

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 2364 - L2 Version 5
Chandra X-Ray Center

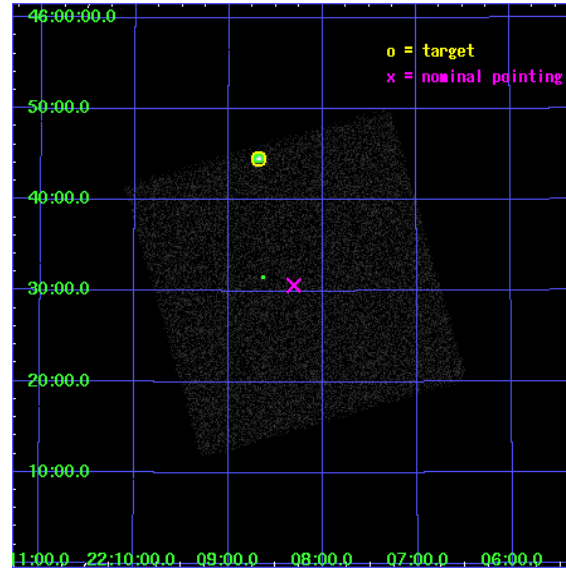
L2 Processing Date : Nov 21 2007

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1 Front

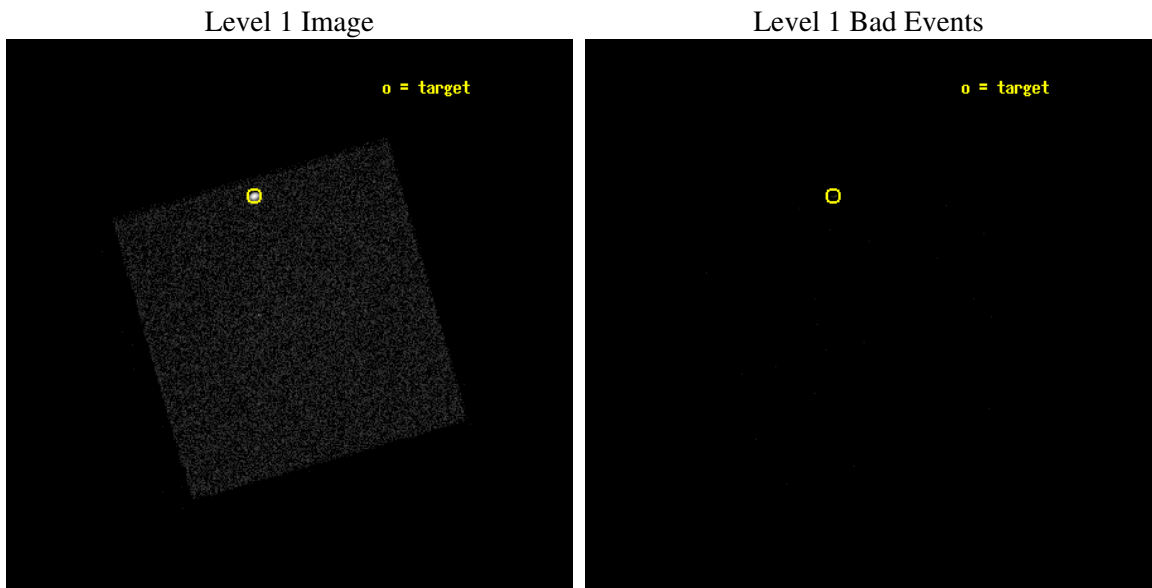
seq_num	290111
obs_id	2364
title	HRC-I CALIBRATION OBSERVATIONS OF ARLAC
observer	Dr. CXC Calibration
object	ARLAC,HRC-I,AO2A
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.07669853504
dec_nom	45.510597096167
roll_nom	298.93392421036
revision	5
ontime	1200.5312958956
livetime	1194.7023508874
l2events	33369



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	2007-11-21T06:10:05
revision	4

sched_exp_time	1000.000000
ontime	1200.5312958956
l1events	55803

2.1.3 Events

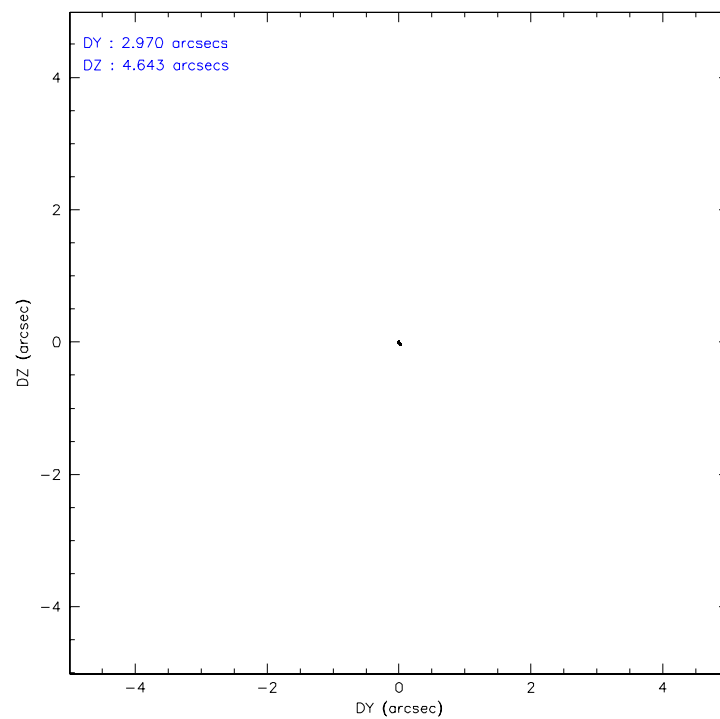
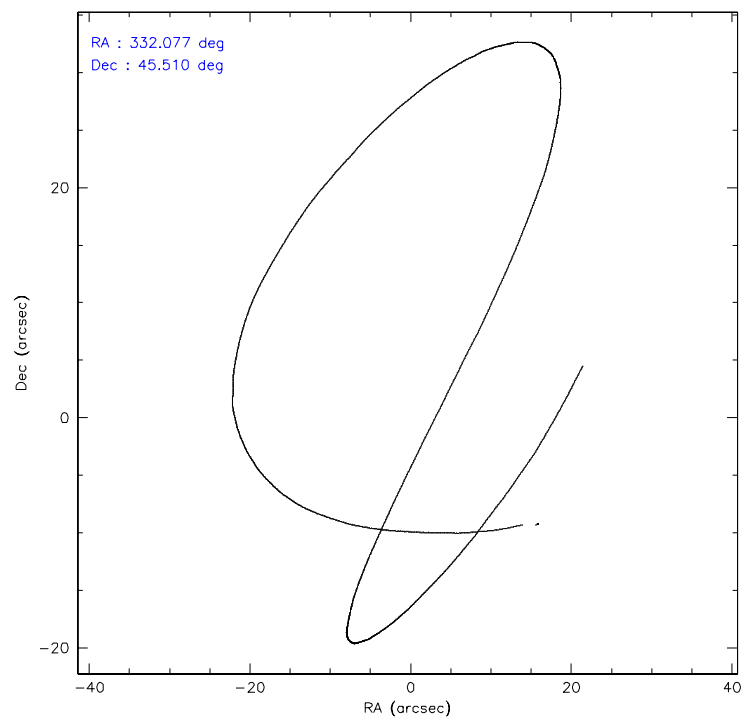
Level 1 Events

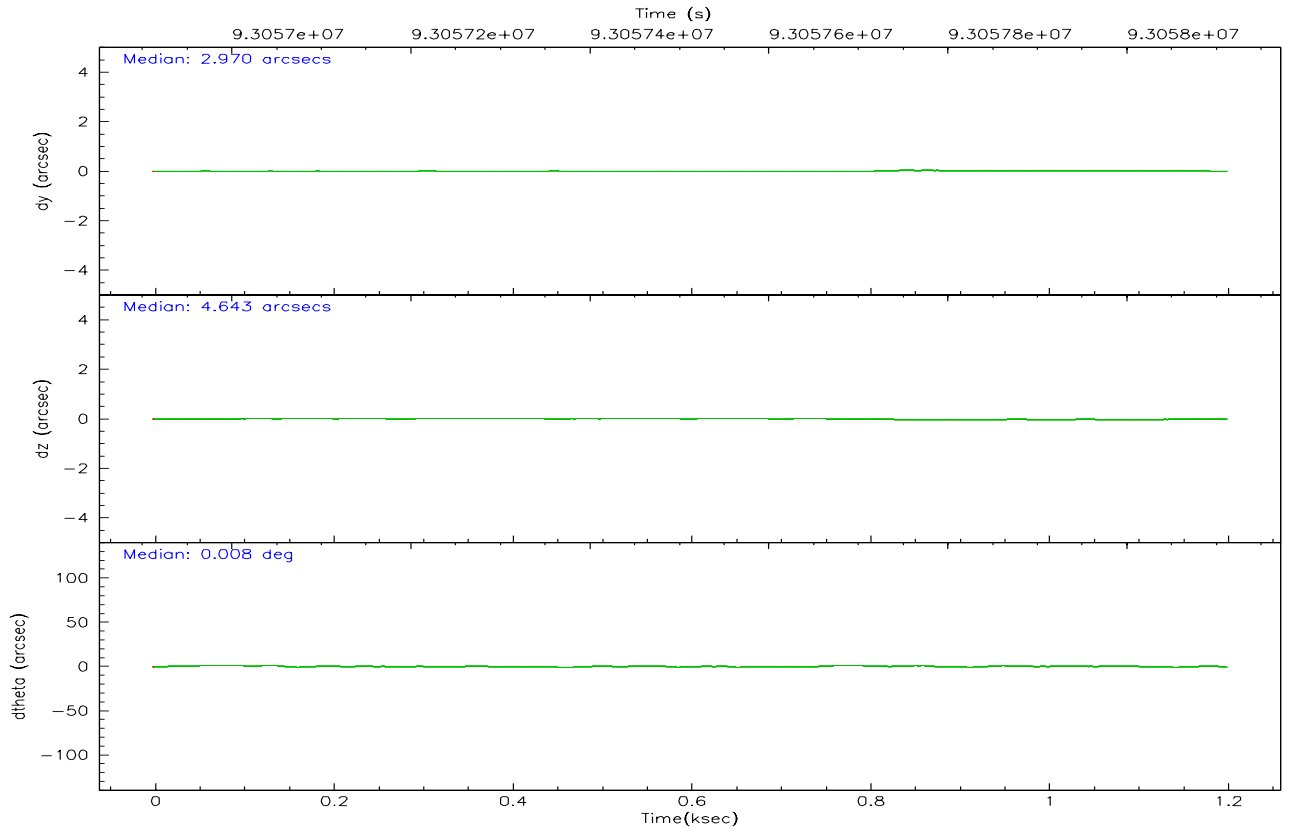
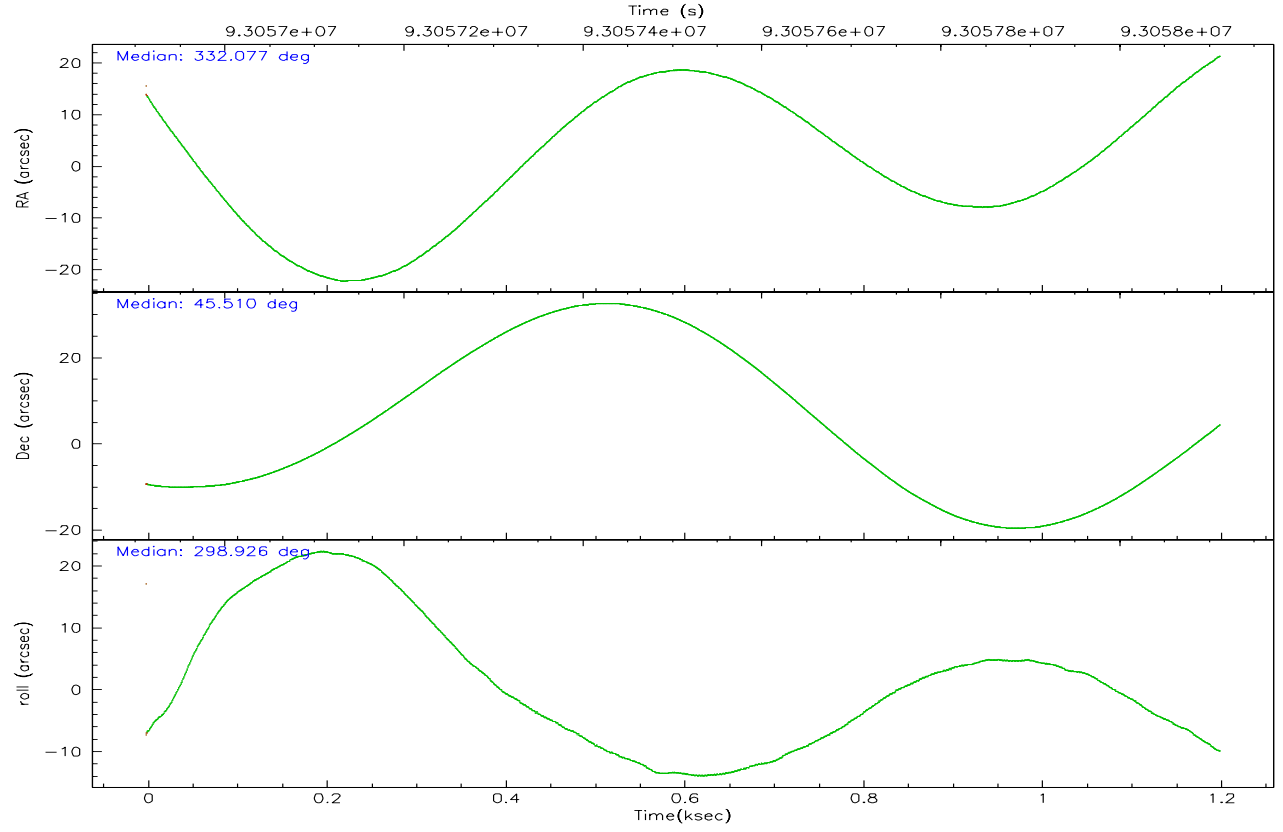
	segment 0
level 1 events	55803
rejected events	8667
rejected %	15%

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	332.044131	332.0766985350432			
Pointing Dec	45.525032	45.51059709616694			
Pointing Roll	299.052699	298.9339242103559			
SIM focus pos (mm)	-1.040293	-1.038866356238299			
SIM defocus (mm)	0	0.001426264420575141			
SIM translation stage pos (mm)	126.985494	126.9854943052878			
SIM translation stage offset (mm)	0	-5.413686238853188e-06			
Observation start time	93057111.184000	93056734.588608			
Observation start date	2000-12-13T01:10:47	2000-12-13T01:05:34			
Observation end time	93058111.184000	93058631.863681			
Observation end date	2000-12-13T01:27:27	2000-12-13T01:37:11			

2.3 Aspect



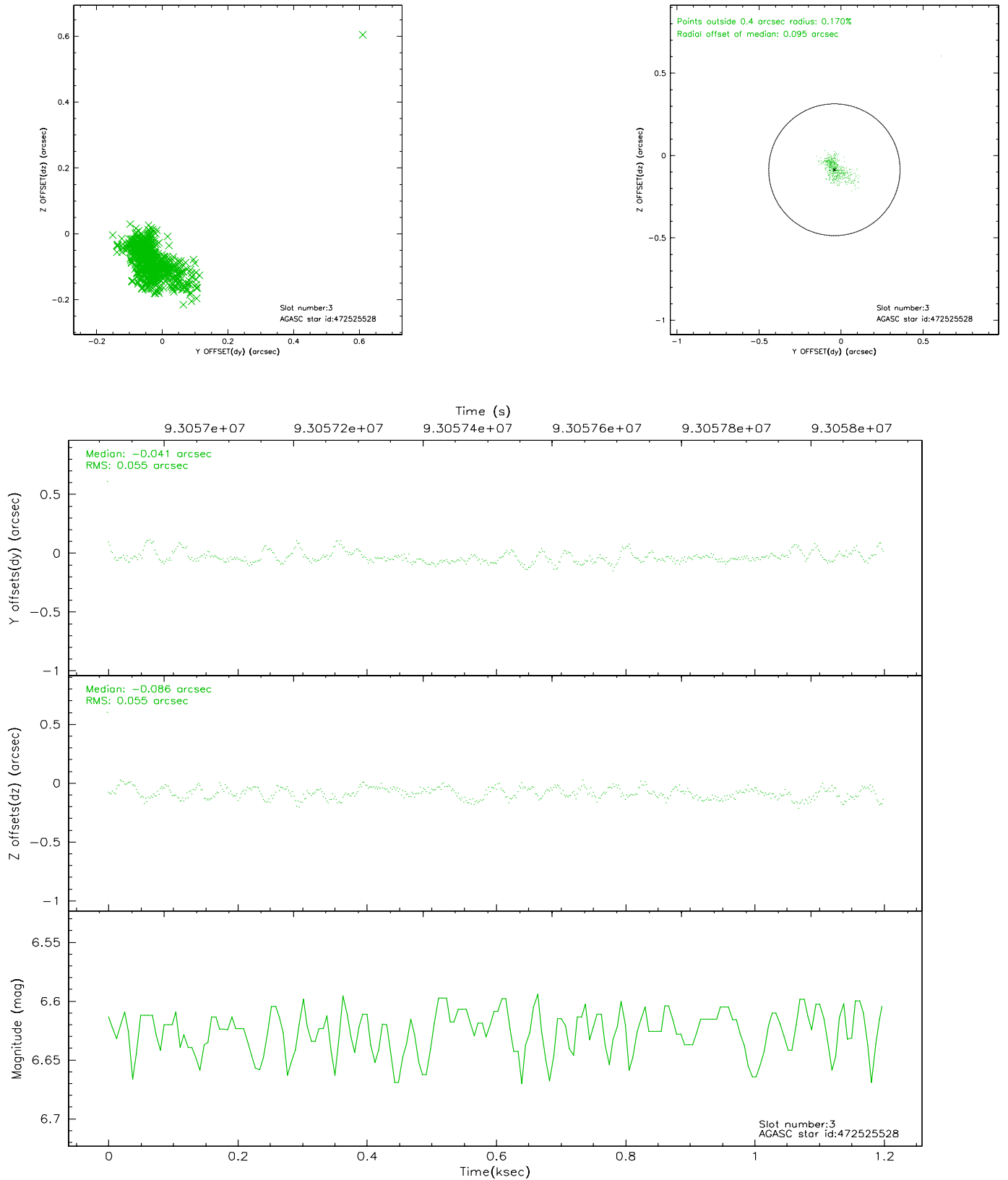


Slot Statistics

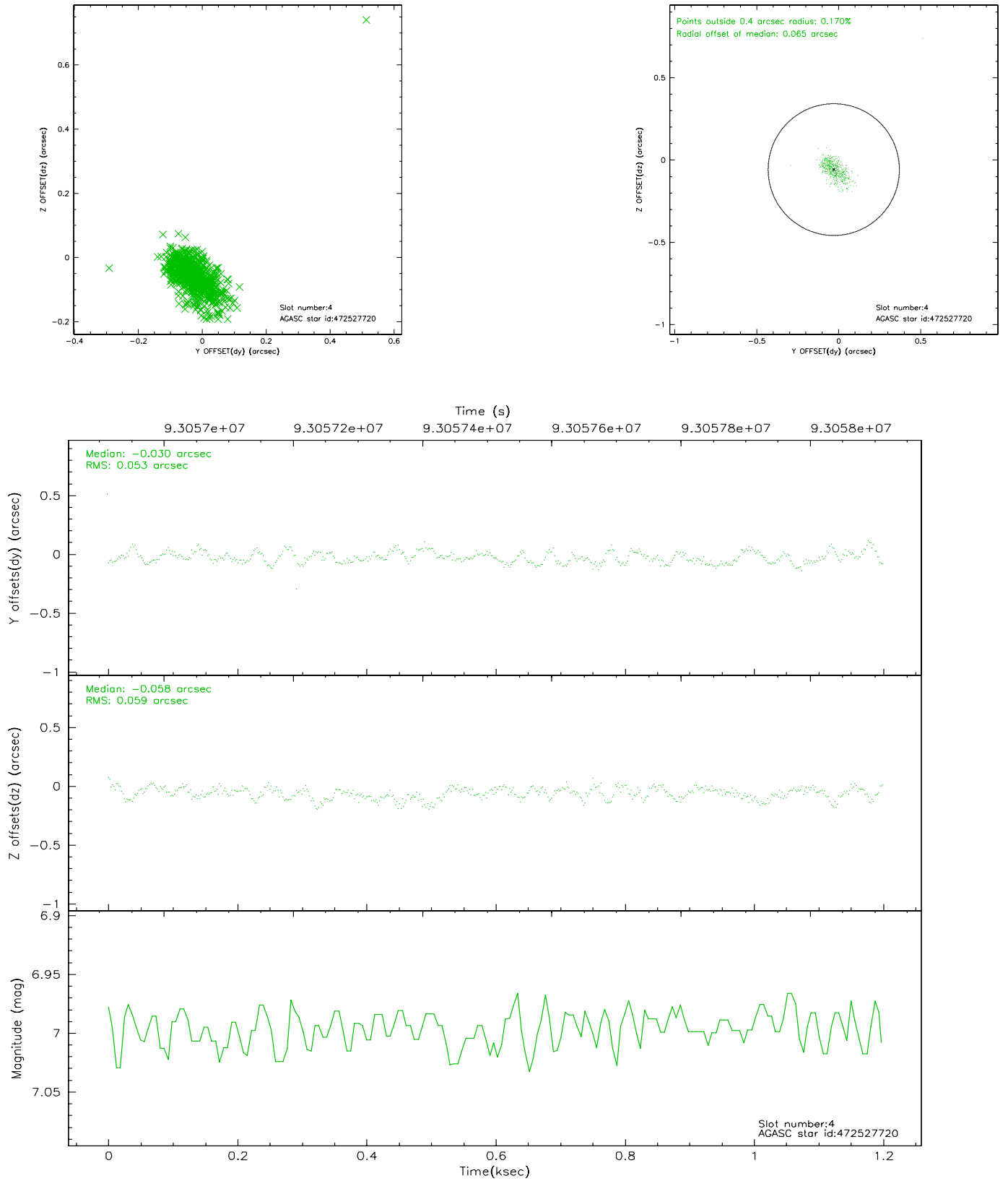
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-2	7.00	294	0.044	-0.021	0.007	0.015	0.000000	0.000000	854.24	-1294.04
1	FID	HRC-I-3	7.05	294	0.027	-0.026	0.008	0.015	0.000000	0.000000	-1184.01	1007.66
2	FID	HRC-I-4	6.98	294	0.047	-0.040	0.007	0.012	0.000000	0.000000	1280.35	1013.10
3	GUIDE	472525528	6.62	587	-0.041	-0.086	0.069	0.129	331.551102	45.248694	258.85	-1570.49
4	GUIDE	472527720	7.00	587	-0.030	-0.058	0.072	0.123	331.460205	45.112509	572.99	-2014.93
5	GUIDE	420752392	7.28	586	0.056	0.098	0.079	0.122	332.271848	44.854756	2391.16	-663.24
6	GUIDE	472655152	9.44	587	0.028	0.166	0.100	0.164	332.504239	45.862991	-503.25	1602.89
7	GUIDE	472523568	9.33	586	-0.015	-0.120	0.097	0.150	331.465966	45.371411	-232.68	-1538.46

2.4 Star Slots

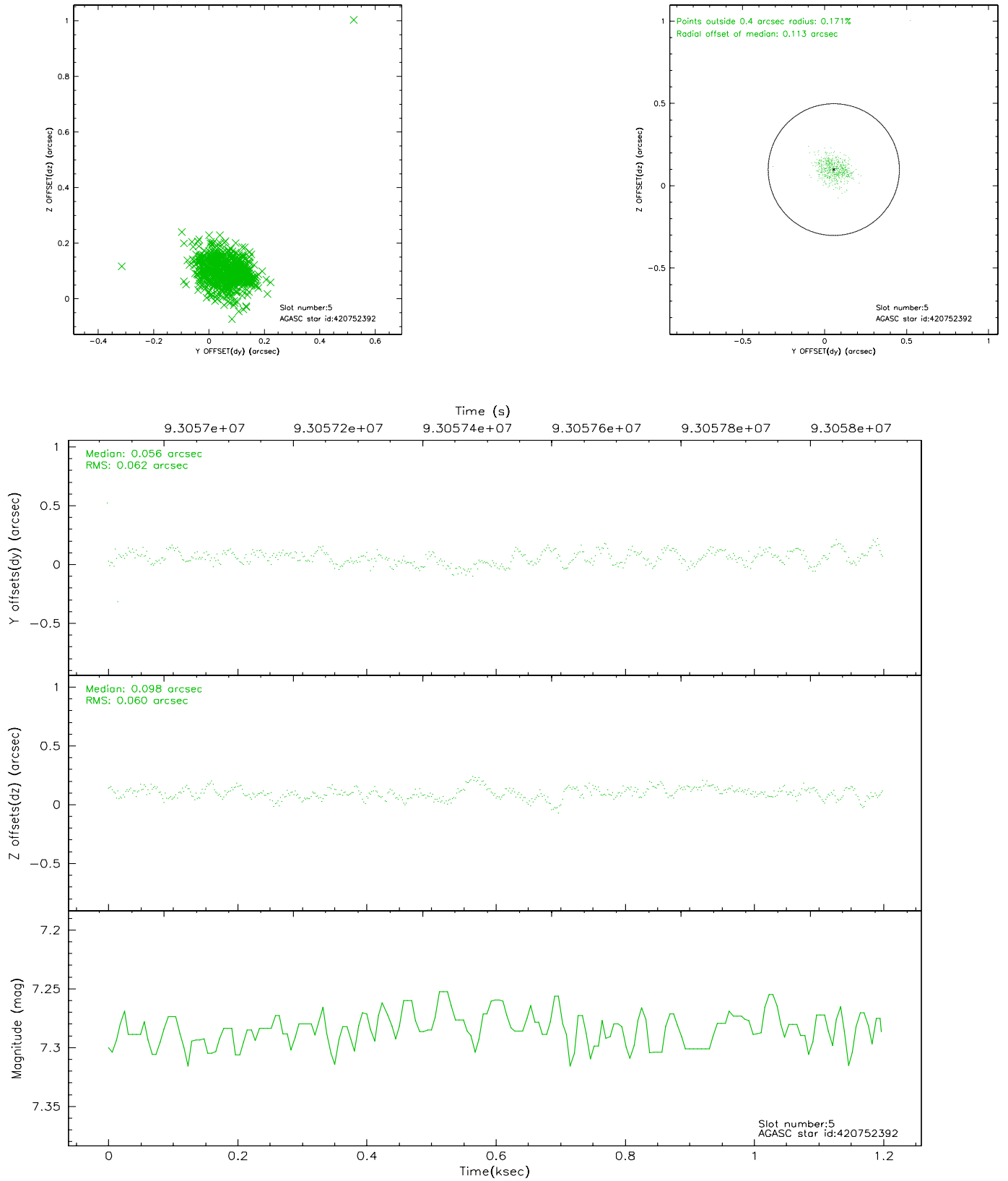
2.4.1 Slot 3



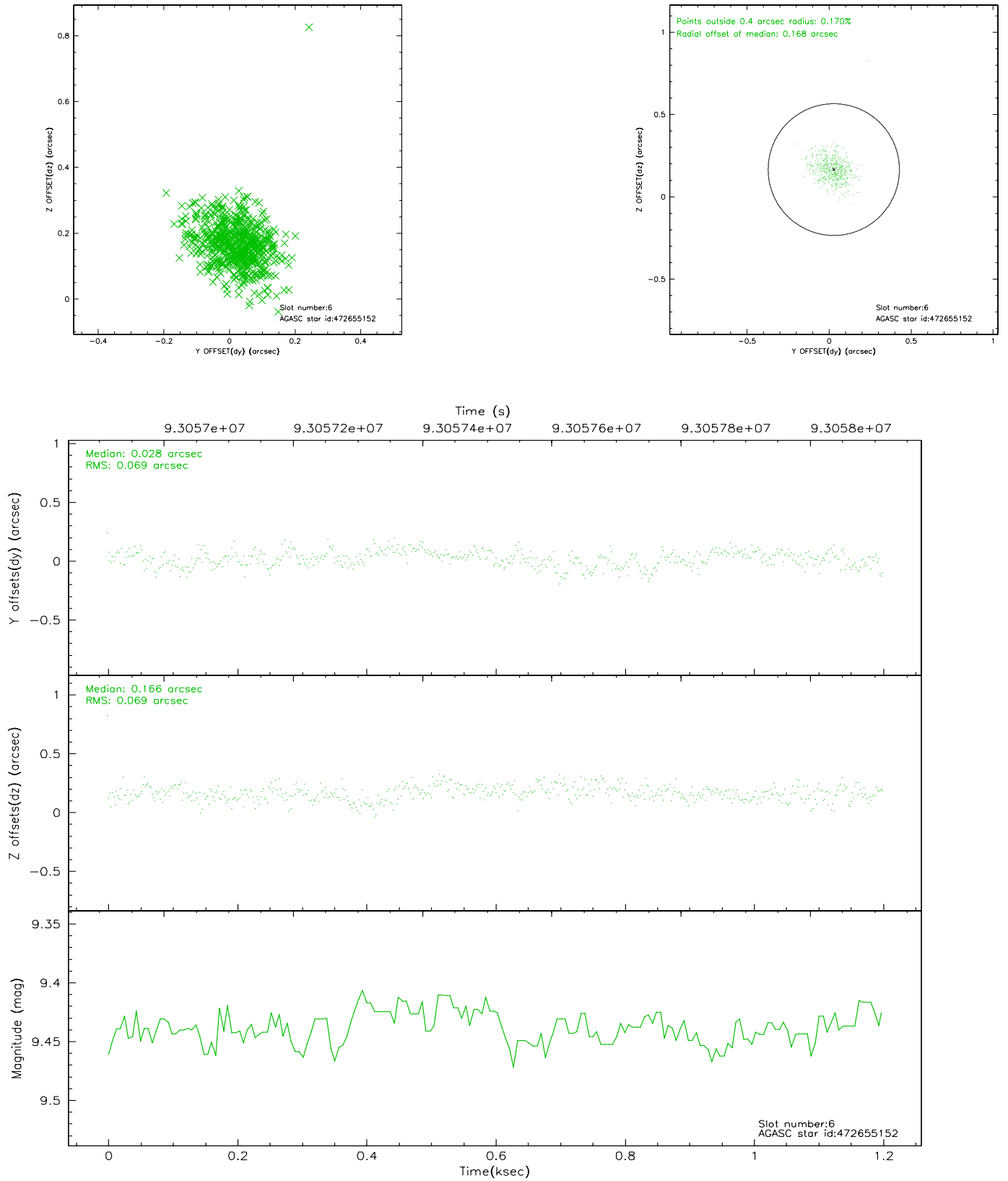
2.4.2 Slot 4



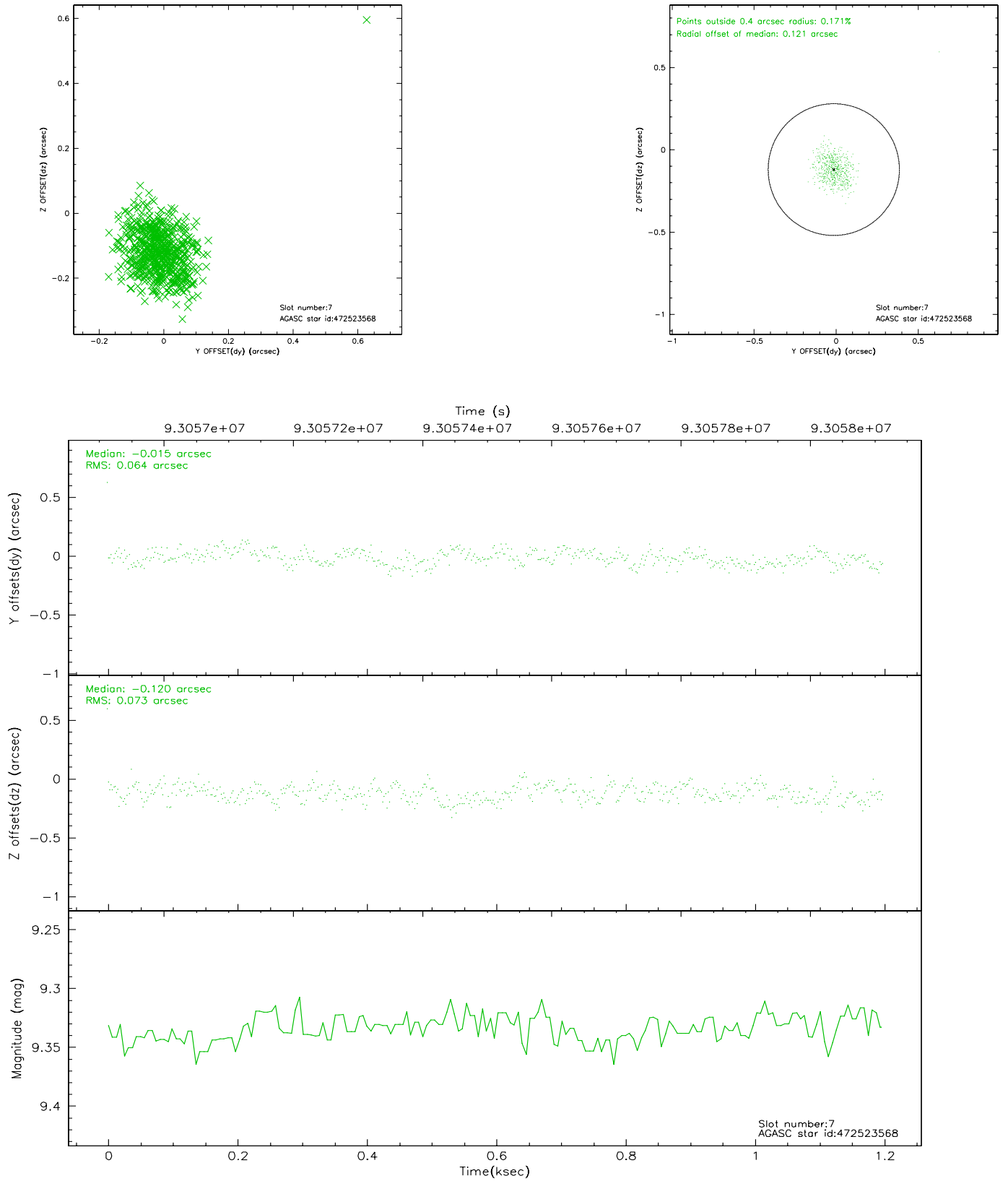
2.4.3 Slot 5



2.4.4 Slot 6

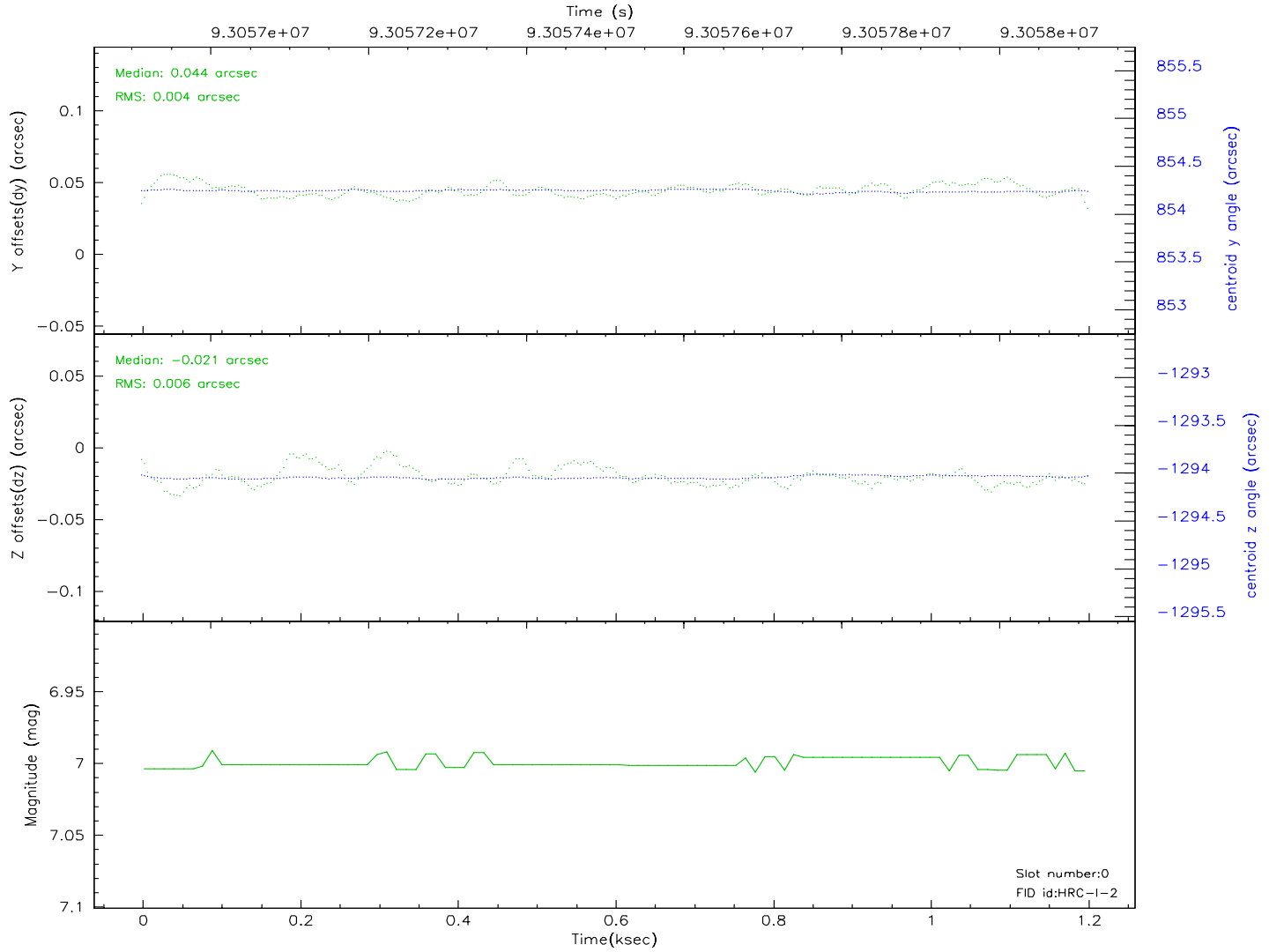
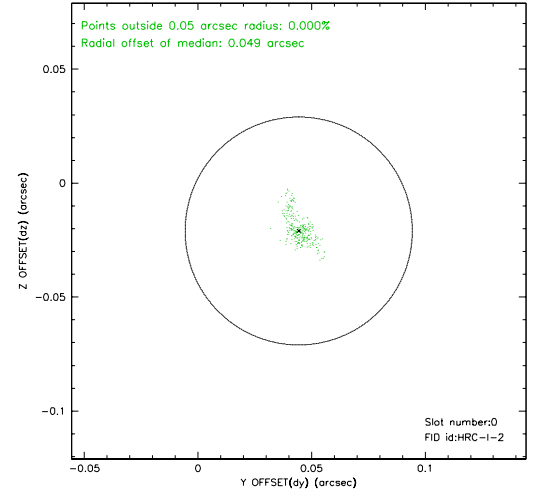
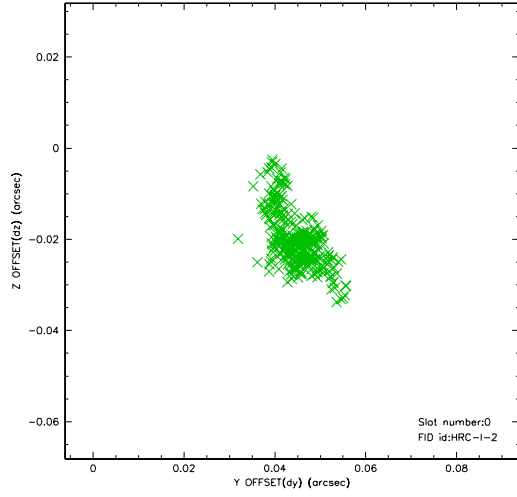


2.4.5 Slot 7

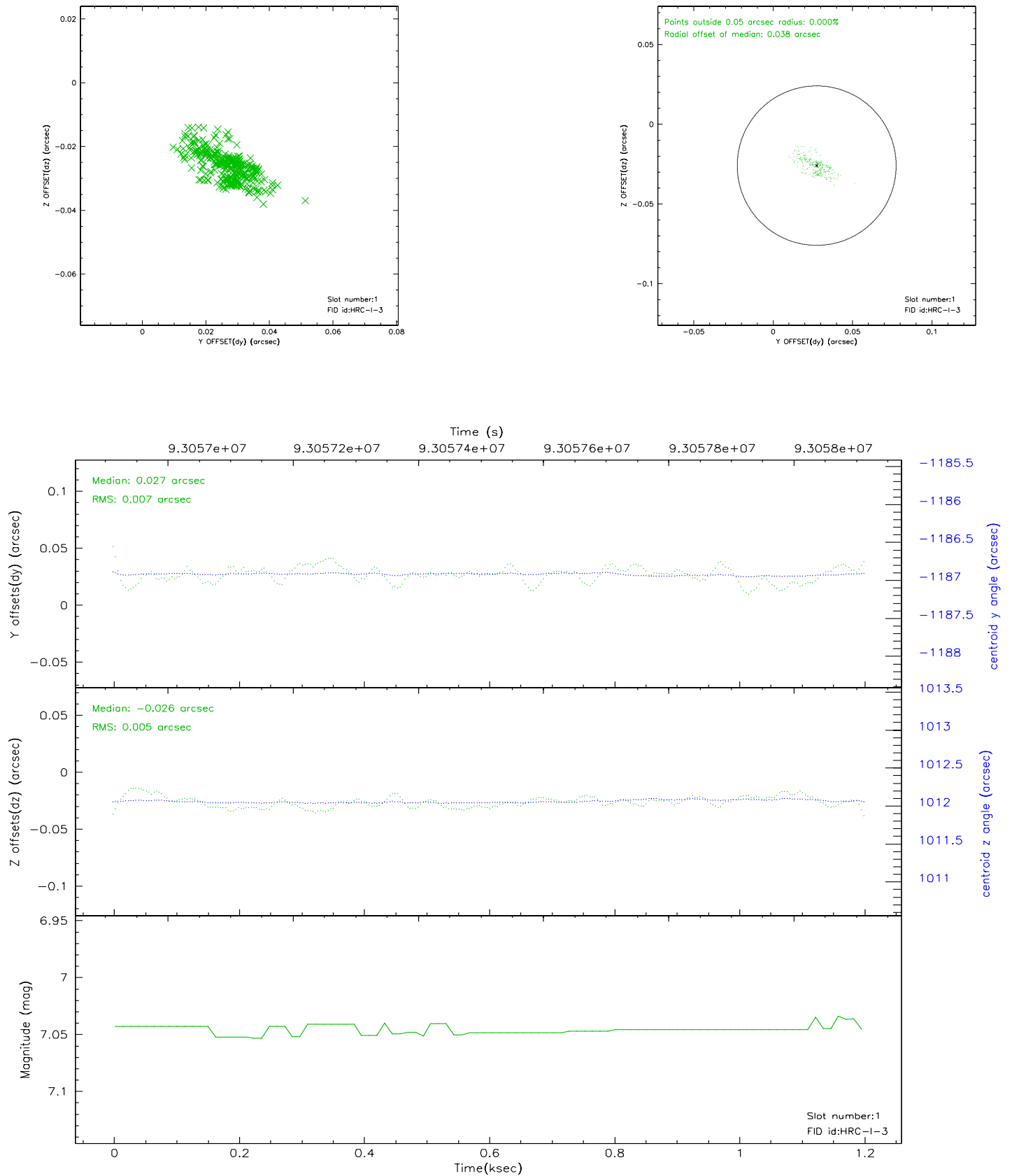


2.5 FID Slots

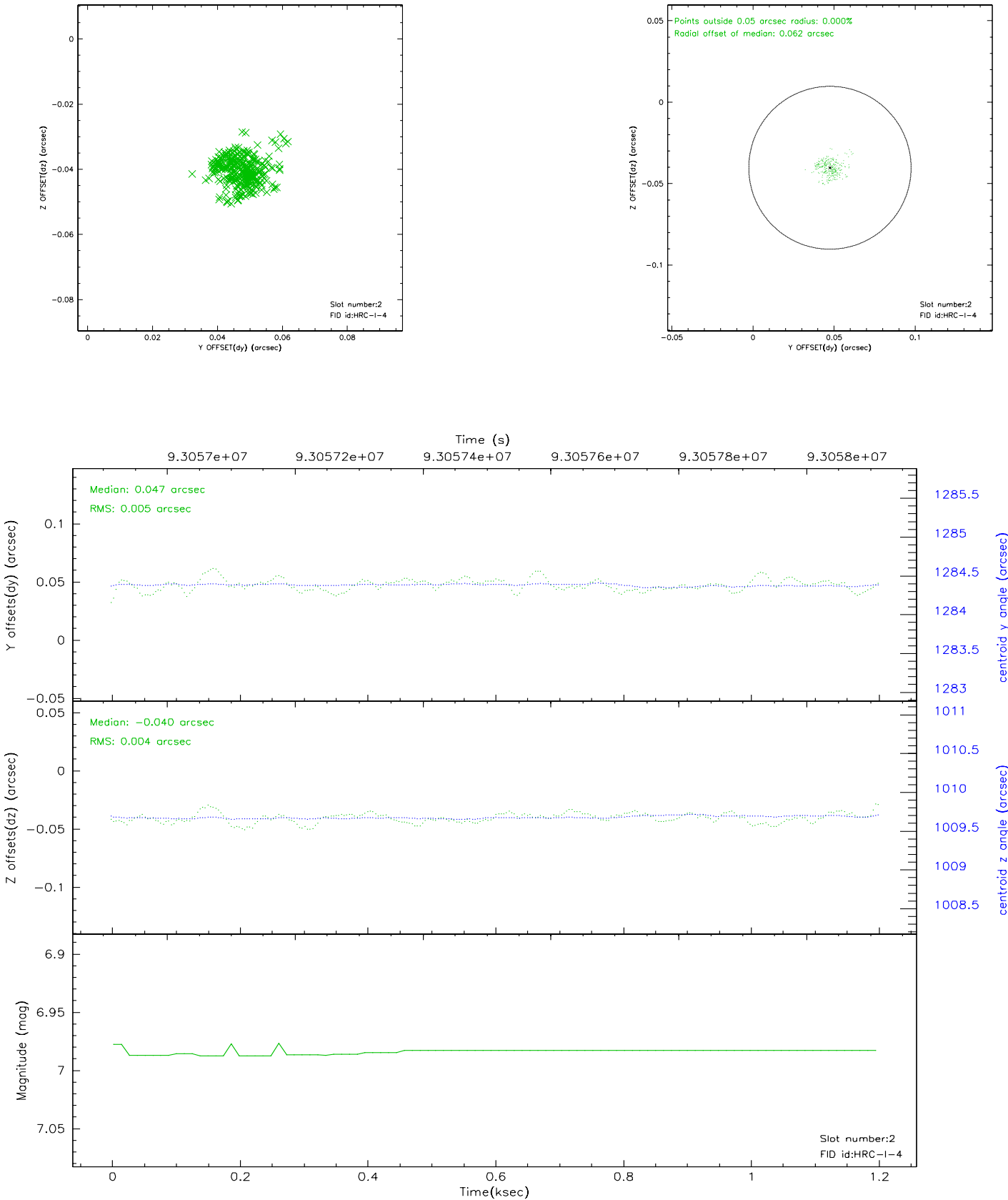
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

3.48 arcmin



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.12.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.199

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.