ER2201 Session Delay Closures

October 21, 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.

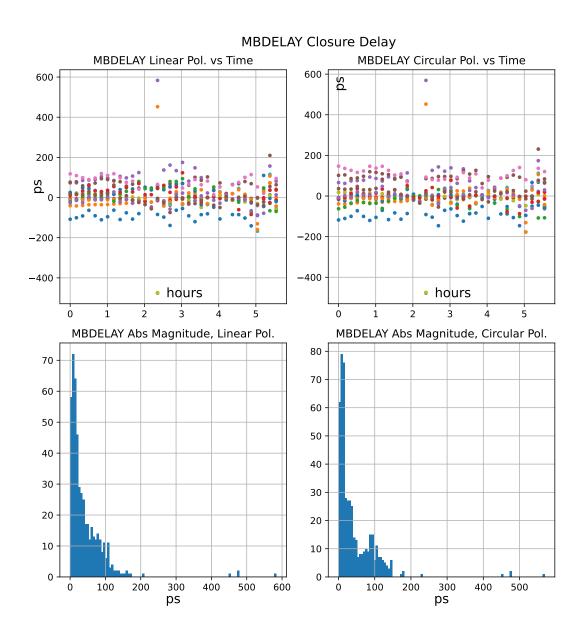


Figure 1: MBDELAY closure delay distributions over 5.5 hours and histograms of their absolute magnitudes.

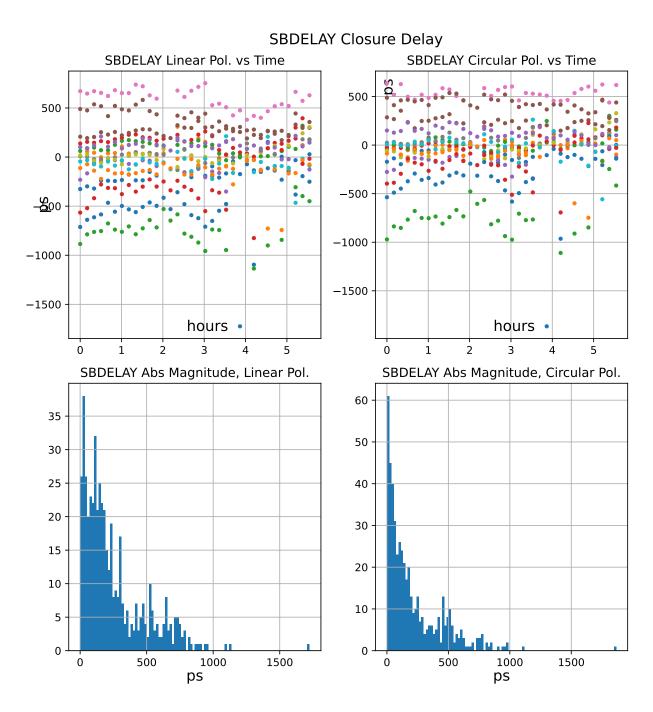


Figure 2: SBDELAY closure delay distributions over 5.5 hours and histograms of their absolute magnitudes.

_{1e9} TOT_MBD Linear Pol. vs Time _{1e9} TOT_MBD Circular Pol. vs Time 0.4 0.4 0.2 0.2 0.0 <u>S</u> −0.2 <u>8</u> −0.2 -0.4-0.4-0.6-0.6-0.8-0.8 -1.0 --1.05 5 2 4 0 3 4 3 TOT_MBD Abs Magnitude, Linear Pol. TOT_MBD Abs Magnitude, Circular Pol. 200 200 150 150 100 100 50 50 0 0 2 2 8 4 8 6 4 1e8 1e8 ps ps

TOT_MBD Closure Delay

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

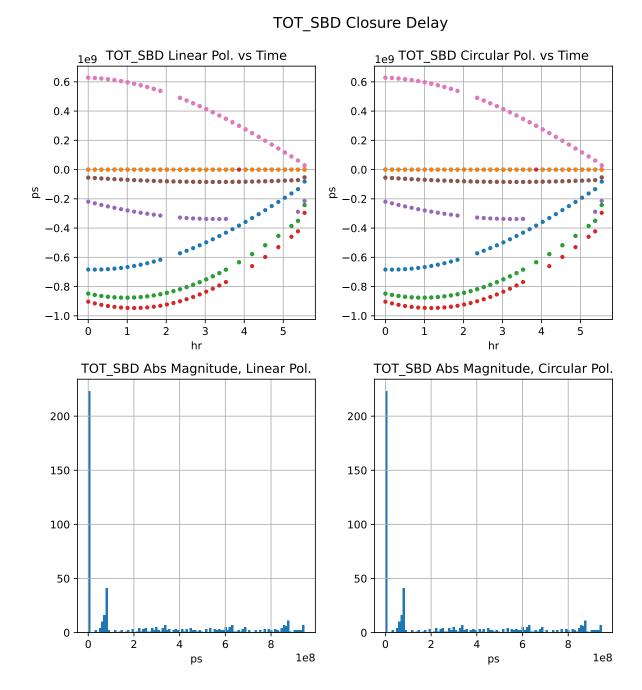


Figure 4: Total SBDELAY closure delay distributions over 5.5 hours and histograms of their absolute magnitudes.