



TIC 25155310 DATA VALIDATION REPORT

This document is generated by the PATOSO report generator (<https://github.com/PlanetHunters/patoso>). The target star this document focuses on is the TIC 25155310.

RA (deg)	Dec (deg)	V (mag)	J (mag)	H (mag)	K (mag)
4:13:29.75	-69:13:36.56	-	-	-	-

Table 1: The proposed target parameters.

T0 (d)	Period (d)	Duration (h)	Depth (ppt)
1327.51	3.2899	3.32	6.082

Table 2: The candidate parameters.

TIC 25155310 Transits depth analysis $T_0=1327.51$ $P=3.29$ d

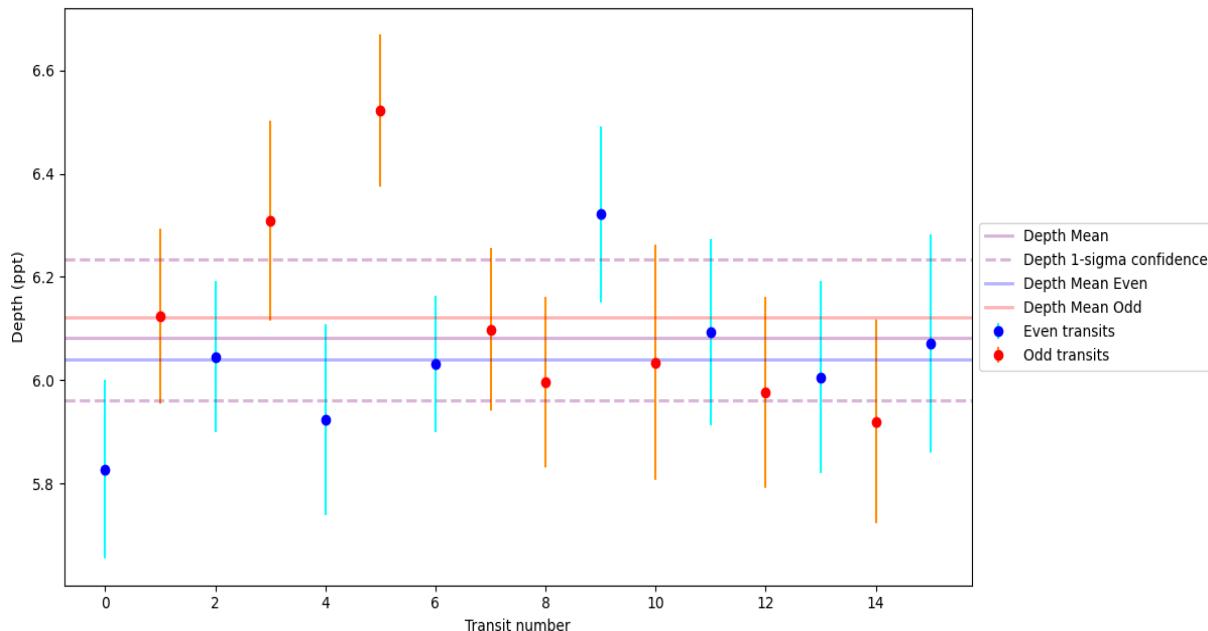


Figure 1: The candidate single-transits depths plot.



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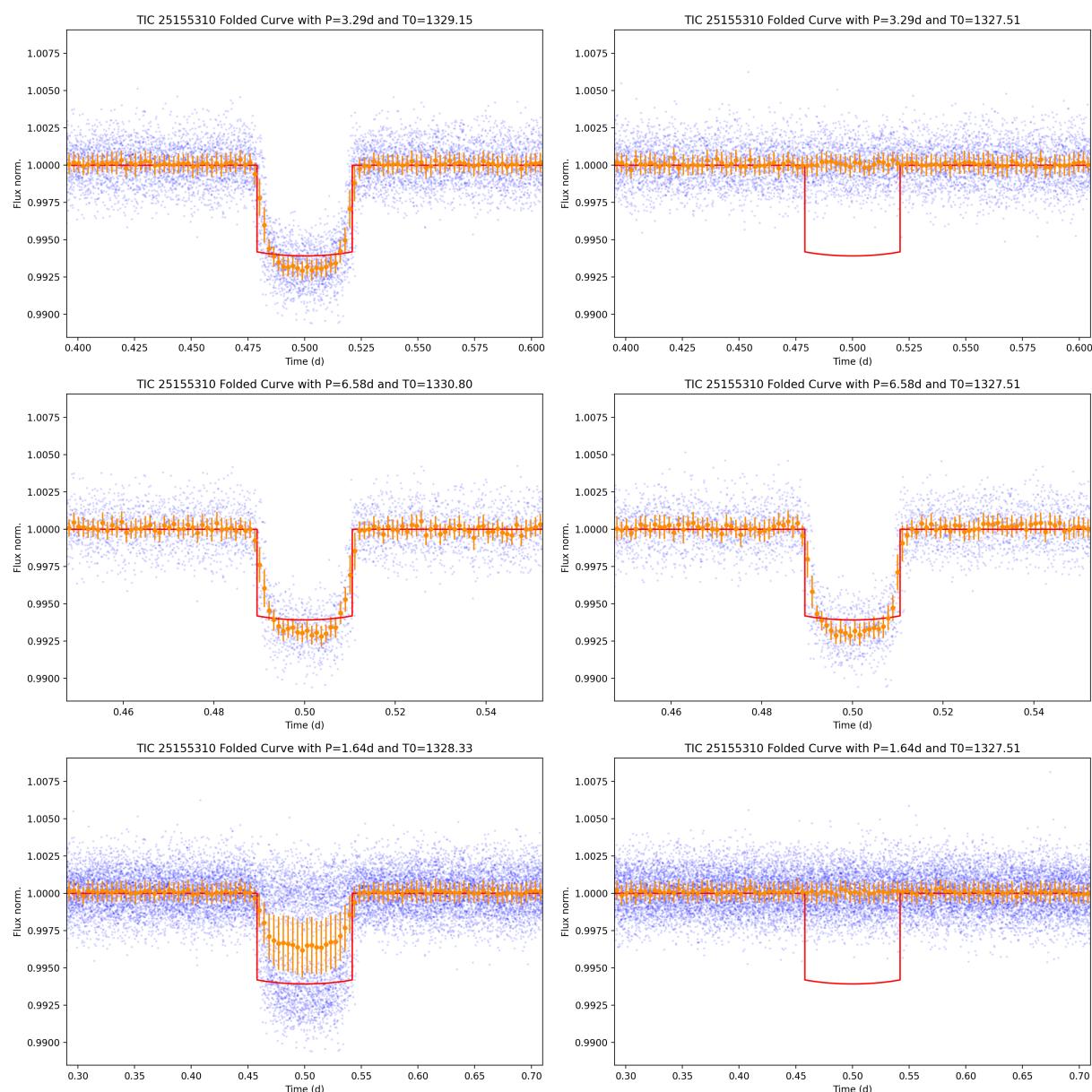


Figure 2: The candidate folded curve at T_0 and its opposite for the selected period and its first harmonic and subharmonic.

The next pages will contain each of the single-transits vetting sheets with the next information:

1. **TOP-LEFT:** Plot with single transit photometry found in the analyzed curve (with momentum dumps, if any).
2. **TOP-CENTER:** Plot with X-axis data drift (X-axis motion vs X-axis centroid offset) around the transit times.
3. **TOP-RIGHT:** Plot with Y-axis data drift (Y-axis motion vs Y-axis centroid offset) around the transit times.
4. **CENTER-LEFT:** Plot with SAP for used aperture vs SAP for smaller aperture around the transit times.
5. **CENTER-CENTER:** Plot with smaller aperture over used aperture on the target.
6. **CENTER-RIGHT:** Plot with single transit photometry found in the analyzed curve around the transit times.
7. **BOTTOM:** Plot TPF flux measurements for each pixel around the transit times.



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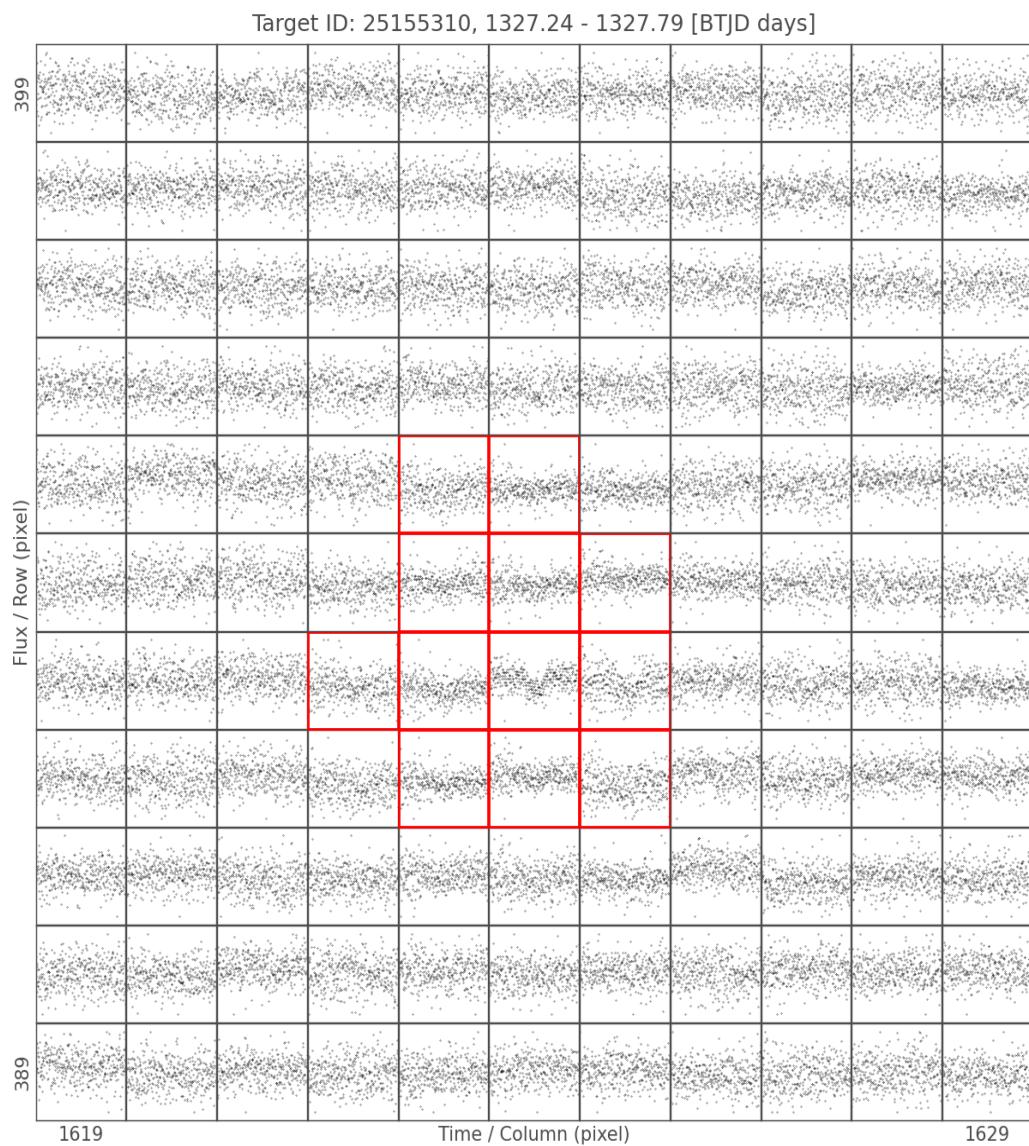
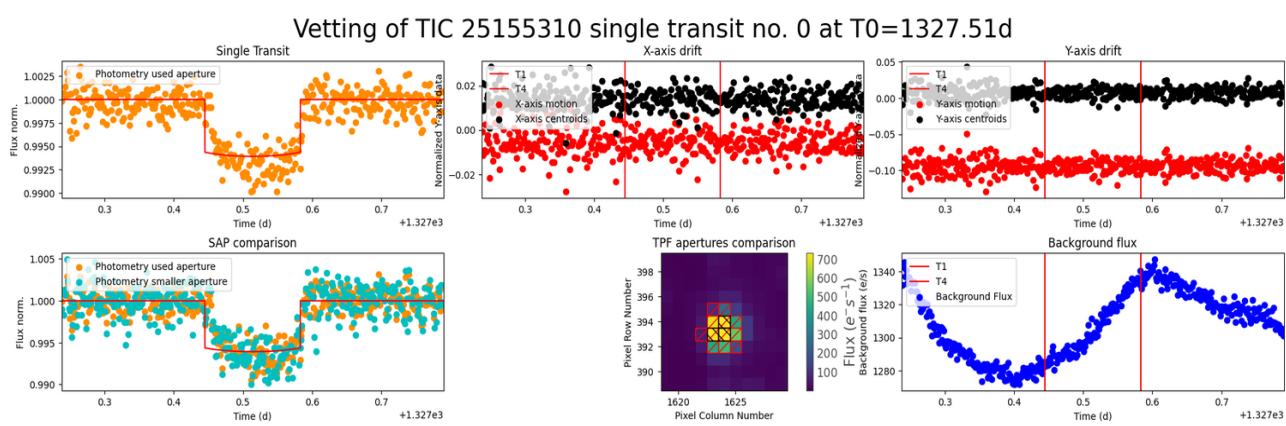


Figure 3: The single transit no. 0 vetting plots



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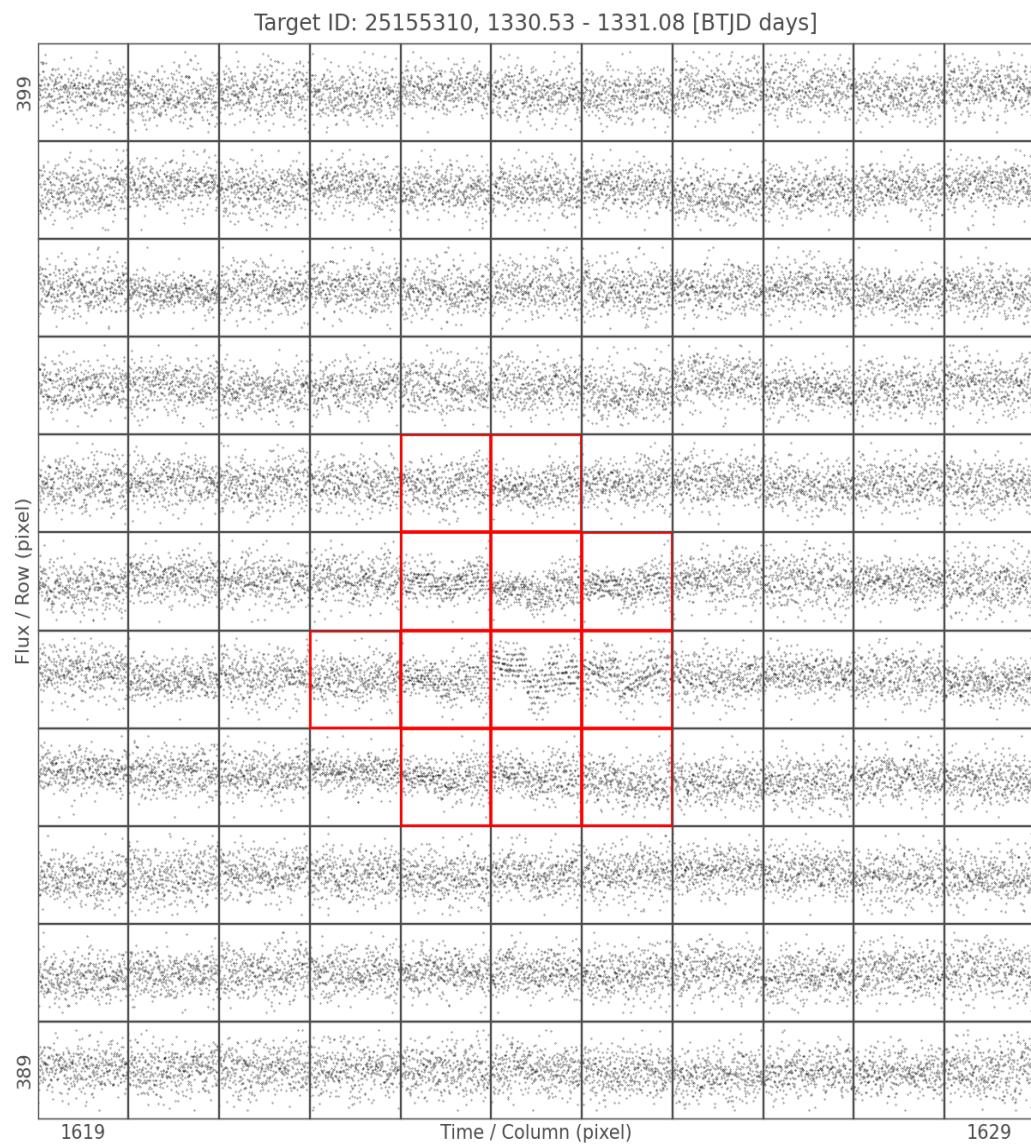
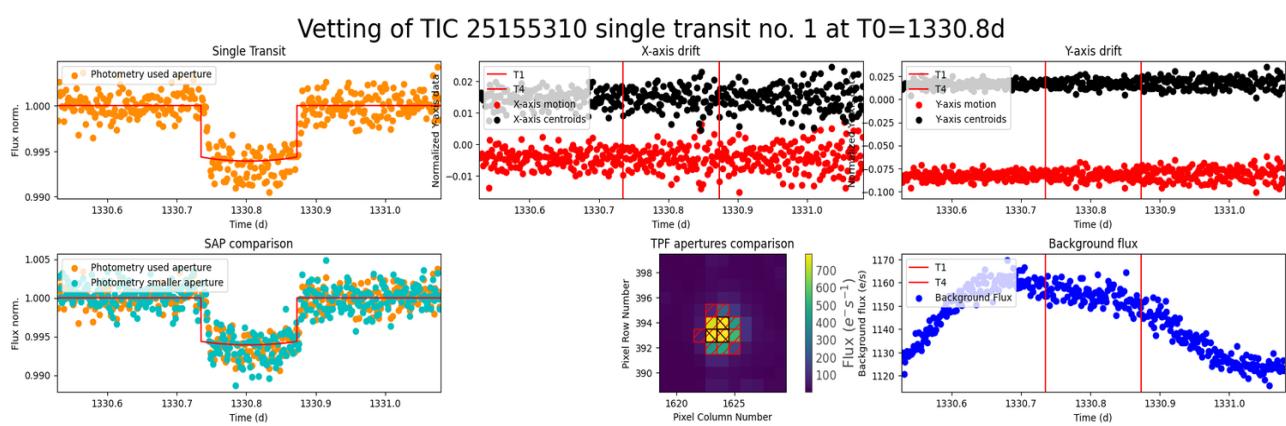


Figure 4: The single transit no. 1 vetting plots



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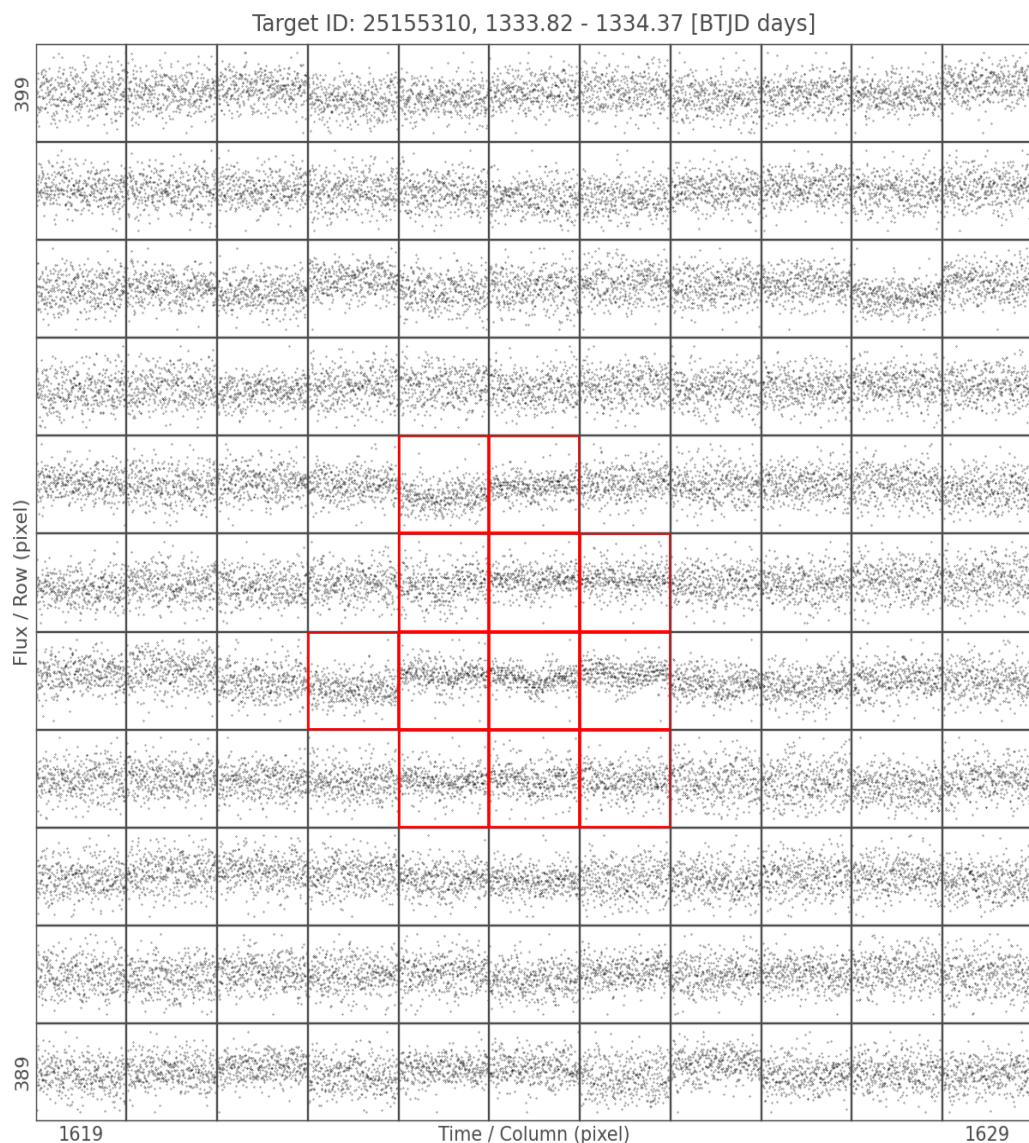
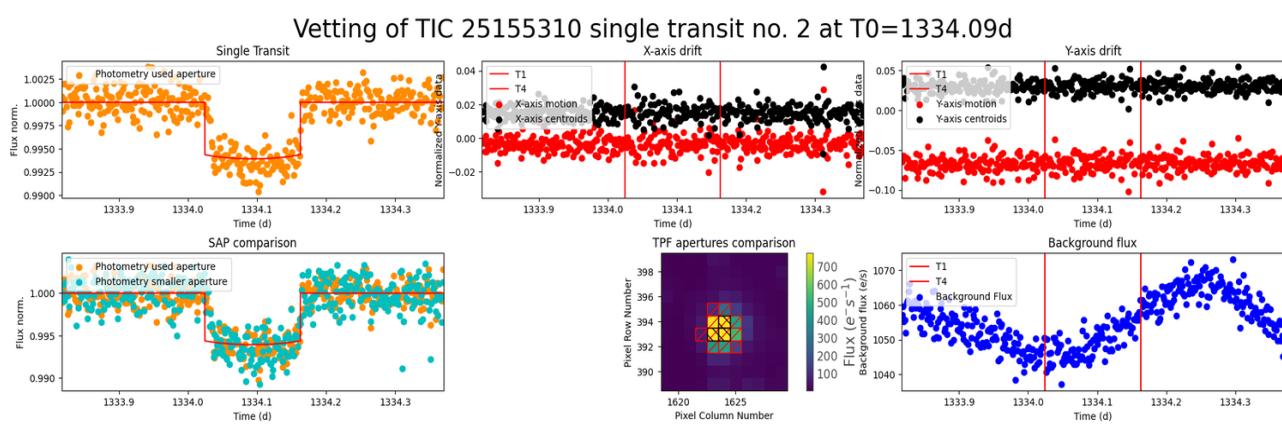


Figure 5: The single transit no. 2 vetting plots



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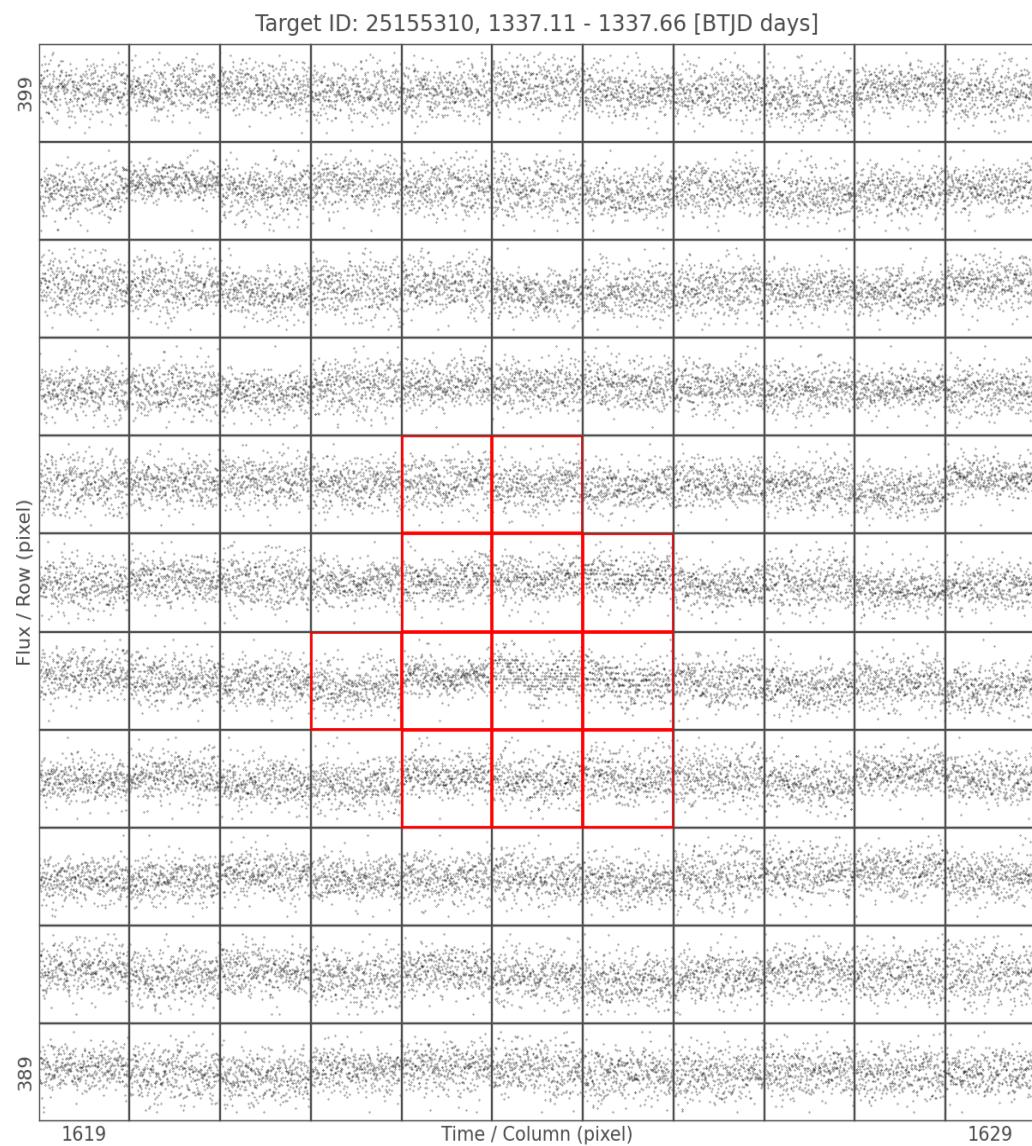
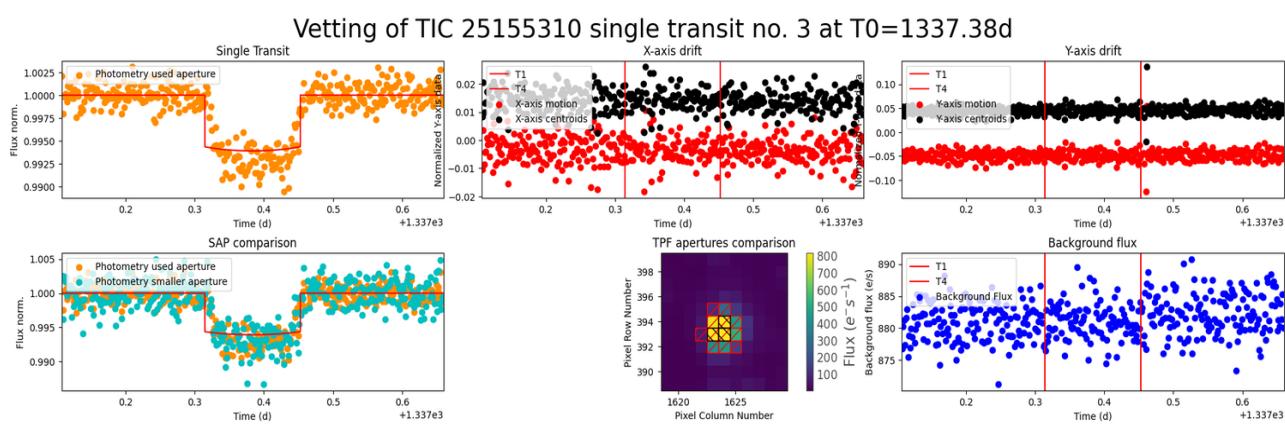


Figure 6: The single transit no. 3 vetting plots



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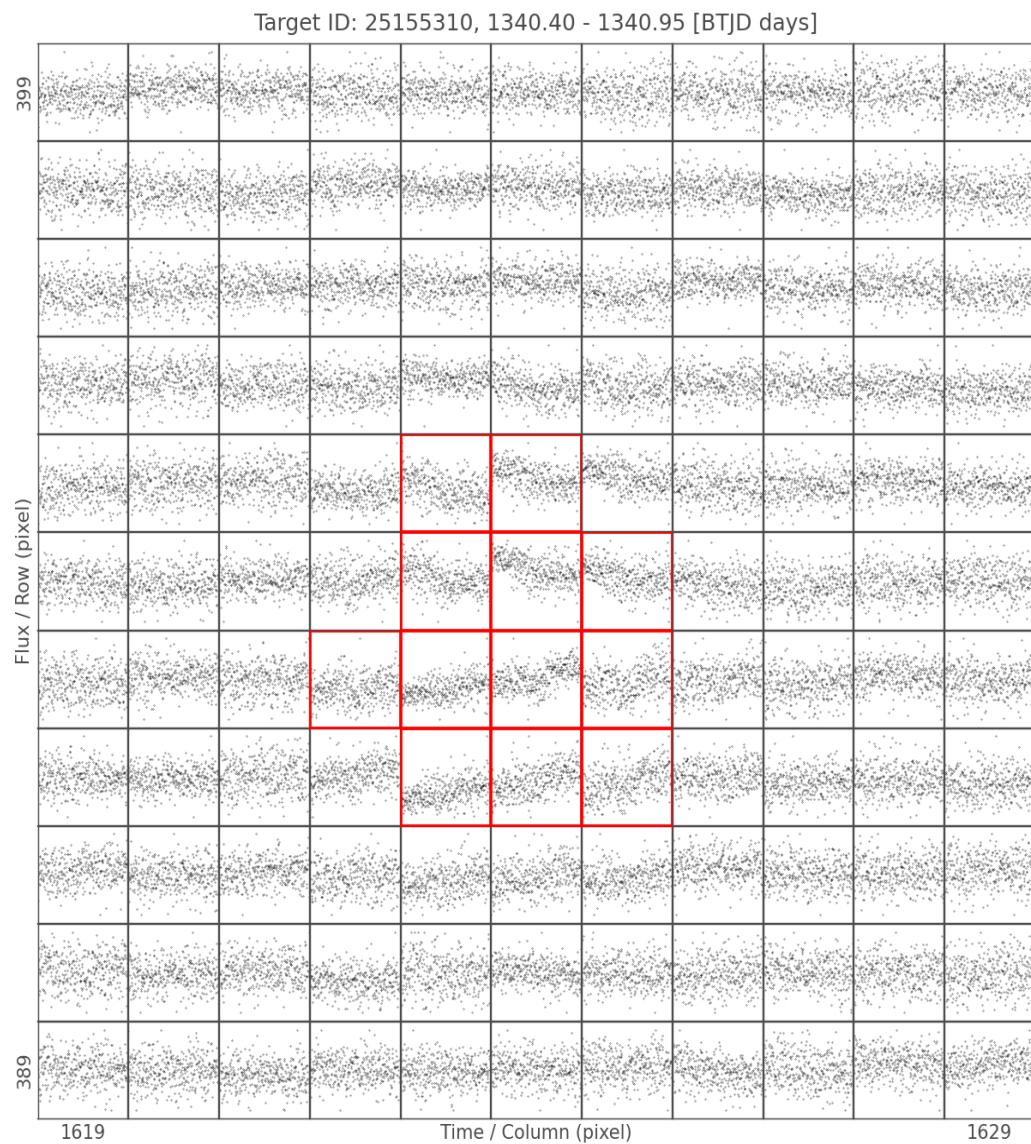
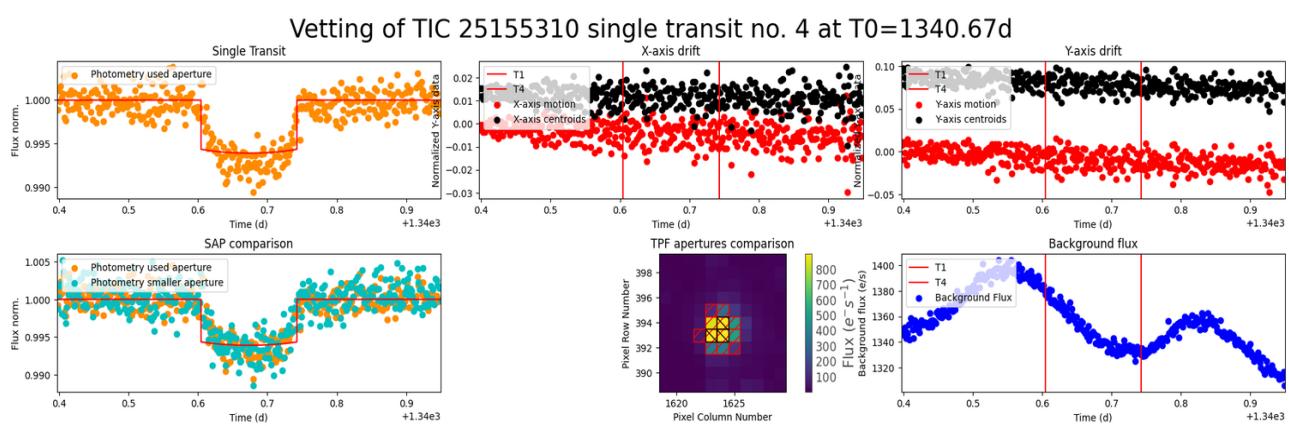


Figure 7: The single transit no. 4 vetting plots



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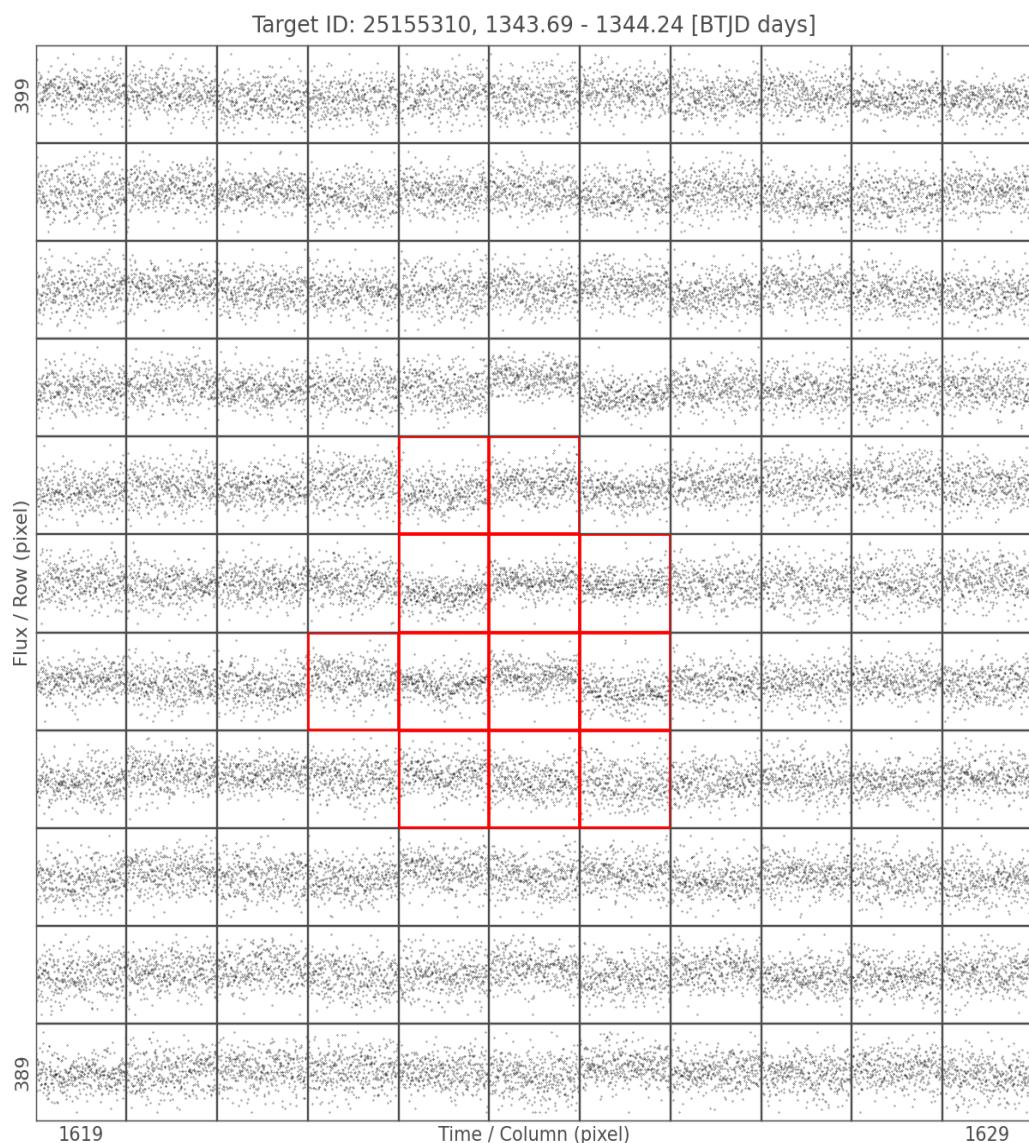
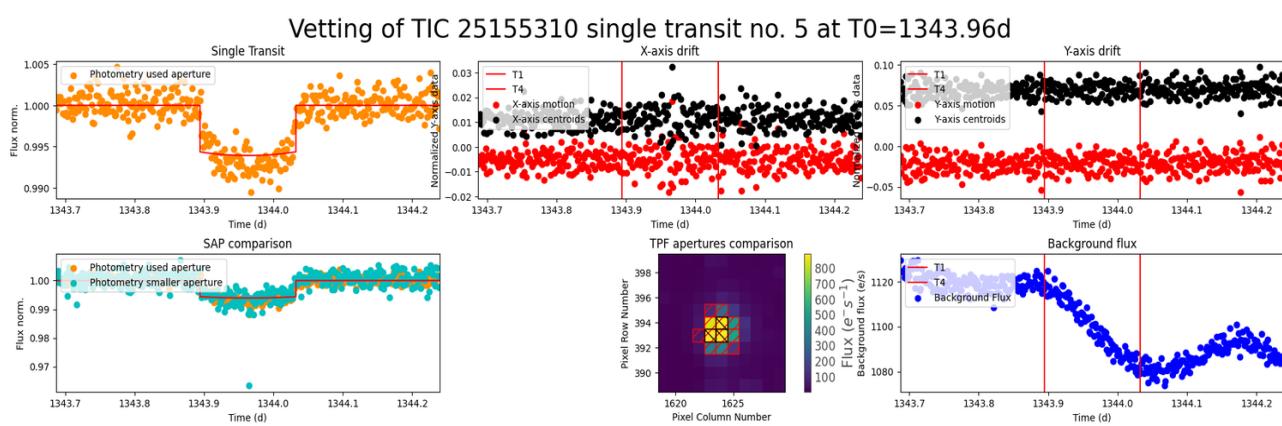


Figure 8: The single transit no. 5 vetting plots



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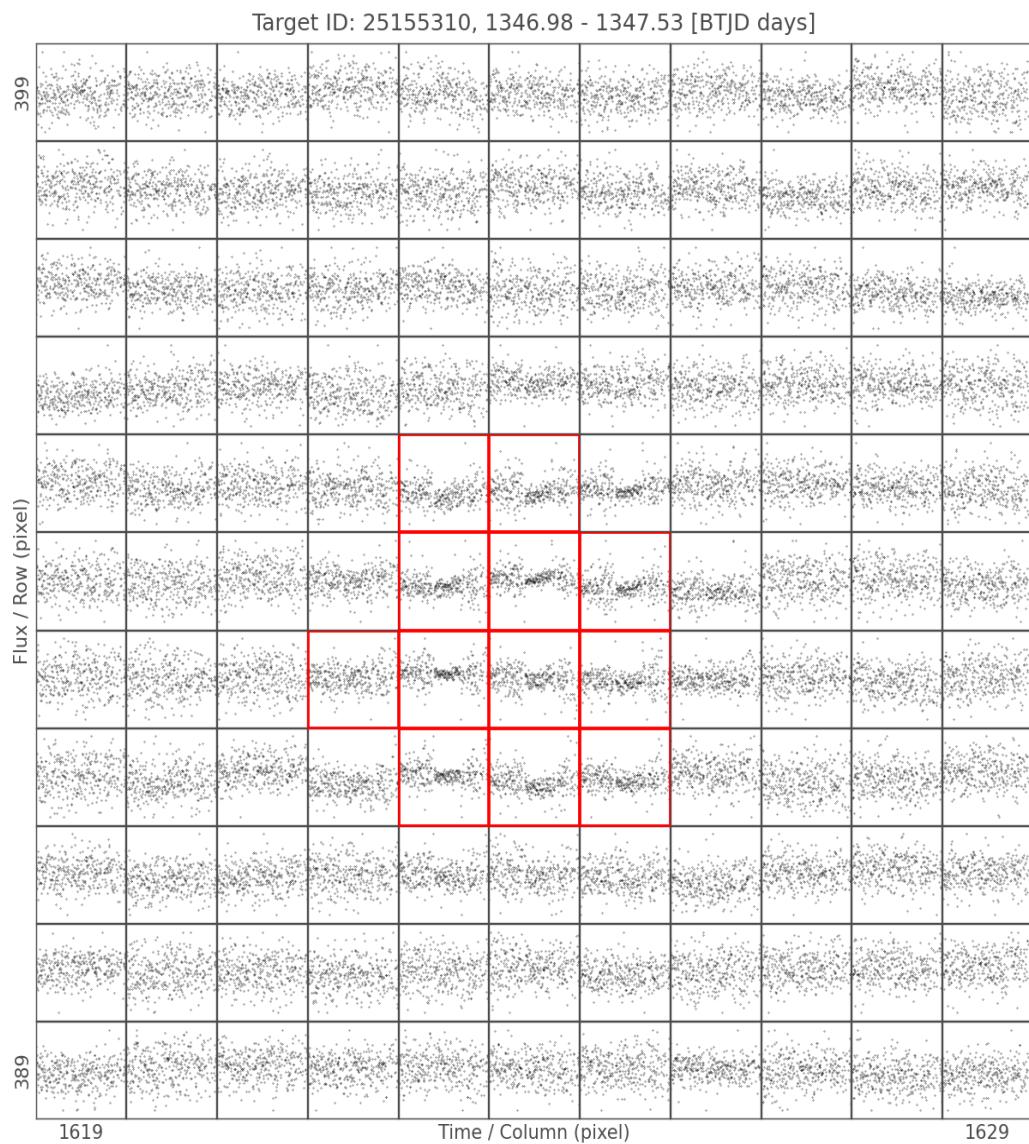
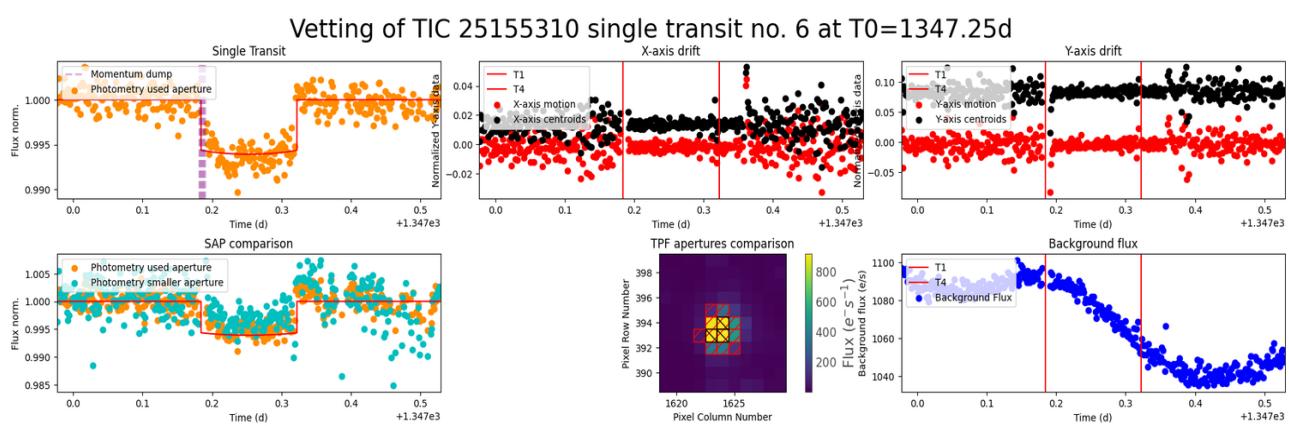


Figure 9: The single transit no. 6 vetting plots



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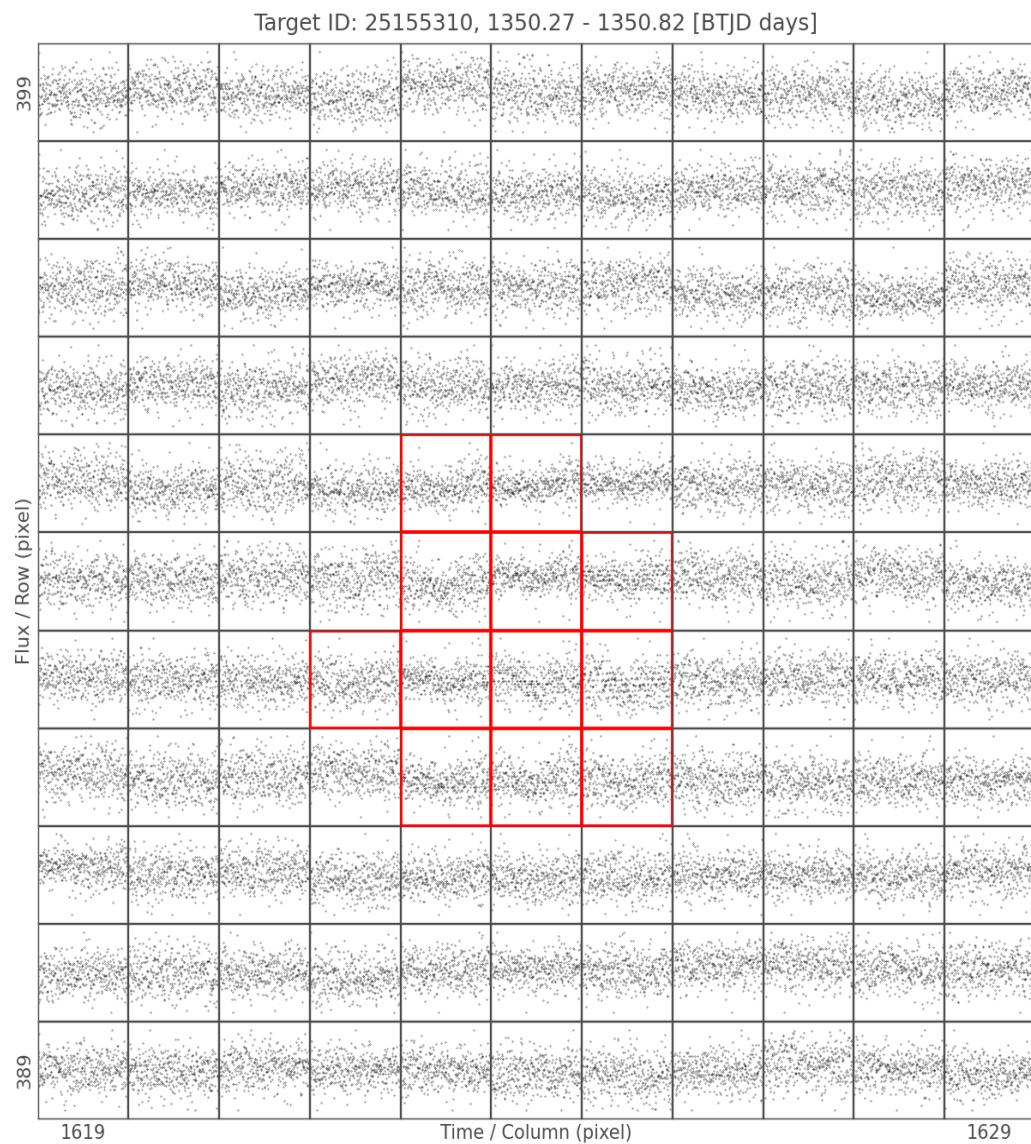
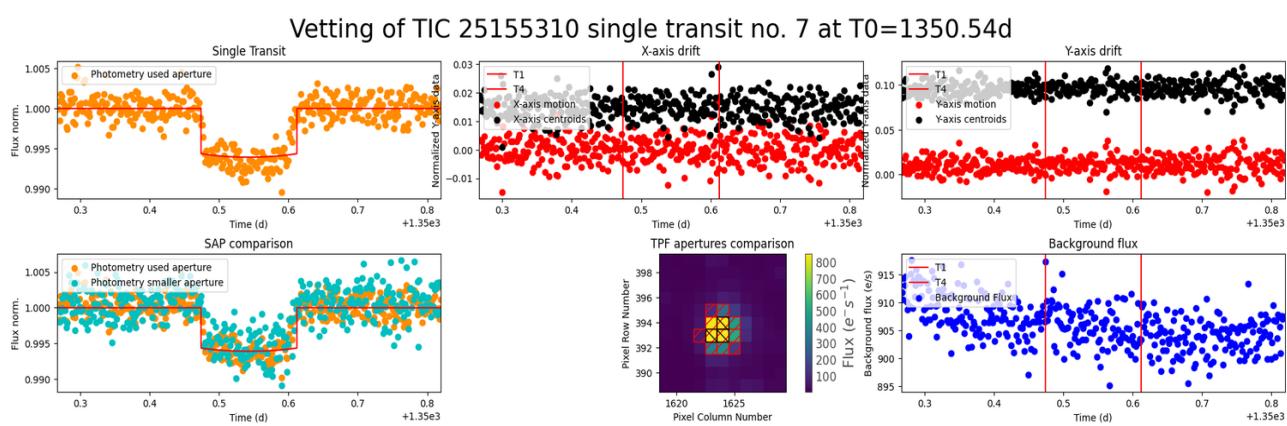


Figure 10: The single transit no. 7 vetting plots



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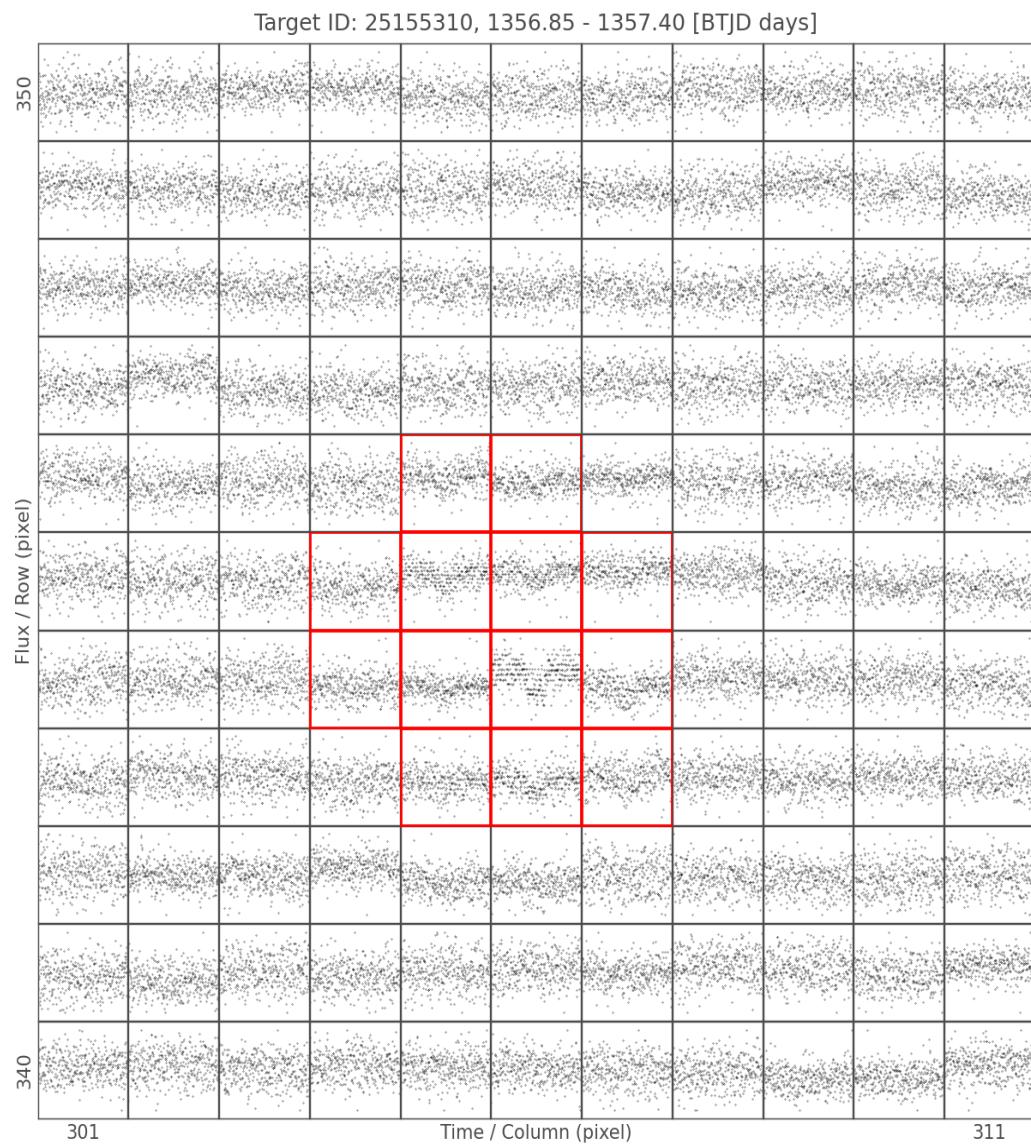
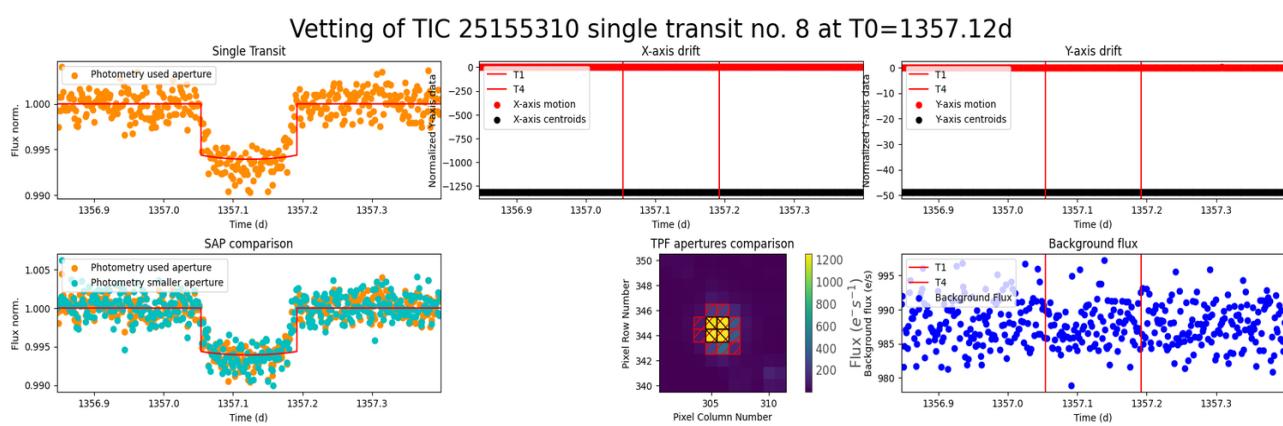


Figure 11: The single transit no. 8 vetting plots



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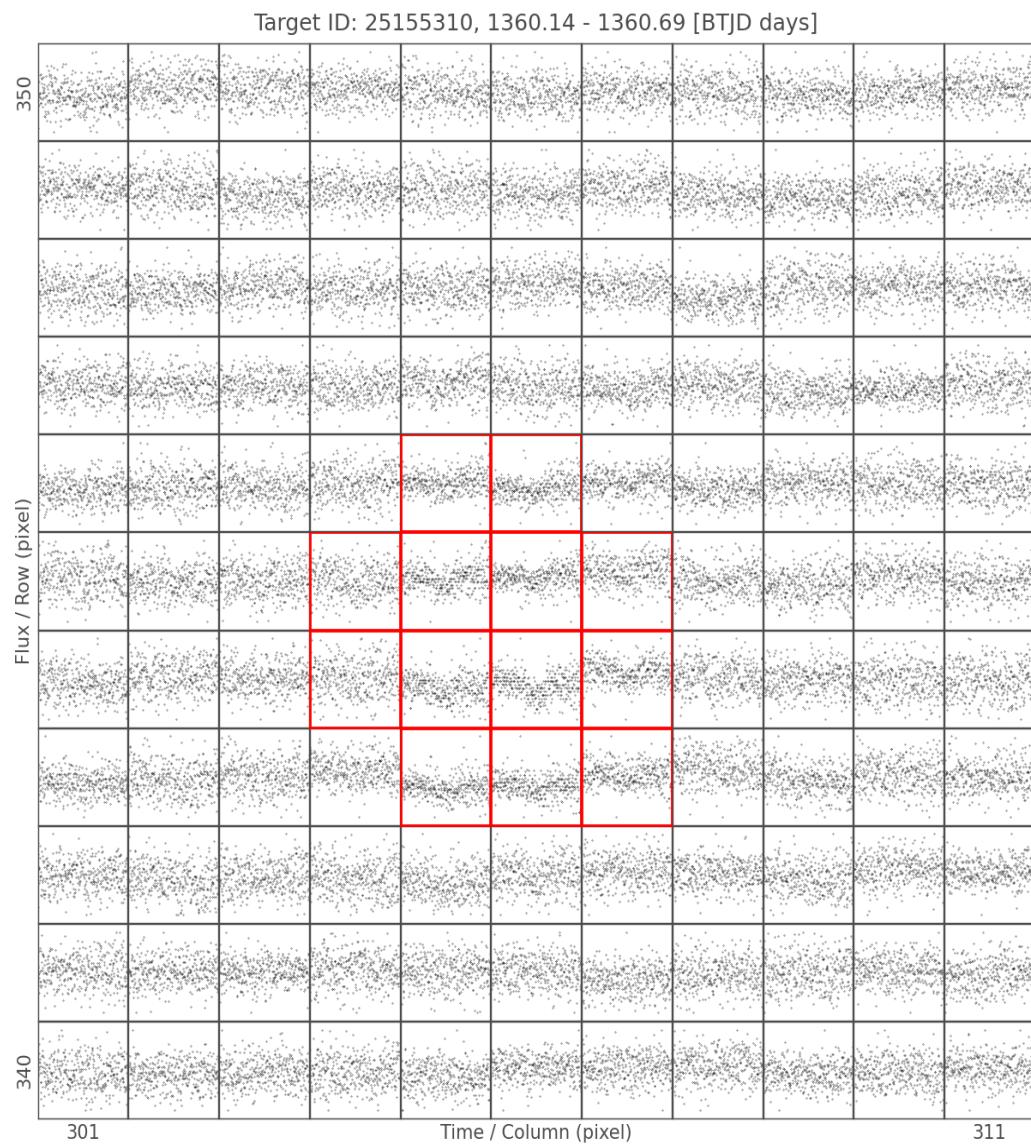
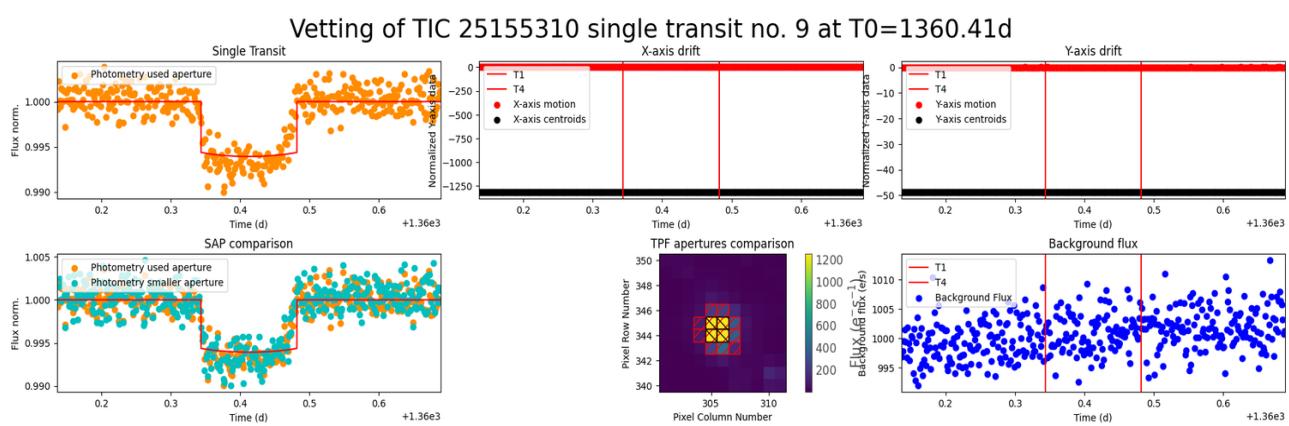


Figure 12: The single transit no. 9 vetting plots



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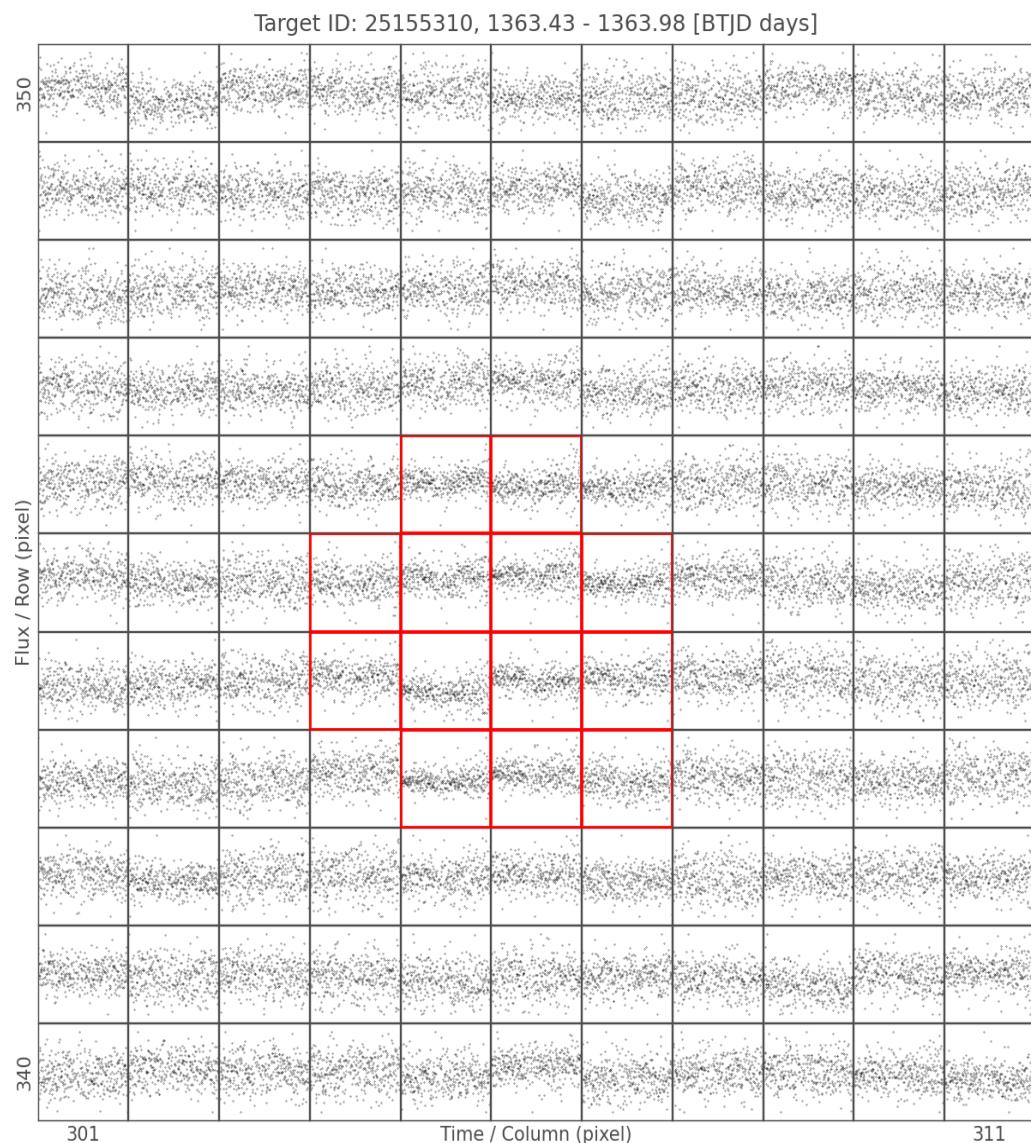
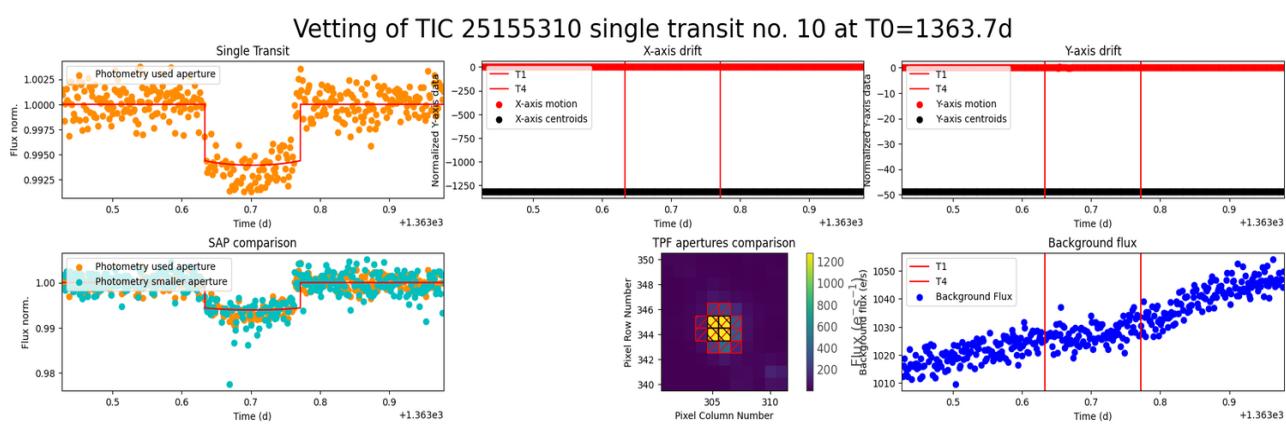


Figure 13: The single transit no. 10 vetting plots



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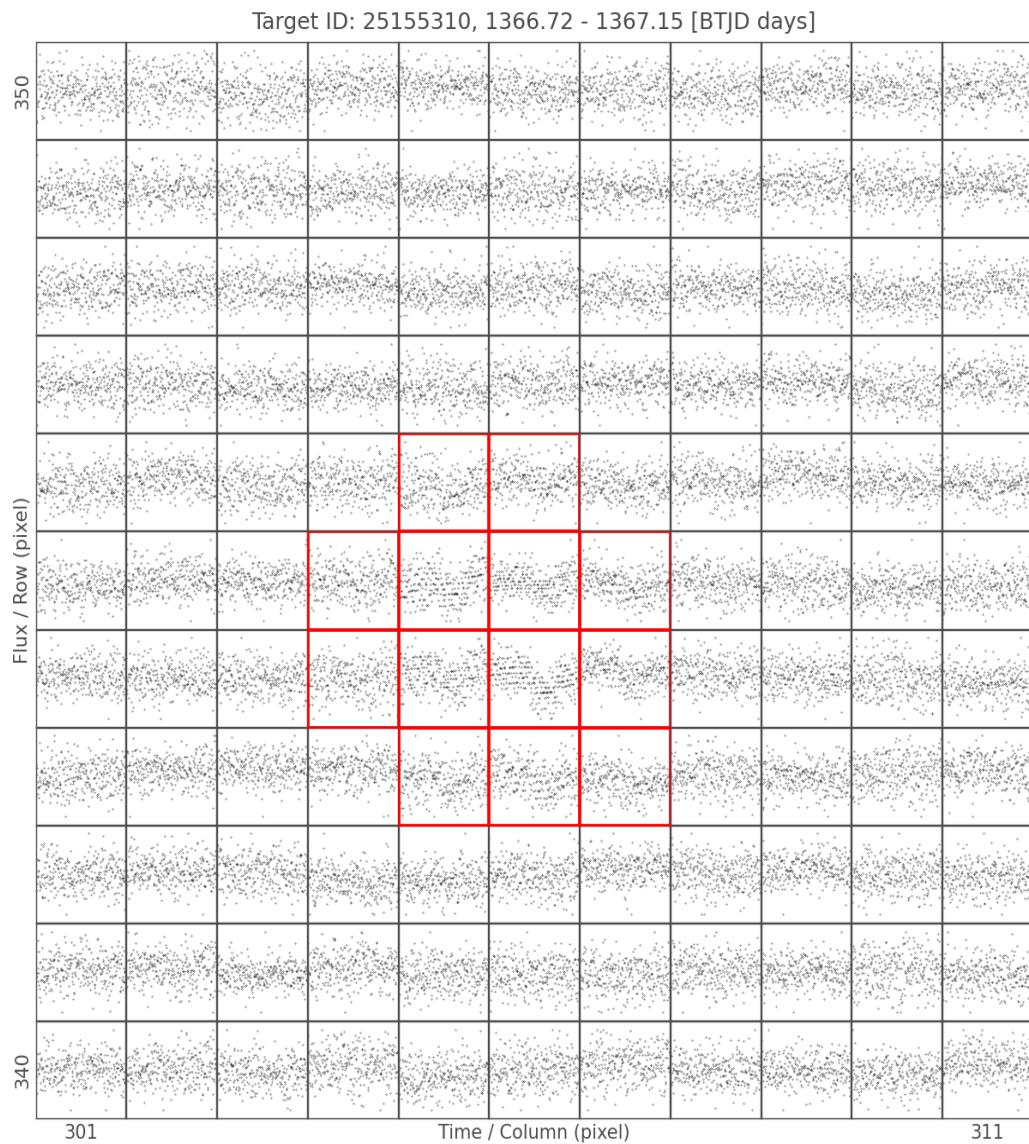
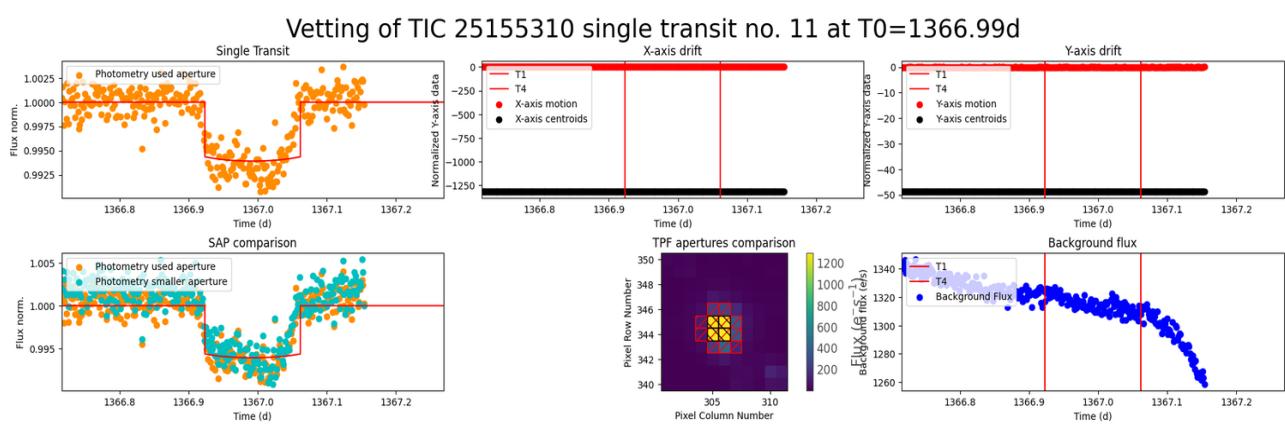


Figure 14: The single transit no. 11 vetting plots



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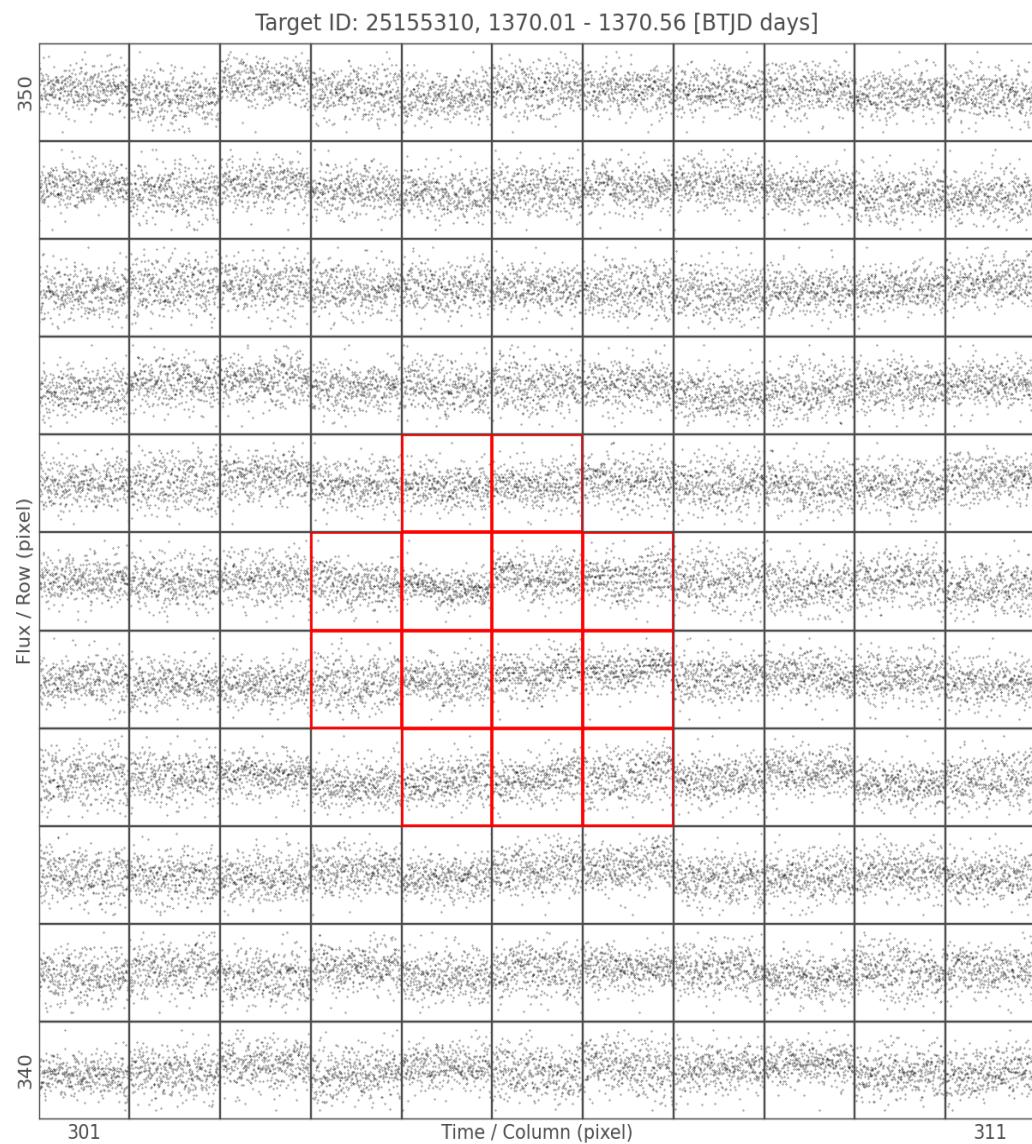
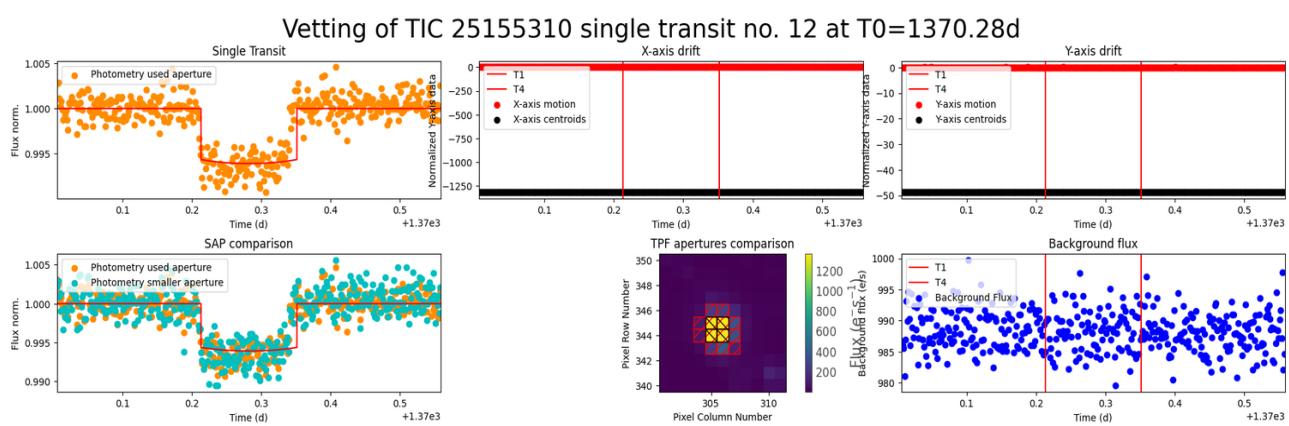


Figure 15: The single transit no. 12 vetting plots



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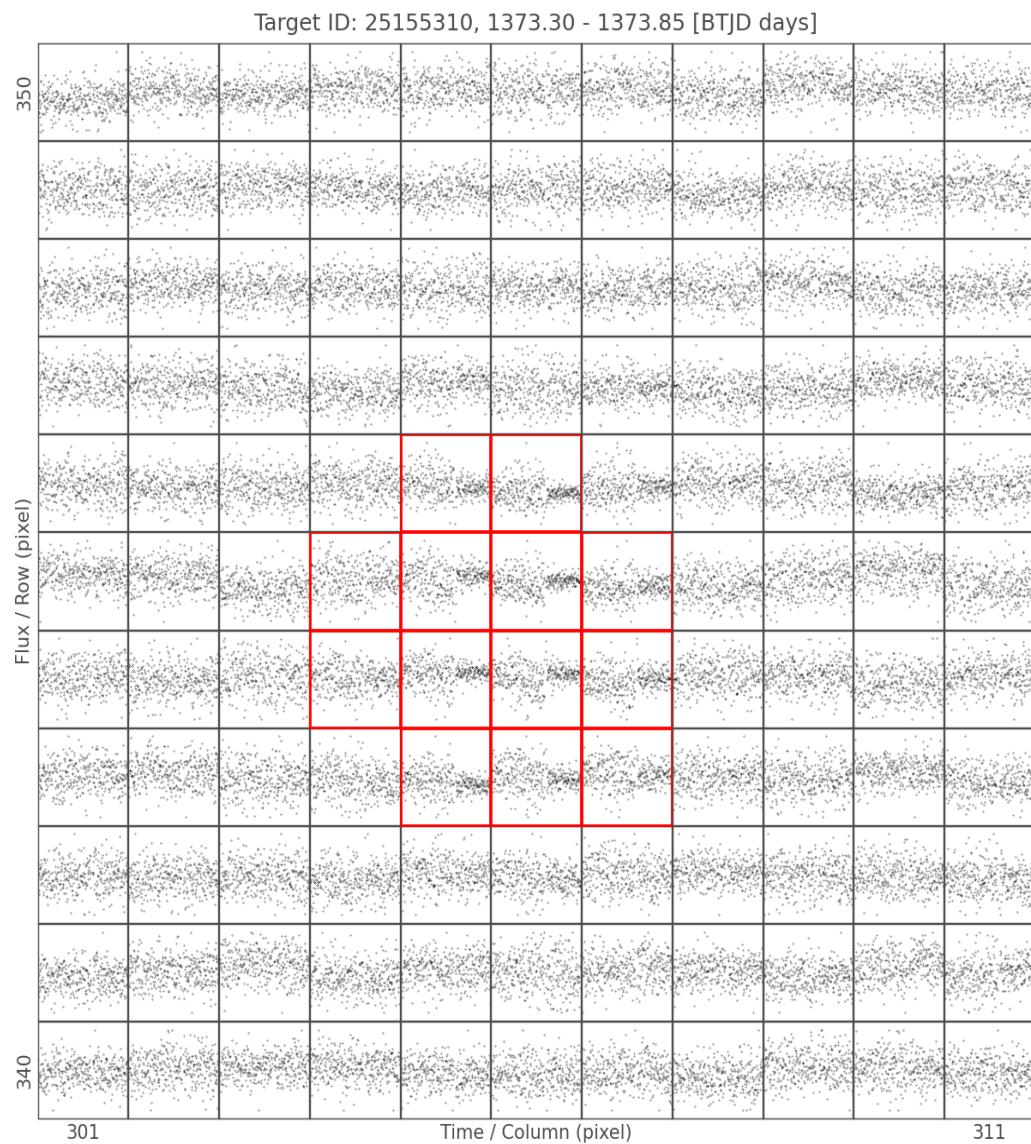
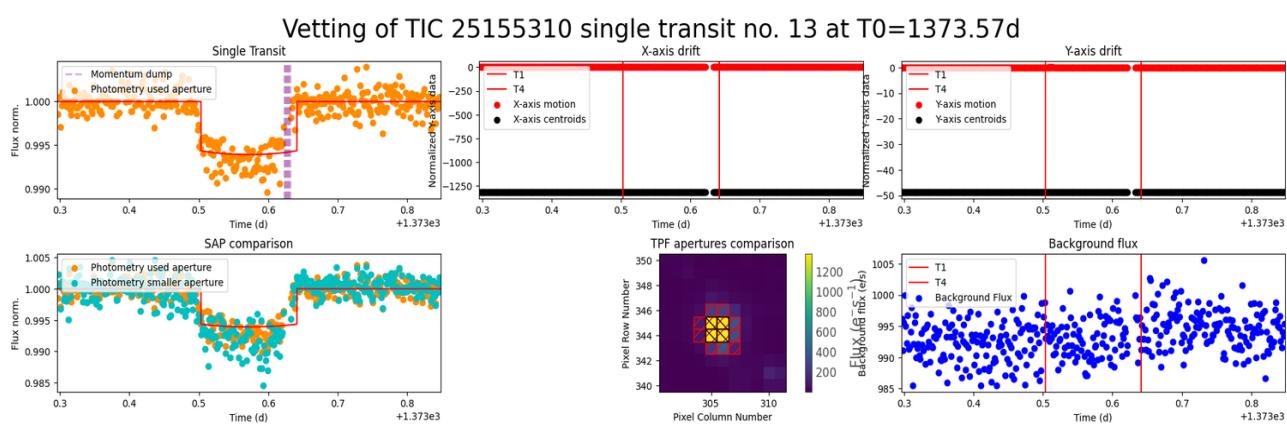


Figure 16: The single transit no. 13 vetting plots



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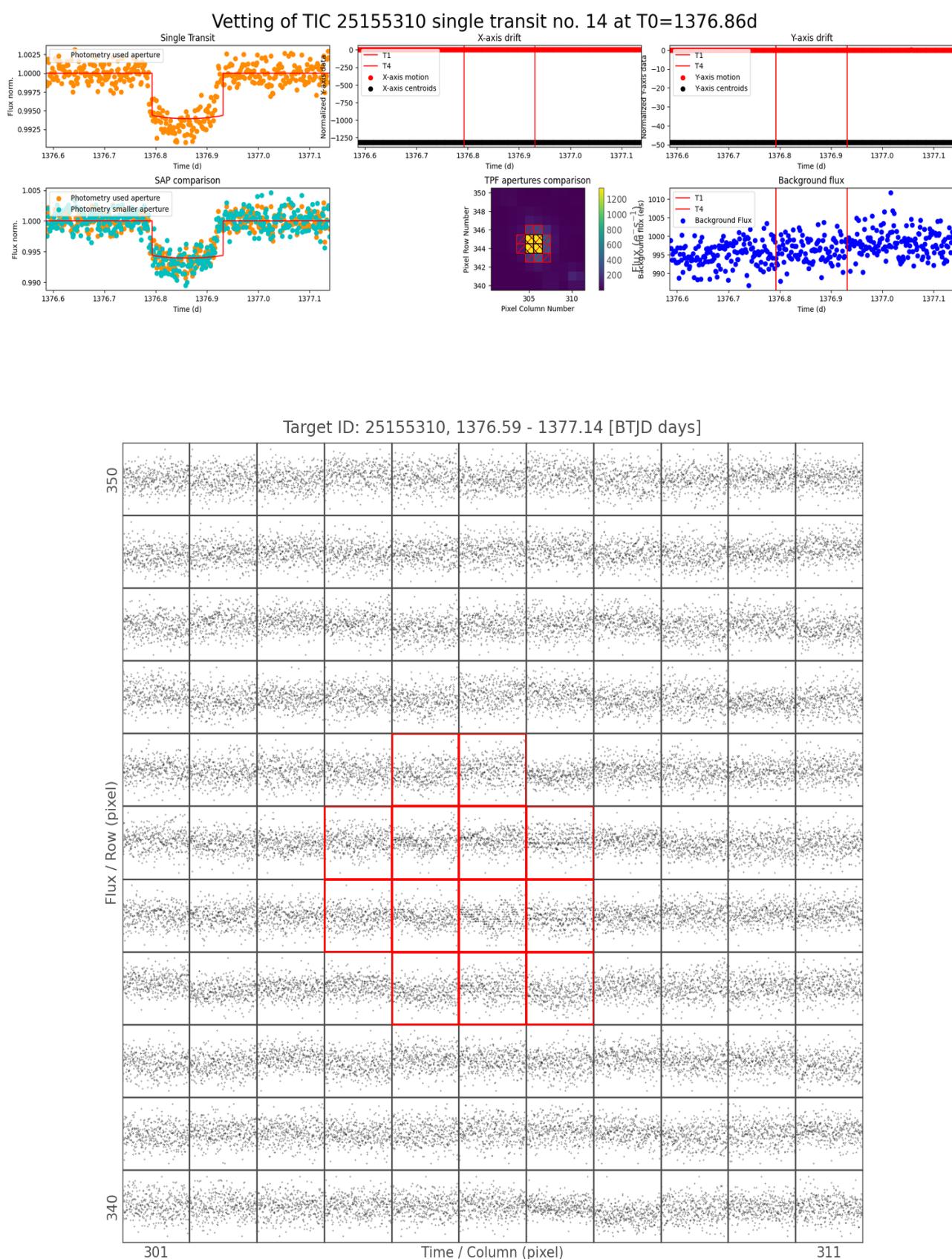


Figure 17: The single transit no. 14 vetting plots



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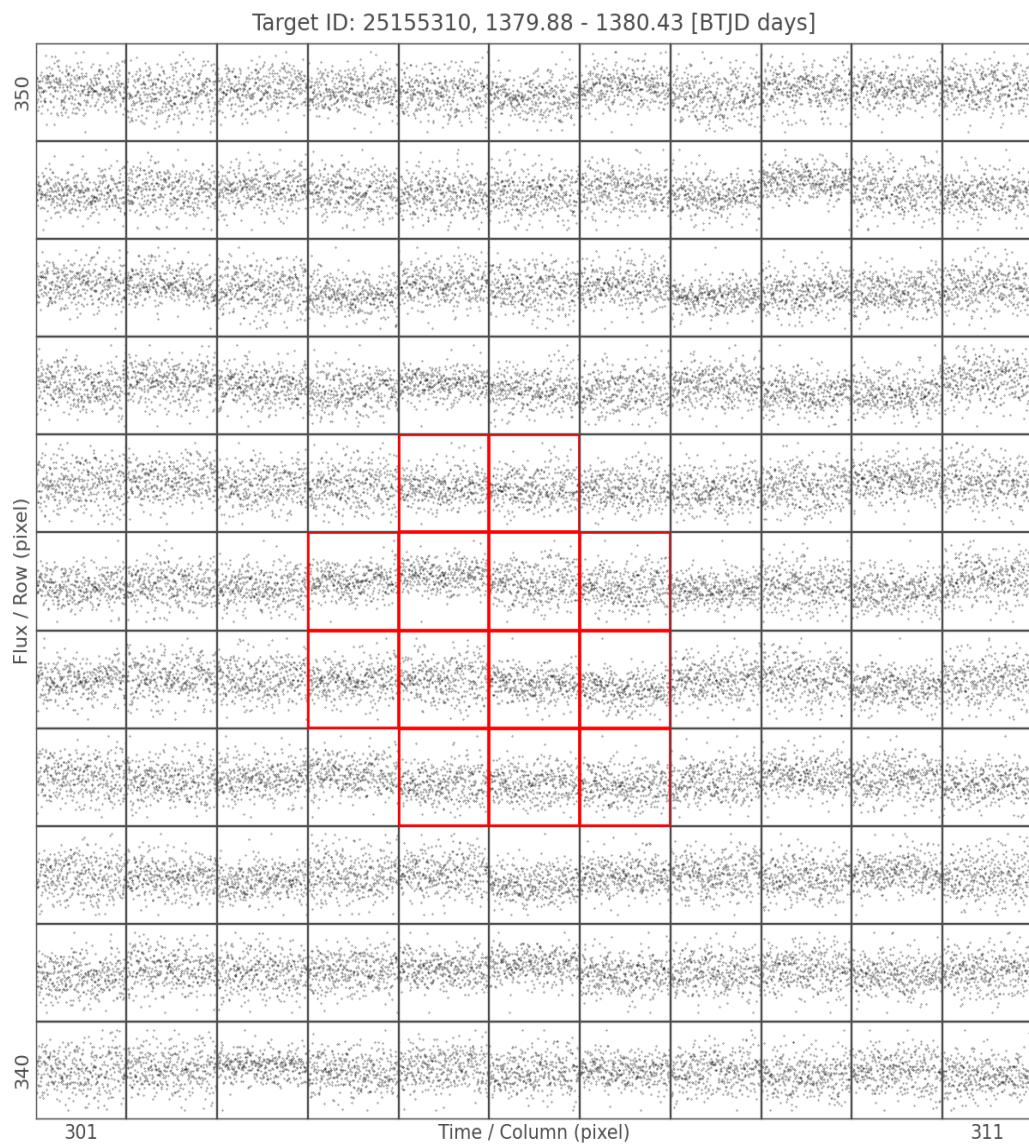
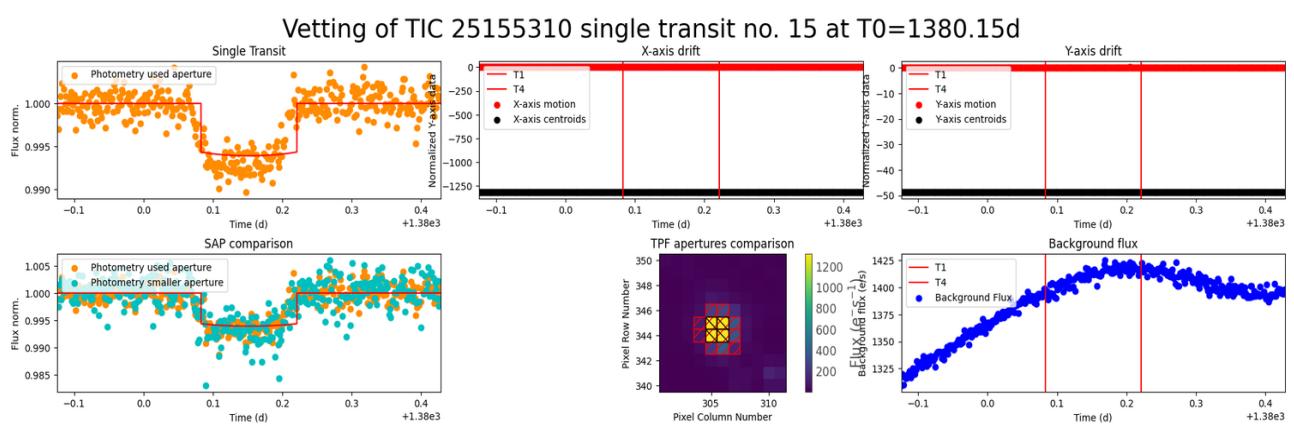


Figure 18: The single transit no. 15 vetting plots