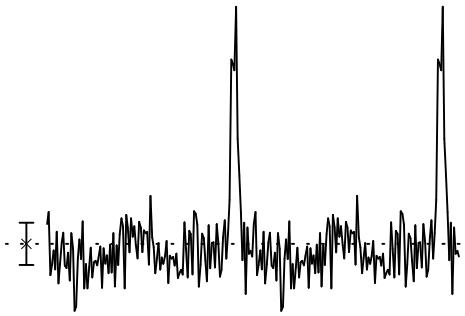
2 Pulses of Best Profile



Search Information

Candidate: 1208.69ms_Cand
Telescope: Arecibo
$Epoch_{topo}$ = 58162.47820134142
$Epoch_{bary}$ = 58162.47842822986
T_{sample} = 8.192e−05
Data Folded = 655360
Data Avg = 4.534e+04
Data StdDev = 460
Profile Bins = 128
Profile Avg = 2.299e+08
Profile StdDev = 3.292e+04

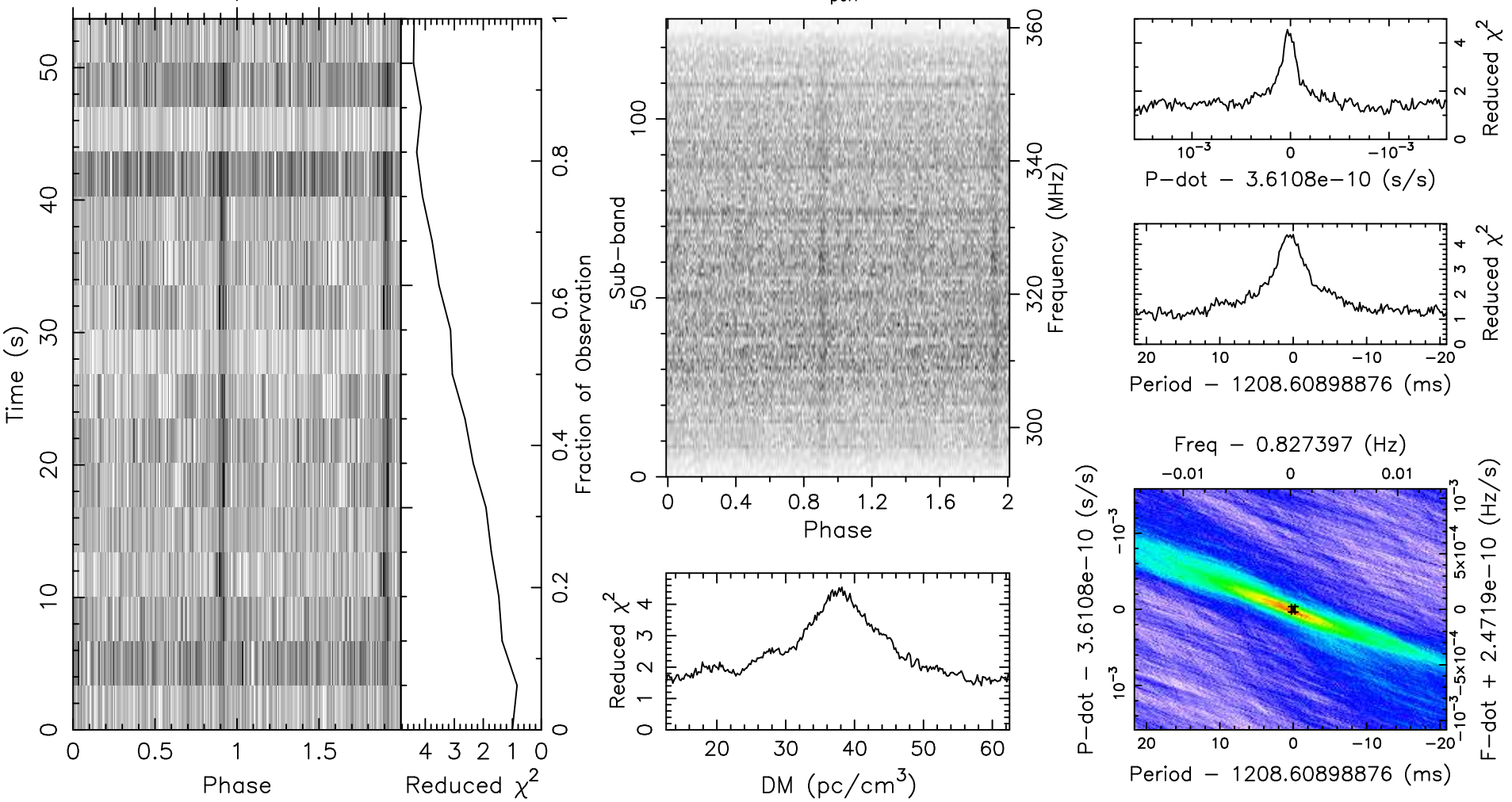
RA_{J2000} = 16:35:08.8800 DEC_{J2000} = 23:31:18.8400

Folding Parameters

DOF_{eff} = 121.91 χ^2_{red} = 4.386 P(Noise) < 4.81e−53 (15.3σ)
Dispersion Measure (DM; pc/cm^3) = 37.568
P_{topo} (ms) = 1208.61(25) P_{bary} (ms) = 1208.69(25)
P'_{topo} (s/s) = 0.0(3.6)x10^{-5} P'_{bary} (s/s) = 0.0(3.6)x10^{-5}
P''_{topo} (s/s^2) = 0.0(4.3)x10^{-6} P''_{bary} (s/s^2) = 0.0(4.3)x10^{-6}

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_puppi_58162_Strip67_0370.0001.D163508+2331.0001.fits

jdeneva 3−Aug−2022 13:16