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Supplementary Materials for

Implantable microcoils for intracortical magnetic stimulation

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Supplementary Materials

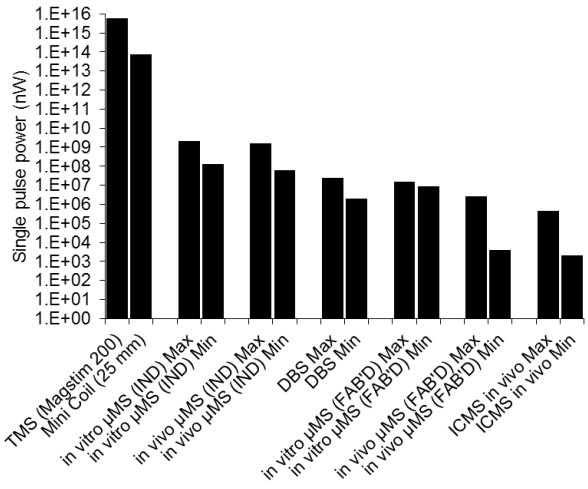

fig. S1. Power consumption levels for microcoils and other stimulation modalities. Minimum & maximum levels of power are calculated from previous published studies as well as from the present study. The corresponding power levels for in vitro & in vivo stimulation were 10 & 0.4 mW (for whisker cortex). (DBS: Deep Brain Stimulation (*55*); ICMS: Inta-cortical microstimulation (*9, 40-42, 56, 57*); FAB'D: fabricated microcoil (present study); IND: commercial inductor that comprised the first-generation microcoil (*13, 14, 19, 23*); Mini Coil (*58*); TMS: Transcranial Magnetic Stimulation (Magstim 200, 50% power))