

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 5992 - L2 Version 3
Chandra X-Ray Center

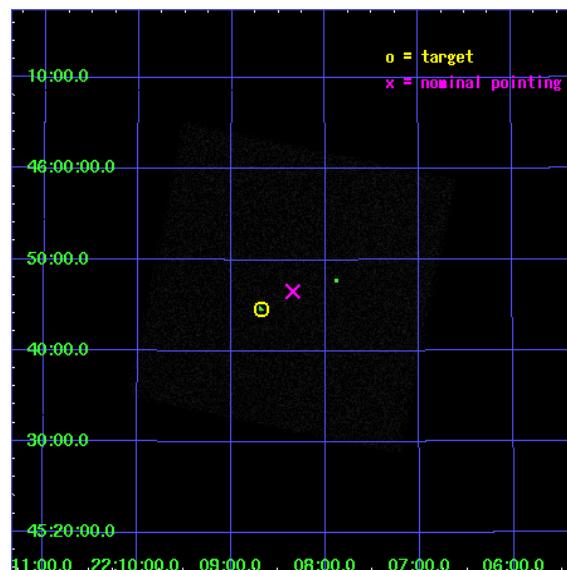
L2 Processing Date : Nov 24 2007

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1 Front

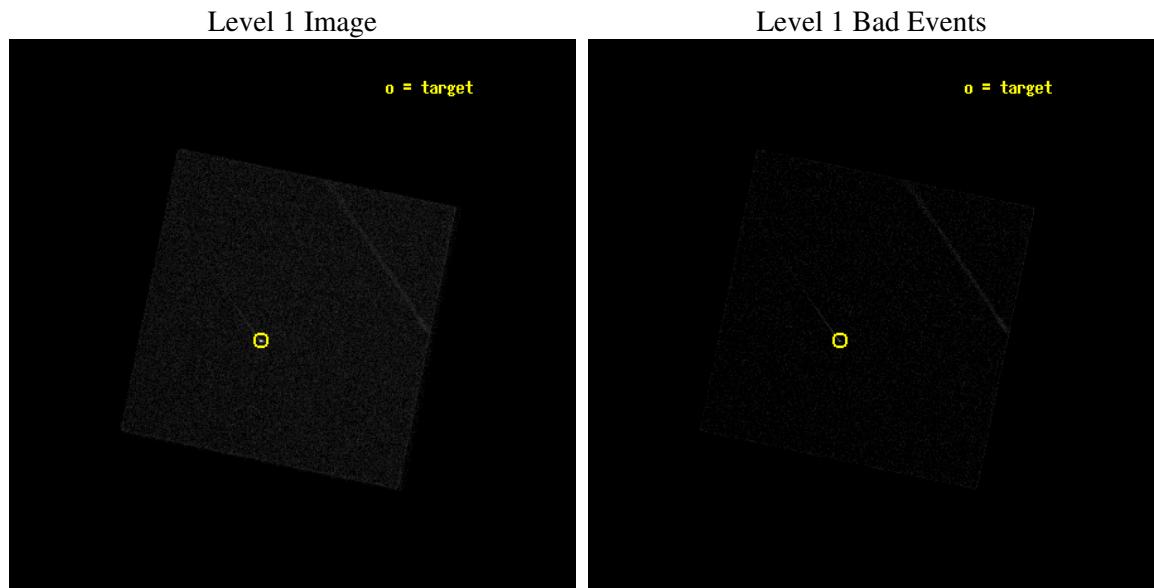
seq_num	290484
obs_id	5992
title	AO6 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain
observer	Dr. CXC Calibration
object	ArLac
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.08617696039
dec_nom	45.776070632922
roll_nom	236.774826189
revision	3
ontime	1180.0313042998
livetime	1171.3089313552
l2events	52509



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	2007-11-24T18:33:12
revision	3

sched_exp_time	1000.000000
ontime	1180.0313042998
l1events	148408

2.1.3 Events

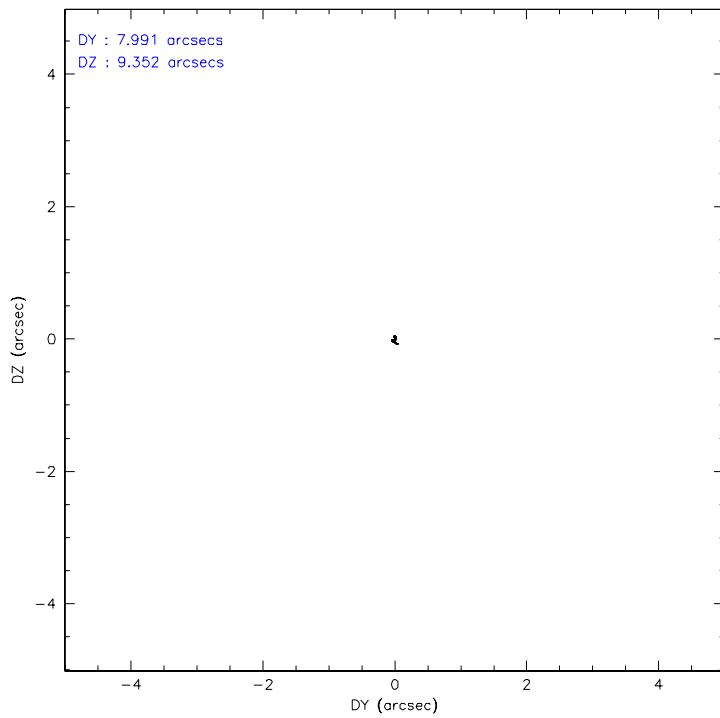
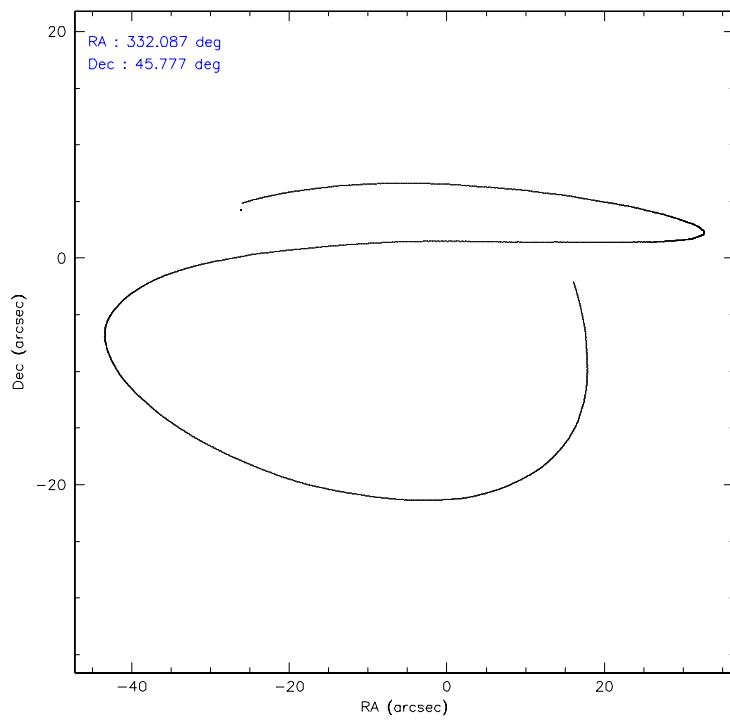
Level 1 Events

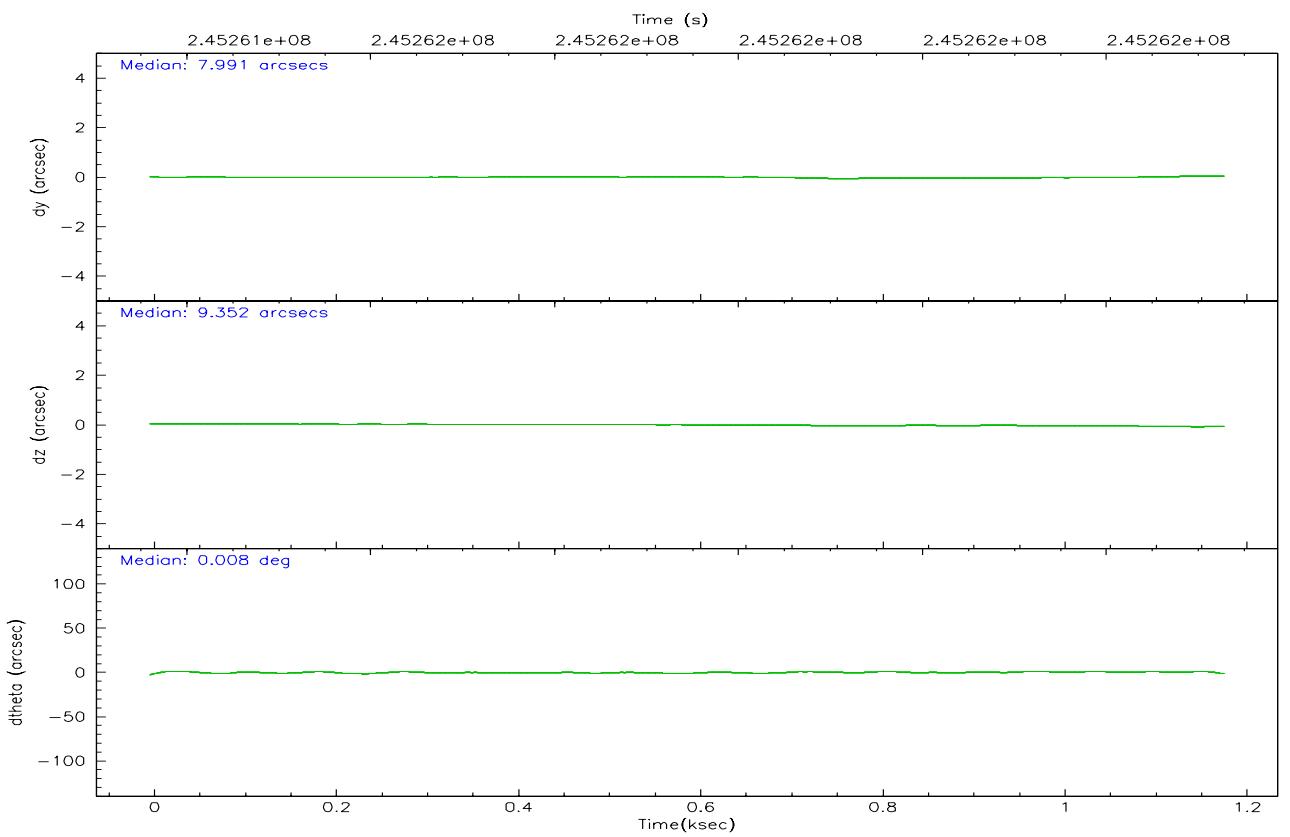
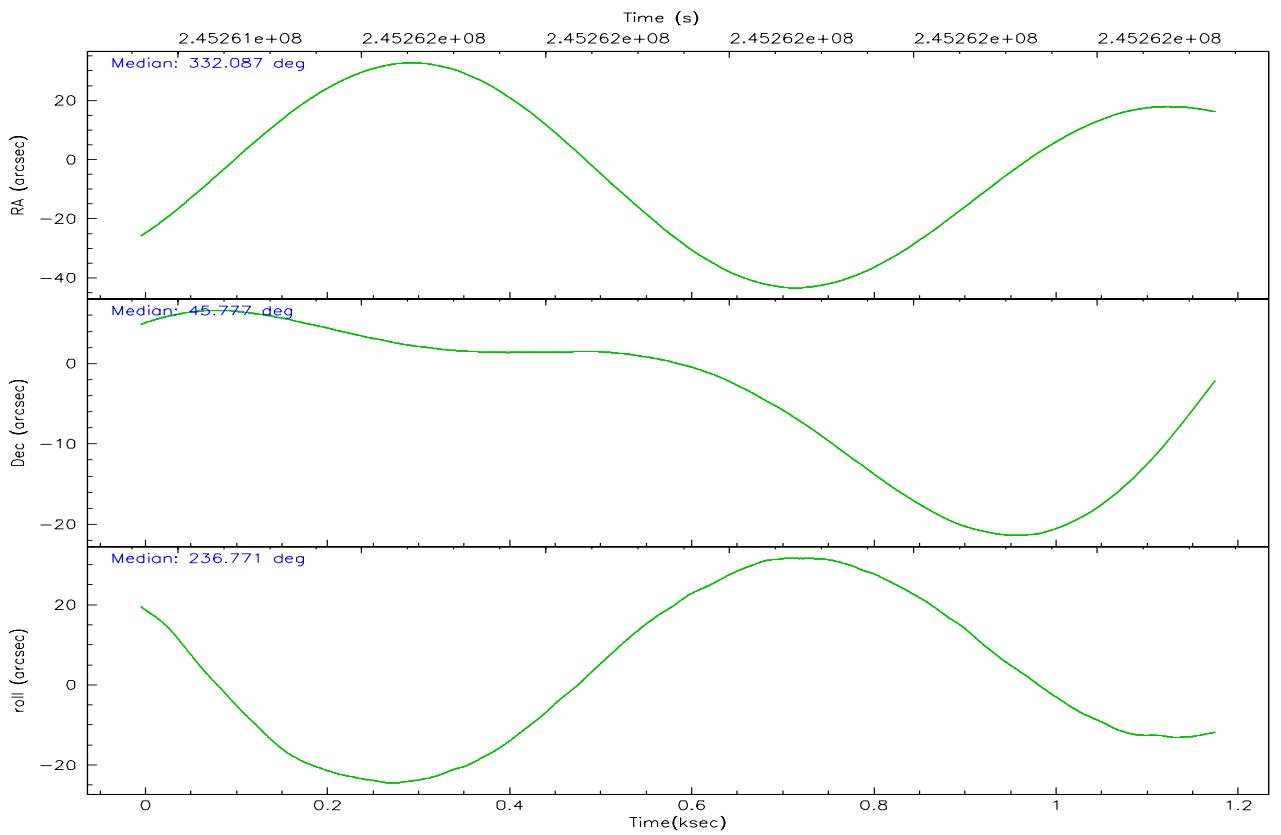
	segment 0
level 1 events	148408
rejected events	74056
rejected %	49%

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	332.086343	332.0861769603858			
Pointing Dec	45.803516	45.77607063292172			
Pointing Roll	236.870171	236.7748261889982			
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	245261536.184000	245261159.93347			
Observation start date	2005-10-09T16:11:12	2005-10-09T16:05:59			
Observation end time	245262536.184000	245263627.62108			
Observation end date	2005-10-09T16:27:52	2005-10-09T16:47:07			

2.3 Aspect



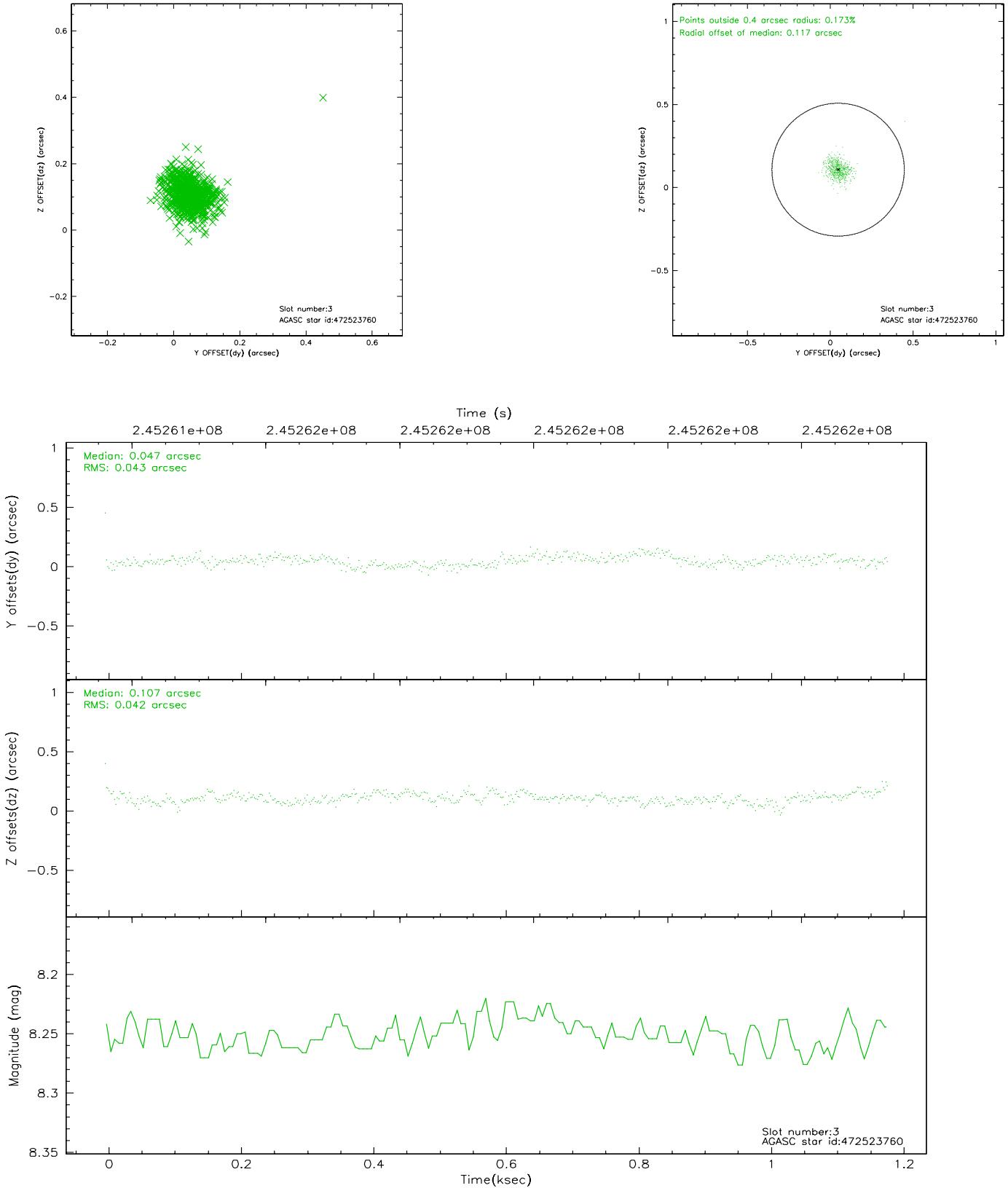


Slot Statistics

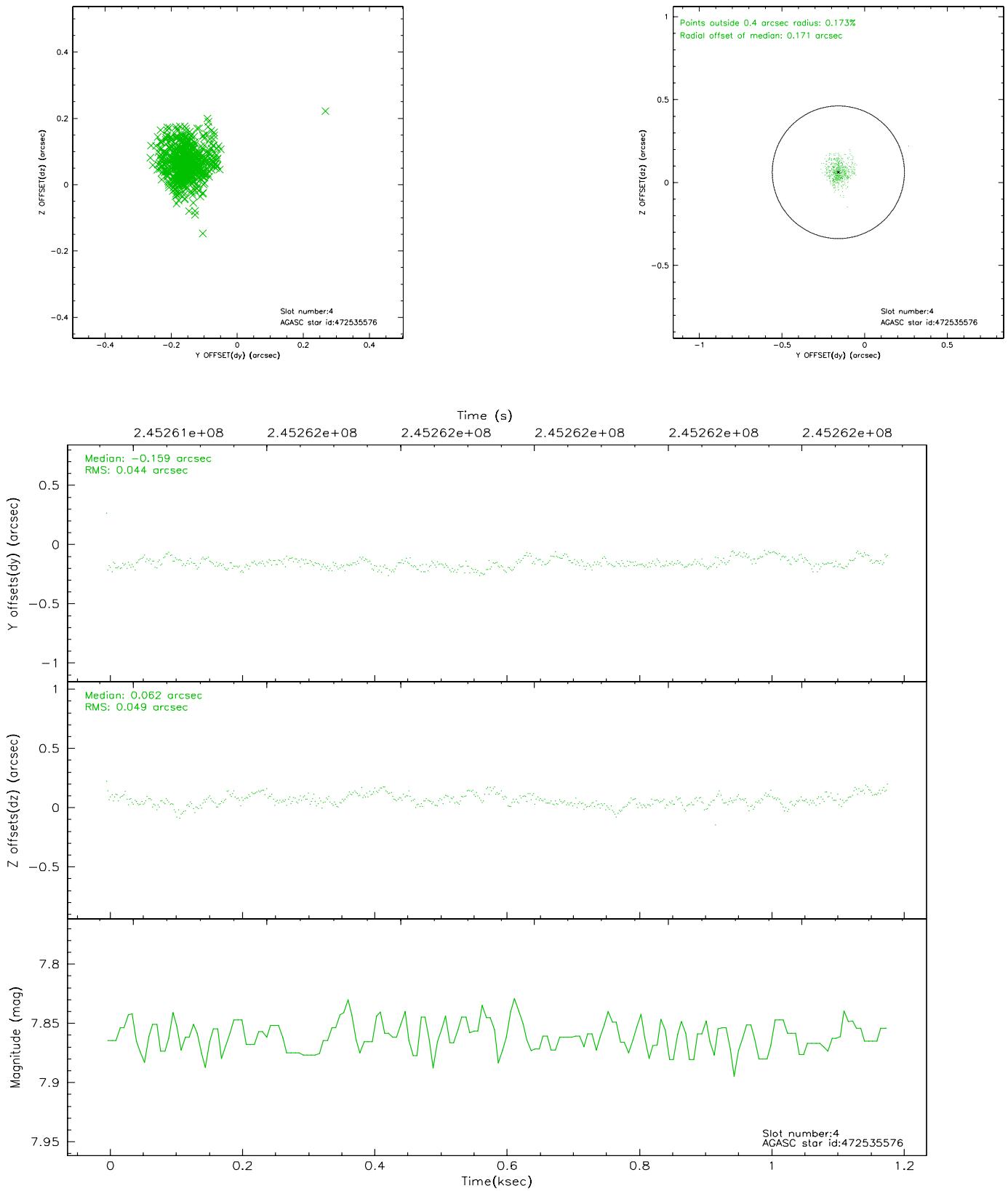
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.99	288	-0.029	0.063	0.007	0.011	0.000000	0.000000	-763.62	-1297.25
1	FID	HRC-I-2	7.02	288	0.140	-0.086	0.006	0.012	0.000000	0.000000	846.53	-1303.47
2	FID	HRC-I-3	7.08	288	0.008	-0.067	0.006	0.010	0.000000	0.000000	-1189.14	1002.66
3	GUIDE	472523760	8.25	577	0.047	0.107	0.061	0.099	331.645363	45.403260	1814.17	-150.11
4	GUIDE	472535576	7.86	577	-0.159	0.062	0.066	0.111	331.438373	46.291802	-592.74	-2317.08
5	GUIDE	472655152	9.43	575	0.058	-0.016	0.099	0.173	332.504239	45.862991	-754.36	752.00
6	GUIDE	472665256	9.02	577	0.076	-0.128	0.073	0.123	332.808125	46.195041	-2170.72	729.79
7	GUIDE	472533912	9.15	576	-0.020	-0.035	0.101	0.169	331.791136	46.368695	-1307.20	-1728.44

2.4 Star Slots

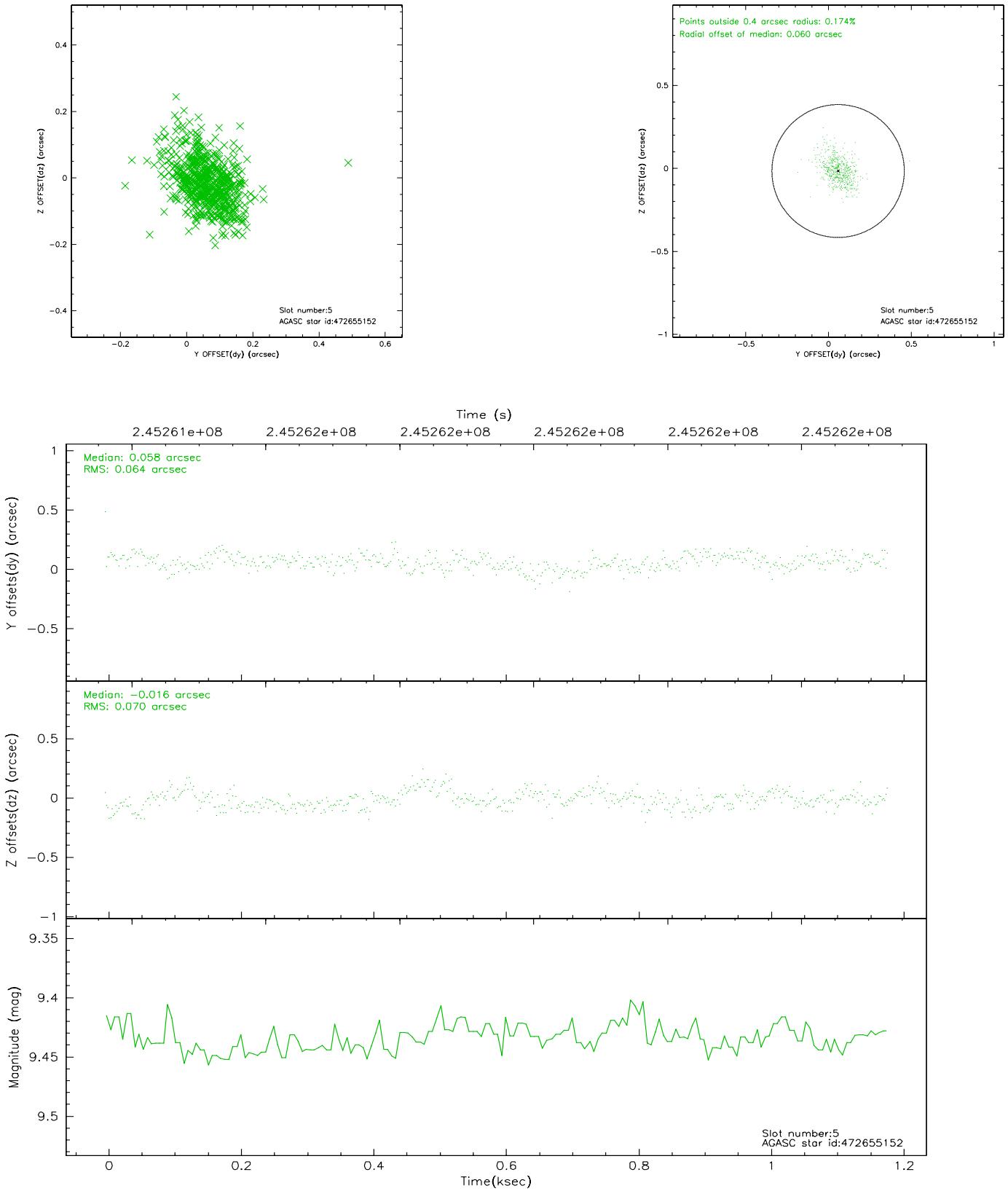
2.4.1 Slot 3



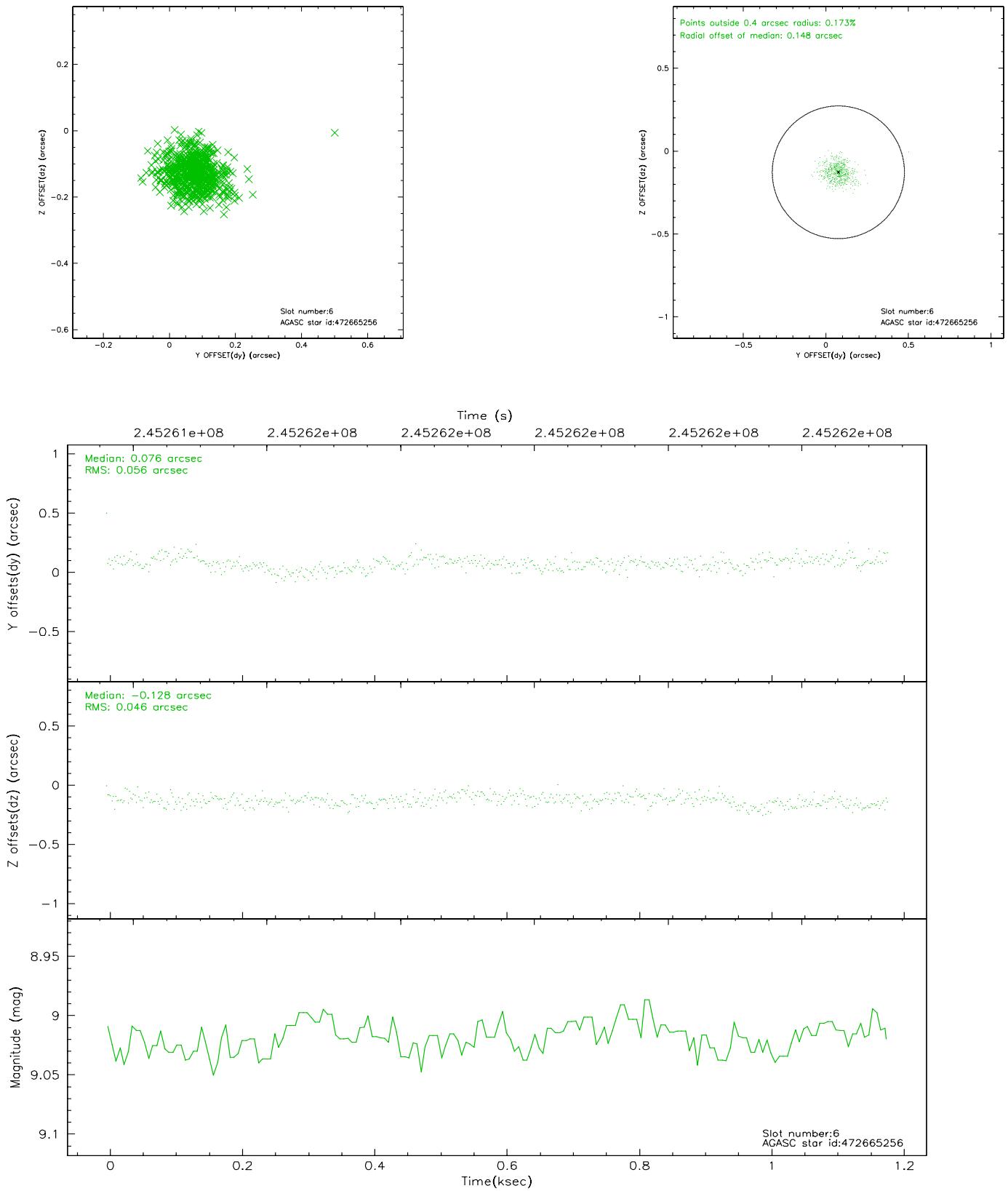
2.4.2 Slot 4



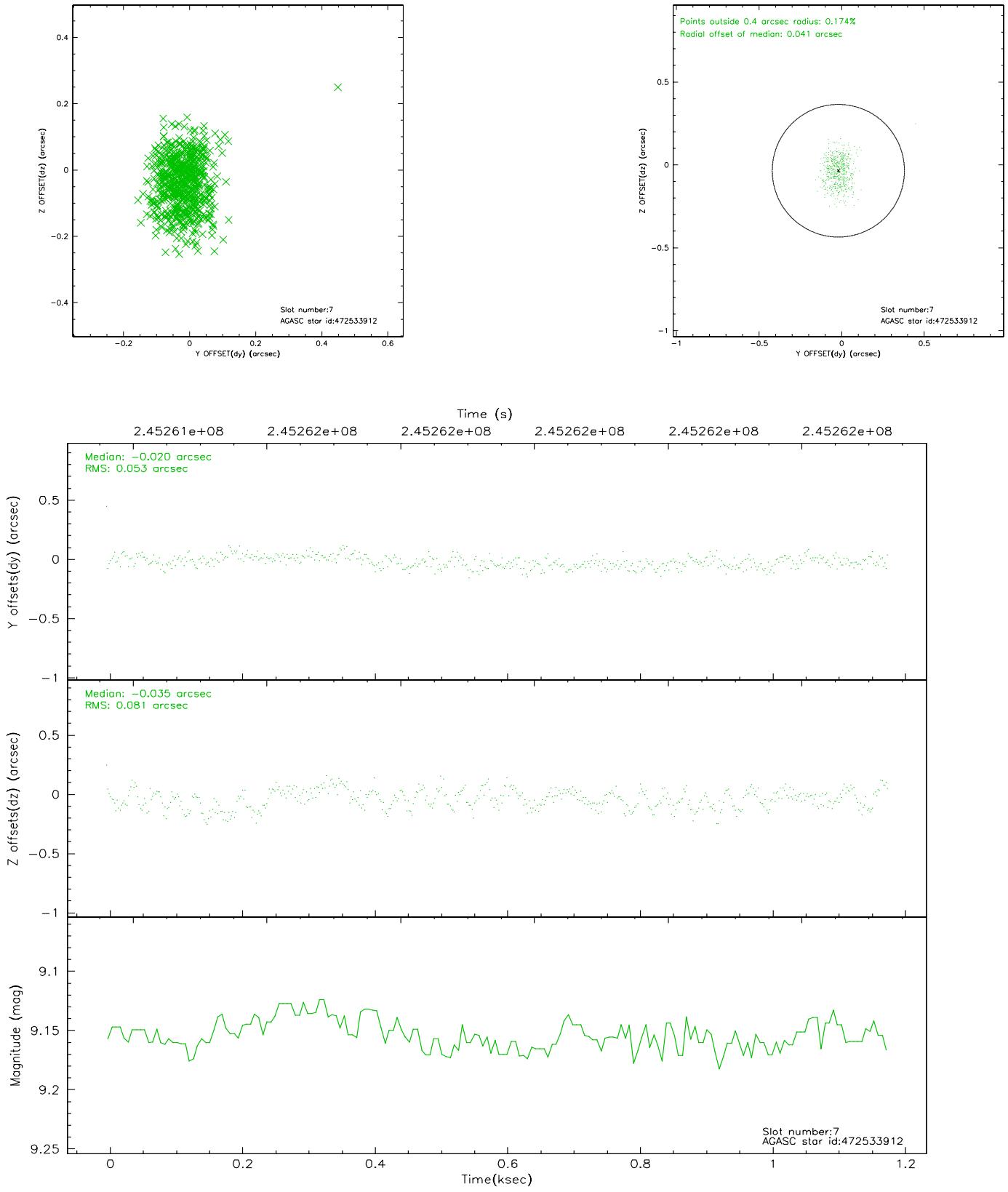
2.4.3 Slot 5



2.4.4 Slot 6

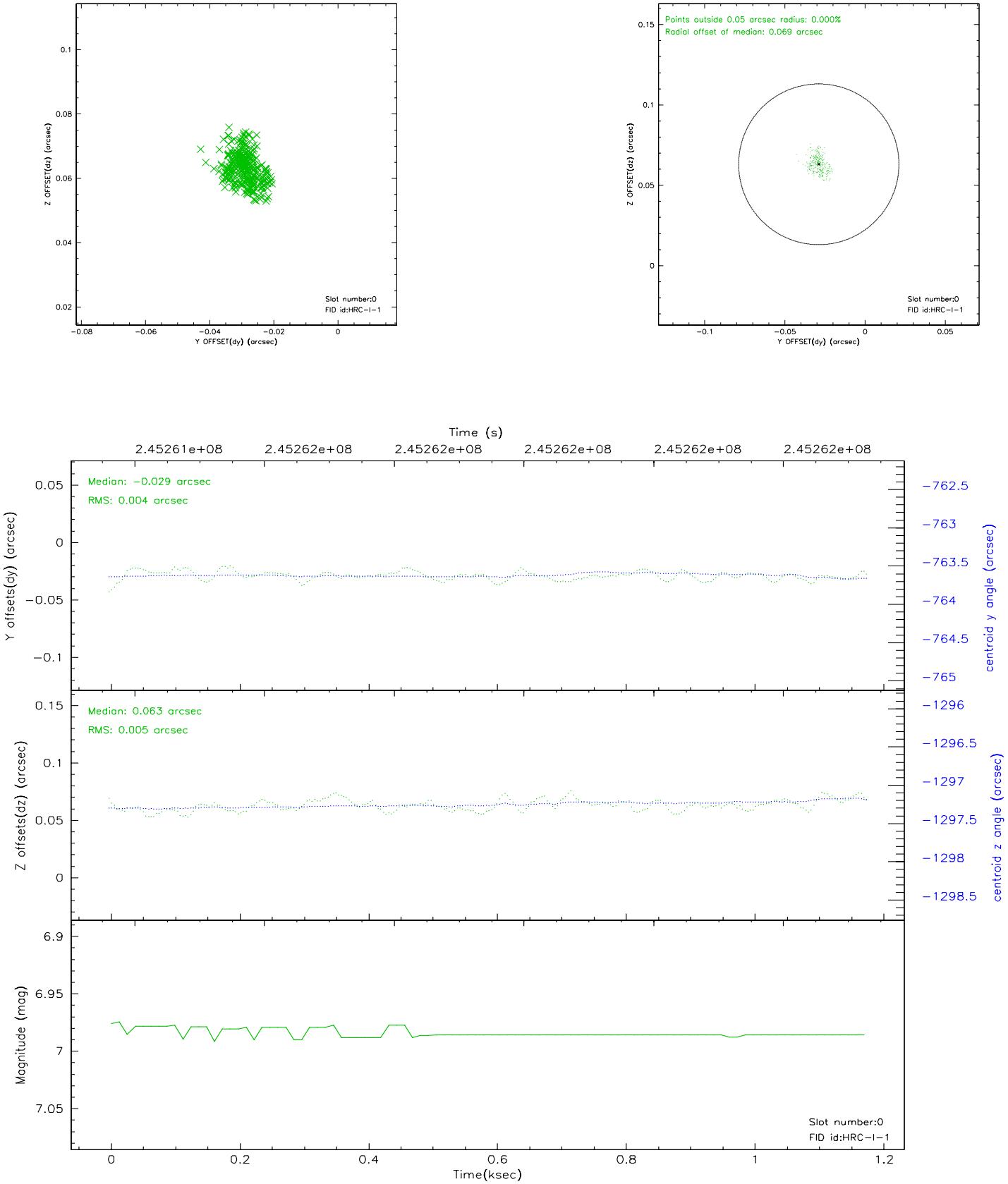


2.4.5 Slot 7

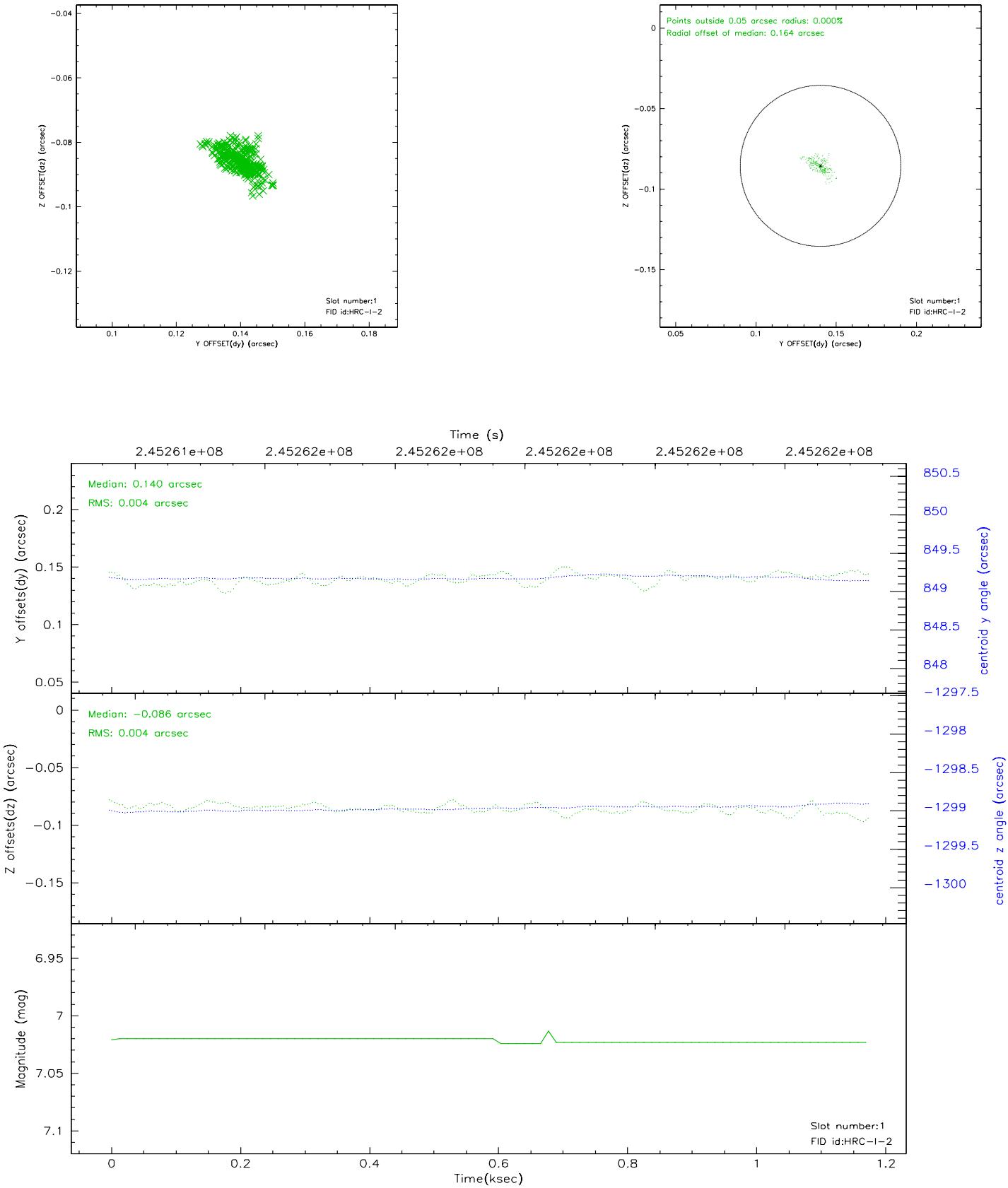


2.5 FID Slots

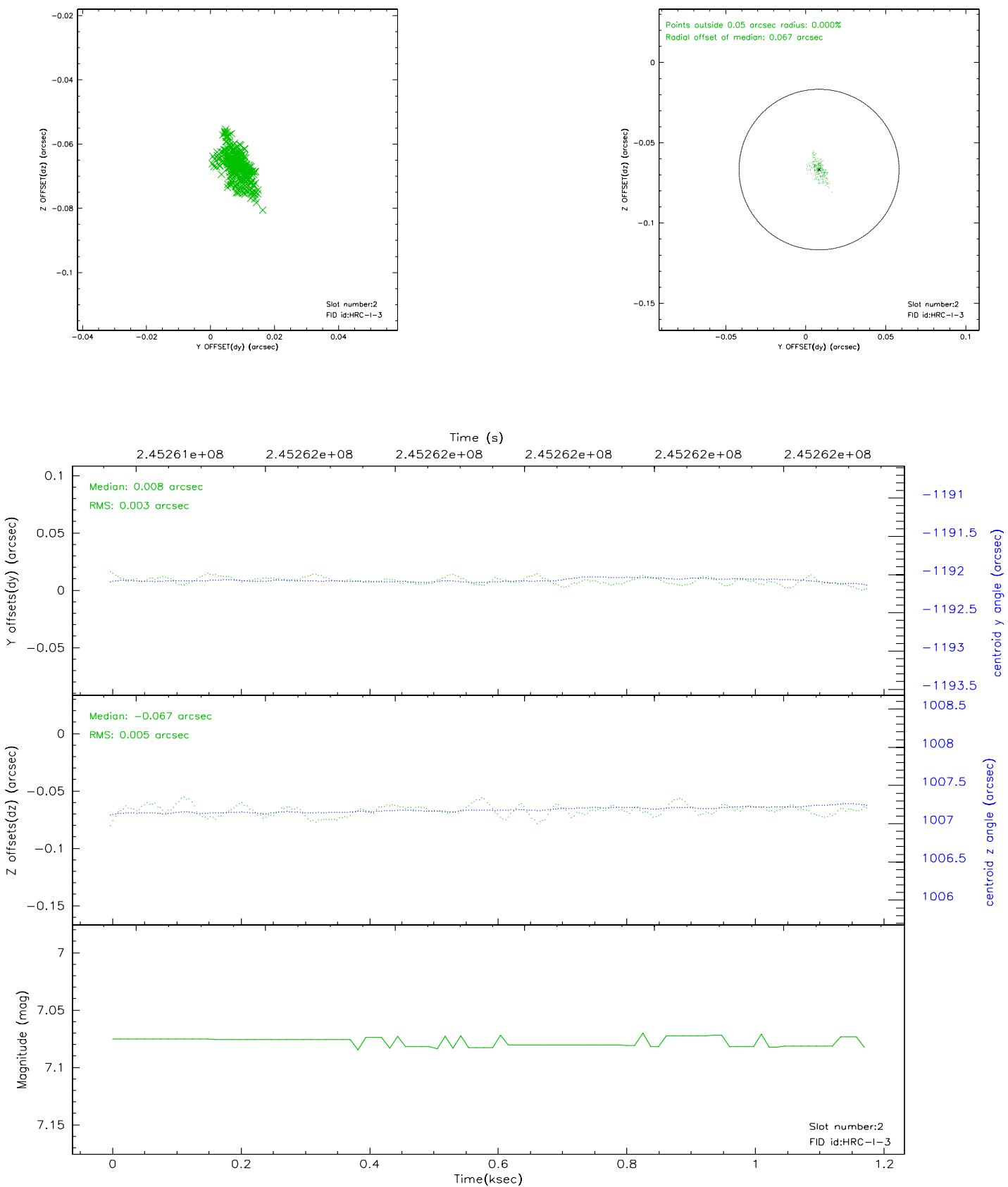
2.5.1 Slot 0



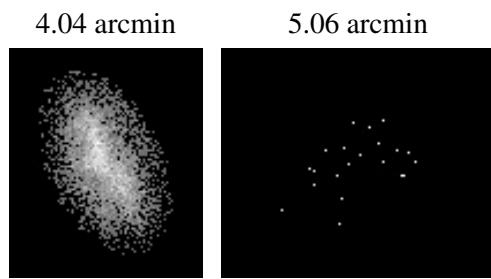
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.12.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.179775

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.