Problem solving

Create a function that solves the most suitable (with most power) link station for a device at given point [x,y].
Please write it in the language you know best, please also make this project as complete as you think it should be to be maintainable in a long term by more than one maintainer.

This problem can be solved in 2-dimensional space. Link stations have reach and power.

A link station's power can be calculated:
power = (reach - device's distance from linkstation)^2
if distance > reach, power = 0

Function receives list of link stations and the point where the device is located.

Function should output following line:
"Best link station for point x,y is x,y with power z"
or:
"No link station within reach for point x,y"

Link stations are located at points `(x, y)` and have reach `(r)` `([x, y, r])`:
`[[0, 0, 10],`
`[20, 20, 5],`
`[10, 0, 12]]`

Print out function output from **points** `(x, y)`:
`(0,0)`, `(100, 100)`, `(15,10)` and `(18, 18)`.