ER2201 Session Delay Closures

October 14, 2024

The figures below show closure delay distributions over 5.5 hours and histograms of absolute magnitudes for the multi-band and single-band delays and their residuals.

The closure delay calculations of the total multi-band and single-band delays (the two last Figs.) obviously fail.

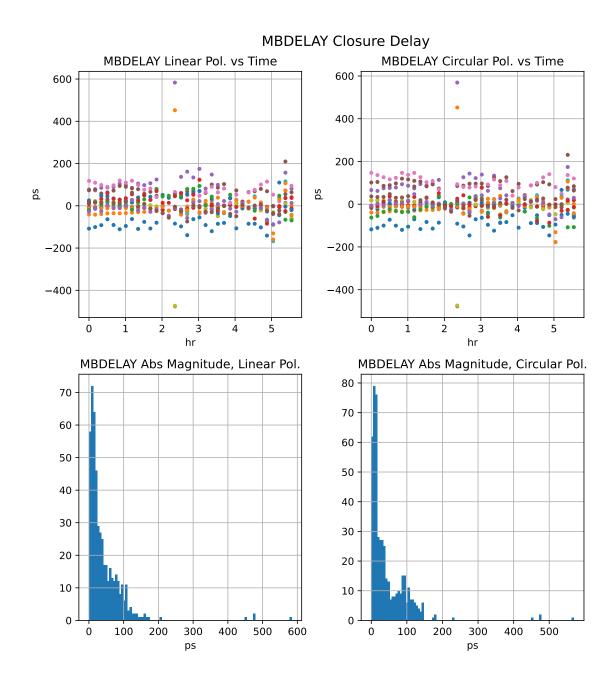


Figure 1: MBDELAY closure delay distributions over 5.5 hours and histograms of their absolute magnitudes.

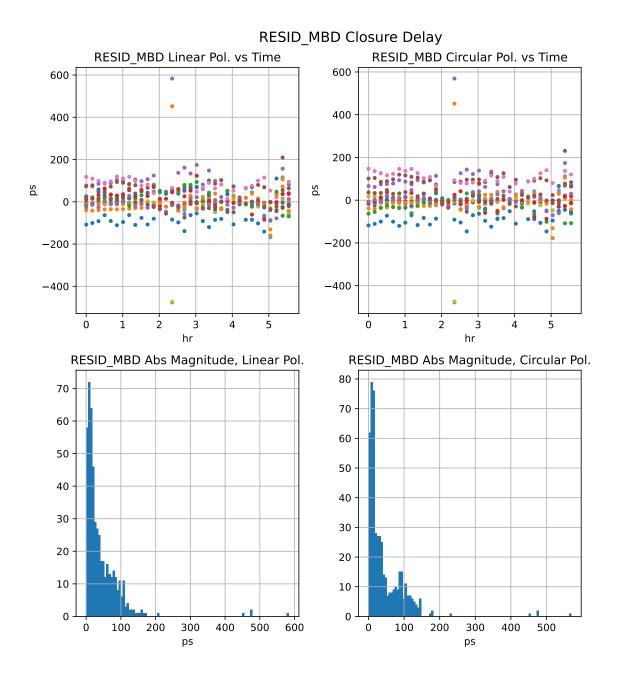


Figure 2: Residual MBDELAY closure delay distributions over 5.5 hours and histograms of their absolute magnitudes.

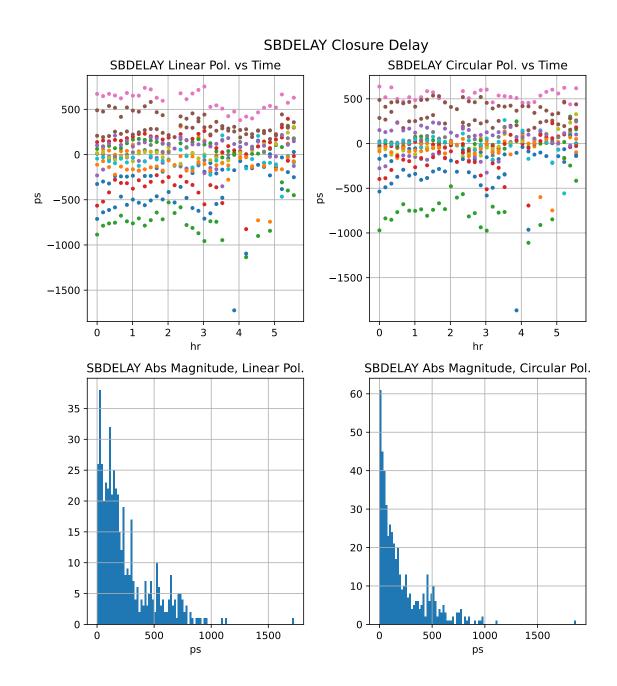


Figure 3: SBDELAY closure delay distributions over 5.5 hours and histograms of their absolute magnitudes.

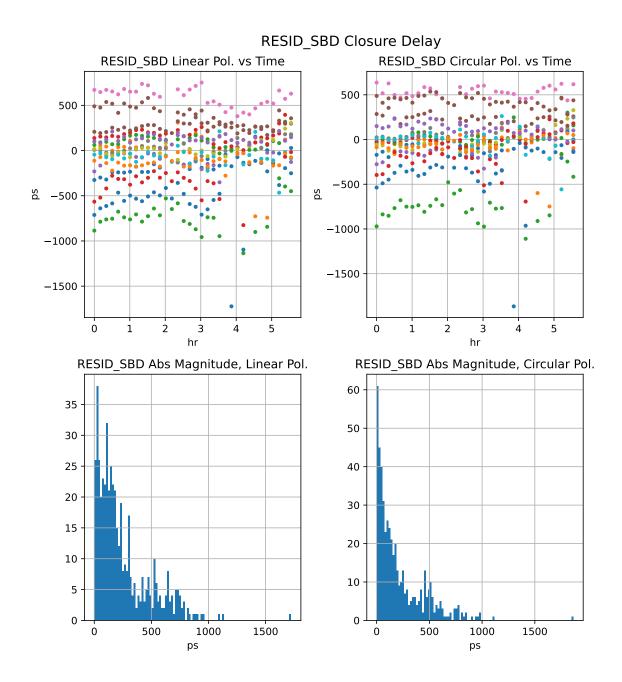


Figure 4: Residual SBDELAY closure delay distributions over 5.5 hours and histograms of their absolute magnitudes.

TOT_MBD Closure Delay _{1e9} TOT_MBD Linear Pol. vs Time _{1e9}TOT_MBD Circular Pol. vs Time 0.6 0.6 0.4 0.4 0.2 0.2 0.0 <u>S</u> −0.2 <mark>성</mark> -0.2 -0.4-0.4-0.6-0.6-0.8-0.8-1.0-1.03 hr hr TOT_MBD Abs Magnitude, Linear Pol. TOT_MBD Abs Magnitude, Circular Pol. 200 200 150 150 100 100 50 50 0

Figure 5: Total MBDELAY closure delay distributions over 5.5 hours and histograms of their absolute magnitudes.

1e8

2

4

ps

8

1e8

6

0

8

6

2

4

ps

TOT_SBD Closure Delay

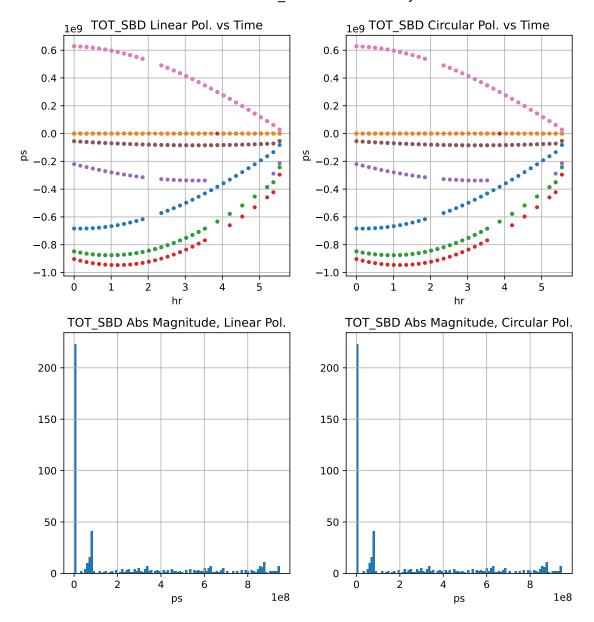


Figure 6: Total SBDELAY closure delay distributions over 5.5 hours and histograms of their absolute magnitudes.