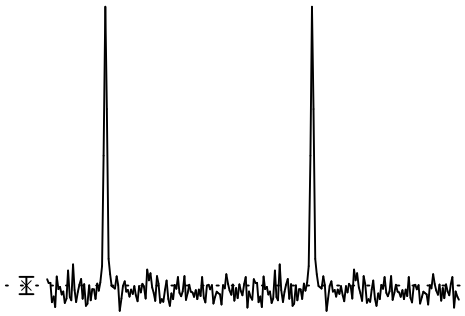
2 Pulses of Best Profile



Search Information

Candidate: 582.13ms_Cand
Telescope: Arecibo
$Epoch_{topo}$ = 58045.91978427683
$Epoch_{bary}$ = 58045.92092713072
T_{sample} = 8.192e−05
Data Folded = 655360
Data Avg = 4.935e+04
Data StdDev = 505.3
Profile Bins = 128
Profile Avg = 2.521e+08
Profile StdDev = 3.616e+04

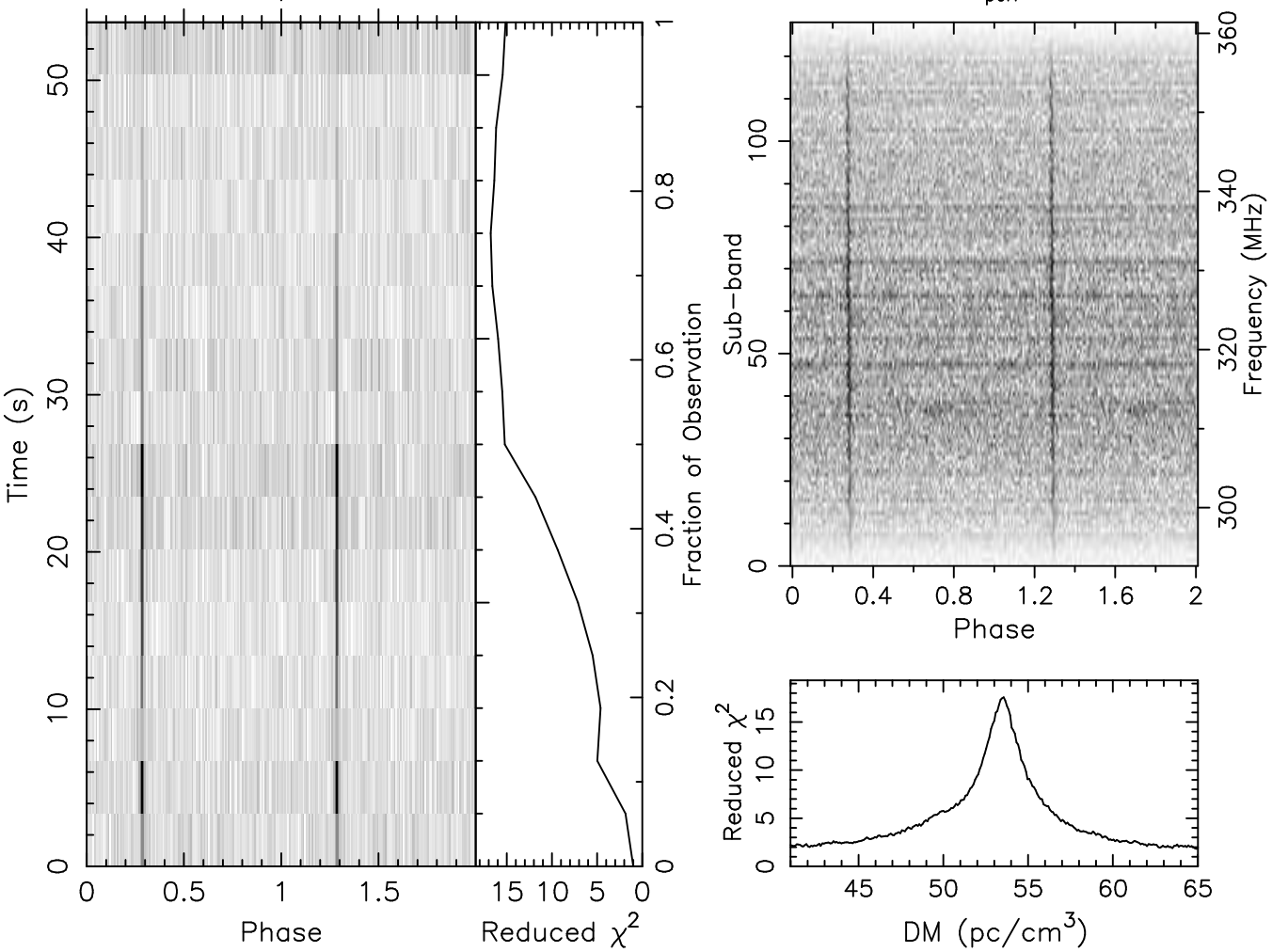
RA_{J2000} = 19:31:31.9200 DEC_{J2000} = 30:29:22.9200

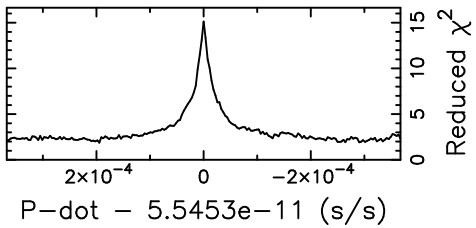
Folding Parameters

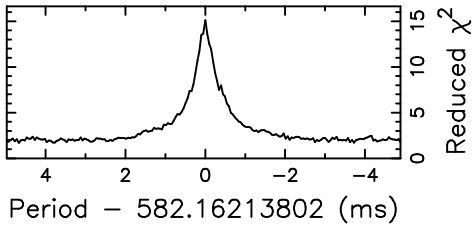
DOF_{eff} = 121.87 χ^2_{red} = 15.126 P(Noise) ~ 0 (37.3σ)
Dispersion Measure (DM; pc/cm^3) = 53.000
P_{topo} (ms) = 582.162(33) P_{bary} (ms) = 582.126(33)
P'_{topo} (s/s) = 0.0(4.8)x10^{-6} P'_{bary} (s/s) = 0.0(4.8)x10^{-6}
P''_{topo} (s/s^2) = 0.0(5.8)x10^{-7} P''_{bary} (s/s^2) = 0.0(5.8)x10^{-7}

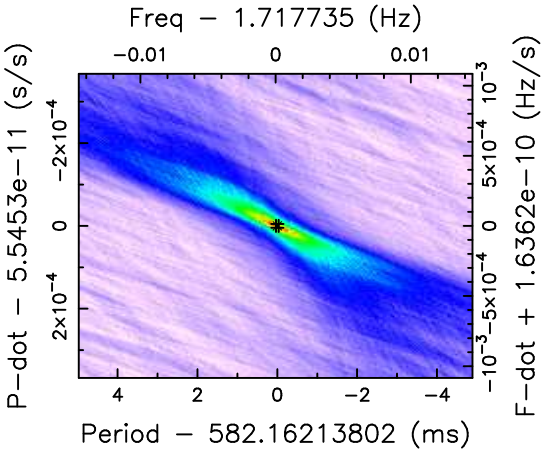
Binary Parameters

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_58045_Strip209_0397.0001.D193131+3029.0001.fits

jdeneva 3−Aug−2022 13:42