

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 2904 - L2 Version 3
Chandra X-Ray Center

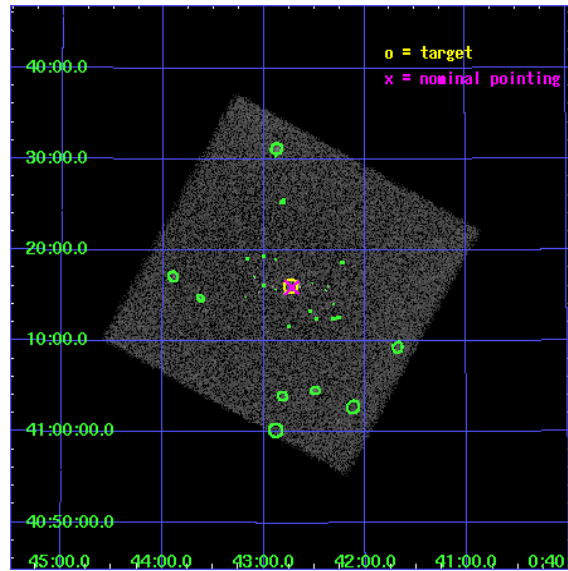
L2 Processing Date : Nov 20 2007

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1 Front

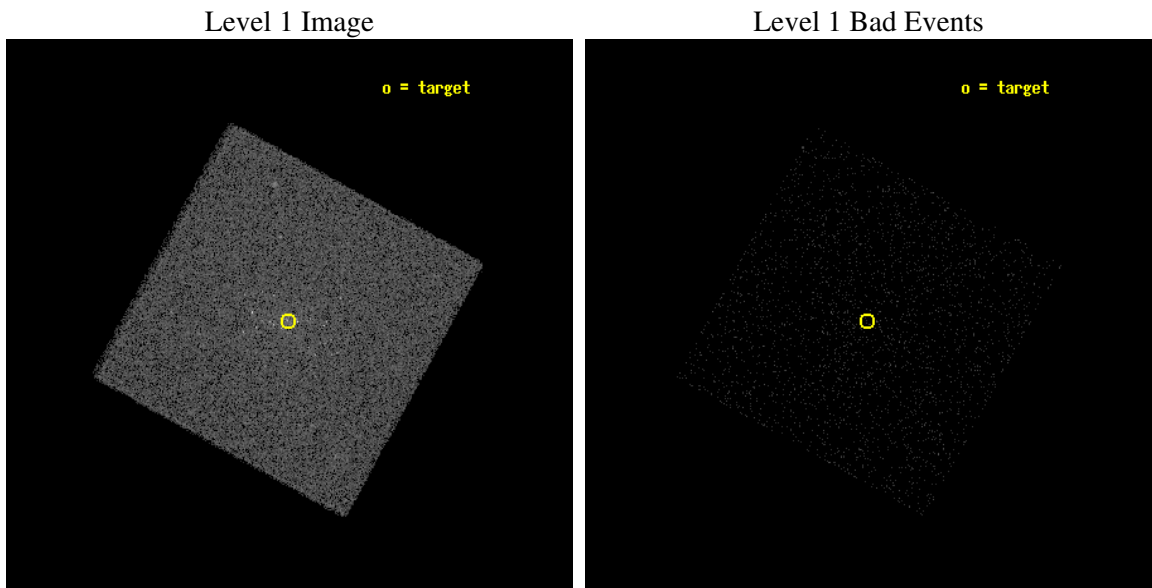
seq_num	600241
obs_id	2904
title	SEARCHING FOR X-RAY TRANSIENTS IN M31 WITH CHANDRA AND HST
observer	Dr. MICHAEL GARCIA
object	M31-CORE
ra_targ	10.685
dec_targ	41.268972
ra_nom	10.680941467322
dec_nom	41.265641779695
roll_nom	253.89811059338
revision	3
ontime	1192.3312976658
livetime	1181.6452654507
l2events	71766



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	2007-11-20T20:10:33
revision	3

sched_exp_time	1000.000000
ontime	1192.3312976658
l1events	148043

2.1.3 Events

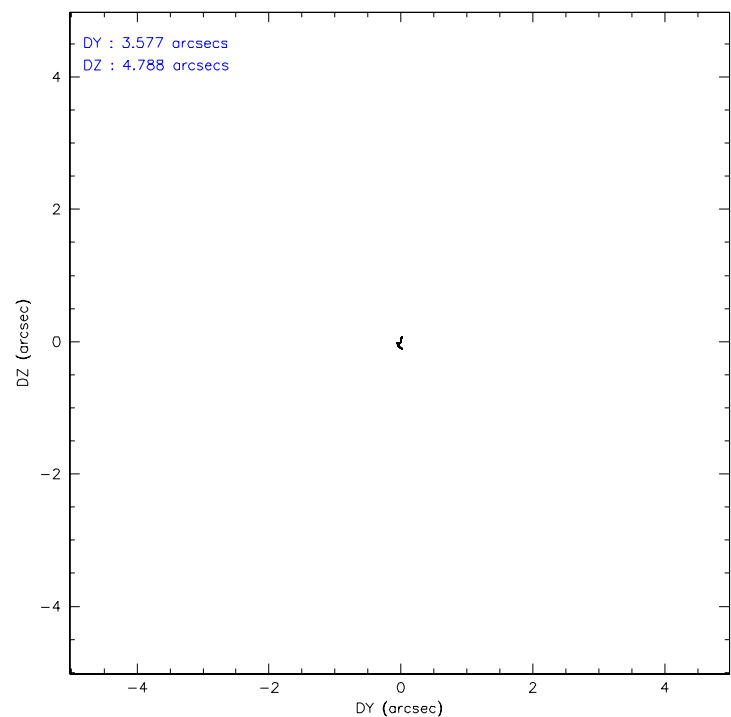
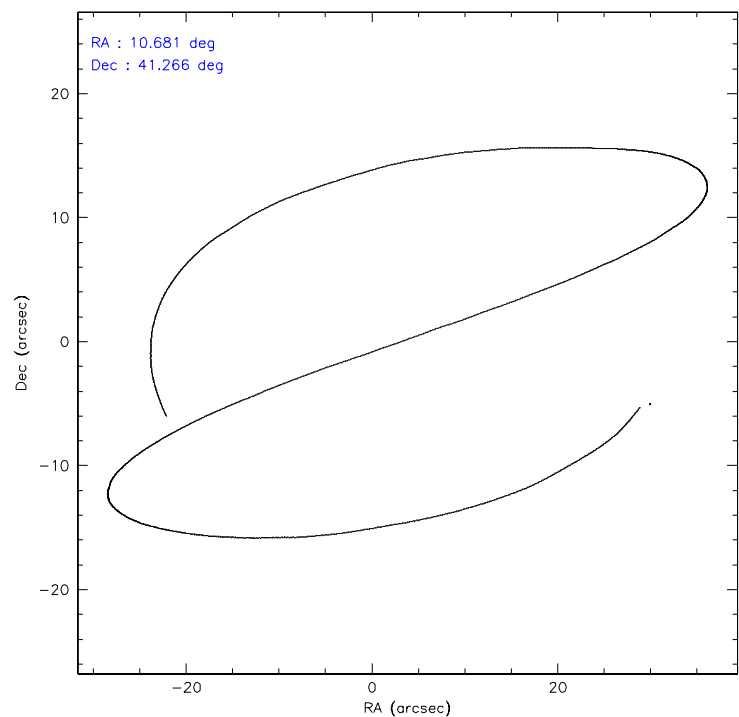
Level 1 Events

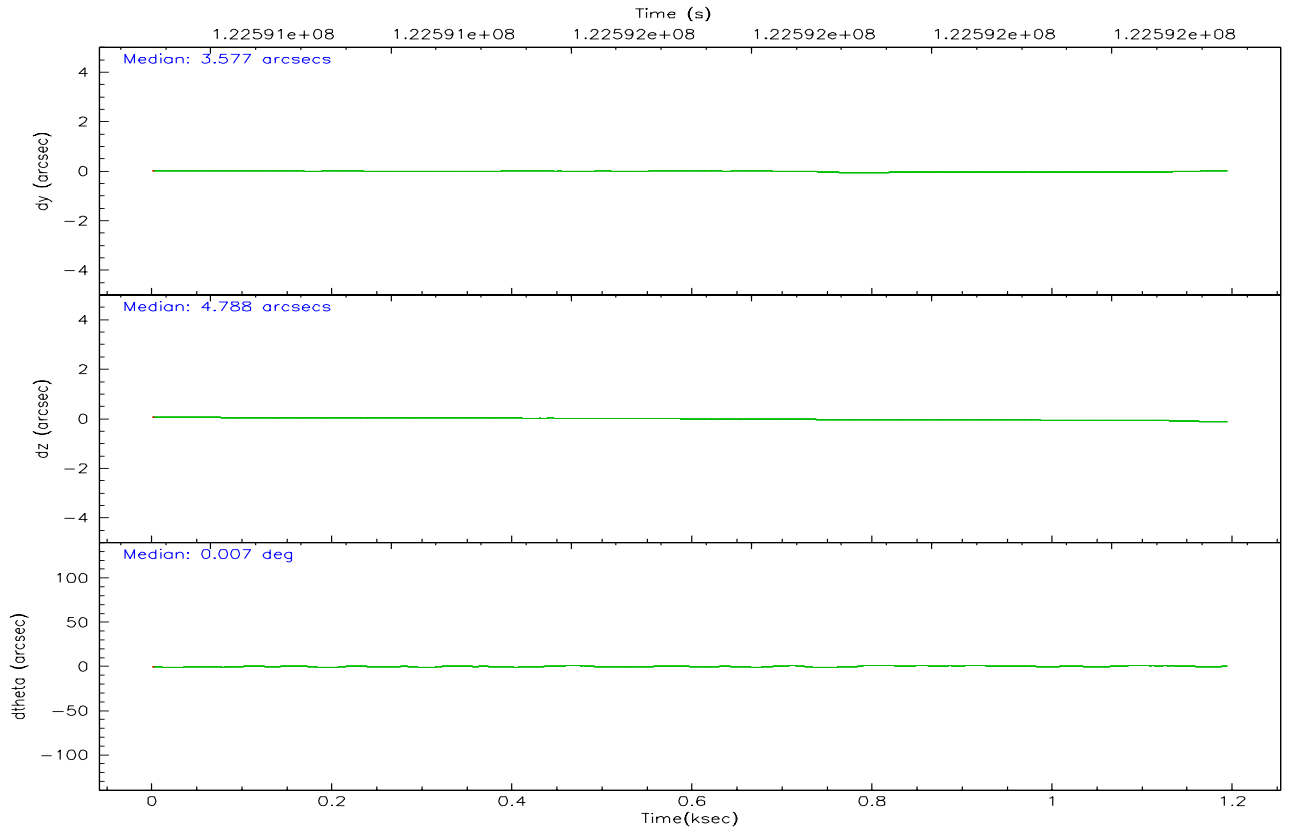
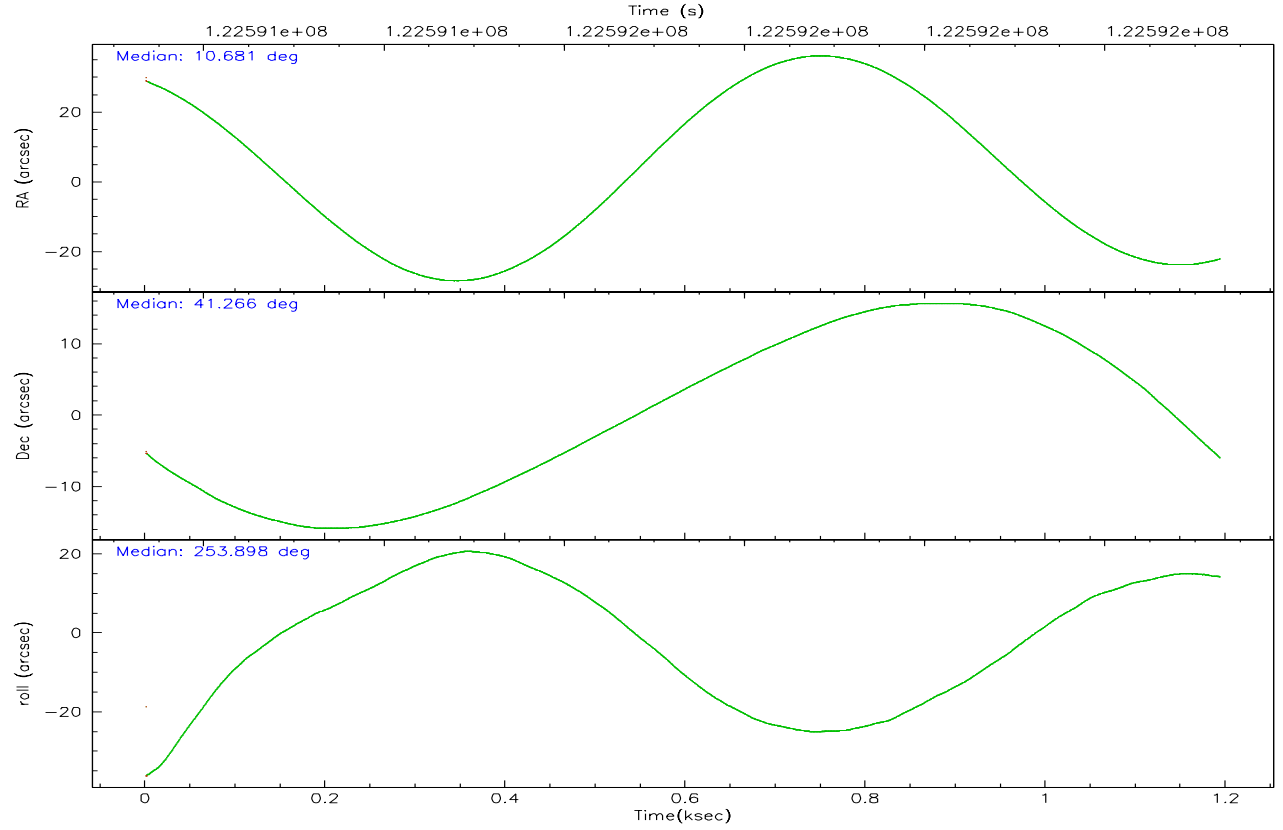
	segment 0
level 1 events	148043
rejected events	35428
rejected %	23%

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	10.672053	10.68094146732205			
Pointing Dec	41.291879	41.26564177969511			
Pointing Roll	253.999593	253.8981105933807			
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	122591331.184000	122590955.05358			
Observation start date	2001-11-19T21:07:47	2001-11-19T21:02:35			
Observation end time	122592331.184000	122592465.39115			
Observation end date	2001-11-19T21:24:27	2001-11-19T21:27:45			

2.3 Aspect



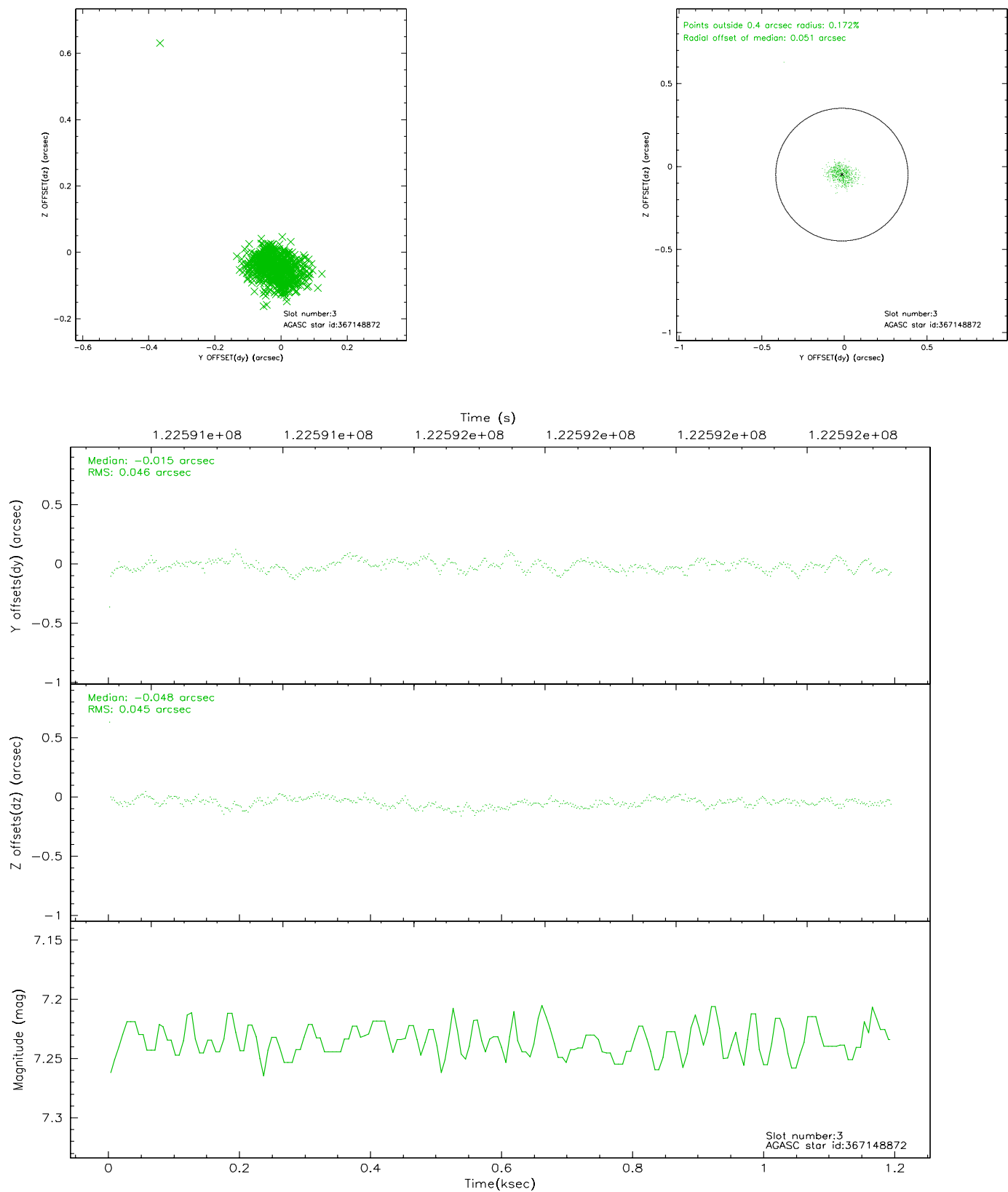


Slot Statistics

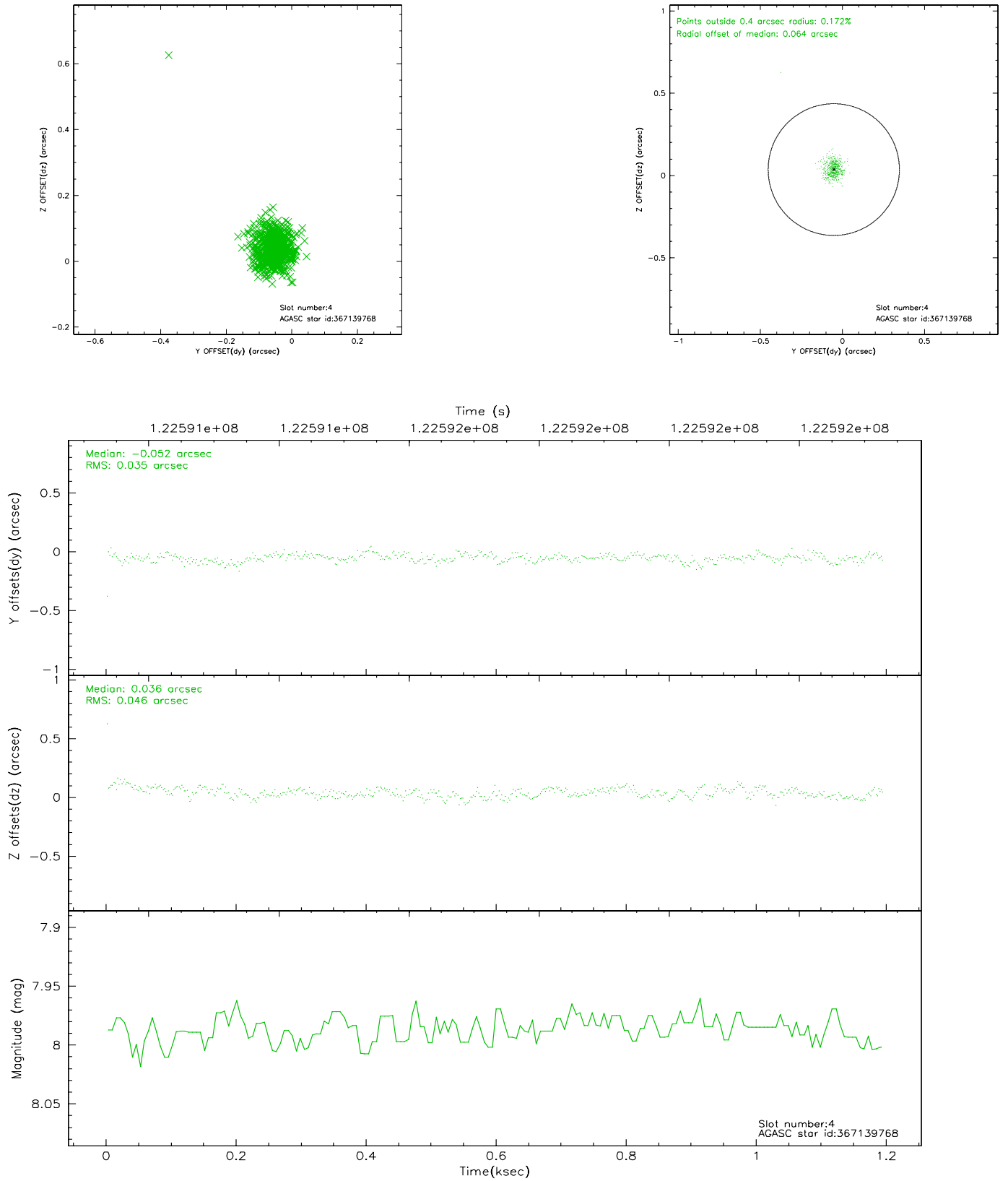
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	292	0.013	0.073	0.008	0.012	0.000000	0.000000	-759.01	-1292.51
1	FID	HRC-I-2	7.00	292	0.077	-0.064	0.006	0.009	0.000000	0.000000	851.08	-1298.61
2	FID	HRC-I-3	7.04	292	0.029	-0.099	0.006	0.012	0.000000	0.000000	-1184.62	1007.42
3	GUIDE	367148872	7.23	583	-0.015	-0.048	0.060	0.093	10.505940	40.688258	2213.79	164.32
4	GUIDE	367139768	7.99	583	-0.052	0.036	0.054	0.089	11.069715	40.685175	1801.94	1646.64
5	GUIDE	367674552	8.85	583	0.046	0.007	0.077	0.123	11.016238	41.570845	-1219.27	617.92
6	GUIDE	367671800	9.41	583	-0.023	0.031	0.093	0.154	10.554735	41.964935	-2244.63	-967.49
7	GUIDE	367665472	9.49	579	0.037	-0.005	0.099	0.173	10.241611	41.730843	-1206.65	-1548.49

2.4 Star Slots

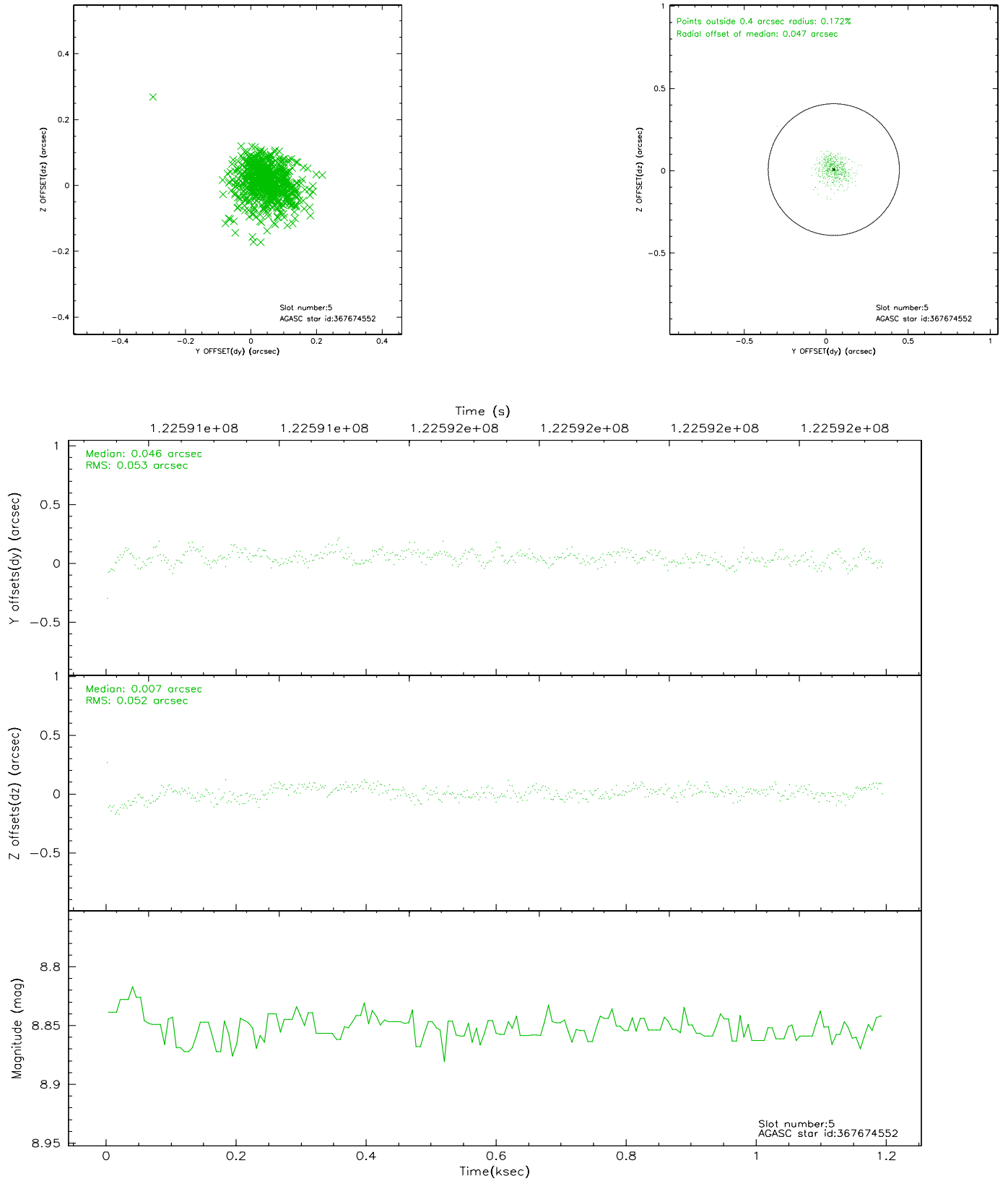
2.4.1 Slot 3



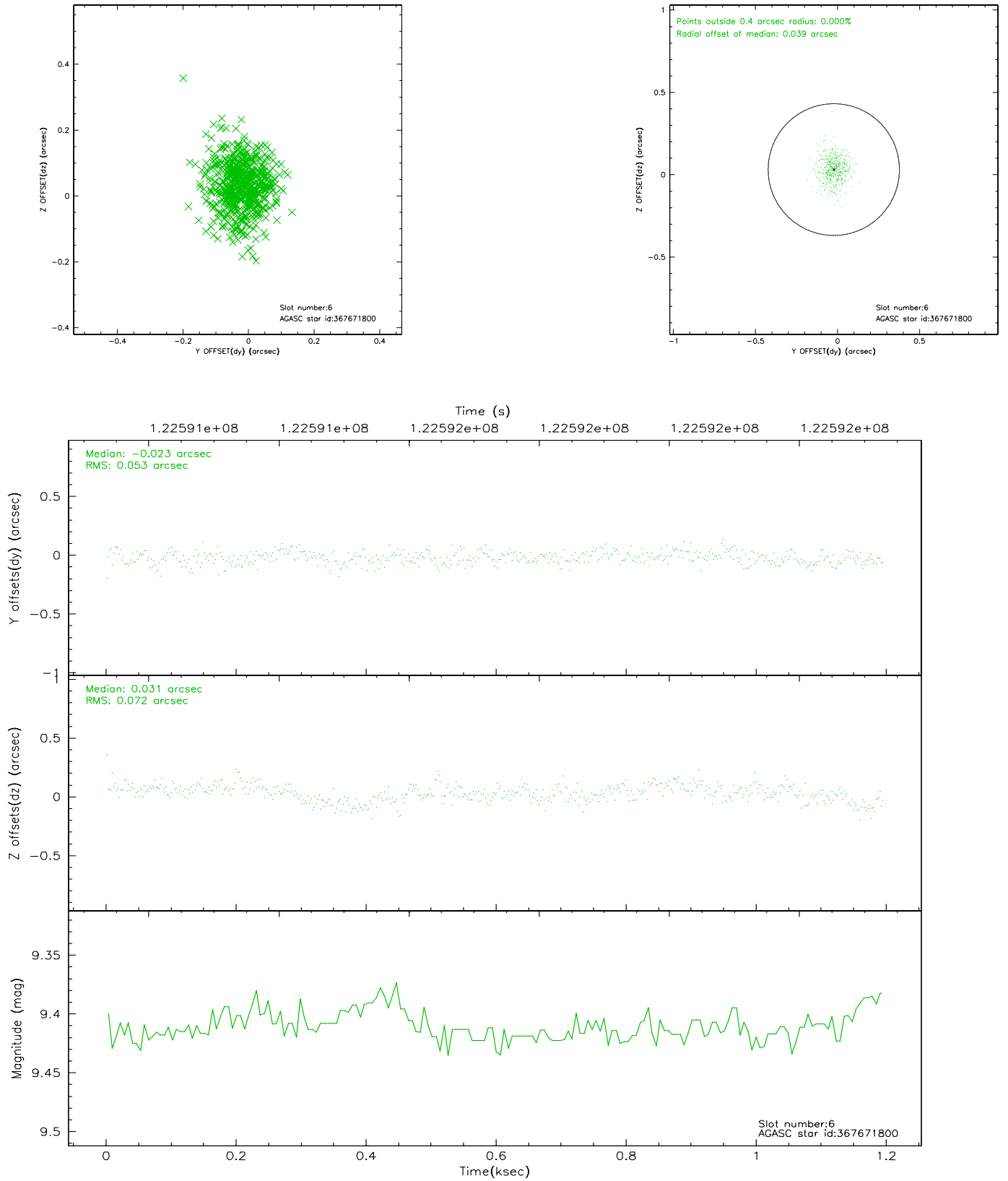
2.4.2 Slot 4



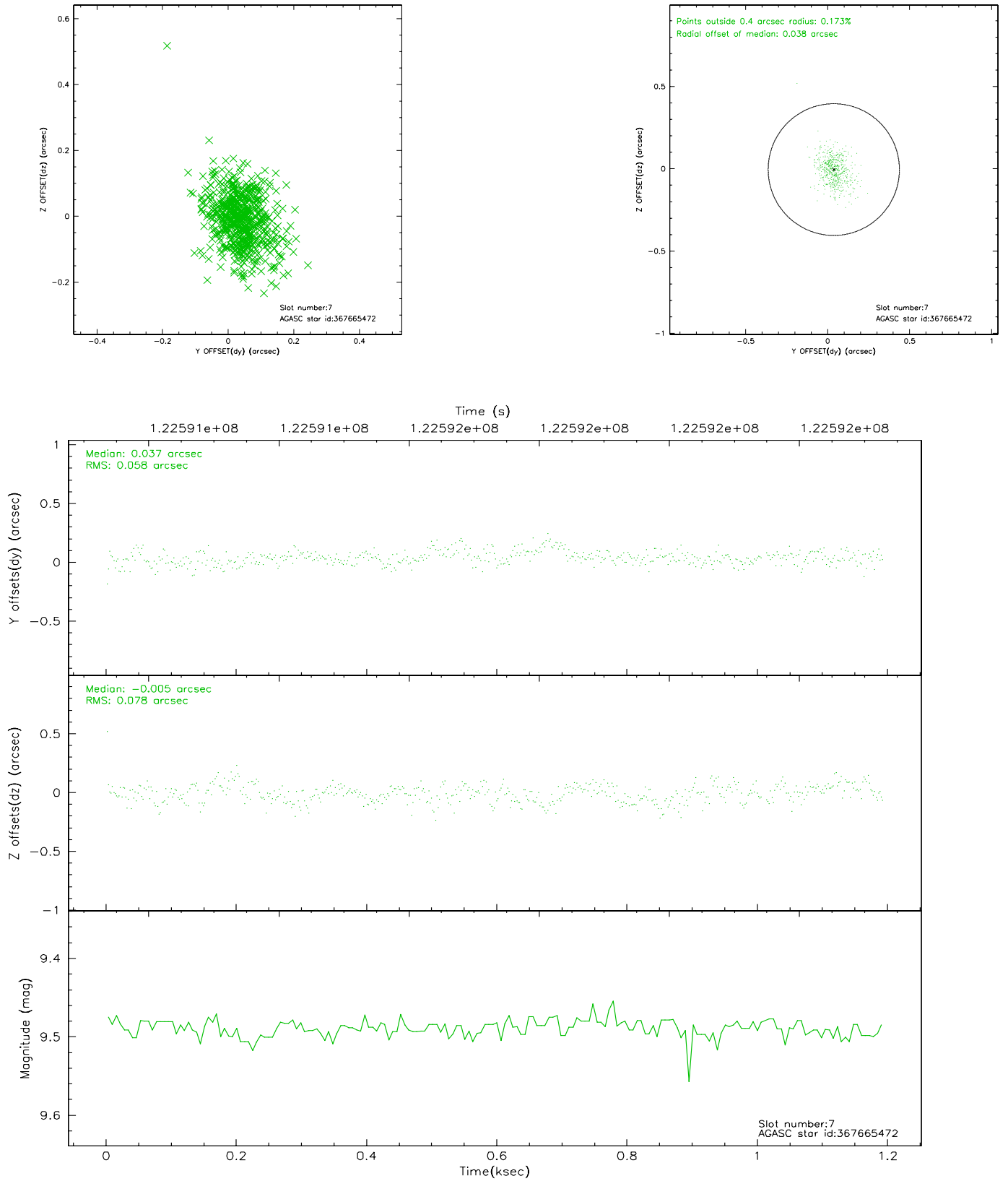
2.4.3 Slot 5



2.4.4 Slot 6

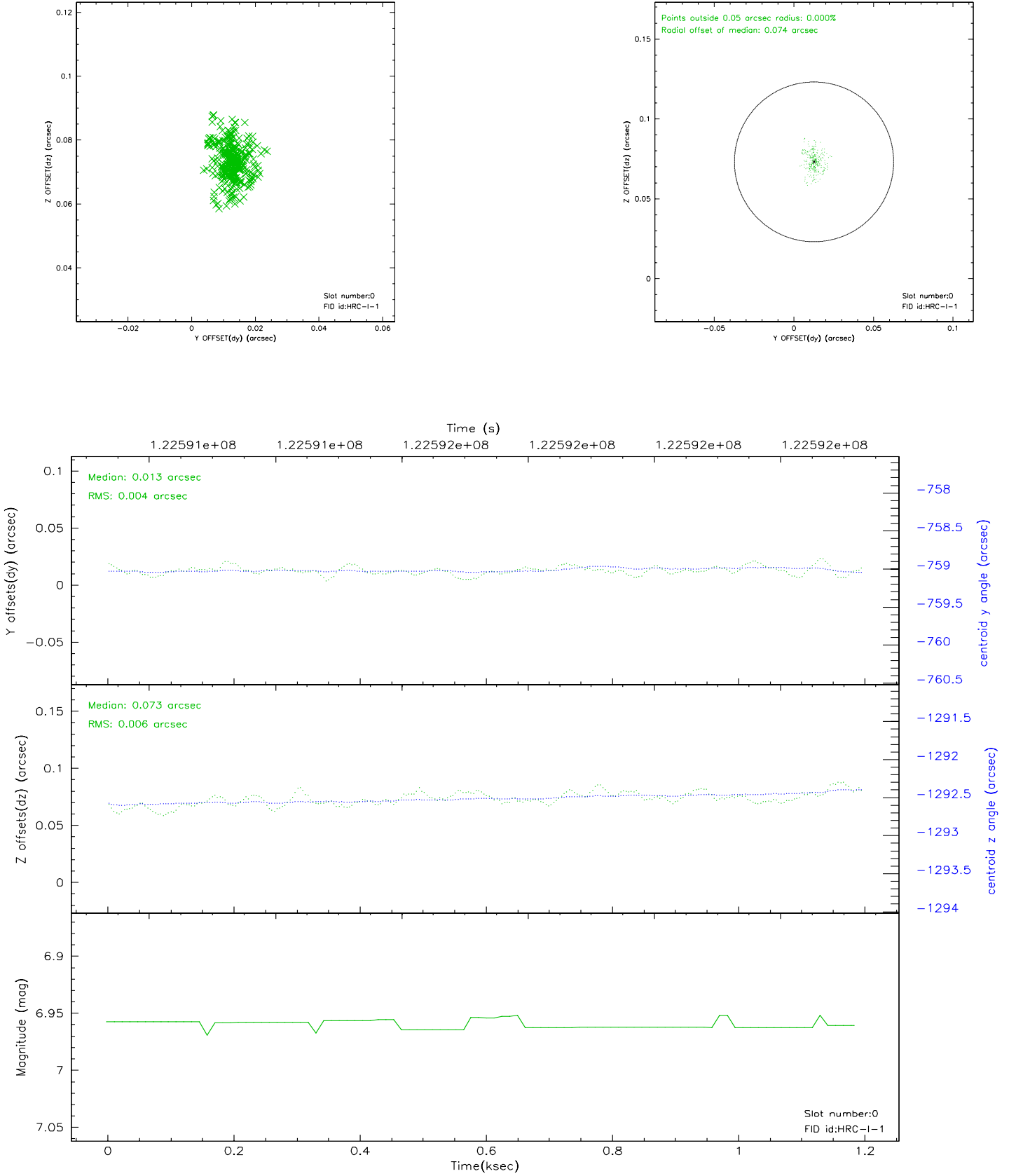


2.4.5 Slot 7

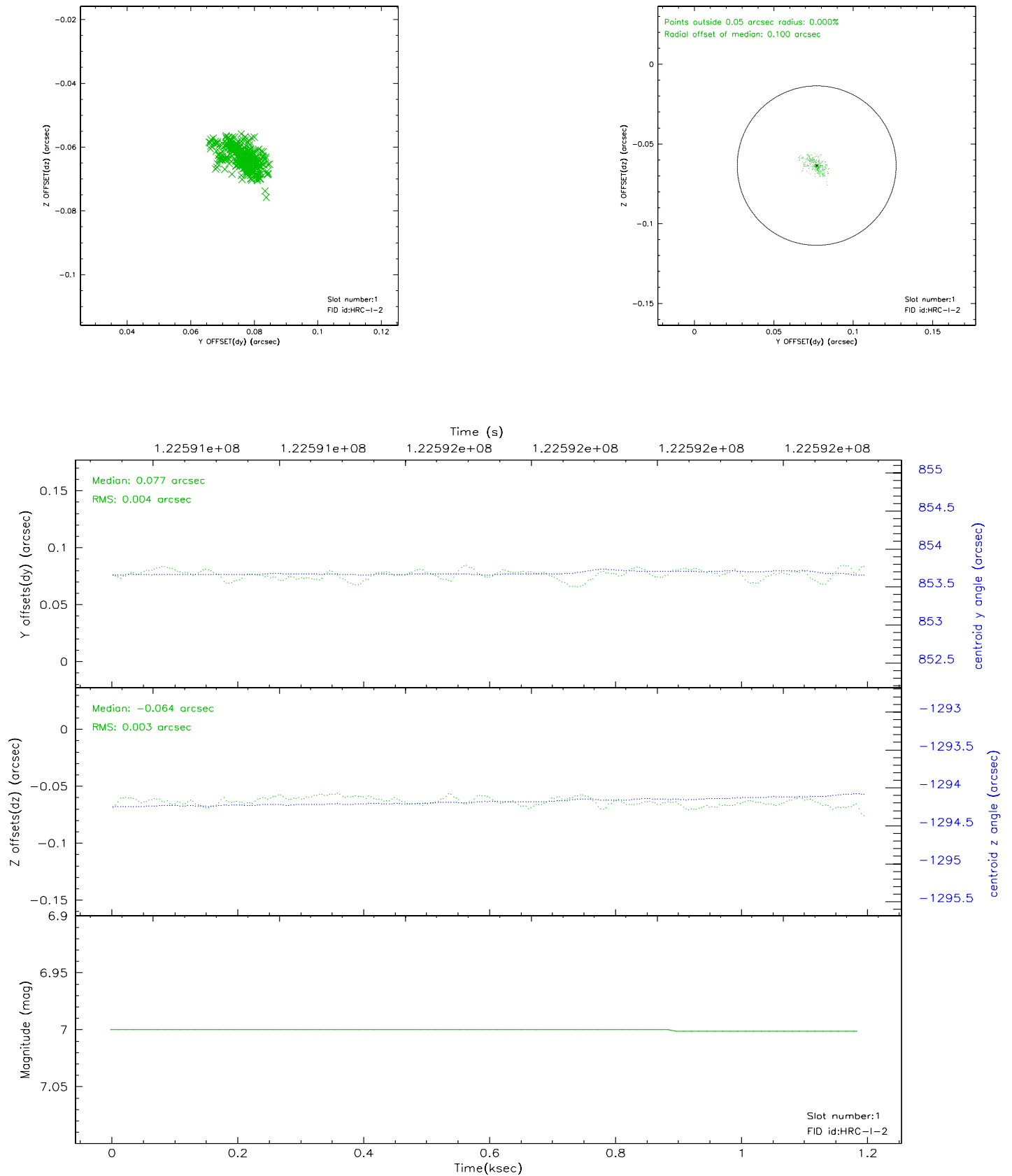


2.5 FID Slots

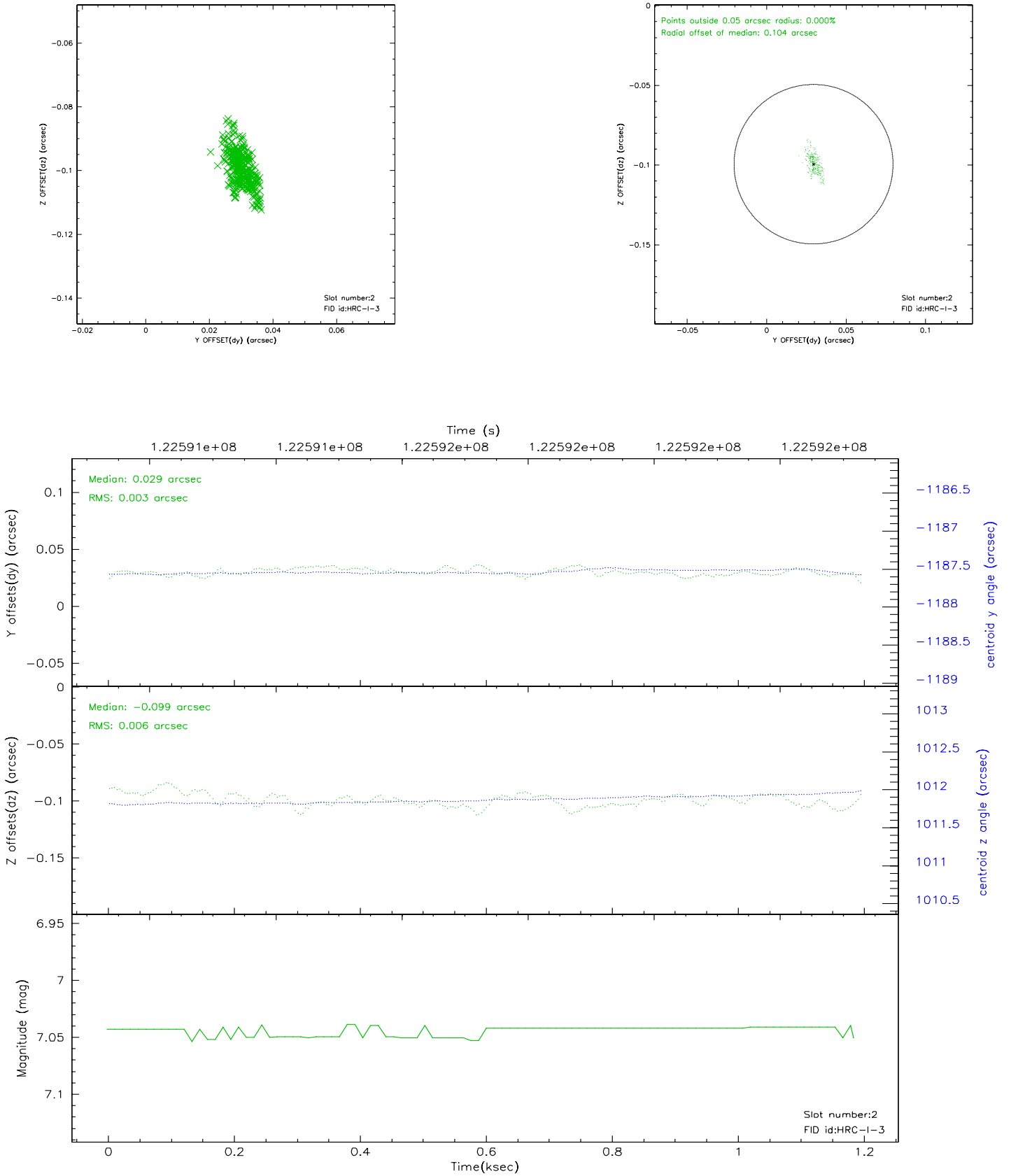
2.5.1 Slot 0



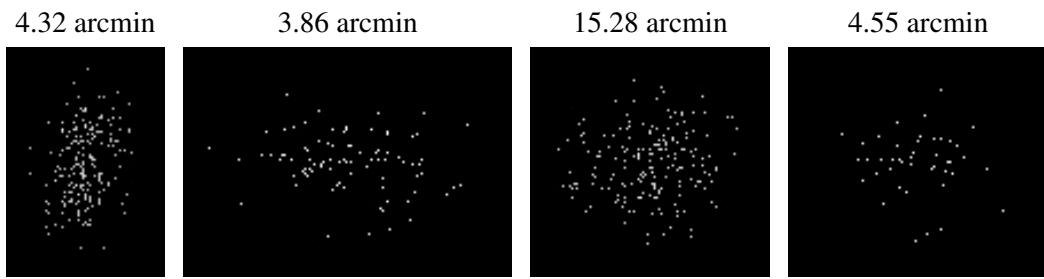
2.5.2 Slot 1



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	1.192

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.