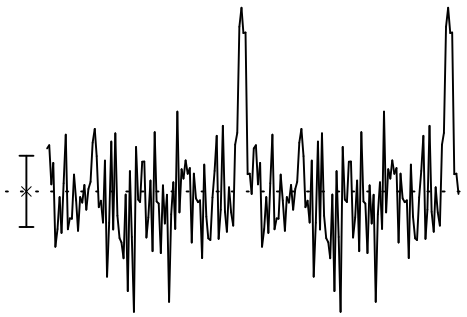
2 Pulses of Best Profile



Search Information

Candidate: 75.66ms_Cand
Telescope: Arecibo
$Epoch_{topo}$ = 55878.86908564815
$Epoch_{bary}$ = 55878.86800474339
T_{sample} = 6.5476e-05
Data Folded = 3909120
Data Avg = 6126
Data StdDev = 83.96
Profile Bins = 100
Profile Avg = 2.394e+08
Profile StdDev = 1.66e+04

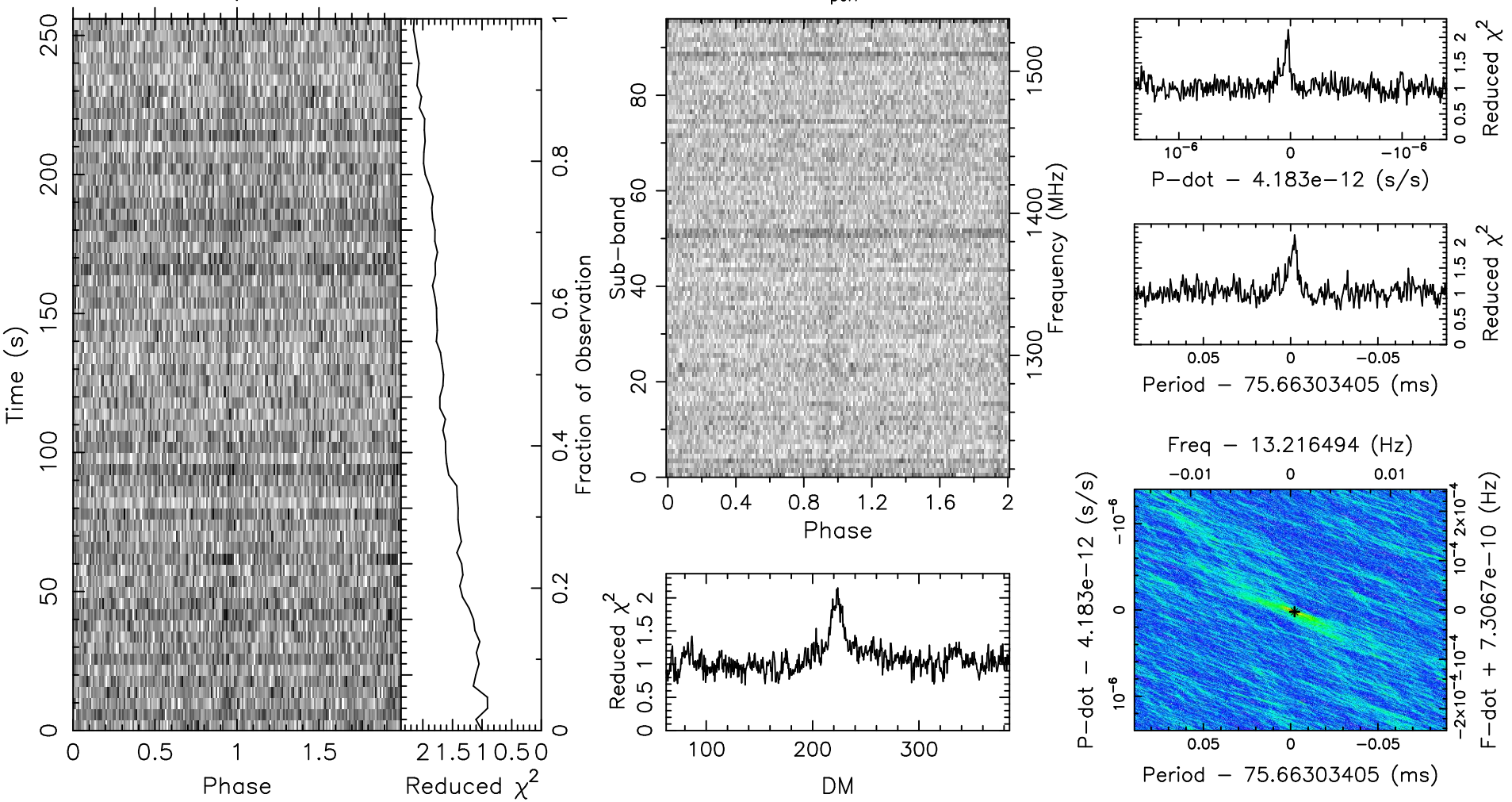
RA_{J2000} = 19:25:31.1688 DEC_{J2000} = 17:21:51.3661

Best Fit Parameters

Reduced χ^2 = 2.148 P(Noise) < 2.73e-10 (≈6.2σ)
Dispersion Measure (DM) = 223.745
P_{topo} (ms) = 75.66080(17) P_{bary} (ms) = 75.65543(17)
P'_{topo} (s/s) = 2.10(50)x10^{-8} P'_{bary} (s/s) = 2.10(50)x10^{-8}
P''_{topo} (s/s^2) = 0.0(1.3)x10^{-10} P''_{bary} (s/s^2) = 0.0(1.3)x10^{-10}

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



4bit-p2030.20111113.C1925+1721_583.b0g0_0001.fits

pulsar 14-Nov-2011 02:14