

## Beam Profiling 2/20

At ~13cm from mirror:

- Beam Width\_x = 1664 micrometers
- Beam Width\_y = 1475 micrometers

At ~20cm from mirror:

- Beam Width\_x = 1596 micrometers
- Beam Width\_y = 1444 micrometers

At ~27cm from mirror:

- Beam Width\_x = 1571 micrometers
- Beam Width\_y = 1457 micrometers

At ~34cm from mirror:

- Beam Width\_x = 1489 micrometers
- Beam Width\_y = 1429 micrometers

At ~41cm from mirror:

- Beam Width\_x = 1496 micrometers
- Beam Width\_y = 1475 micrometers

At ~48cm from mirror:

- Beam Width\_x = 1427 micrometers
- Beam Width\_y = 1500 micrometers

At ~55cm from mirror:

- Beam Width\_x = 1375 micrometers
- Beam Width\_y = 1440 micrometers

At ~62cm from mirror:

- Beam Width\_x = 1680 micrometers; NEW MEASUREMENT: 1253 micrometers
- Beam Width\_y = 1239 micrometers; NEW MEASUREMENT: 1335 micrometers

At ~69cm from mirror:

- Beam Width\_x = 1310 micrometers
- Beam Width\_y = 1466 micrometers

At ~76cm from mirror:

- Beam Width\_x = 1310 micrometers
- Beam Width\_y = 1430 micrometers

At ~83cm from mirror:

- Beam Width\_x = 1258 micrometers

At ~90cm from mirror:

- Beam Width\_x = 1243 micrometers

At ~97cm from mirror:

- Beam Width\_x = 1221 micrometers

At ~104cm from mirror:

- Beam Width\_x = 1195 micrometers

At ~111cm from mirror:

- Beam Width<sub>x</sub> = 1205 micrometers

At ~118cm from mirror:

- Beam Width<sub>x</sub> = 1190 micrometers

At ~125cm from mirror:

- Beam Width<sub>x</sub> = 1244 micrometers

At ~132cm from mirror:

- Beam Width<sub>x</sub> = 1229 micrometers

At ~139cm from mirror:

- Beam Width<sub>x</sub> = 1205 micrometers

At ~146cm from mirror:

- Beam Width<sub>x</sub> = 1196 micrometers