Example data introduced in the code

+aGel\_Impedance.mat

+aGel\_Impedance.mat

SNR\_allweek\_processed.mat

Main figure

**Figure 3f**

SSEP\_amplitude.py

utils.py

Wulab\_data.ipynb

**Figure 3g**

SSEP\_amplitude.py

utils.py

Wulab\_data.ipynb

**Figure 3h**

SNR\_maps.py

utils.py

Wulab\_data.ipynb

**Figure 3i**

Spatial\_resolution.py

utils.py

Wulab\_data.ipynb

**Figure 5b**

Break-point.py

+aGel\_Impedance.mat

Without aGel: Segment linear fitting(-aGel).py

-aGel\_Impedance.mat

Without aGel: Segment linear fitting(+aGel).py

+aGel\_Impedance.mat

**Figure 6d**

linear\_mixed\_effects\_model.m

SNR\_allweek\_processed.mat