

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 6093 - L2 Version 3
Chandra X-Ray Center

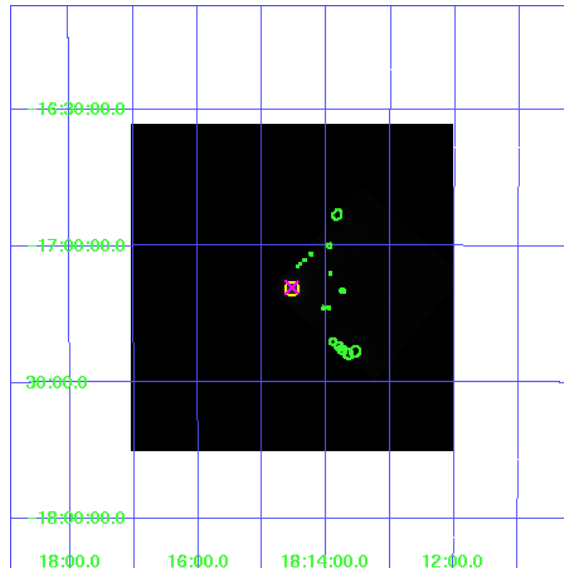
L2 Processing Date : Nov 24 2007

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1 Front

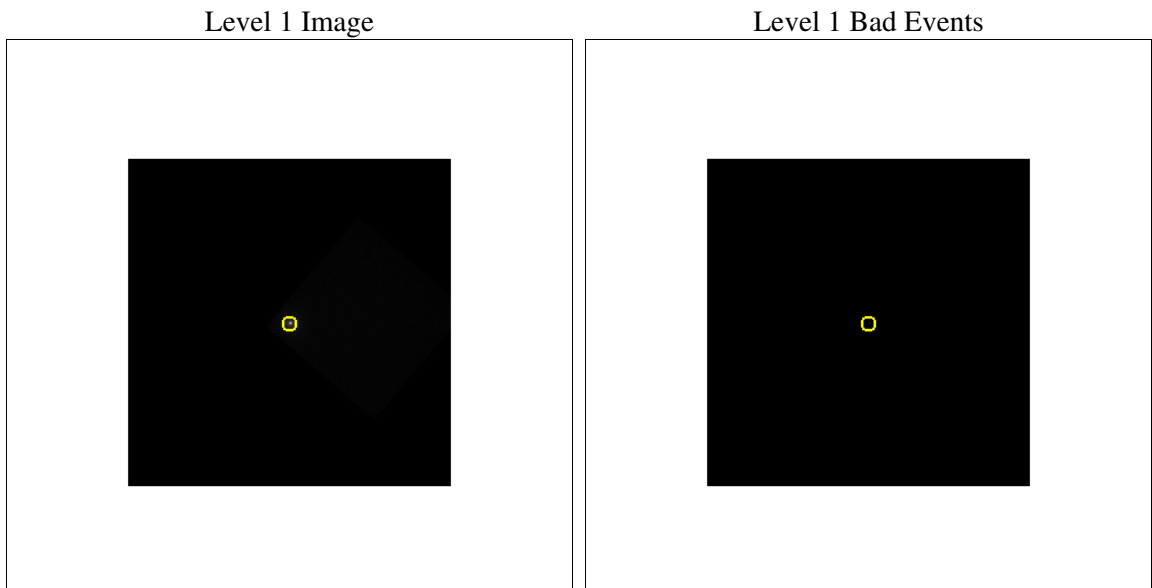
seq_num	900394
obs_id	6093
title	Filling in the X-ray Halo around GX13+1
observer	Dr. Randall Smith
object	GX13+1
ra_targ	273.631667
dec_targ	-17.157417
ra_nom	273.63370677342
dec_nom	-17.153533334794
roll_nom	85.455257661801
revision	3
ontime	9134.8004131913
livetime	8940.4835637769
l2events	1049628



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	2007-11-24T06:04:18
revision	3

sched_exp_time	9000.000000
ontime	9134.8004131913
l1events	1468819

2.1.3 Events

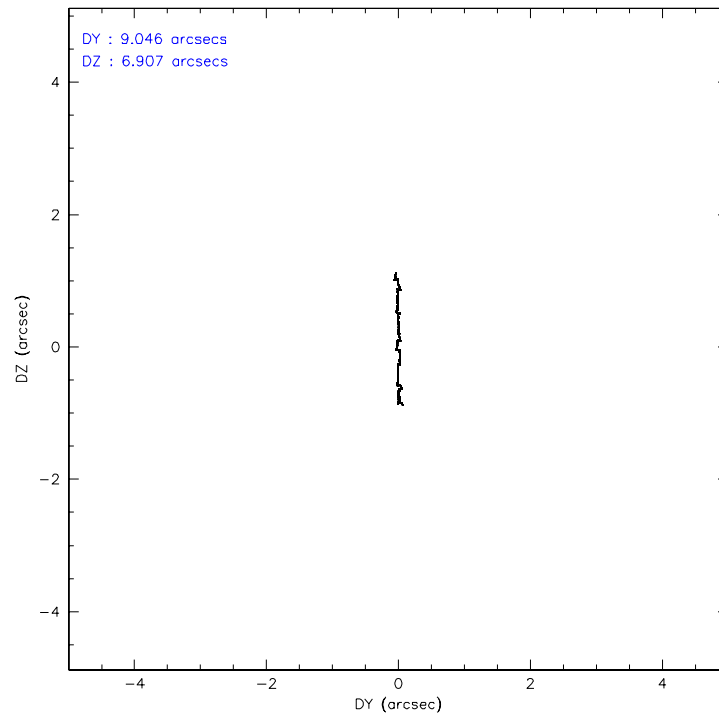
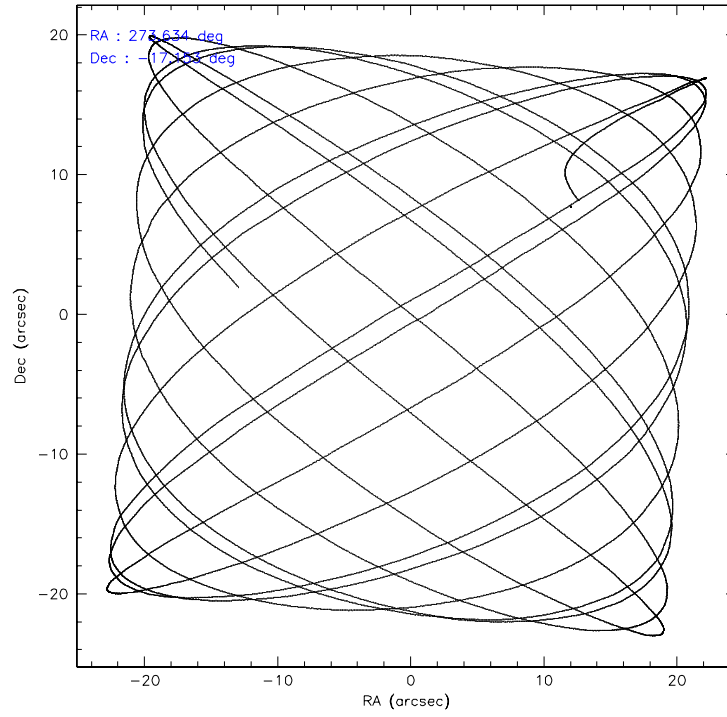
Level 1 Events

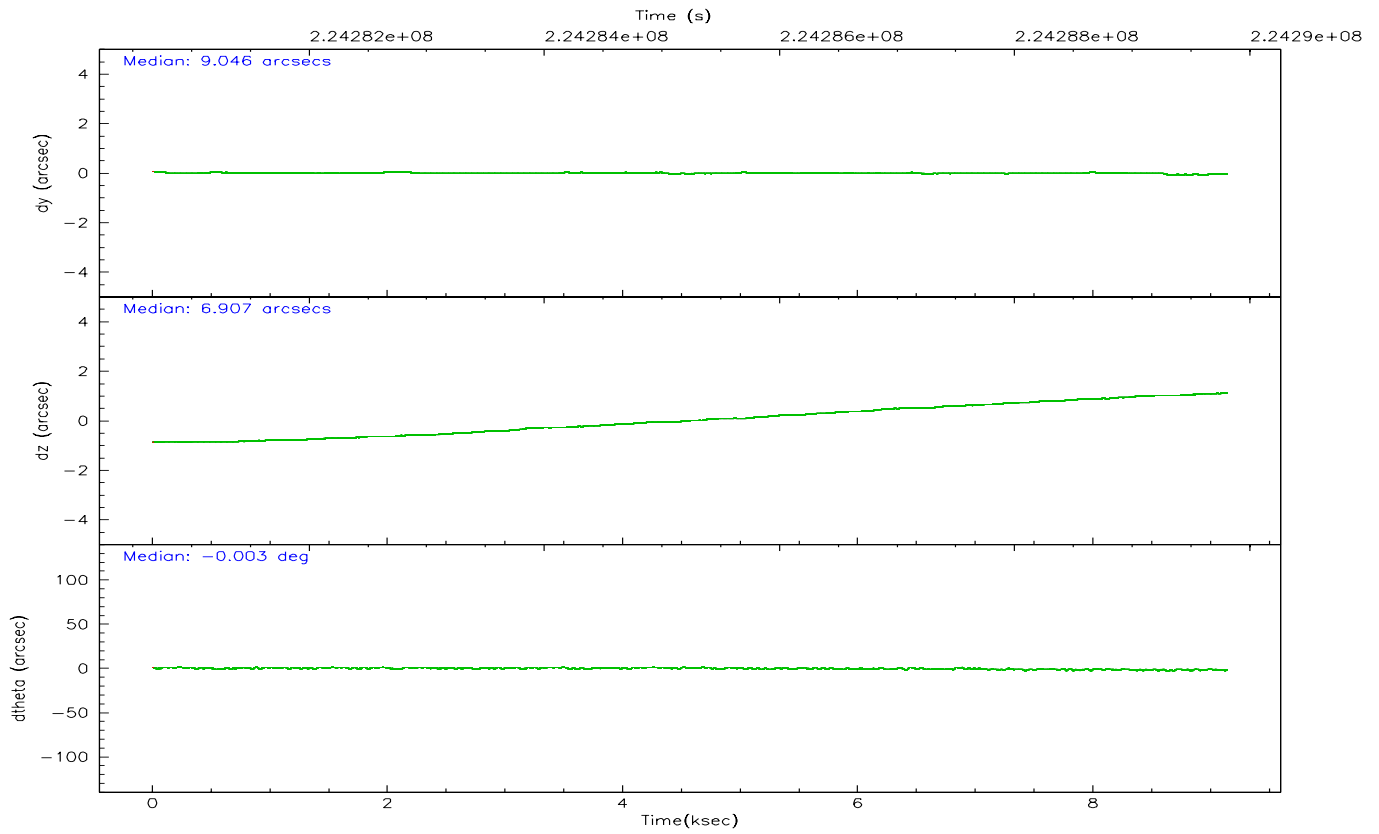
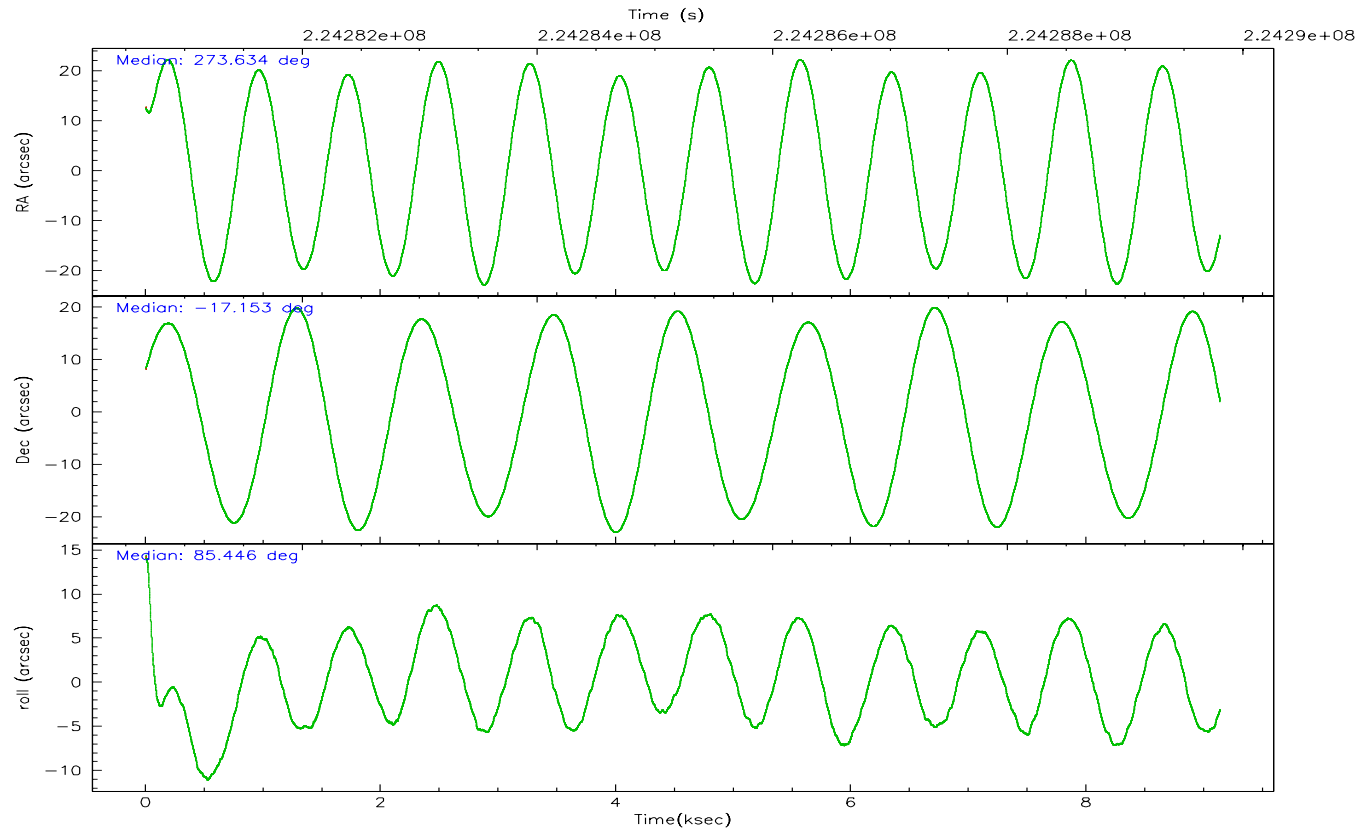
	segment 0
level 1 events	1468819
rejected events	155772
rejected %	10%

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	273.646447	273.633706773422			
Pointing Dec	-17.177904	-17.15353333479398			
Pointing Roll	85.554489	85.4552576618014			
SIM focus pos (mm)	-1.040293	-1.038866356238299			
SIM defocus (mm)	0	0.001426264420575141			
SIM translation stage pos (mm)	76.985494	76.97827727256096			
SIM translation stage offset (mm)	50	50.0072116190406			
Observation start time	224280814.184000	224279508.40093			
Observation start date	2005-02-08T20:12:30	2005-02-08T19:51:48			
Observation end time	224289814.184000	224290054.62641			
Observation end date	2005-02-08T22:42:30	2005-02-08T22:47:34			

2.3 Aspect



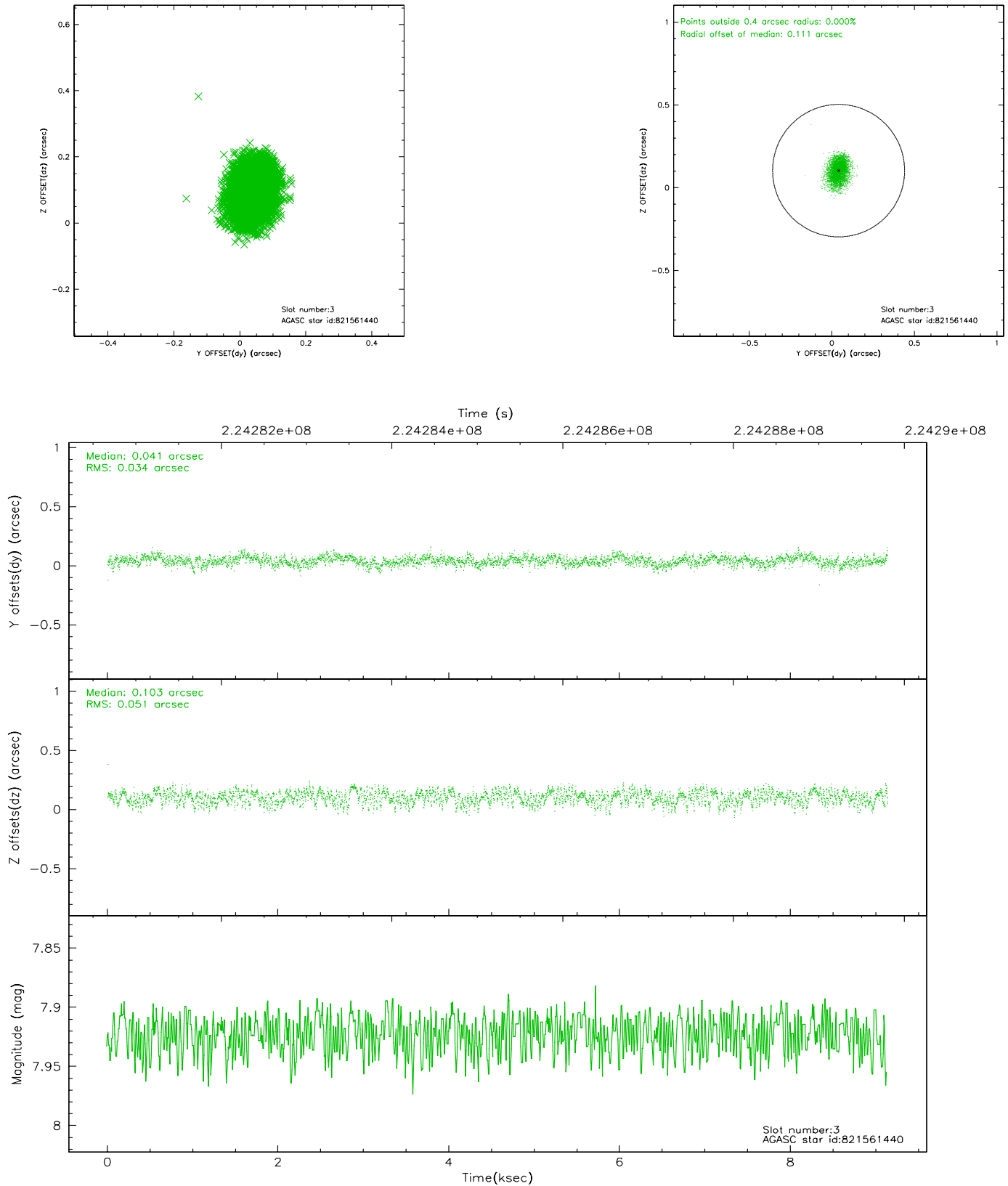


Slot Statistics

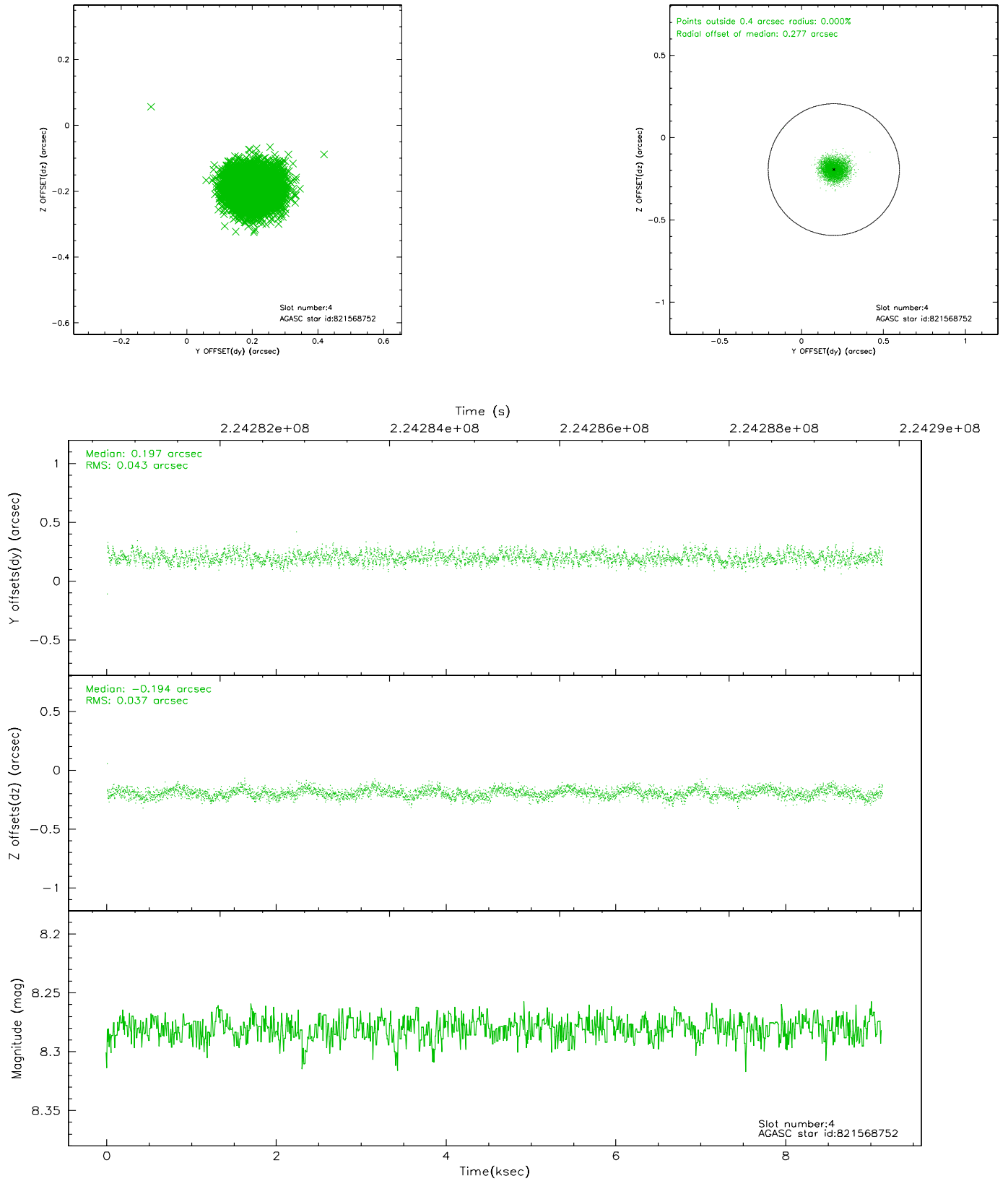
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	2229	-0.160	-0.443	0.008	0.013	0.000000	0.000000	-762.81	-272.44
1	FID	HRC-I-2	7.10	2229	-0.145	-0.119	0.014	0.030	0.000000	0.000000	846.58	-268.34
2	FID	HRC-I-4	6.93	2229	0.419	0.470	0.012	0.028	0.000000	0.000000	1277.55	2036.05
3	GUIDE	821561440	7.92	4458	0.041	0.103	0.066	0.106	273.991252	-17.607934	-1453.07	-1299.53
4	GUIDE	821568752	8.28	4457	0.197	-0.194	0.061	0.097	273.050073	-17.733446	-2156.61	1883.07
5	GUIDE	821570064	6.60	4458	-0.012	-0.258	0.044	0.071	273.185111	-17.414521	-975.25	1514.06
6	GUIDE	821707704	8.94	4457	-0.238	0.308	0.075	0.121	274.330077	-16.988328	858.19	-2292.94
7	GUIDE	821035184	9.07	4456	0.014	0.043	0.074	0.124	273.815482	-16.815826	1344.24	-479.69

2.4 Star Slots

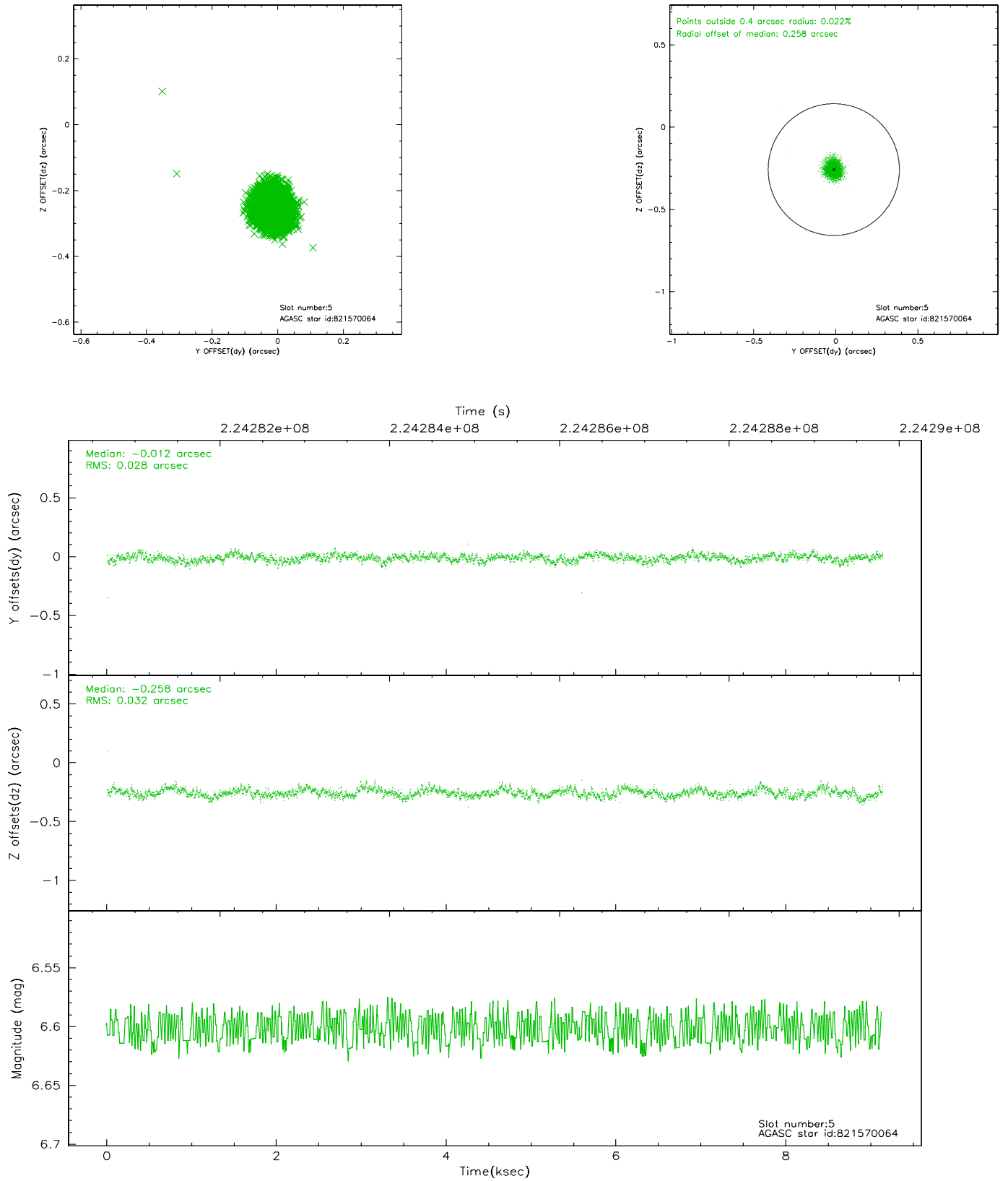
2.4.1 Slot 3



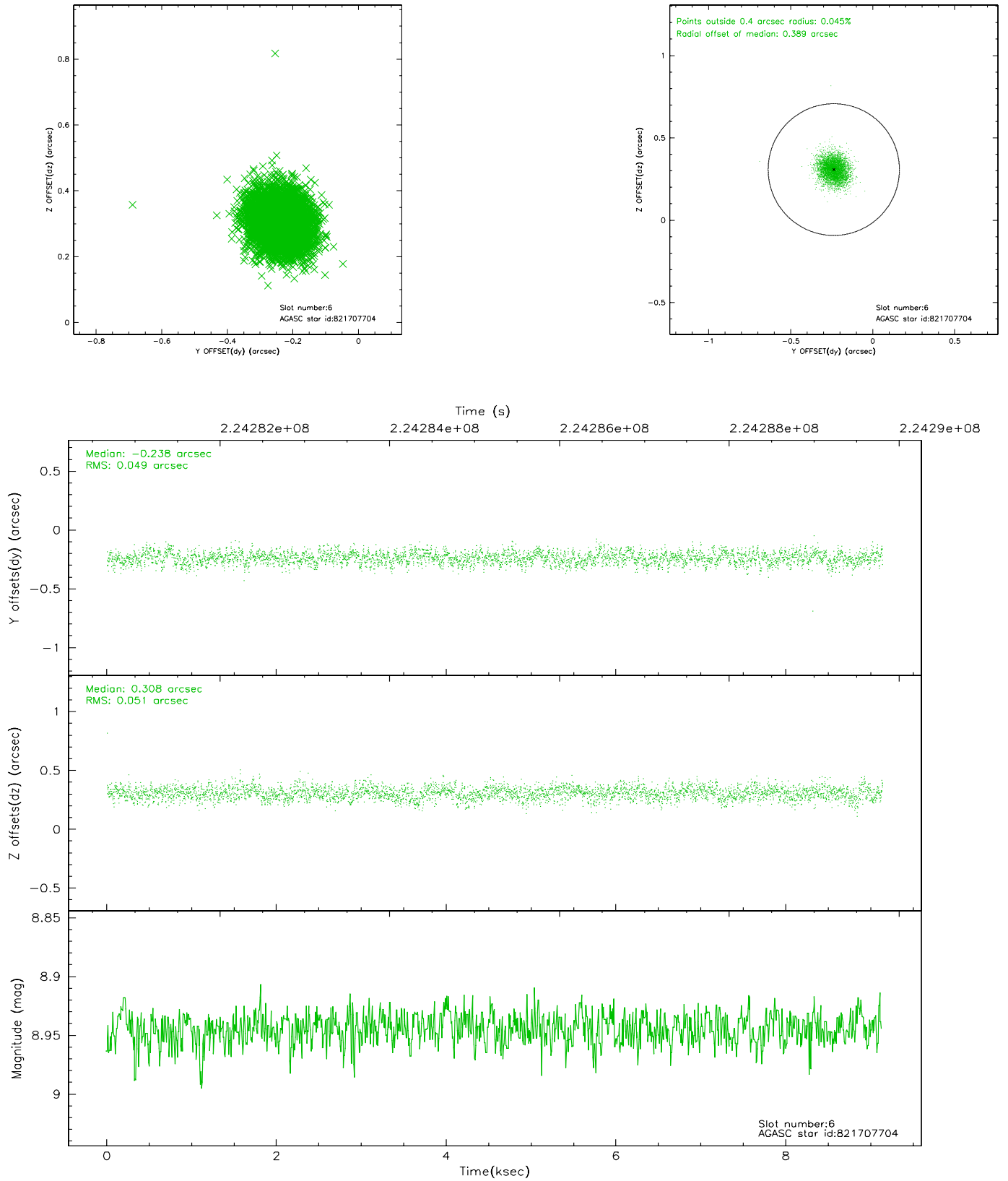
2.4.2 Slot 4



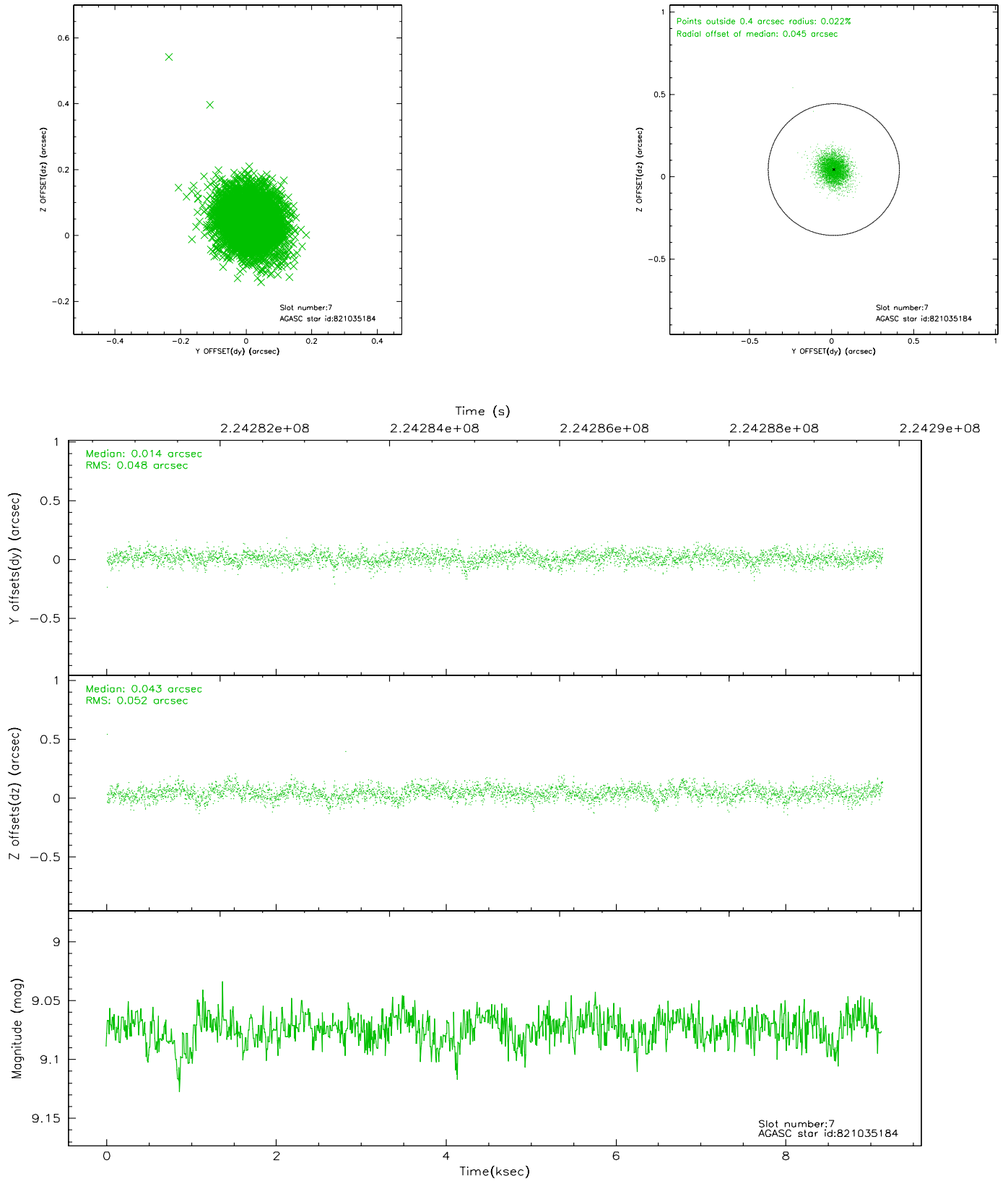
2.4.3 Slot 5



2.4.4 Slot 6

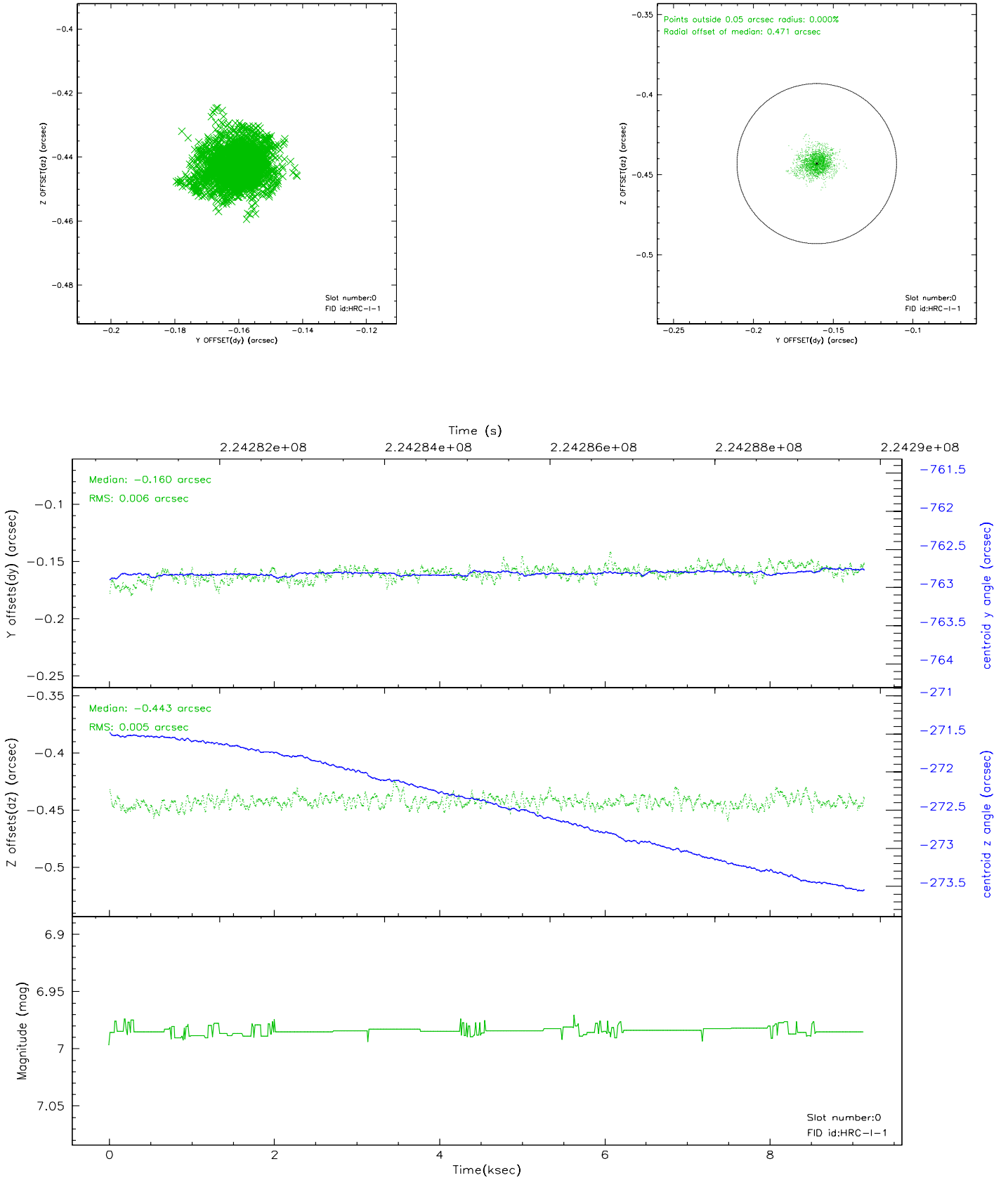


2.4.5 Slot 7

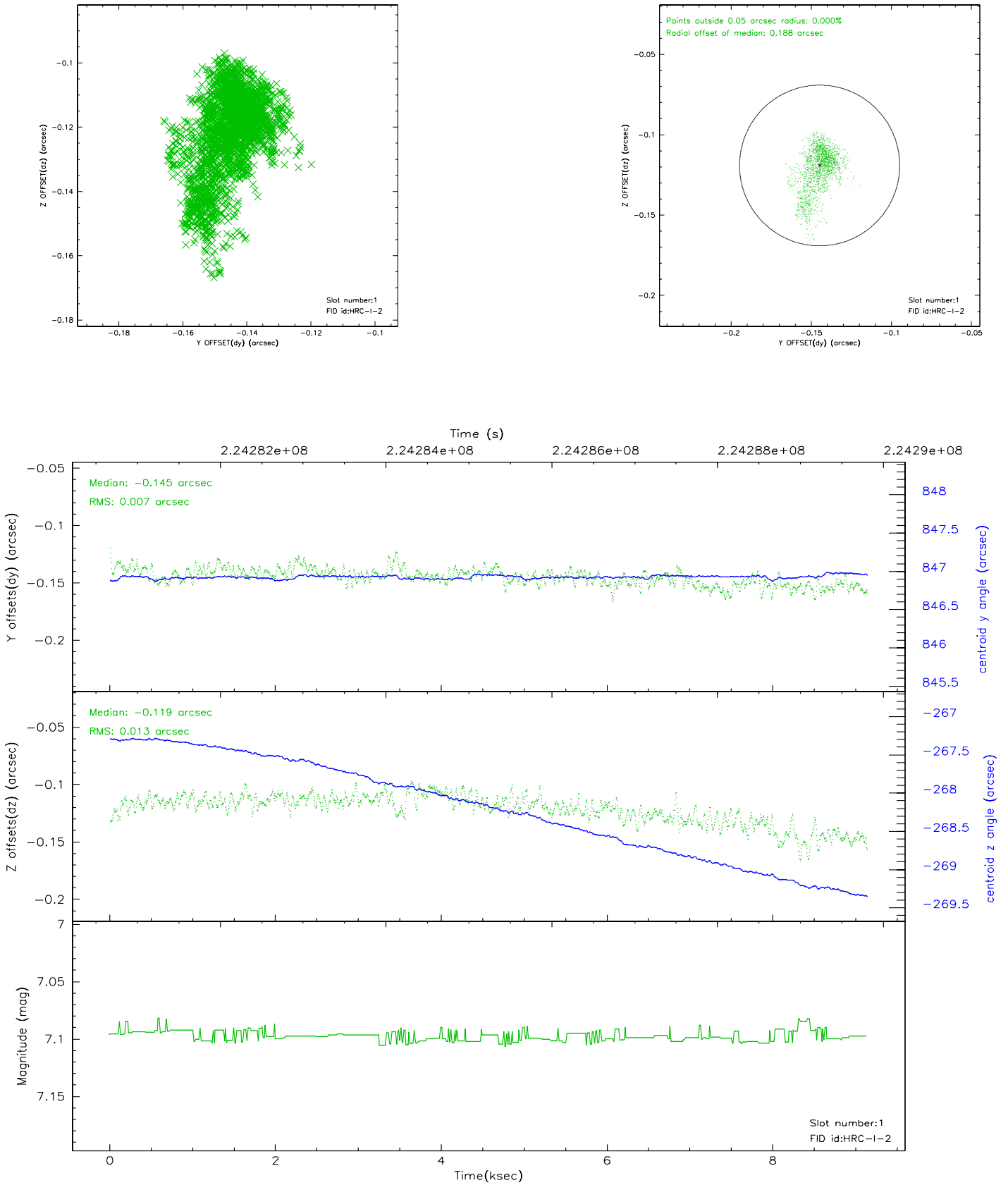


2.5 FID Slots

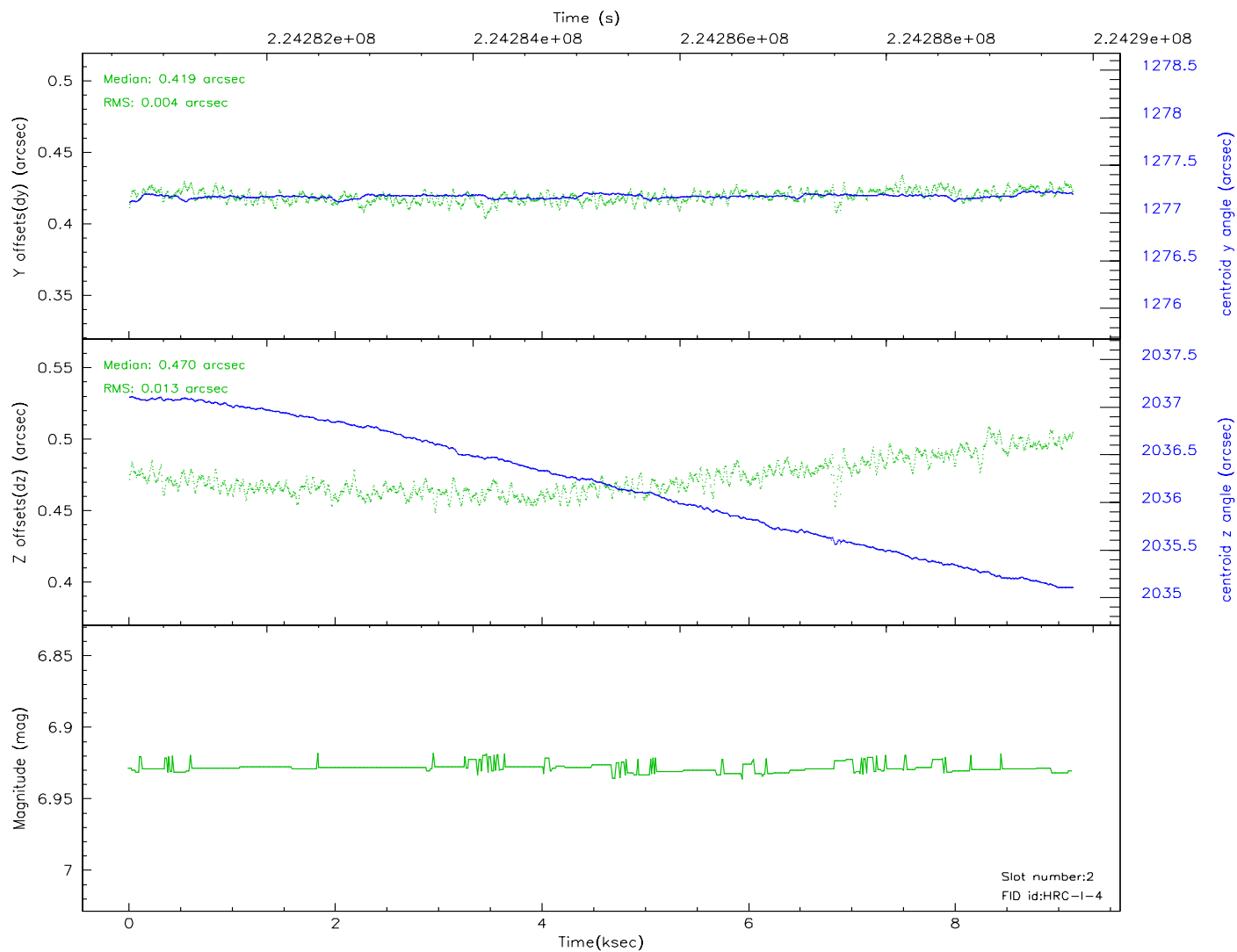
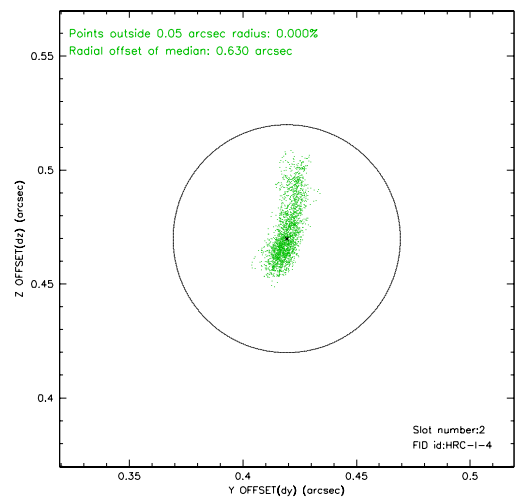
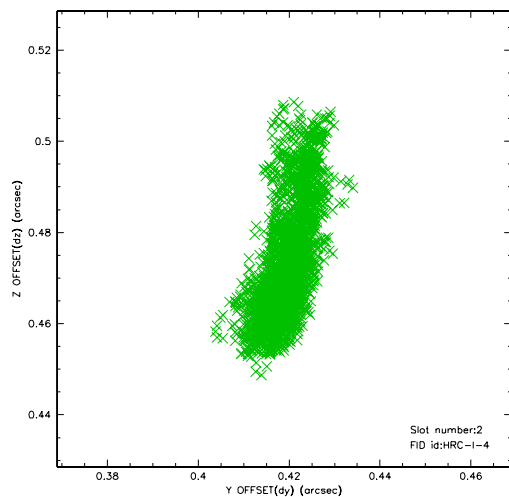
2.5.1 Slot 0



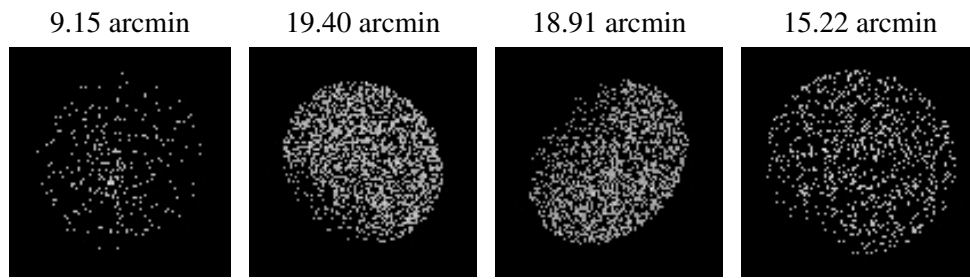
2.5.2 Slot 1



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	9.1348

A.2 Comments

The large offsets in the fid light positions are due to deliberate off-center placement of the source.

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.