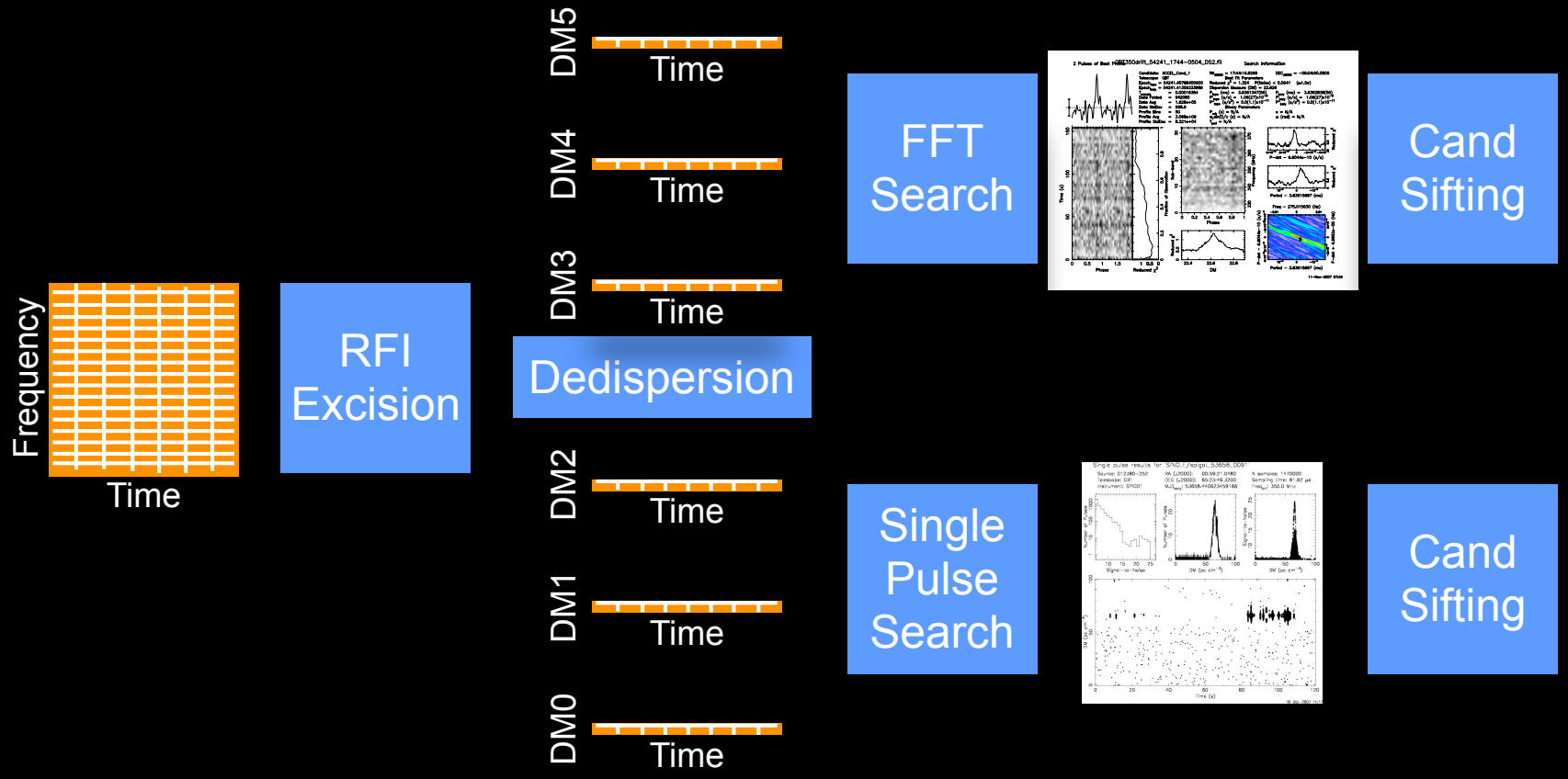
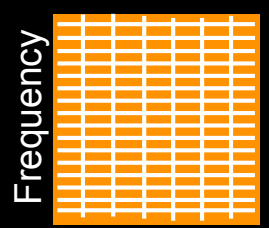
Pulsar searching

Standard Pulsar/Fast Transient Search



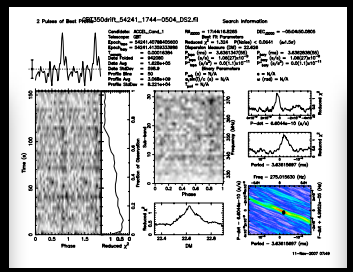
Standard Pulsar/Fast Transient Search



RFI Excision

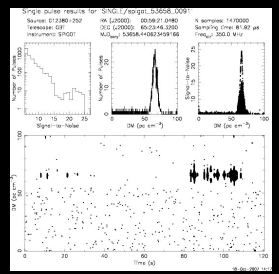
DM5 Time
DM4 Time
DM3 Time
Dedispersion
DM2 Time
DM1 Time
DM0 Time

FFT Search



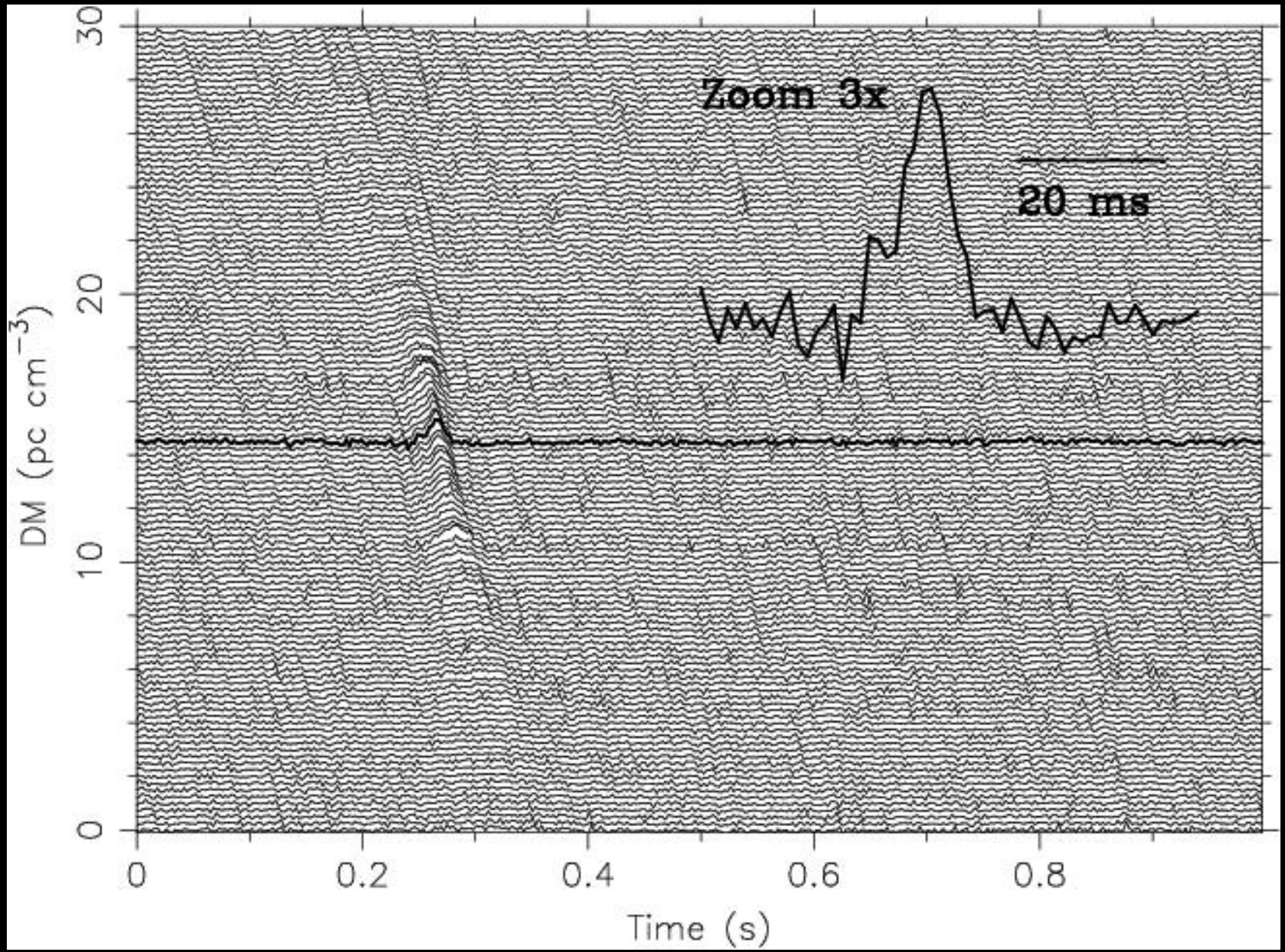
Cand Sifting

Single Pulse Search

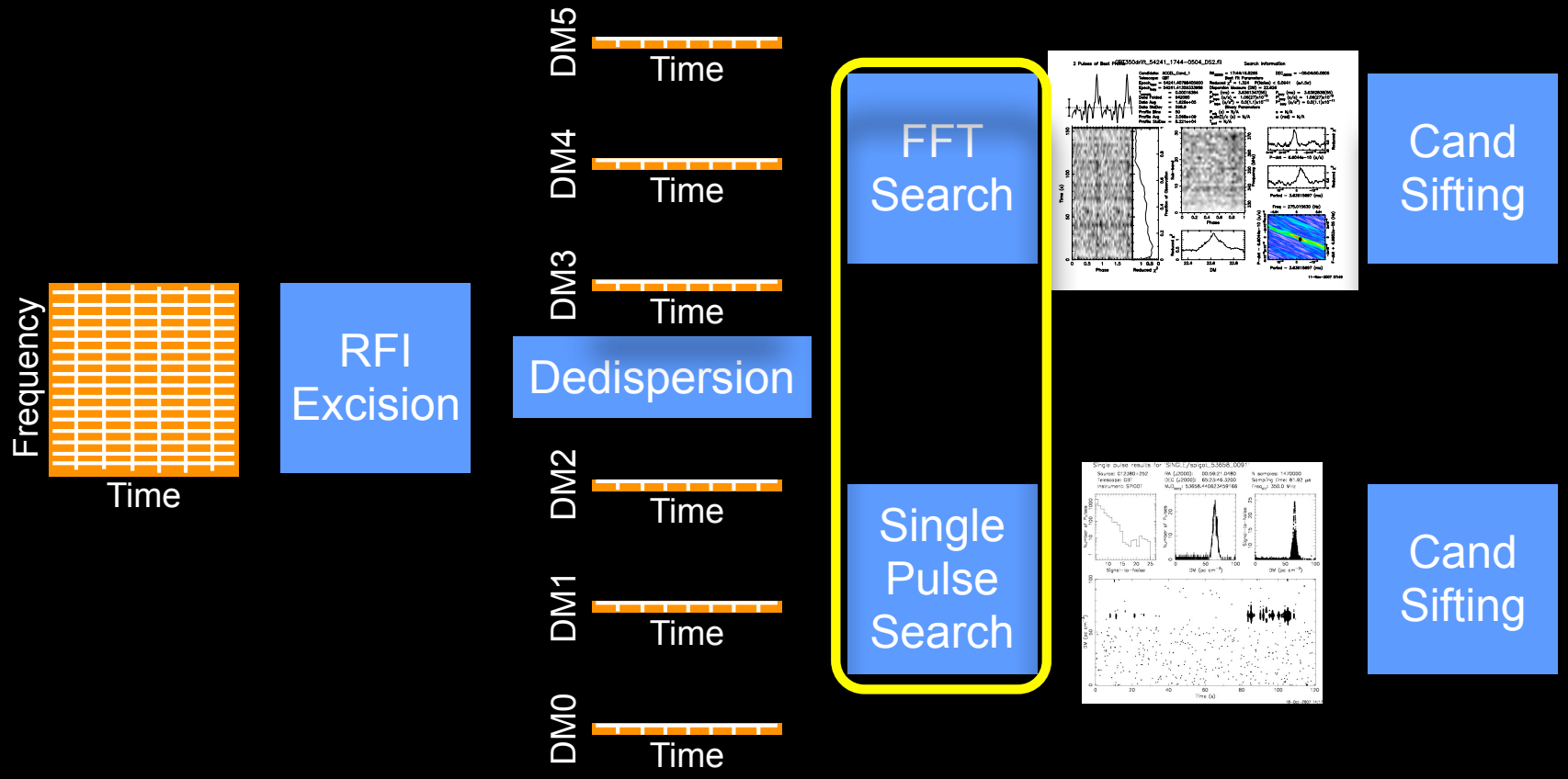


Cand Sifting

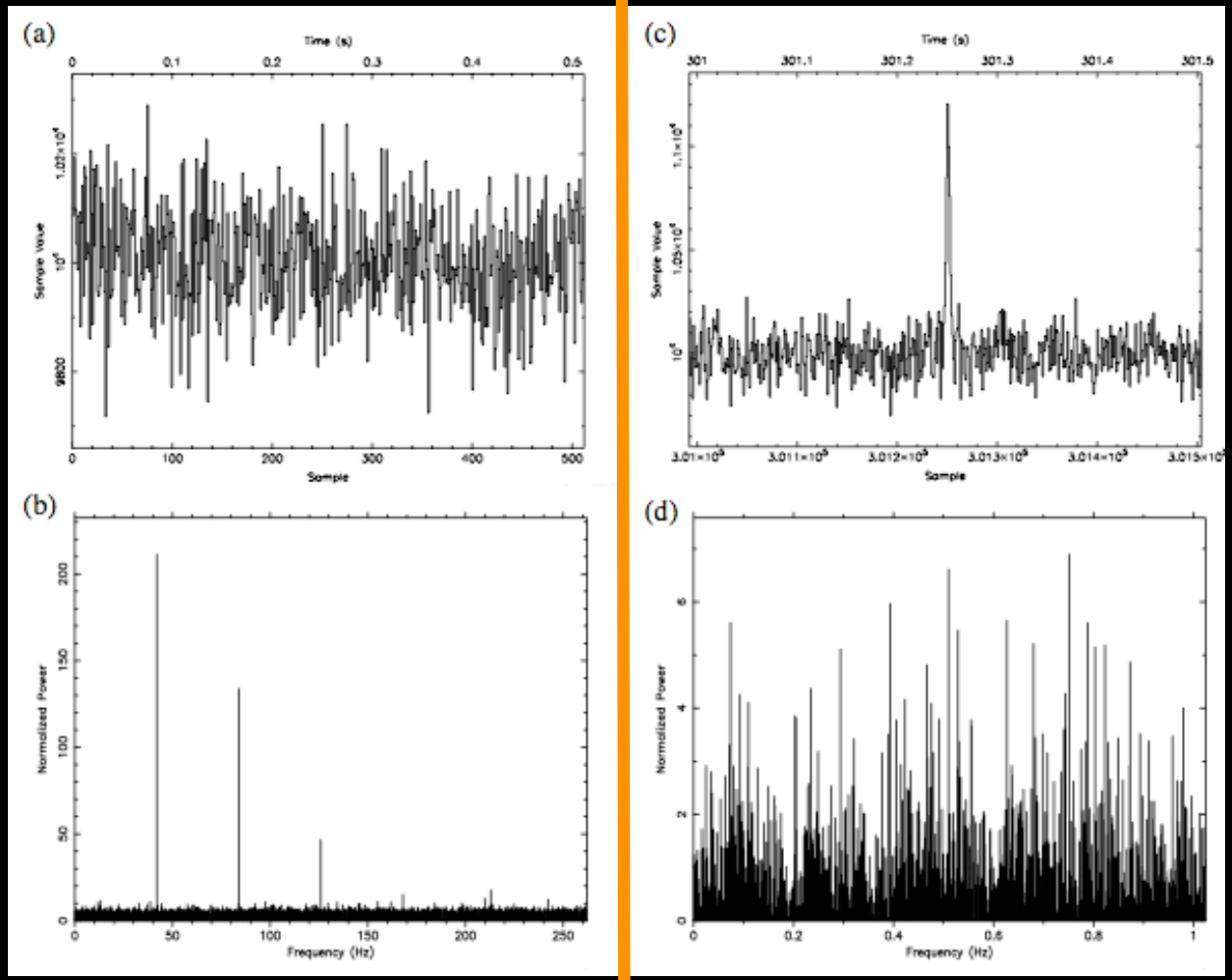
Searching over dispersion measure



Standard Pulsar/Fast Transient Search

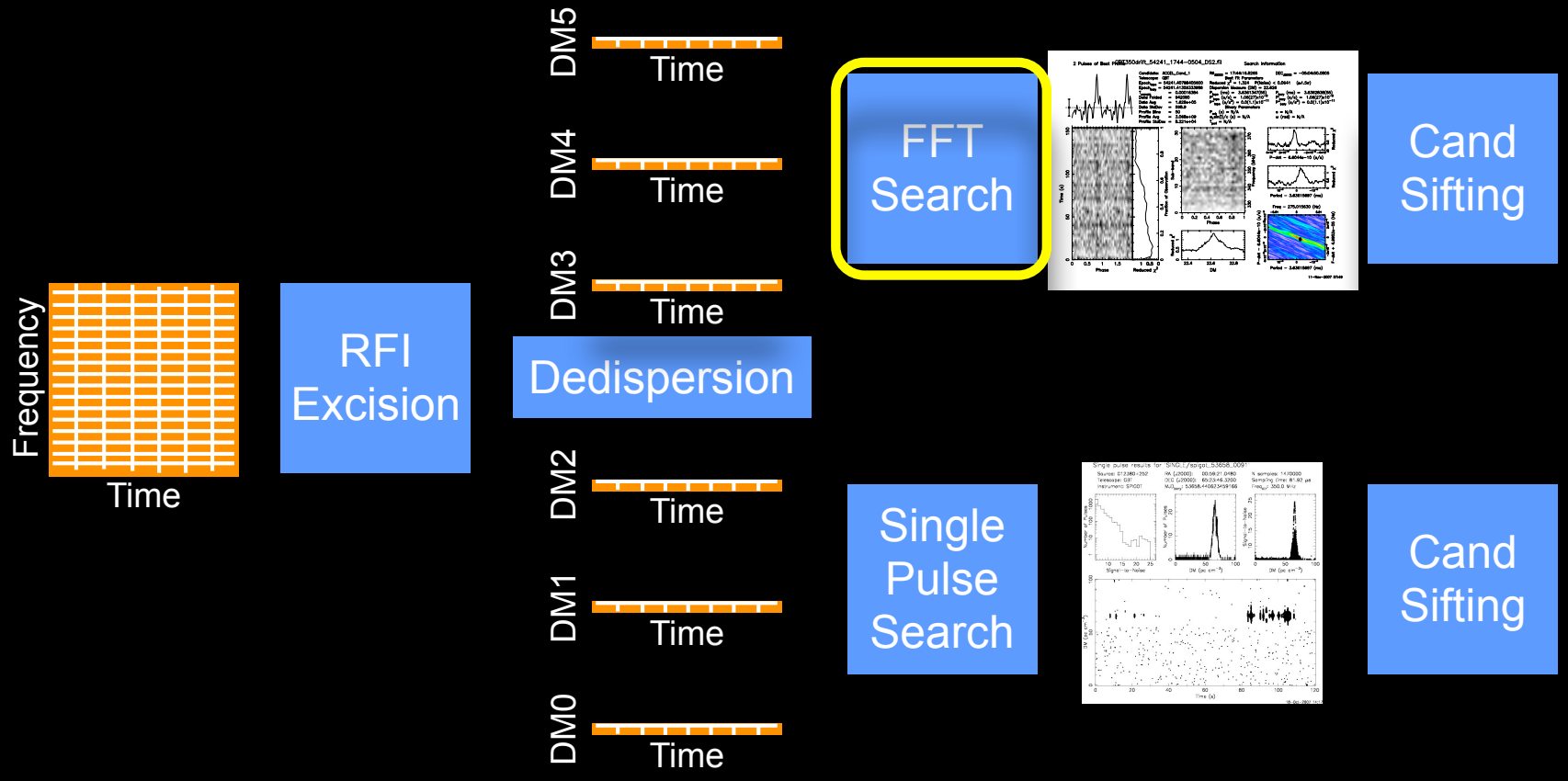


Periodic signals vs. bursts

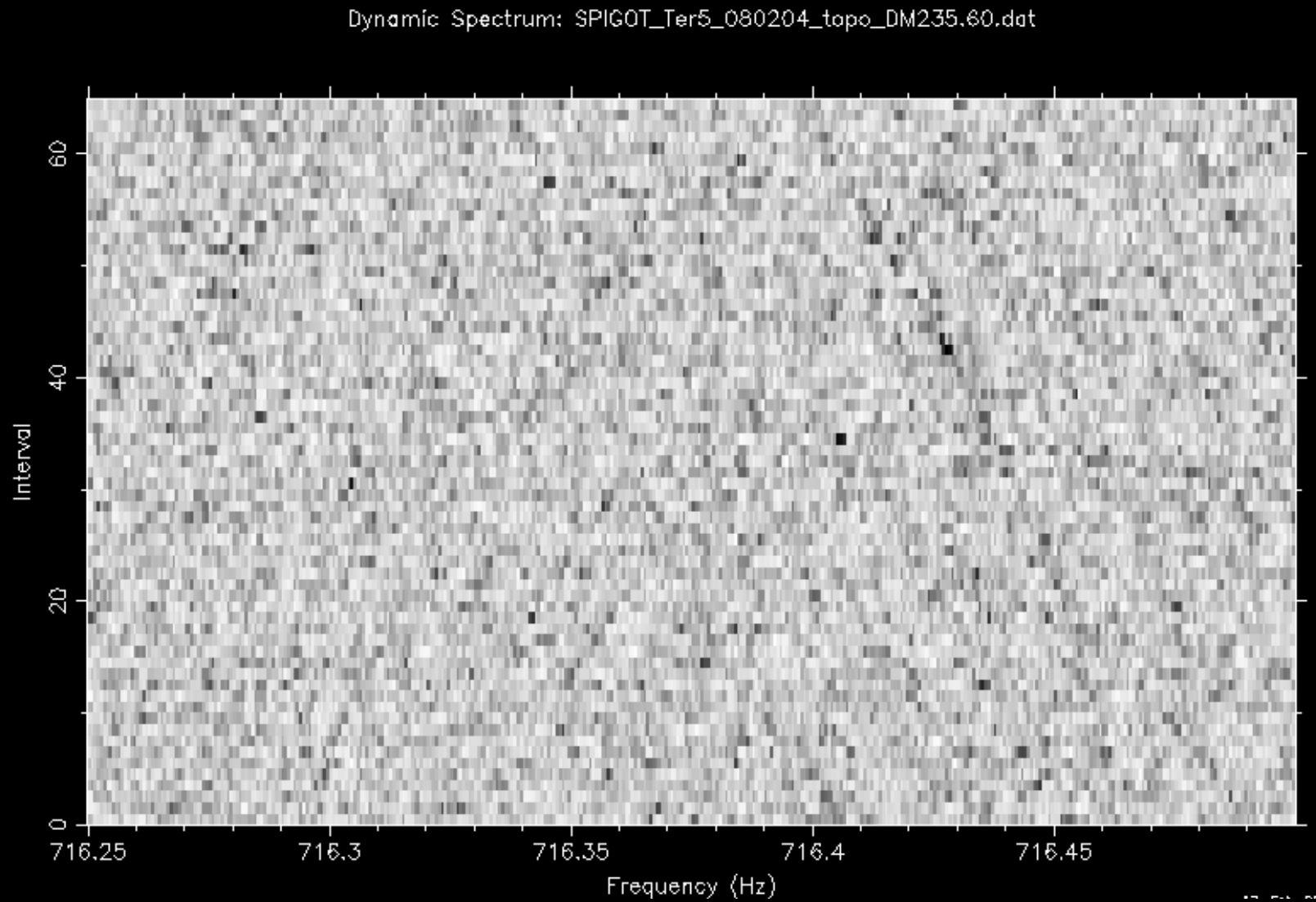


Fourier techniques | Time-series techniques

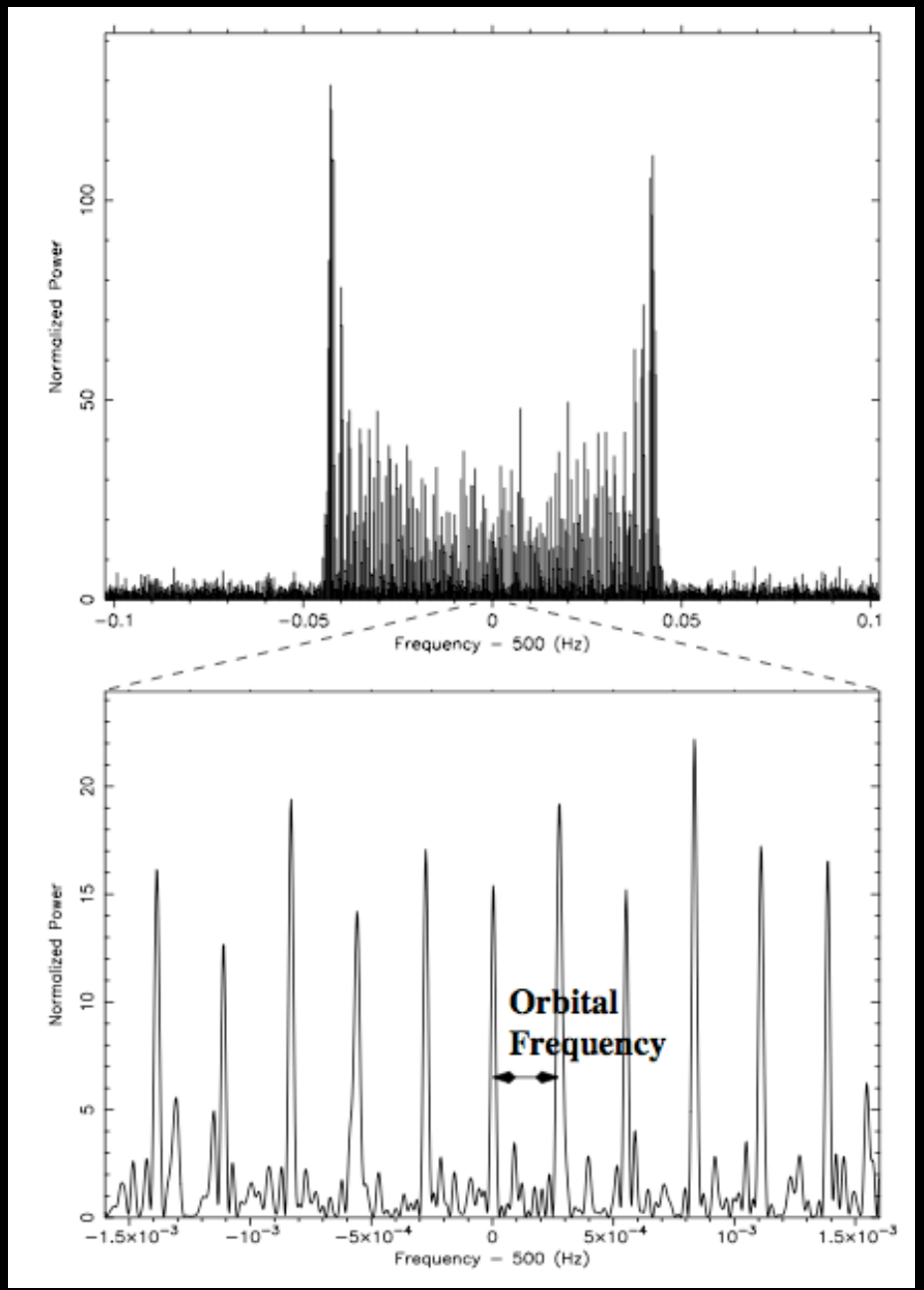
Standard Pulsar/Fast Transient Search

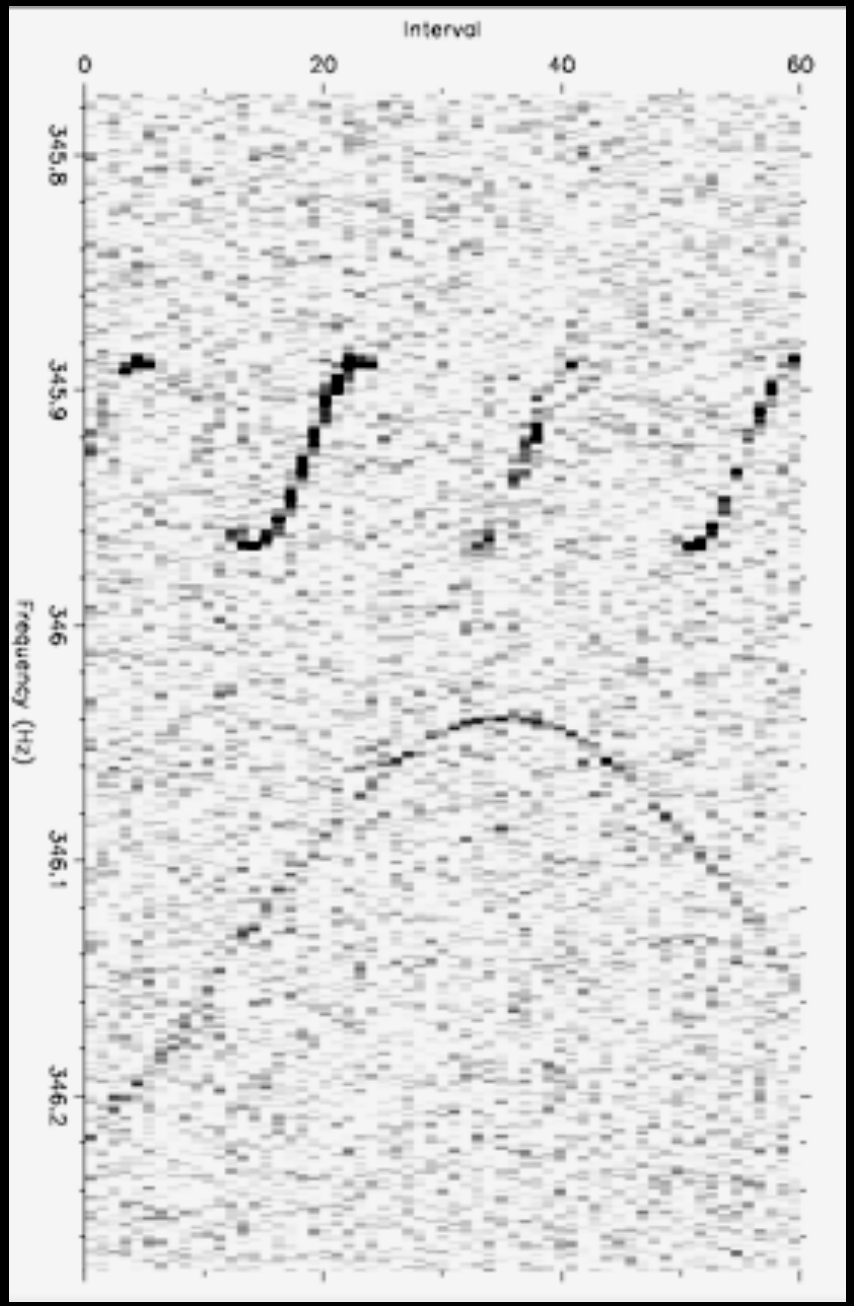


Detecting Binary Pulsars

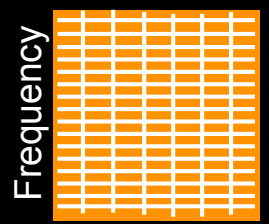


Detecting Binary Pulsars





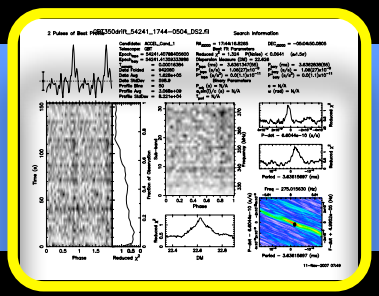
Standard Pulsar/Fast Transient Search



RFI Excision

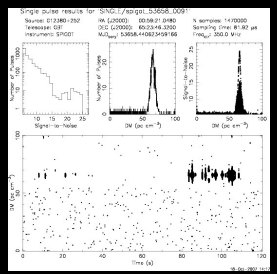
Dedispersion

FFT Search



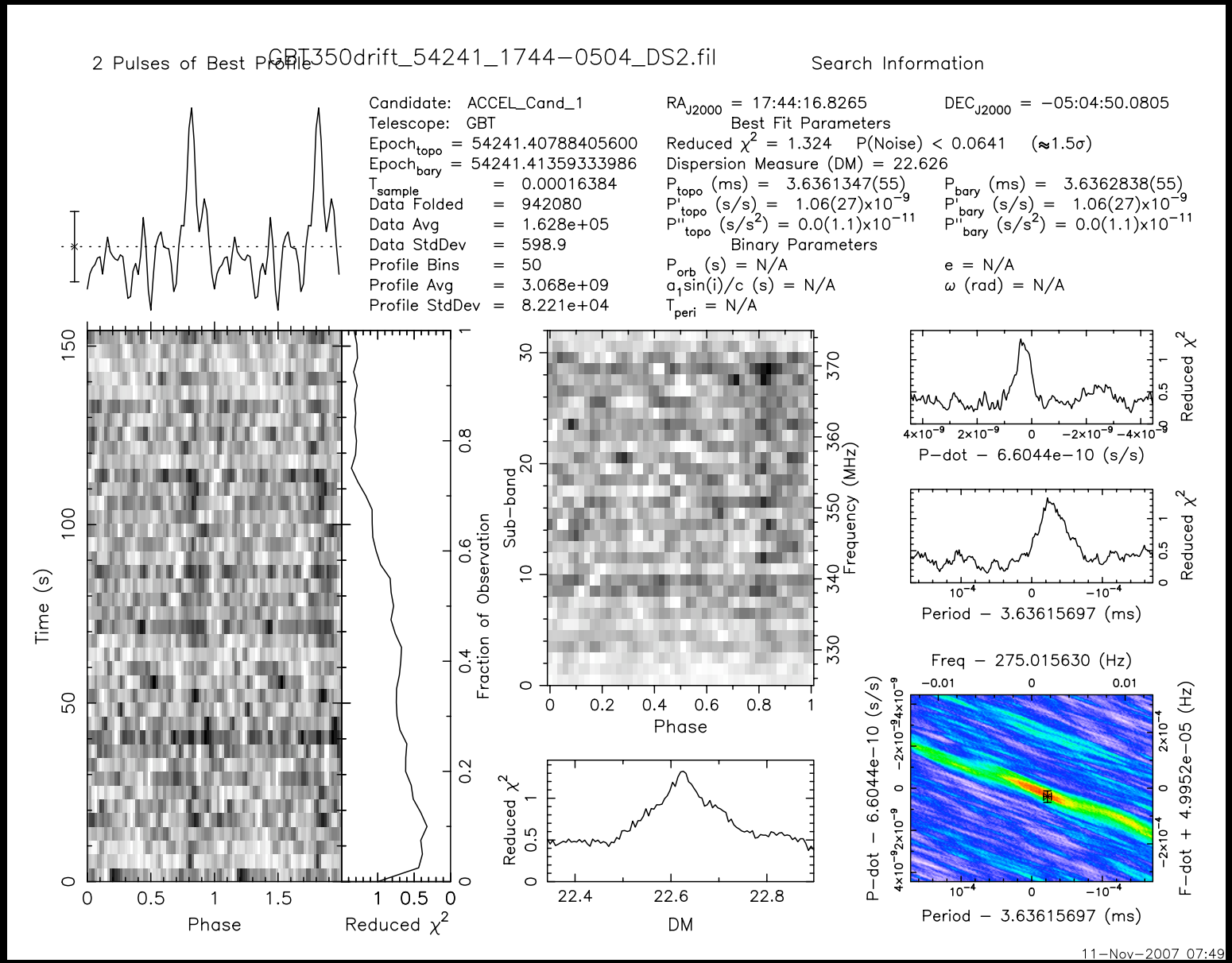
Cand Sifting

Single Pulse Search

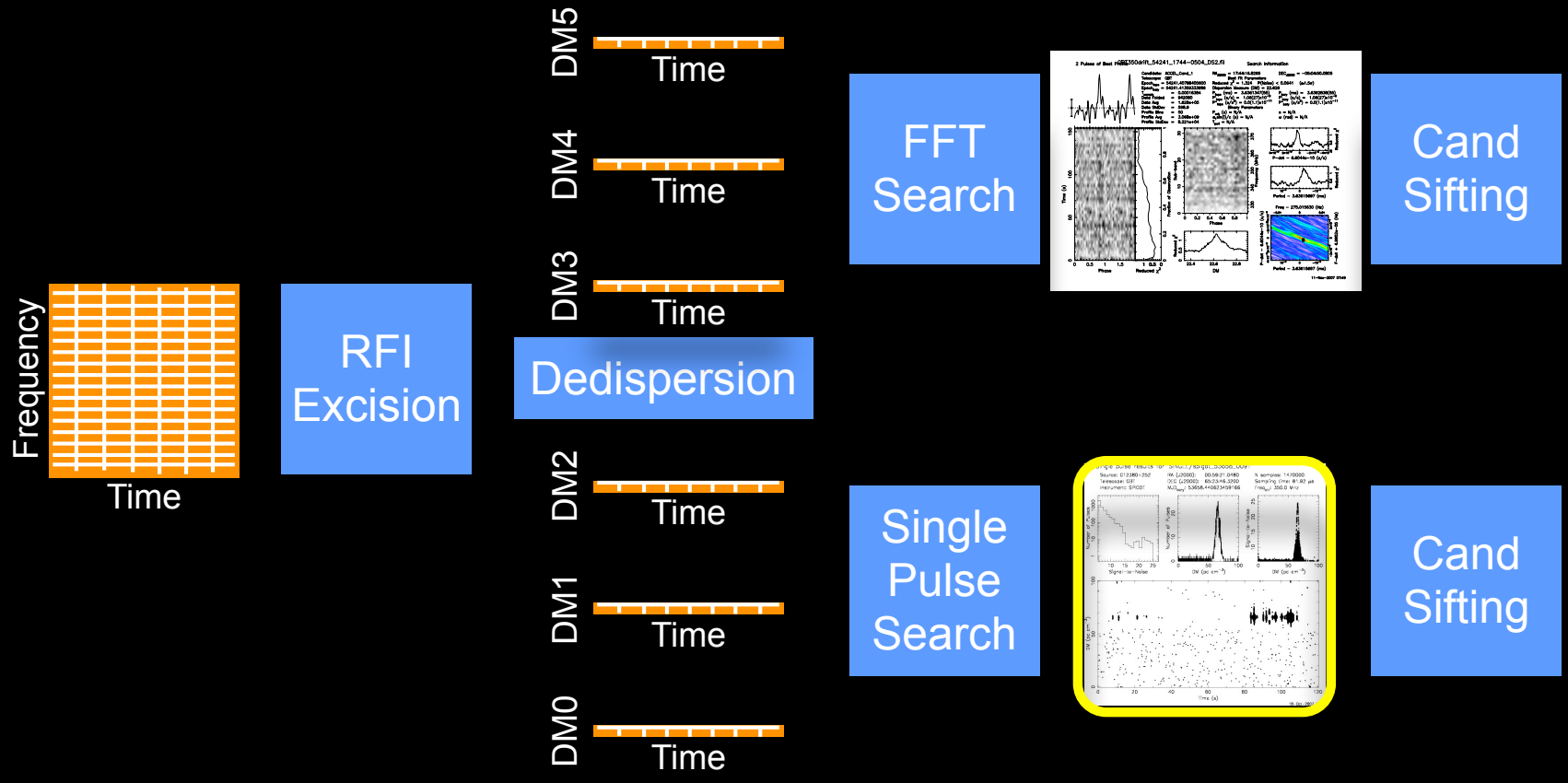


Cand Sifting

FFT (acceleration) searches



Standard Pulsar/Fast Transient Search



Single pulse searches