seti@home

setHI@berkeley

The Berkeley SETI group

(Erik Korpela, Dan Wertheimer;

undergrads Eric Heien, Shinae Park)

and

Carl Heiles

Technical Specifications:

- seti@home is centered on the 21-cm line; $BW = 2.5$ MHz.

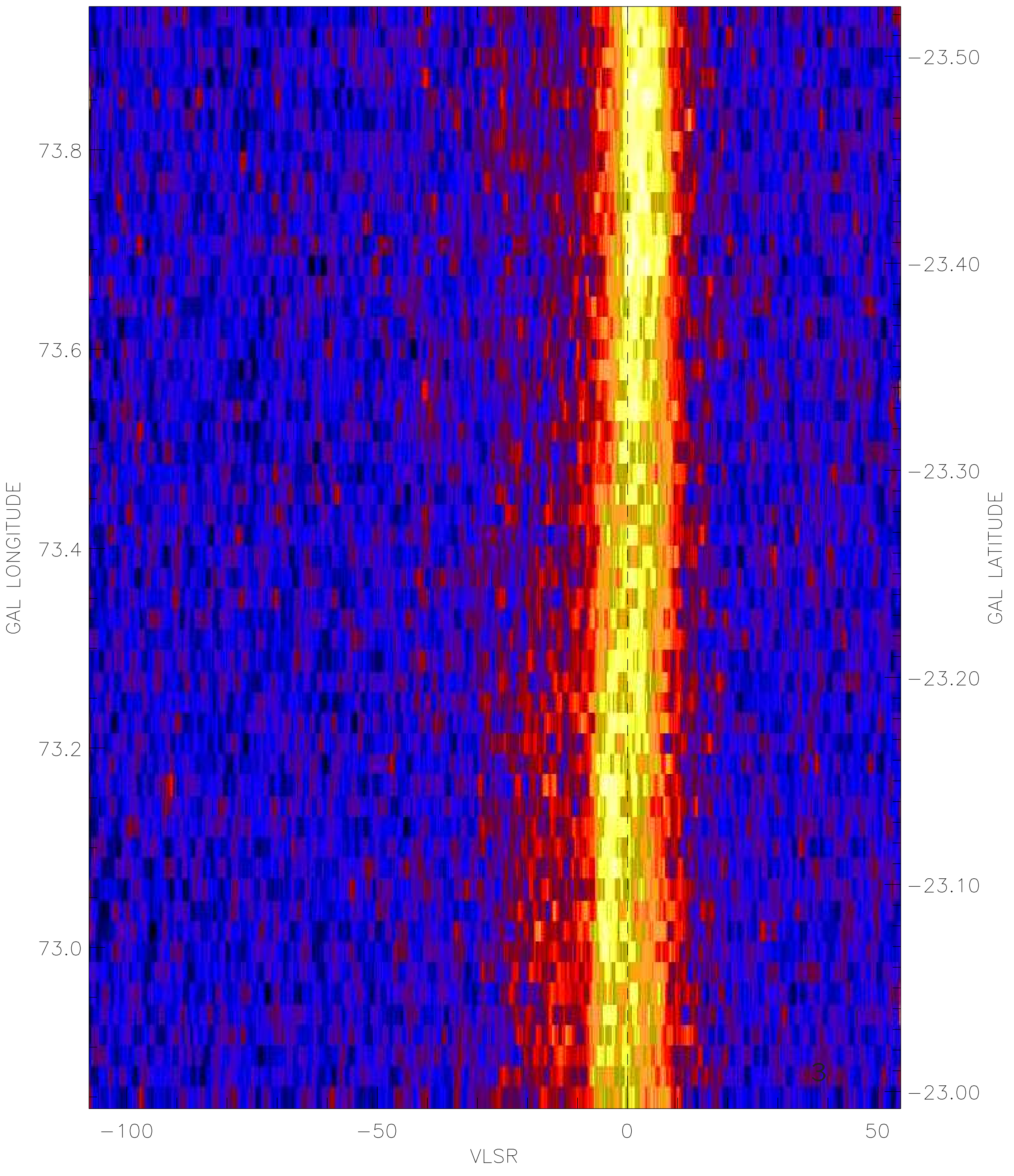
- Short line feed on Arecibo CH1, usually scans randomly through the sky at twice sidereal rate as CH2 tracks.

- Full coverage of most of Arecibo's sky, $\sim 4 \times 10^6$ pixels of size 3×3 arcmin.

- 4.4 million spectra per year; 2 years accumulated already.

- 5 sec integration per spectrum, smearing over ~ 2.5 arcmin.

- $HPBW \approx 5$ arcmin.



GAL LONGITUDE
GAL LATITUDE
VLSR
73.8
73.6
73.4
73.2
73.0
−23.50
−23.40
−23.30
−23.20
−23.10
−23.00
−100
−50
0
50
3