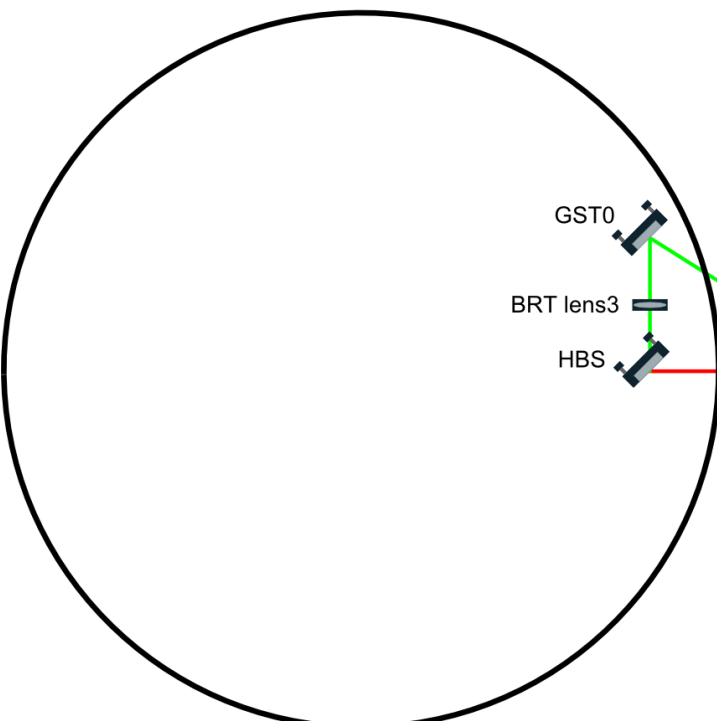
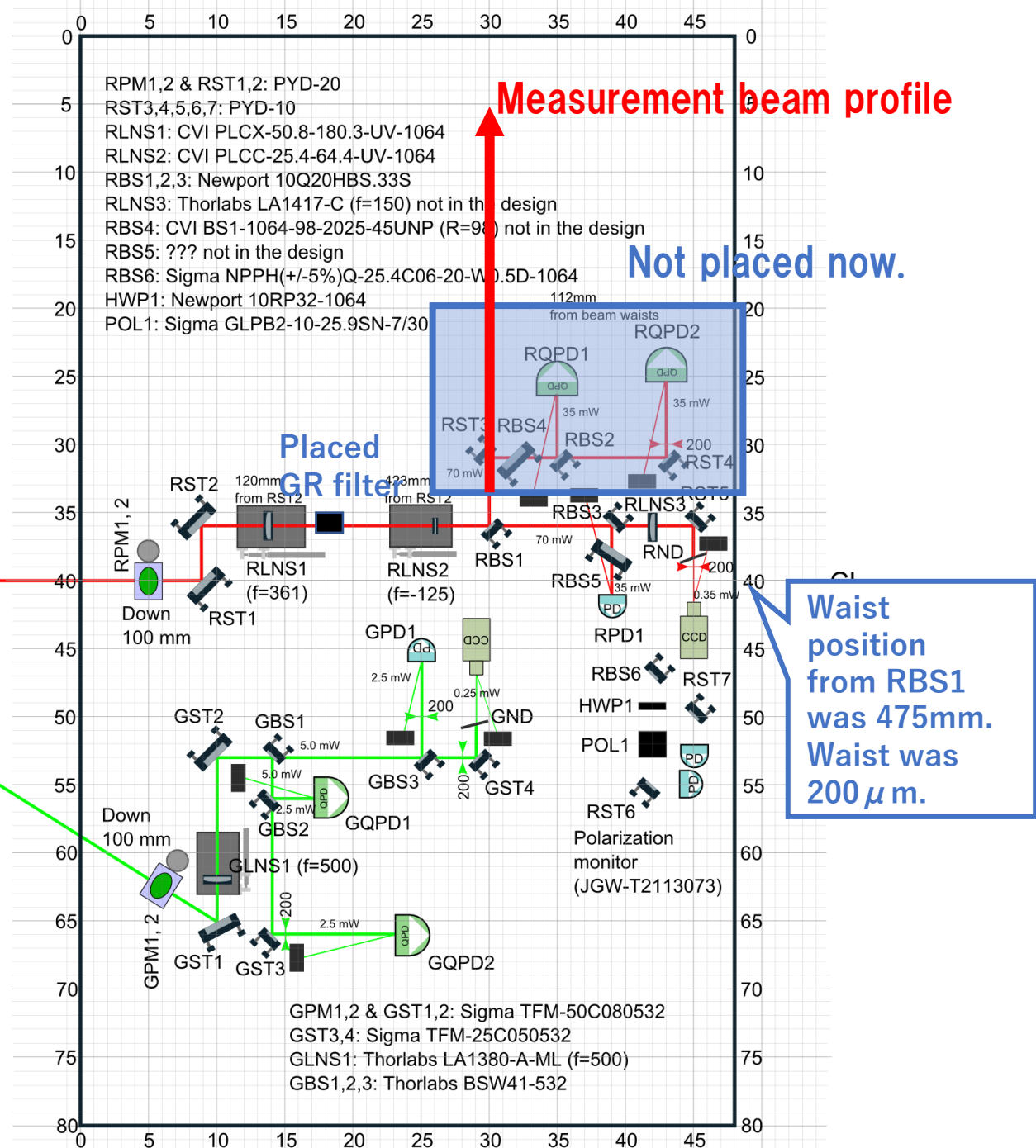


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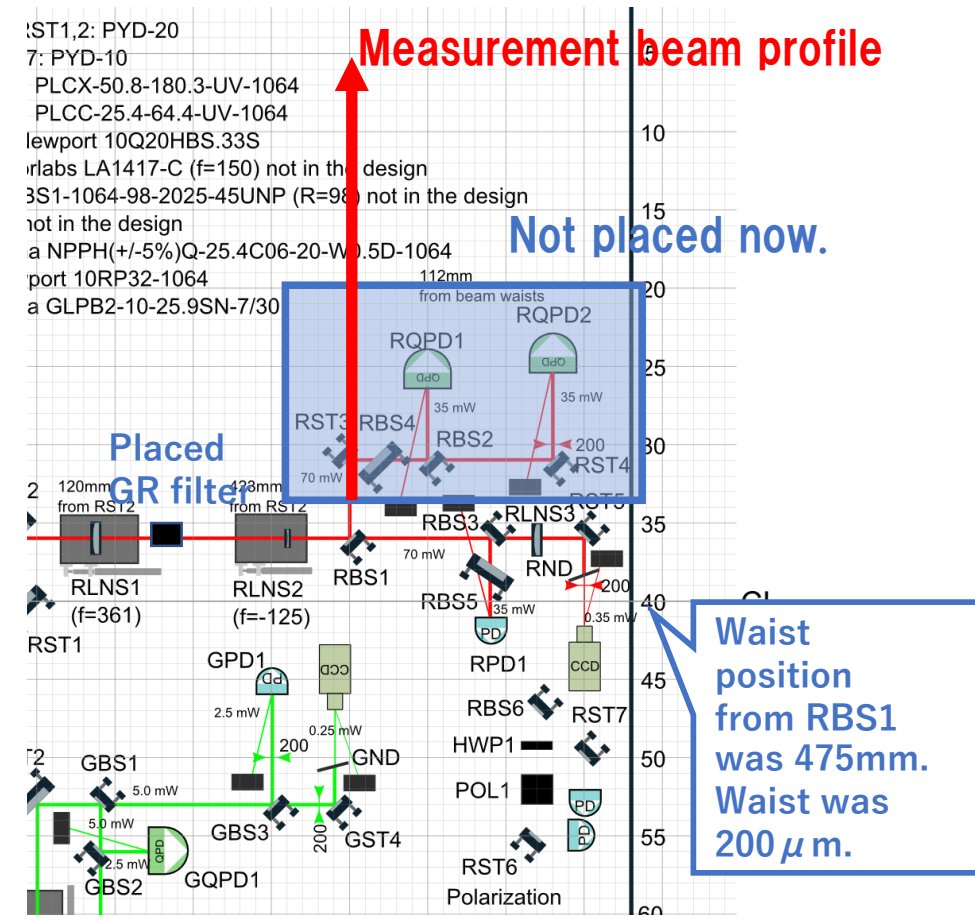
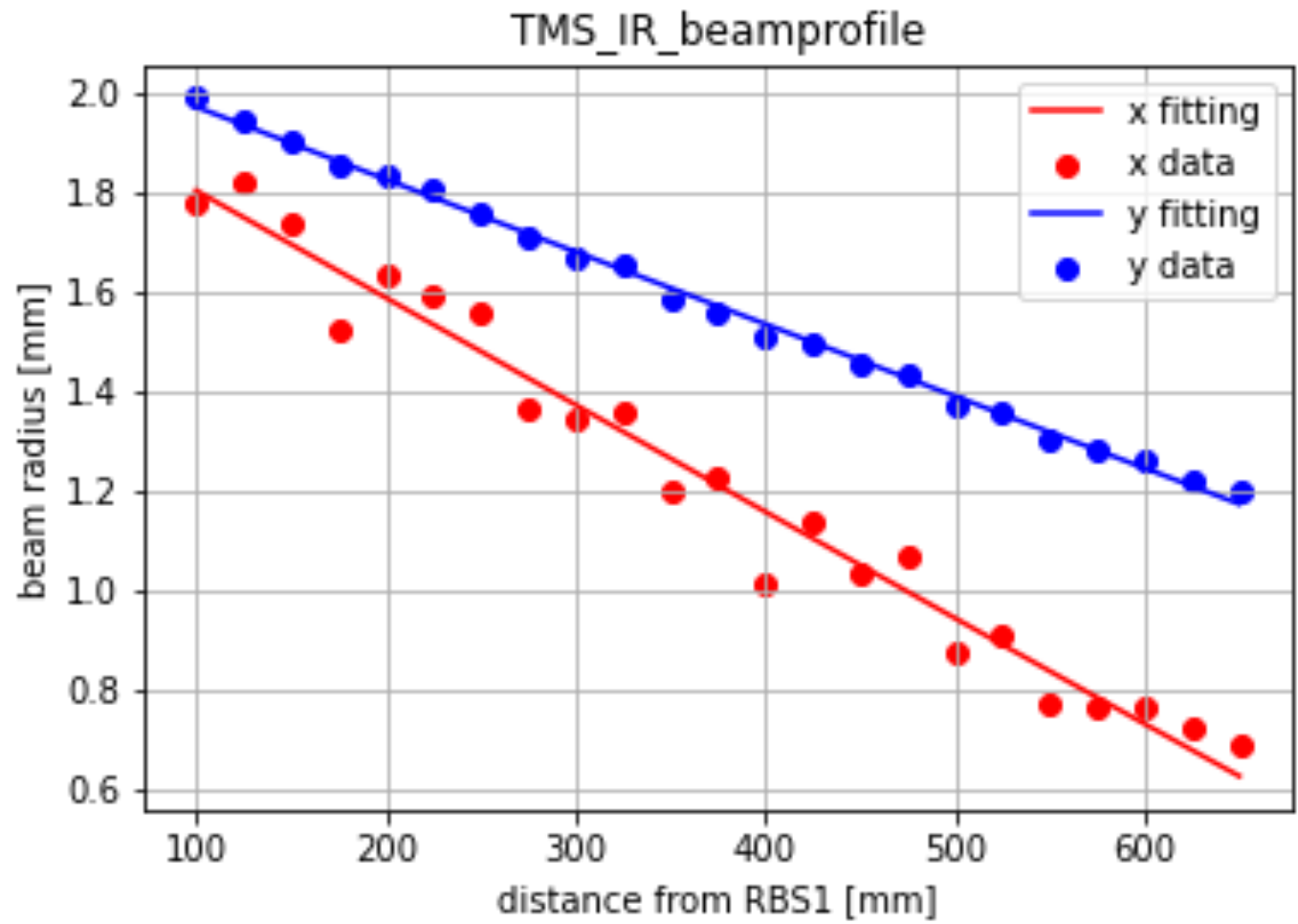
Chiaki Hirose



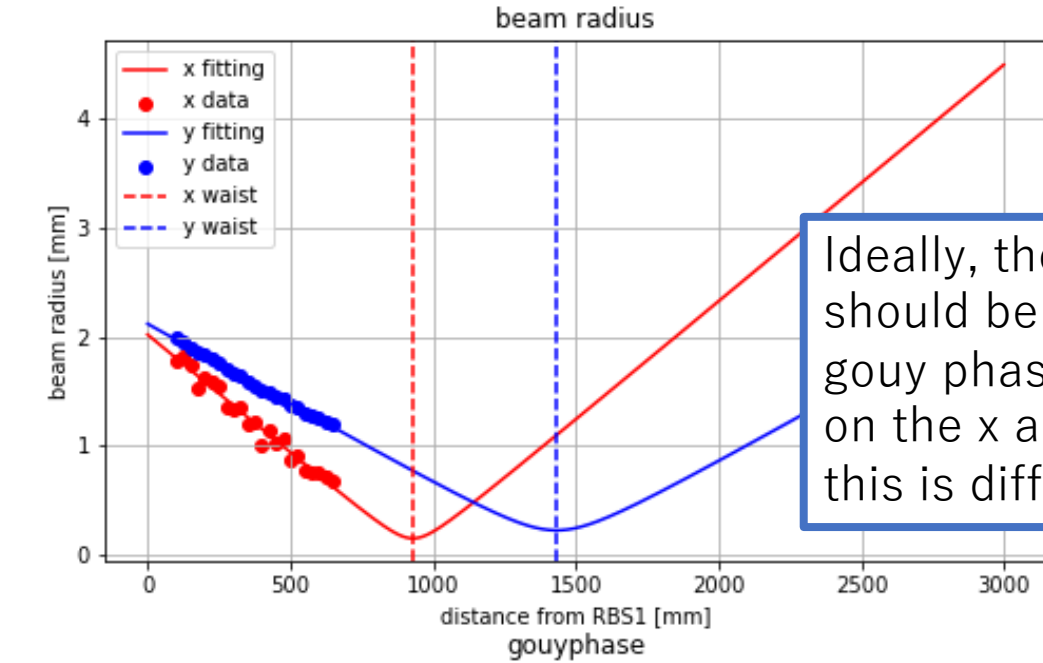
[JGW-T1808962-v9](#)



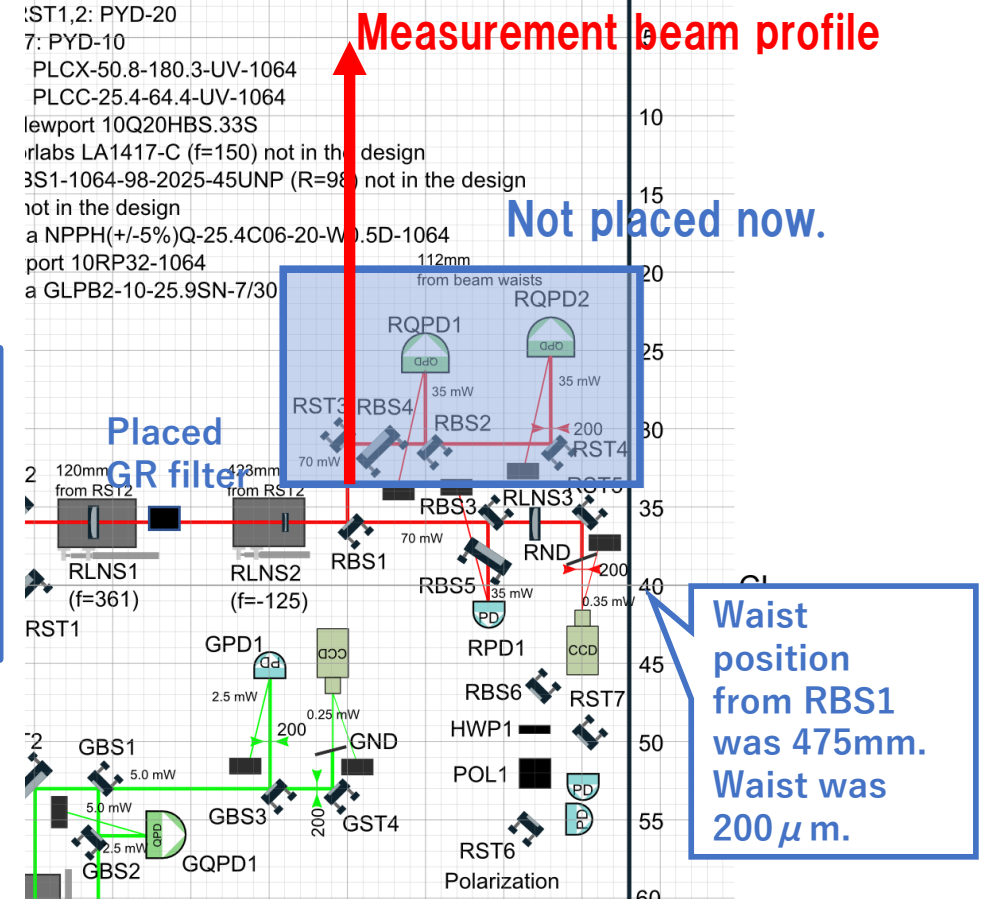
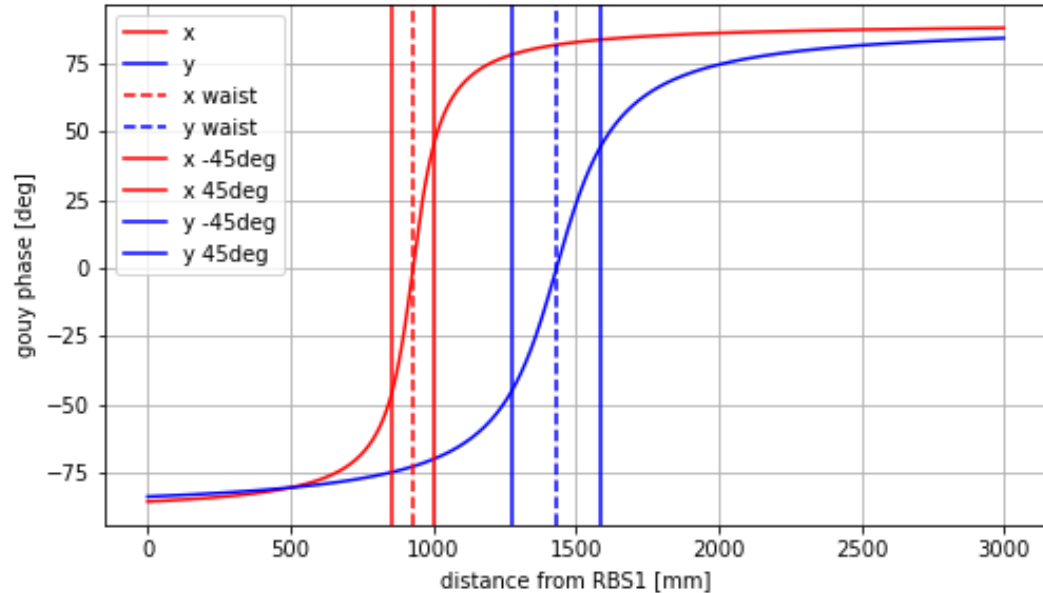
Beam profile Results and fitting



Beam profile fitting and gouy phase



Ideally, the two QPDs should be placed around gouy phase ± 45 degrees on the x and y axes, but this is difficult currently.

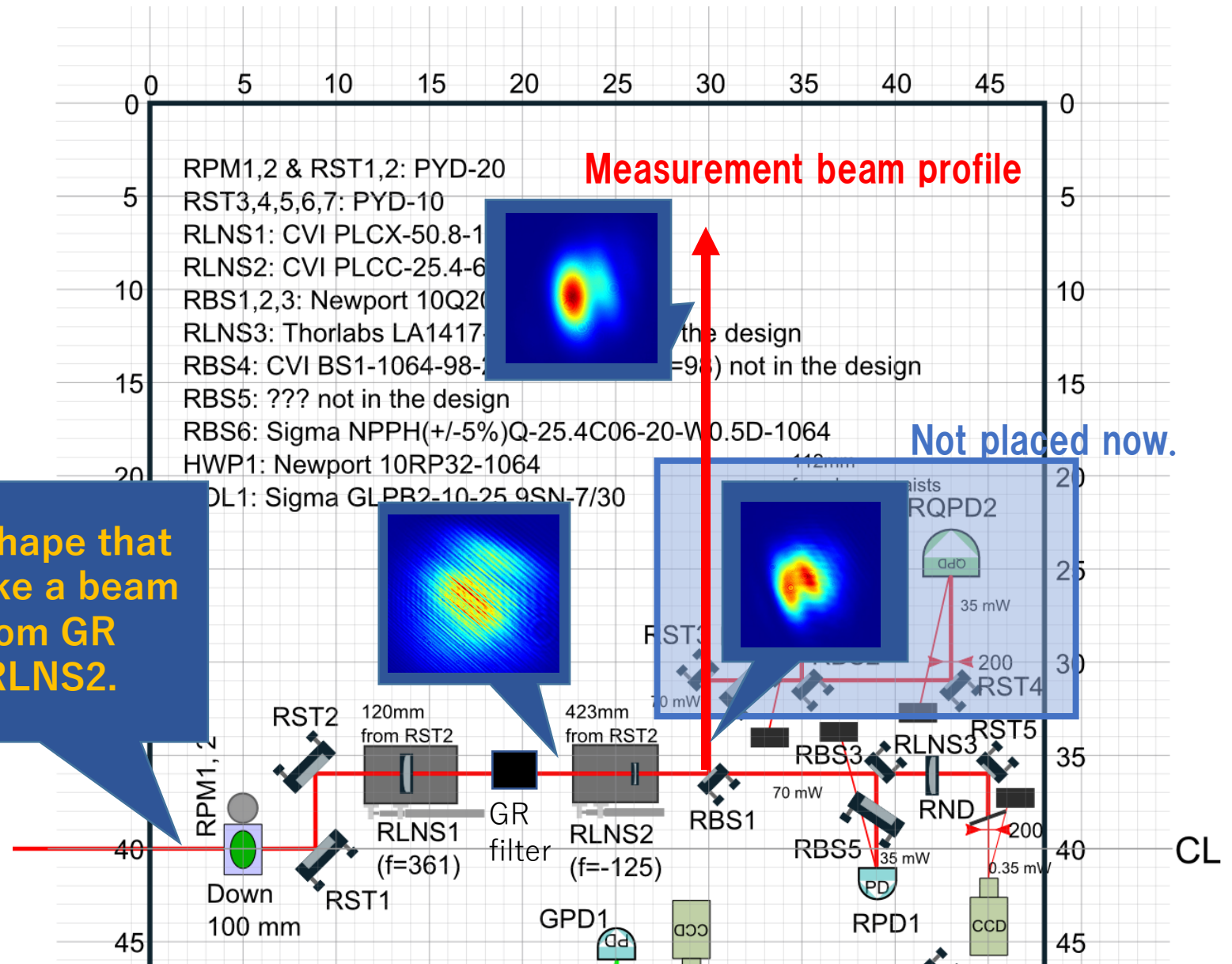


Fitting result

| Direction relative to the ground | waist | position |
|----------------------------------|---------|-----------|
| x | 0.156mm | 929.41mm |
| y | 0.230mm | 1432.41mm |

Beam mode

I saw a shape that looked like a beam profile from GR filter to RLNS2.



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