

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 1811 - L2 Version 3
Chandra X-Ray Center

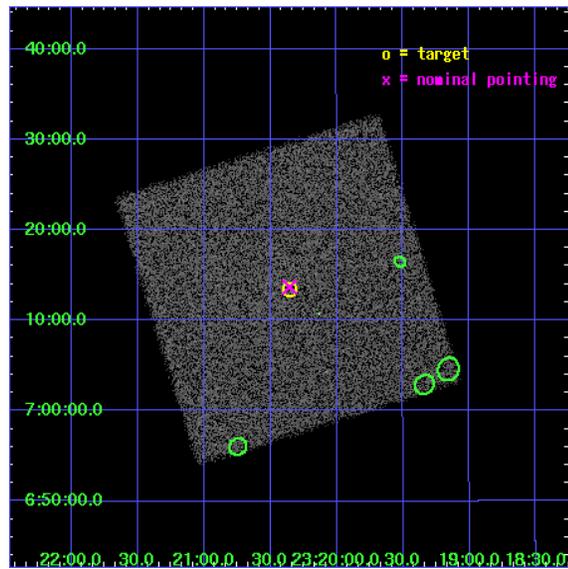
L2 Processing Date : Nov 20 2007

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1 Front

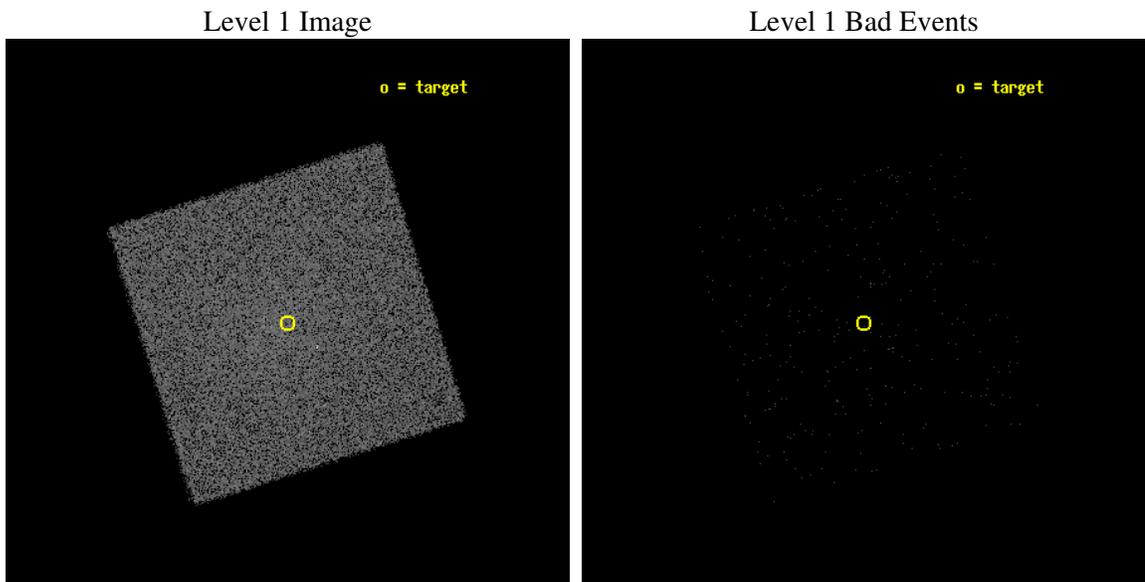
seq_num	100009
obs_id	1811
title	SOLVING THE PUZZLE OF COMETARY X-RAY ORIGIN: OBSERVATIONS OF COMET 10P/TEMPEL 2
observer	DR W. THOMAS VESTRAND
object	LINEAR 2001 A2
ra_targ	350.088983
dec_targ	7.224244
ra_nom	350.08864535513
dec_nom	7.228277010044
roll_nom	117.67568031876
revision	3
ontime	2348.5313418508
livetime	2336.3905473174
l2events	62218



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.11.2
caldbver	3.4.1
date	2007-11-20T16:08:29
revision	3

sched_exp_time	2150.000000
ontime	2348.5313418508
l1events	104328

2.1.3 Events

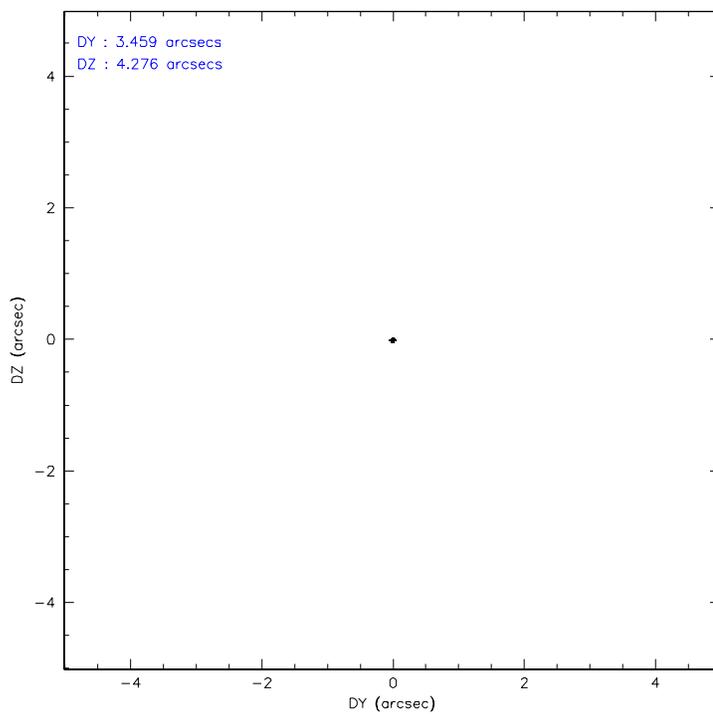
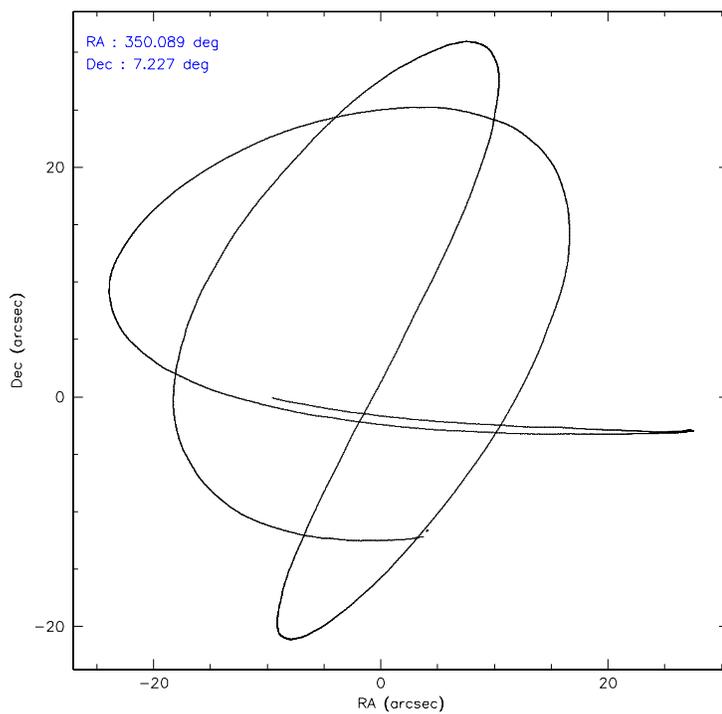
Level 1 Events

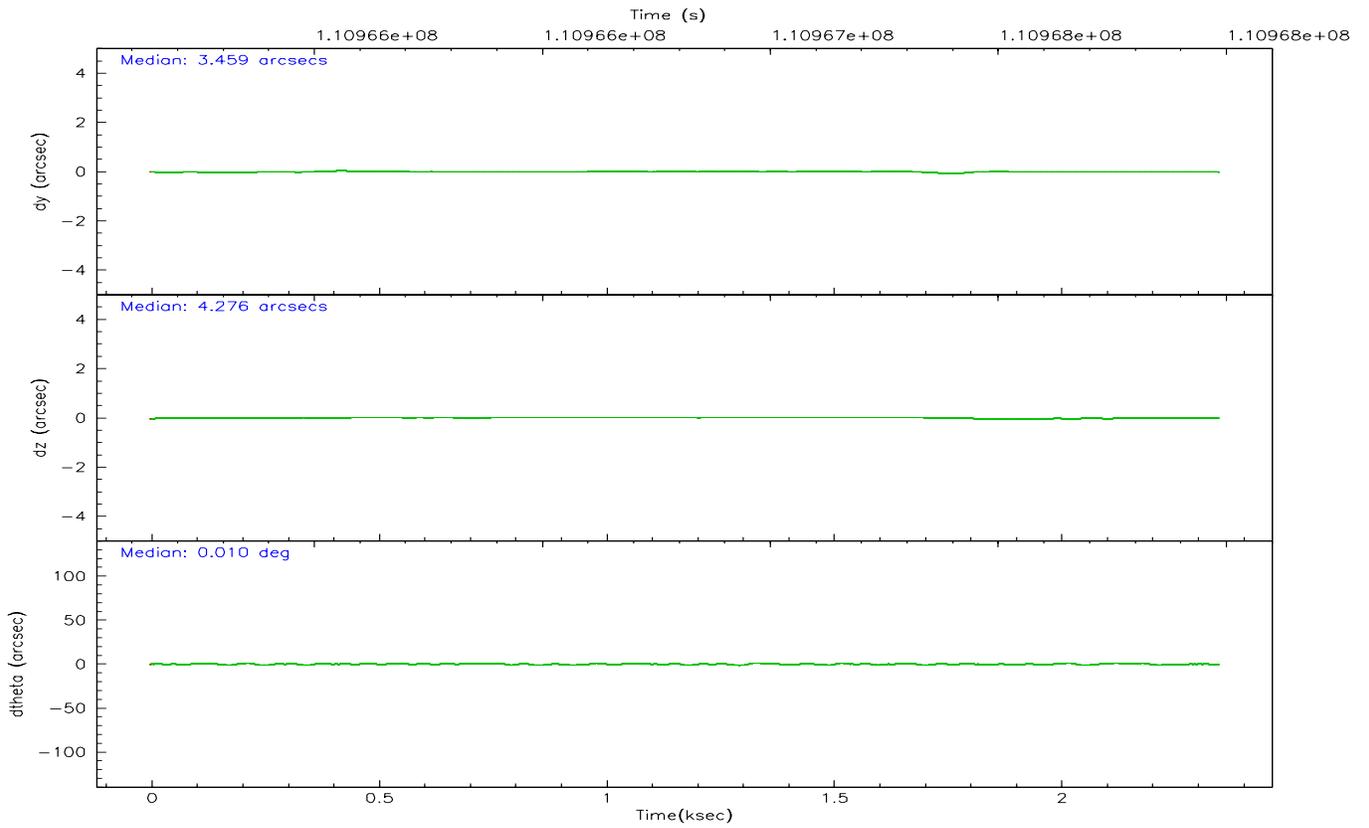
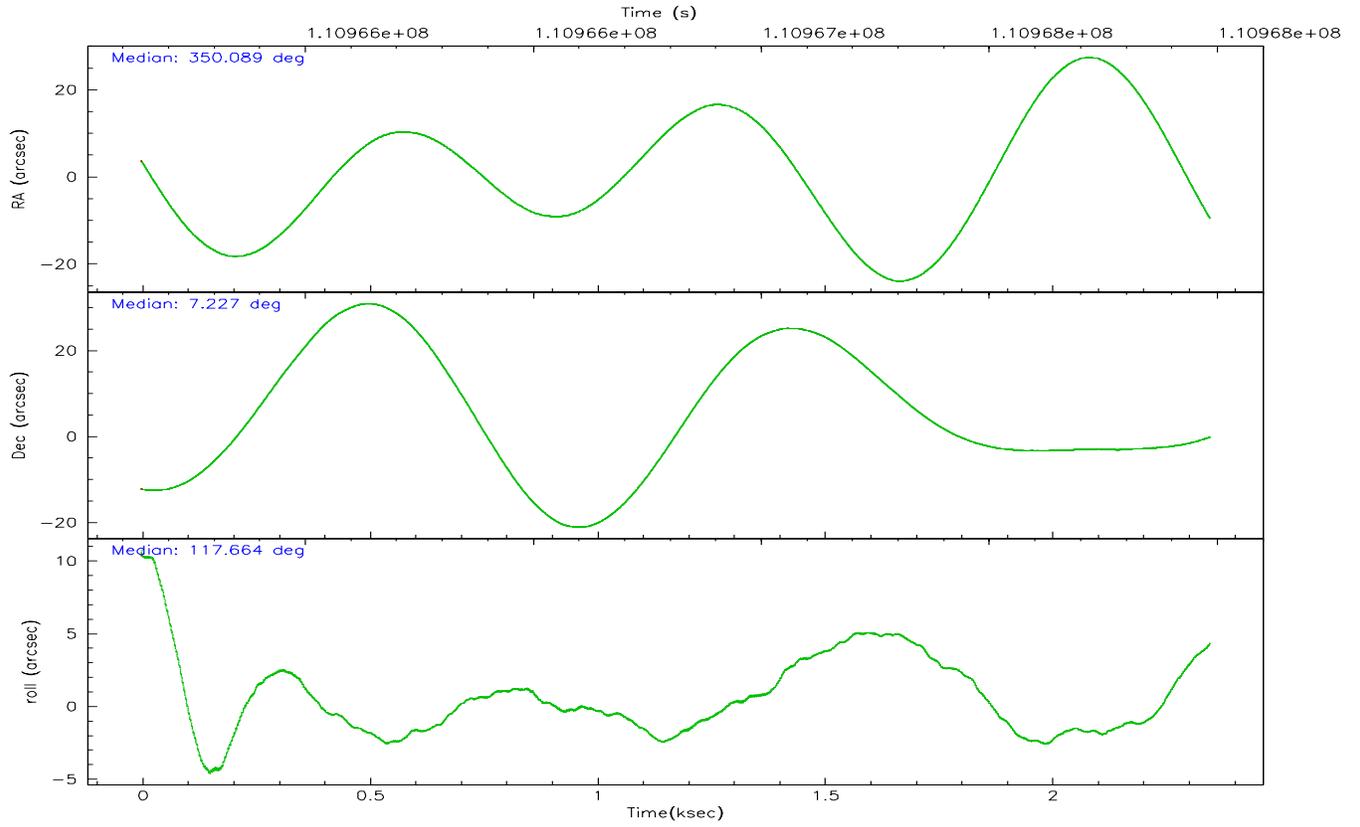
	segment 0
level 1 events	104328
rejected events	12133
rejected %	11%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	6	6
Detector	HRC-I	HRC-I	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
Pointing RA	350.112029	350.0886453551267			
Pointing Dec	7.214434	7.22827701004396			
Pointing Roll	117.768232	117.6756803187641			
SIM focus pos (mm)	-1.040293	-1.038866356238299			
SIM defocus (mm)	0	0.001426264420575141			
SIM translation stage pos (mm)	126.985494	126.9829799899862			
SIM translation stage offset (mm)	0	0.002508901615314585			
Observation start time	110965837.184000	110965461.4814			
Observation start date	2001-07-08T07:49:33	2001-07-08T07:44:21			
Observation end time	110967987.184000	110968120.844			
Observation end date	2001-07-08T08:25:23	2001-07-08T08:28:40			

2.3 Aspect



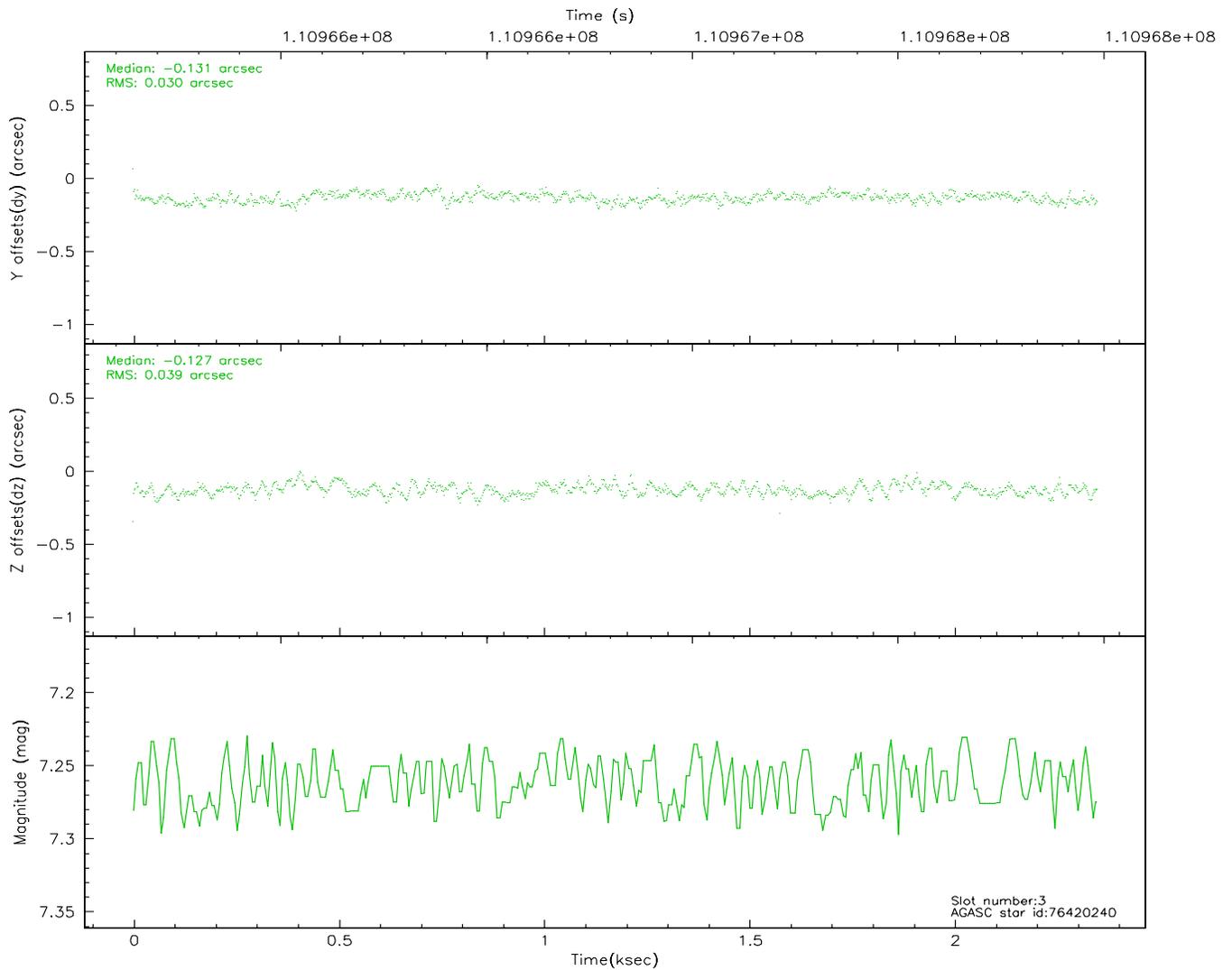
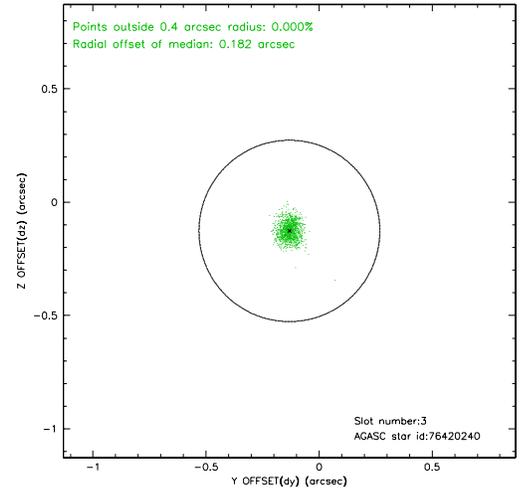
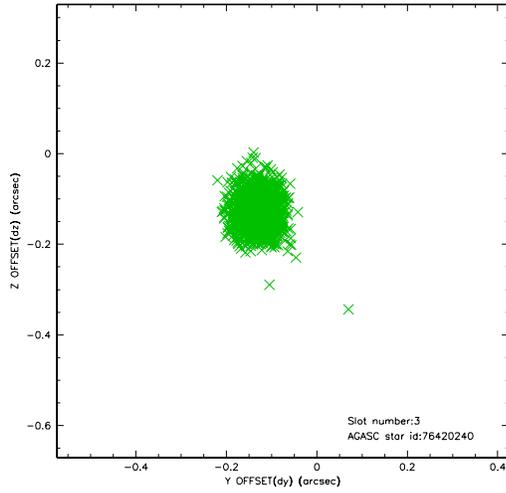


Slot Statistics

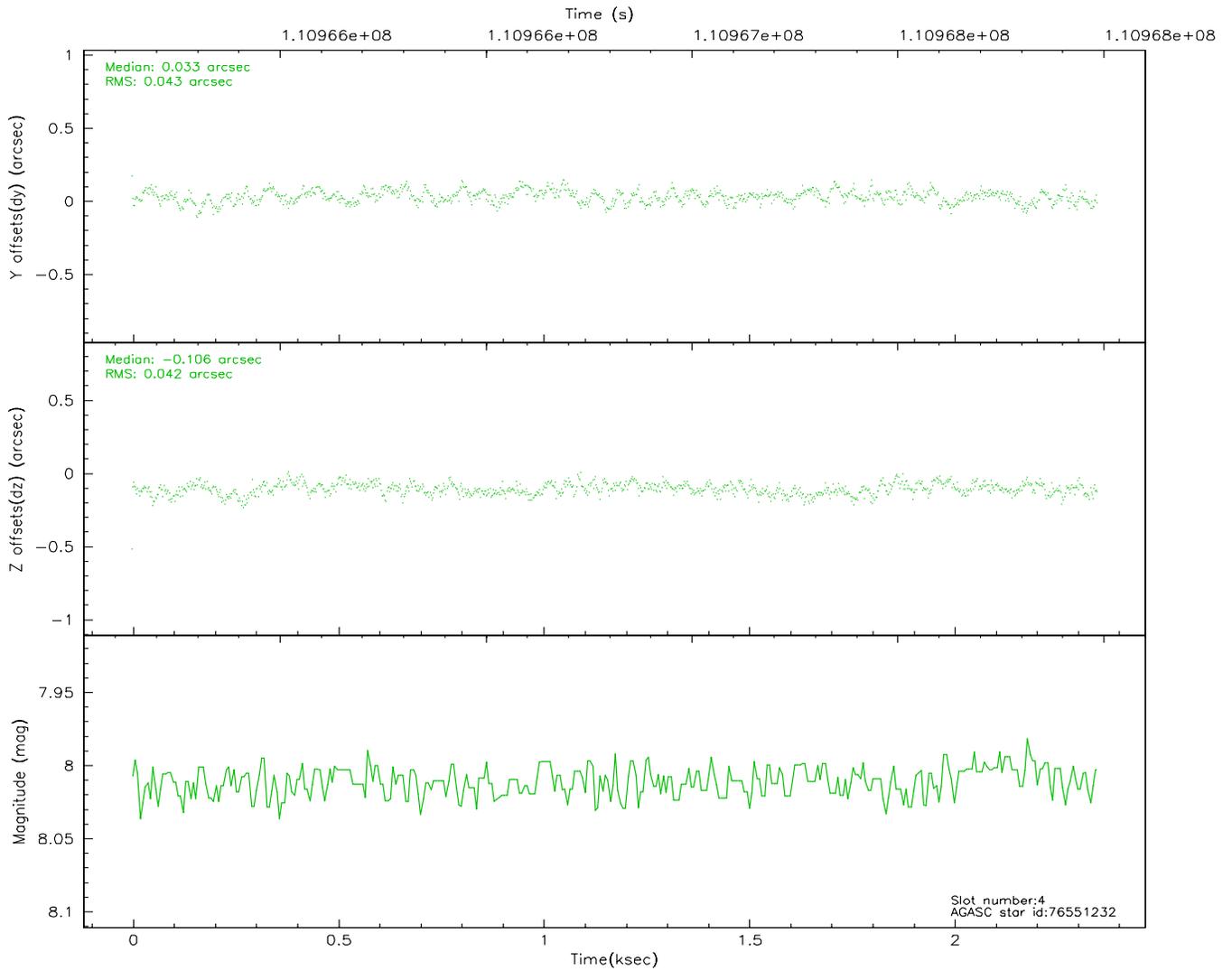
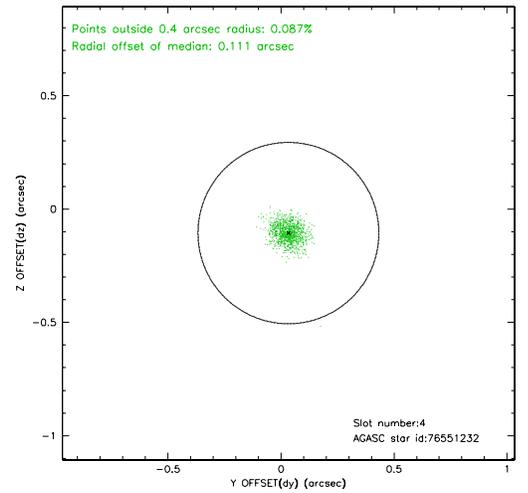
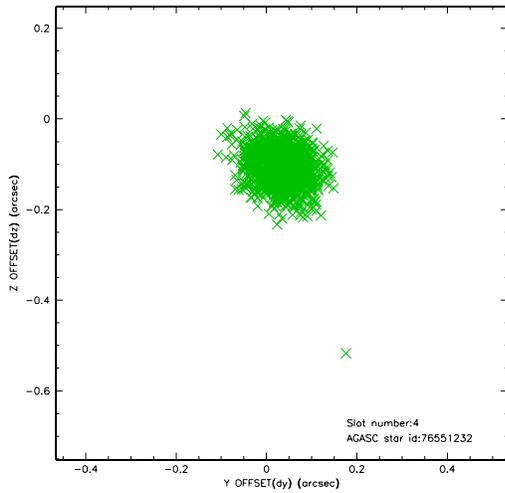
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.99	574	0.059	0.065	0.006	0.010	0.000000	0.000000	-758.91	-1291.96
1	FID	HRC-I-3	7.08	574	0.003	-0.087	0.007	0.011	0.000000	0.000000	-1188.73	1010.21
2	FID	HRC-I-4	7.02	574	0.052	-0.067	0.005	0.009	0.000000	0.000000	1281.85	1011.80
3	GUIDE	76420240	7.26	1147	-0.131	-0.127	0.052	0.081	349.834746	7.214951	463.33	875.06
4	GUIDE	76551232	8.01	1147	0.033	-0.106	0.063	0.101	350.076046	6.872411	-1028.77	687.88
5	GUIDE	152314144	8.25	1147	-0.127	0.221	0.060	0.095	350.482166	7.593054	590.93	-1803.14
6	GUIDE	76425640	9.31	1147	0.141	-0.092	0.090	0.144	349.927625	6.651298	-1485.77	1525.88
7	GUIDE	76548368	9.38	1146	0.080	0.102	0.096	0.159	350.463418	7.237988	-509.80	-1148.87

2.4 Star Slots

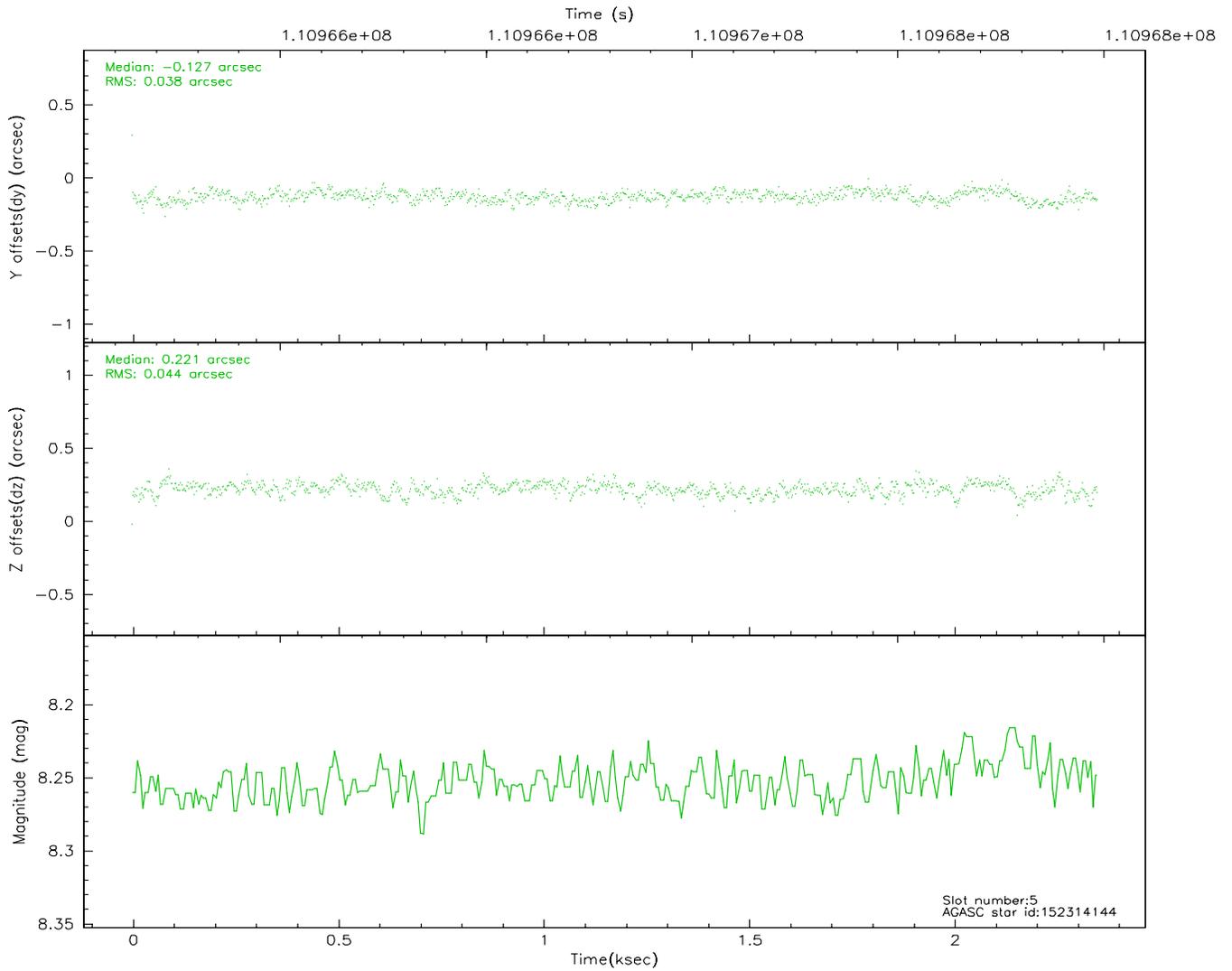
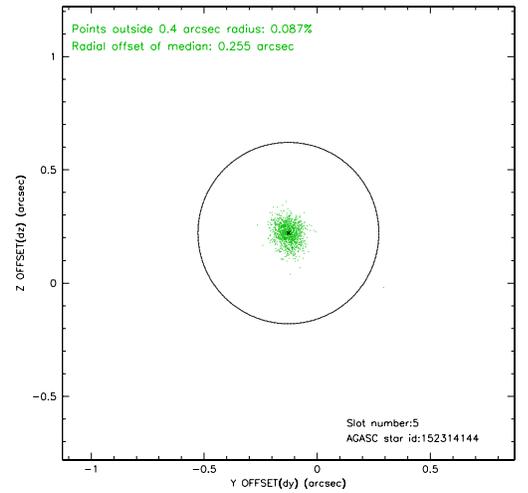
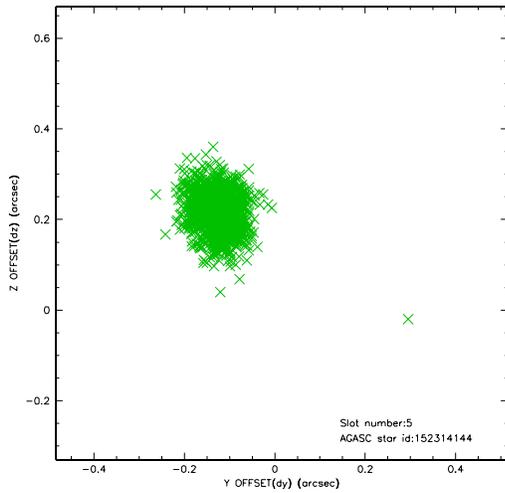
2.4.1 Slot 3



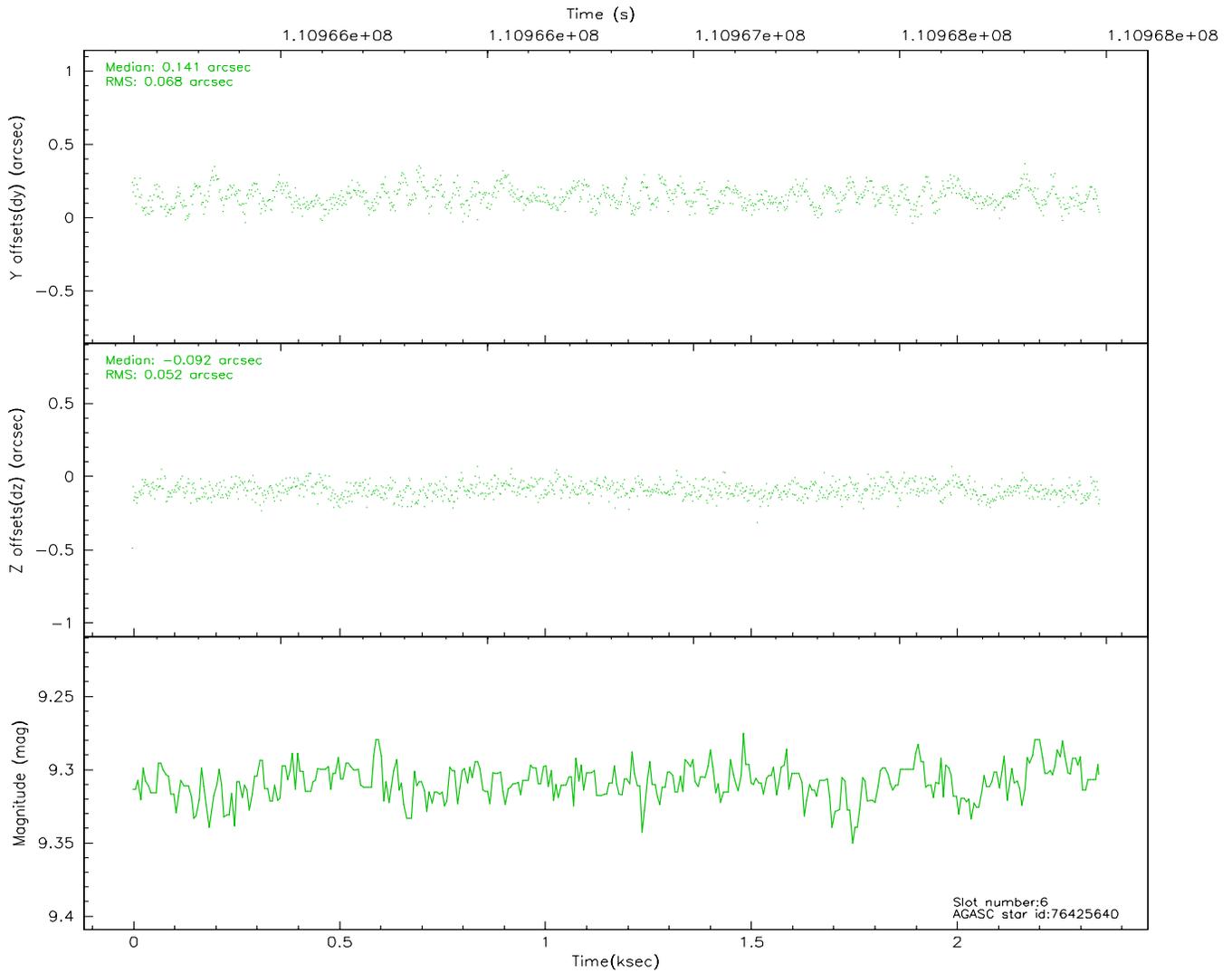
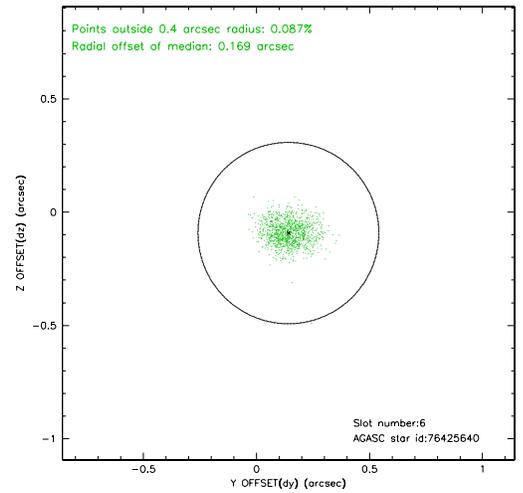
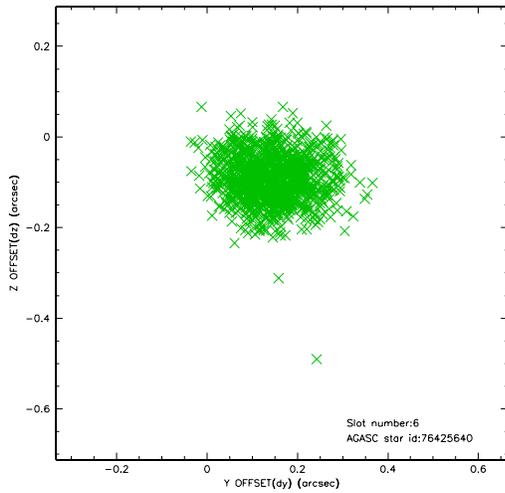
2.4.2 Slot 4



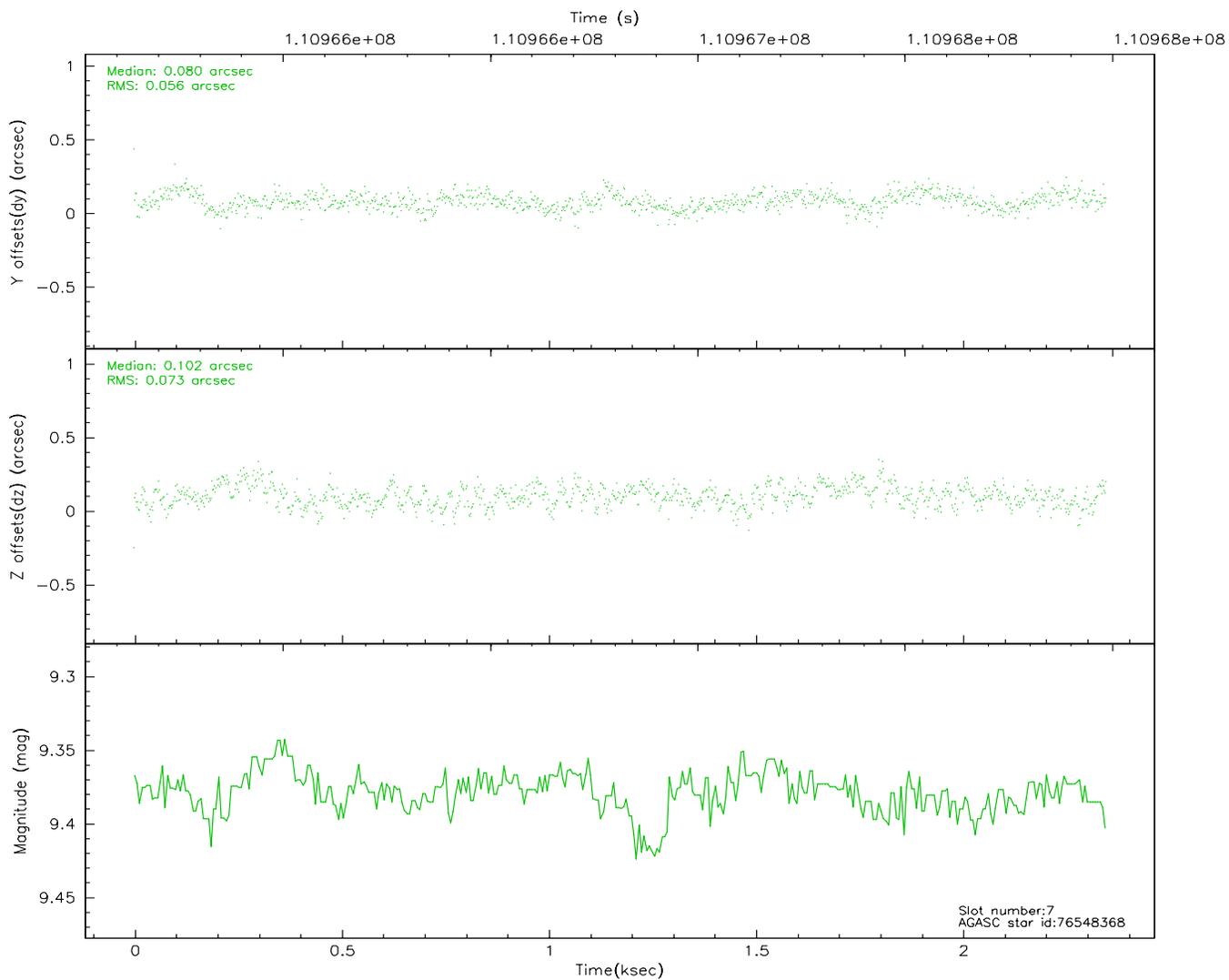
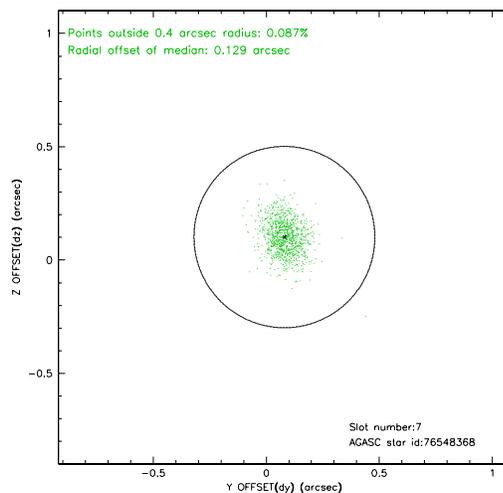
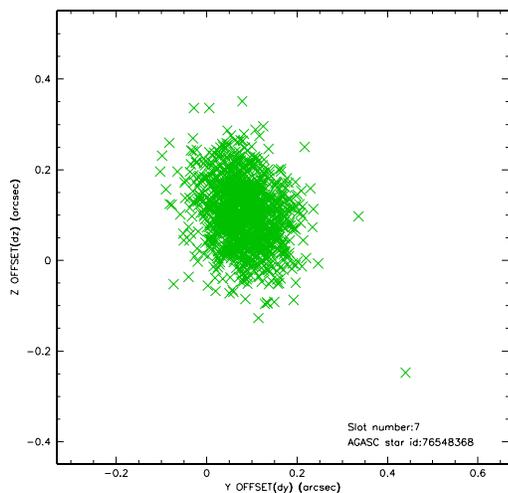
2.4.3 Slot 5



2.4.4 Slot 6

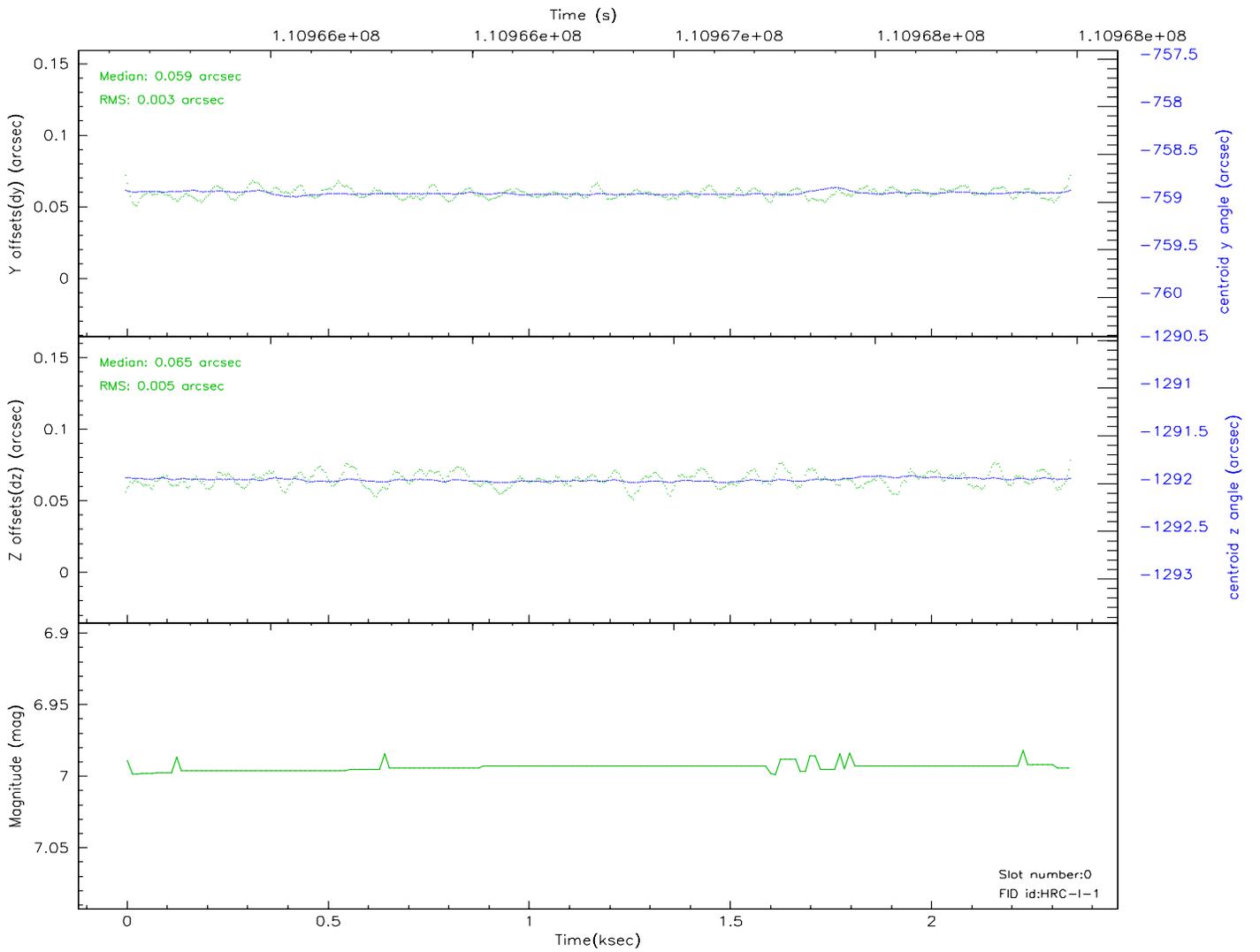
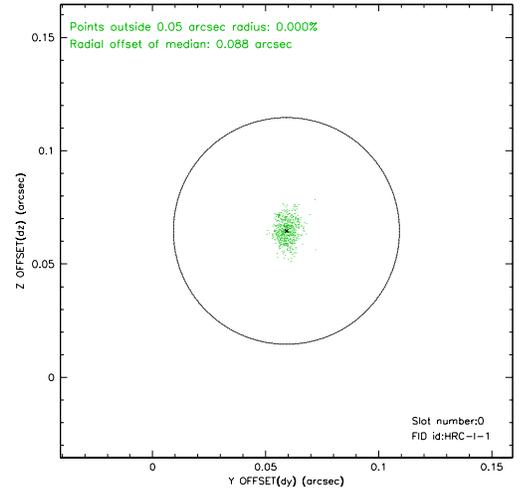
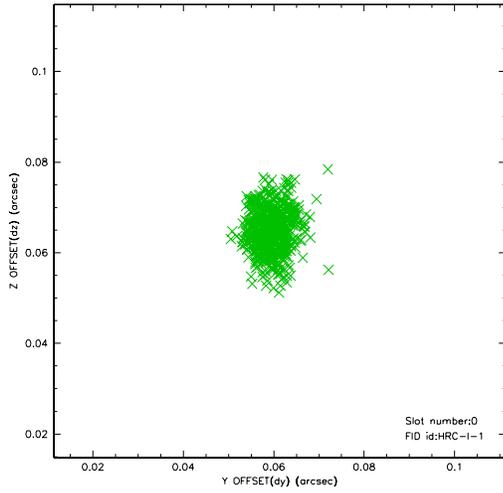


2.4.5 Slot 7

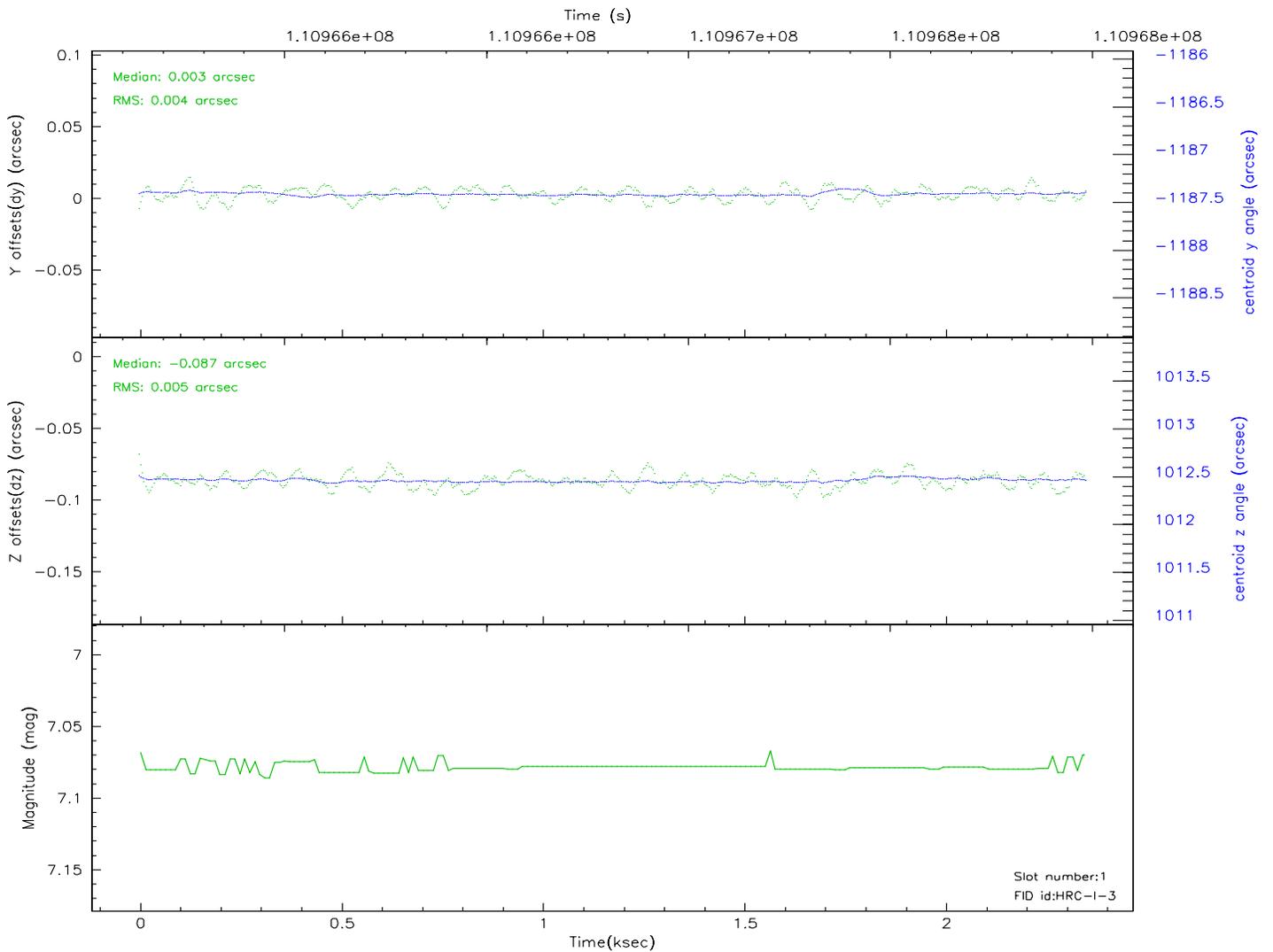
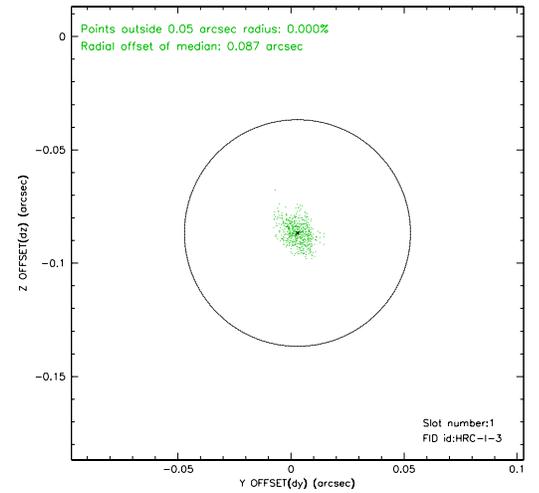
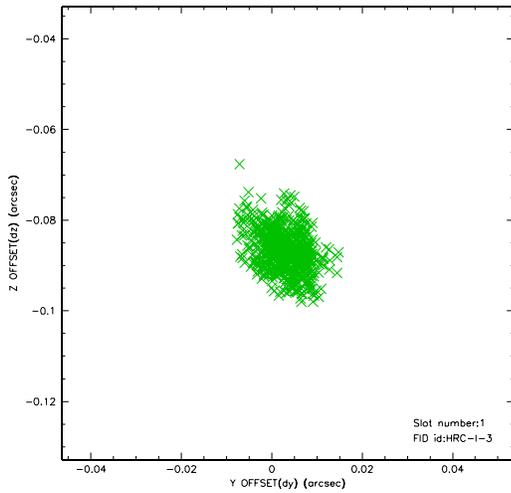


2.5 FID Slots

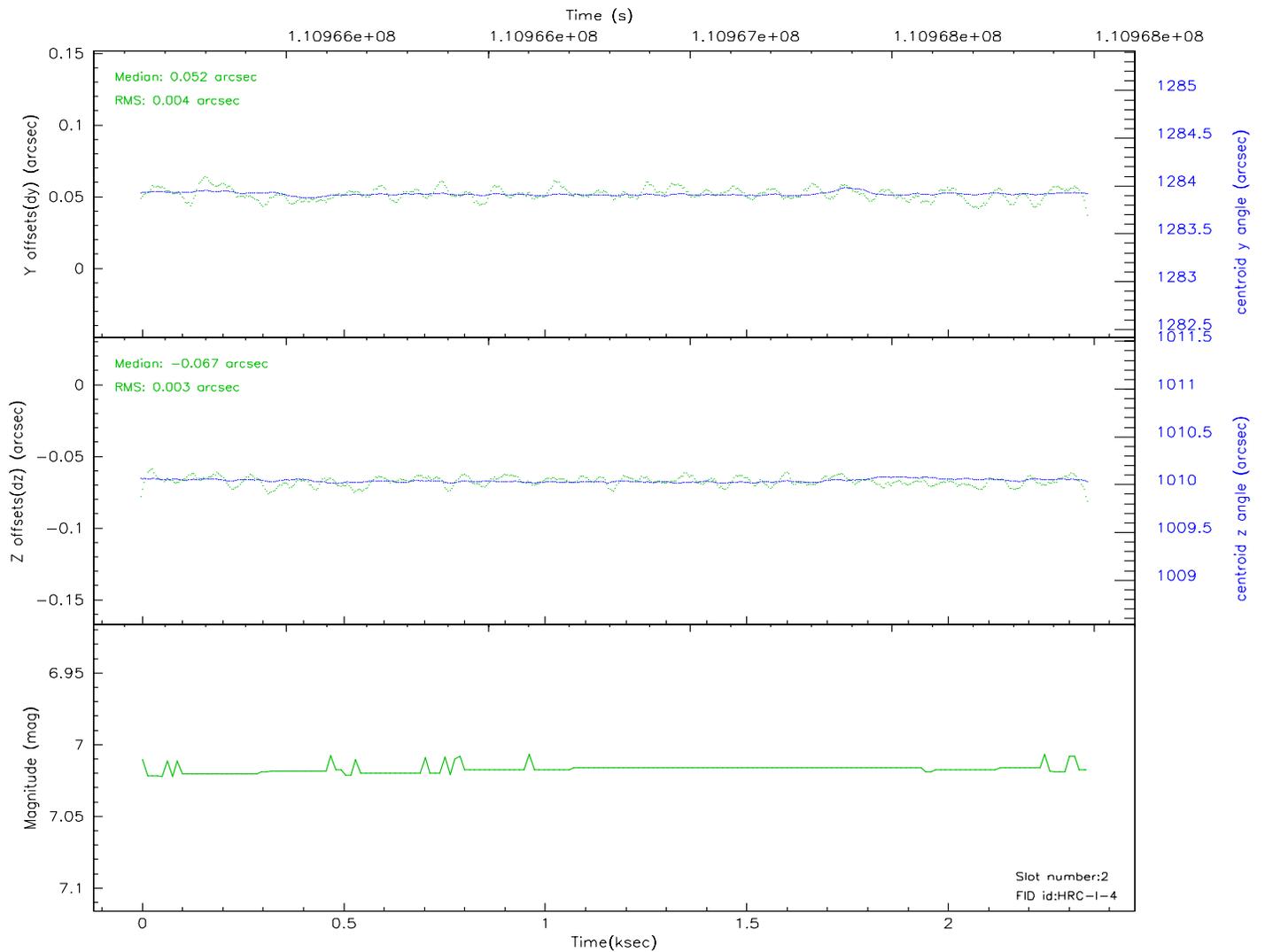
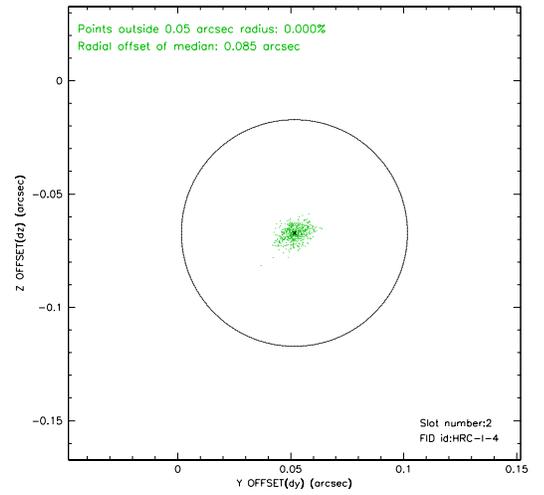
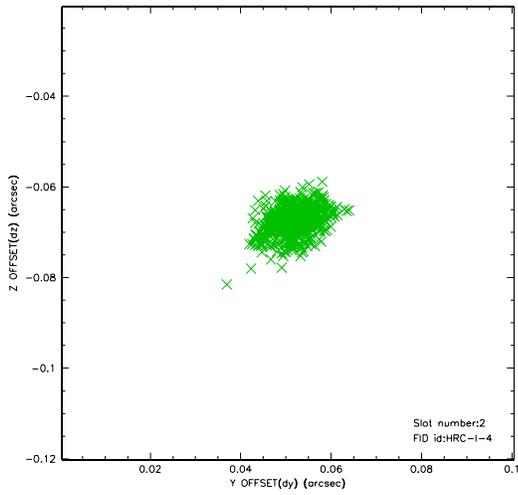
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2

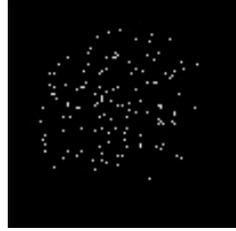


3 Point Sources

4.43 arcmin



18.61 arcmin



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.12.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.346

A.2 Comments

The current observation has been reprocessed as part of Repro III ('C' supplement) the purpose of which is to update all HRC-I ObsIDs since Jan 2000 to the latest calibrations available for that configuration. Specifically, we are updating the DEGAP solution and the Gain Maps applied. For more information see the Repro IIIc web page at

<http://asc.harvard.edu/cda/repro3.html#IIIc>

and the associated links.