

plasma
radiation

thermal
interference

infrared / conduction

53% transmission, 600 - 0.2 nm

ECRH stray
radiation

3%

gold foil
detector

temperature change

absolute temperature

resistance change

voltage
change across
gold foil

GUI input

sample rate

sampling

channel number

camera

voltage sample

out

NI 7813R 128 channel
PCIe interface

acquisition/storage to RAM

to HDD / webservice

real time feedback

after experiment: archive
storage & evaluation

values / storage

input

calibration results

