

# Low-cost open-source wireless random-access opto-stimulation

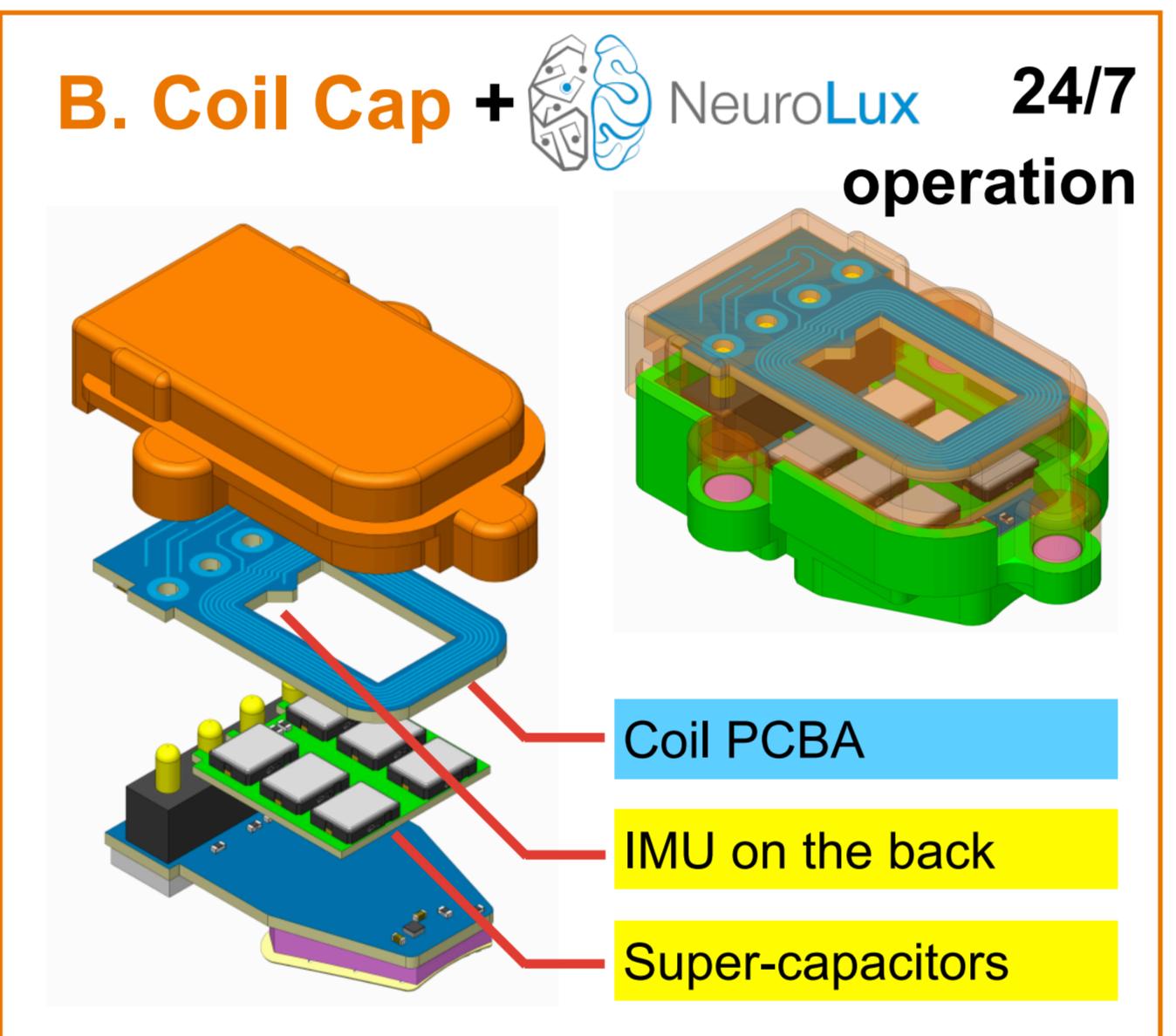
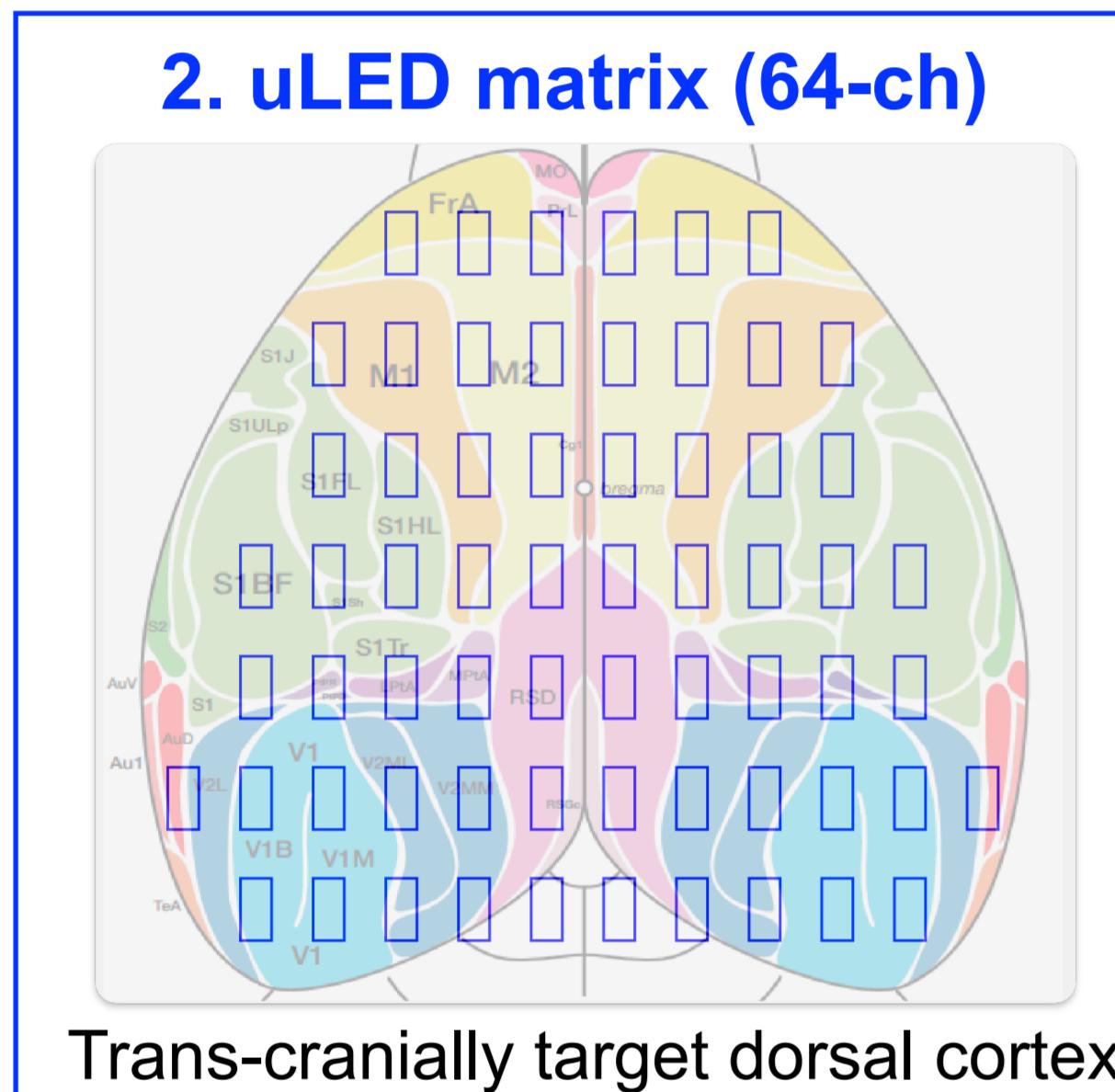
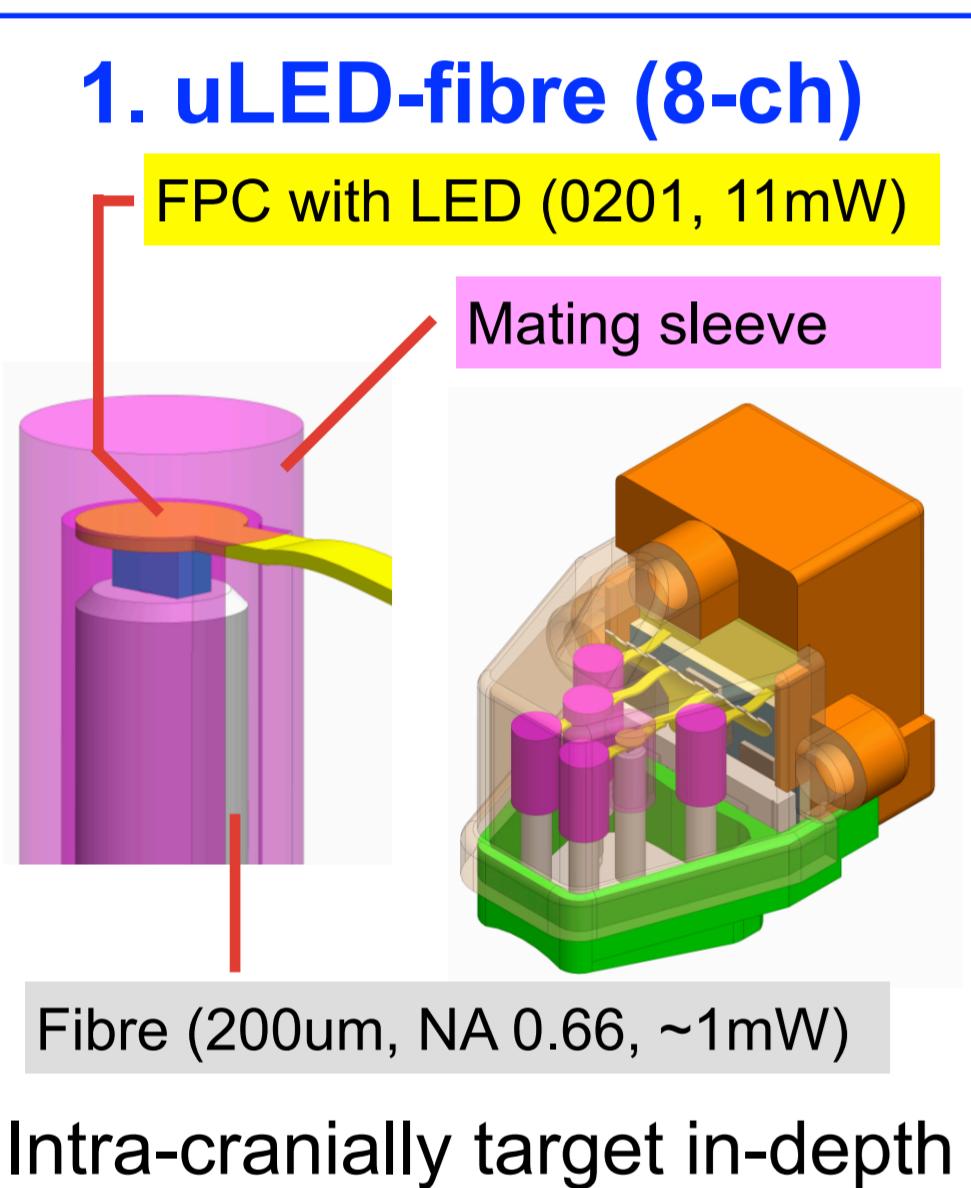
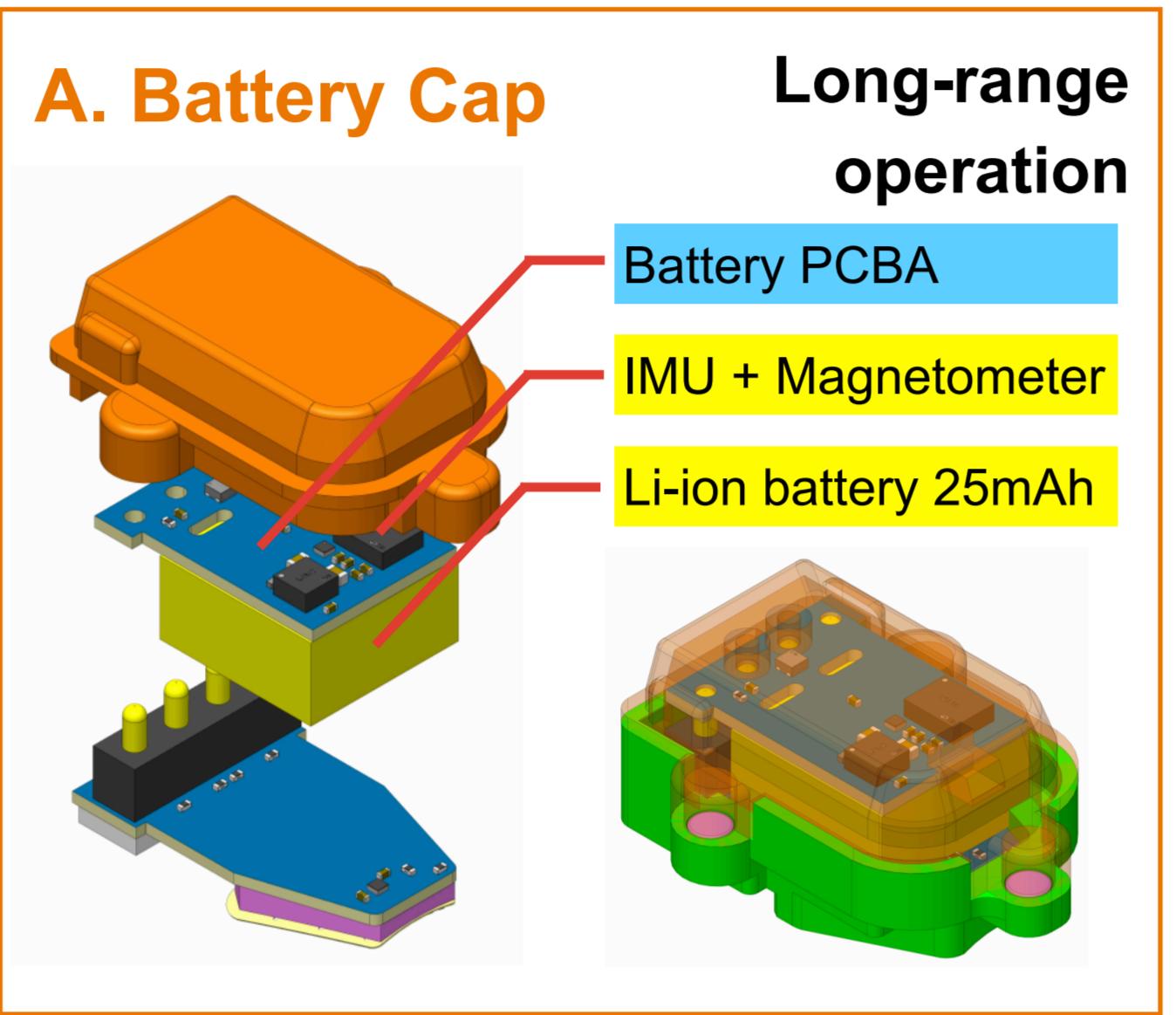
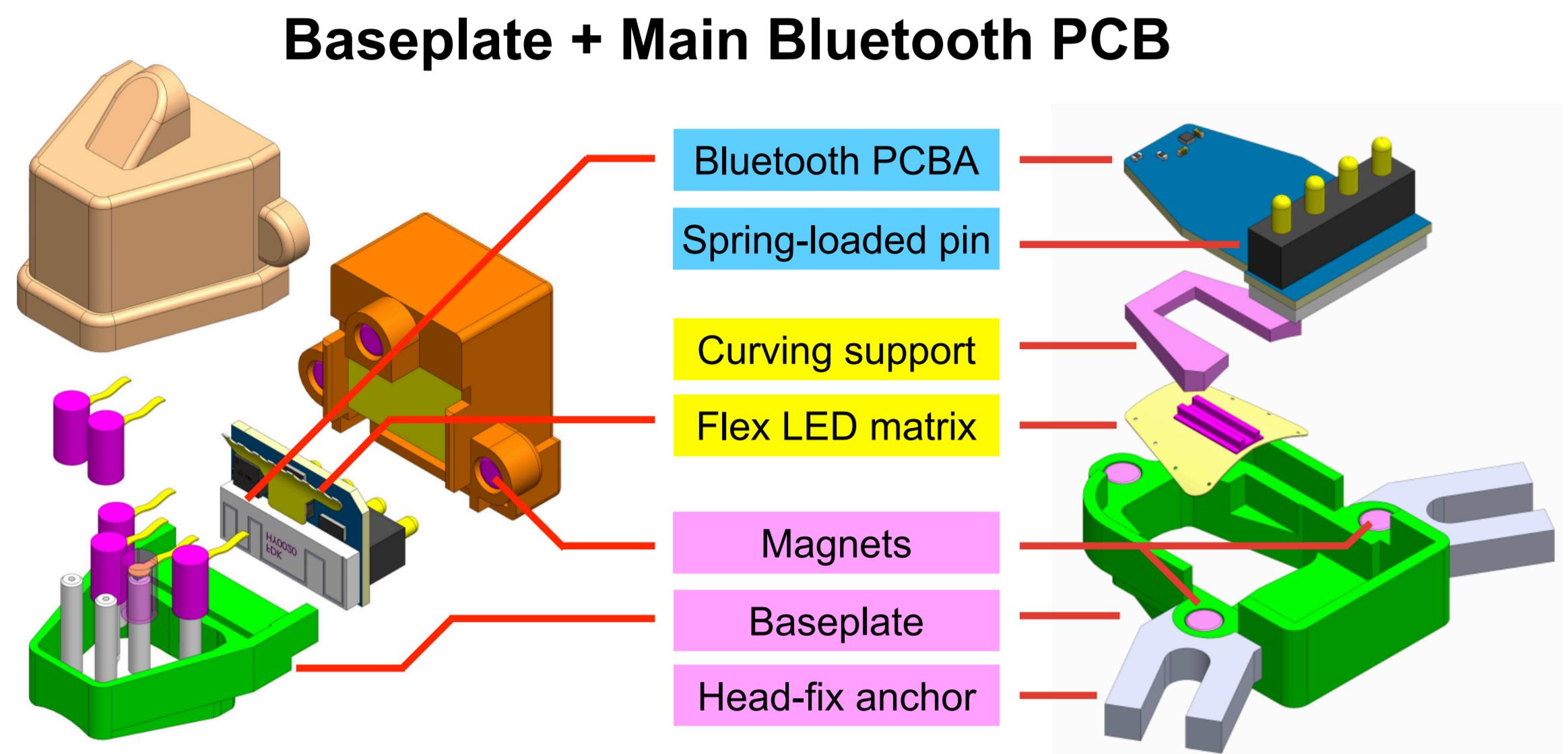
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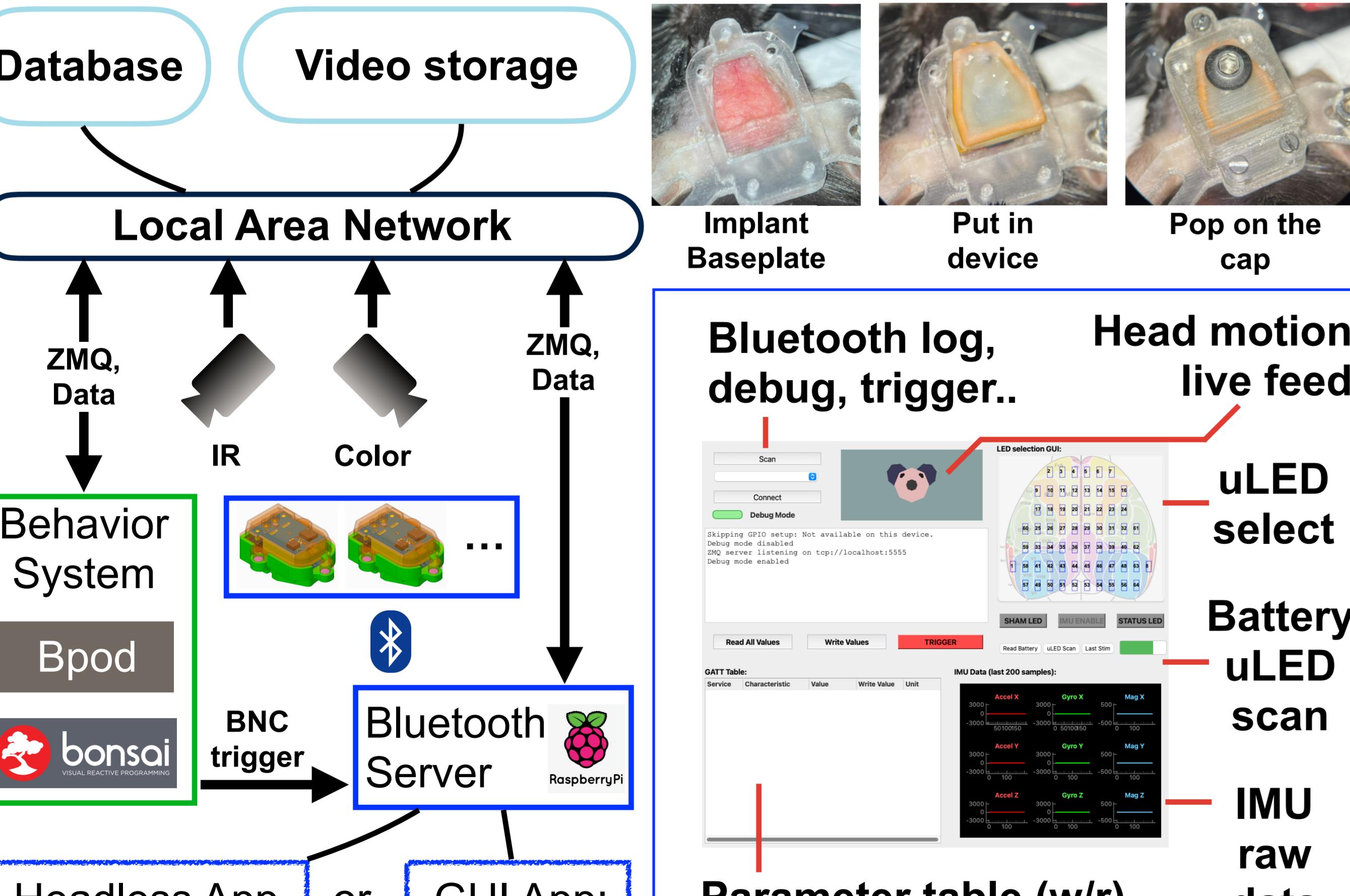
Sainsbury Wellcome Centre, UCL, London UK



## 1. Device Overview

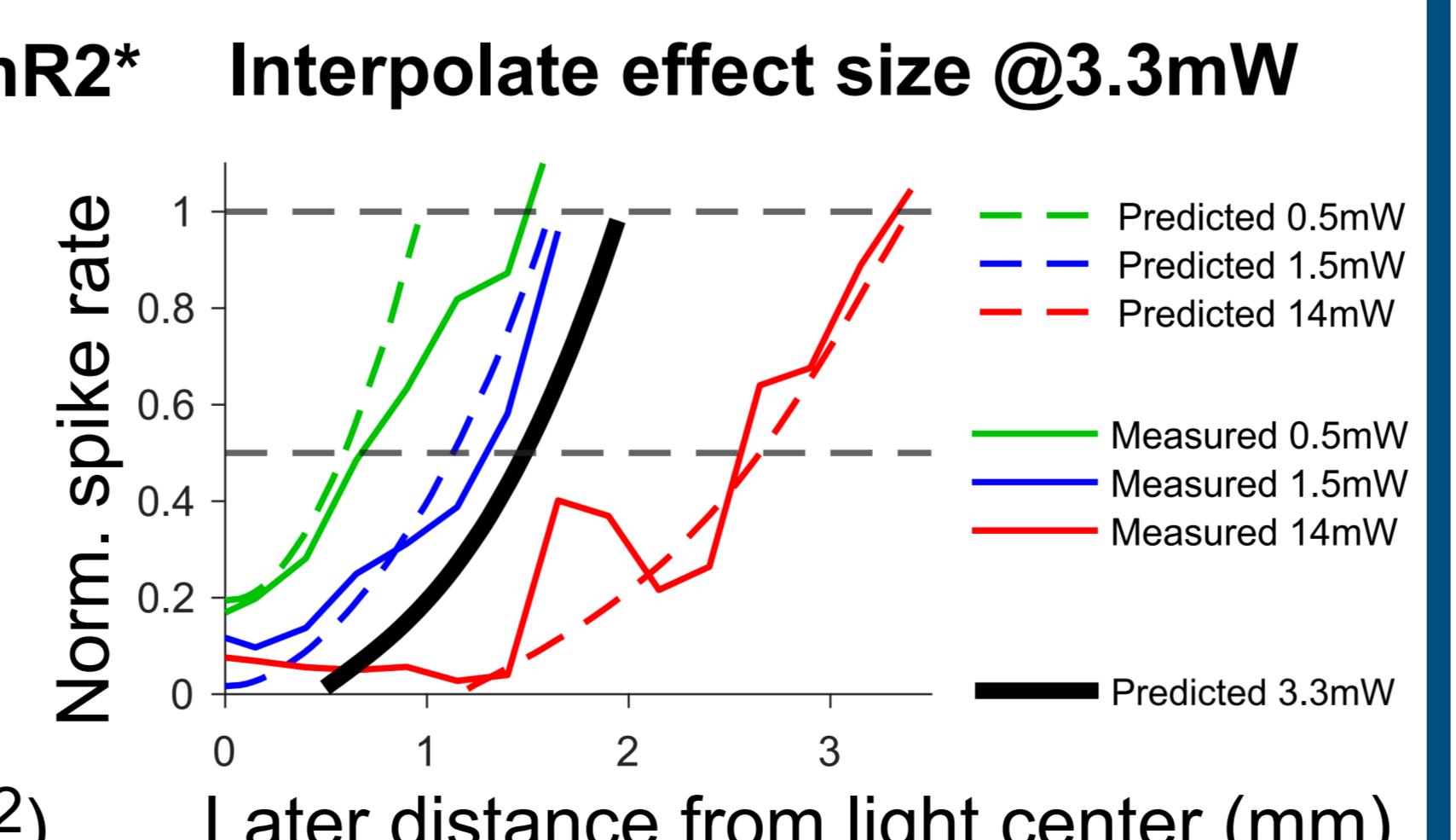
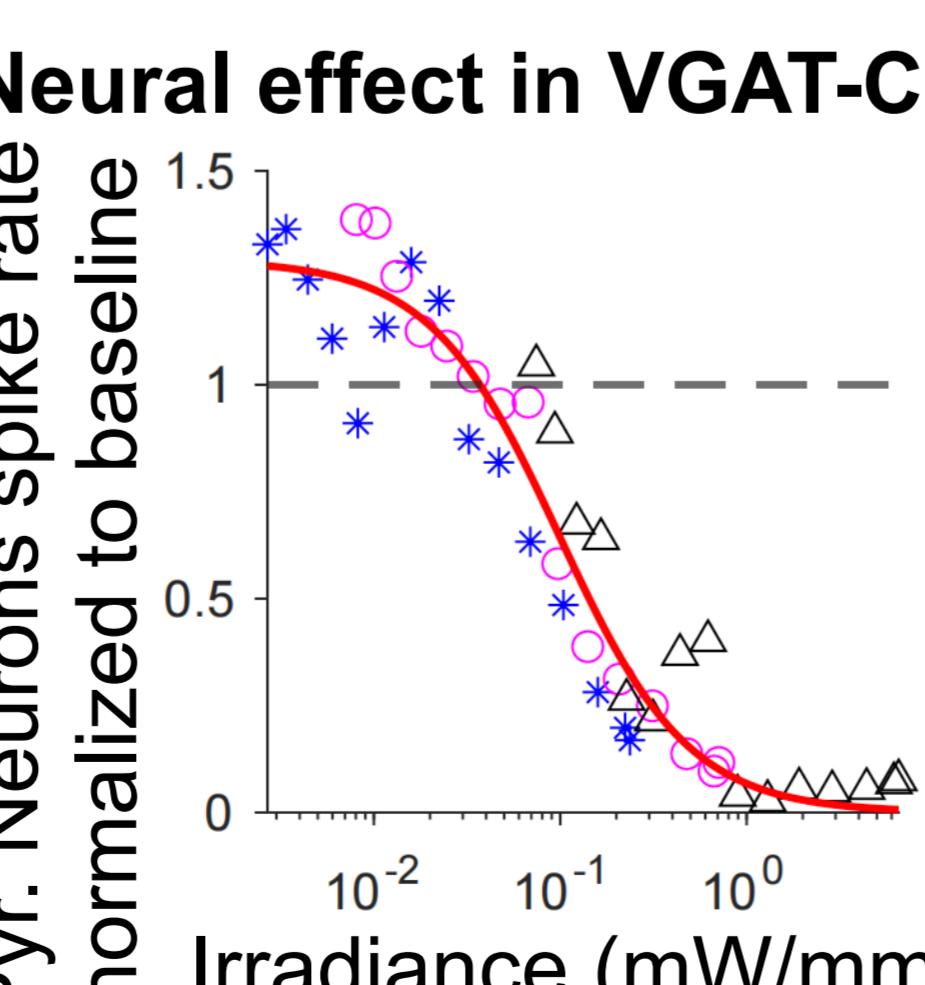
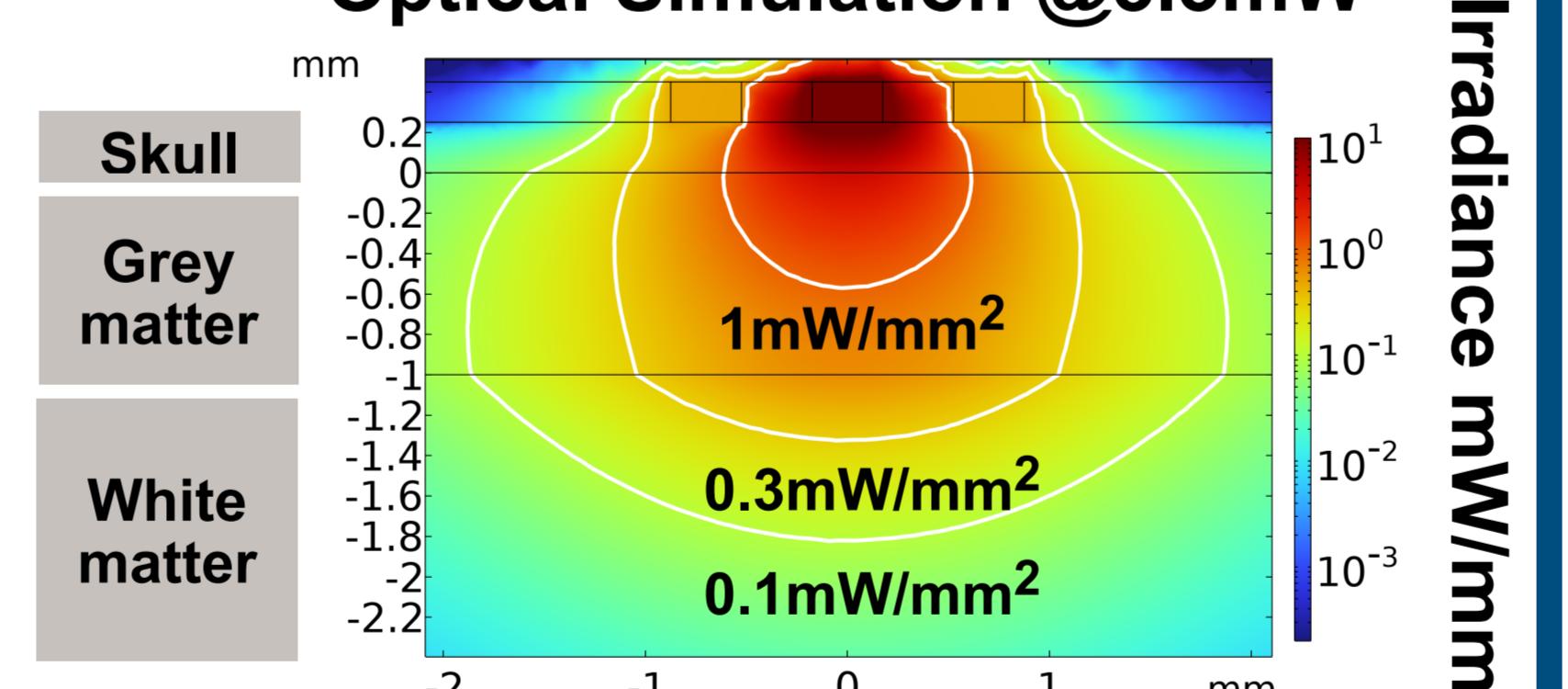


## 4. Surgery & usability



## 5. Device Characterization

\*Electro-physiology data from Nuo Li et. al. elife 2019



Mouse opto-trial demo:  
zenodo.org/records/14982327



Amplitude ramping demo:  
zenodo.org/records/17567003



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## 6. Behavioral Validation

