Toothbrush processing

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phase variation source s1, CS

high time resolution phases in many directions
slow varying amplitudes

TECSCREEN fitting:
- CS and nearby RS, 15 directions
- apply in AWimager
  - slow: 24 hr for 1hr data!
- initial tests show not much change with original image
  - under investigation

- issues with tecscreen fitting:
  - order of fit, height of layer (connected)
  - thin layer approach, ionosphere is 3D
  - other (beam) effects in phase solutions

NEW APPROACH:
- fit amplitude + phase screen per station
- apply in (new) Awimager (ongoing)