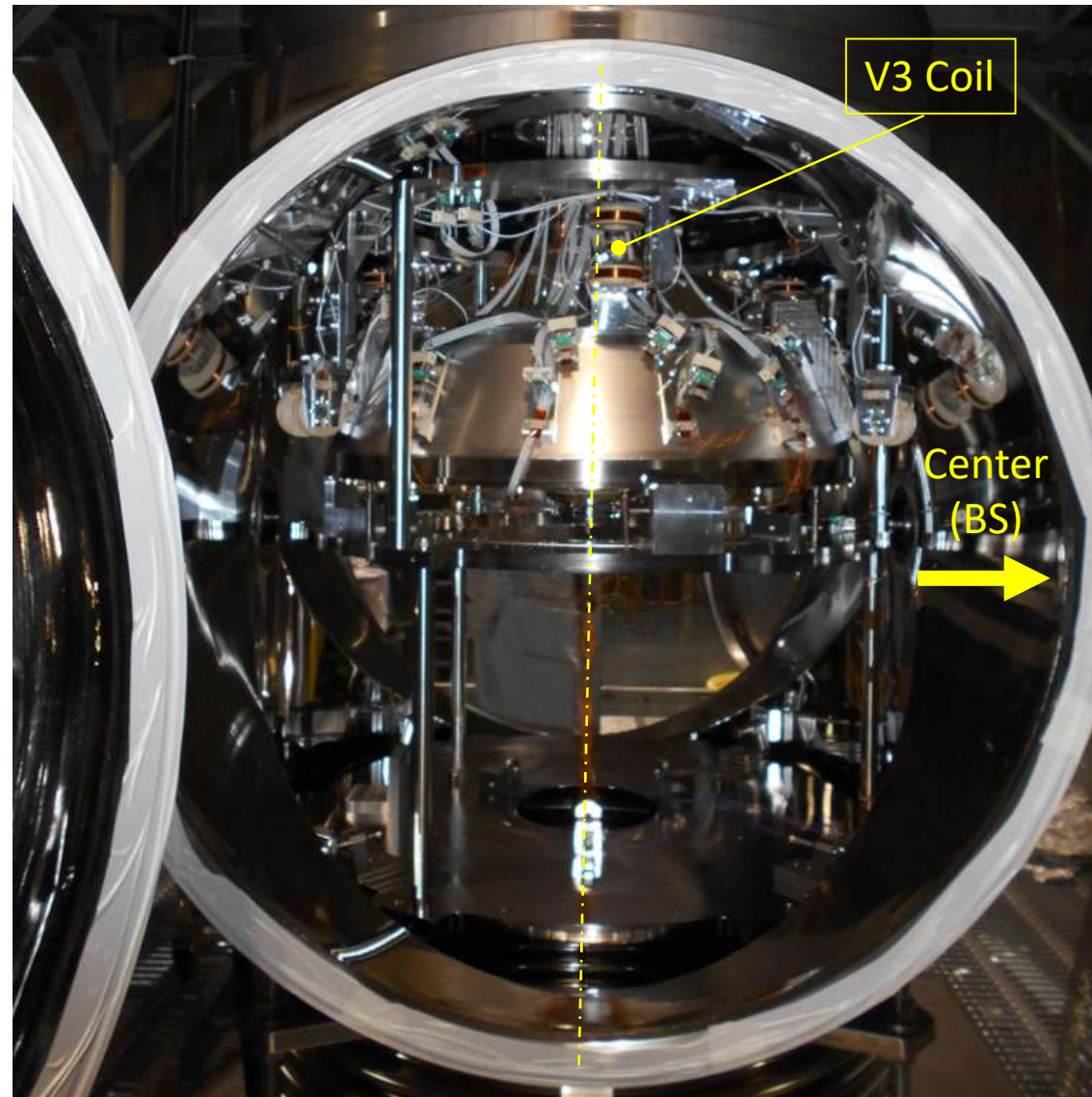


[ Top View ]

## ETMX & ETMY 3D model

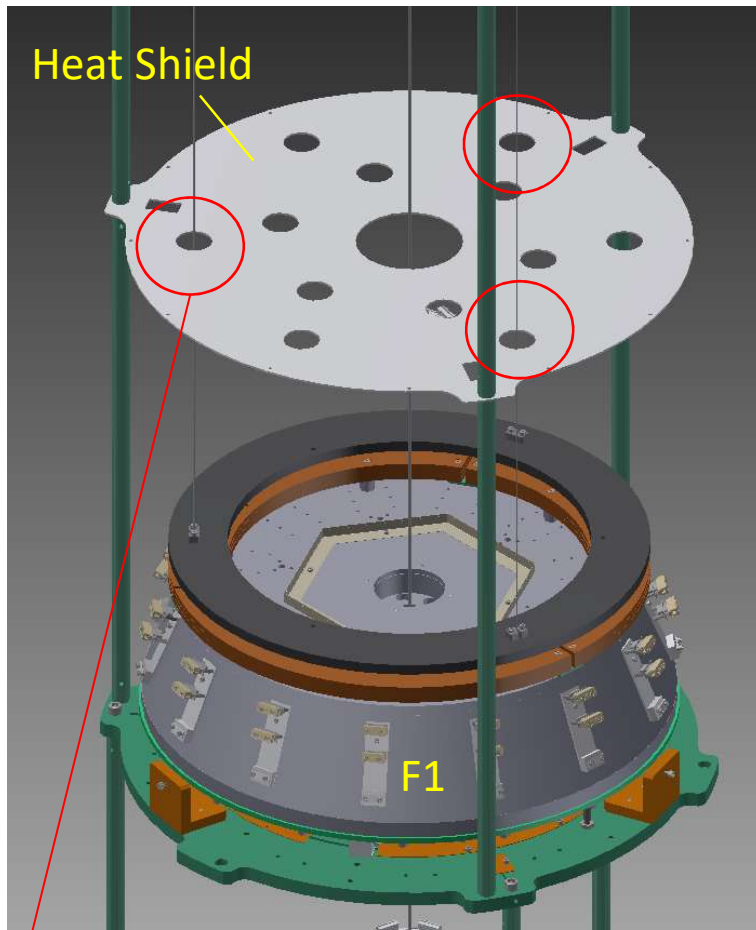


## EX BF dumper

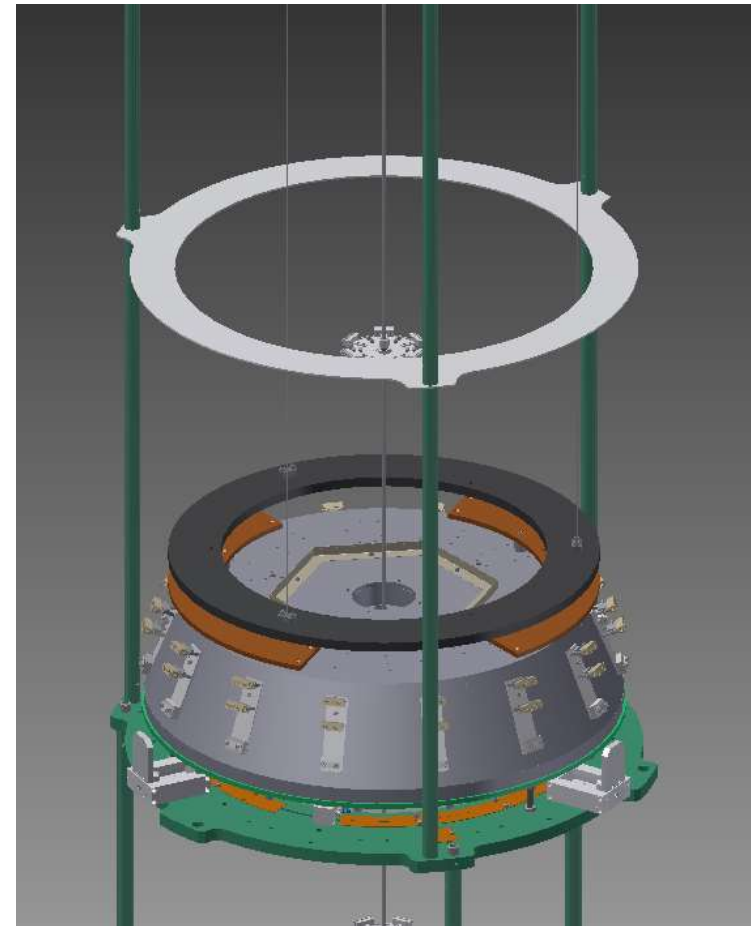


This situation only occurs in EX and EY.

ETMX, ETMY



ITMX, ITMY



The heat shield interferes with the magnet damper wire, so the EQ cannot rotate freely.



## Summary

- In **ETMX** and **ETMY**, the BF Dumper is placed **5 degrees CCW** from the beam line, and It can be aligned with the beam line.
- In **ITMX** and **ITMY**, the BF Dumper is aligned with the beamline.
- For **ETMY**, the Heat Shield will be replaced with ITM type at the time of renovation. BF Dumper placement will has been fixed.