



Ing. Radek Pobořil, Ph.D.
Laser-matter interaction
29.07.2025, Praha

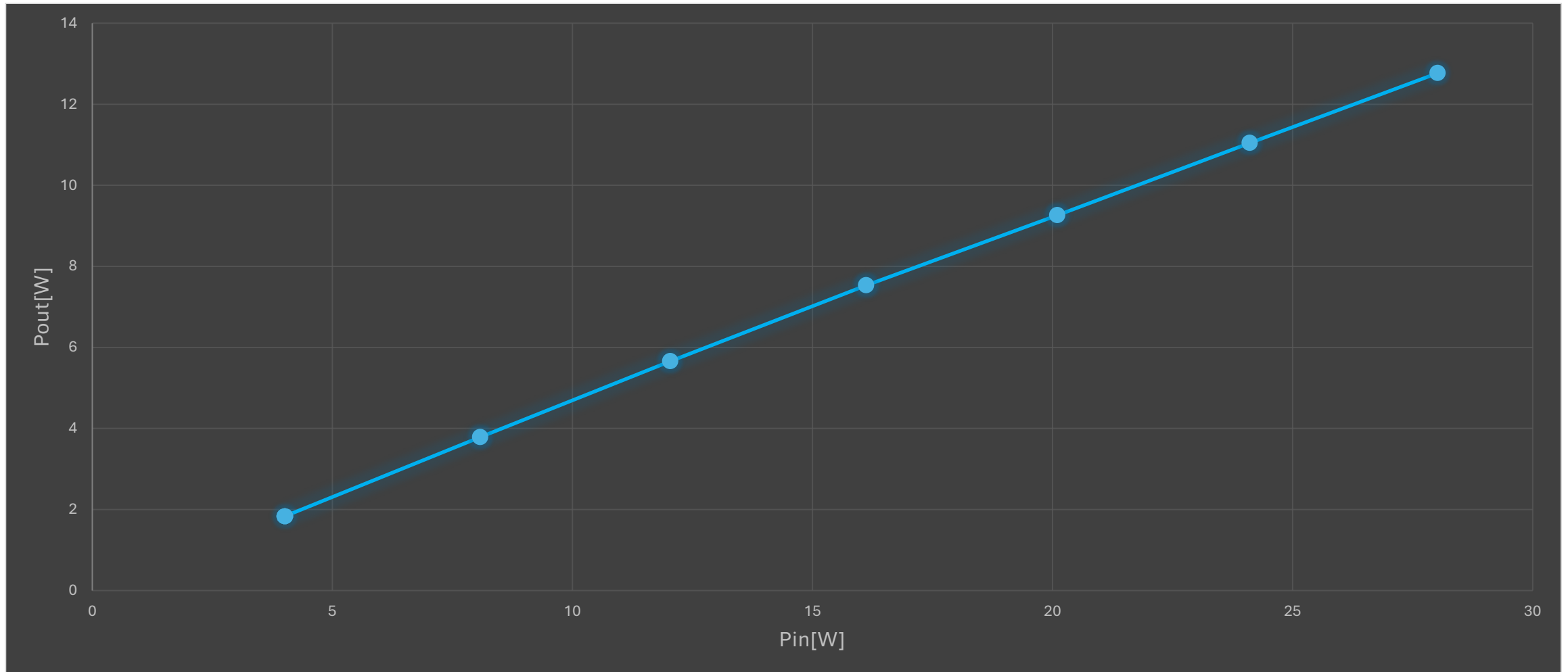
HiLASE Centre space focus

- Laser communications
 - Advanced laser sources, adaptive optics, atmospheric modelling
- Laser ablation
 - Laser momentum transfer
- Lasers for space sustainability
 - LIDAR, laser 3D printing, laser energy transmission

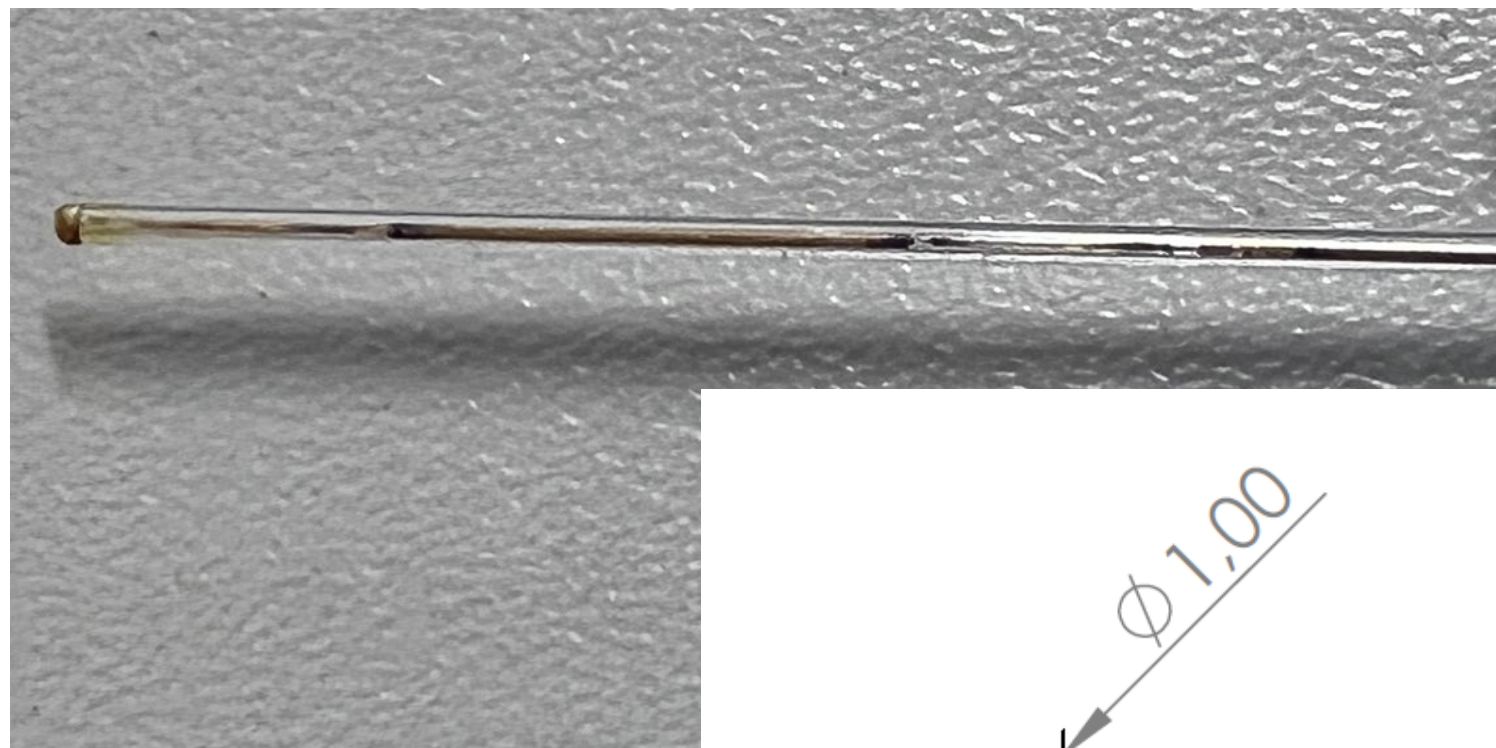
Napájení dronu laserem



PPC – output power of 1x1 cm chip



Odolný teplotní senzor



-150 až 300 °C
Vibrace: OK
Radiace: OK
OutGassing: OK

