

# SUPPLEMENTARY INFORMATION FOR

## Edge and Defect Effects on Charge Distribution in Collapsed MoS<sub>2</sub> Nanotubes

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### Table of Contents

**S1.** Topography of the area from which the nanotube was removed

**S2.** Charge injection into area from which the nanotube was removed

**S3.** Topography of the folded section of the collapsed NT

### S1. Topography of the area from which the nanotube was removed

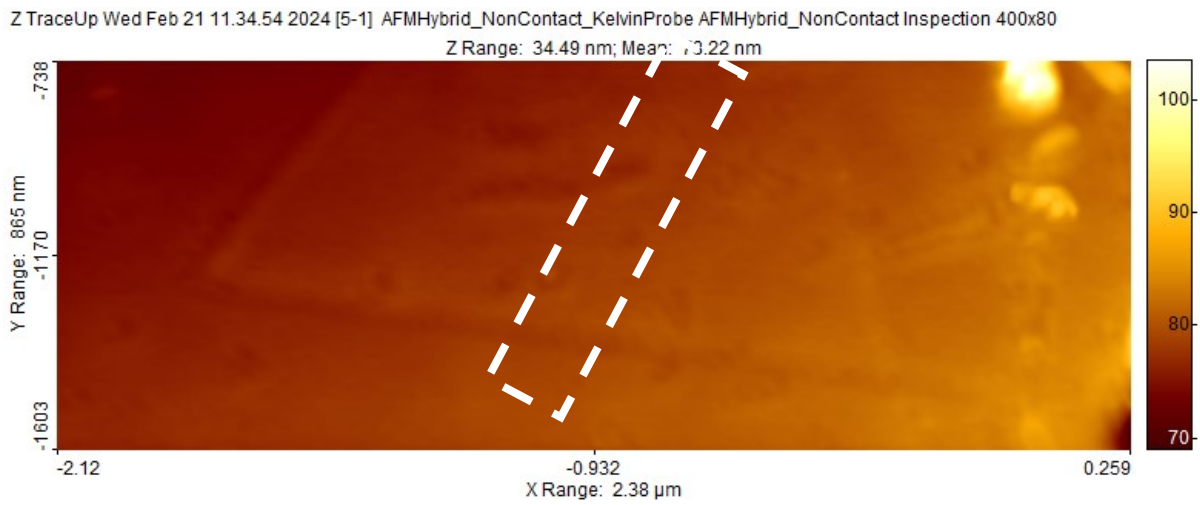


Fig. S1: Topographical image of the area from which the NT was removed. The dashed square indicates the former NT location.

## S2. Charge injection into area from which the nanotube was removed

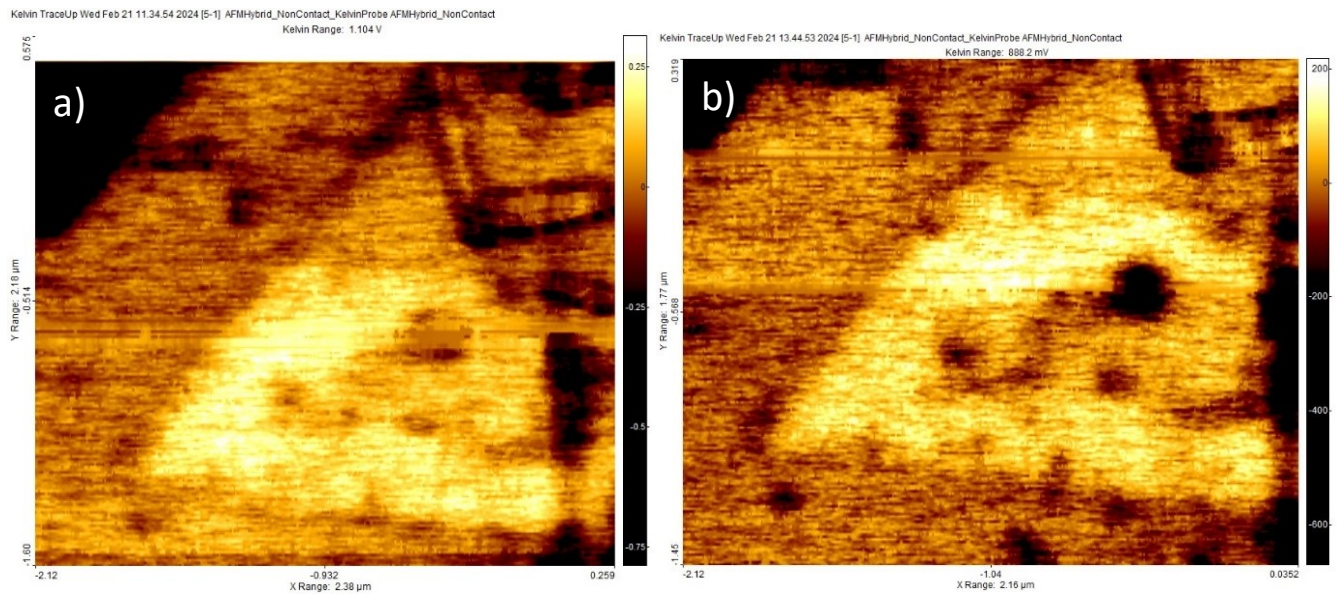


Fig. S2: a) CPD image of the flake (from Fig. S11) recorded after NT removal and prior to charge injection. b) Corresponding CPD image following the charge injection. The extracted CPD profiles are presented in Fig. 3 in the main text.

### S3. Topography of the folded section of the collapsed nanotube

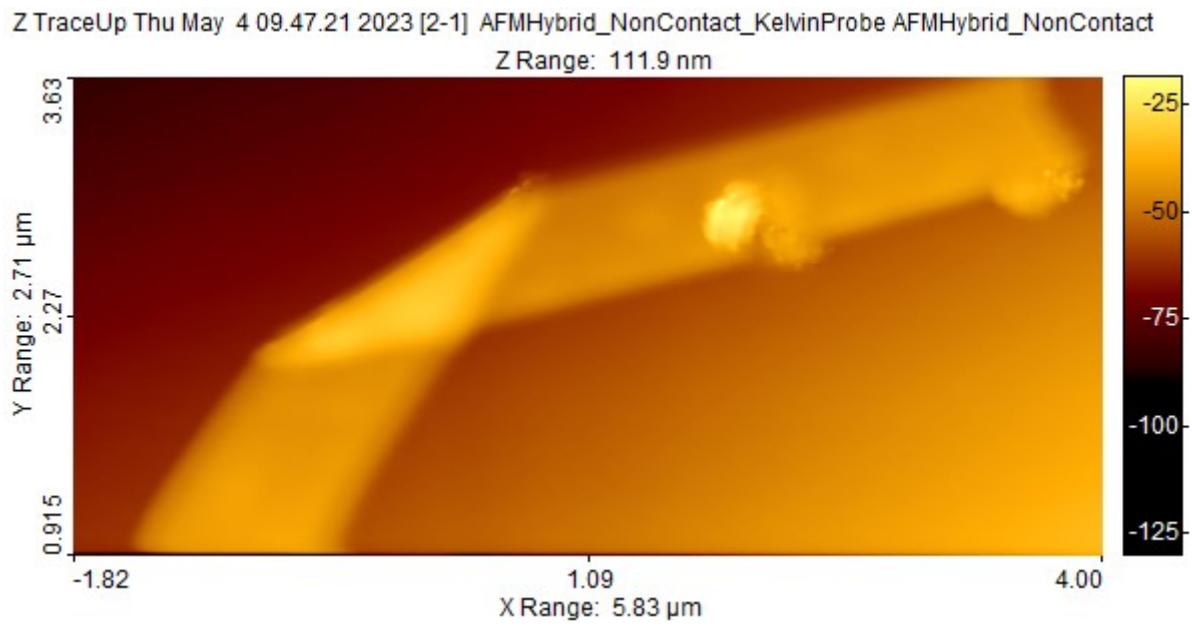


Fig. S3: Topographical image of the folded section of the collapsed NT, presented in Fig. 5 in the main text.