

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 2908 - L2 Version 3
Chandra X-Ray Center

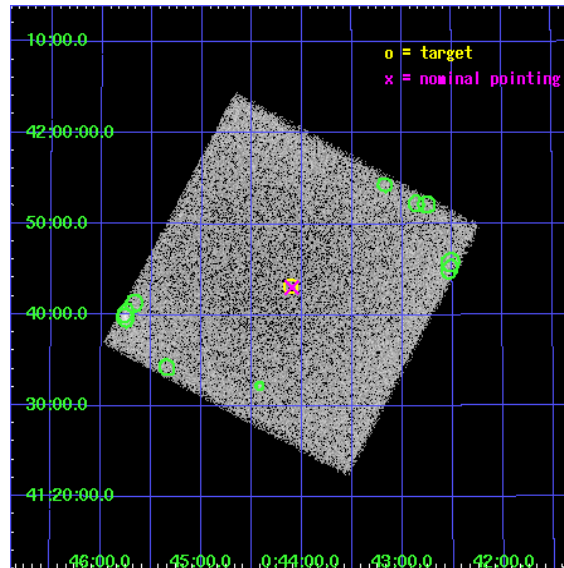
L2 Processing Date : Nov 20 2007

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1 Front

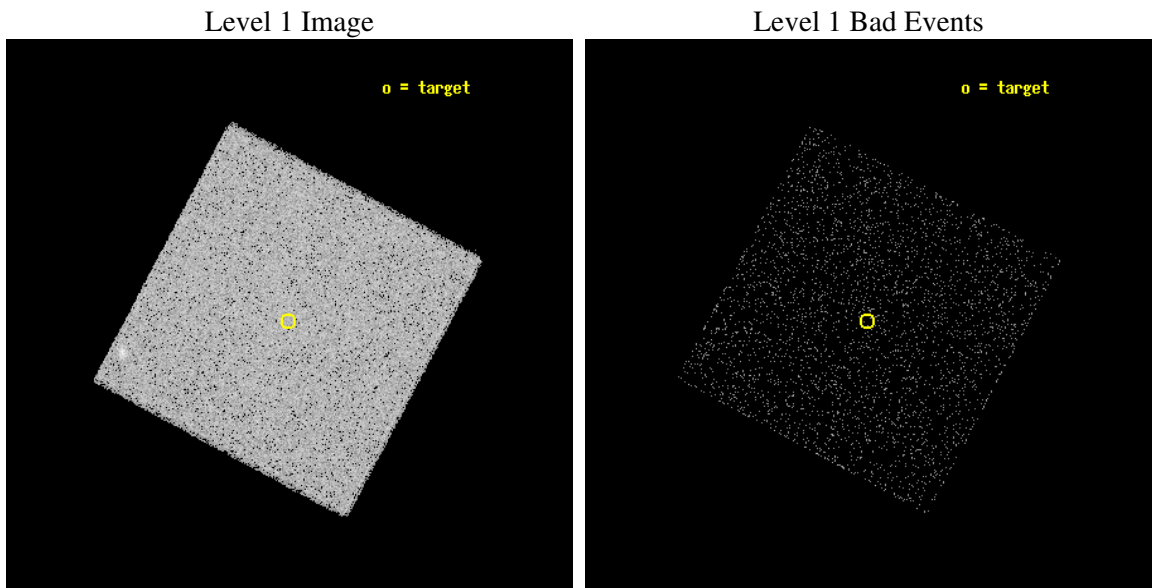
seq_num	600245
obs_id	2908
title	SEARCHING FOR X-RAY TRANSIENTS IN M31 WITH CHANDRA AND HST
observer	Dr. MICHAEL GARCIA
object	M31-N1
ra_targ	11.029167
dec_targ	41.721
ra_nom	11.025267553336
dec_nom	41.717618410504
roll_nom	253.15460126527
revision	3
ontime	1185.9250473976
livetime	1172.6441348978
l2events	93486



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	2007-11-20T20:10:20
revision	3

sched_exp_time	1000.000000
ontime	1185.9250473976
l1events	195561

2.1.3 Events

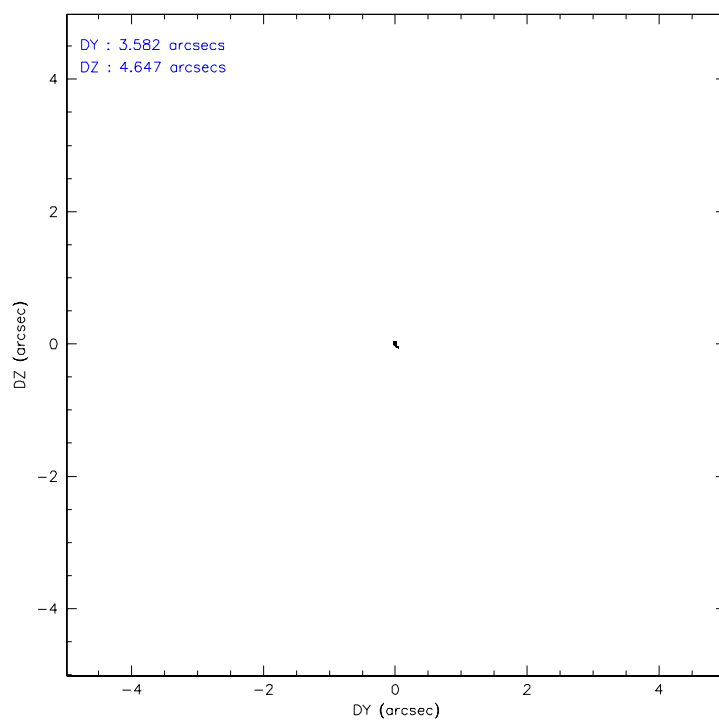
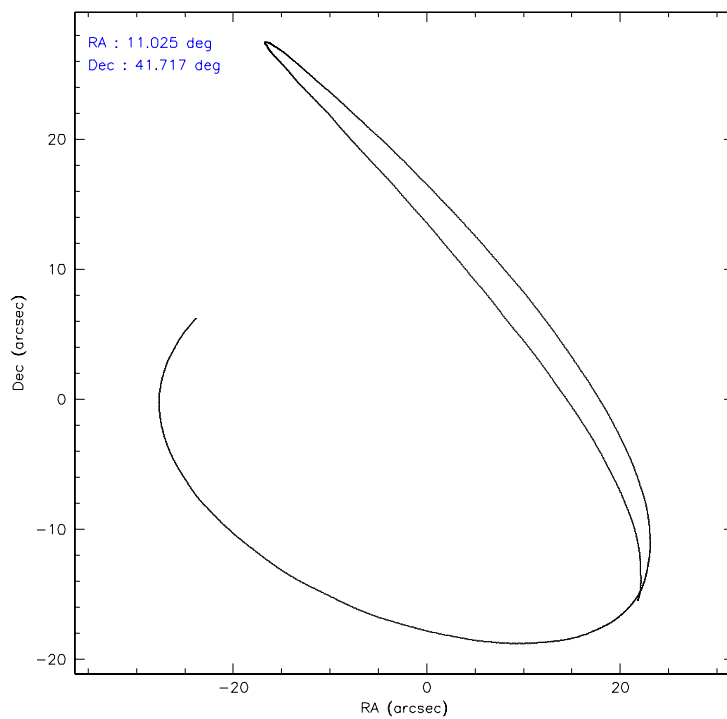
Level 1 Events

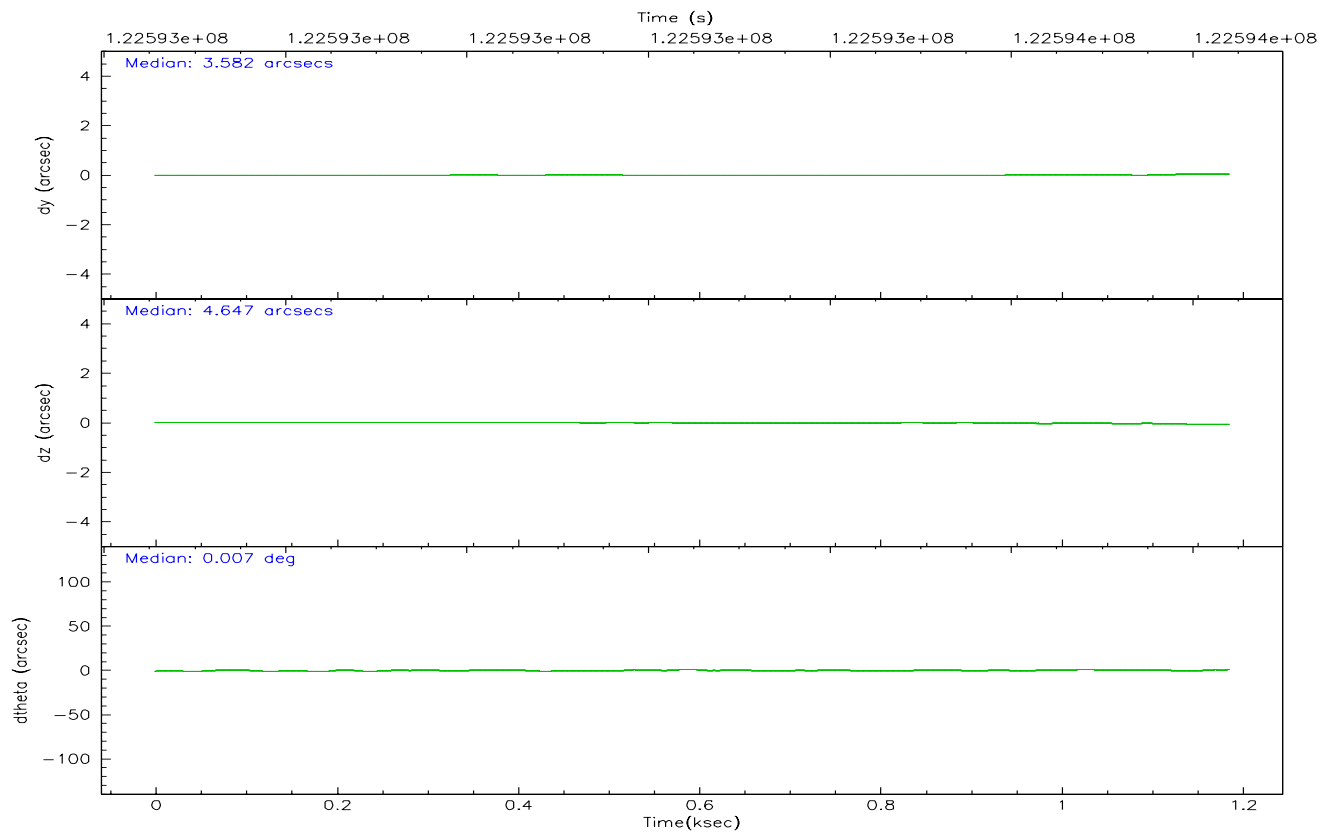
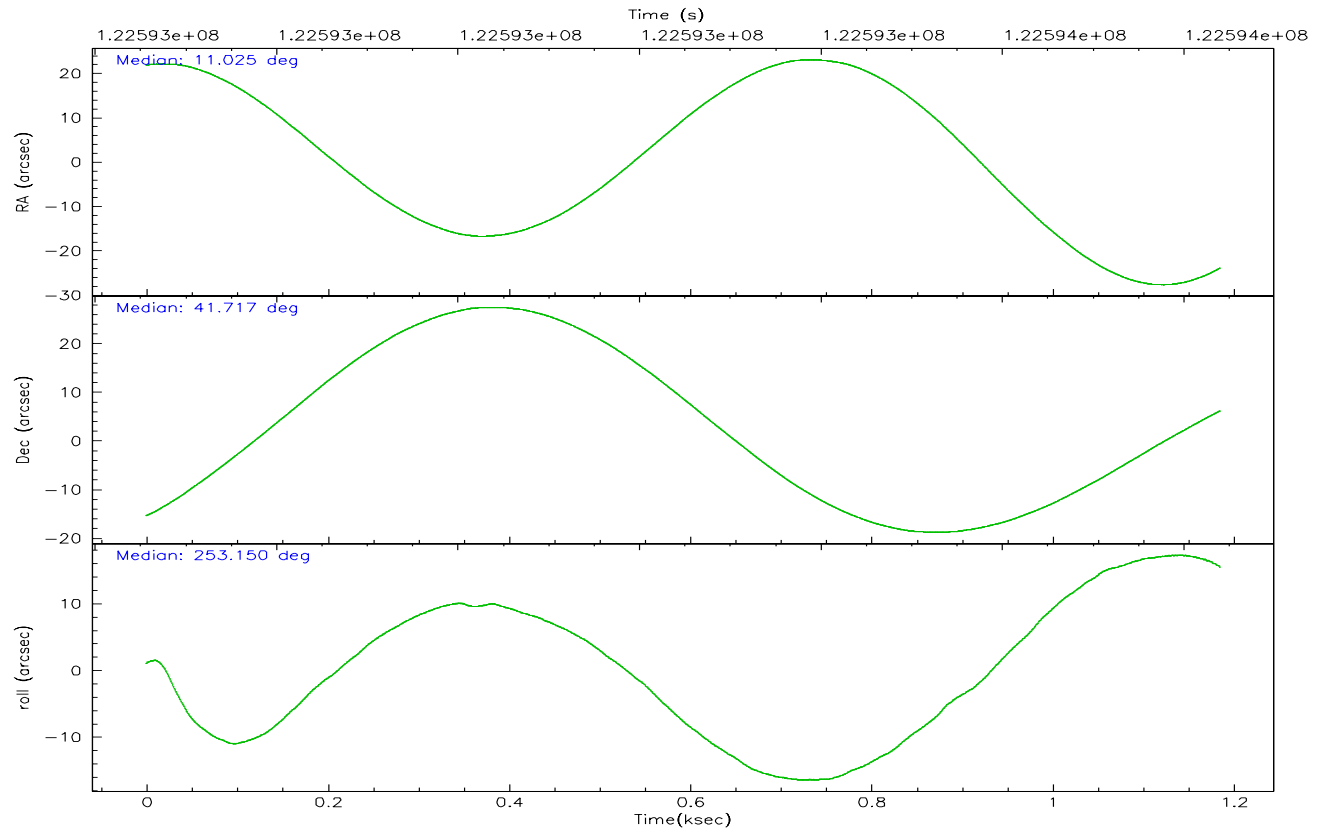
	segment 0
level 1 events	195561
rejected events	45359
rejected %	23%

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	11.016534	11.02526755333598			
Pointing Dec	41.744025	41.71761841050365			
Pointing Roll	253.255814	253.1546012652729			
Window start time	122515264.184000	122515264.184000			
Window stop time	123120064.184000	123120064.184000			
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	122592841.184000	122592465.39115			
Observation start date	2001-11-19T21:32:57	2001-11-19T21:27:45			
Observation end time	122593841.184000	122593975.21621			
Observation end date	2001-11-19T21:49:37	2001-11-19T21:52:55			

2.3 Aspect



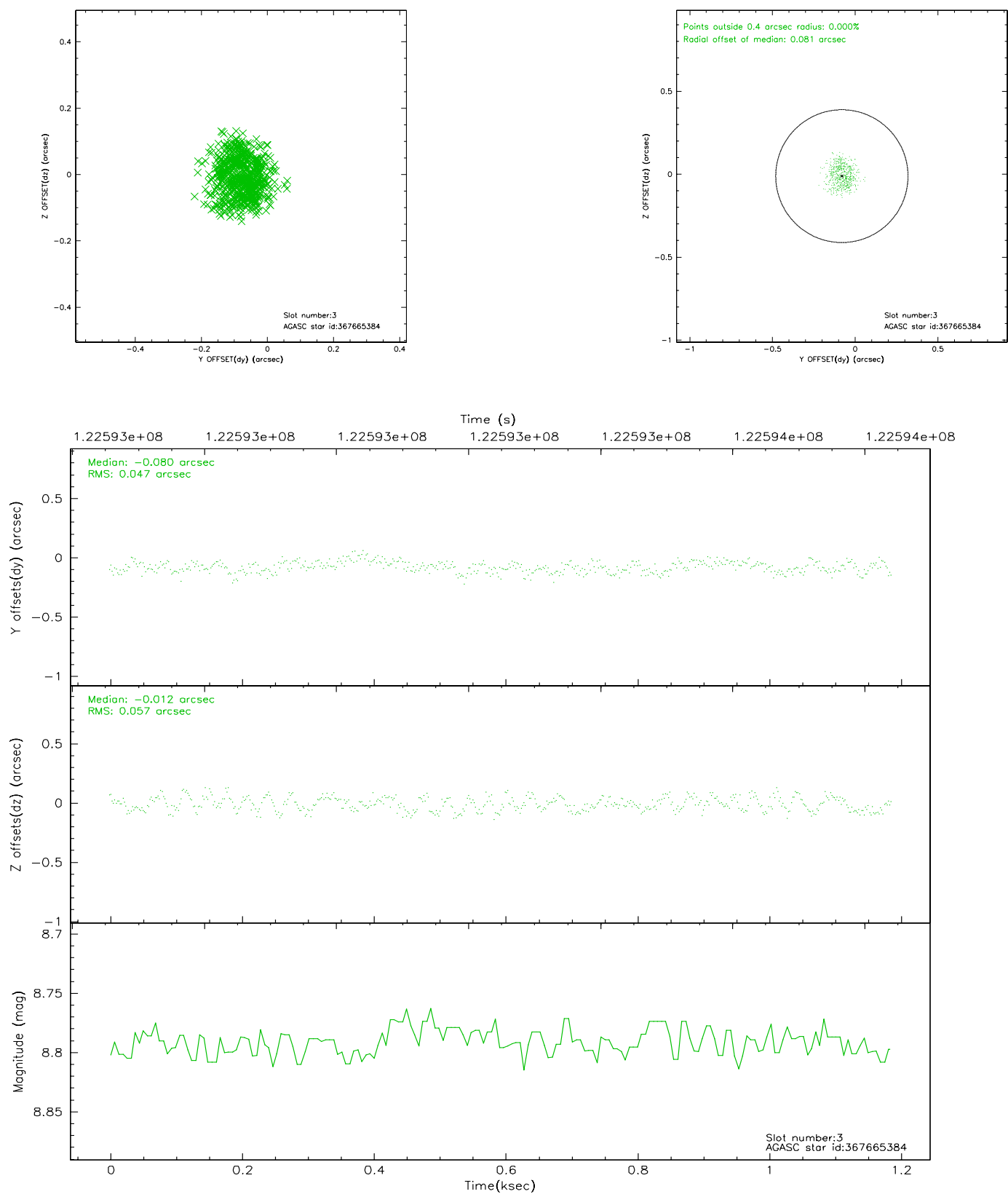


Slot Statistics

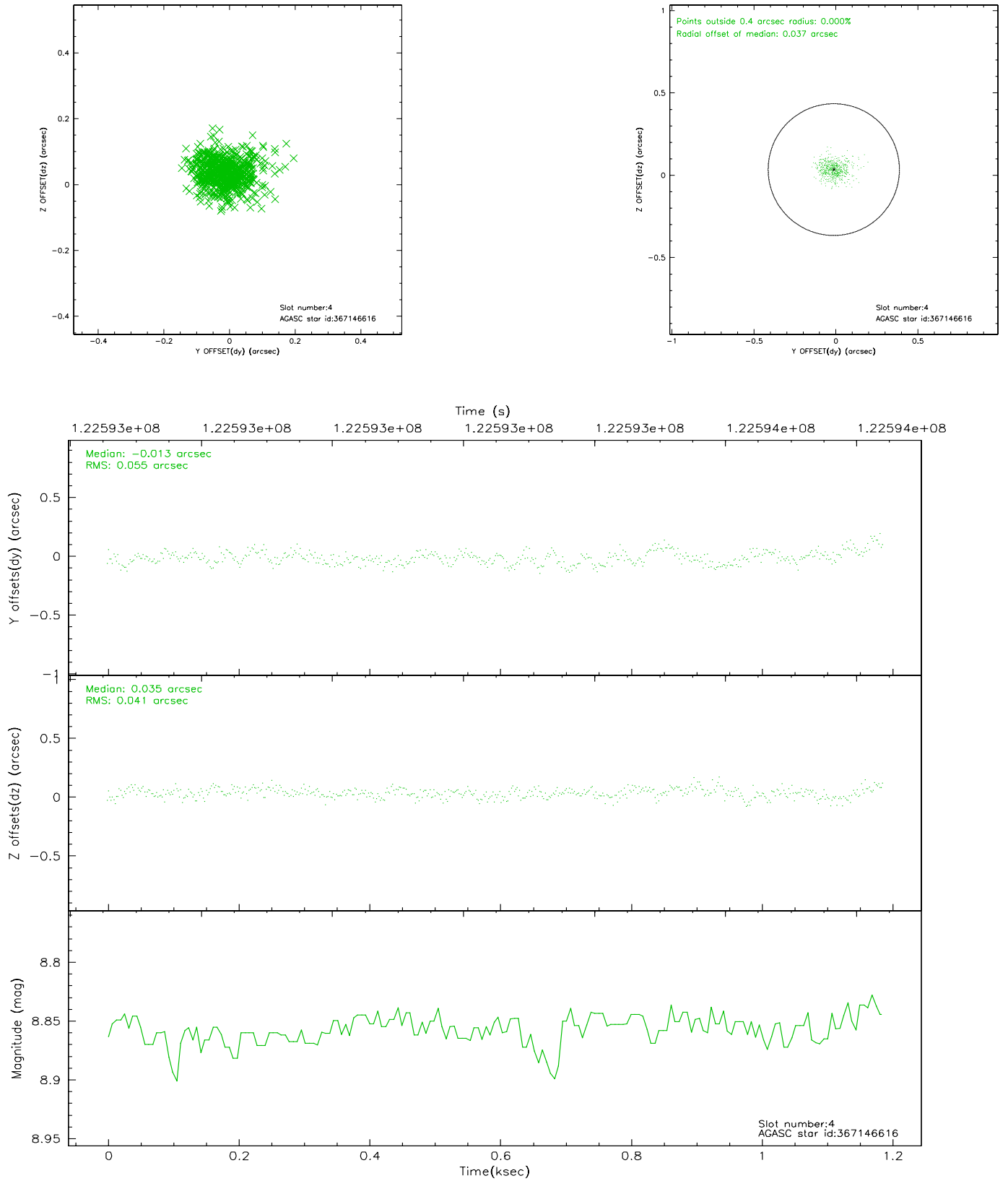
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	290	0.015	0.079	0.006	0.009	0.000000	0.000000	-759.03	-1292.36
1	FID	HRC-I-2	7.00	290	0.078	-0.070	0.005	0.012	0.000000	0.000000	851.04	-1298.50
2	FID	HRC-I-3	7.05	290	0.025	-0.098	0.005	0.009	0.000000	0.000000	-1184.62	1007.54
3	GUIDE	367665384	8.79	580	-0.080	-0.012	0.080	0.120	10.414363	42.275730	-1375.98	-2088.55
4	GUIDE	367146616	8.86	580	-0.013	0.035	0.073	0.121	11.418645	41.190163	1590.86	1614.16
5	GUIDE	367657896	9.02	580	0.045	-0.011	0.067	0.104	11.197765	41.313576	1345.22	919.14
6	GUIDE	367659208	9.31	579	-0.031	0.023	0.103	0.171	11.848231	42.124331	-1958.87	1731.19
7	GUIDE	367665472	9.48	579	0.079	-0.023	0.094	0.153	10.241611	41.730843	633.37	-1978.99

2.4 Star Slots

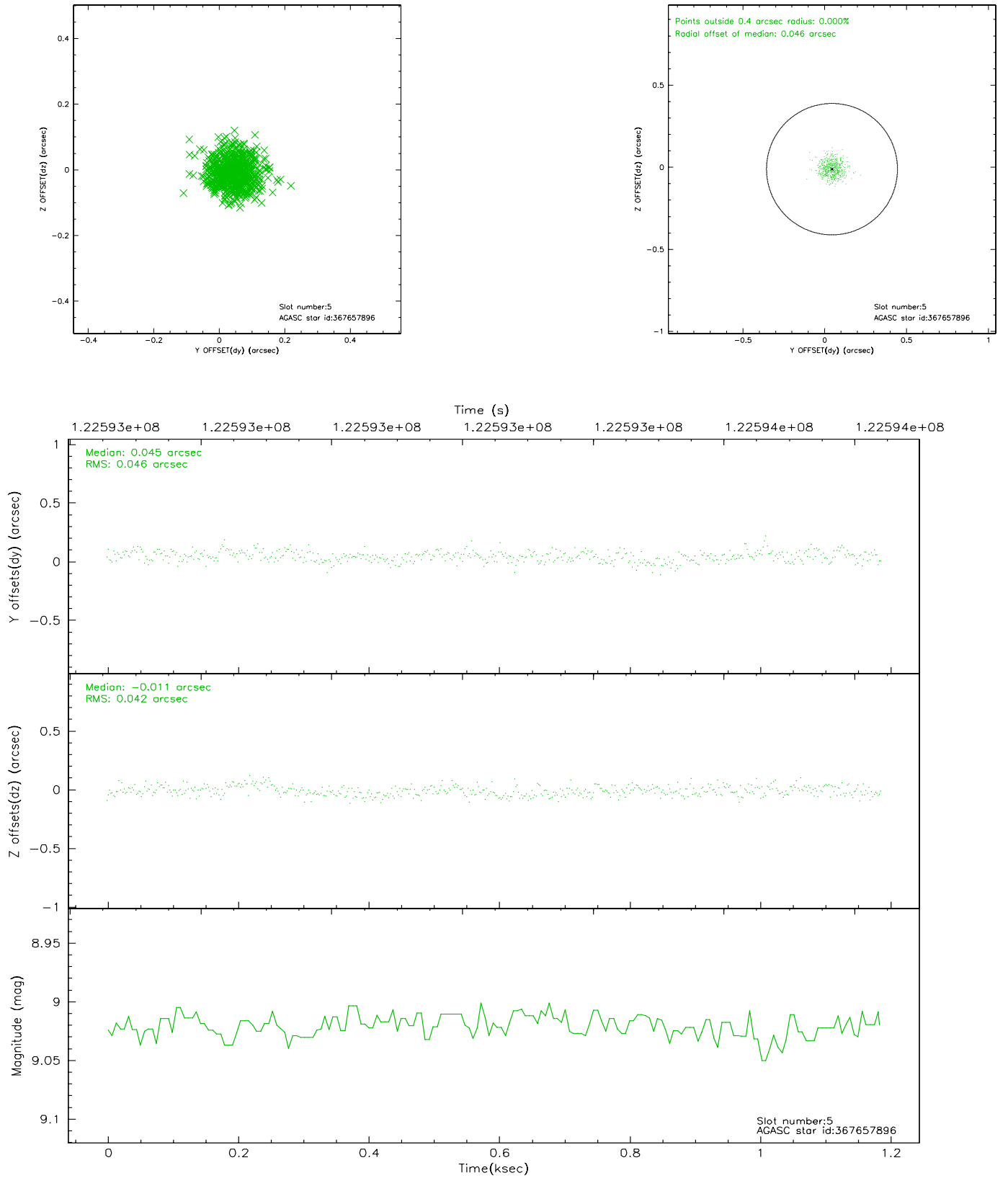
2.4.1 Slot 3



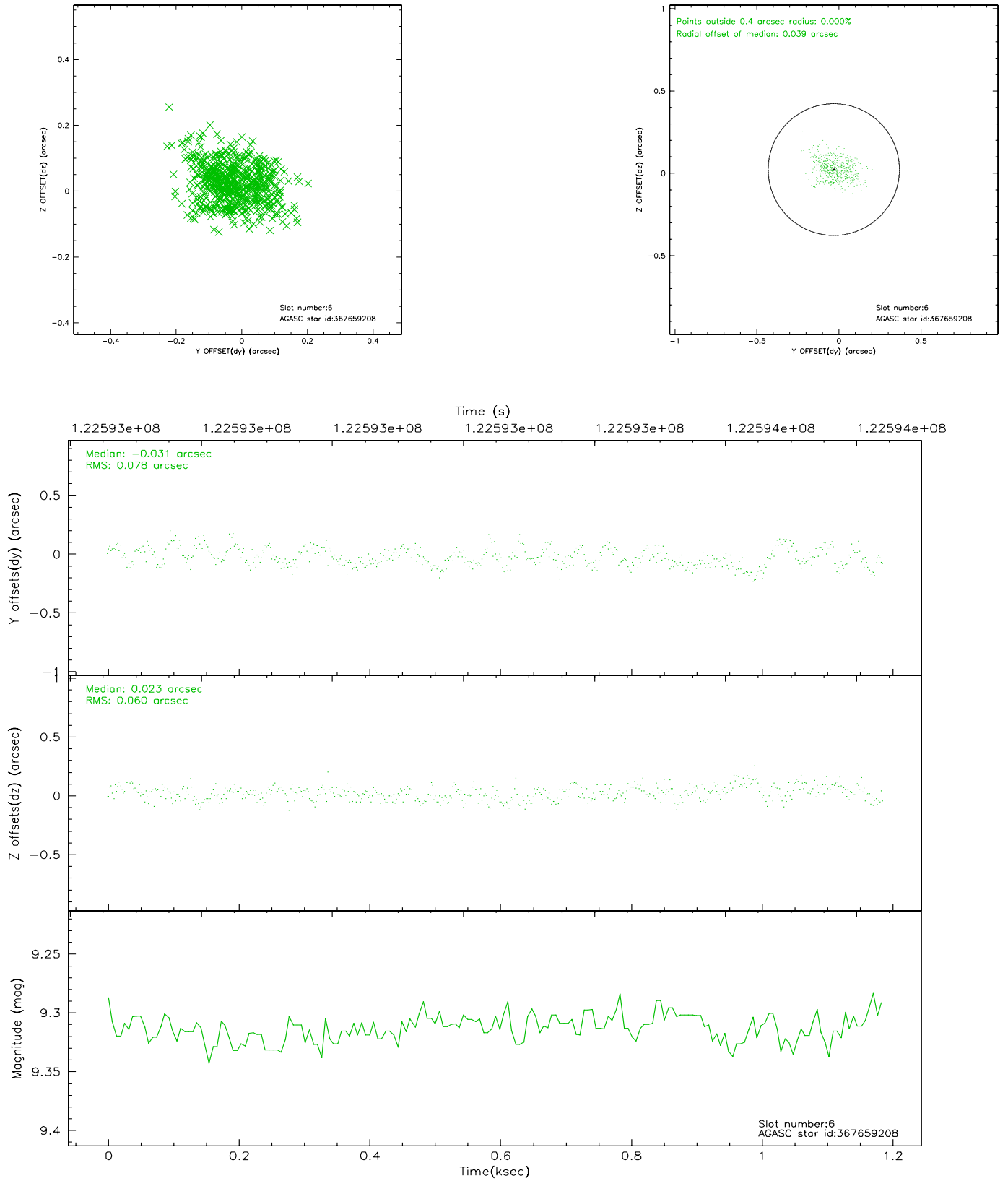
2.4.2 Slot 4



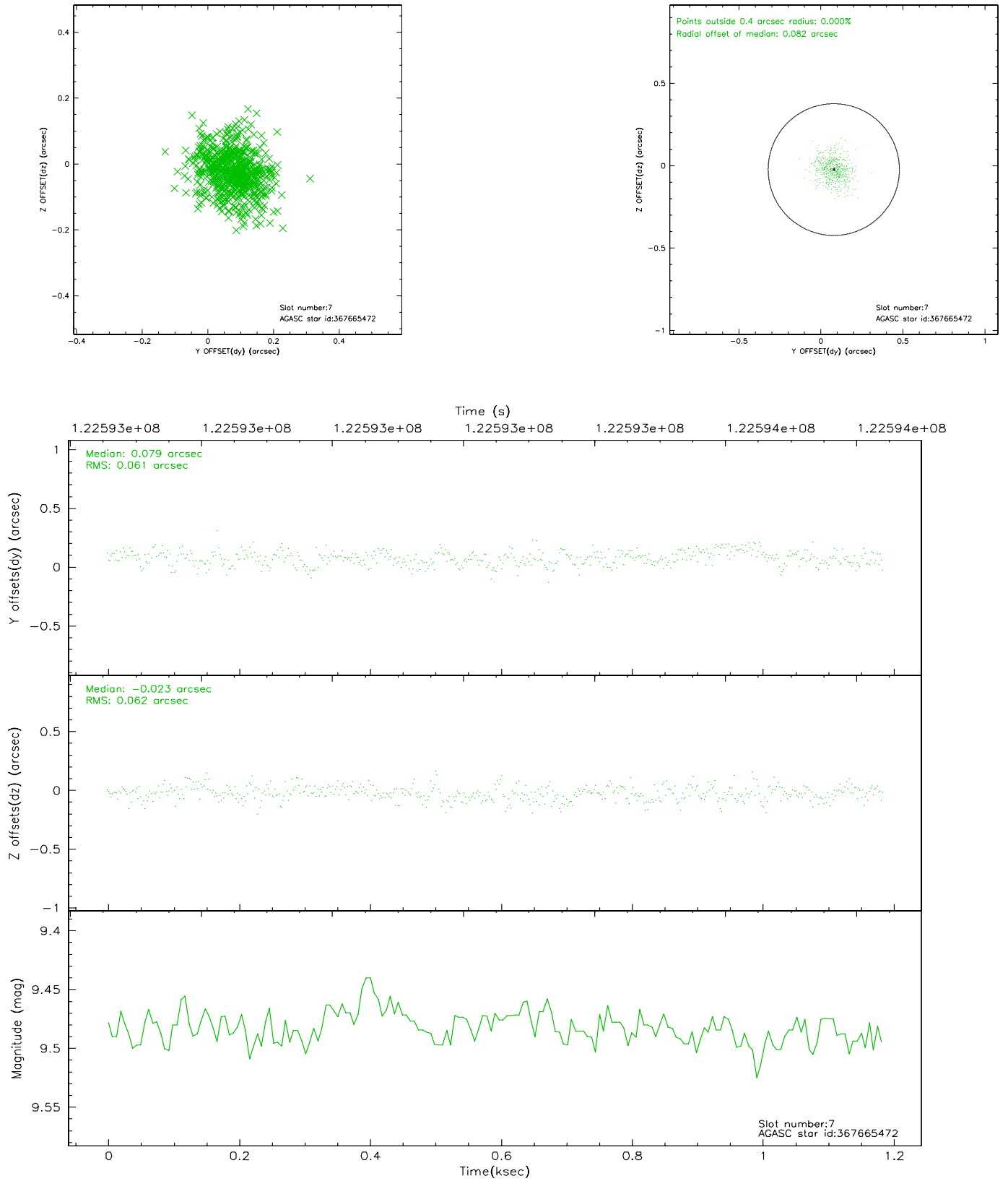
2.4.3 Slot 5



2.4.4 Slot 6

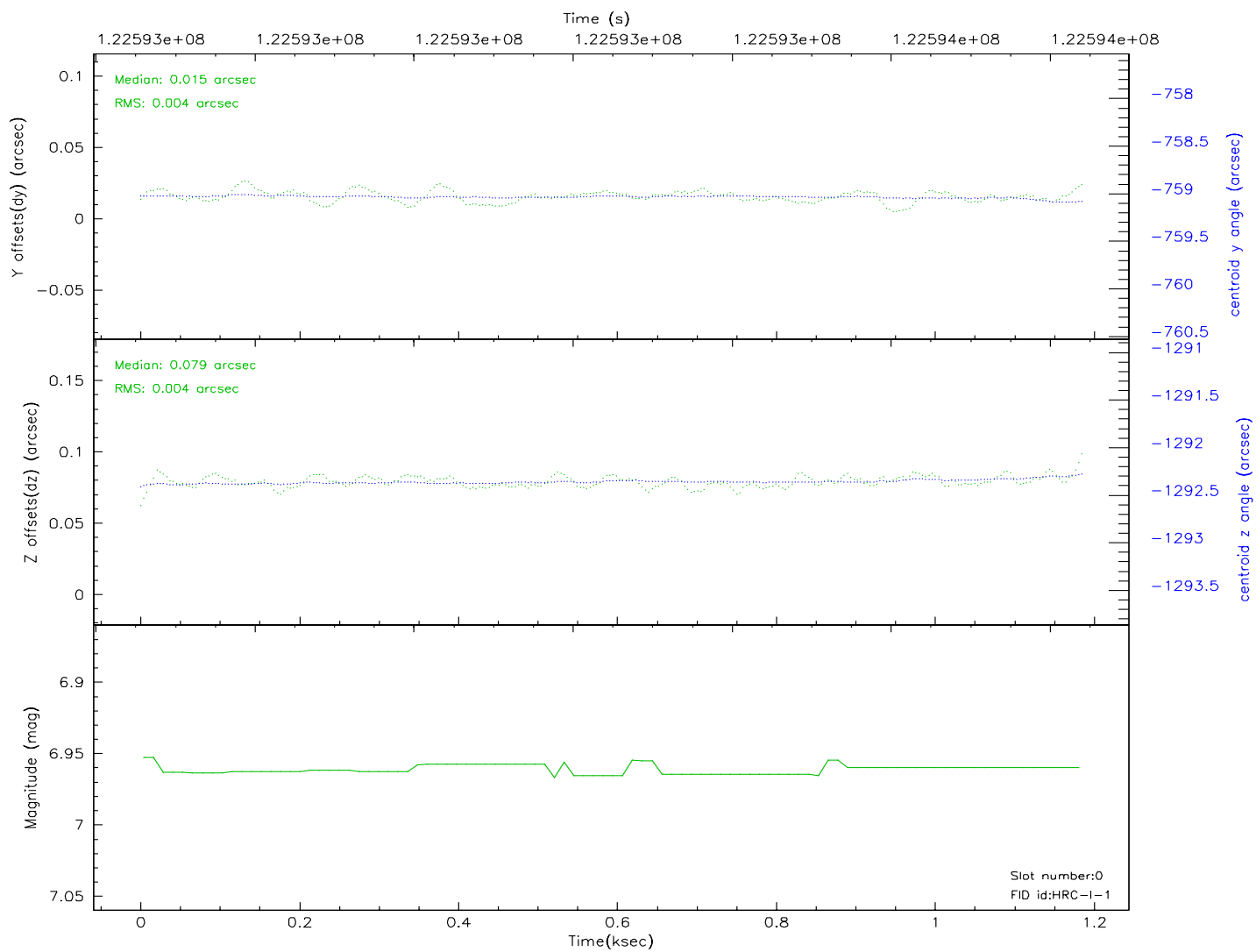
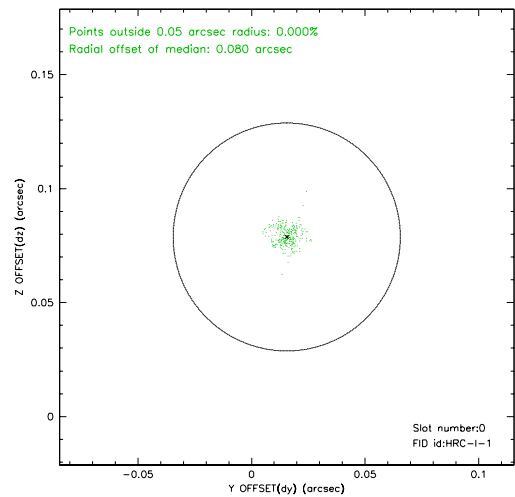
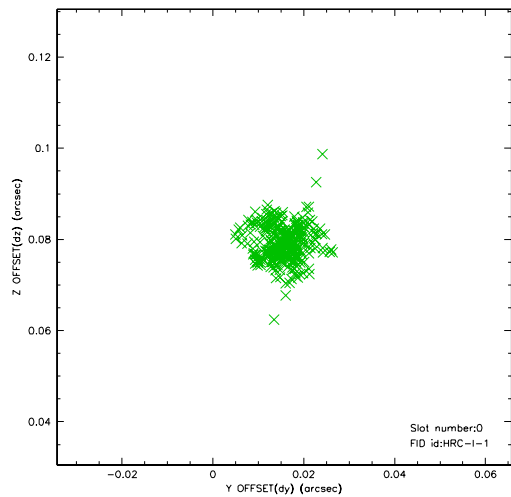


2.4.5 Slot 7

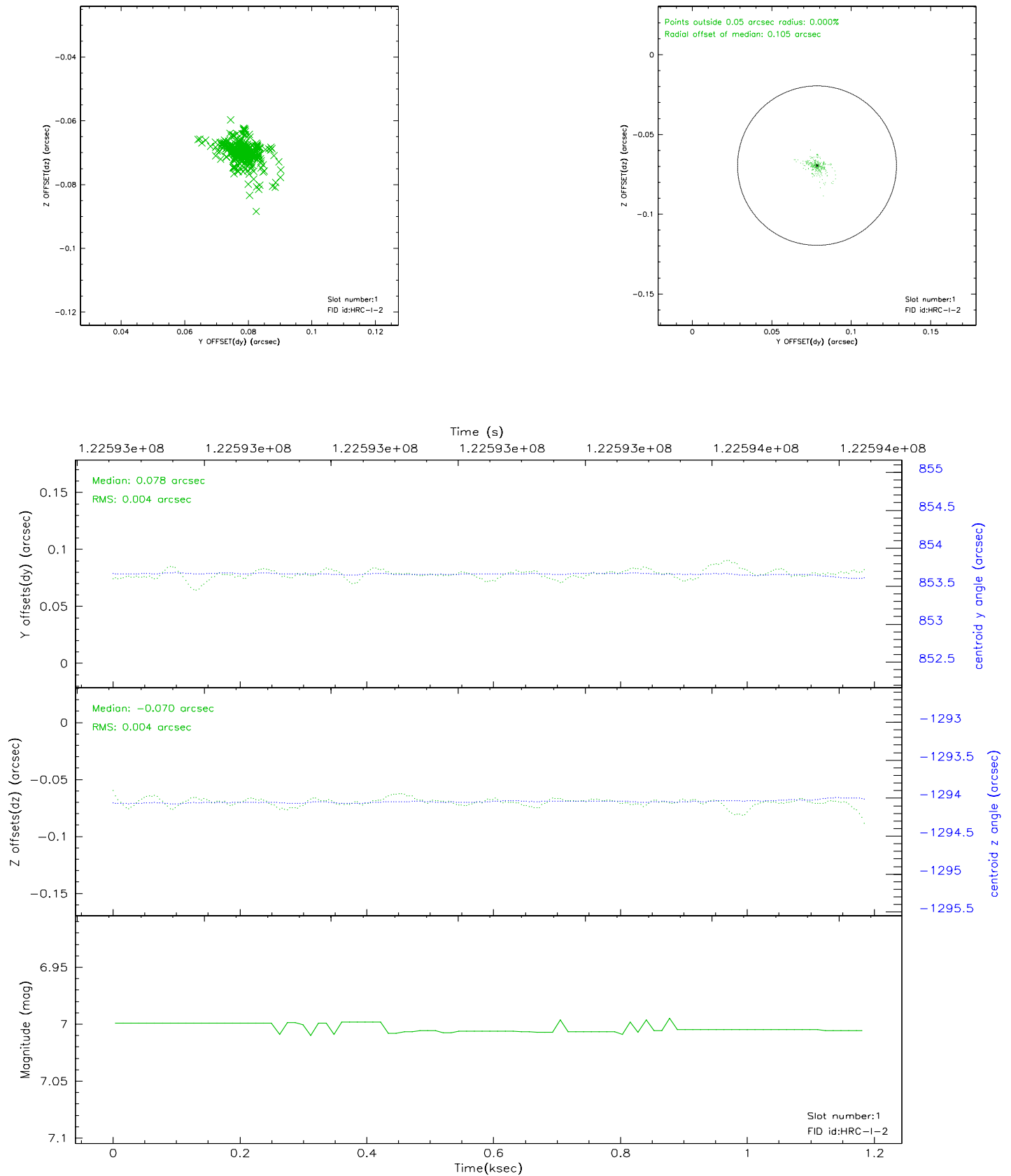


2.5 FID Slots

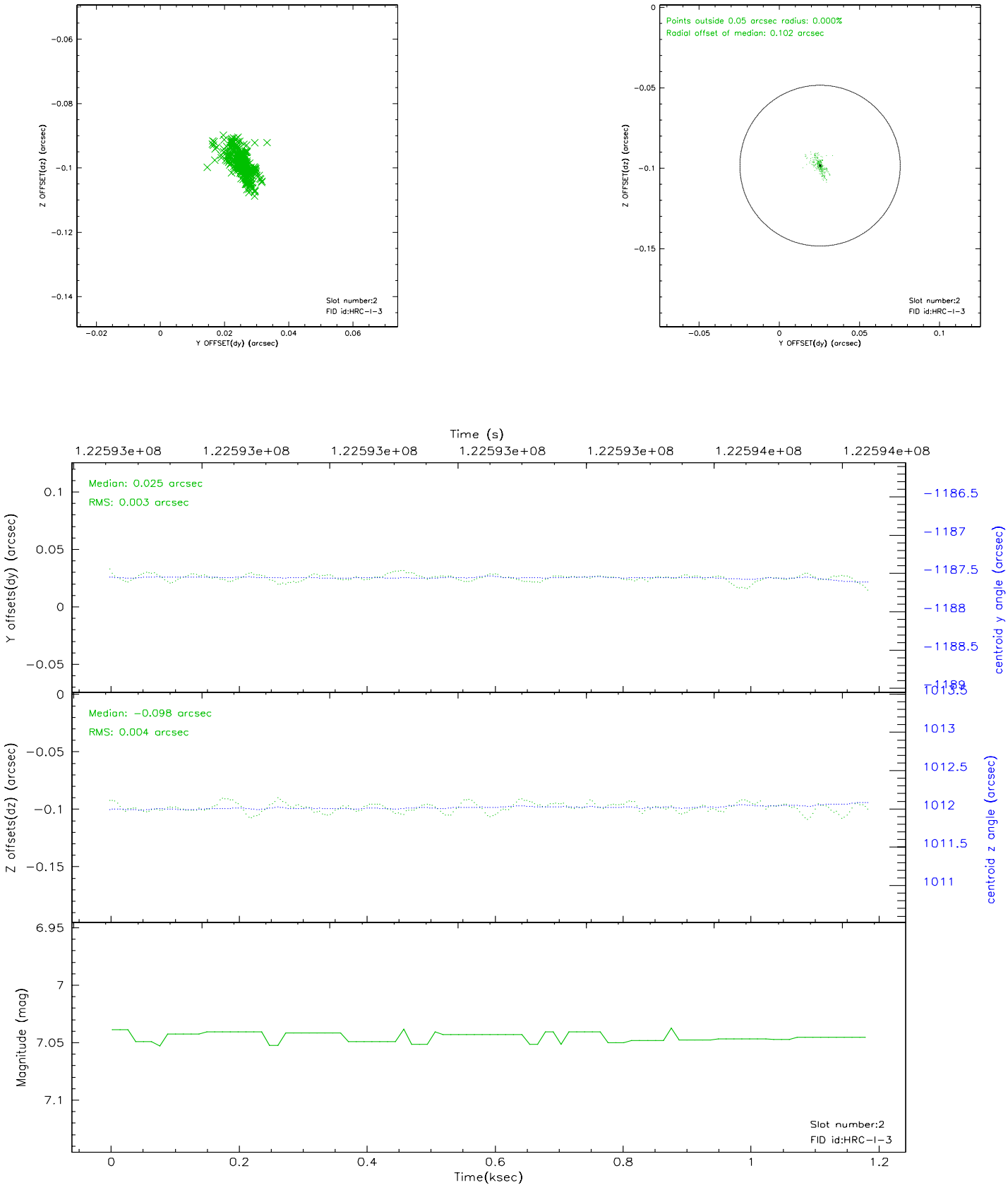
2.5.1 Slot 0



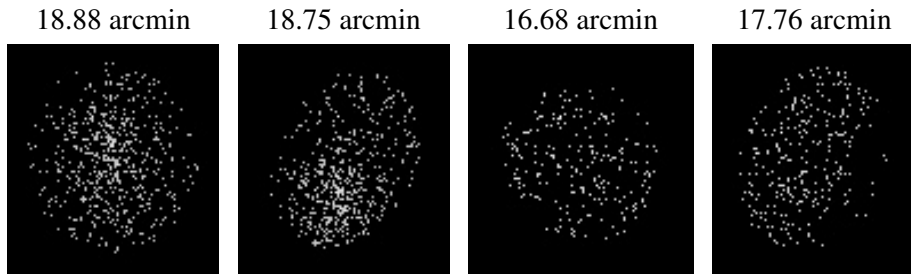
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	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	1.186

A.2 Comments

Window constraint met.

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.