



Supplemental Figure 1. (A-C) VEP amplitudes for individual animals at 2.4 mW/mm^2 irradiance measured from the day of implantation for up to 32 weeks for 20-, 40- μm honeycomb and planar devices, respectively. The very different values in different animals at week 0 and week 32 highlight the variability between animals. (D-E) The same data normalized by the last measurement (week 32) shows much clearer the trend of decreasing amplitude after the day of implantation followed by a gradual recovery over 32 weeks. Normalizing the data helps minimize the biological (animal-to-animal) variability of the VEP amplitude and reveal the effect of the signal decline and recovery over time.