

Cartoon of AS Port

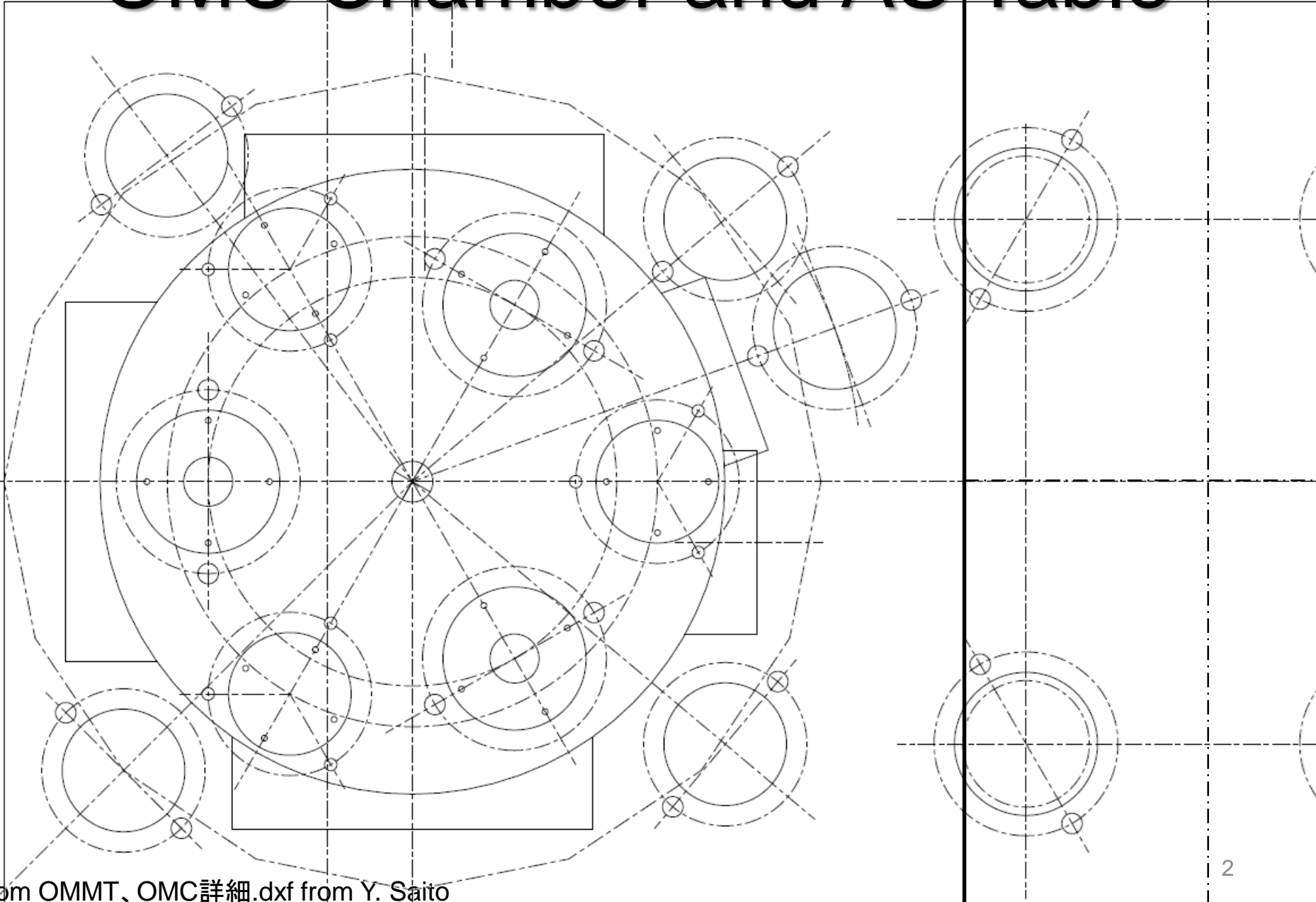
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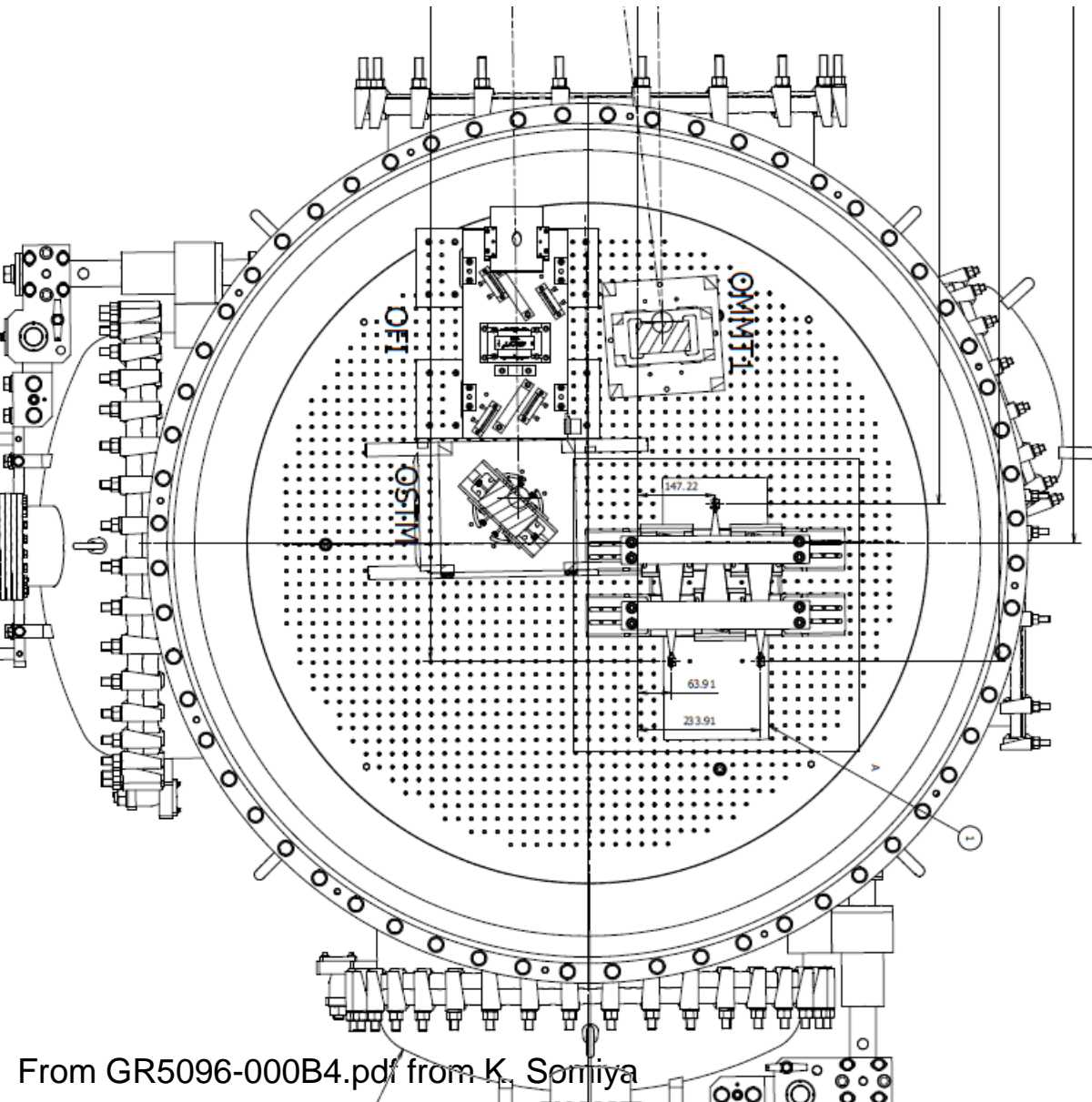
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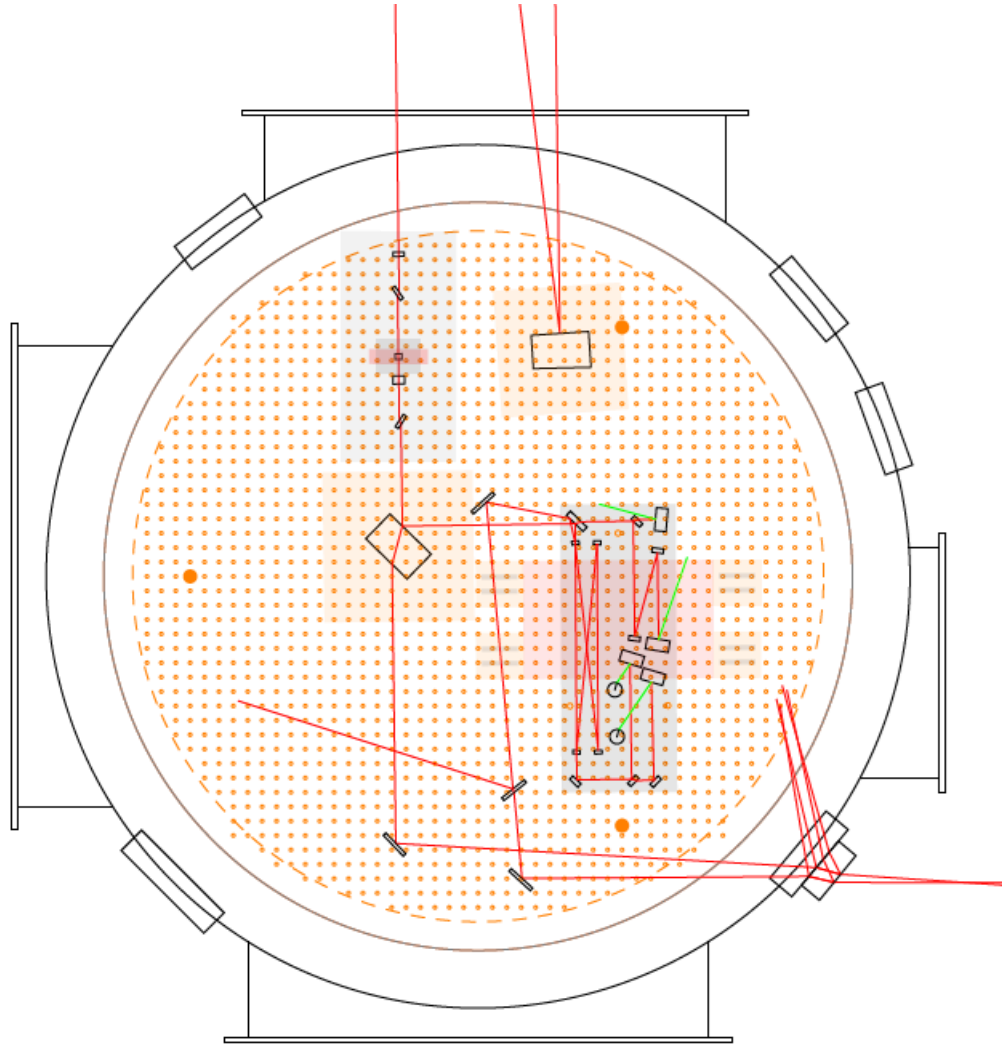
OMC Chamber and AS Table



Inside OMC Chamber



Optical Layout of OMC Chamber



Optical Layout of AS

AS Table (1200 x 2400)
 NOTE that actual AS table position is different due to misplacement of anchor holes

q-parameters at OSTM HR

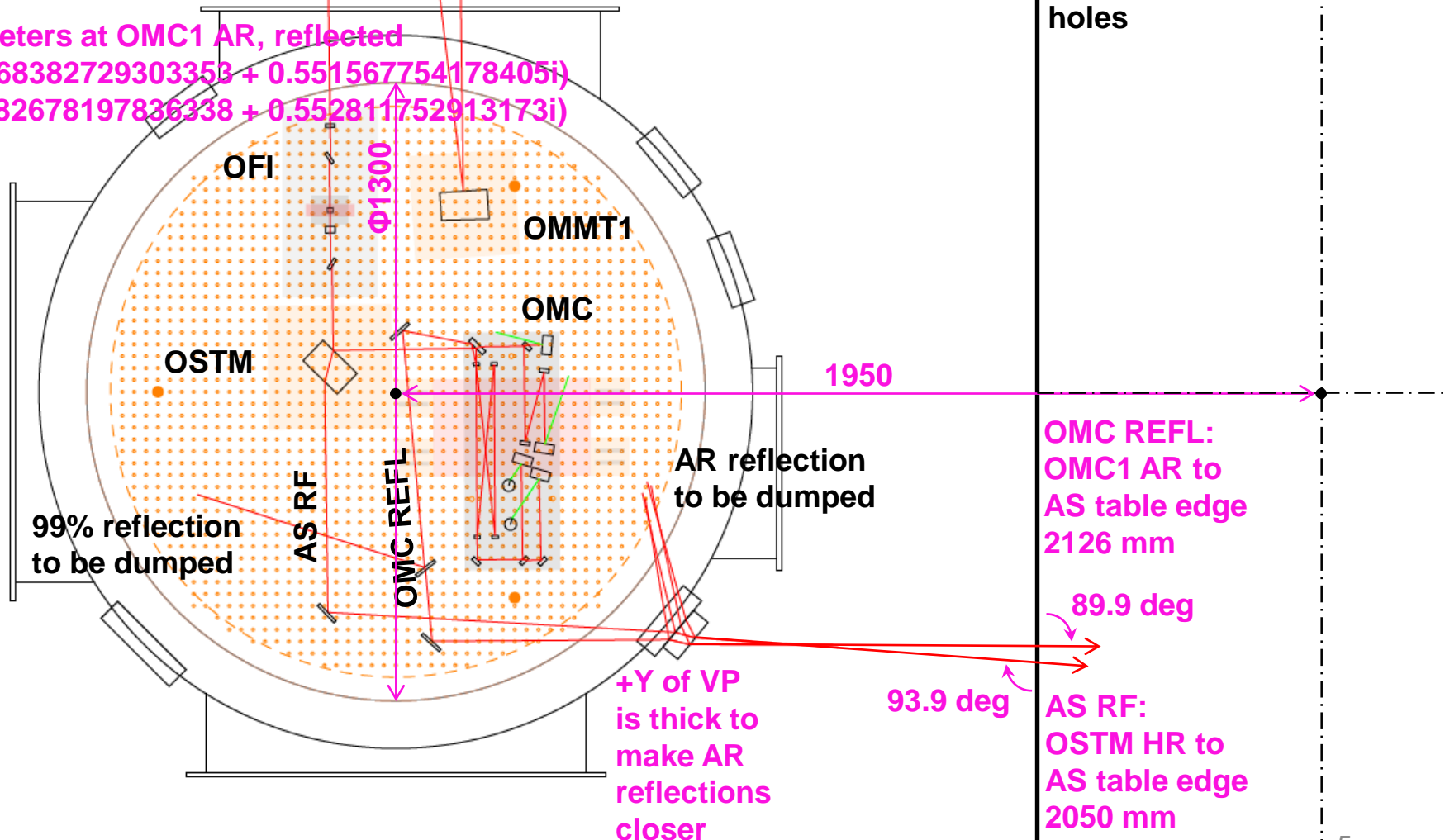
$$qx = (-0.506163896916631 + 0.550033117005247i)$$

$$qy = (-0.520954059905304 + 0.552811752913173i)$$

q-parameters at OMC1 AR, reflected

$$qx = (-0.168382729303353 + 0.551567754178405i)$$

$$qy = (-0.182678197836338 + 0.552811752913173i)$$



Optical Layout of AS

q-parameters at OSTM HR

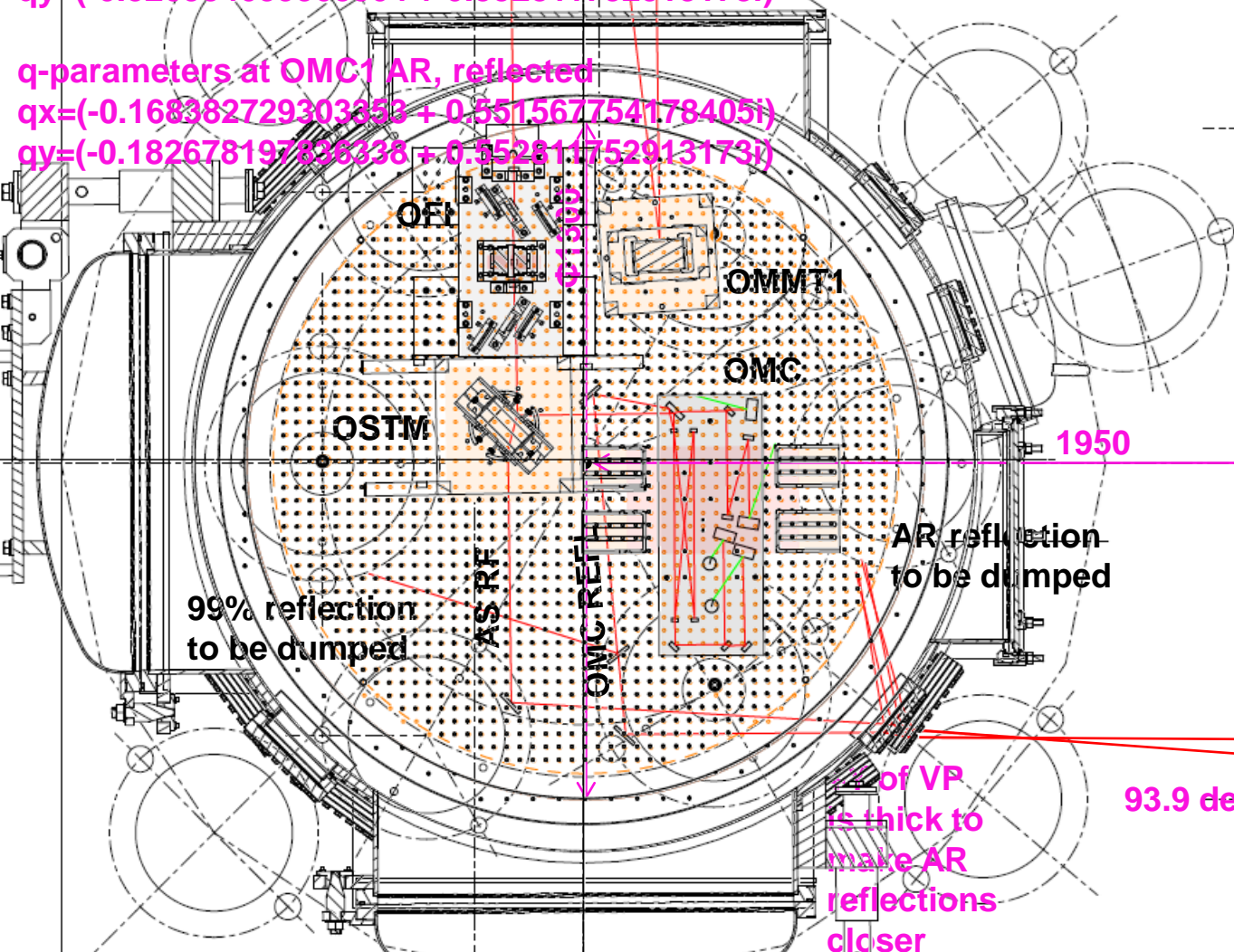
$$q_x = (-0.506163896916631 + 0.550033117005247i)$$

$$q_y = (-0.520954059905304 + 0.552811752913173i)$$

q-parameters at OMC1 AR, reflected

$$q_x = (-0.168382729303353 + 0.551567754178405i)$$

$$q_y = (-0.182678197836336 + 0.552811752913173i)$$



AS Table (1200 x 2400)
NOTE that actual AS table position is different due to misplacement of anchor holes

OMC REFL:
OMC1 AR to AS table edge
2126 mm

89.9 deg

AS RF:
OSTM HR to AS table edge
2050 mm

93.9 deg

of VP is thick to make AR reflections closer