

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 6083 - L2 Version 3
Chandra X-Ray Center

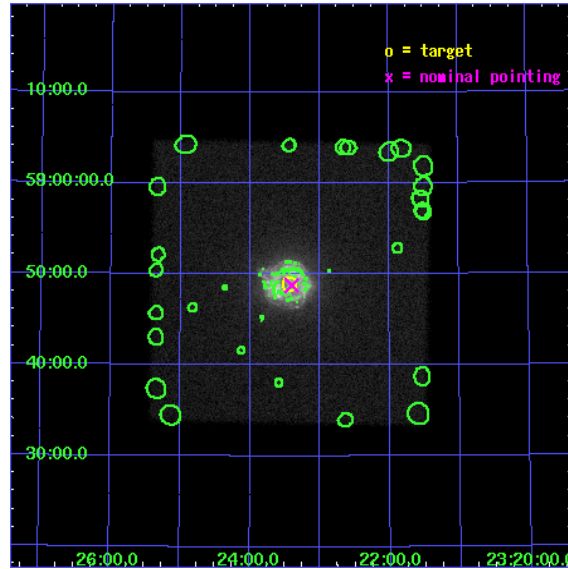
L2 Processing Date : Nov 24 2007

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1 Front

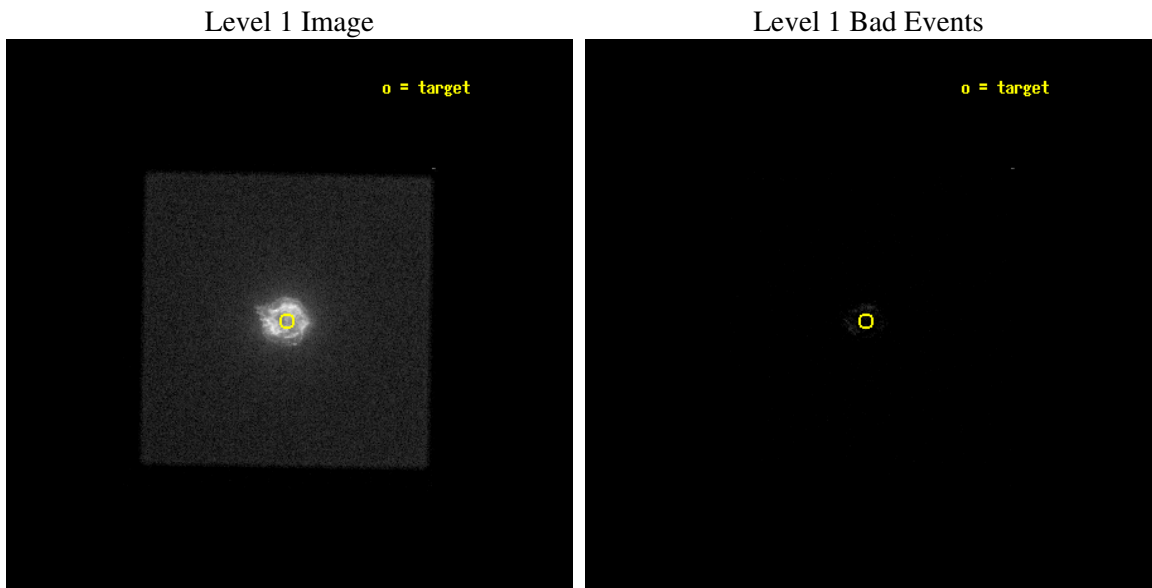
seq_num	590410
obs_id	6083
title	AO6B Observations of the Standard Candles Cas A and G21.5-09
observer	Dr. CXC Calibration
object	Cas A
ra_targ	350.8575
dec_targ	58.814833
ra_nom	350.85025073487
dec_nom	58.81296137323
roll_nom	225.94576278567
revision	3
ontime	5149.8564873338
livetime	5077.7776565573
l2events	671092



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	2007-11-24T20:50:54
revision	3

sched_exp_time	5000.000000
ontime	5149.8564873338
l1events	812005

2.1.3 Events

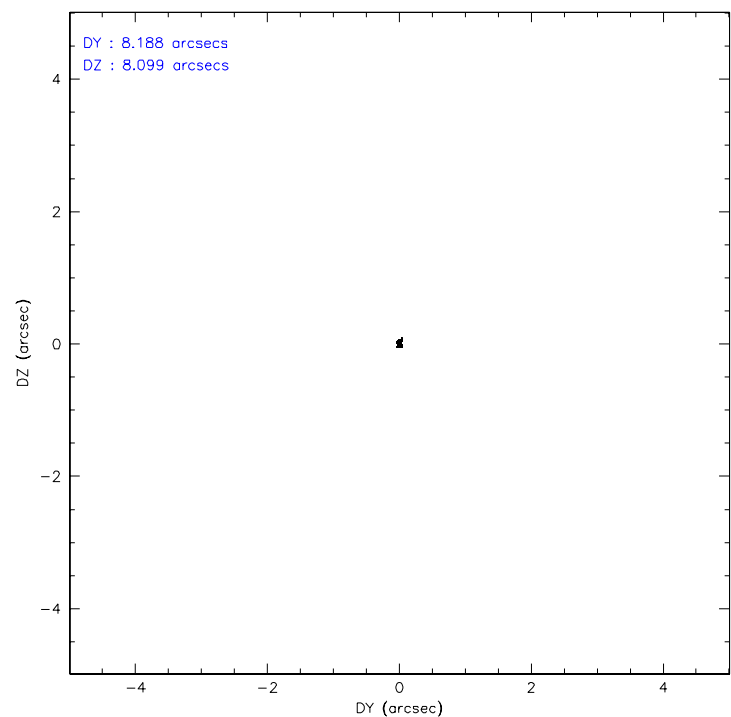
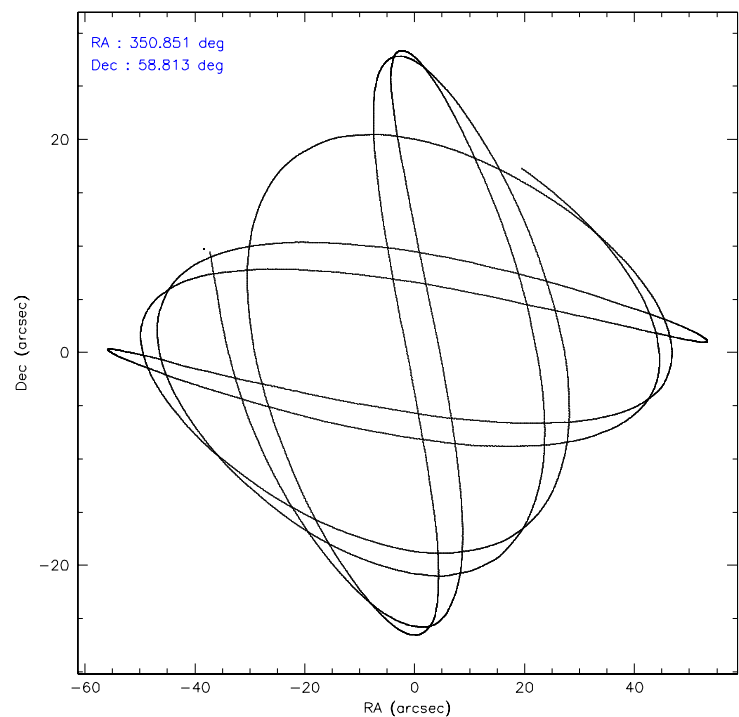
Level 1 Events

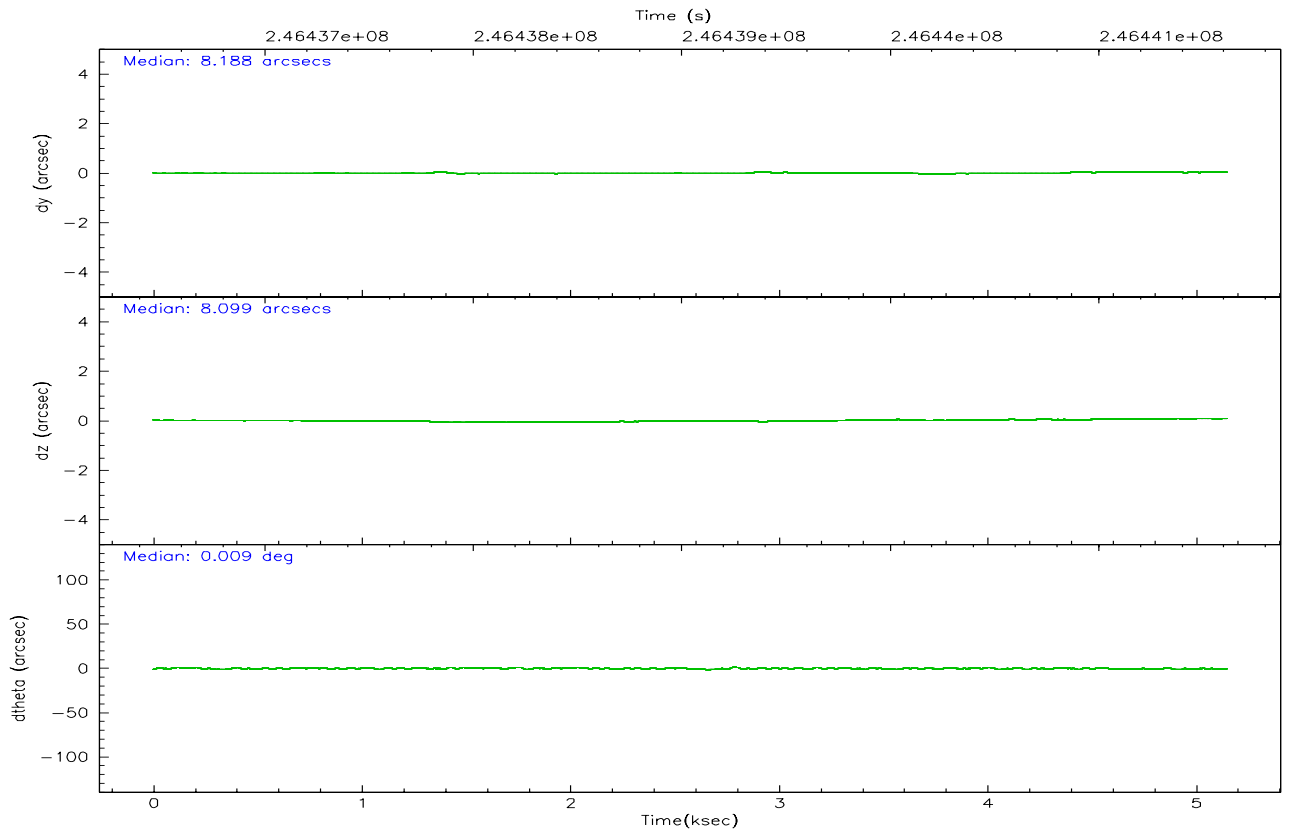
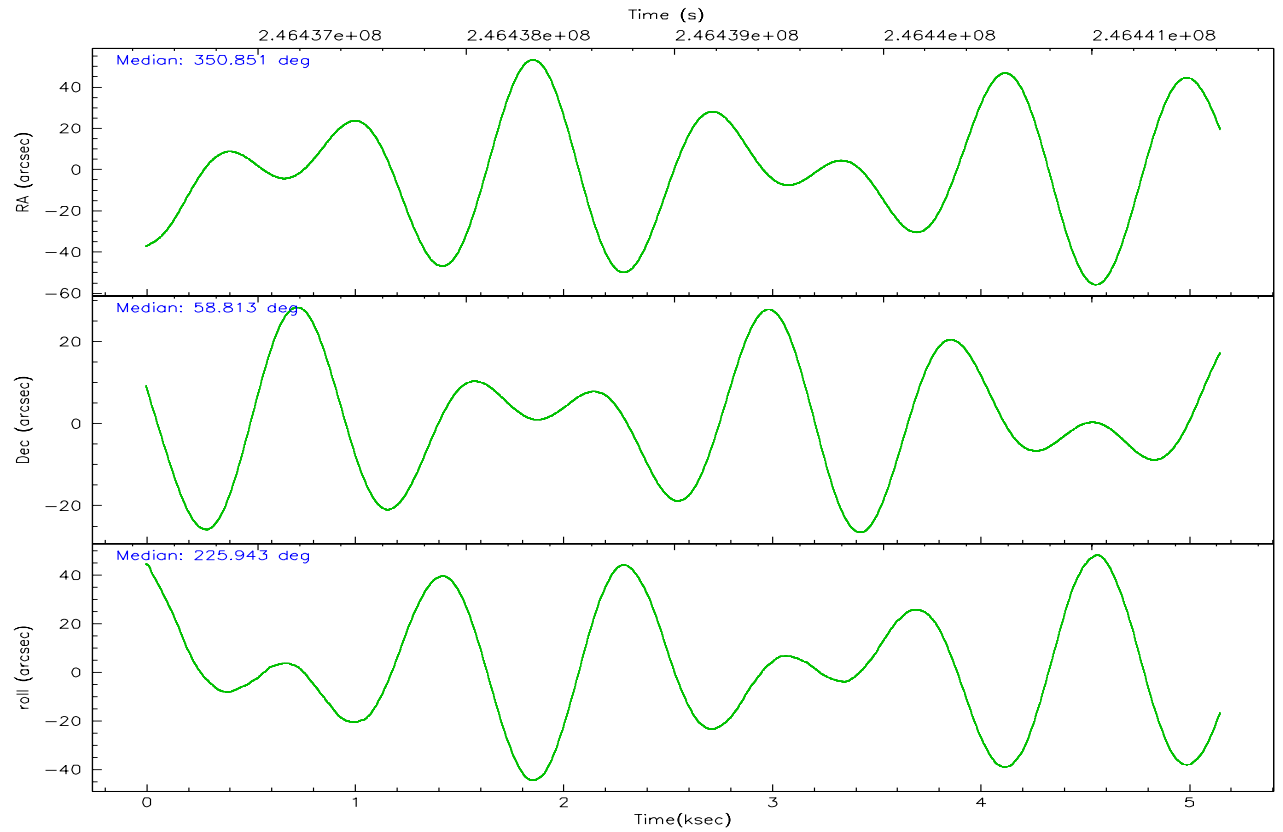
	segment 0
level 1 events	812005
rejected events	12556
rejected %	1%

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	350.861653	350.8502507348675			
Pointing Dec	58.839618	58.8129613732297			
Pointing Roll	226.031491	225.9457627856736			
Window start time	241920064.184000	241920064.184000			
Window stop time	249696064.184000	249696064.184000			
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	246436612.184000	246436209.73759			
Observation start date	2005-10-23T06:35:48	2005-10-23T06:30:09			
Observation end time	246441612.184000	246442505.28788			
Observation end date	2005-10-23T07:59:08	2005-10-23T08:15:05			

2.3 Aspect



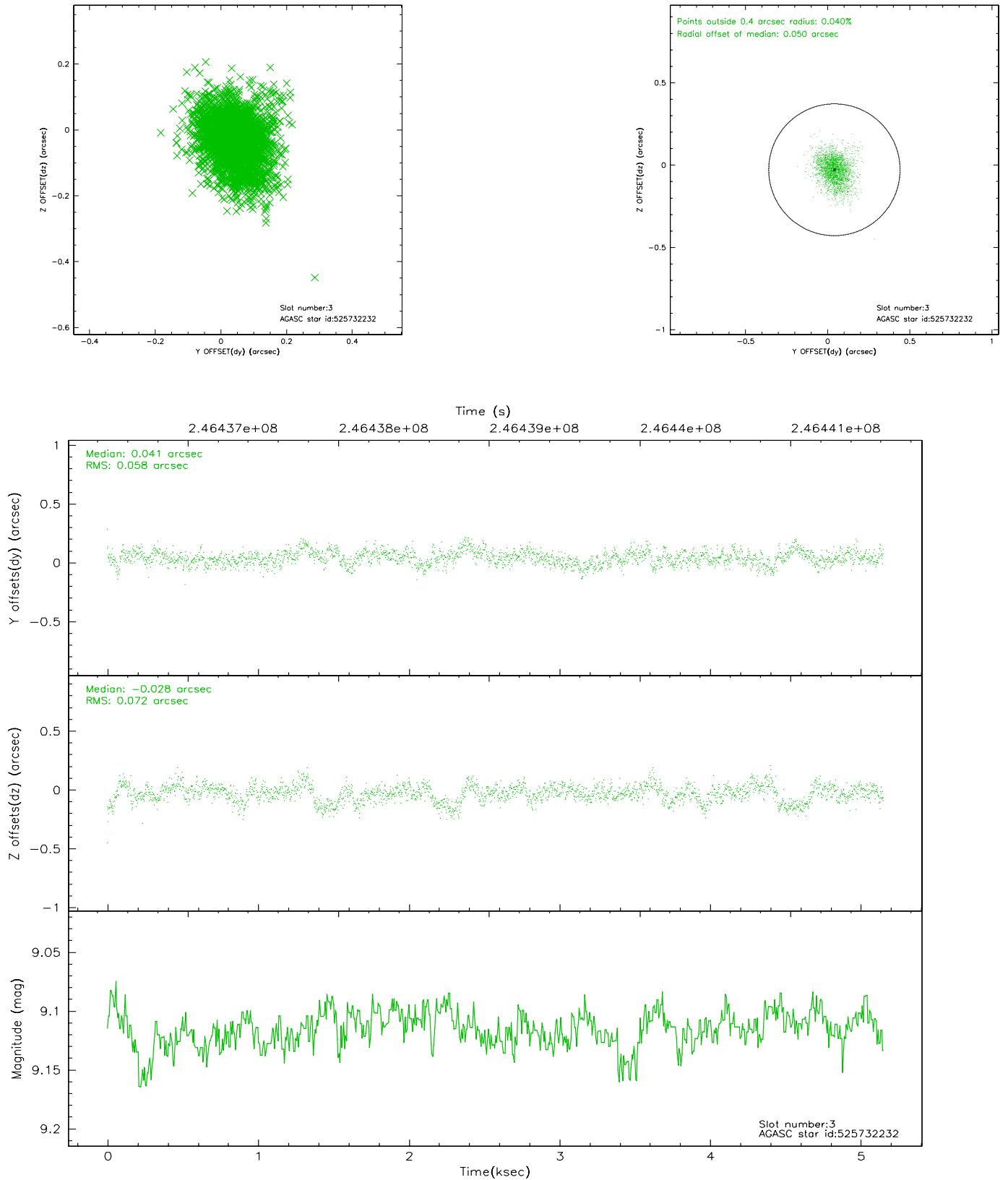


Slot Statistics

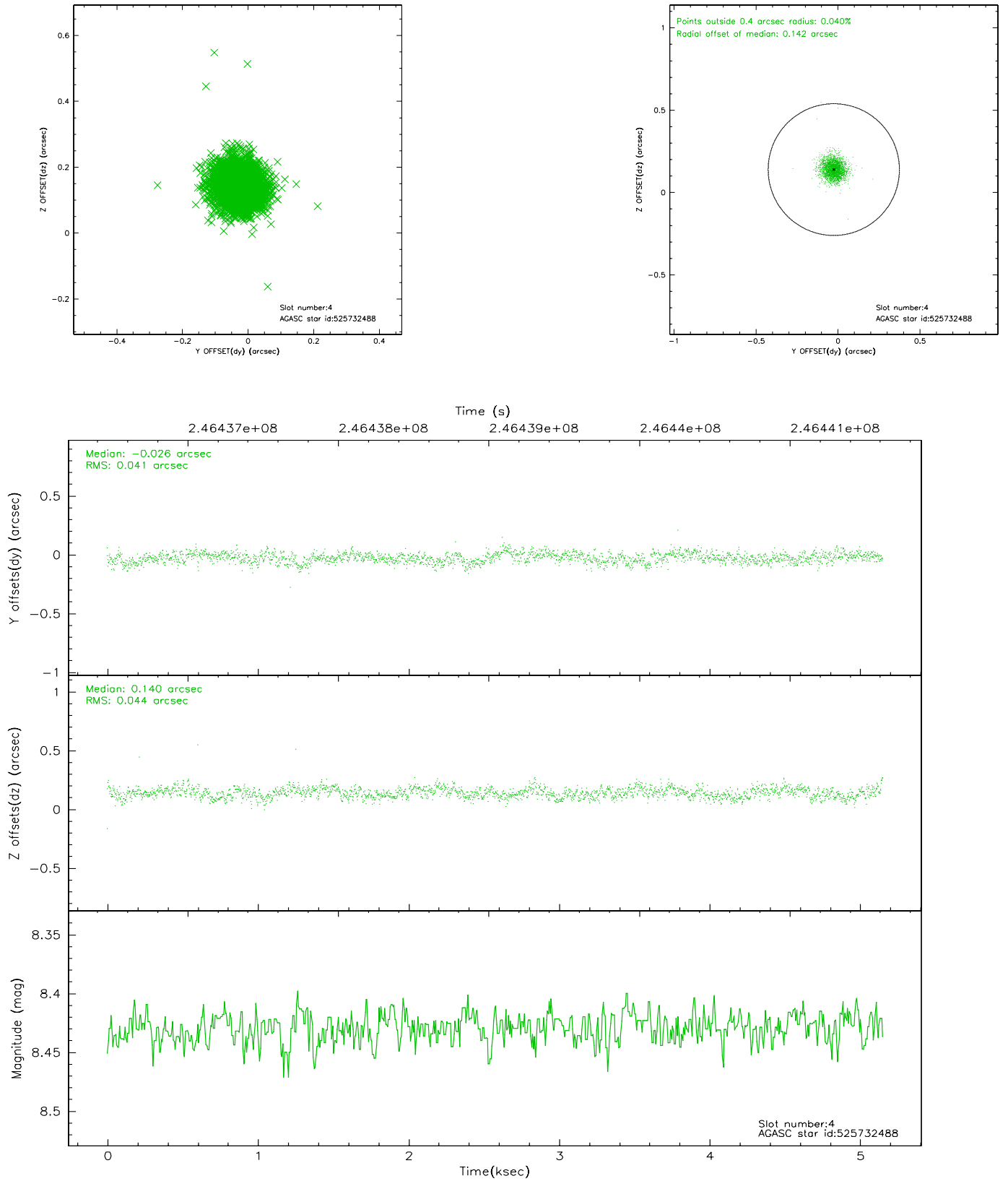
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-2	7.04	1257	0.103	-0.086	0.006	0.010	0.000000	0.000000	848.91	-1297.65
1	FID	HRC-I-3	7.09	1257	-0.097	0.040	0.005	0.009	0.000000	0.000000	-1191.71	1007.59
2	FID	HRC-I-4	7.03	1257	0.113	-0.041	0.006	0.009	0.000000	0.000000	1278.16	1006.93
3	GUIDE	525732232	9.11	2512	0.041	-0.028	0.095	0.164	351.669550	58.757012	-839.98	1286.15
4	GUIDE	525732488	8.43	2513	-0.026	0.140	0.062	0.100	350.087090	58.516915	1840.51	-247.21
5	GUIDE	525732528	9.37	2513	0.162	-0.017	0.089	0.143	351.607241	59.298932	-2146.17	-167.82
6	GUIDE	525735456	6.79	2514	-0.099	-0.013	0.053	0.084	350.628183	59.307249	-915.31	-1478.82
7	GUIDE	525735976	8.86	2513	-0.075	-0.079	0.072	0.119	350.142956	58.277622	2394.83	419.26

2.4 Star Slots

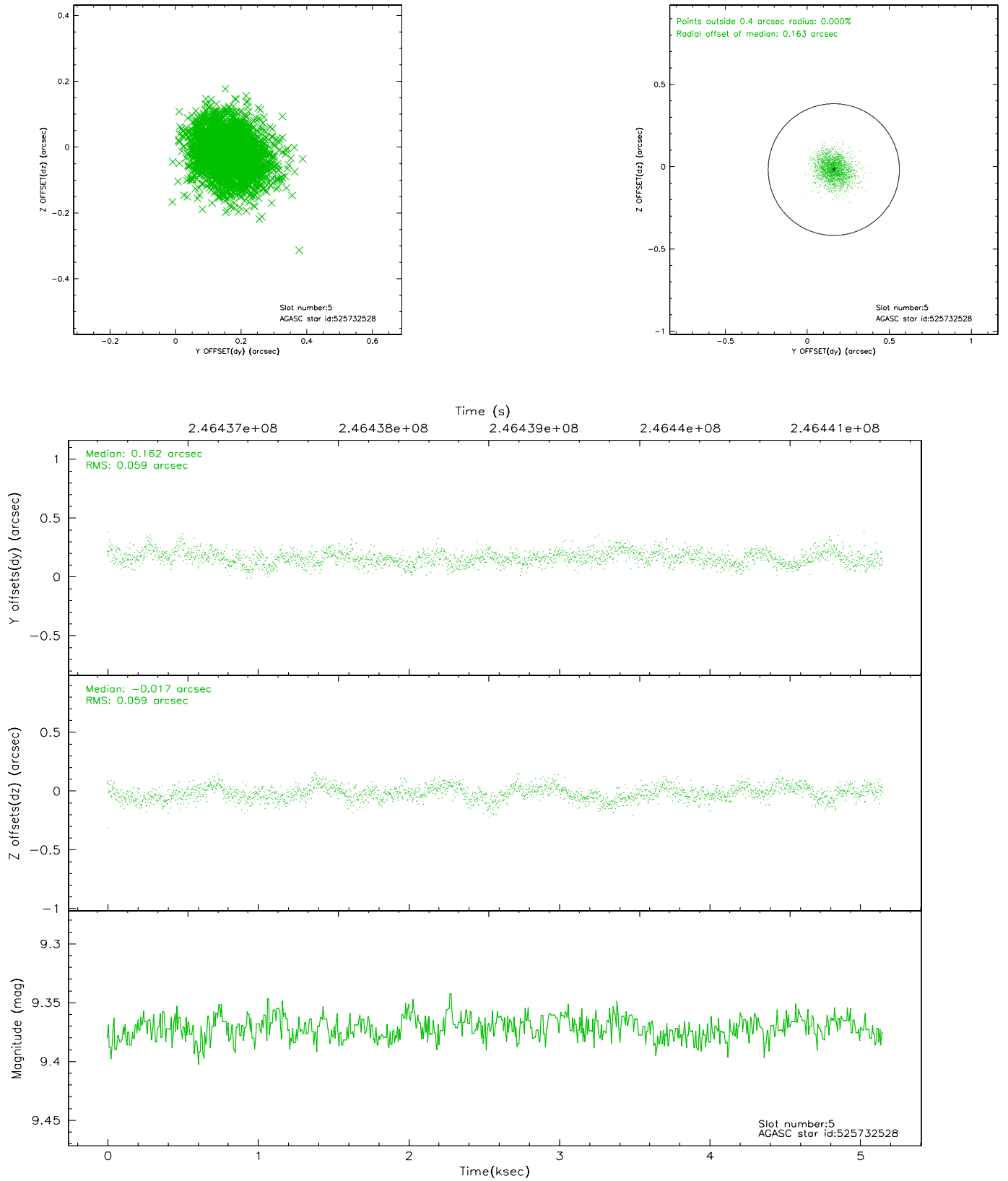
2.4.1 Slot 3



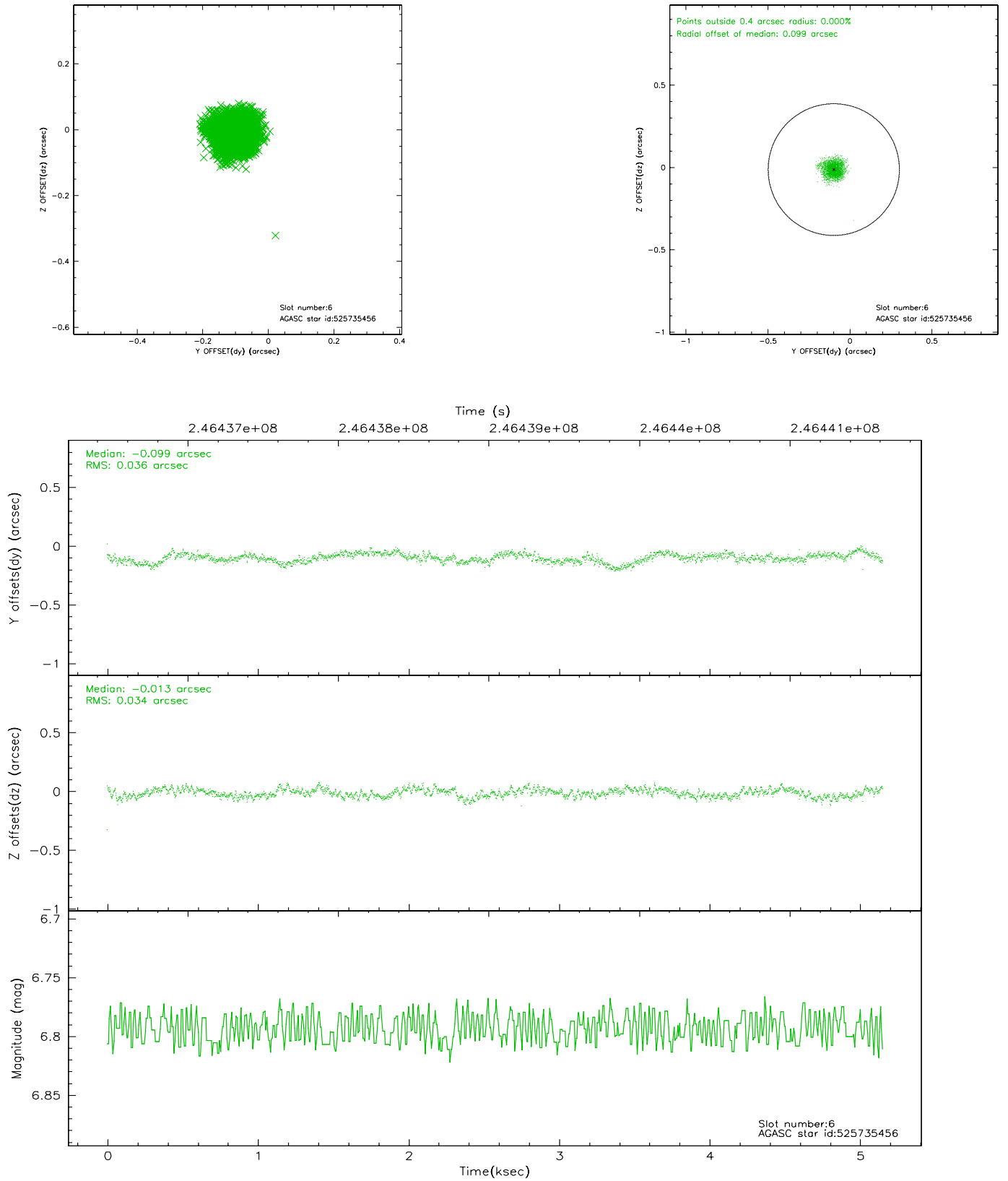
2.4.2 Slot 4



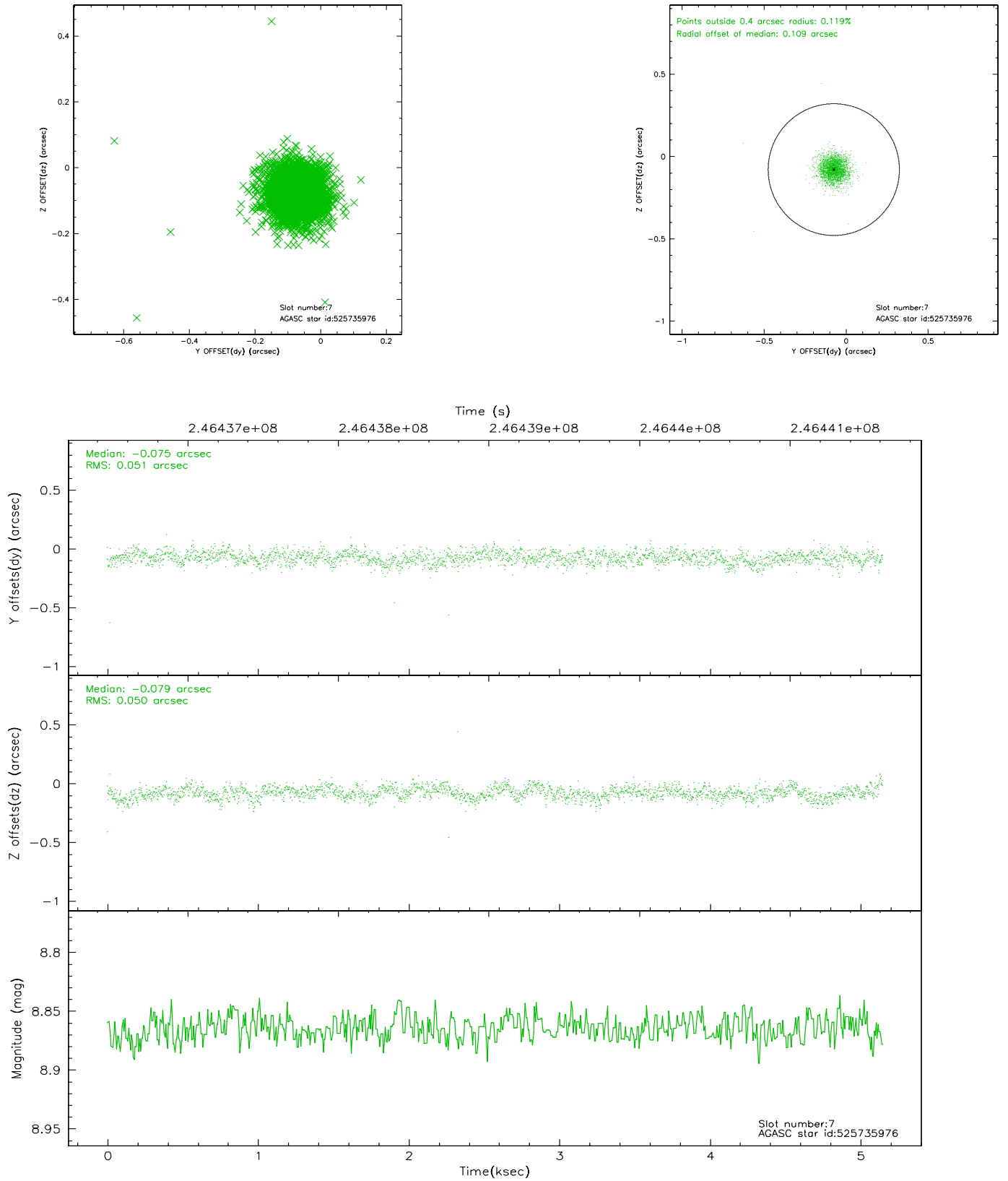
2.4.3 Slot 5



2.4.4 Slot 6

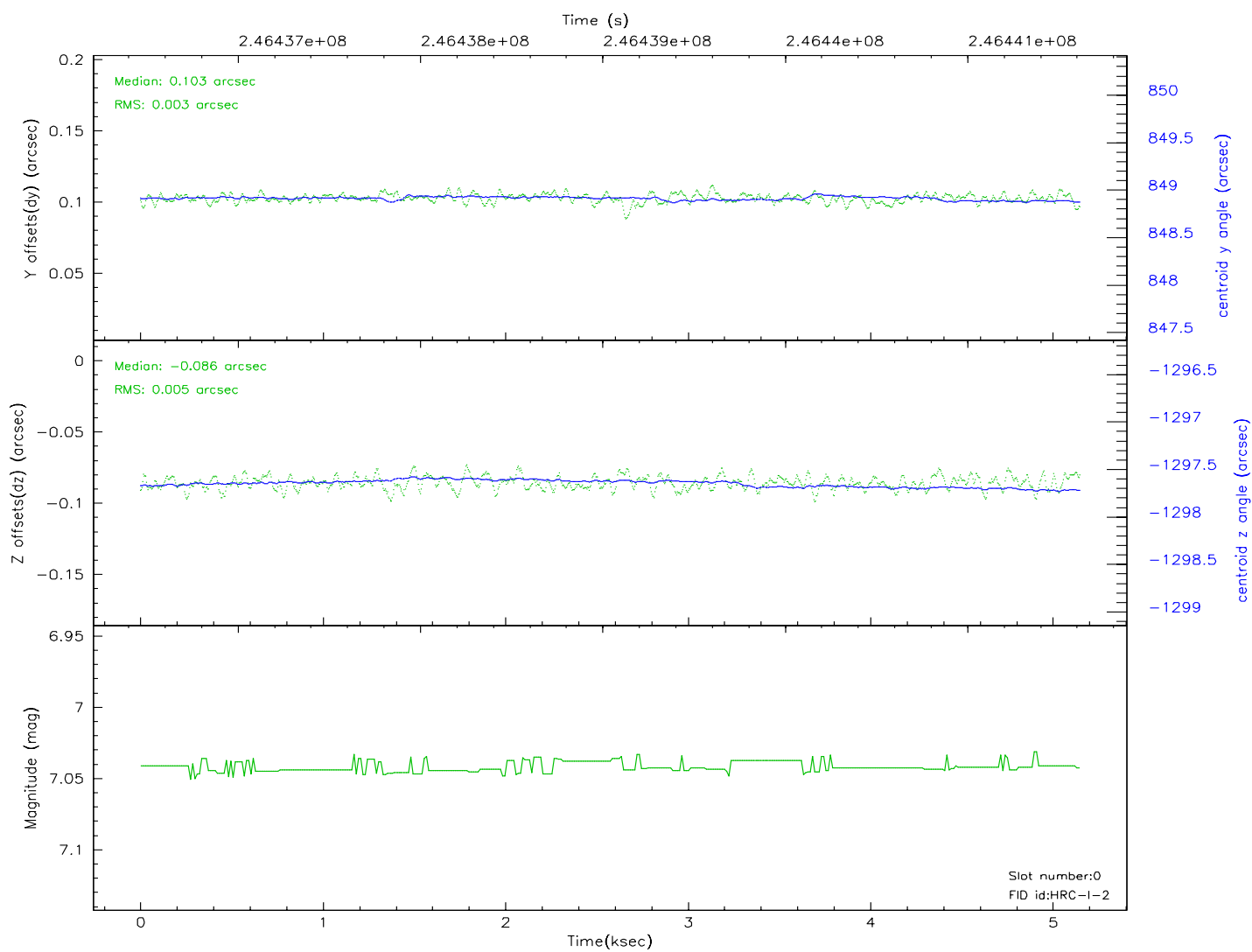
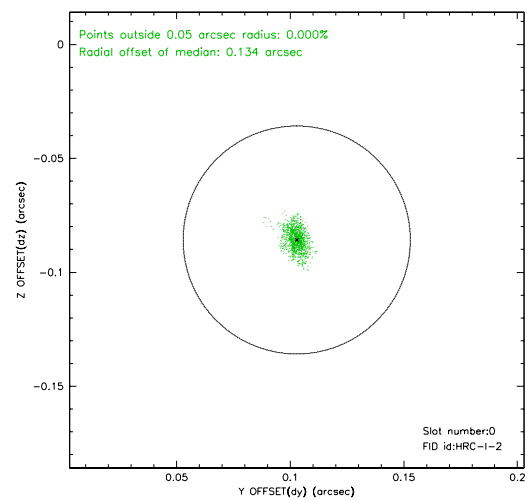
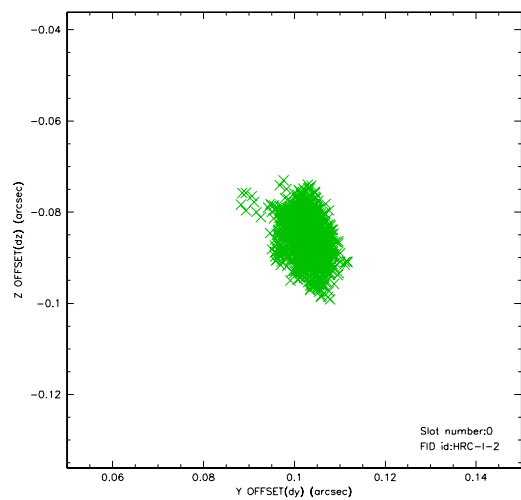


2.4.5 Slot 7

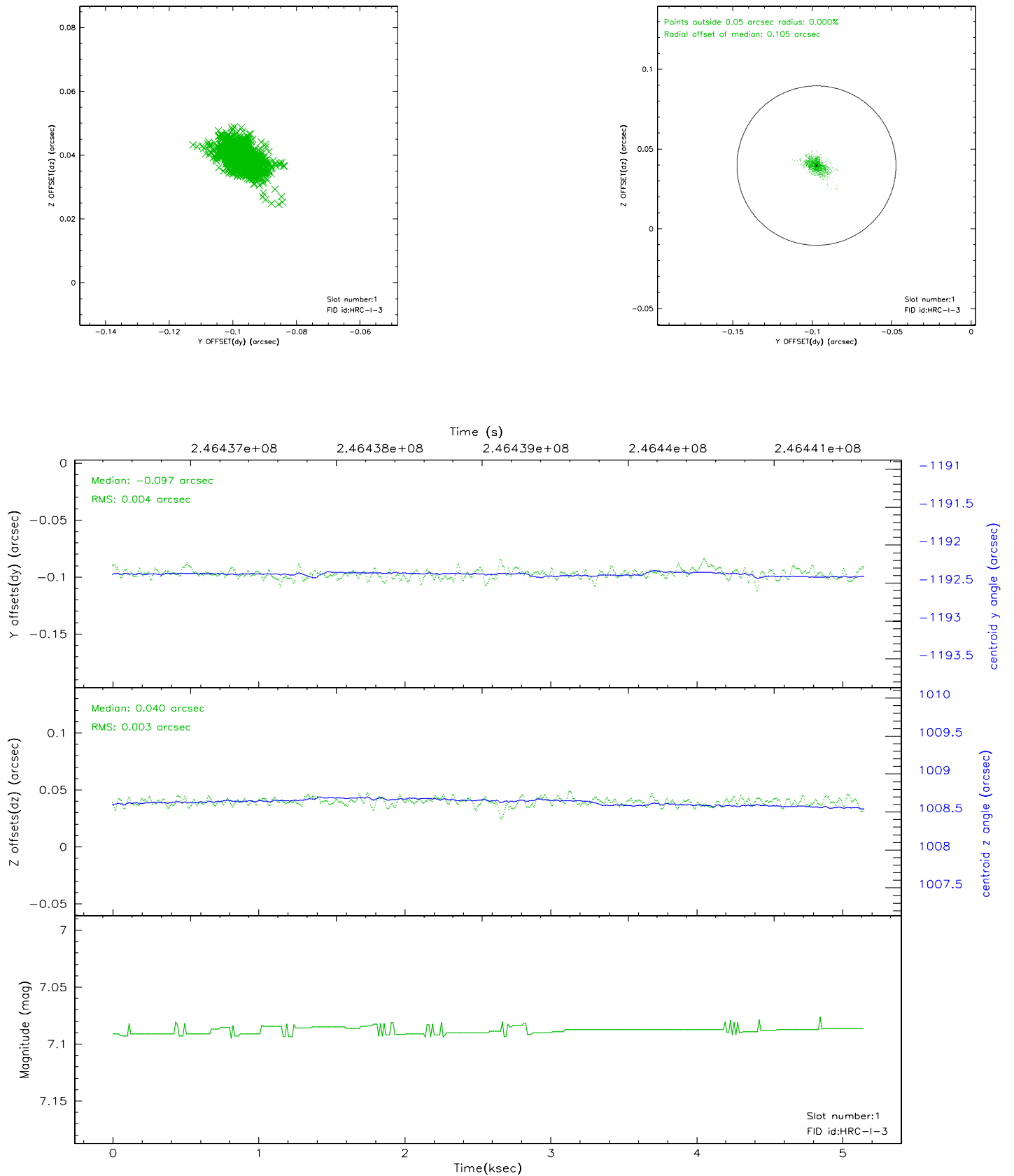


2.5 FID Slots

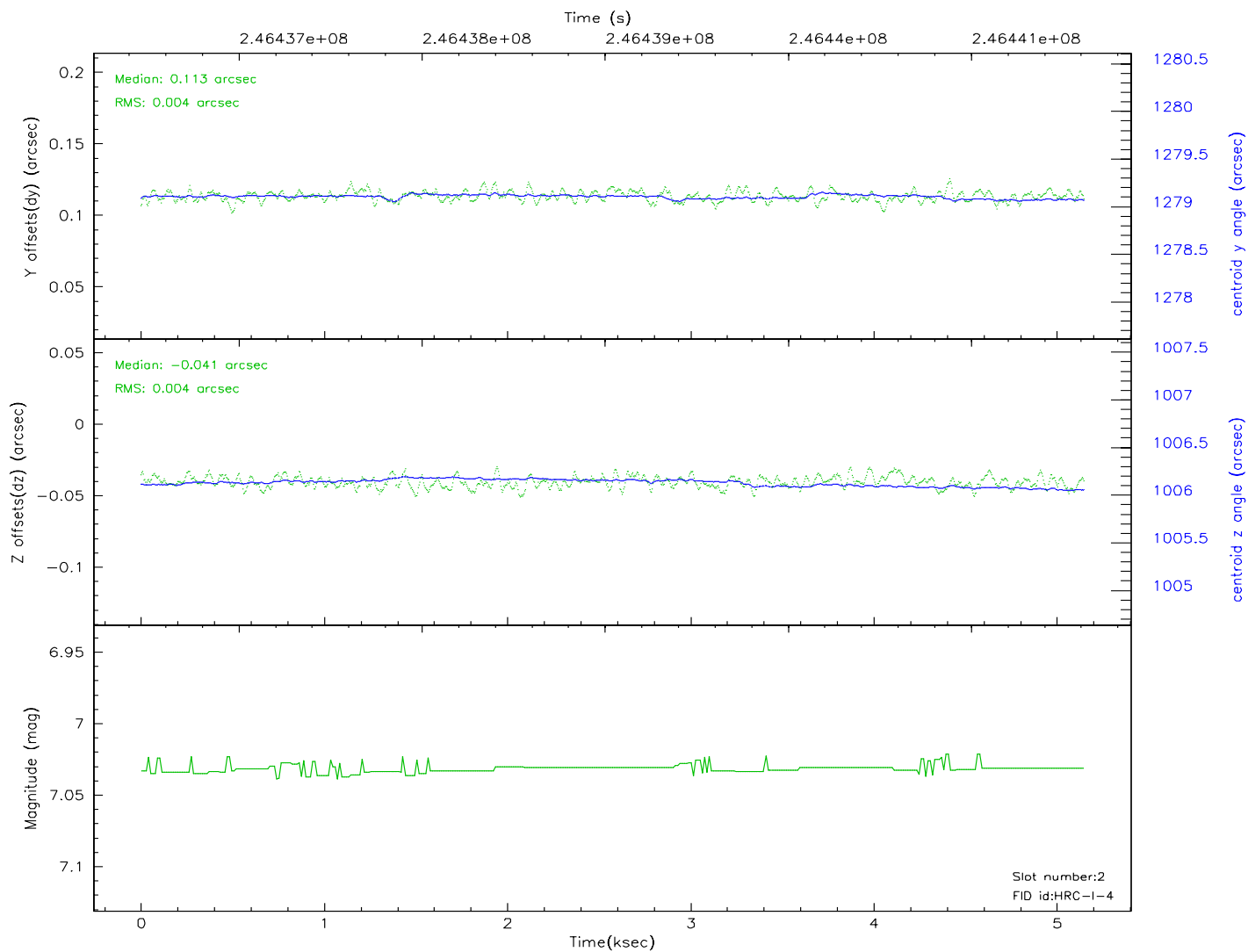
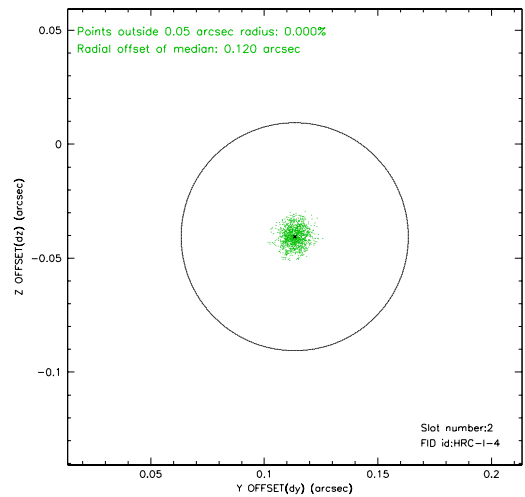
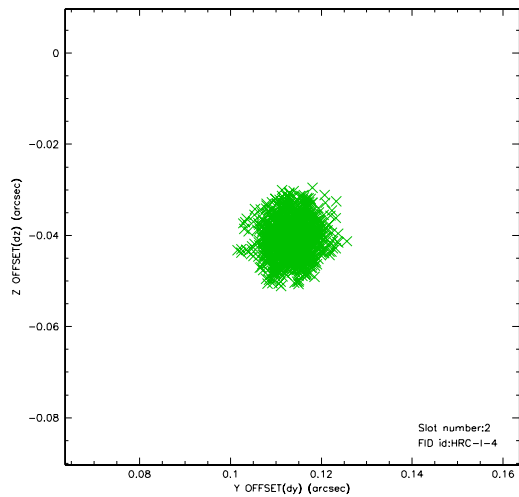
2.5.1 Slot 0



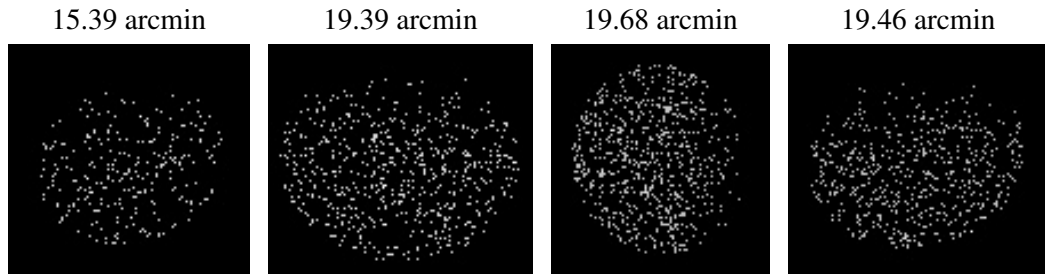
2.5.2 Slot 1



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	5.149856

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.