

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 4594 - L2 Version 3
Chandra X-Ray Center

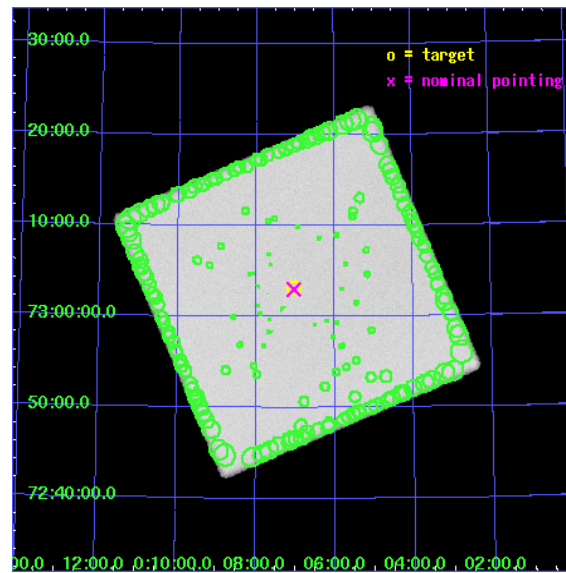
L2 Processing Date : Nov 23 2007

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1 Front

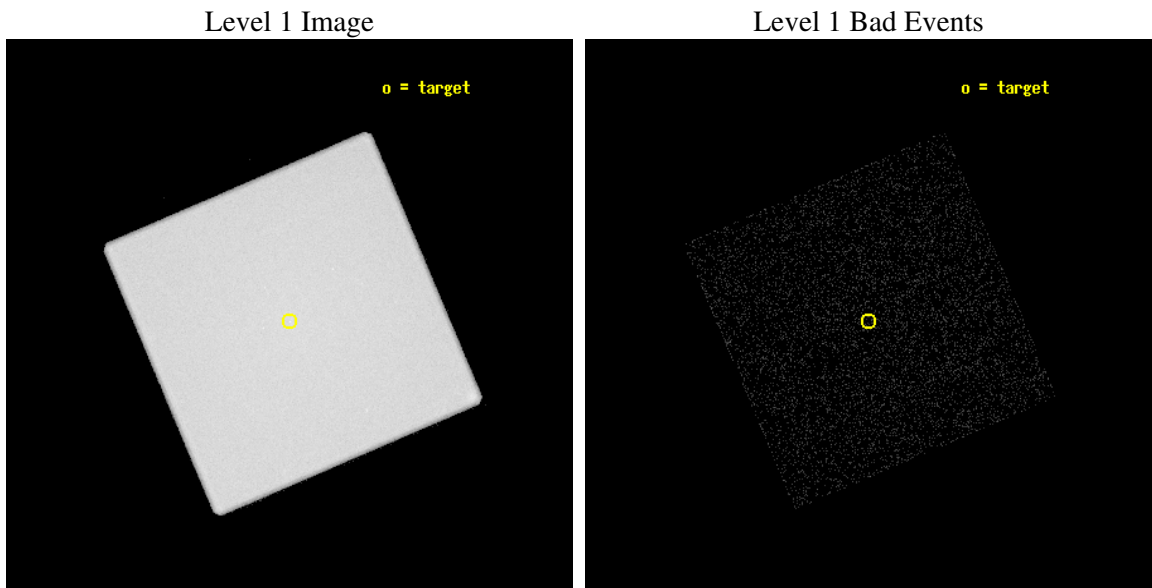
seq_num	500419
obs_id	4594
title	FIRST EPOCH PROPER MOTION STUDIES OF YOUNG NEUTRON STARS IN SUPERNOVA REMNANTS
observer	Dr. Stephen Murray
object	WGA J000702+7302.9
ra_targ	1.759167
dec_targ	73.051944
ra_nom	1.7602019462219
dec_nom	73.050316130334
roll_nom	21.916619430674
revision	3
ontime	72042.384422392
livetime	71497.236903431
l2events	3434029



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	2007-11-23T23:22:33
revision	3

sched_exp_time	71913.229000
ontime	72042.384422392
l1events	4905983

2.1.3 Events

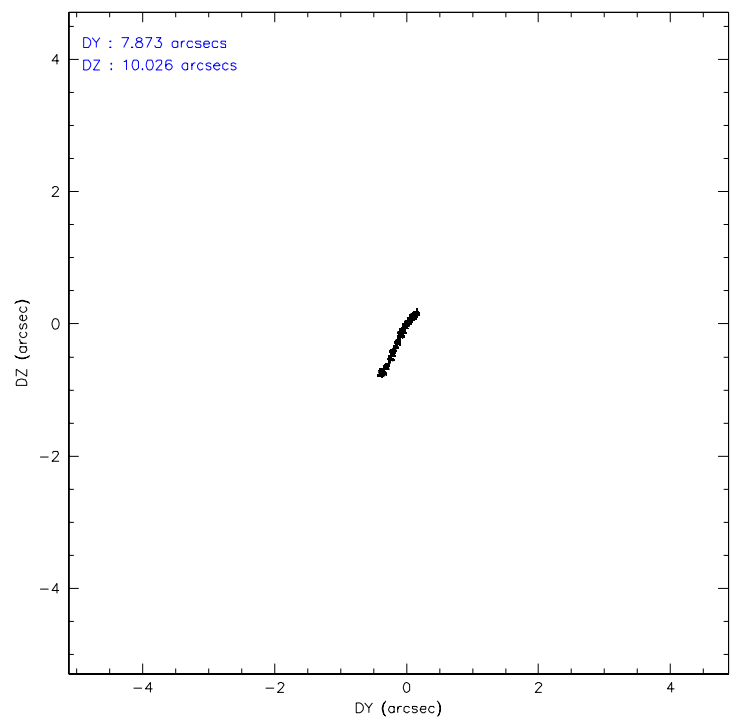
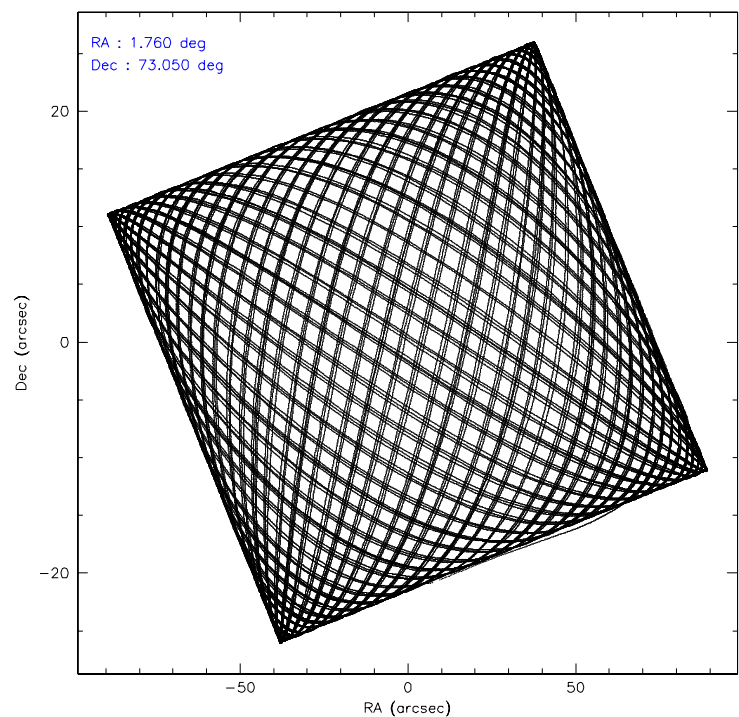
Level 1 Events

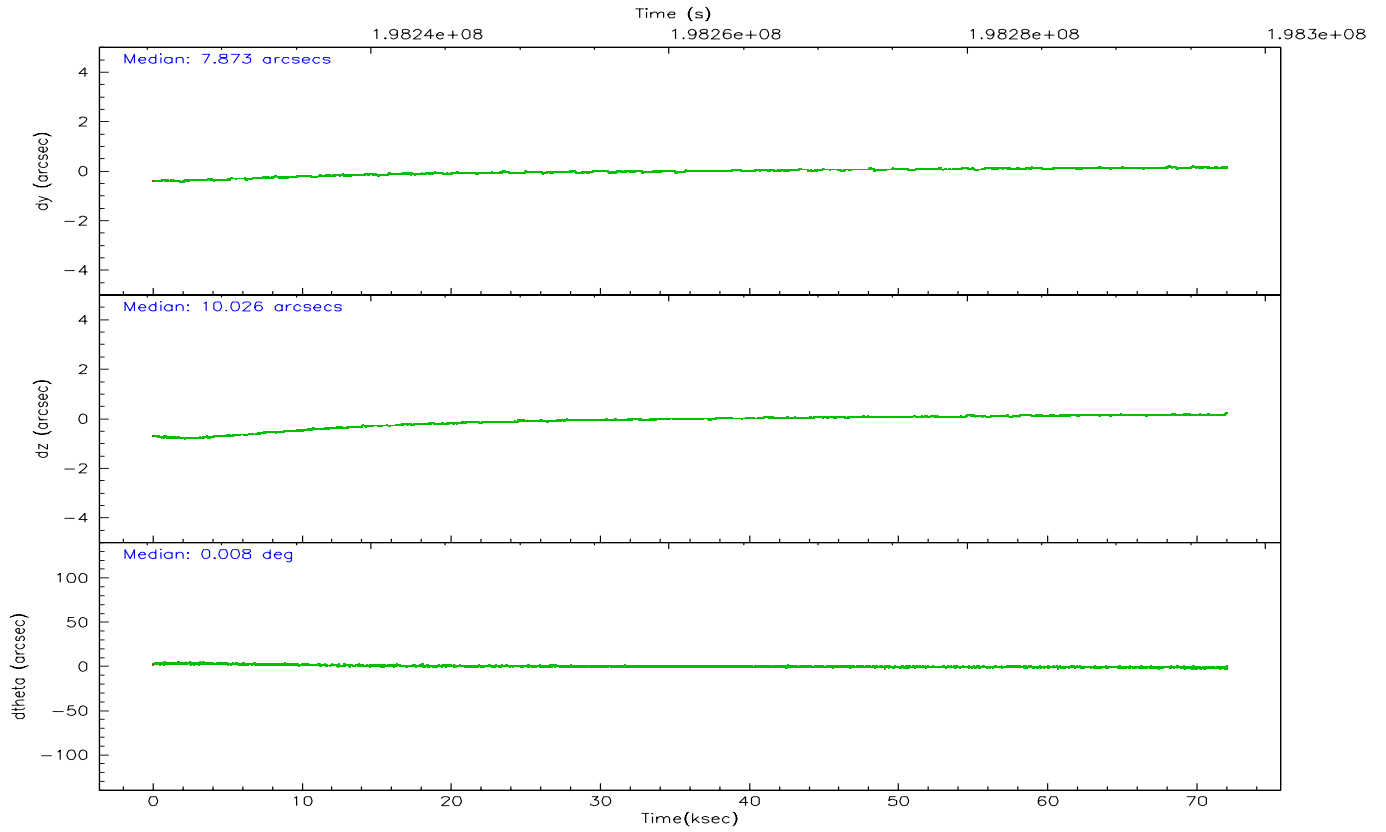
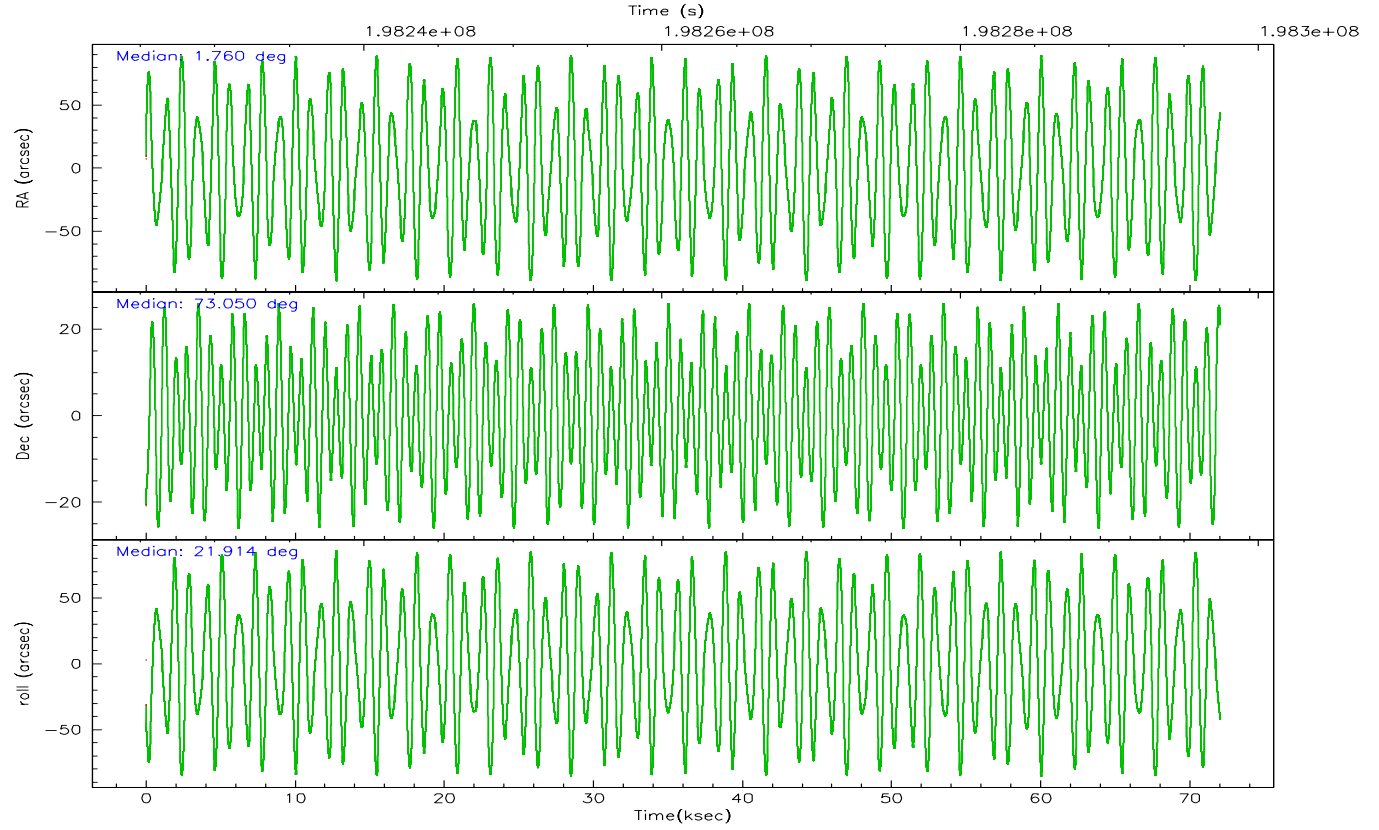
	segment 0
level 1 events	4905983
rejected events	67679
rejected %	1%

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	1.704653	1.760201946221924			
Pointing Dec	73.028600	73.05031613033442			
Pointing Roll	22.065254	21.91661943067425			
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	198225521.184000	198224683.73849			
Observation start date	2004-04-13T06:37:37	2004-04-13T06:24:43			
Observation end time	198297434.184000	198297748.8167			
Observation end date	2004-04-14T02:36:10	2004-04-14T02:42:28			

2.3 Aspect



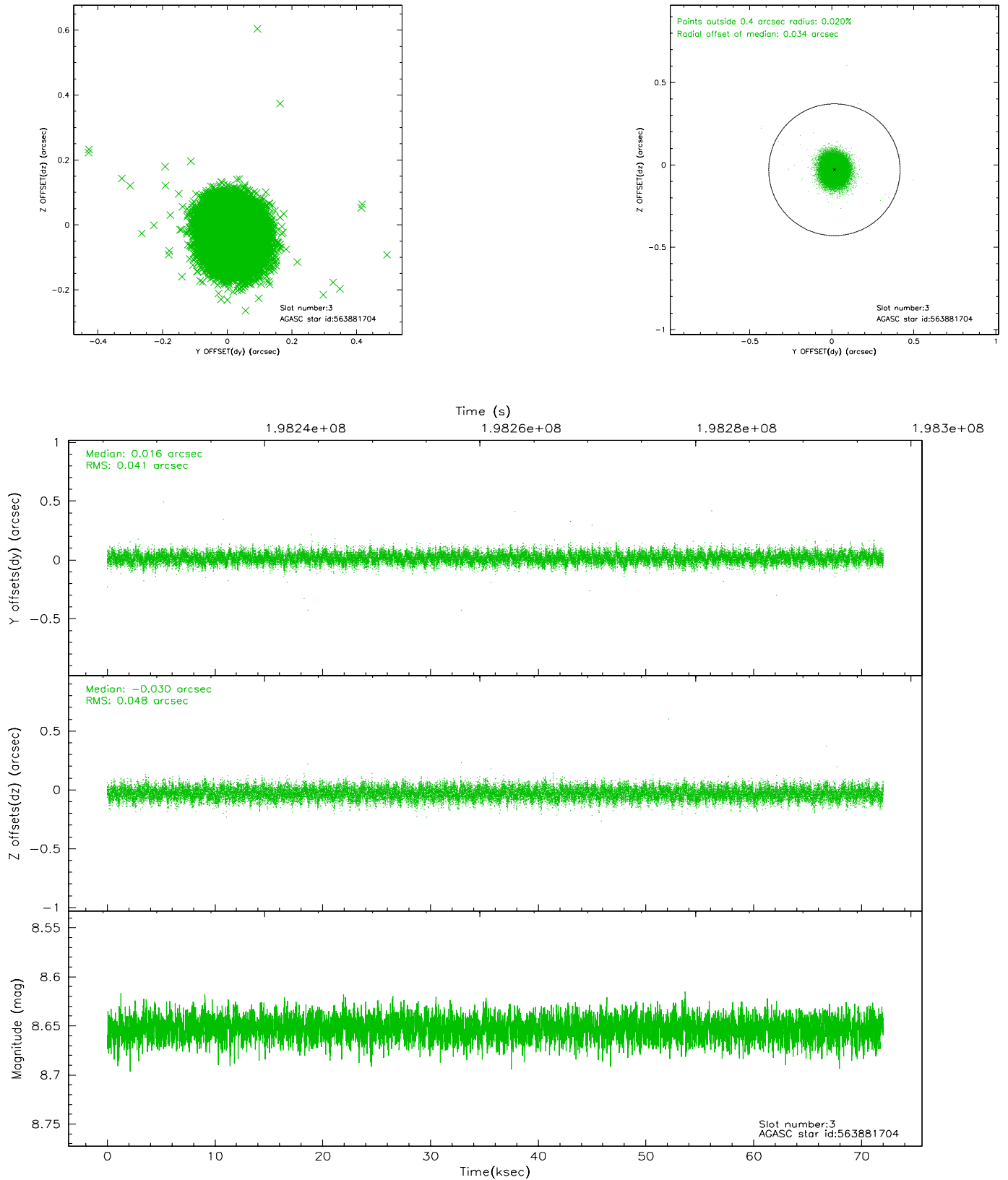


Slot Statistics

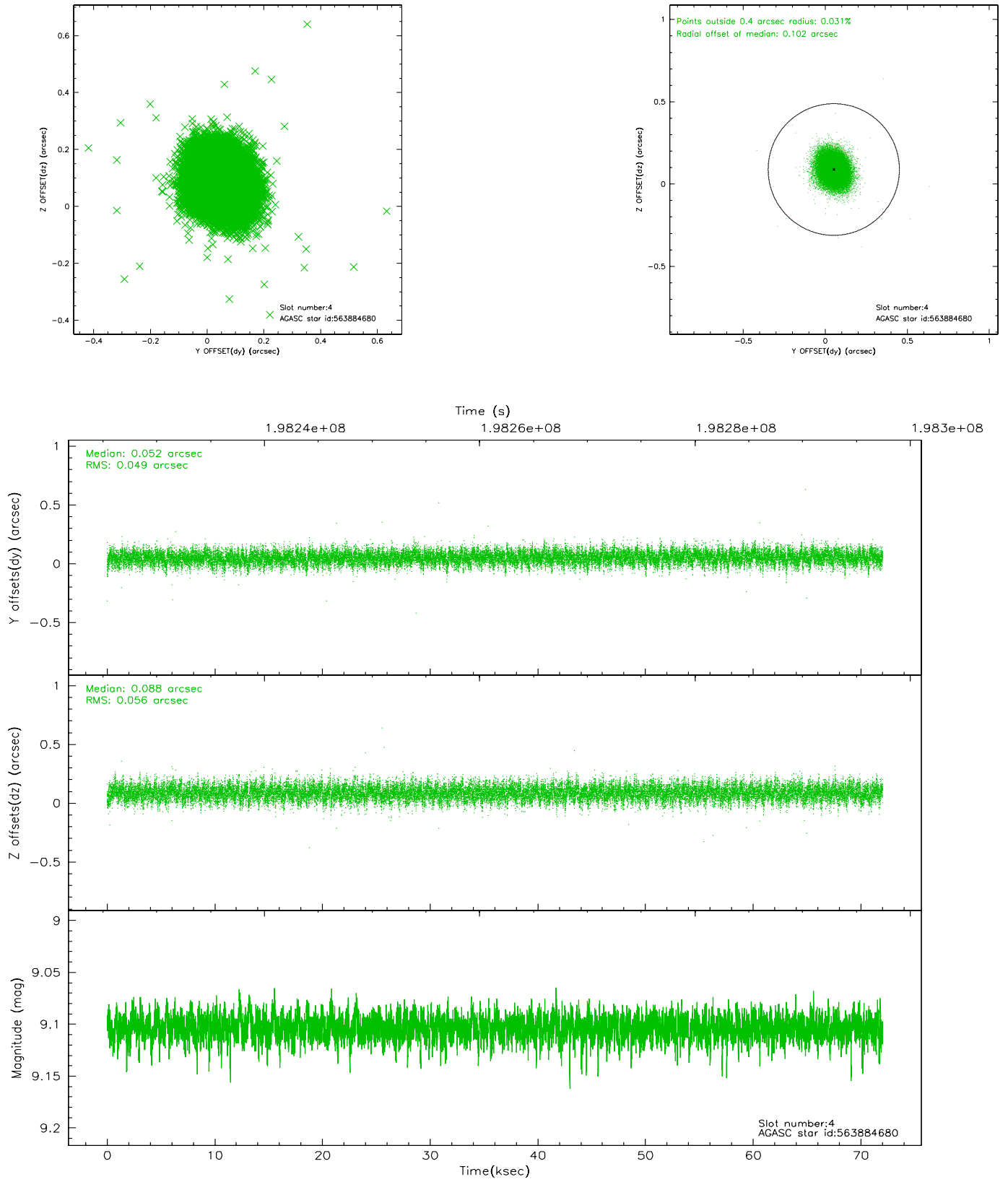
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.99	17572	-0.024	0.032	0.011	0.026	0.000000	0.000000	-763.46	-1297.83
1	FID	HRC-I-2	7.03	17571	0.120	-0.063	0.008	0.022	0.000000	0.000000	849.27	-1299.56
2	FID	HRC-I-3	7.09	17572	0.023	-0.059	0.008	0.016	0.000000	0.000000	-1191.87	1006.56
3	GUIDE	563881704	8.65	35135	0.016	-0.030	0.067	0.107	2.231330	72.827527	248.02	-878.70
4	GUIDE	563884680	9.10	35124	0.052	0.088	0.078	0.130	2.193111	73.018551	463.66	-224.40
5	GUIDE	564397200	7.77	35143	-0.017	-0.071	0.068	0.109	0.849865	73.174504	-625.71	827.41
6	GUIDE	564398624	8.08	35129	0.023	-0.009	0.067	0.107	1.807475	73.210290	345.14	566.19
7	GUIDE	588129232	7.92	35140	-0.074	0.025	0.065	0.105	359.982427	72.615957	-2264.51	-656.22

2.4 Star Slots

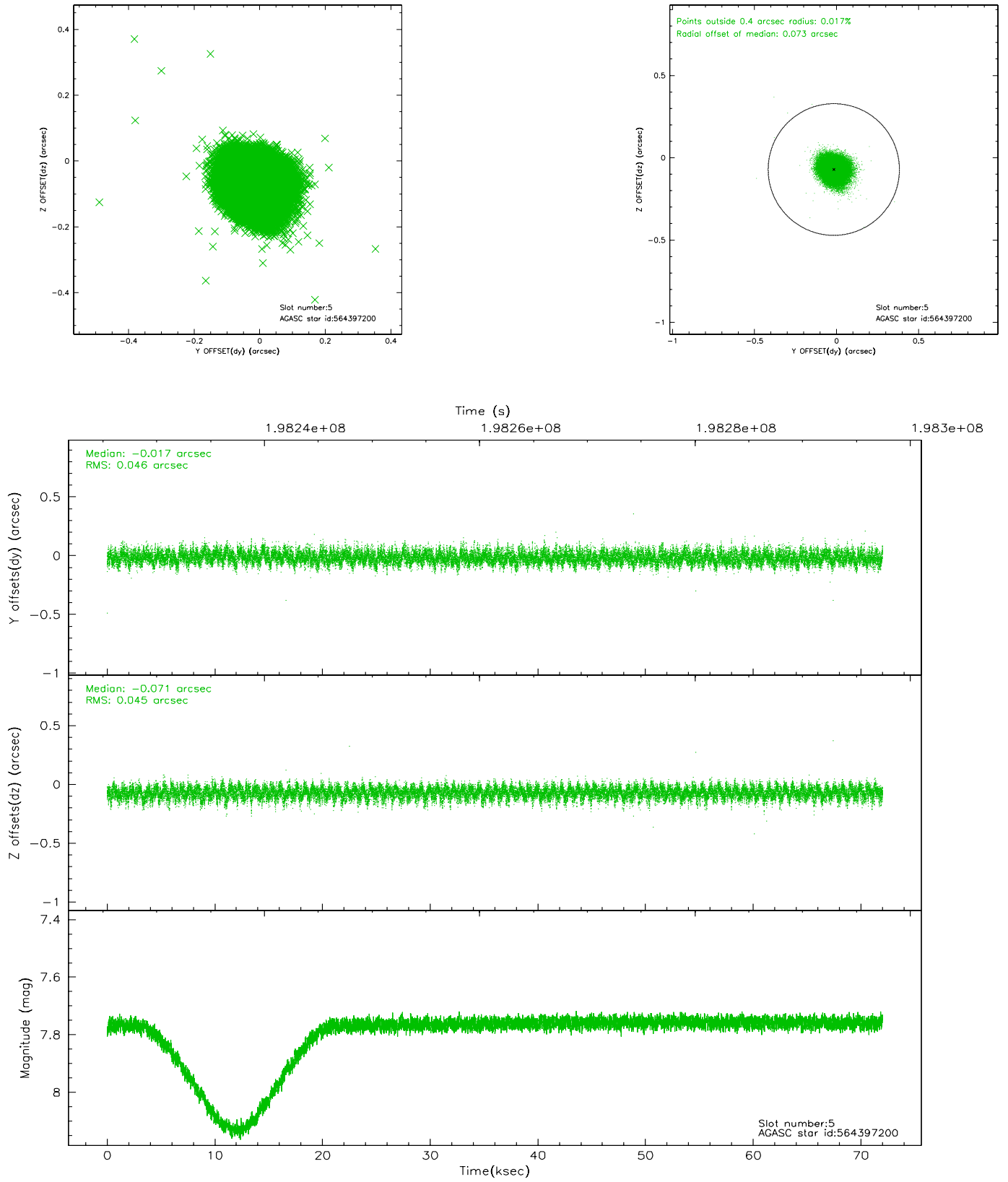
2.4.1 Slot 3



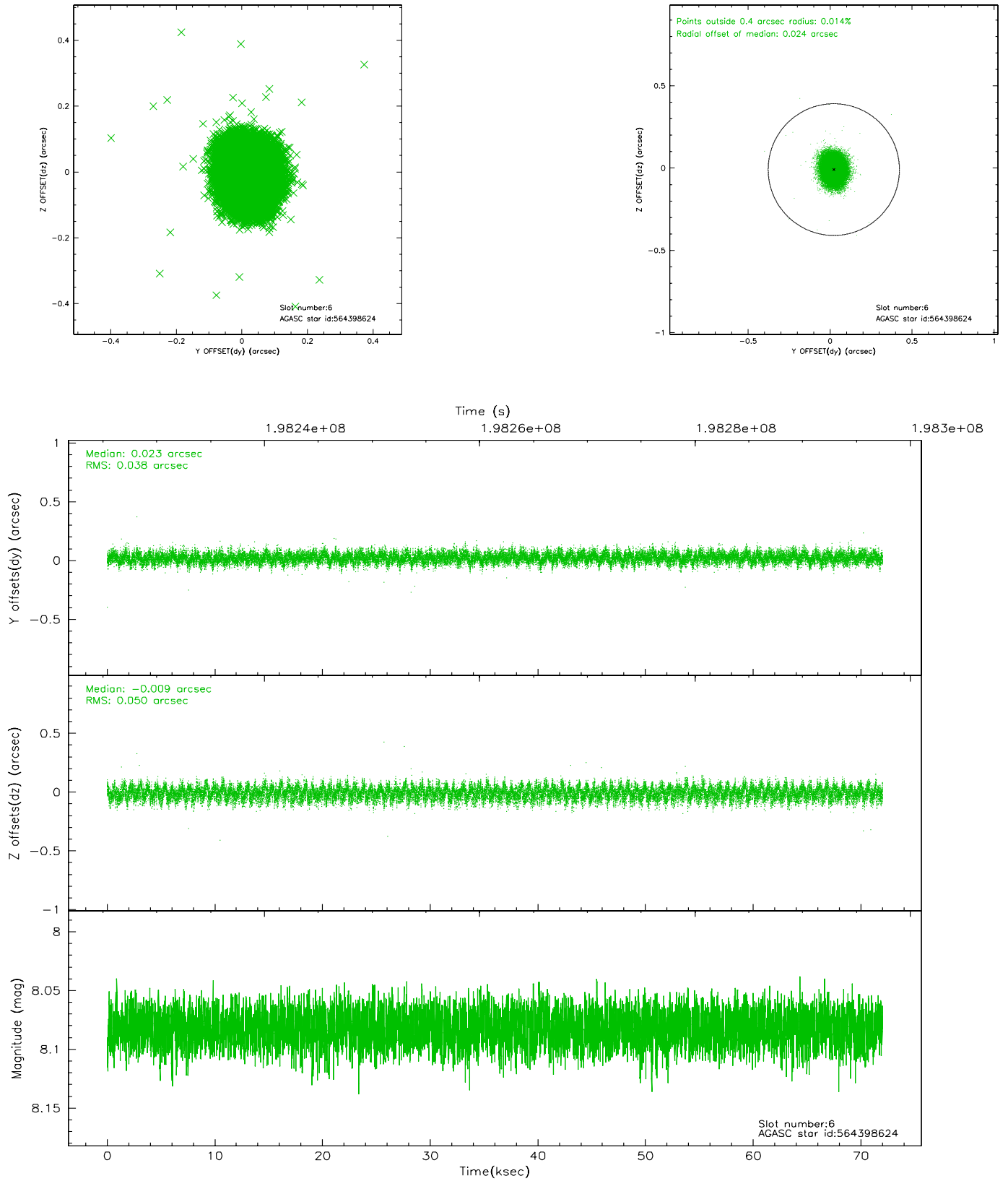
2.4.2 Slot 4



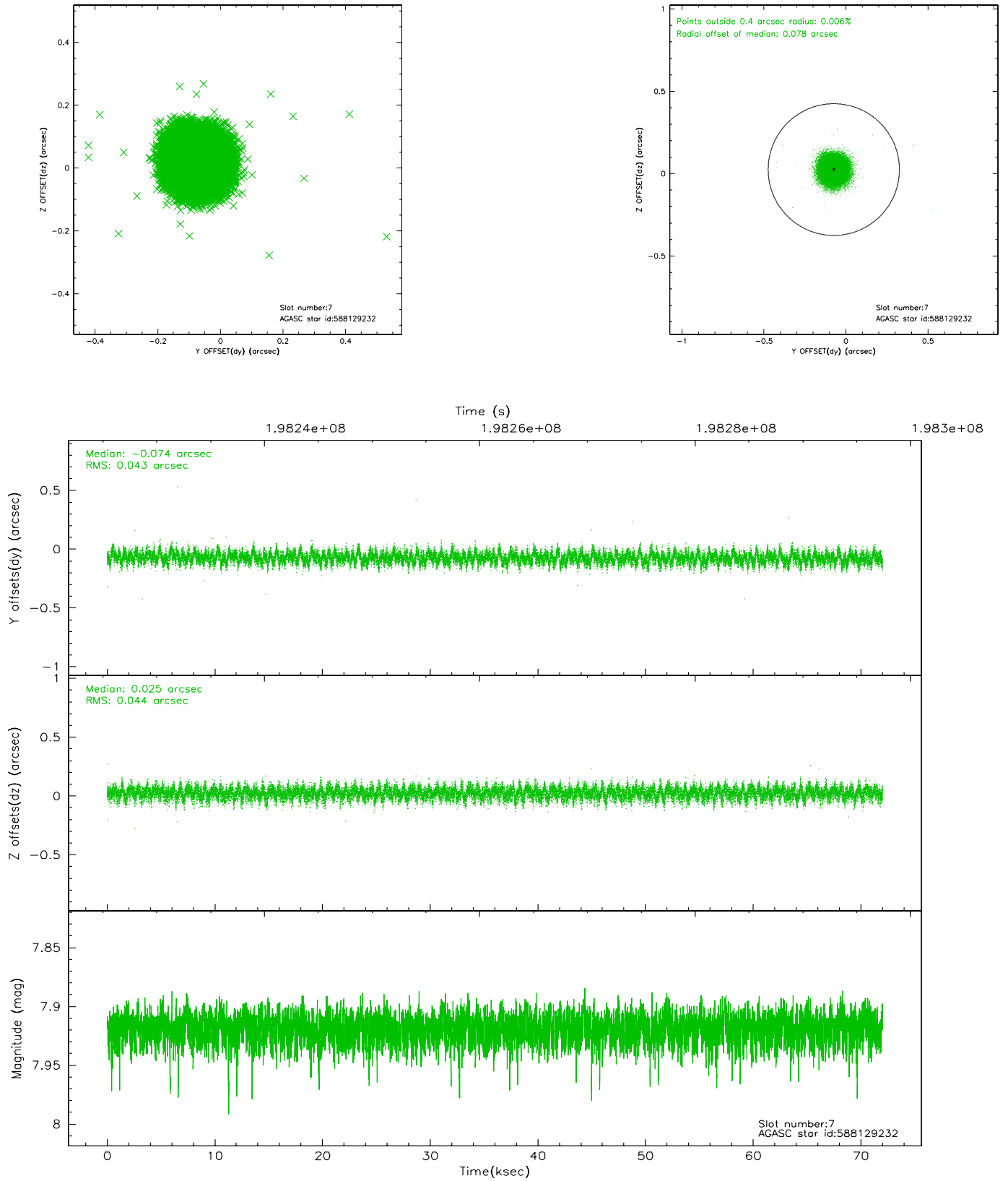
2.4.3 Slot 5



2.4.4 Slot 6

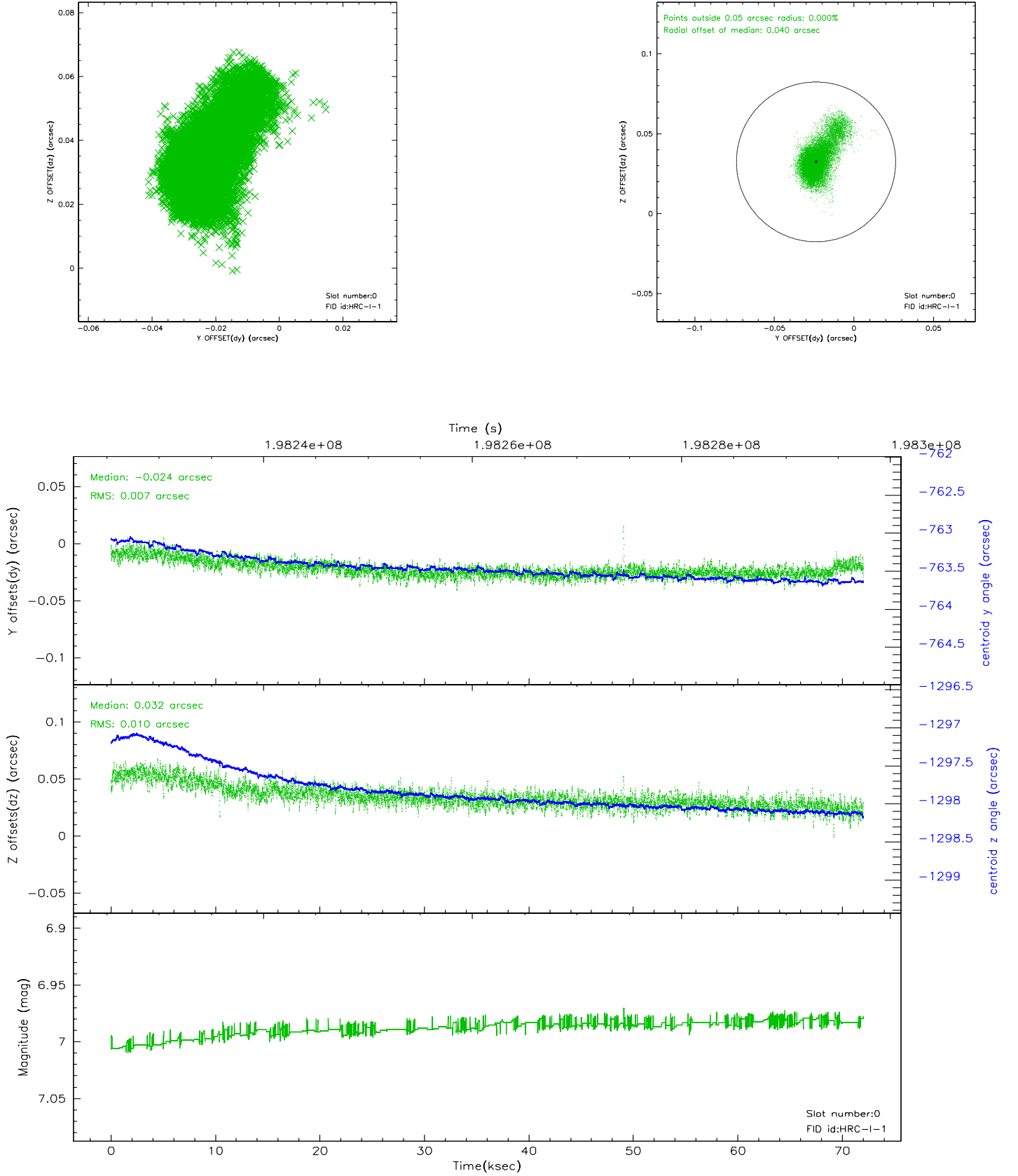


2.4.5 Slot 7

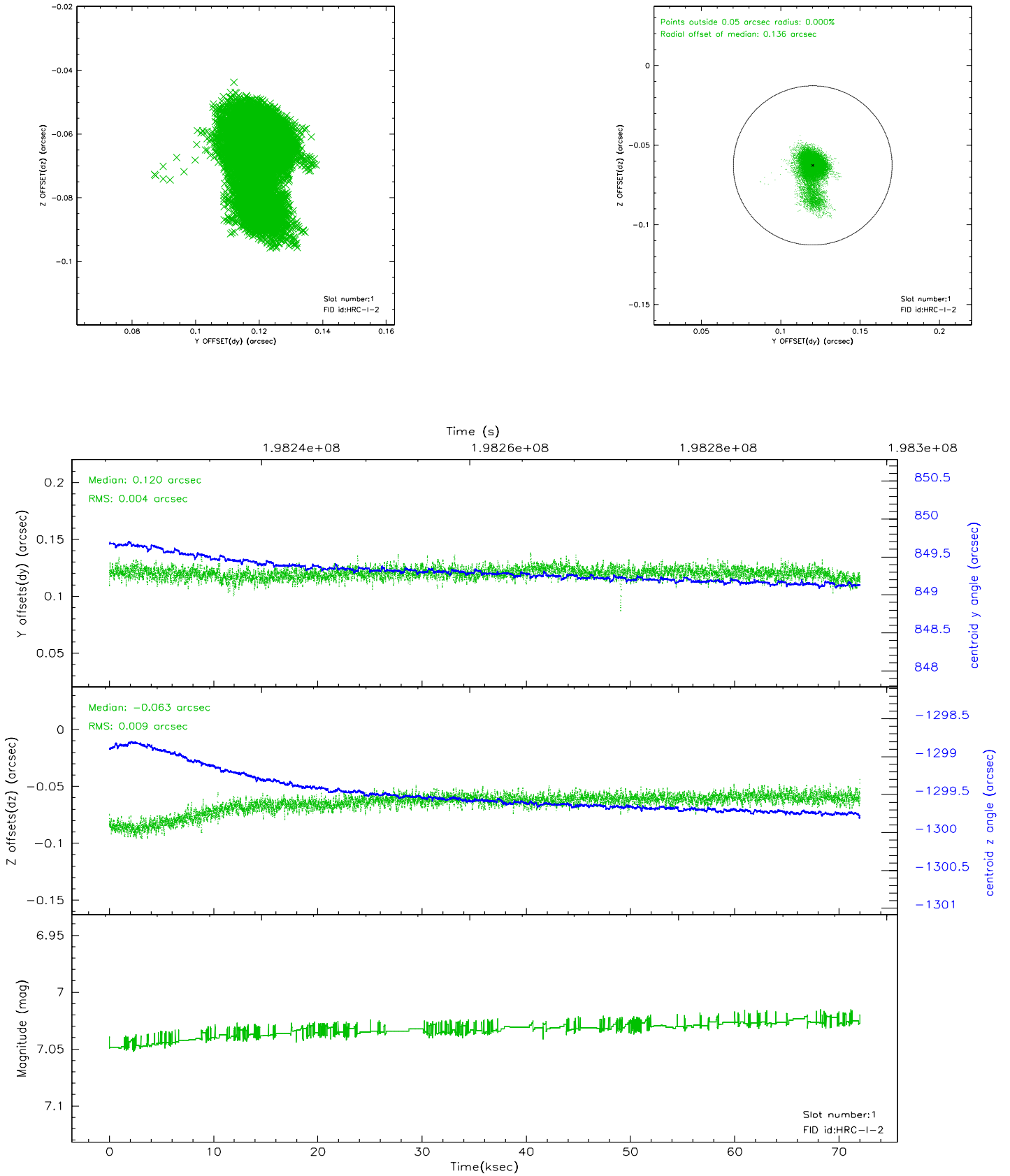


2.5 FID Slots

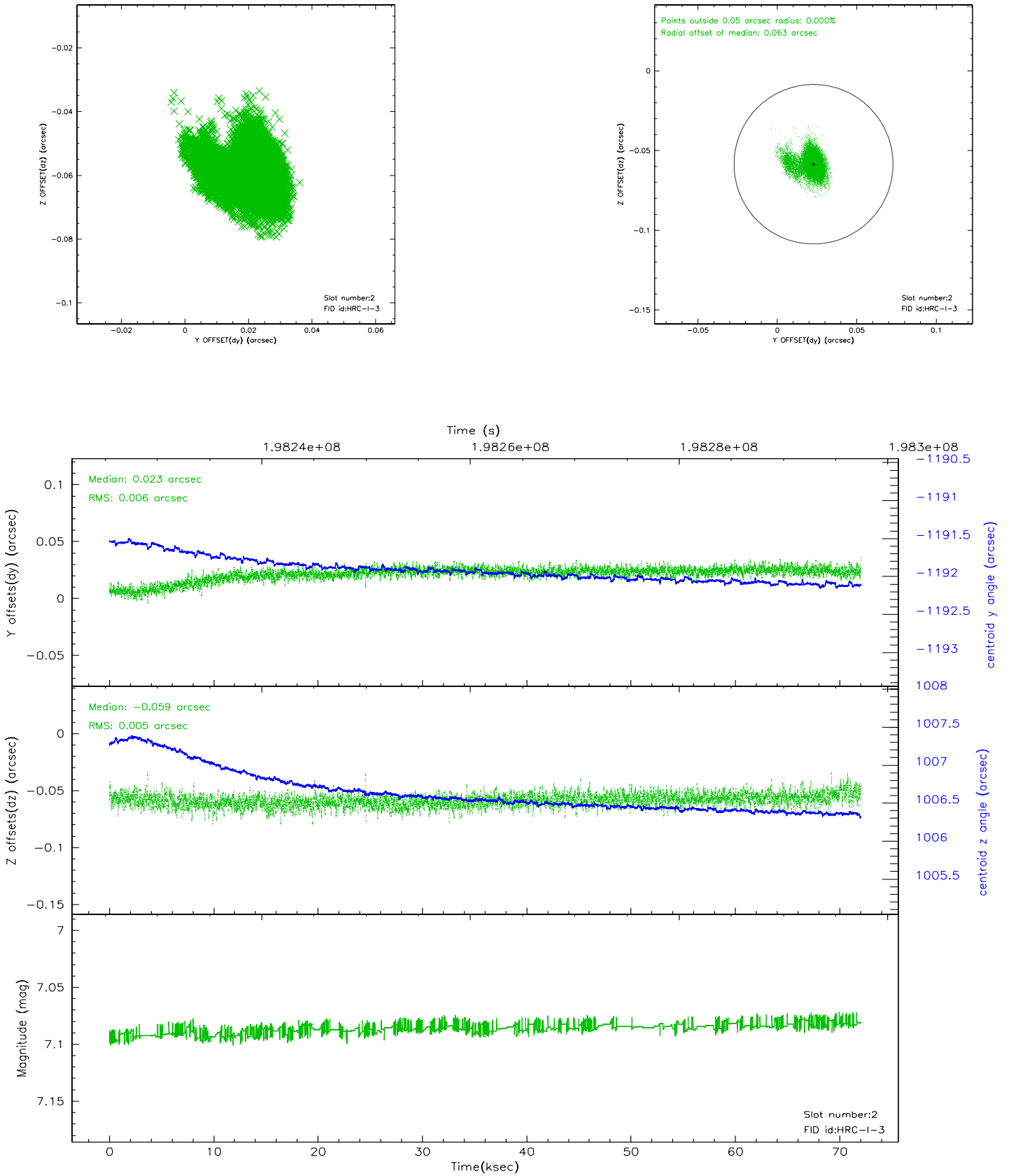
2.5.1 Slot 0



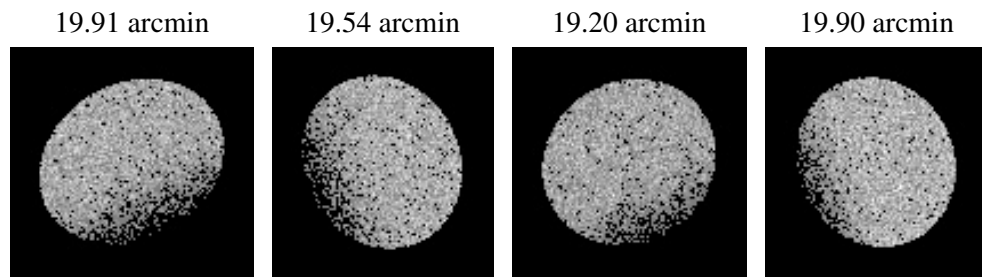
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.12.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	72.042

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.