GBT REU STUDENT GROUP

Continuum Mapping with the GBT

GBT OBSERVATION INSTRUCTOR: Brian Mason
L Band Map

“The Blob”
X Band Map
Measurements

- RMS in L band map = 8.72 Jy/beam
- RMS in X band map = 0.033 Jy/beam
- L band: $S \sim 15.72$ Jy
- X band: $S \sim 13.95$ Jy
- Spectral Index $\sim -0.064$
Source Identification: What is the “blob”??
Source Identification:
Langston Mintor et al. First Galactic Plane Survey @ 8.35 and 14.35 GHz
LMD200b