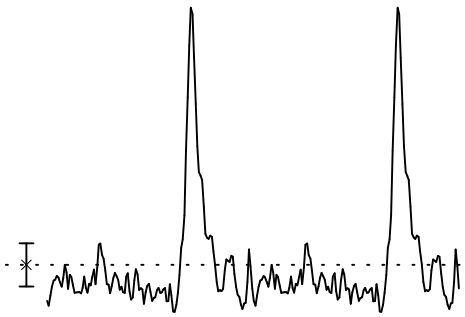
2 Pulses of Best Profile



Search Information

Candidate: 4.81ms_Cand
Telescope: Arecibo
$Epoch_{topo}$ = 57170.45802211265
$Epoch_{bary}$ = 57170.45666044603
T_{sample} = 8.192e−05
Data Folded = 524288
Data Avg = 3.454e+04
Data StdDev = 357.3
Profile Bins = 128
Profile Avg = 1.415e+08
Profile StdDev = 2.287e+04

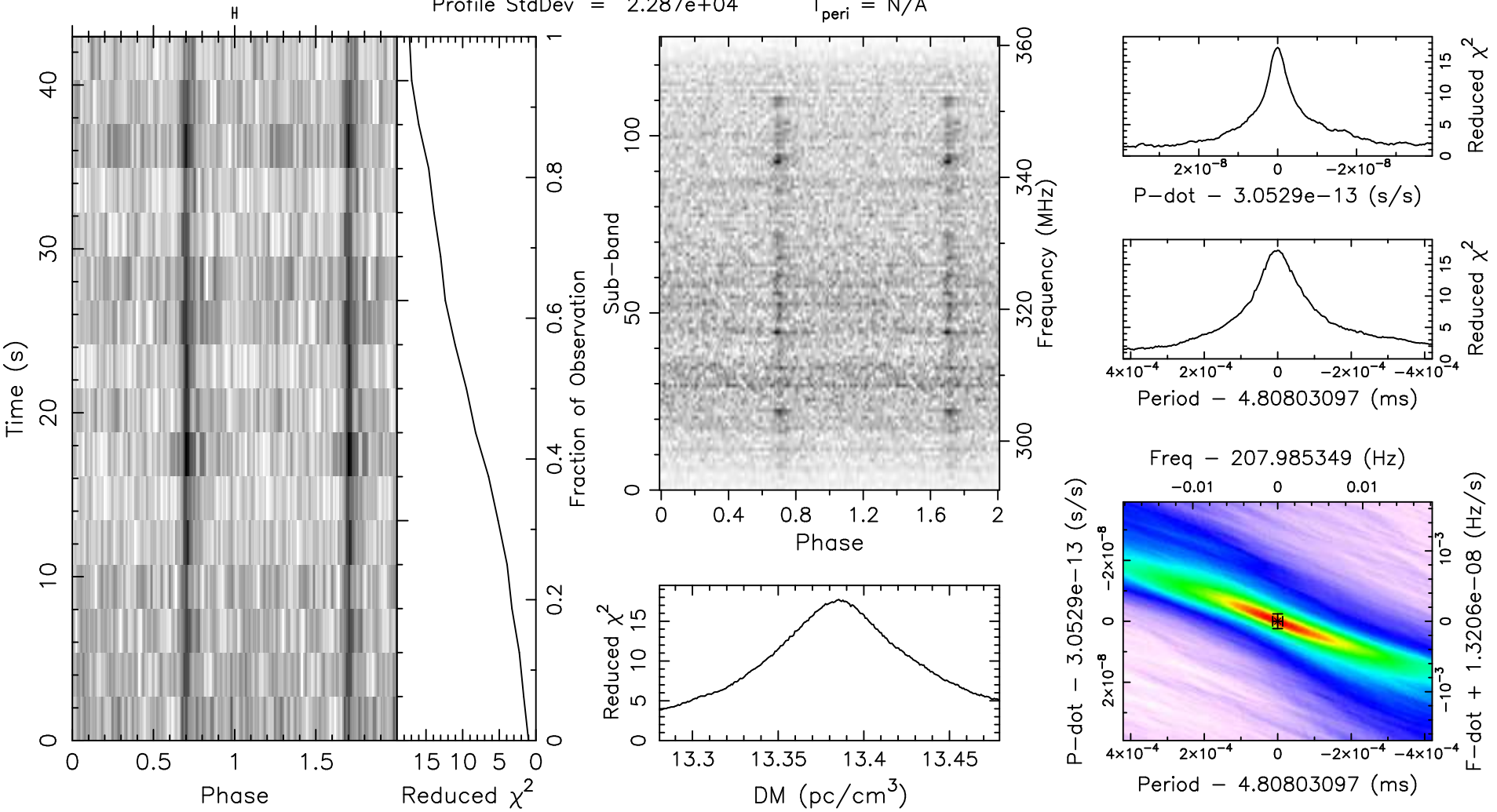
RA_{J2000} = 23:22:22.0800 DEC_{J2000} = 20:56:08.5200

Folding Parameters

DOF_{eff} = 49.53 χ^2_{red} = 17.264 P(Noise) < 2.65e−147 (25.8σ)
Dispersion Measure (DM; pc/cm^3) = 13.380
P_{topo} (ms) = 4.808031(13) P_{bary} (ms) = 4.808428(13)
P'_{topo} (s/s) = 0.0(2.4)x10^{-9} P'_{bary} (s/s) = 0.0(2.4)x10^{-9}
P''_{topo} (s/s^2) = 0.0(3.7)x10^{-10} P''_{bary} (s/s^2) = 0.0(3.7)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_puppi_57170_Strip80_1357.0001.D232222+2056.0001.fits

jdeneva 3−Aug−2022 14:07