

400 km

$$\lambda = 800 \text{ nm}$$

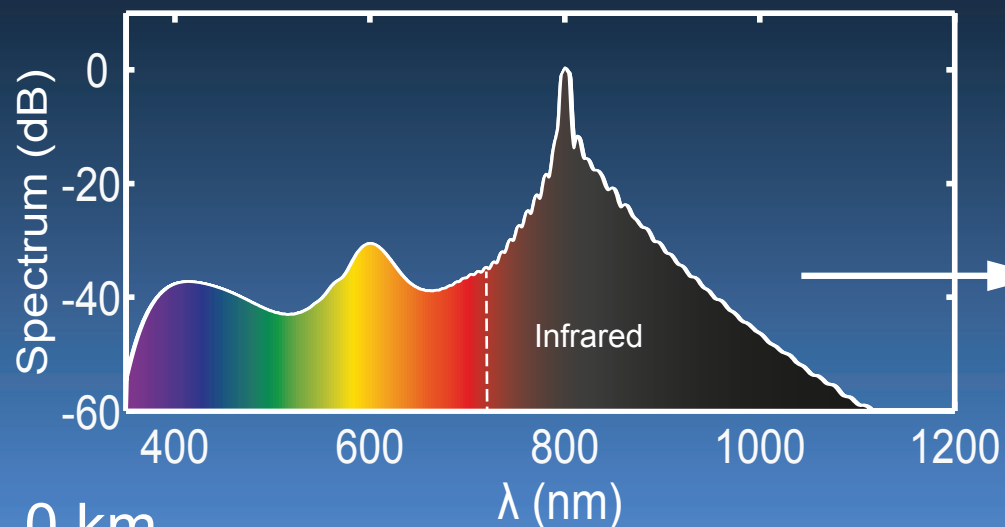
$$\Delta t = 500 \text{ fs}$$

$$R_0 = 50 \text{ cm}$$

$$E_p = 76 \text{ mJ}$$

Backscattered light

In-situ supercontinuum



Filament: white-light generation

Atmospheric species

0 km