

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 6193 - L2 Version 3
Chandra X-Ray Center

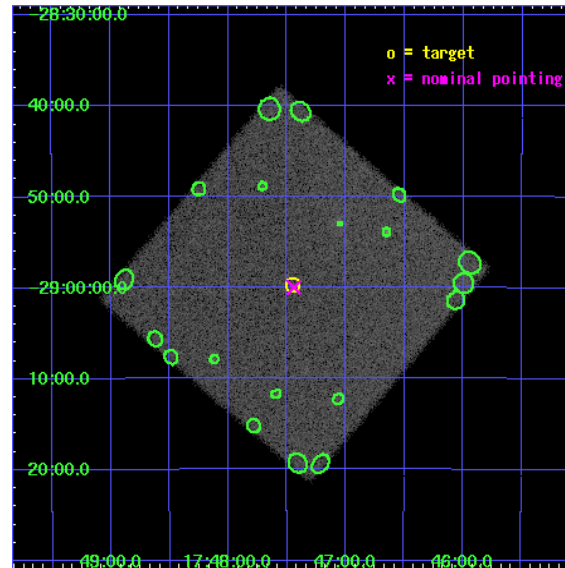
L2 Processing Date : Nov 24 2007

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1 Front

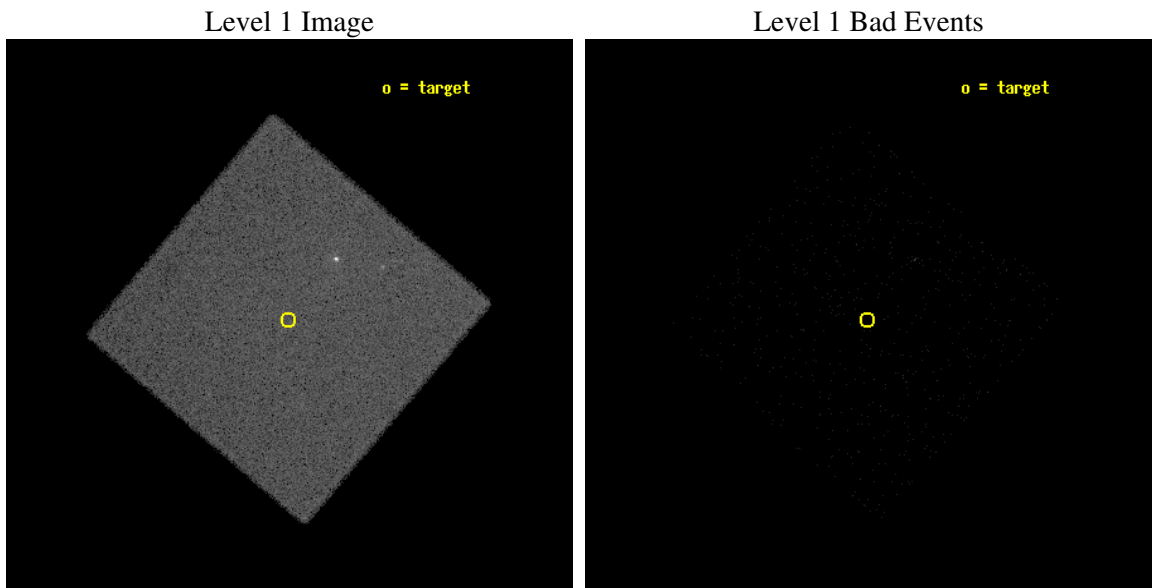
seq_num	400453
obs_id	6193
title	Monitoring observations of the Galactic Center region
observer	Dr. Rudy Wijnands
object	GC-3
ra_targ	266.8625
dec_targ	-28.996111
ra_nom	266.86021307615
dec_nom	-28.999763114028
roll_nom	265.4636084409
revision	3
ontime	4379.8252017796
livetime	4347.1674170701
l2events	178843



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	2007-11-24T19:17:30
revision	3

sched_exp_time	4200.000000
ontime	4379.8252017796
l1events	285105

2.1.3 Events

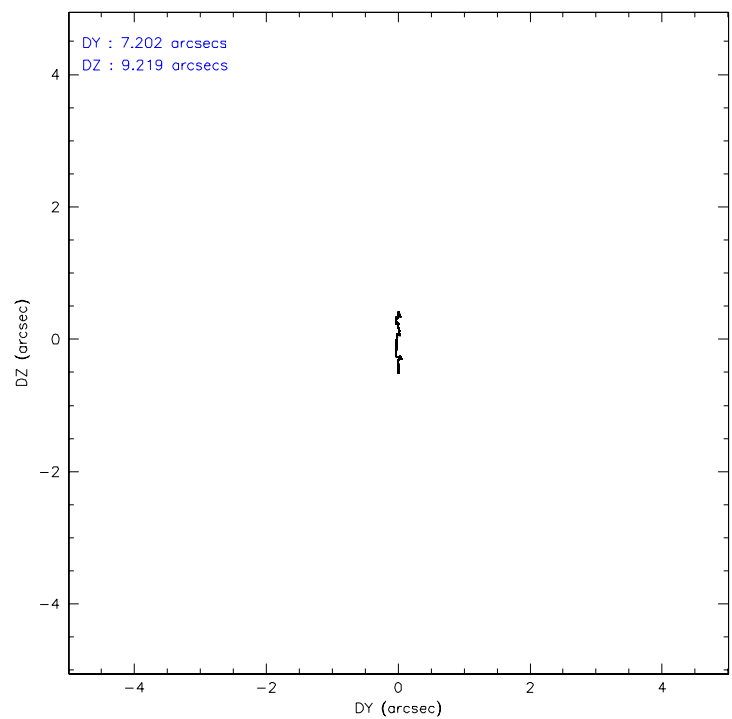
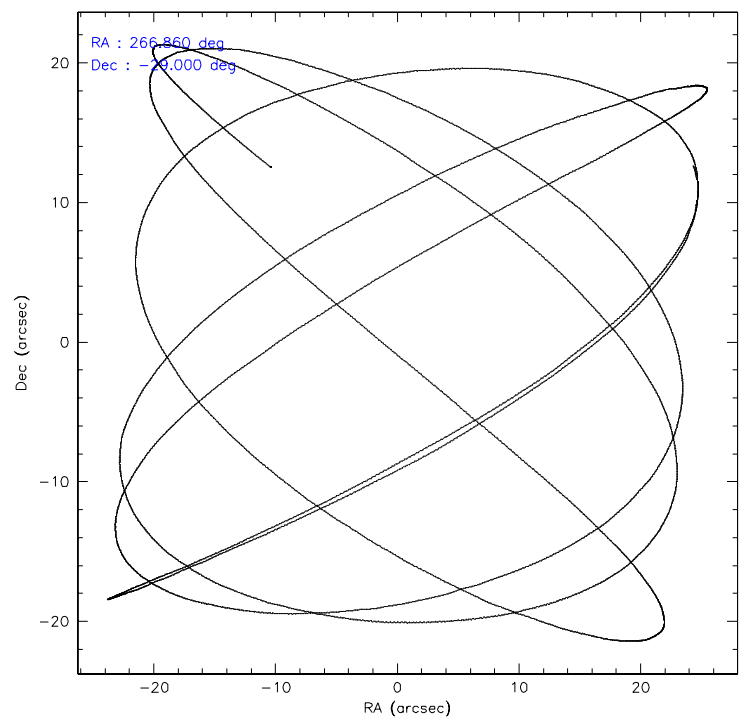
Level 1 Events

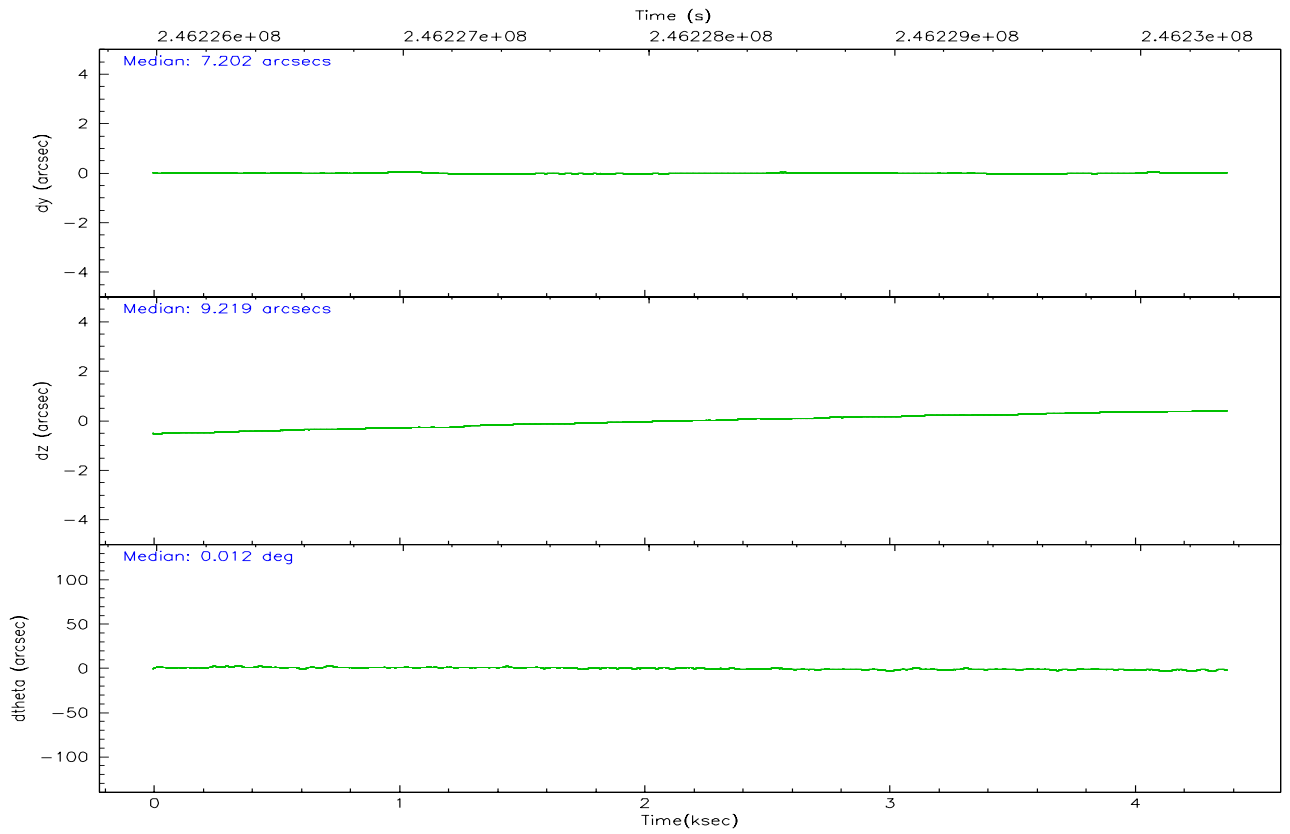
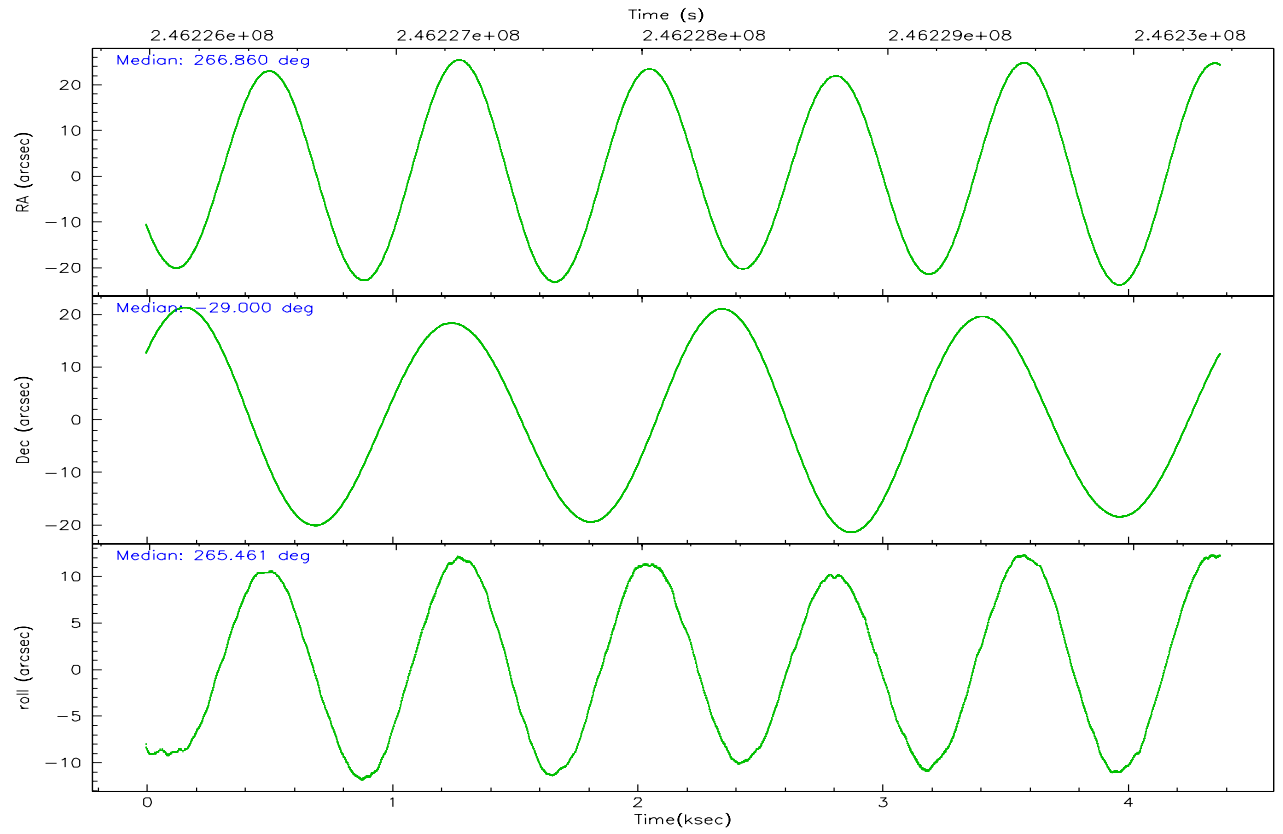
	segment 0
level 1 events	285105
rejected events	20109
rejected %	7%

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	266.846351	266.8602130761513			
Pointing Dec	-28.975627	-28.99976311402839			
Pointing Roll	265.552392	265.4636084409023			
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	246226158.184000	246225782.35289			
Observation start date	2005-10-20T20:08:14	2005-10-20T20:03:02			
Observation end time	246230358.184000	246230492.22811			
Observation end date	2005-10-20T21:18:14	2005-10-20T21:21:32			

2.3 Aspect



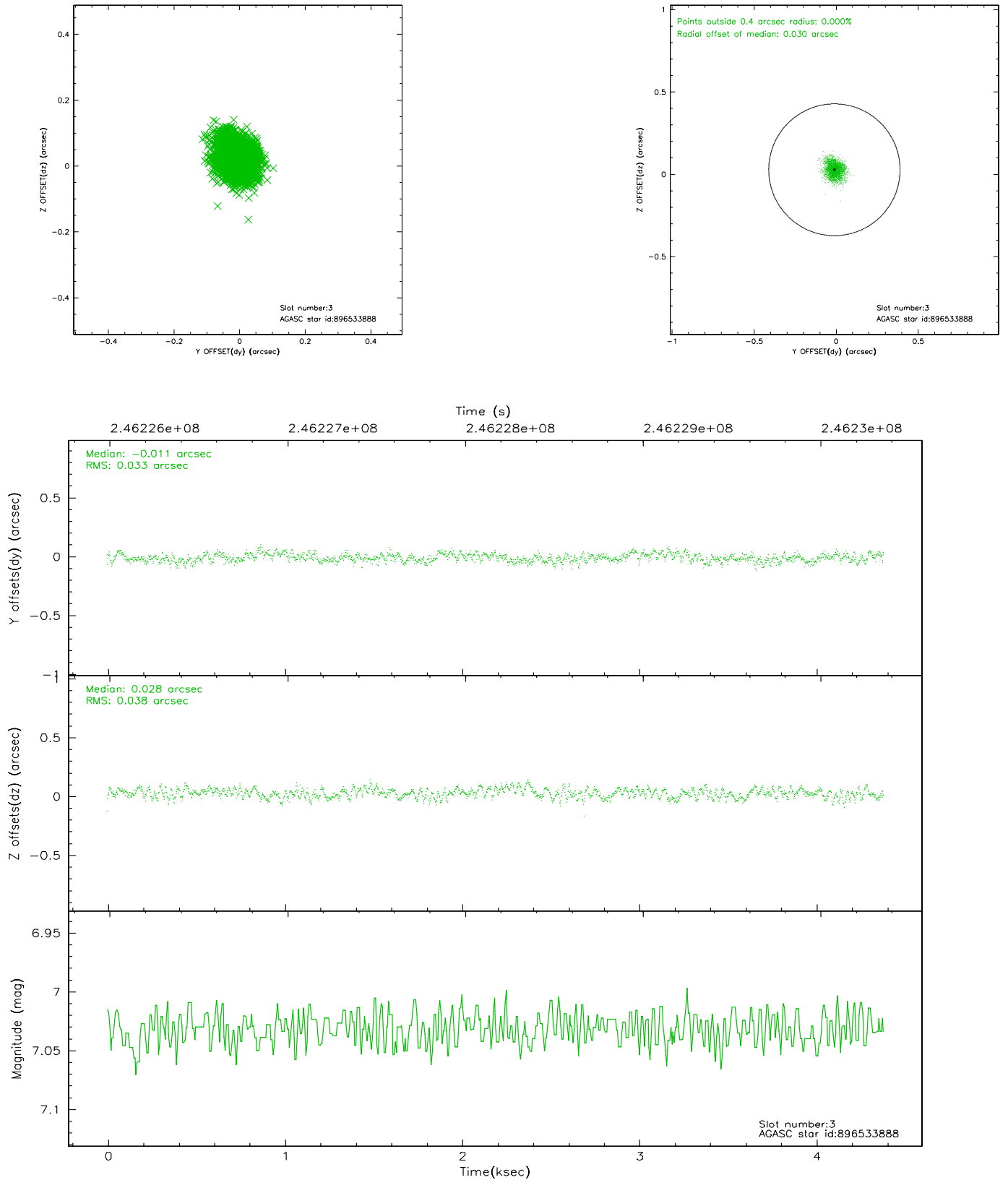


Slot Statistics

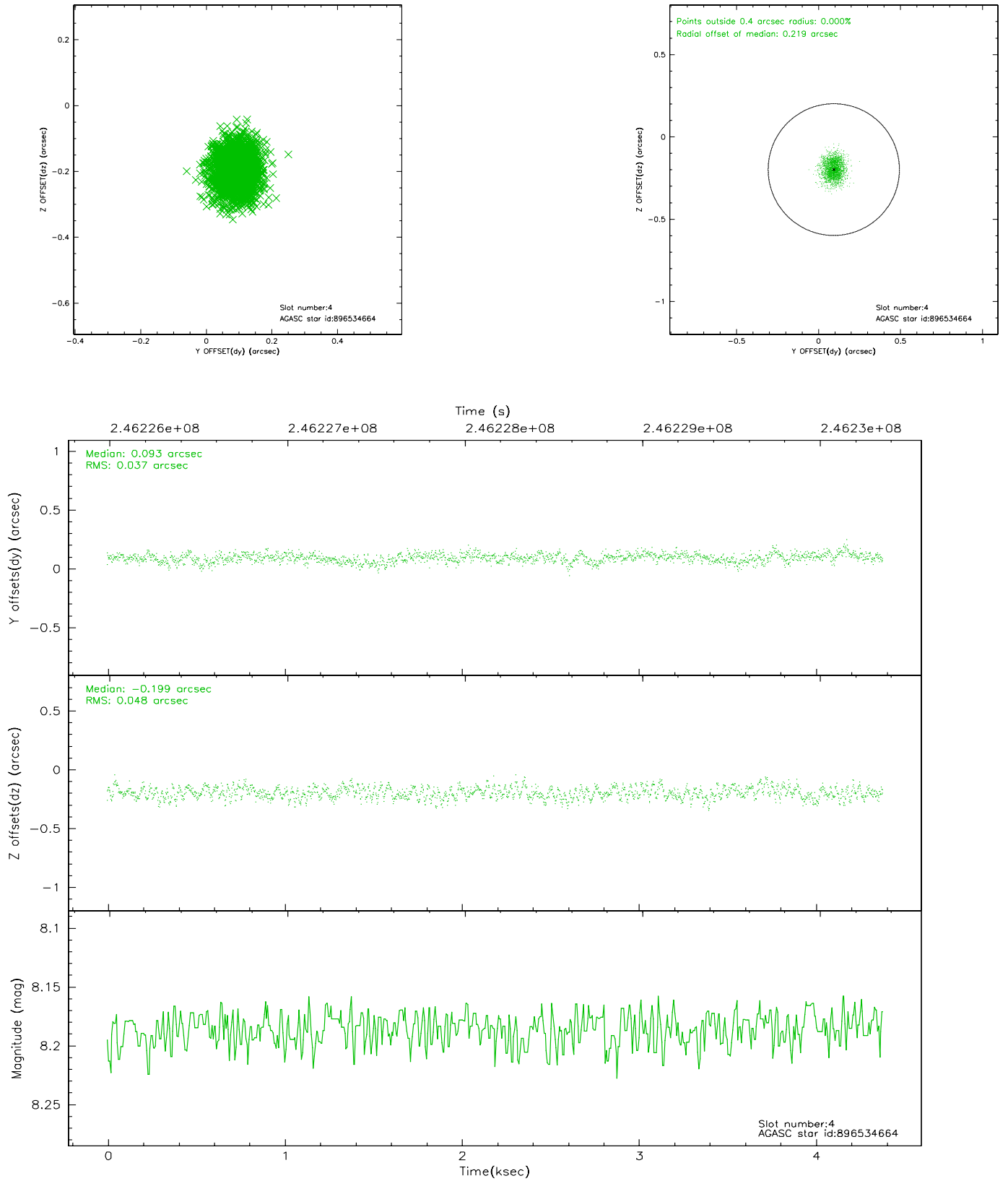
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.01	1069	-0.039	-0.032	0.013	0.020	0.000000	0.000000	-762.92	-1297.09
1	FID	HRC-I-2	7.04	1069	0.112	-0.074	0.014	0.021	0.000000	0.000000	849.15	-1300.02
2	FID	HRC-I-4	7.05	1069	0.045	0.013	0.010	0.016	0.000000	0.000000	1280.91	1003.77
3	GUIDE	896533888	7.03	2138	-0.011	0.028	0.054	0.084	266.666434	-29.392757	1541.81	-445.67
4	GUIDE	896534664	8.19	2137	0.093	-0.199	0.065	0.106	266.405570	-28.407461	-1927.12	-1550.11
5	GUIDE	896538696	6.72	2138	-0.345	-0.091	0.051	0.080	266.298470	-28.325572	-2195.30	-1912.77
6	GUIDE	896540528	8.25	2136	0.099	0.083	0.066	0.111	267.368305	-29.314773	1093.33	1728.35
7	GUIDE	896536400	8.55	2136	0.168	0.174	0.073	0.125	267.359146	-29.438655	1541.79	1733.90

2.4 Star Slots

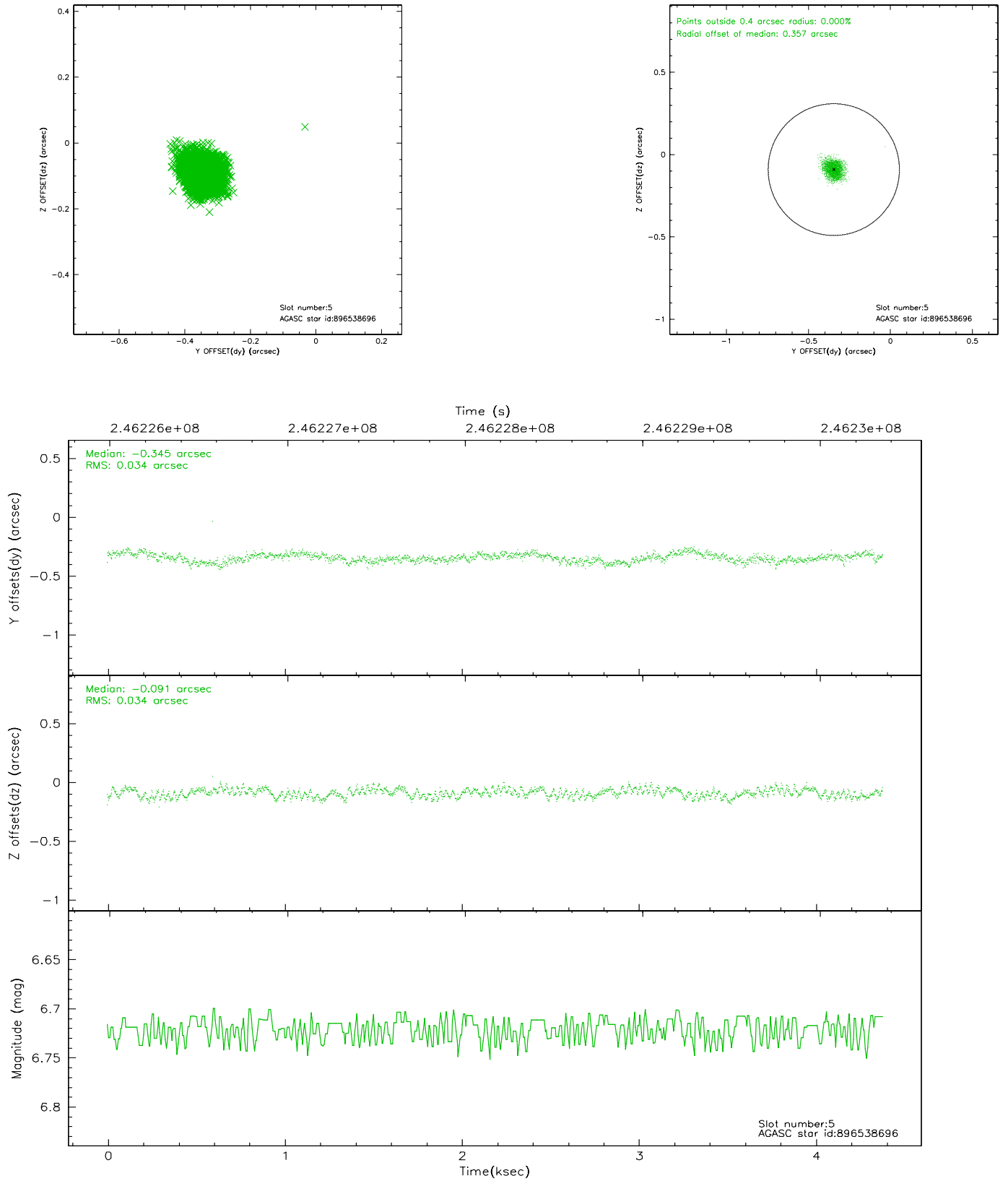
2.4.1 Slot 3



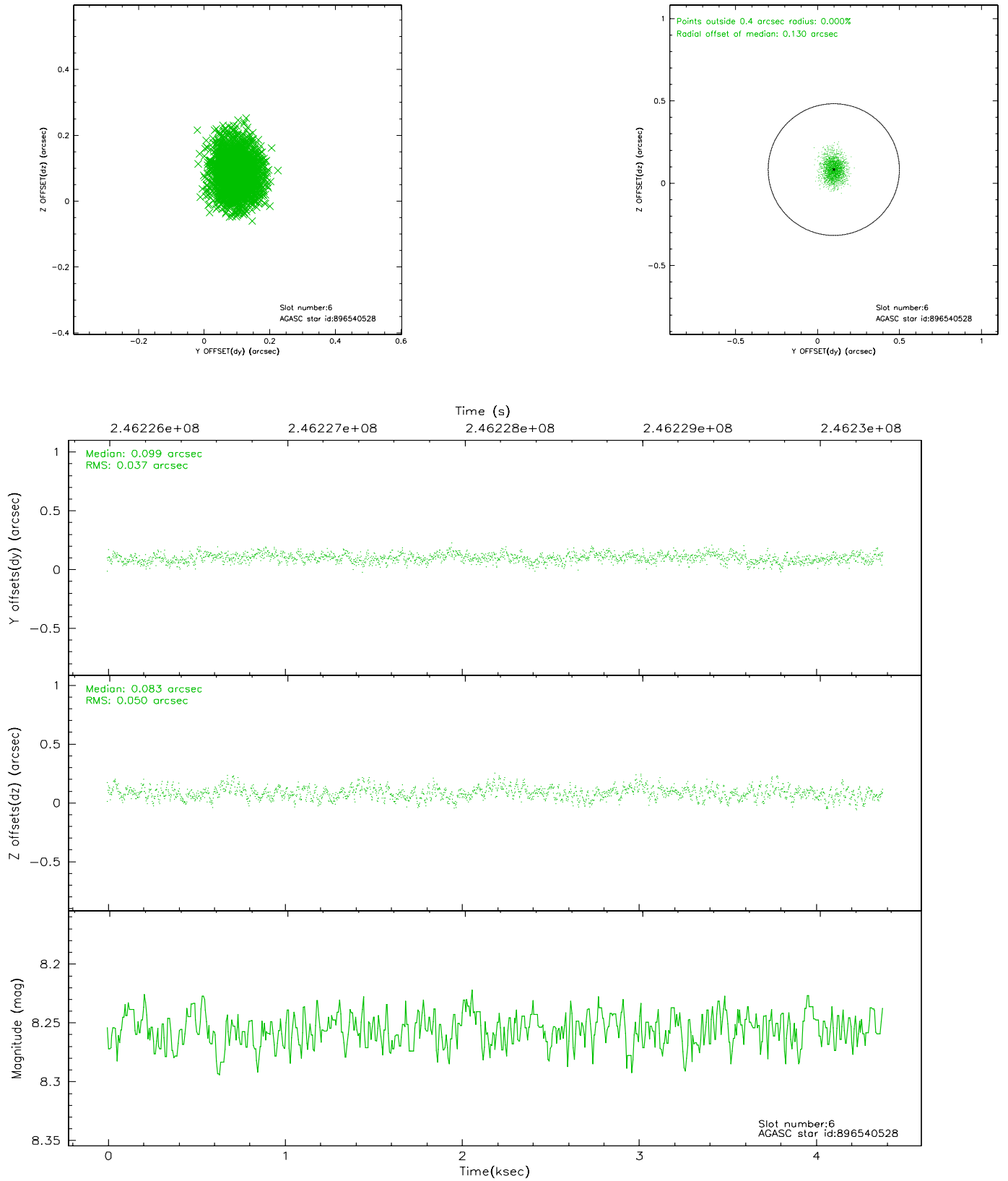
2.4.2 Slot 4



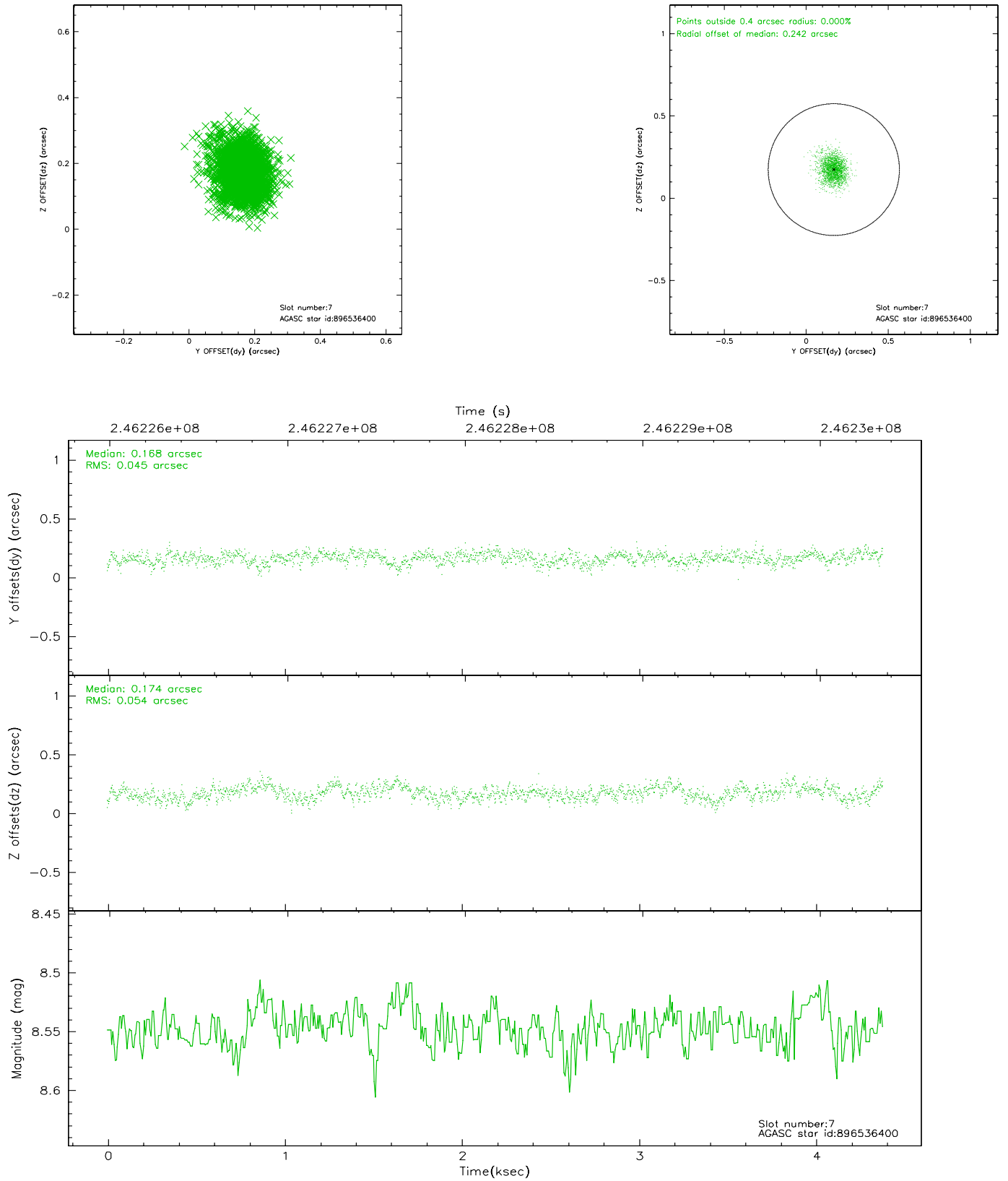
2.4.3 Slot 5



2.4.4 Slot 6

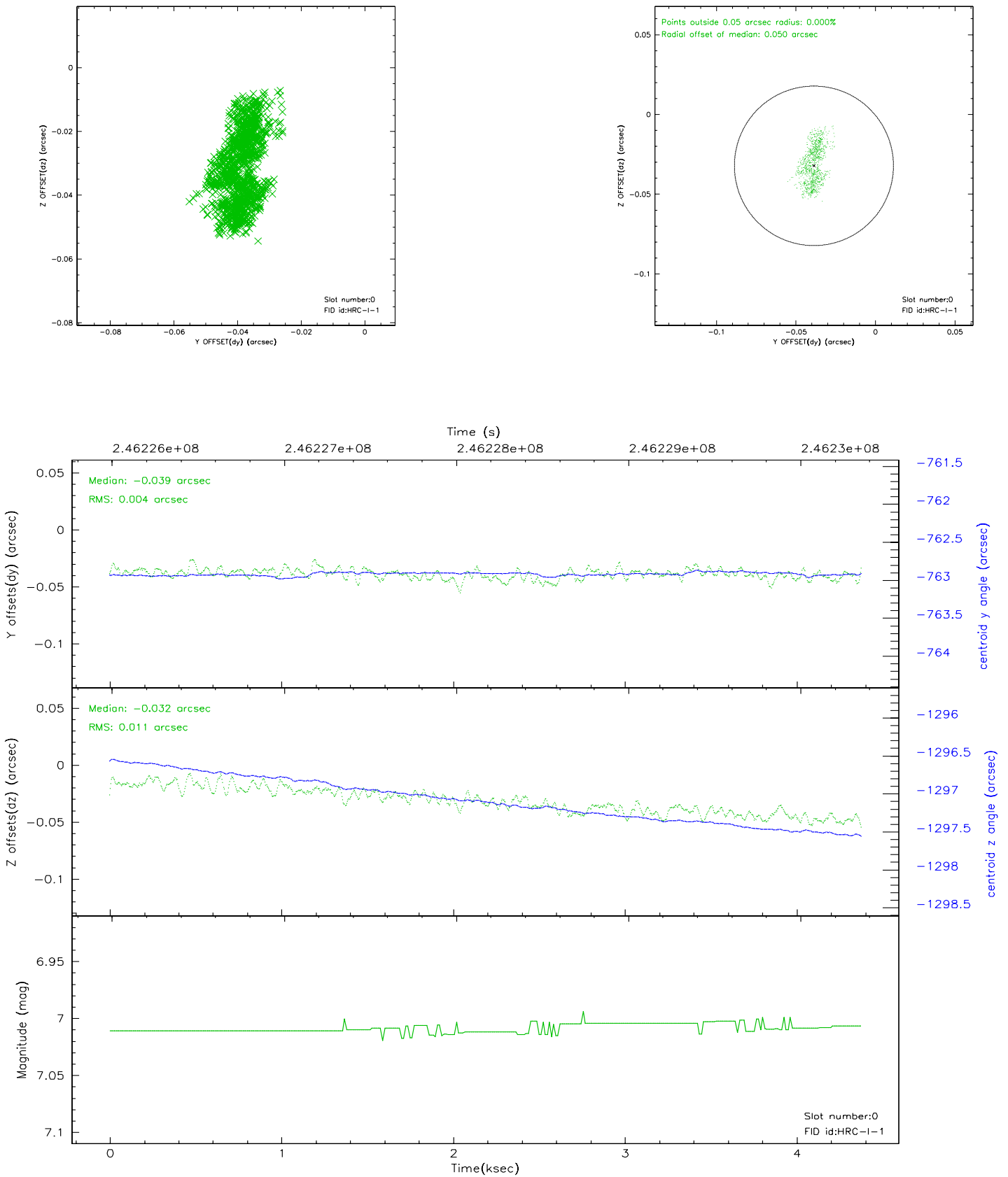


2.4.5 Slot 7

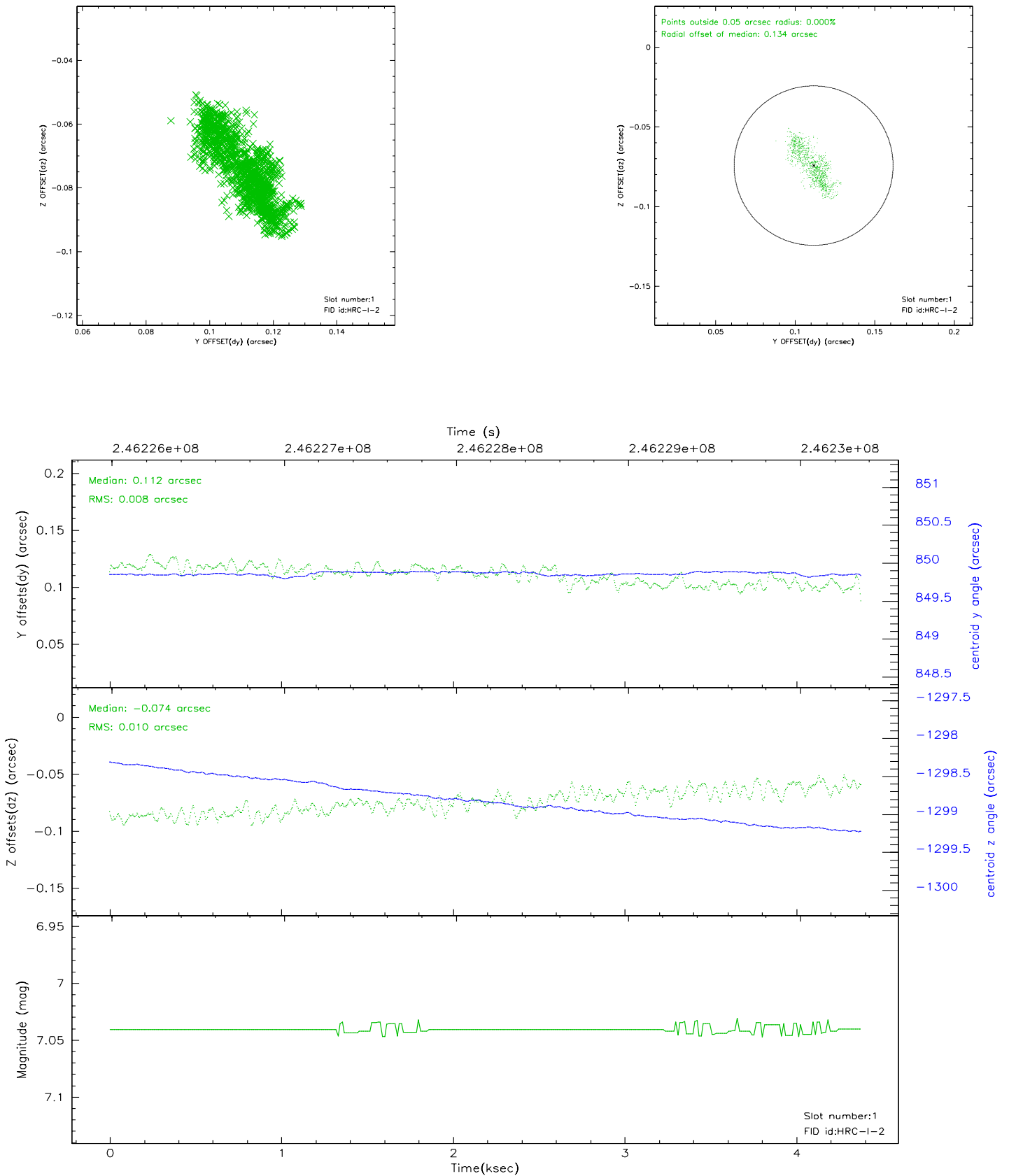


2.5 FID Slots

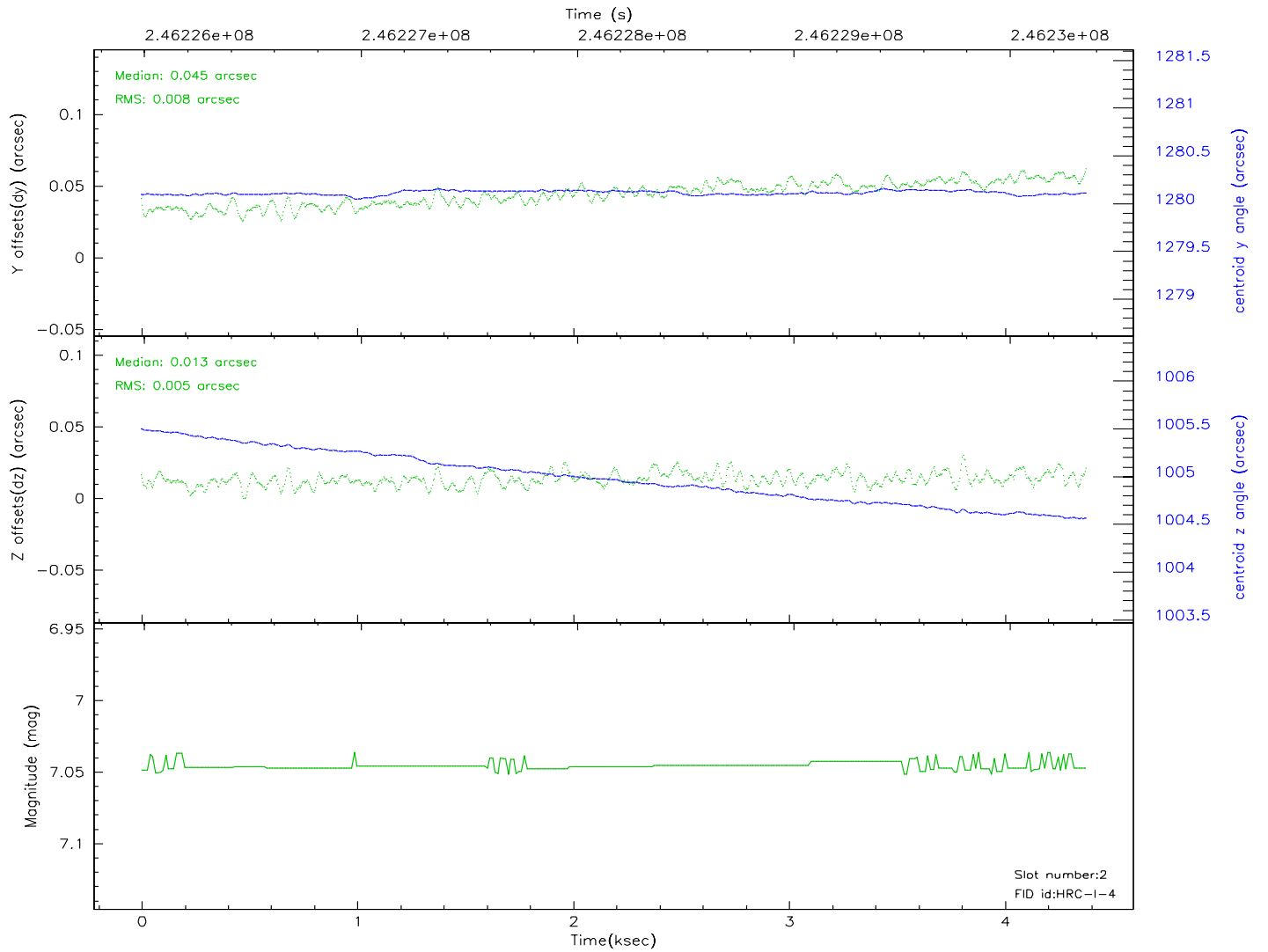
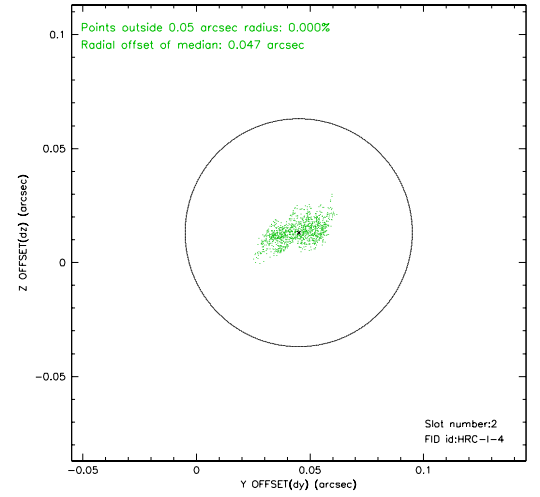
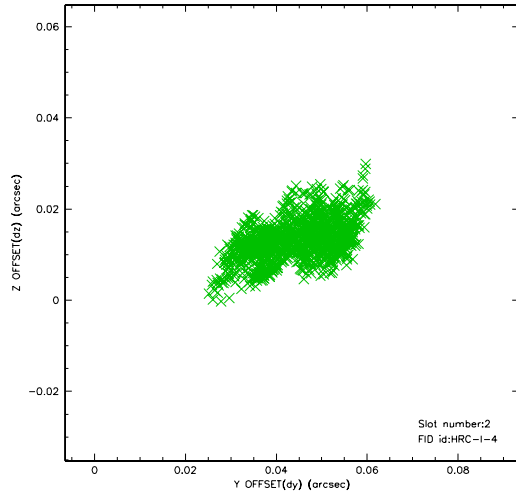
2.5.1 Slot 0



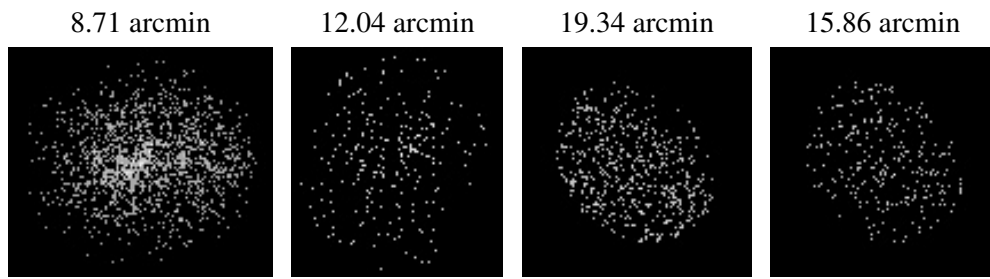
2.5.2 Slot 1



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	4.379825

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.