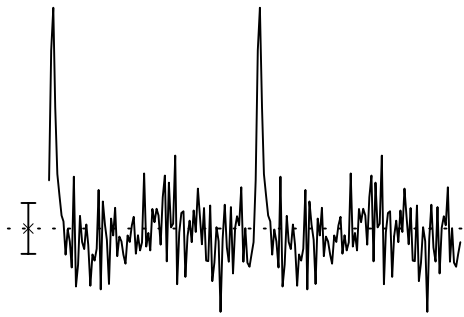


2 Pulses of Best Profile



Candidate: 1.58Hz\_Cand  
 Telescope: Arecibo  
 Epoch<sub>topo</sub> = 56262.77384257813  
 Epoch<sub>bary</sub> = 56262.77042476972  
 T<sub>sample</sub> = 6.5476e-05  
 Data Folded = 3909120  
 Data Avg = 8.78e+04  
 Data StdDev = 495.4  
 Profile Bins = 100  
 Profile Avg = 3.429e+09  
 Profile StdDev = 9.794e+04

Search Information

RA<sub>J2000</sub> = 18:57:33.9536      DEC<sub>J2000</sub> = 02:08:39.0428  
 Best Fit Parameters  
 Reduced  $\chi^2$  = 2.877      P(Noise) < 6.92e-20 ( $\approx 9.1\sigma$ )  
 Dispersion Measure (DM; pc/cm<sup>3</sup>) = 776.869  
 P<sub>topo</sub> (ms) = 630.971(12)      P<sub>bary</sub> (ms) = 630.937(12)  
 P'<sub>topo</sub> (s/s) = 4.9(3.5)x10<sup>-7</sup>      P'<sub>bary</sub> (s/s) = 4.9(3.5)x10<sup>-7</sup>  
 P''<sub>topo</sub> (s/s<sup>2</sup>) = 0.0(8.9)x10<sup>-9</sup>      P''<sub>bary</sub> (s/s<sup>2</sup>) = 0.0(8.9)x10<sup>-9</sup>  
 Binary Parameters  
 P<sub>orb</sub> (s) = N/A      e = N/A  
 a<sub>1</sub>sin(i)/c (s) = N/A       $\omega$  (rad) = N/A  
 T<sub>peri</sub> = N/A

