

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 986 - L2 Version 4
Chandra X-Ray Center

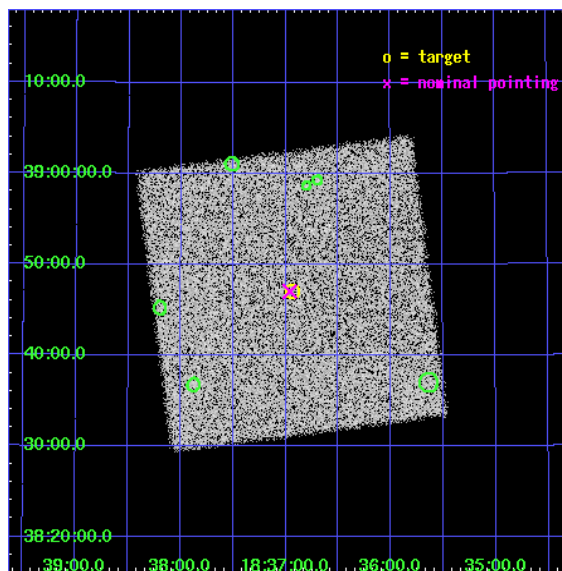
L2 Processing Date : Nov 21 2007

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1 Front

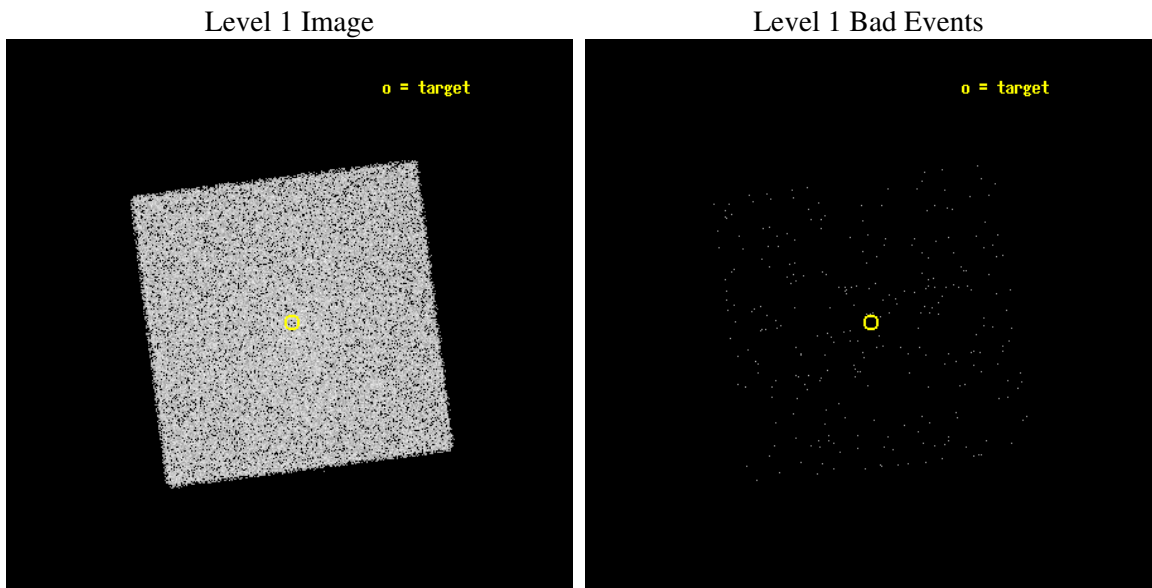
seq_num	290067
obs_id	986
title	CALIBRATION OBSERVATIONS OF VEGA TO MONITOR THE TRANSMISSION OF THE OPTICAL/UV FILTERS ON ACIS AND HRC
observer	Dr. CXC Calibration
object	VEGA, HRC-I, AO2
ra_targ	279.234792
dec_targ	38.783778
ra_nom	279.23986507096
dec_nom	38.784123546406
roll_nom	37.667916105527
revision	4
ontime	2701.1313540041
livetime	2687.5142225668
l2events	78050



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	2007-11-21T08:33:38
revision	4

sched_exp_time	2500.000000
ontime	2701.1313540041
l1events	158421

2.1.3 Events

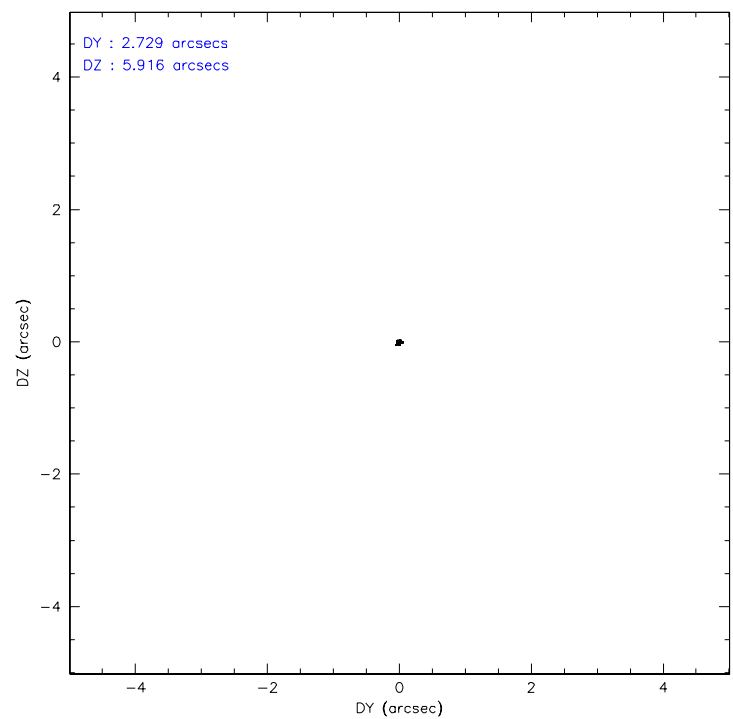
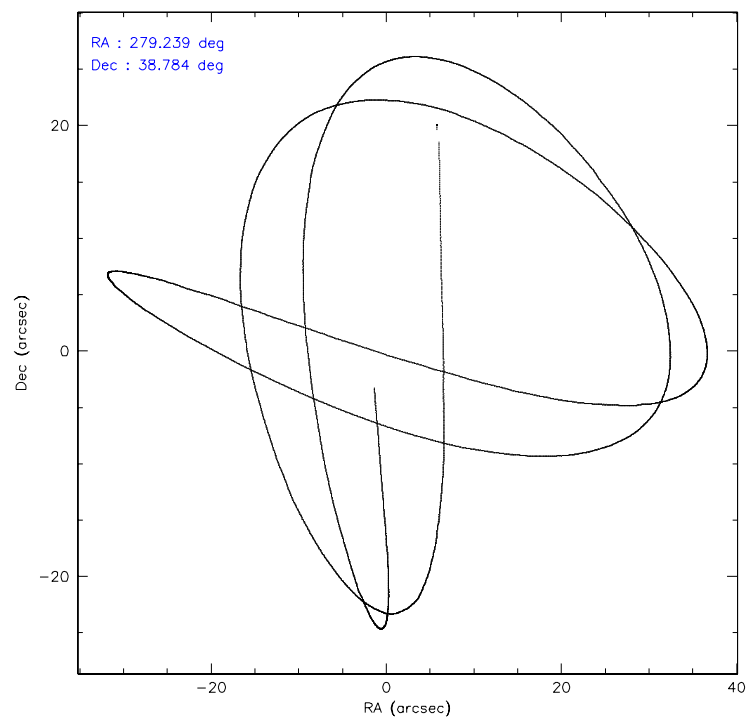
Level 1 Events

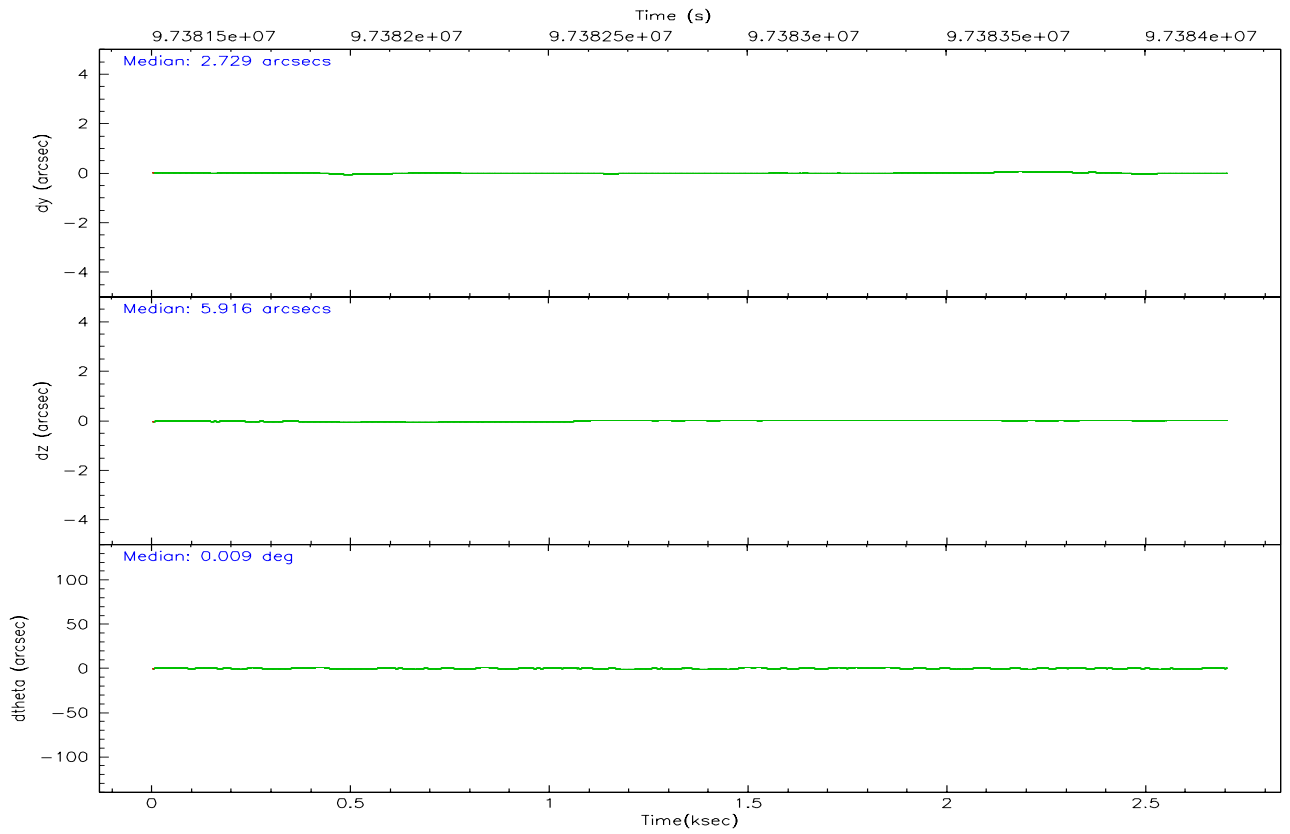
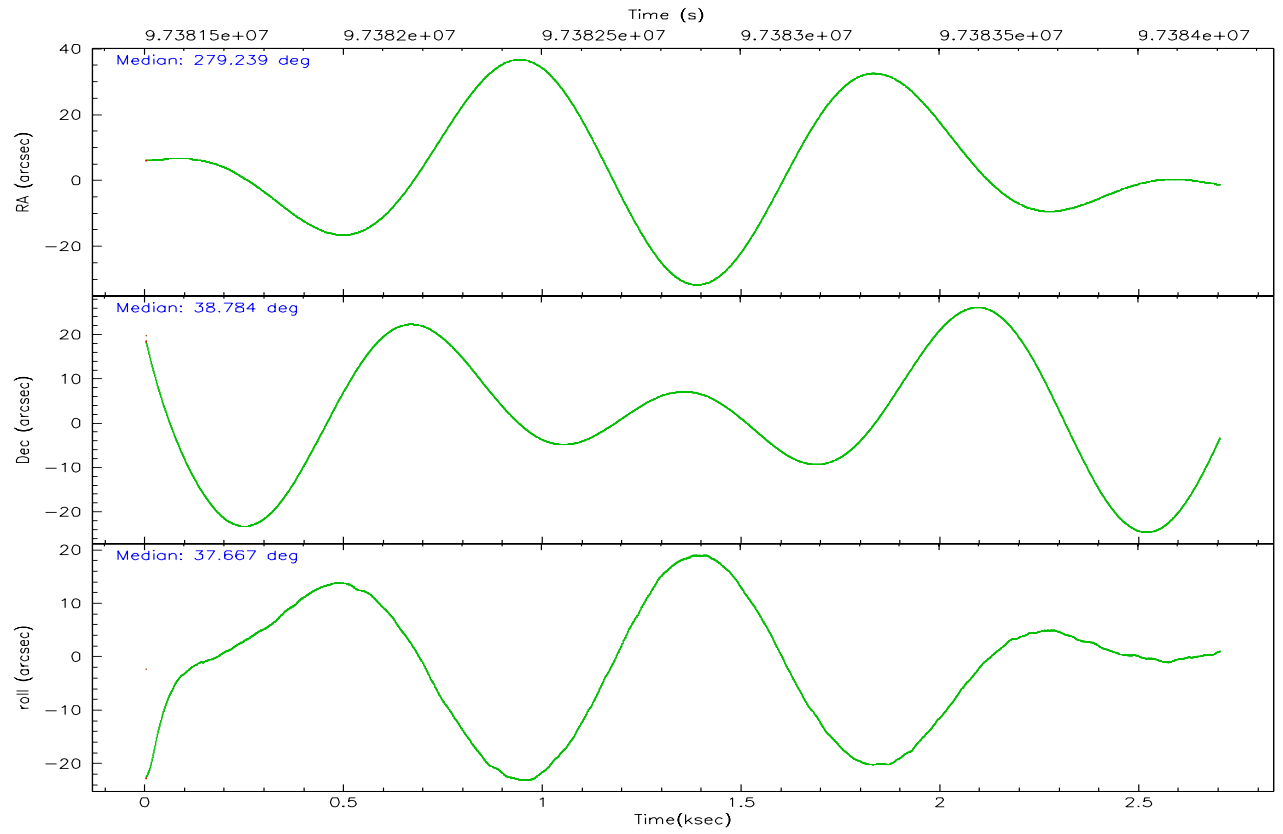
	segment 0
level 1 events	158421
rejected events	43555
rejected %	27%

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	279.227496	279.2398650709551			
Pointing Dec	38.759550	38.78412354640648			
Pointing Roll	37.771251	37.66791610552696			
Window start time	97372864.184000	97372864.184000			
Window stop time	99705664.184000	99705664.184000			
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	97381709.184000	97380653.691954			
Observation start date	2001-02-01T02:27:25	2001-02-01T02:10:53			
Observation end time	97384209.184000	97384347.279596			
Observation end date	2001-02-01T03:09:05	2001-02-01T03:12:27			

2.3 Aspect



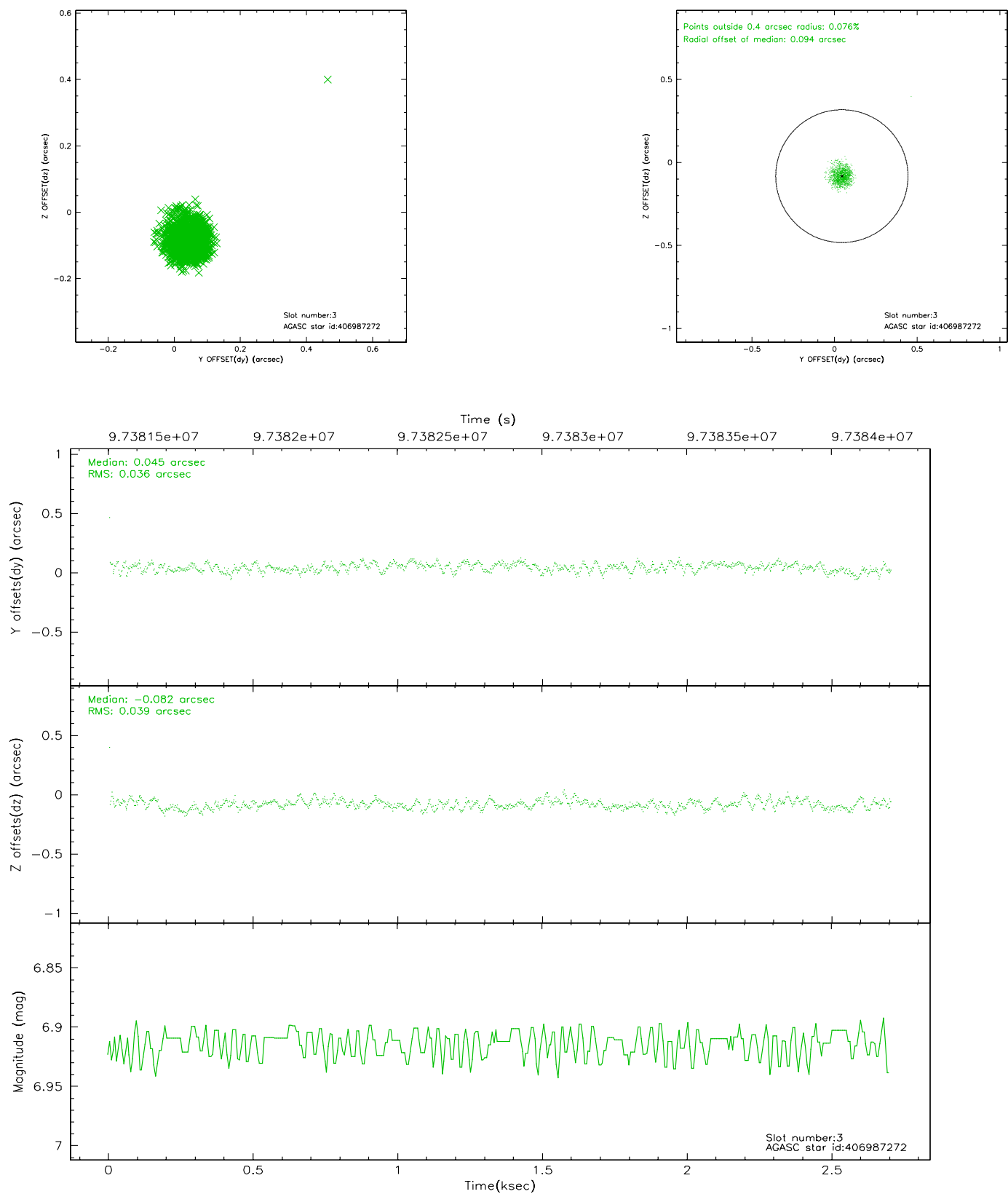


Slot Statistics

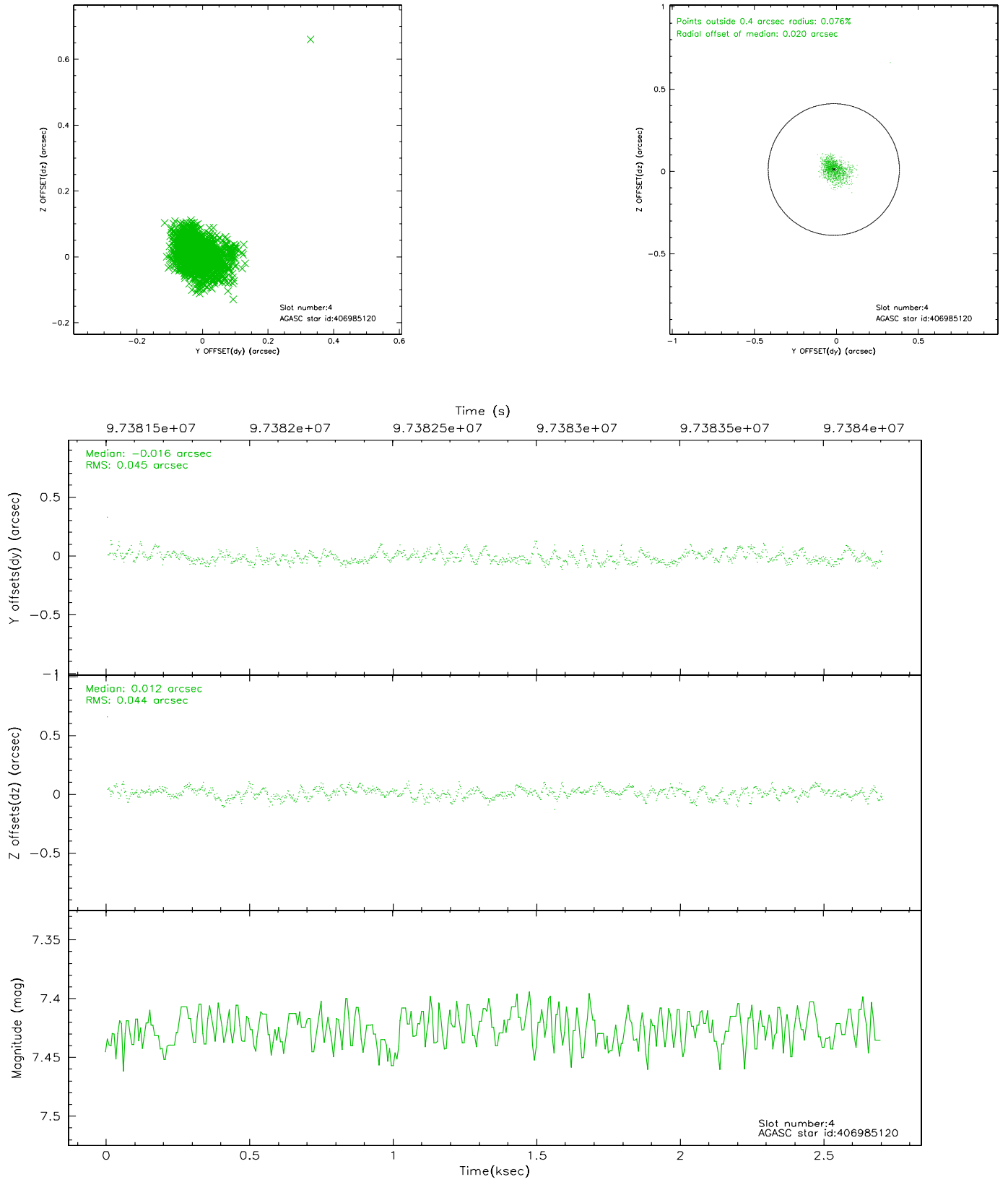
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.95	660	0.036	0.026	0.006	0.011	0.000000	0.000000	-758.16	-1293.74
1	FID	HRC-I-3	7.04	660	0.031	-0.076	0.007	0.012	0.000000	0.000000	-1187.80	1008.76
2	FID	HRC-I-4	6.99	660	0.047	-0.039	0.005	0.010	0.000000	0.000000	1282.85	1009.89
3	GUIDE	406987272	6.91	1319	0.045	-0.082	0.054	0.084	278.536588	38.437504	-2243.25	283.92
4	GUIDE	406985120	7.42	1319	-0.016	0.012	0.064	0.106	278.839732	38.894839	-558.49	1053.81
5	GUIDE	406993992	7.62	1319	-0.034	0.094	0.062	0.100	279.053714	38.034587	-1985.88	-1758.76
6	GUIDE	406989616	8.23	1319	0.059	0.004	0.060	0.099	279.202881	38.520843	-580.24	-636.84
7	GUIDE	407521232	8.66	1318	-0.052	-0.015	0.071	0.115	279.628883	39.431715	2367.73	1232.03

2.4 Star Slots

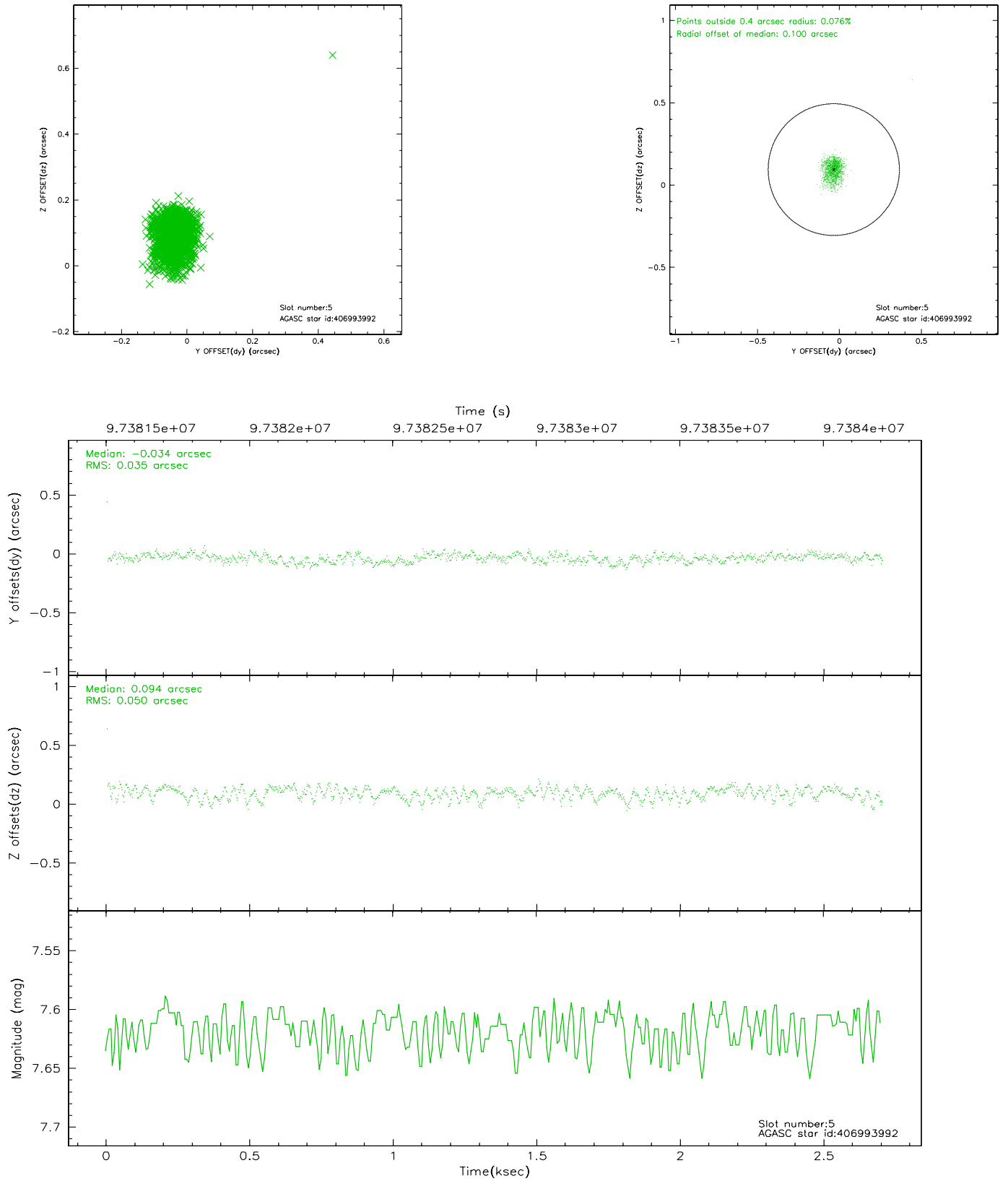
2.4.1 Slot 3



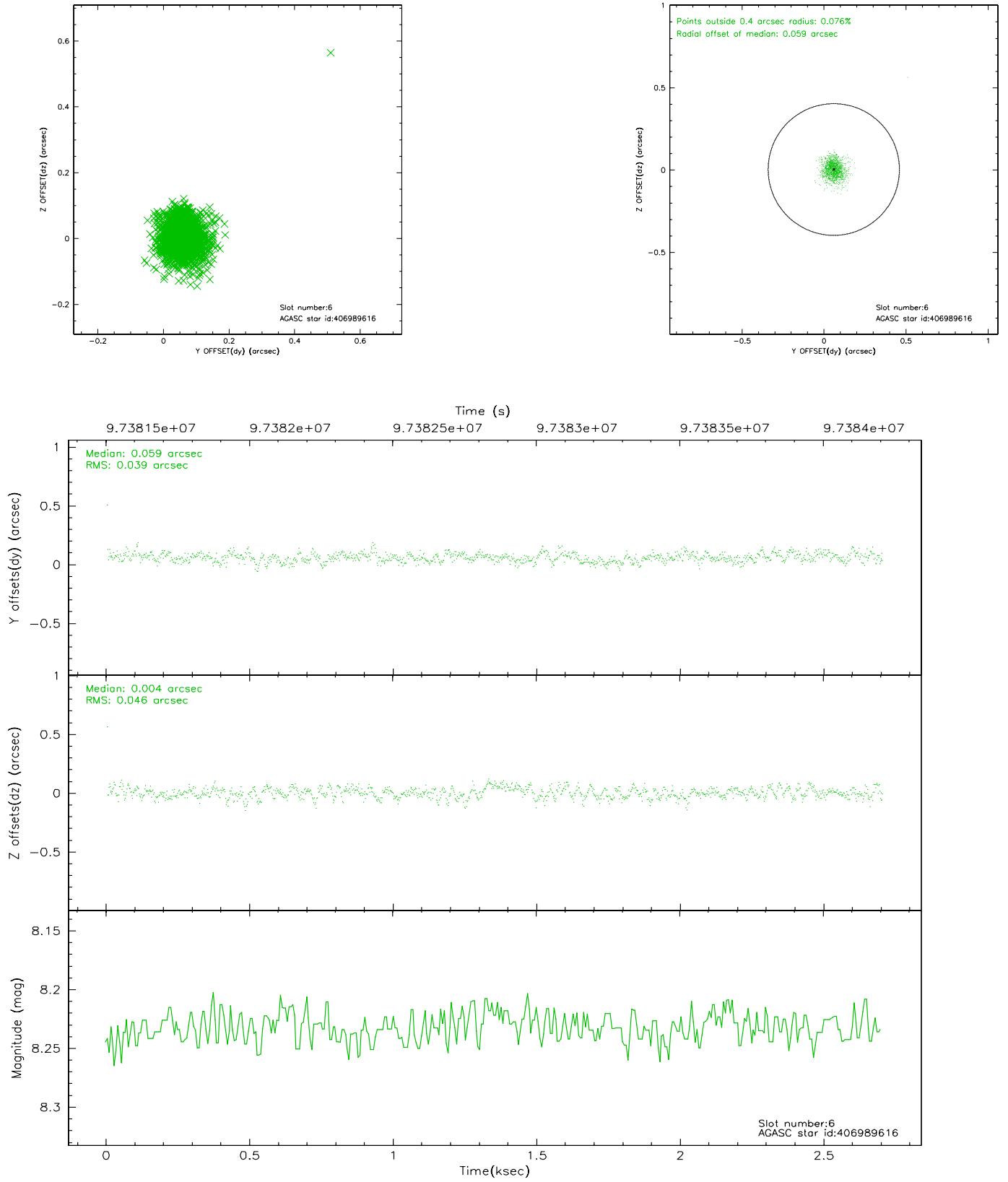
2.4.2 Slot 4



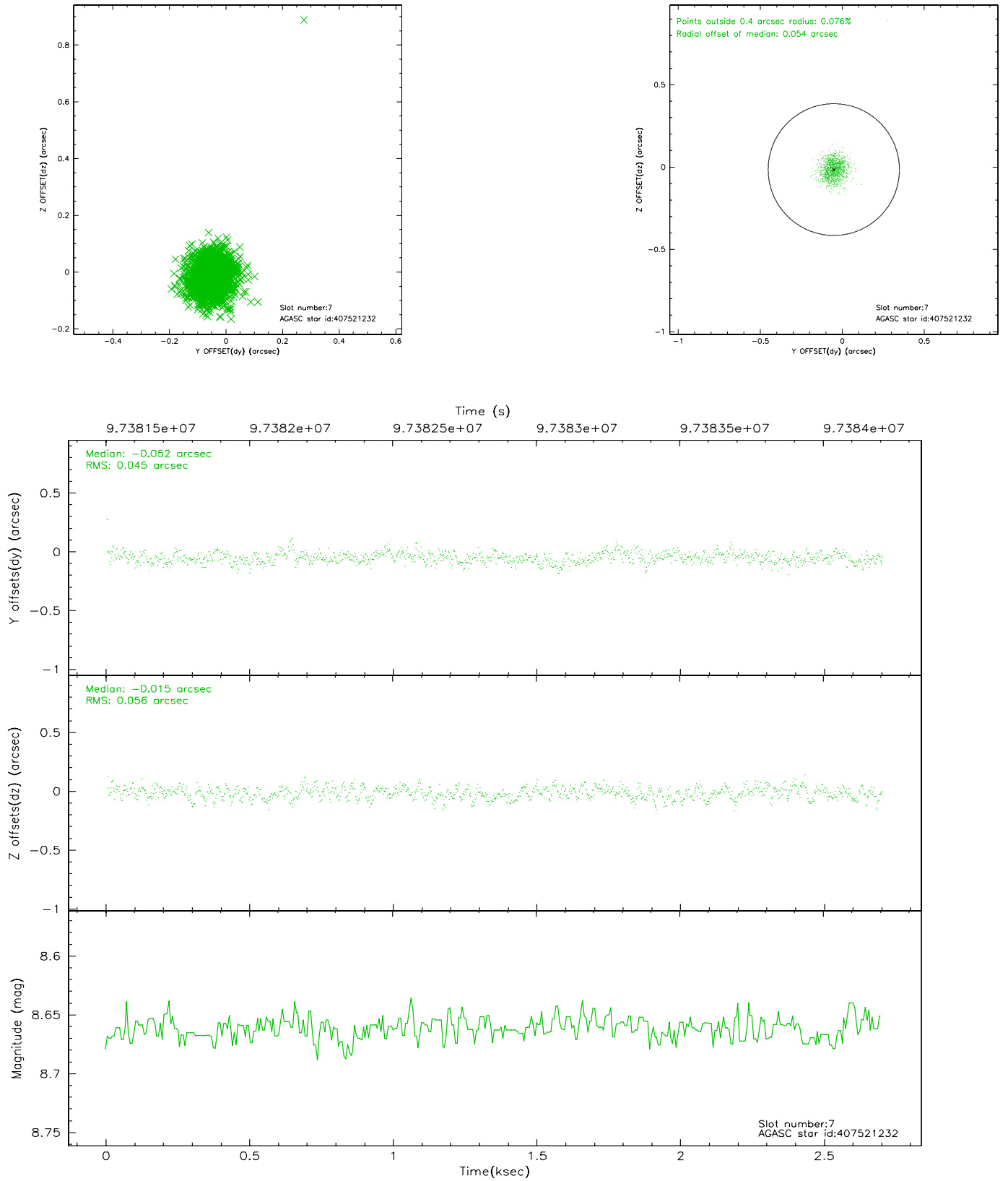
2.4.3 Slot 5



2.4.4 Slot 6

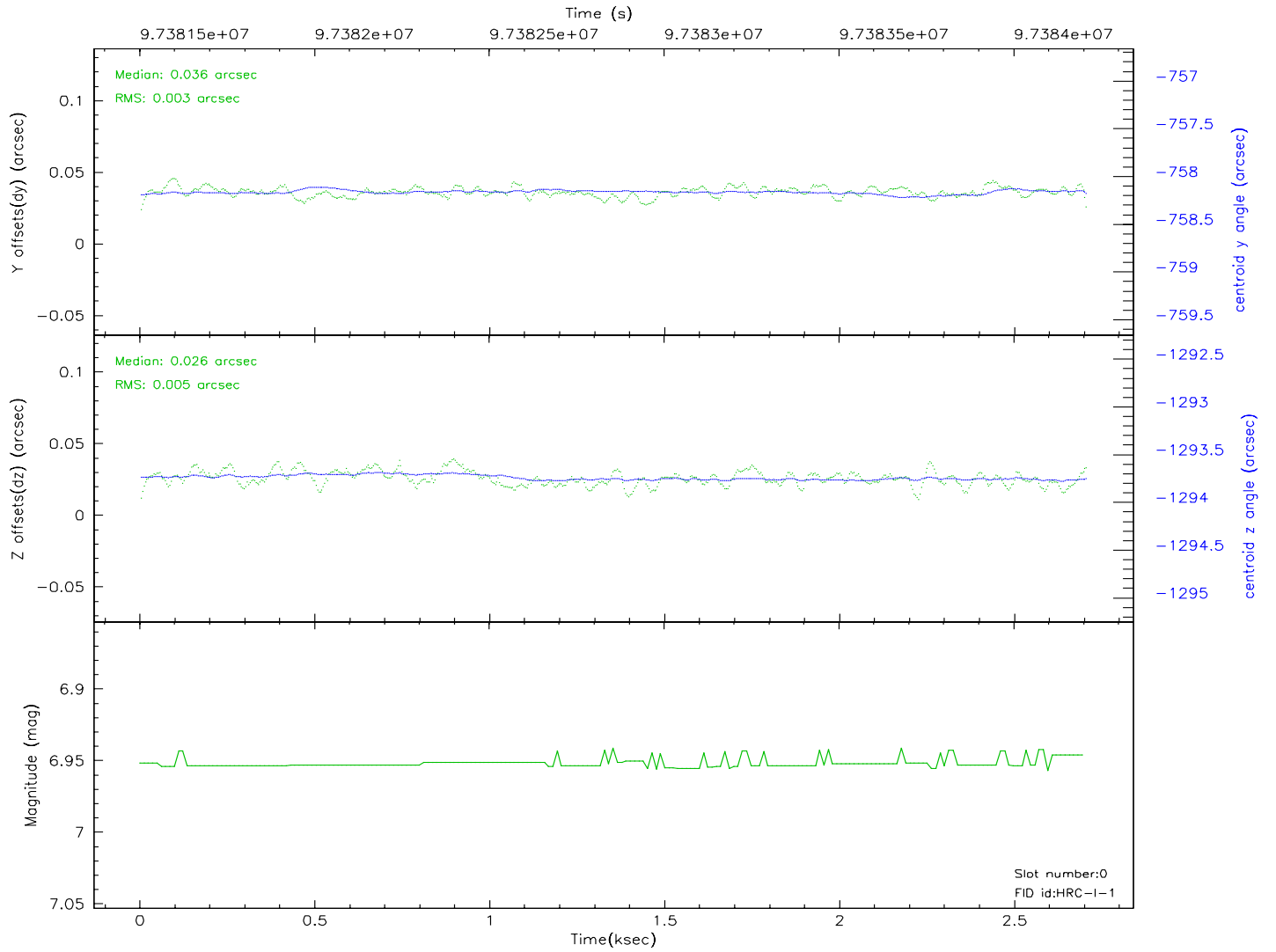
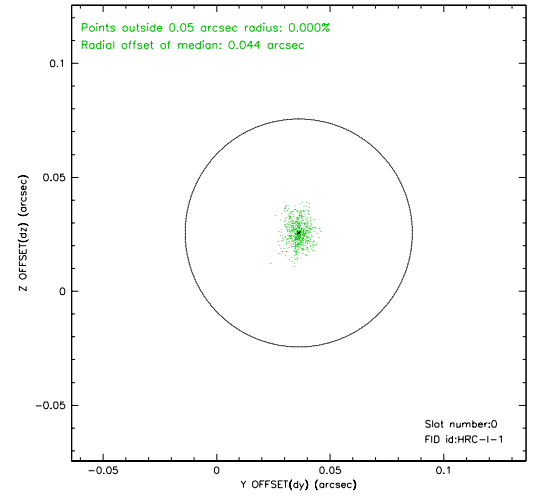
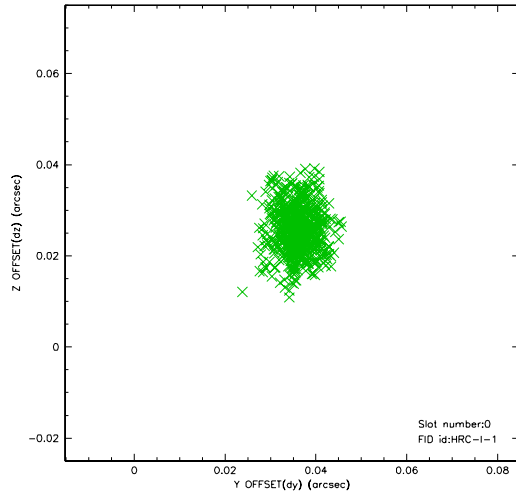


2.4.5 Slot 7

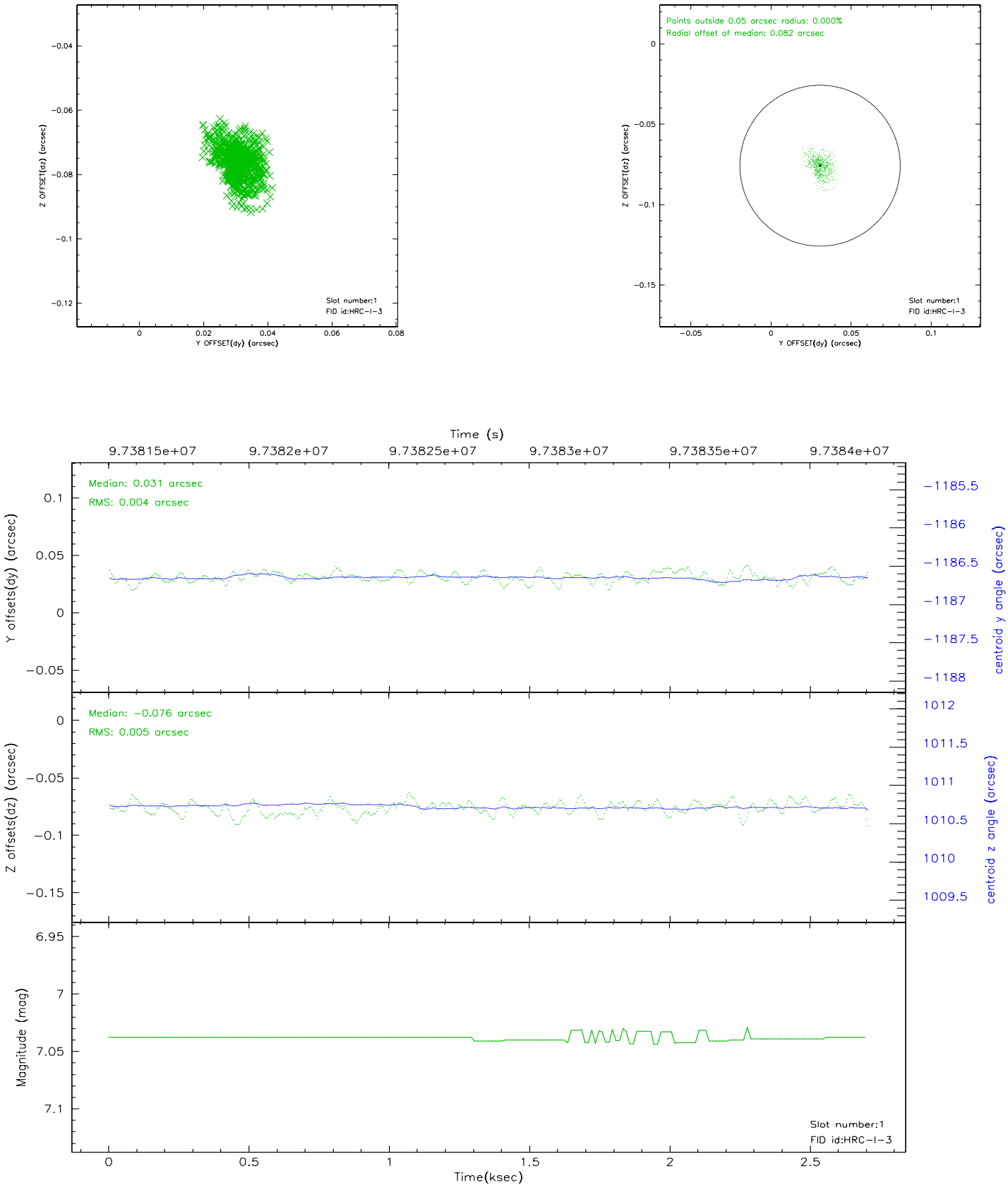


2.5 FID Slots

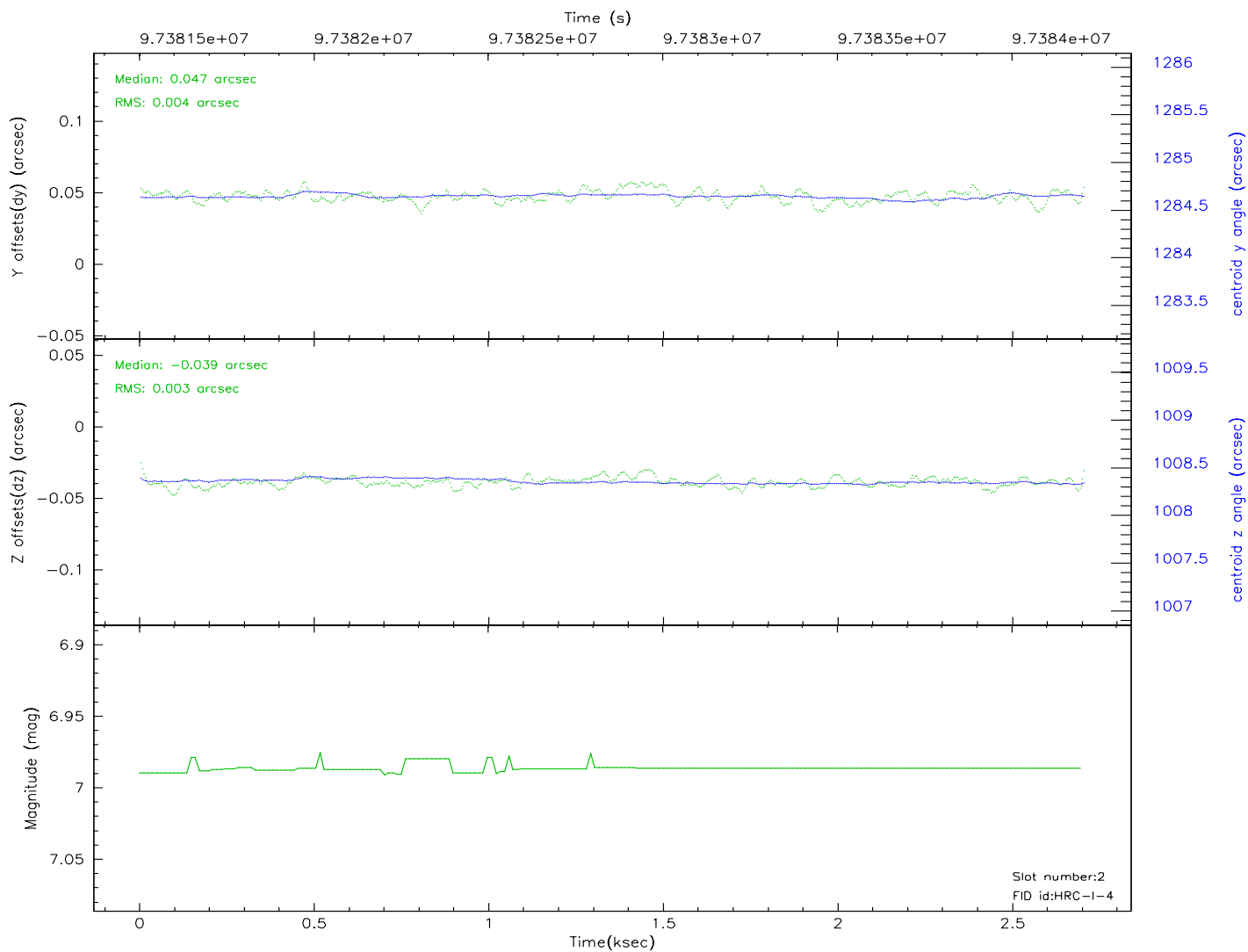
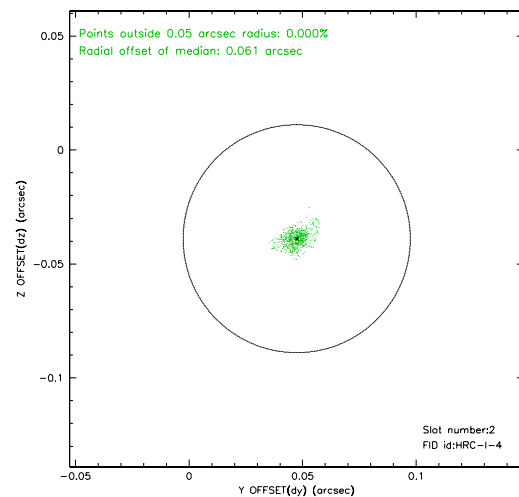
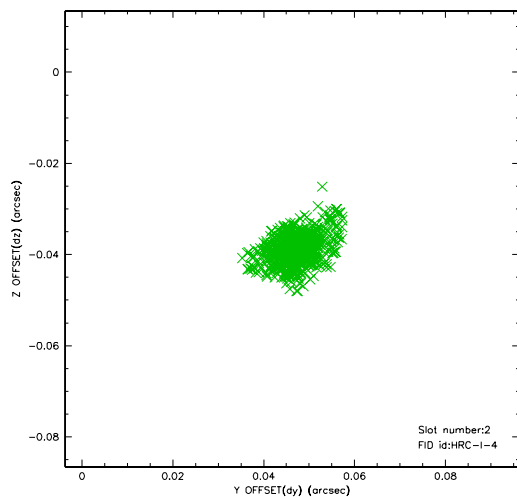
2.5.1 Slot 0



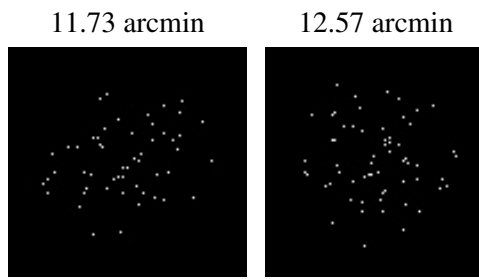
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.12.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.701

A.2 Comments

Window constraint met.

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.