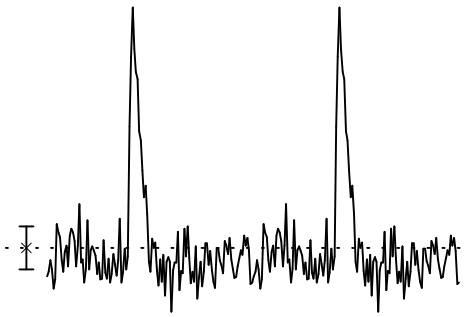
2 Pulses of Best Profile



Search Information

Candidate: PSR_1748−2446ai
Telescope: GBT
$Epoch_{topo}$ = 54781.71856481482
$Epoch_{bary}$ = N/A
T_{sample} = 8.192e−05
Data Folded = 283545600
Data Avg = 5.346e+04
Data StdDev = 197.4
Profile Bins = 128
Profile Avg = 1.184e+11
Profile StdDev = 2.937e+05

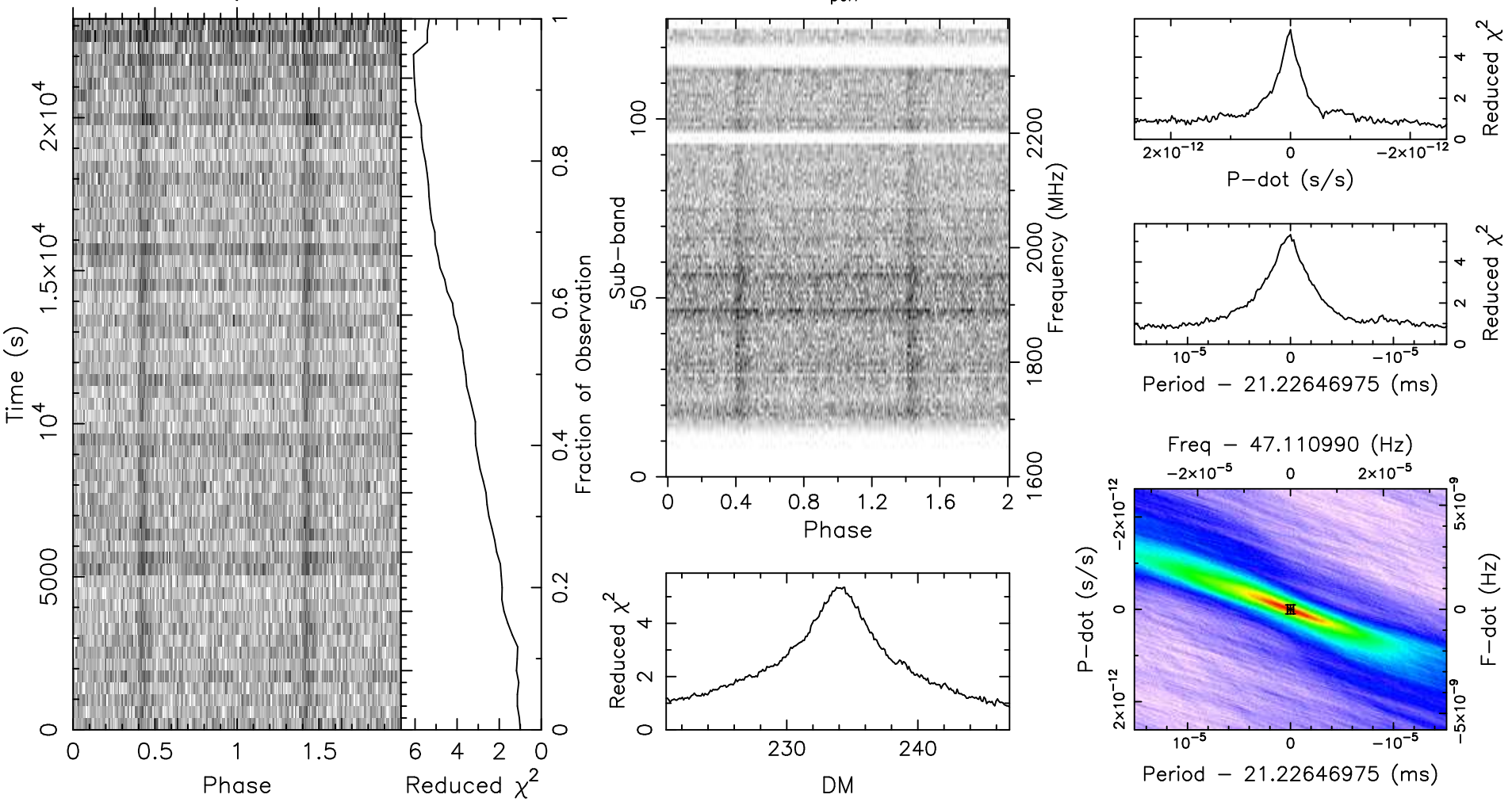
RA_{J2000} = 17:48:04.8000 DEC_{J2000} = −24:46:45.1200

Folding Parameters

Reduced χ^2 = 5.328 P(Noise) < 6.93e−76 (≈18.4σ)
Dispersion Measure (DM) = 233.900
P_{topo} (ms) = 21.22646975(29) P_{bary} (ms) = N/A
P'_{topo} (s/s) = 0.0(9.8)x10^{-14} P'_{bary} (s/s) = N/A
P''_{topo} (s/s^2) = 0.0(2.7)x10^{-17} P''_{bary} (s/s^2) = N/A

Binary Parameters

P_{orb} (s) = N/A e = N/A
$a_1 \sin(i)/c$ (s) = N/A ω (rad) = N/A
T_{peri} = N/A



GUPPI_Ter5_081111_DM238.00.sub000

sransom 1−Sep−2010 11:35