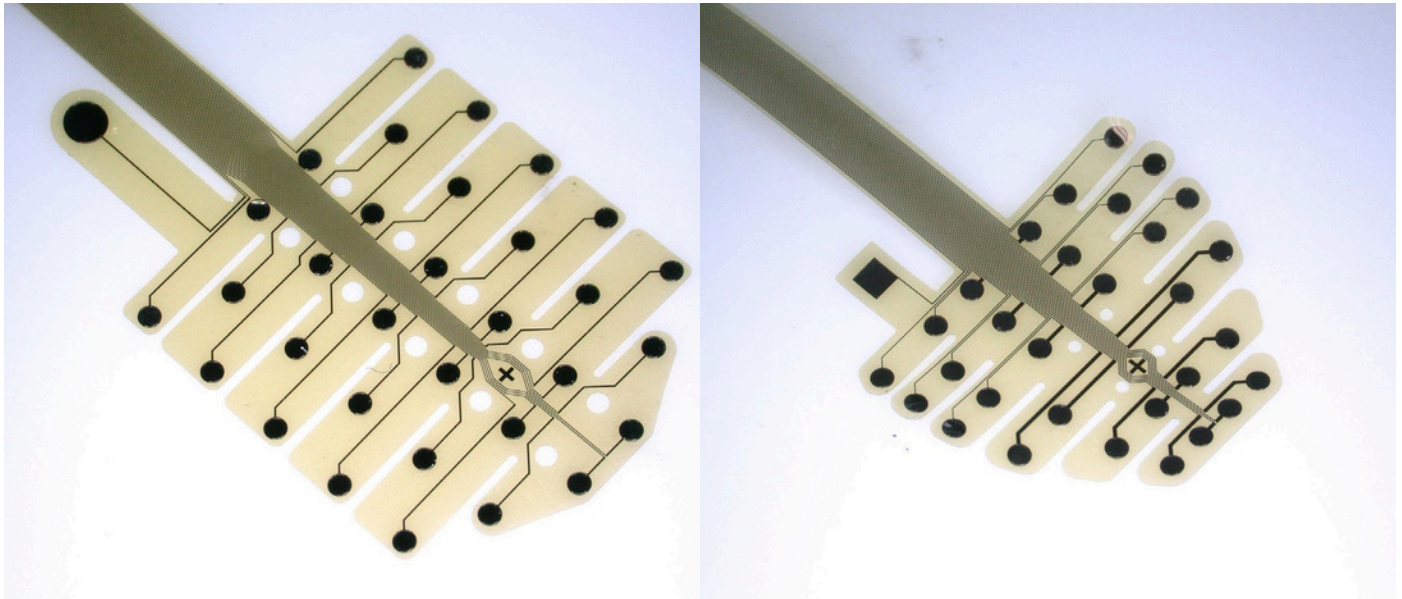


EEG

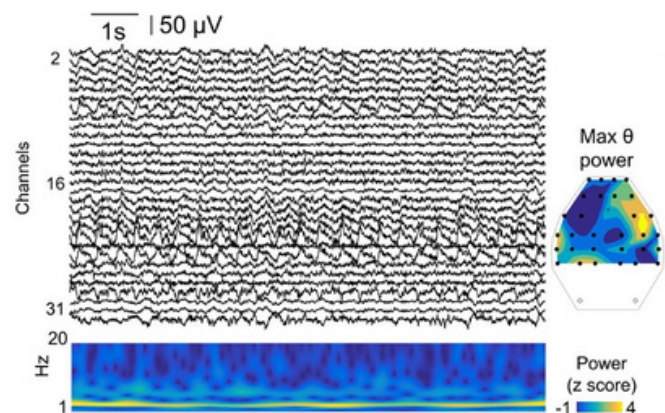


NeuroNexus **EEG probes** are ultra-flexible surface grids optimized for electroencephalography.

- **Flexible and durable** – Fabricated with our polymer MEMS technology, our EEG probes easily conform to the skull. Use a drop of water to adhere the probe to the skull.
- **Stable** – High quality EEG recordings have been obtained over months.
- **Optimized array designs** – Select from a variety of EEG array designs featuring different recording site placements, for different applications or animal models.

Specifications

Substrate Material	Polyimide
Electrode Site Material	Platinum
Array Thickness	20 μm
Cable Length	10 mm
Channel Count	30 (Mouse EEG) 32 (all other designs) Custom options avail.
Available Packages	H32, HC32, HZ32, X3-H32



ABOVE: EEG grids allow assessment natural brain rhythms such as exploratory and REM theta (4-12 Hz) during periods free of epileptiform activities.

Image courtesy of Dr. Liset de la Prida, Instituto Cajal -CSIC.
<https://hippo-circuitlab.com/2017/03/eeg-grids/>