Note: X-ing angle is 20 mr and gg opening is ±10 mr so in magnet frame γγ ranges from 10 to 30 mr. But in the detector frame γγ goes from 0 to 20 mr.
Here I have taken $L^*=3.8$ m and $G_{QDO} = 144$ T/m
Compensated External Vertical Field for Various Lines from IP

20 mr x-ing angle

Here I have taken $L^* = 3.8$ m and $G_{QDO} = 144$ T/m
Compensated External Vertical Field for Various Lines from IP

25 mr x-ing angle

Here I have taken $L^*=3.8$ m and $G_{QDO}=144$ T/m