

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 6198 - L2 Version 3
Chandra X-Ray Center

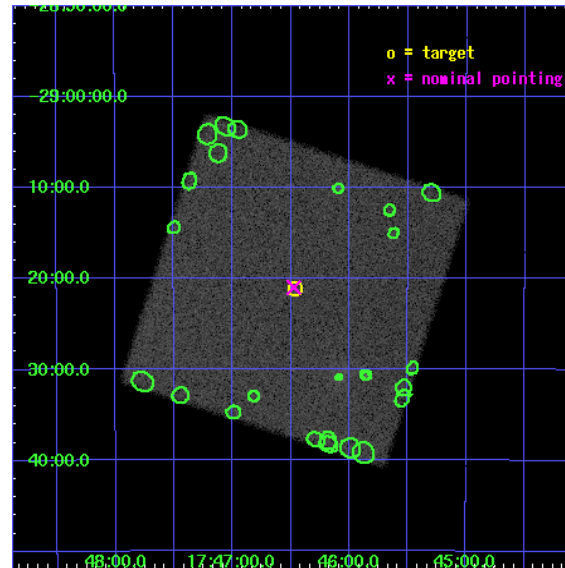
L2 Processing Date : Nov 24 2007

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1 Front

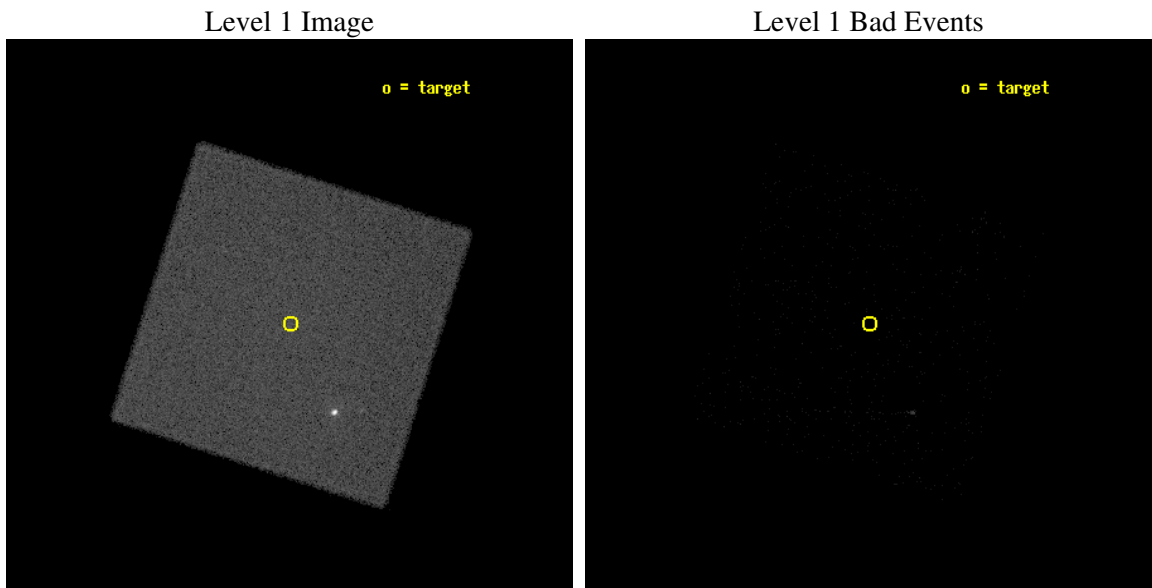
seq_num	400458
obs_id	6198
title	Monitoring observations of the Galactic Center region
observer	Dr. Rudy Wijnands
object	GC-9
ra_targ	266.615
dec_targ	-29.3525
ra_nom	266.61843095157
dec_nom	-29.349971321194
roll_nom	62.871511085795
revision	3
ontime	5183.6814865172
livetime	5146.7995988677
l2events	201008



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	2007-11-24T14:41:01
revision	3

sched_exp_time	5000.000000
ontime	5183.6814865172
l1events	315942

2.1.3 Events

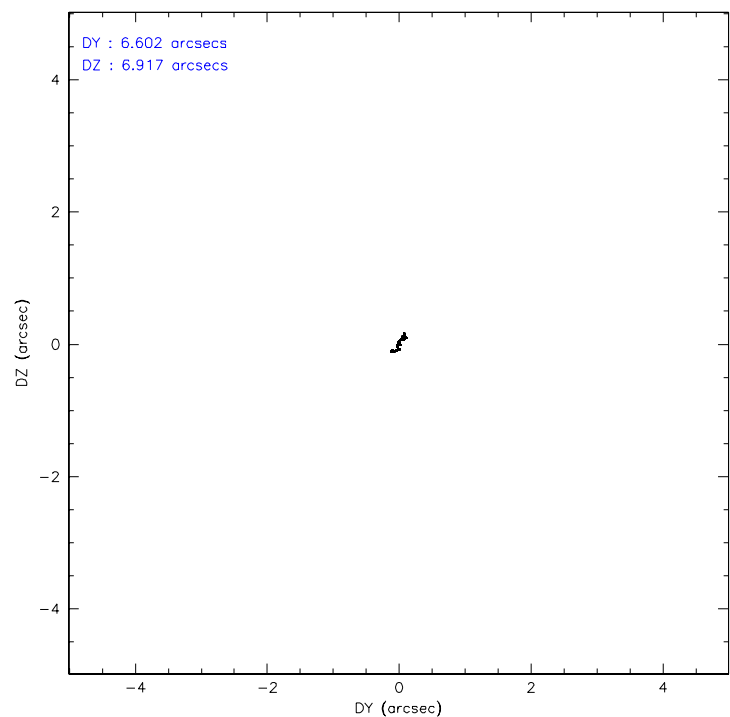
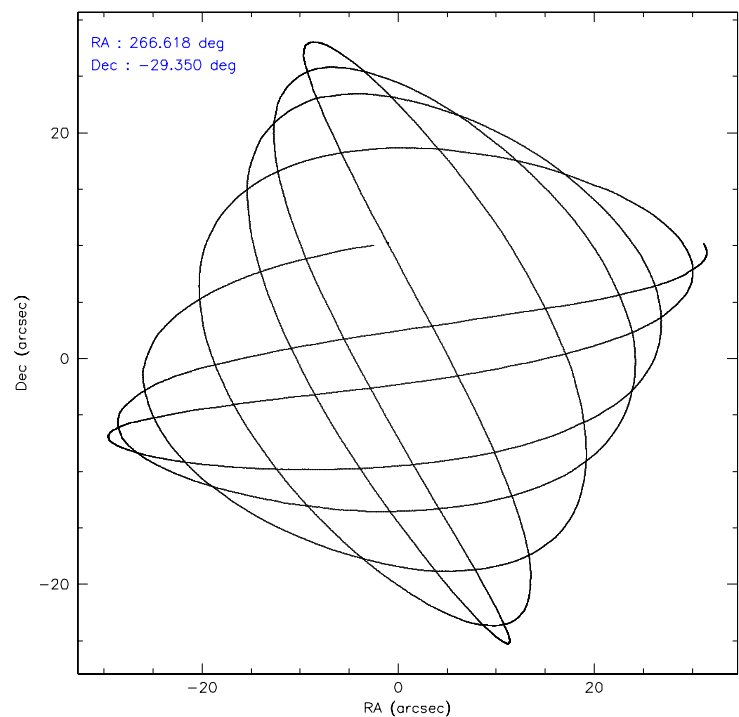
Level 1 Events

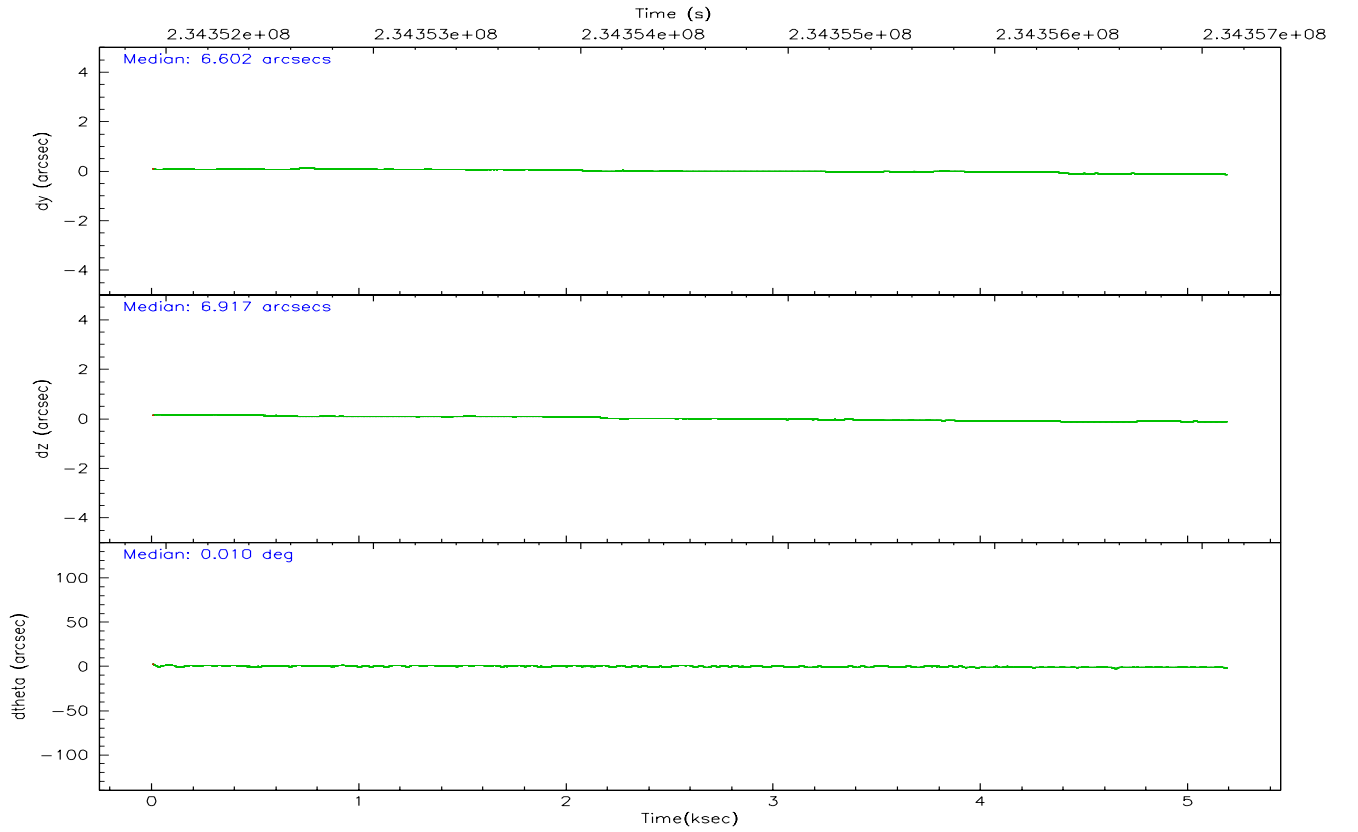
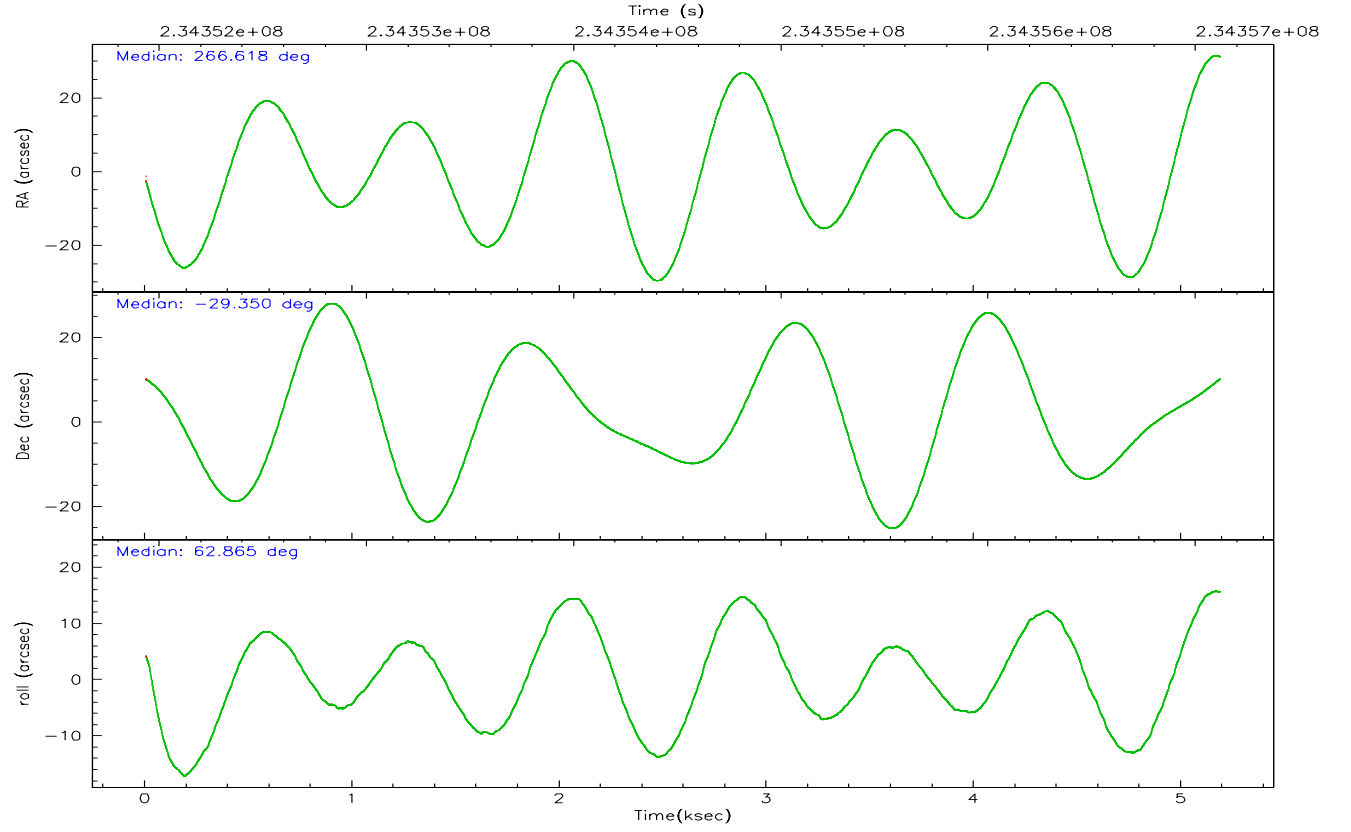
	segment 0
level 1 events	315942
rejected events	18827
rejected %	5%

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	266.620925	266.6184309515656			
Pointing Dec	-29.376842	-29.34997132119393			
Pointing Roll	62.968218	62.87151108579503			
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	234352128.184000	234351752.33349			
Observation start date	2005-06-05T09:47:44	2005-06-05T09:42:32			
Observation end time	234357128.184000	234357265.80874			
Observation end date	2005-06-05T11:11:04	2005-06-05T11:14:25			

2.3 Aspect



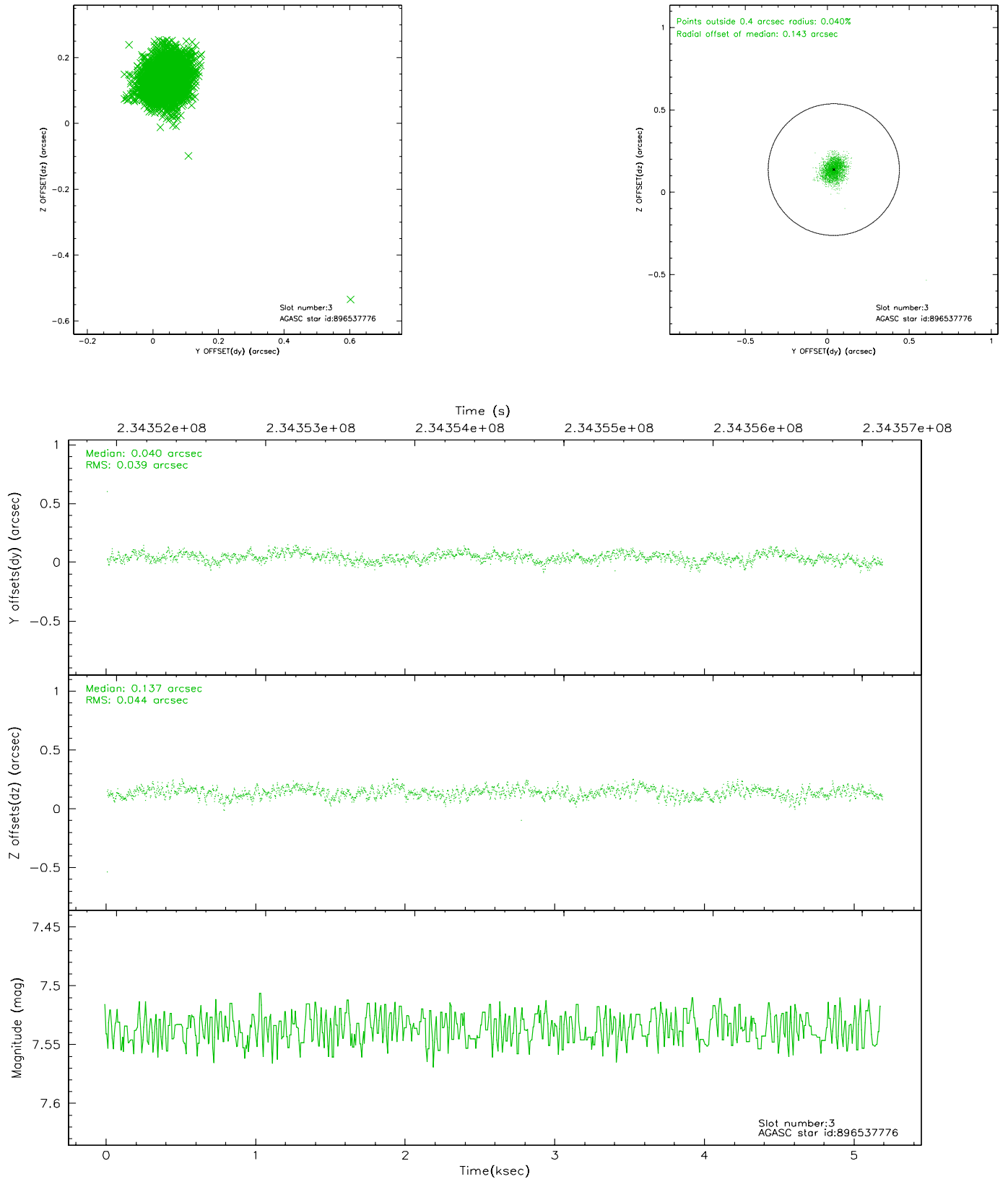


Slot Statistics

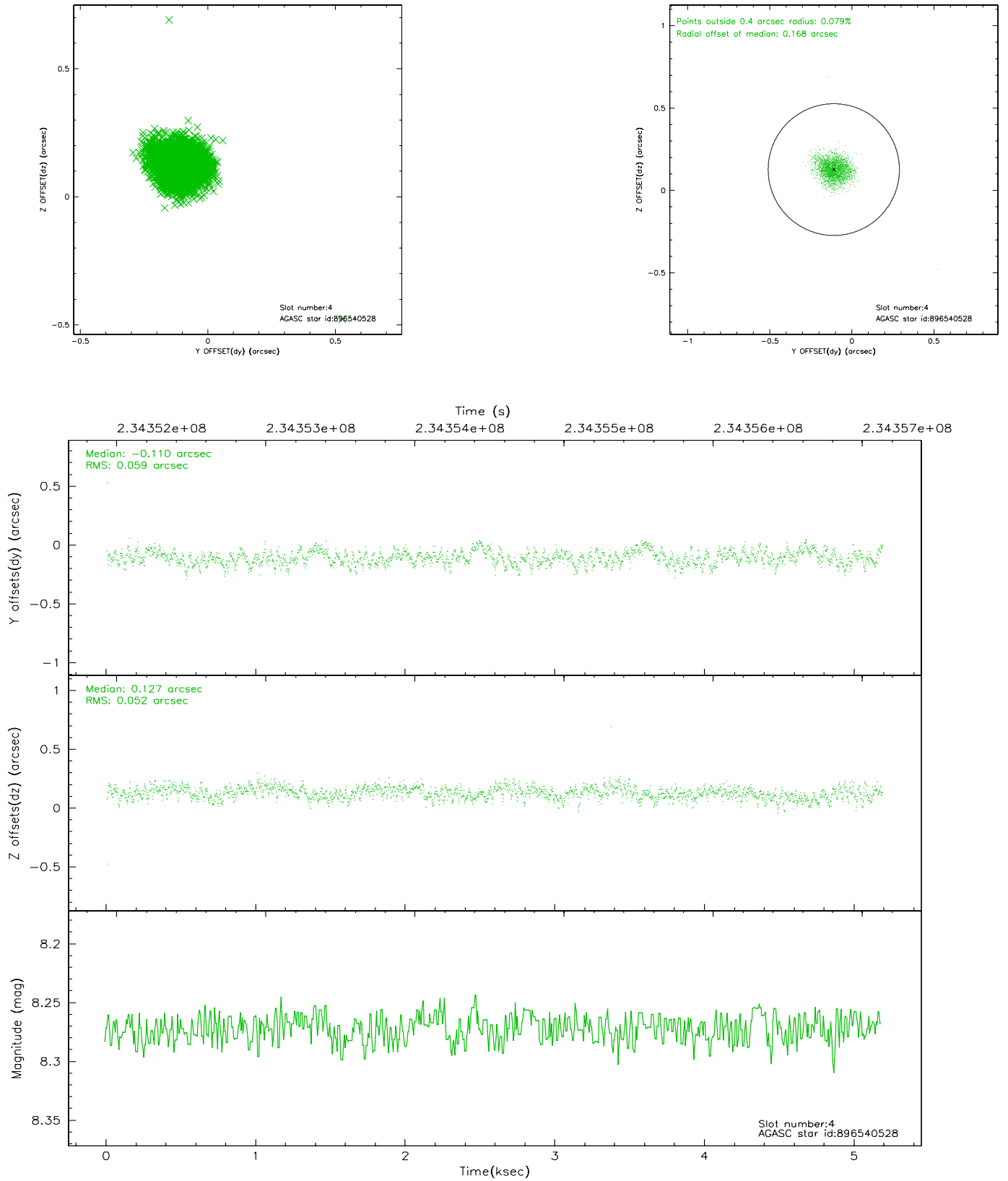
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.00	1265	0.025	-0.014	0.012	0.028	0.000000	0.000000	-762.20	-1294.77
1	FID	HRC-I-3	7.08	1265	-0.055	-0.051	0.009	0.016	0.000000	0.000000	-1191.30	1008.75
2	FID	HRC-I-4	7.03	1265	0.143	-0.022	0.011	0.025	0.000000	0.000000	1279.84	1008.13
3	GUIDE	896537776	7.54	2530	0.040	0.137	0.061	0.095	266.655684	-29.665673	-875.74	-569.65
4	GUIDE	896540528	8.27	2530	-0.110	0.127	0.083	0.128	267.368305	-29.314773	1259.38	-1992.04
5	GUIDE	896540808	7.44	2530	0.035	-0.168	0.049	0.083	265.985401	-29.308604	-691.47	1884.98
6	GUIDE	896541168	8.15	2530	0.119	-0.044	0.065	0.102	266.319970	-29.850801	-1947.33	61.30
7	GUIDE	896537176	8.03	2529	-0.089	-0.050	0.055	0.089	266.498272	-28.678259	2063.88	1487.98

2.4 Star Slots

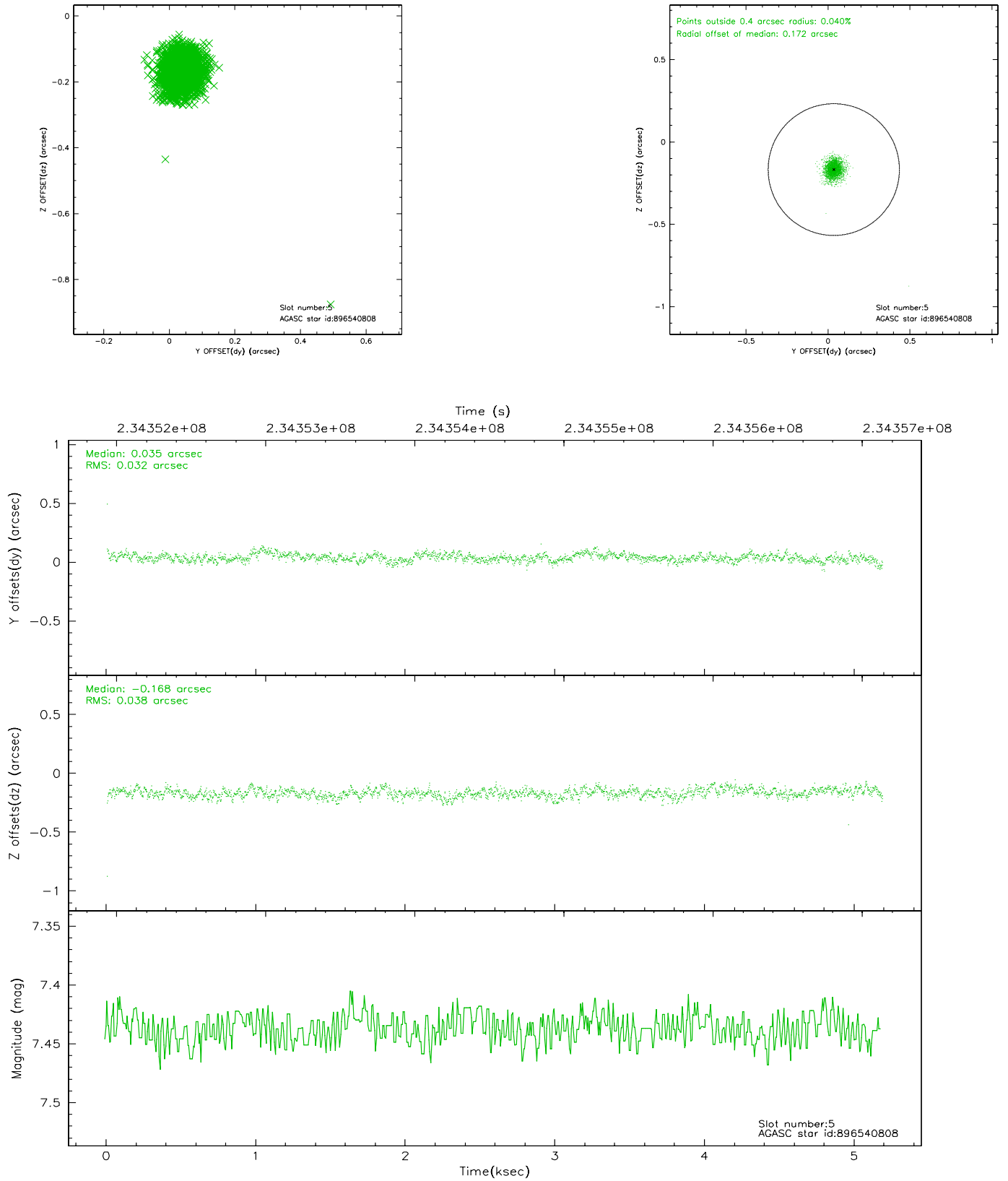
2.4.1 Slot 3



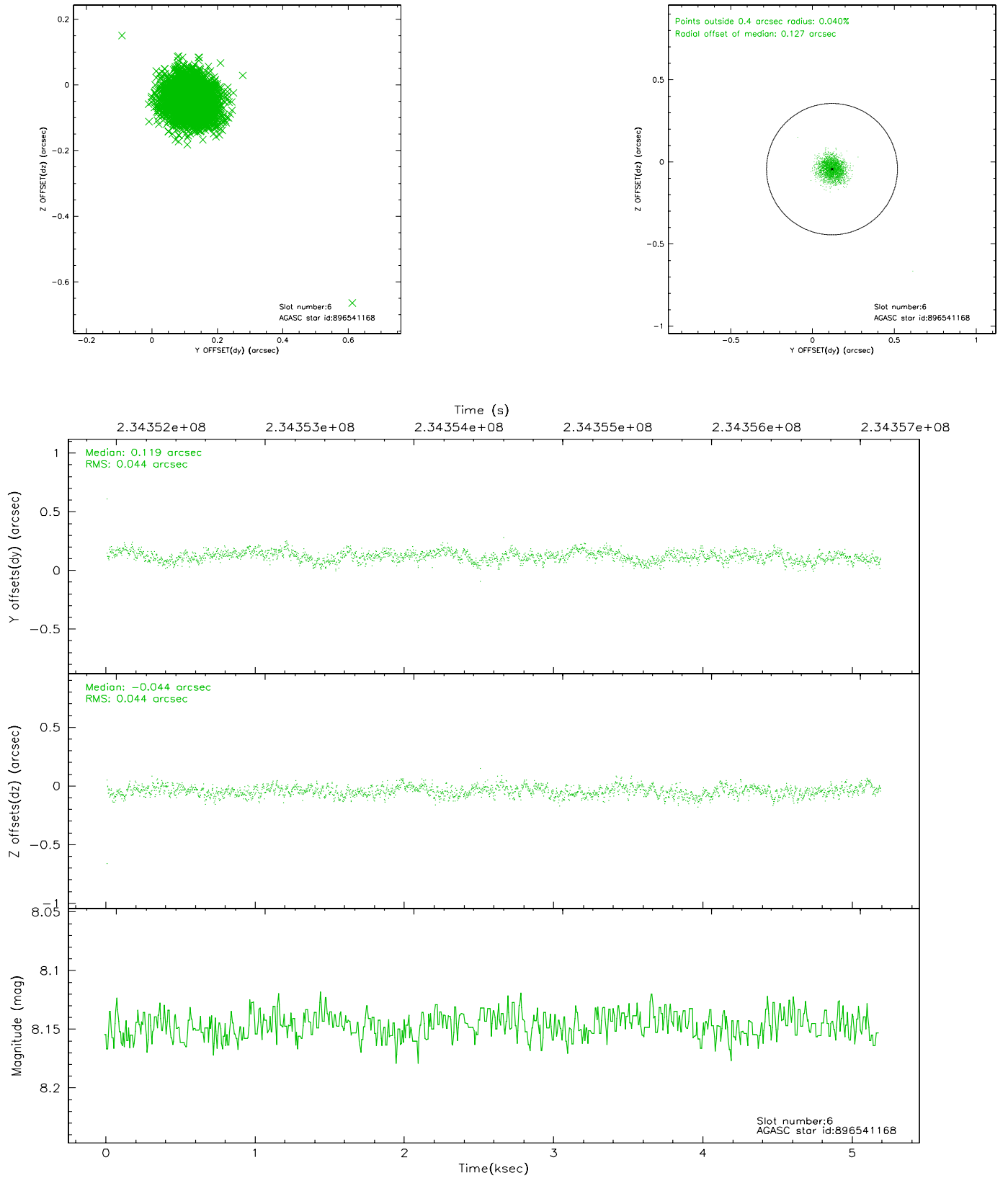
2.4.2 Slot 4



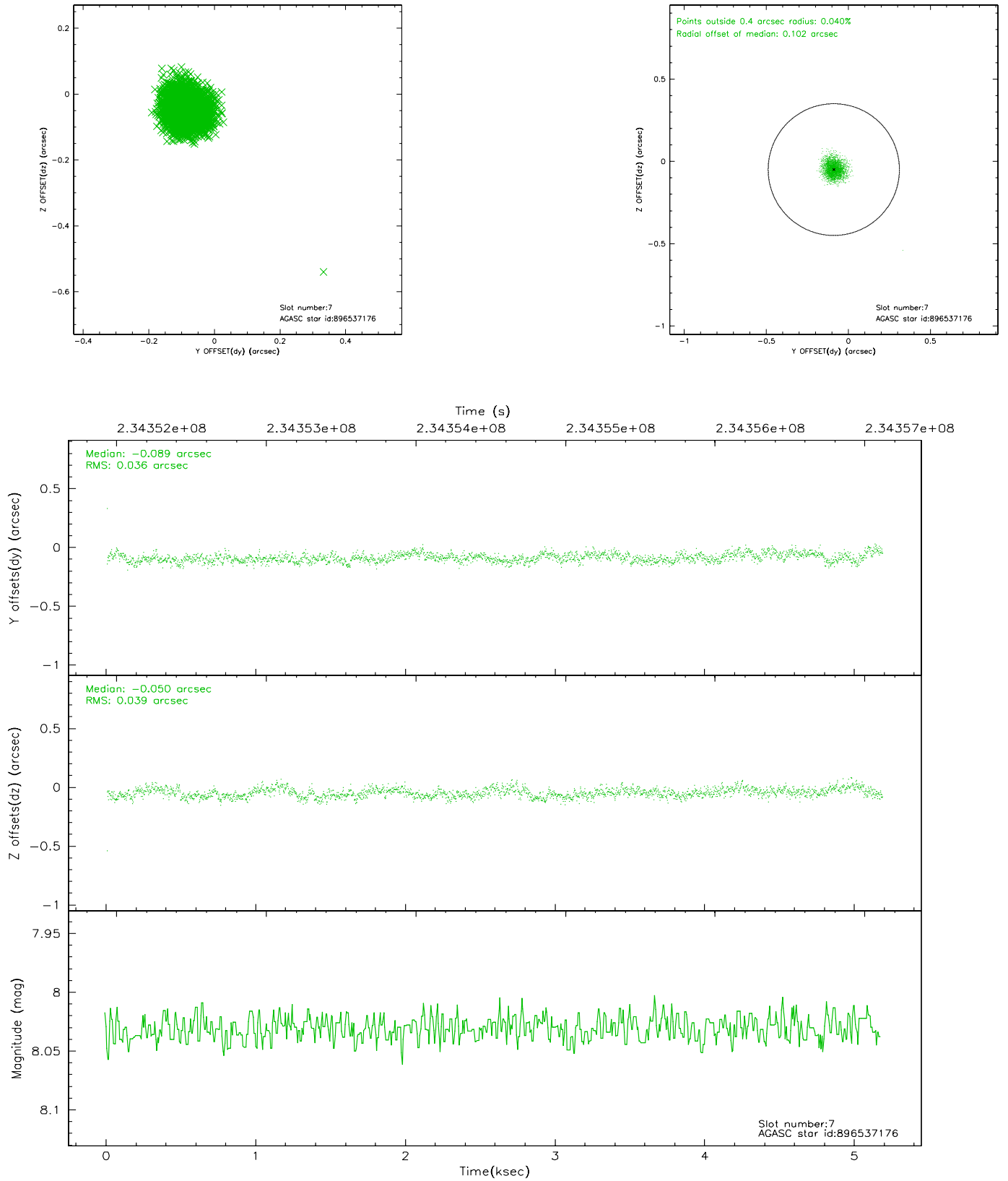
2.4.3 Slot 5



2.4.4 Slot 6

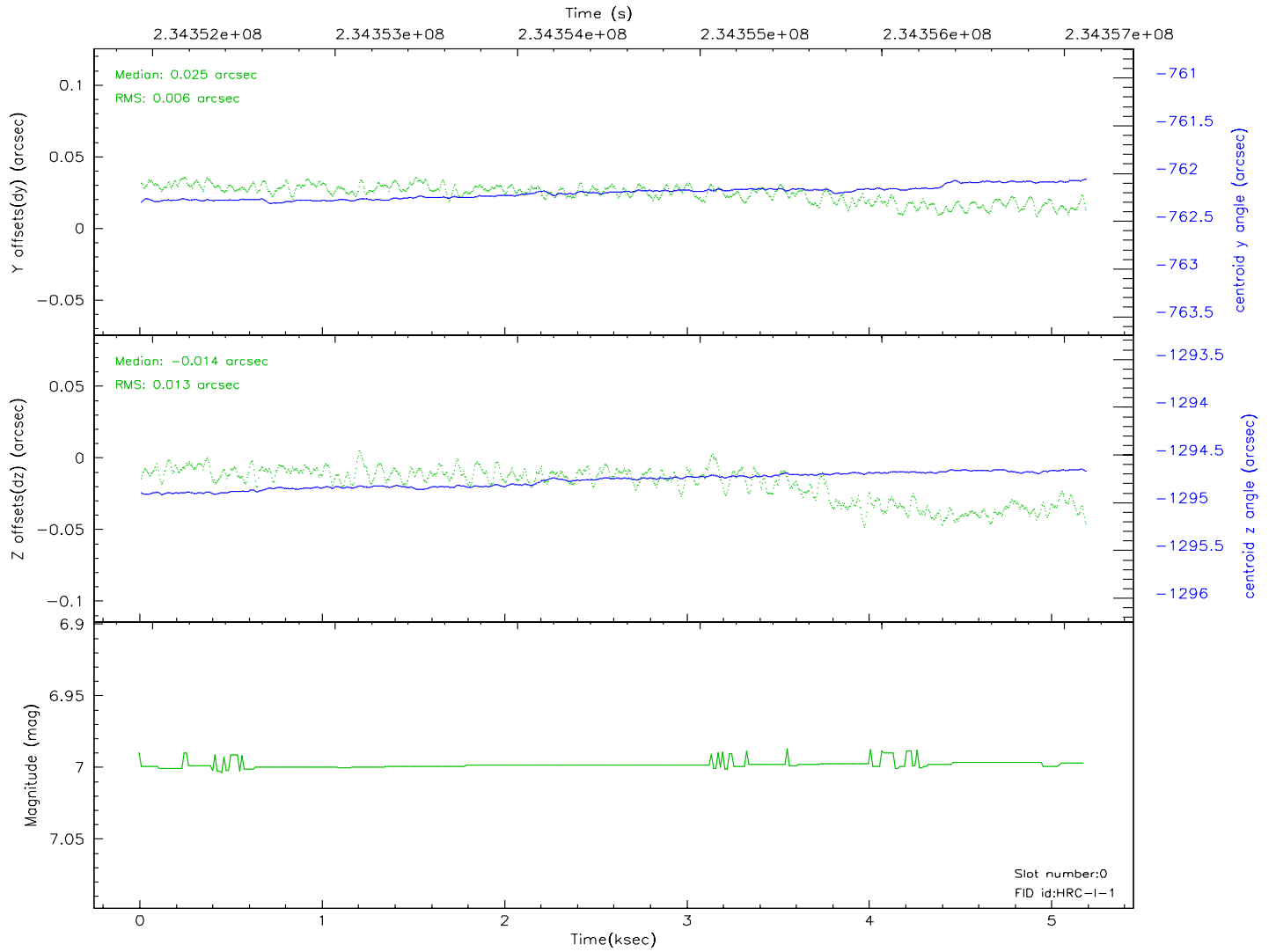
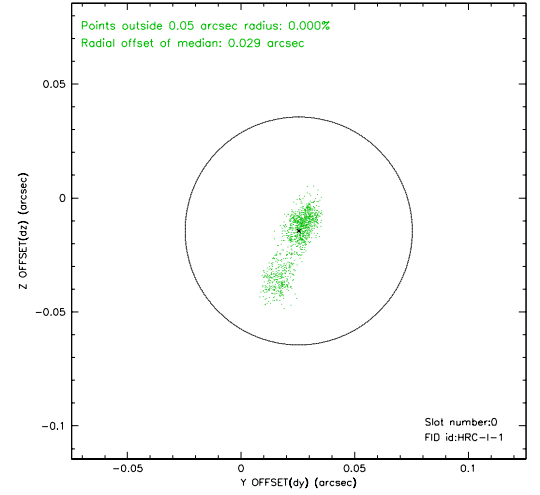
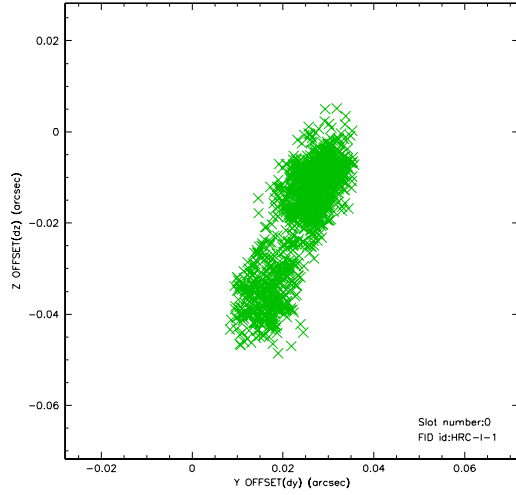


2.4.5 Slot 7

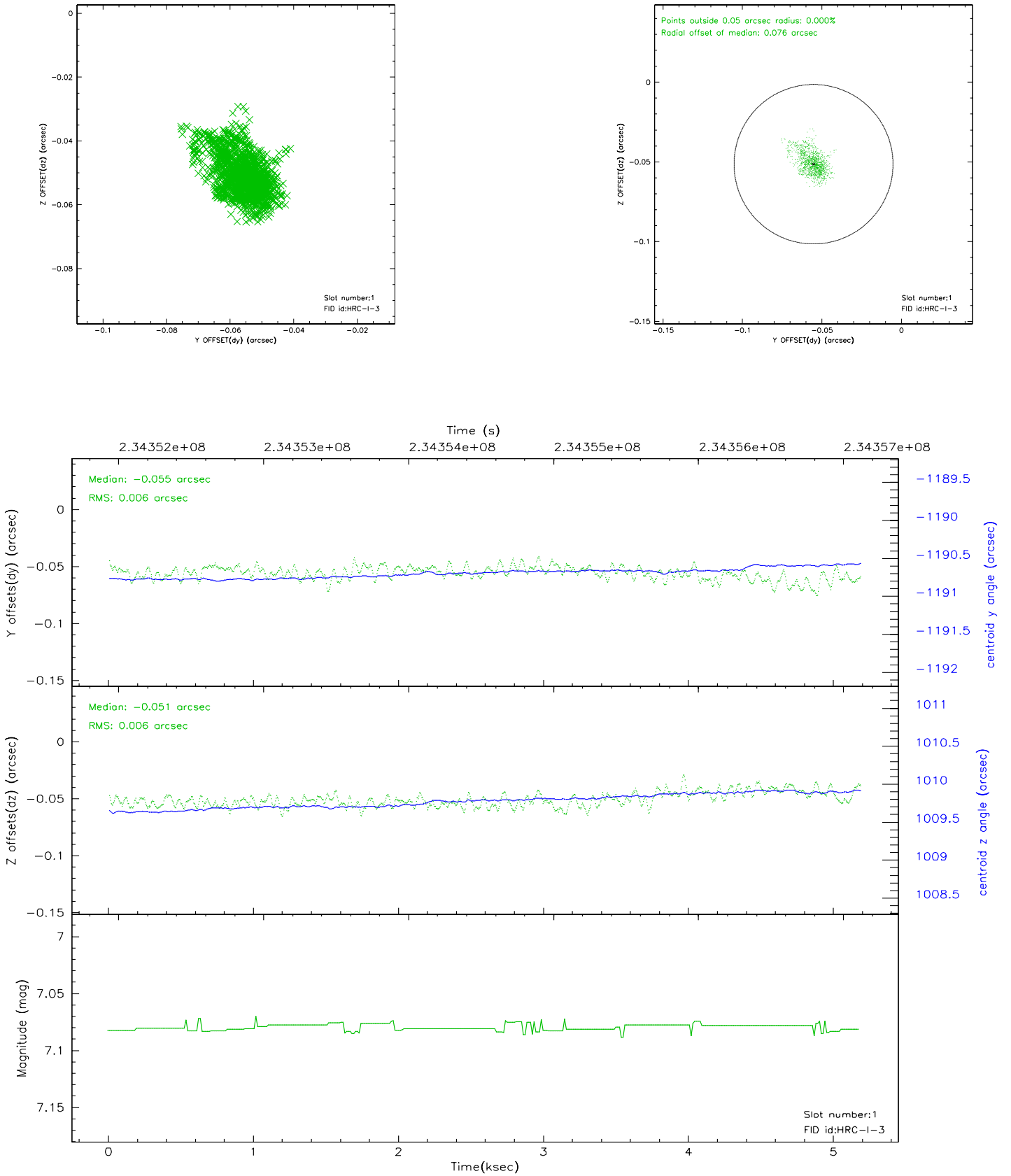


2.5 FID Slots

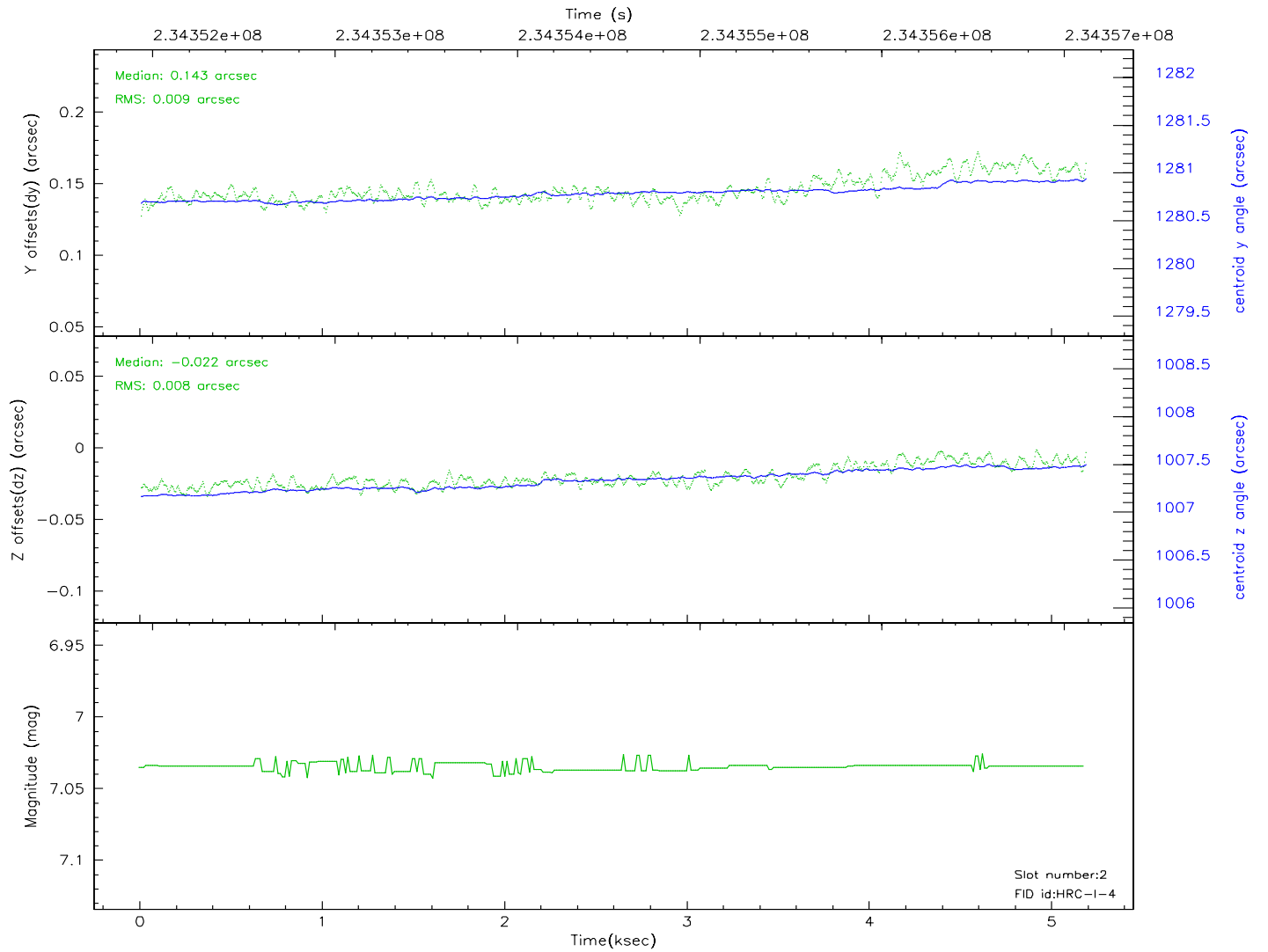
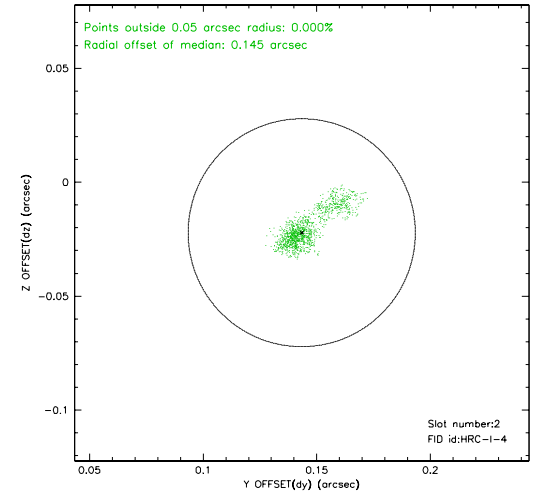
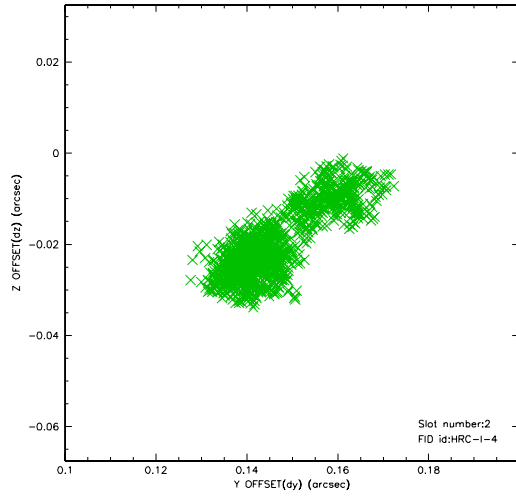
2.5.1 Slot 0



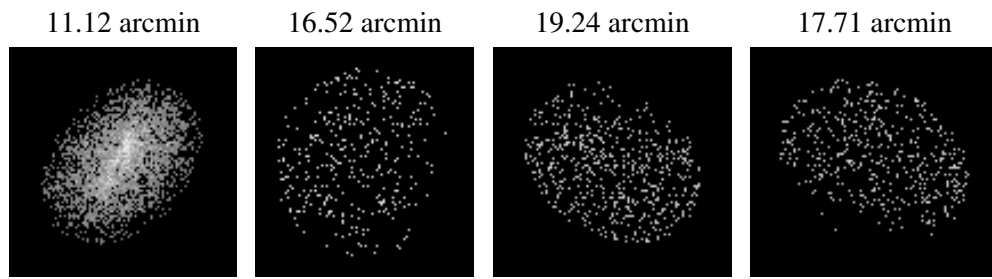
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.12.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.183681

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.