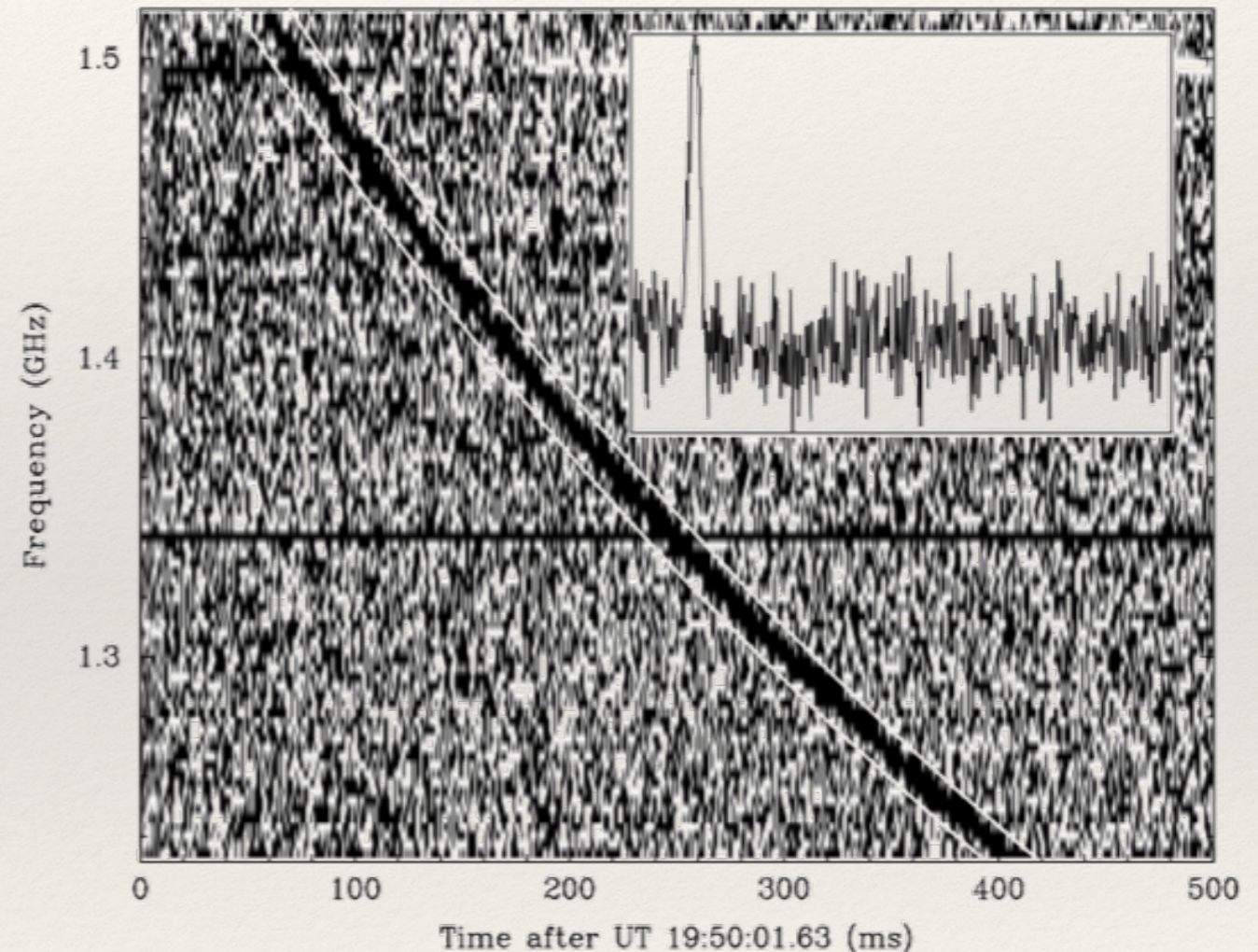


# Fast Radio Bursts with Cascades

- ❖ New (~10 yrs) class of astrophysical phenomena
- ❖ Bright radio emission for ~2ms
- ❖ Concluded to be extragalactic (from distribution and dispersion measures)
- ❖ IceCube has performed a high energy tracks analysis and a low energy SNDAQ analysis, I work on cascades
- ❖ IceCube searches would lead to favoring hadronic or leptonic emission models of FRBs





# IceCube Followup of ANITA Events

- ❖ ANITA saw two interesting neutrino candidates in its third flight
- ❖ IceCube is performing a followup to see if we have seen neutrinos from the same locations
  - ❖ Performing Transient, Flare, and Steady Source followups

