

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 5240 - L2 Version 3
Chandra X-Ray Center

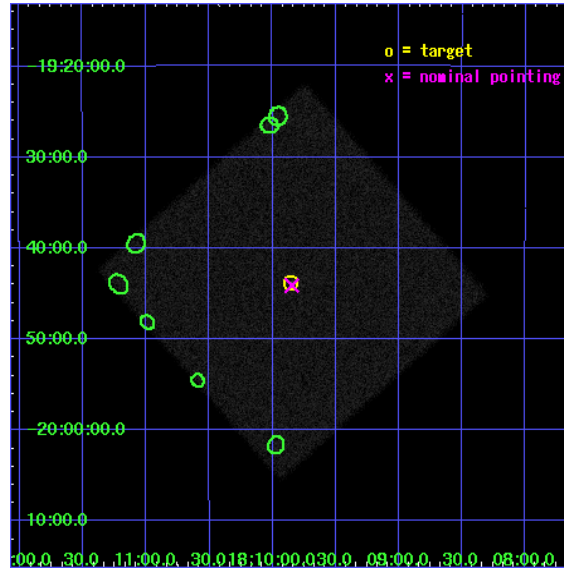
L2 Processing Date : Nov 23 2007

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1 Front

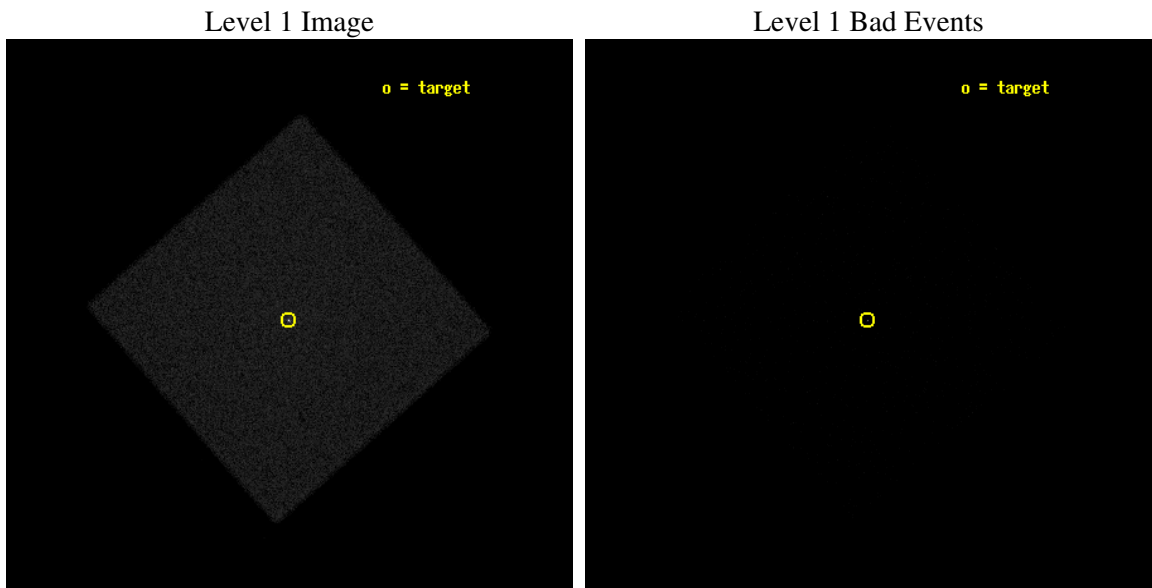
seq_num	500498
obs_id	5240
title	Unveiling the multiwavelength spectrum of the AXP XTEJ1810-197
observer	Dr GianLuca Israel
object	XTE J1810-197
ra_targ	272.462917
dec_targ	-19.731028
ra_nom	272.4615001554
dec_nom	-19.735425633224
roll_nom	273.65549798452
revision	3
ontime	2884.6063746214
livetime	2865.1790379243
l2events	147762



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	4
ascdsver	7.6.11.2
caldbver	3.4.1
date	2007-11-23T21:17:06
revision	3

sched_exp_time	2900.000000
ontime	2884.6063746214
l1events	210988

2.1.3 Events

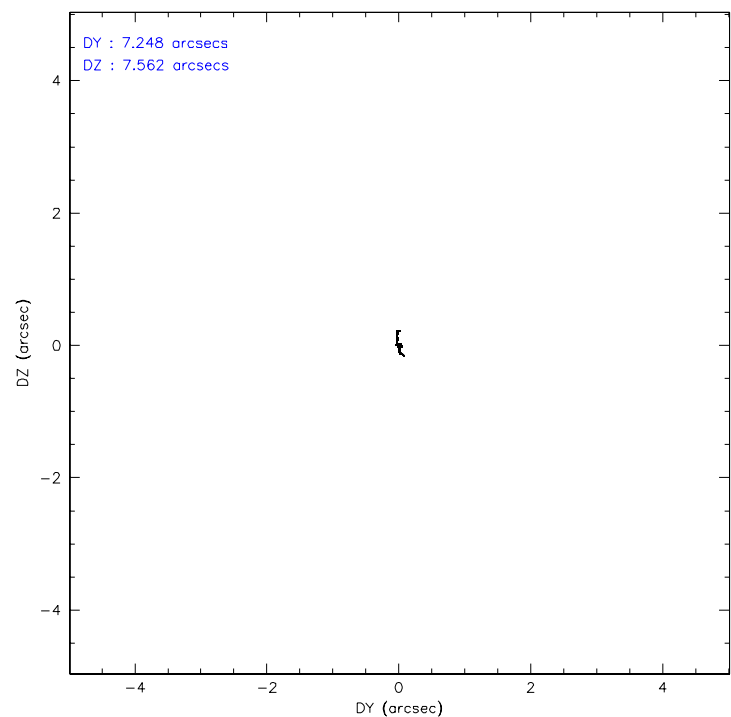
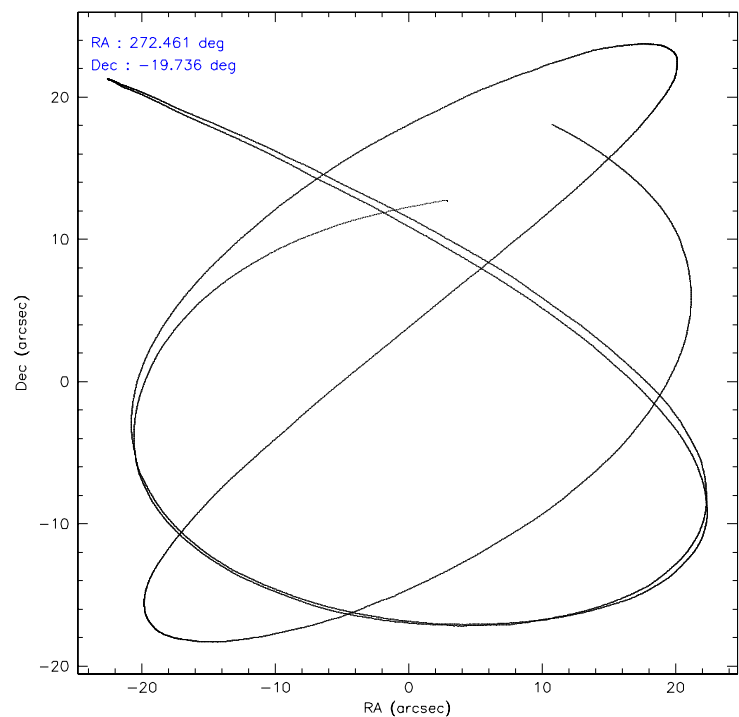
Level 1 Events

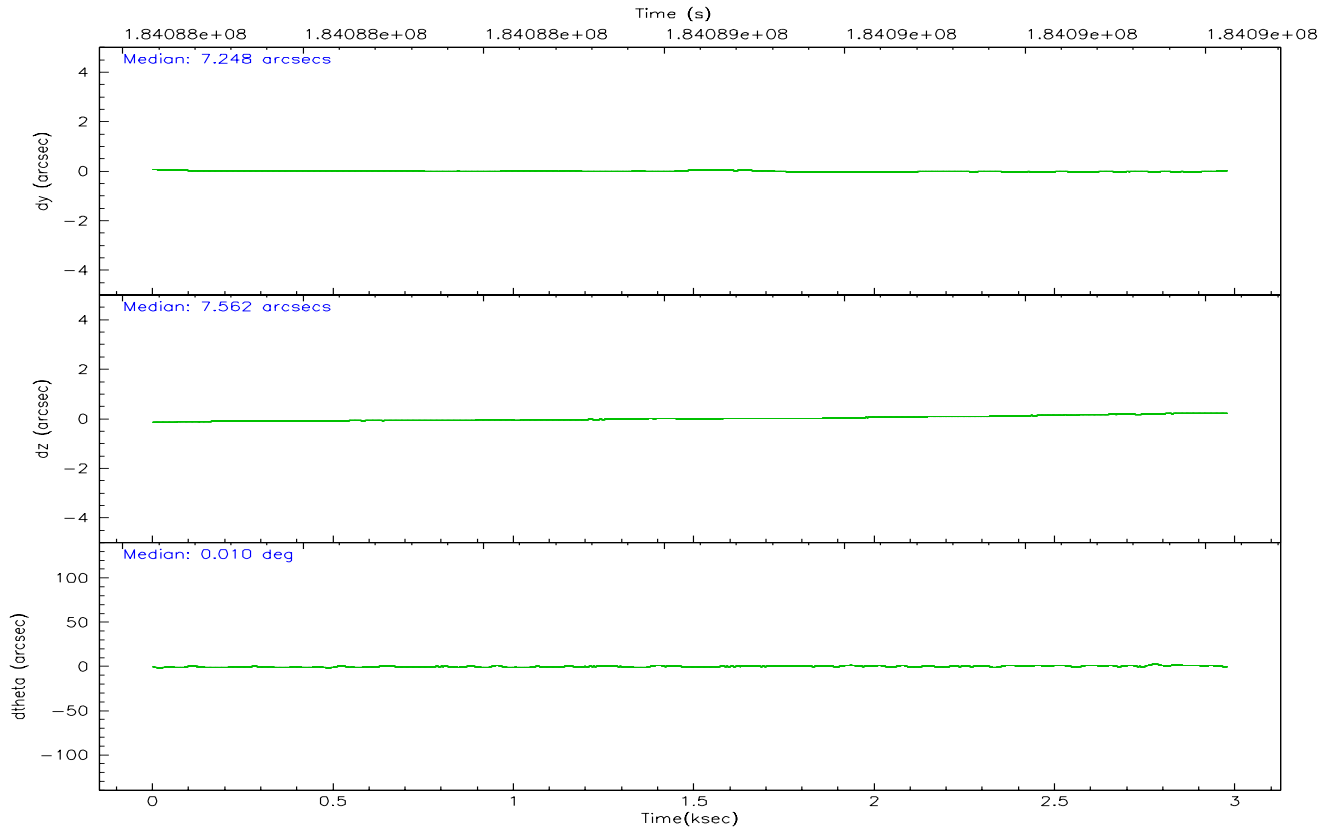
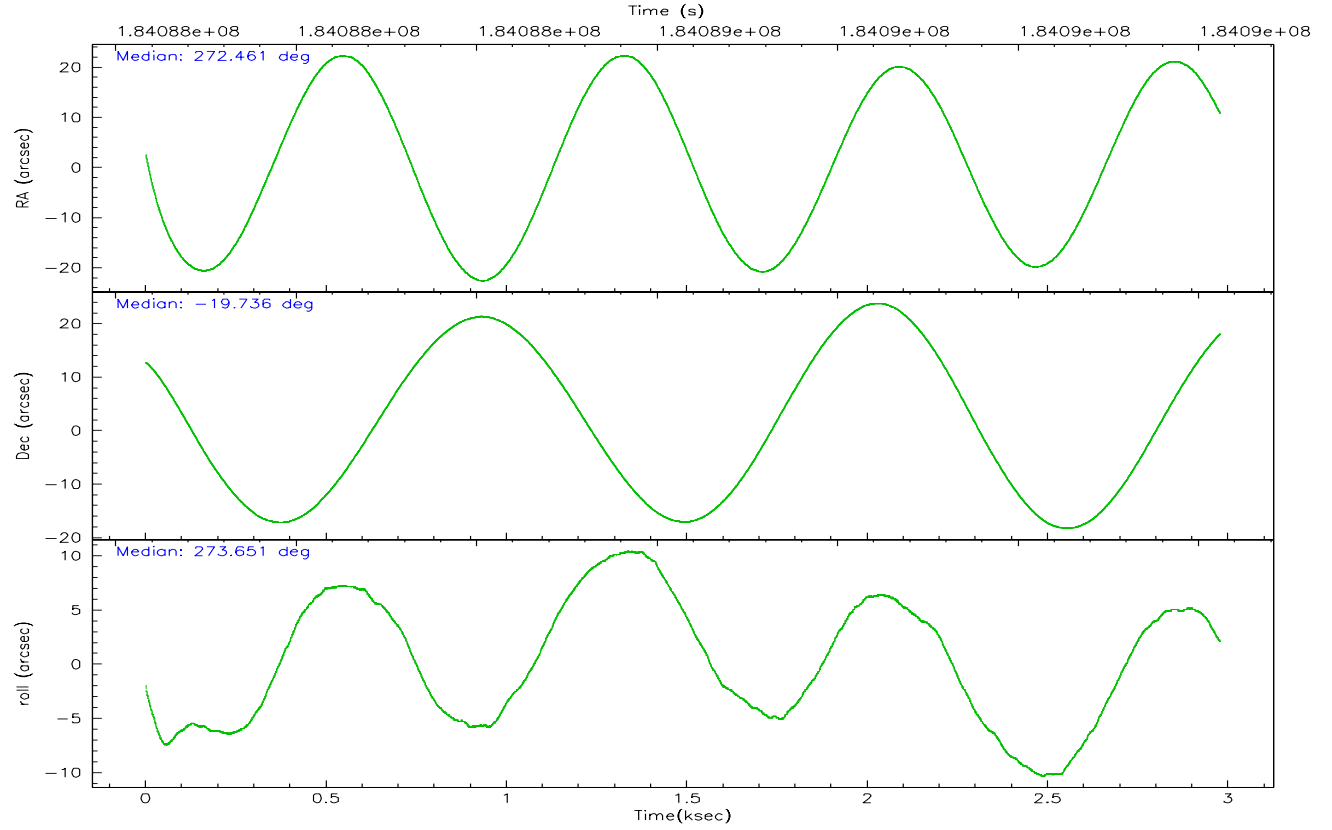
	segment 0
level 1 events	210988
rejected events	8965
rejected %	4%

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	272.444968	272.4615001554046			
Pointing Dec	-19.712758	-19.73542563322372			
Pointing Roll	273.745426	273.6554979845164			
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	184087662.184000	184086629.03418			
Observation start date	2003-11-01T15:26:38	2003-11-01T15:10:29			
Observation end time	184090562.184000	184092012.84691			
Observation end date	2003-11-01T16:14:58	2003-11-01T16:40:12			

2.3 Aspect



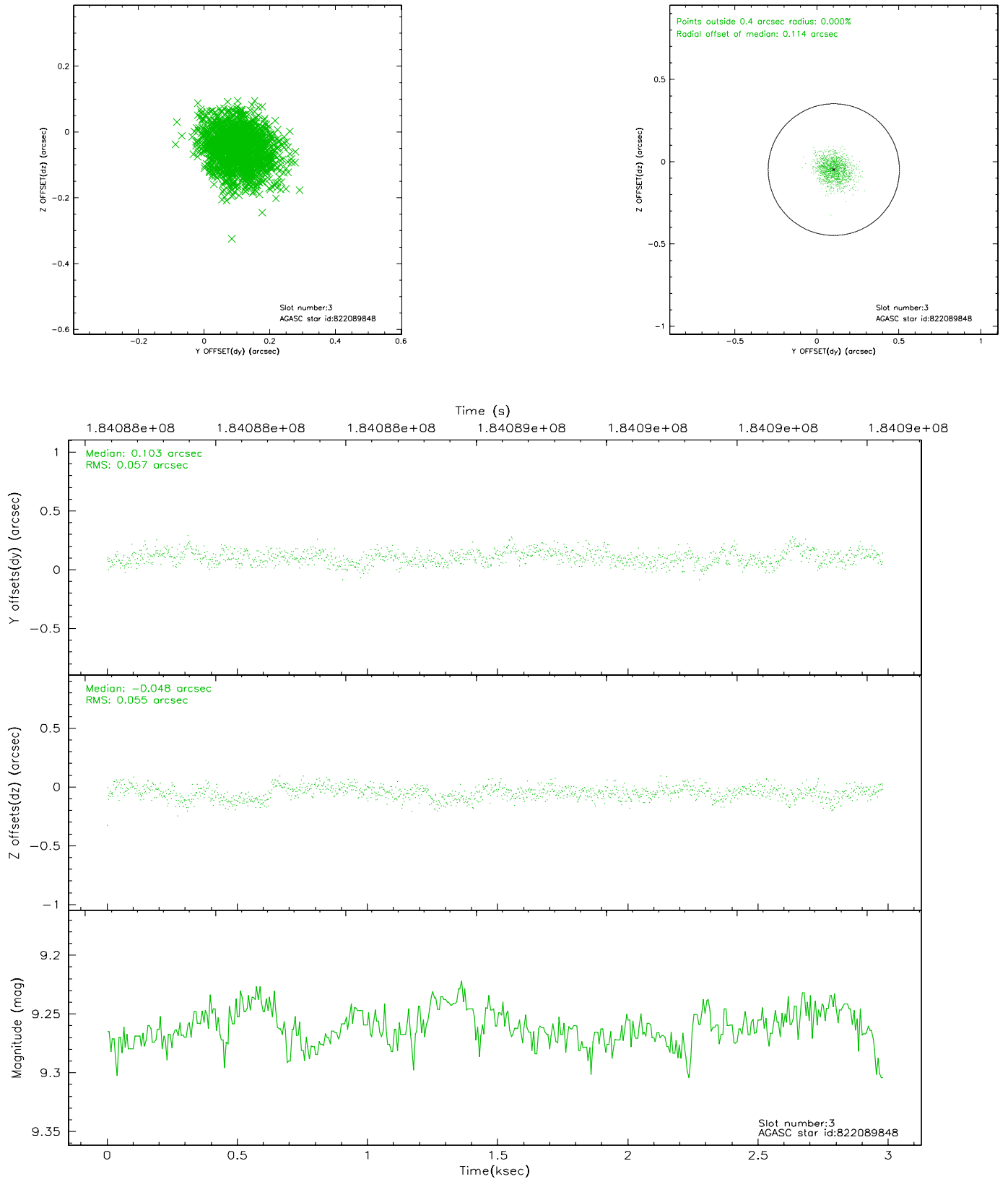


Slot Statistics

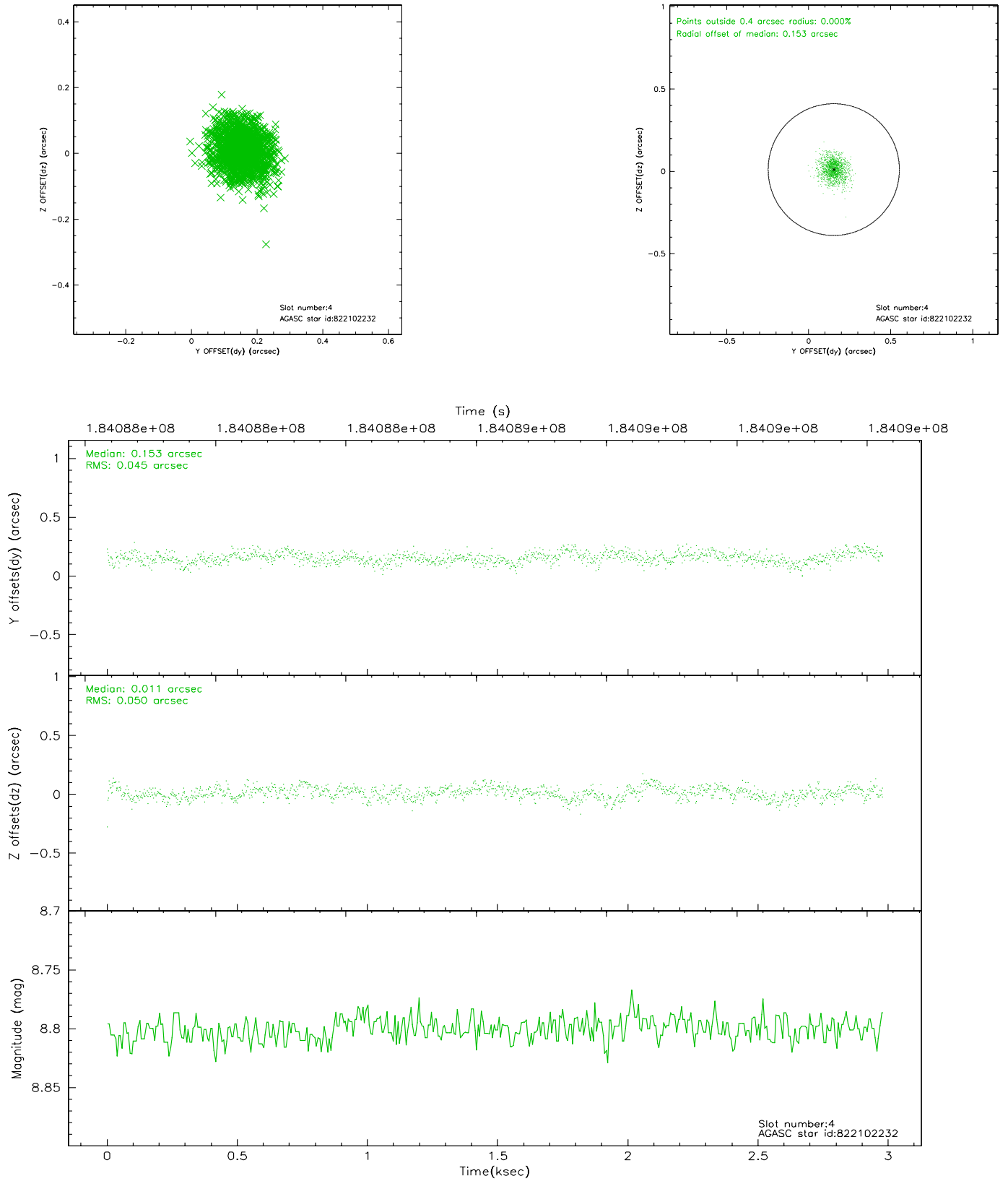
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	727	0.016	0.021	0.008	0.014	0.000000	0.000000	-762.85	-1295.46
1	FID	HRC-I-2	7.01	727	0.114	-0.097	0.007	0.013	0.000000	0.000000	848.83	-1298.96
2	FID	HRC-I-3	7.06	727	-0.010	-0.013	0.006	0.012	0.000000	0.000000	-1190.15	1007.29
3	GUIDE	822089848	9.26	1454	0.103	-0.048	0.084	0.137	272.323258	-20.191137	1690.45	-522.59
4	GUIDE	822102232	8.80	1453	0.153	0.011	0.072	0.113	272.350923	-20.034935	1136.55	-393.24
5	GUIDE	822102416	7.50	1454	-0.015	-0.109	0.061	0.098	272.173216	-20.087156	1285.06	-1005.02
6	GUIDE	822102608	9.31	1454	-0.026	-0.017	0.097	0.157	272.659367	-19.166896	-1913.51	855.22
7	GUIDE	822085152	9.02	1452	-0.214	0.162	0.098	0.156	272.974056	-19.057083	-2238.25	1951.41

2.4 Star Slots

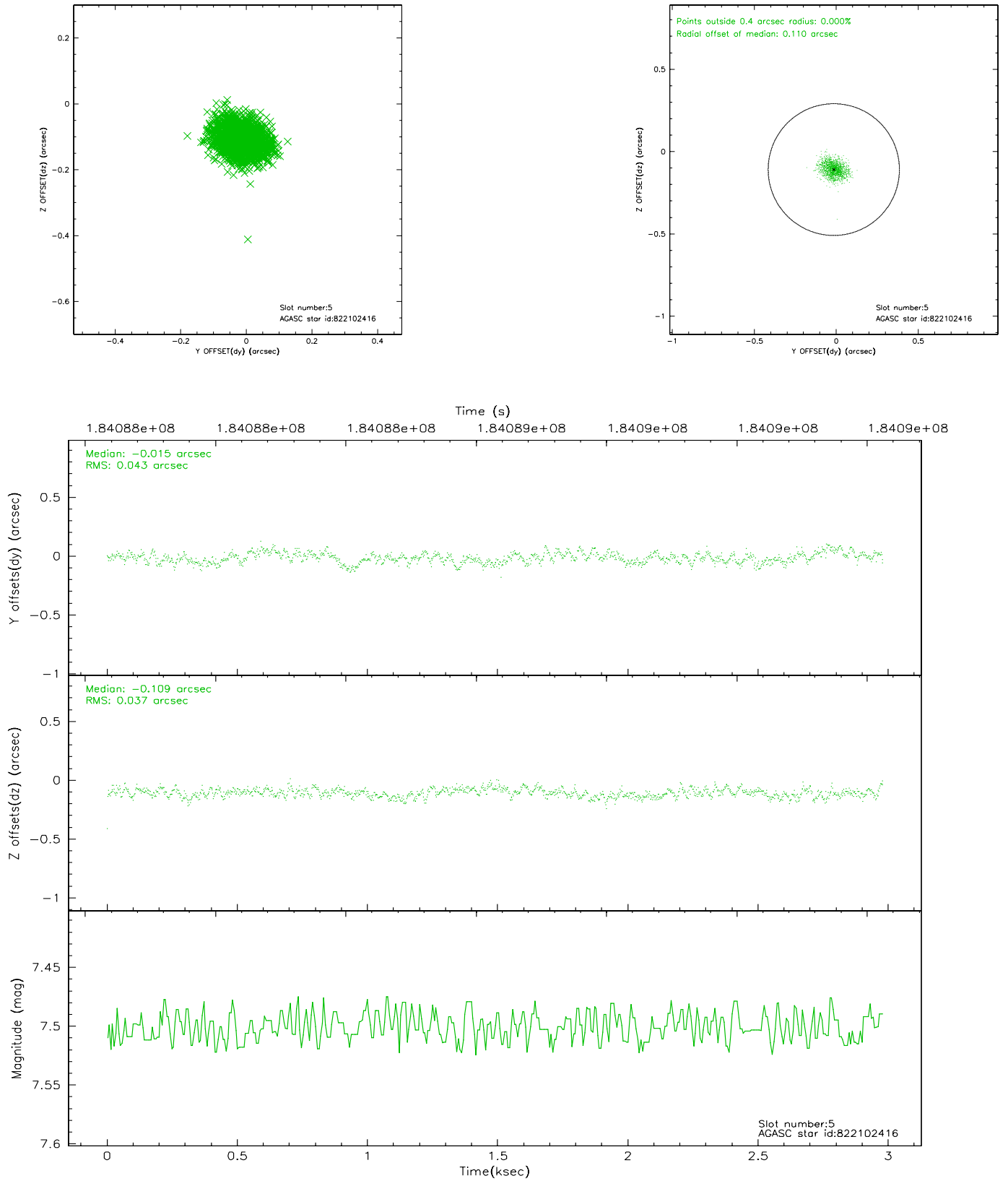
2.4.1 Slot 3



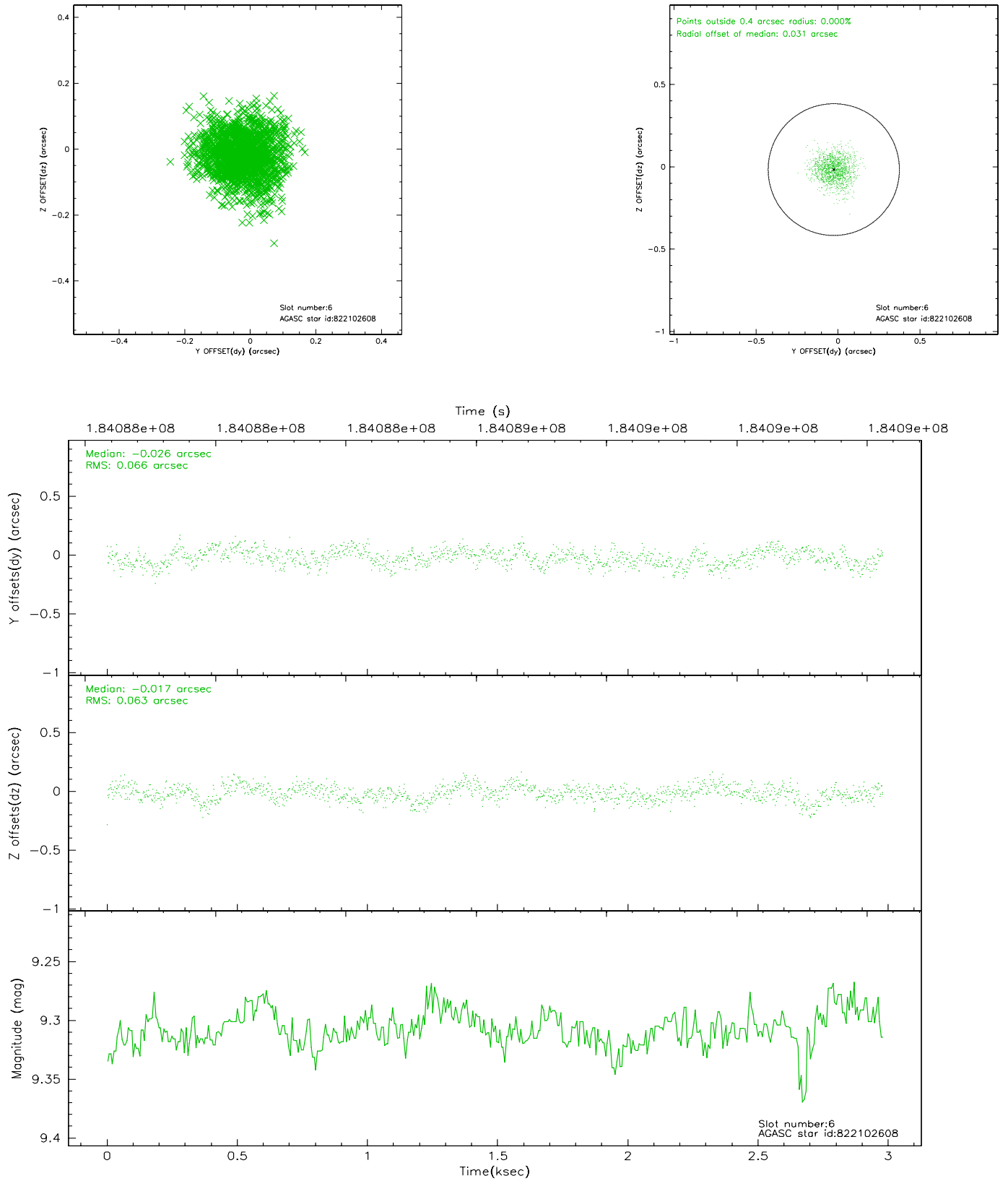
2.4.2 Slot 4



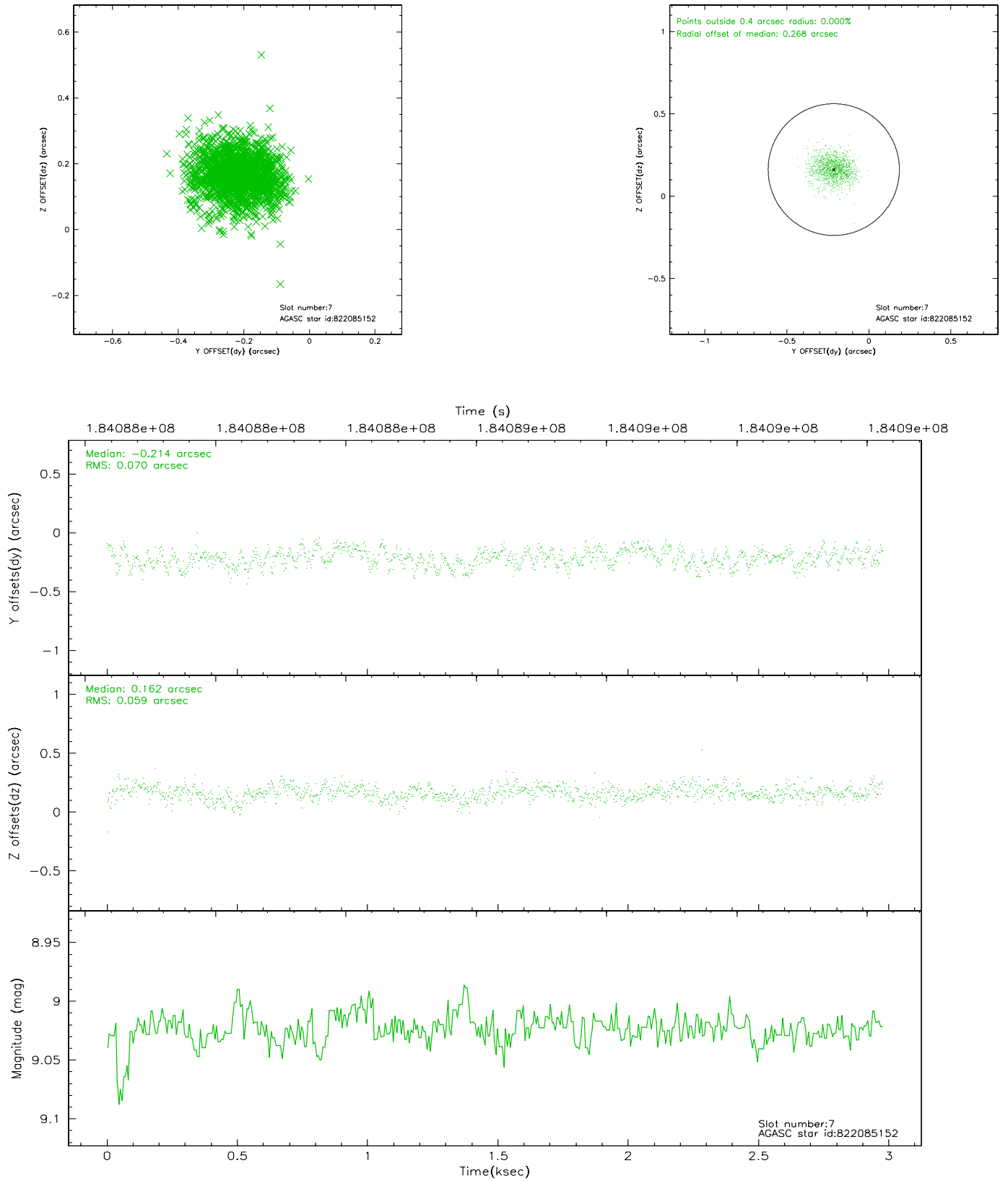
2.4.3 Slot 5



2.4.4 Slot 6

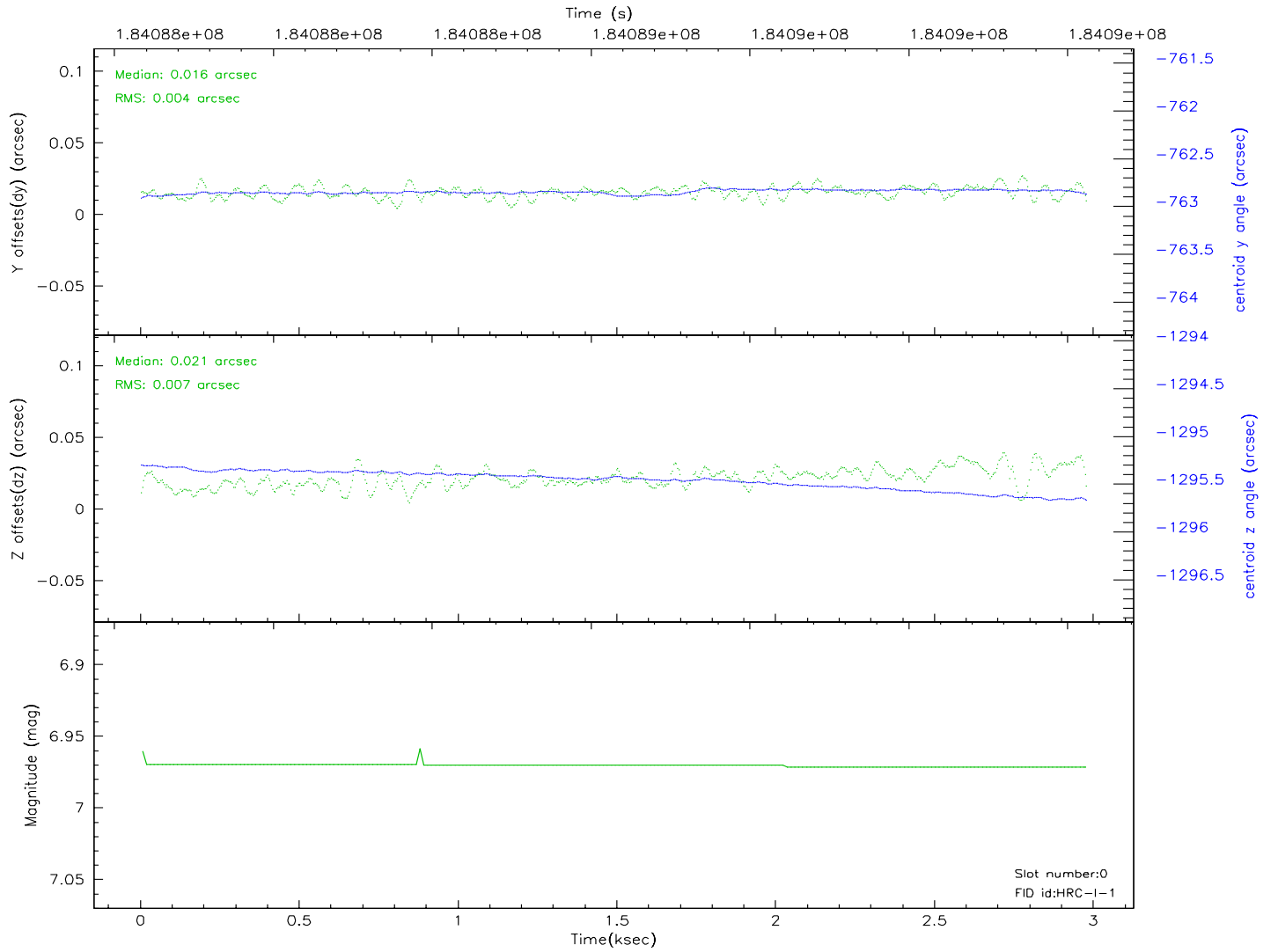
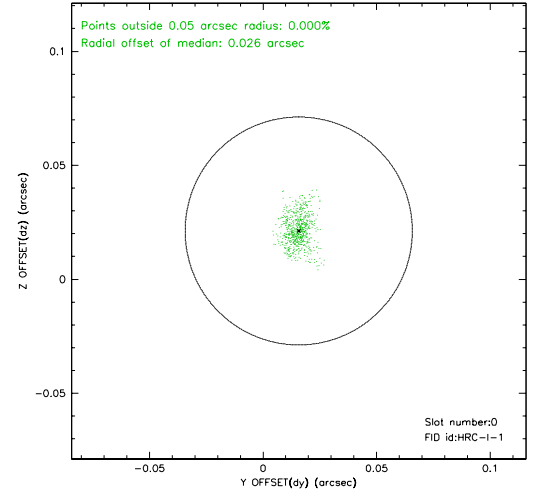
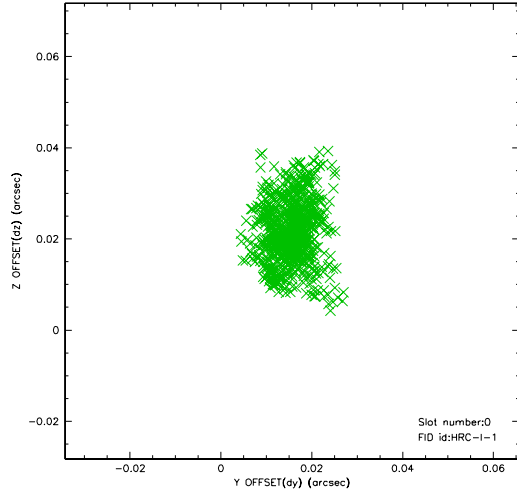


2.4.5 Slot 7

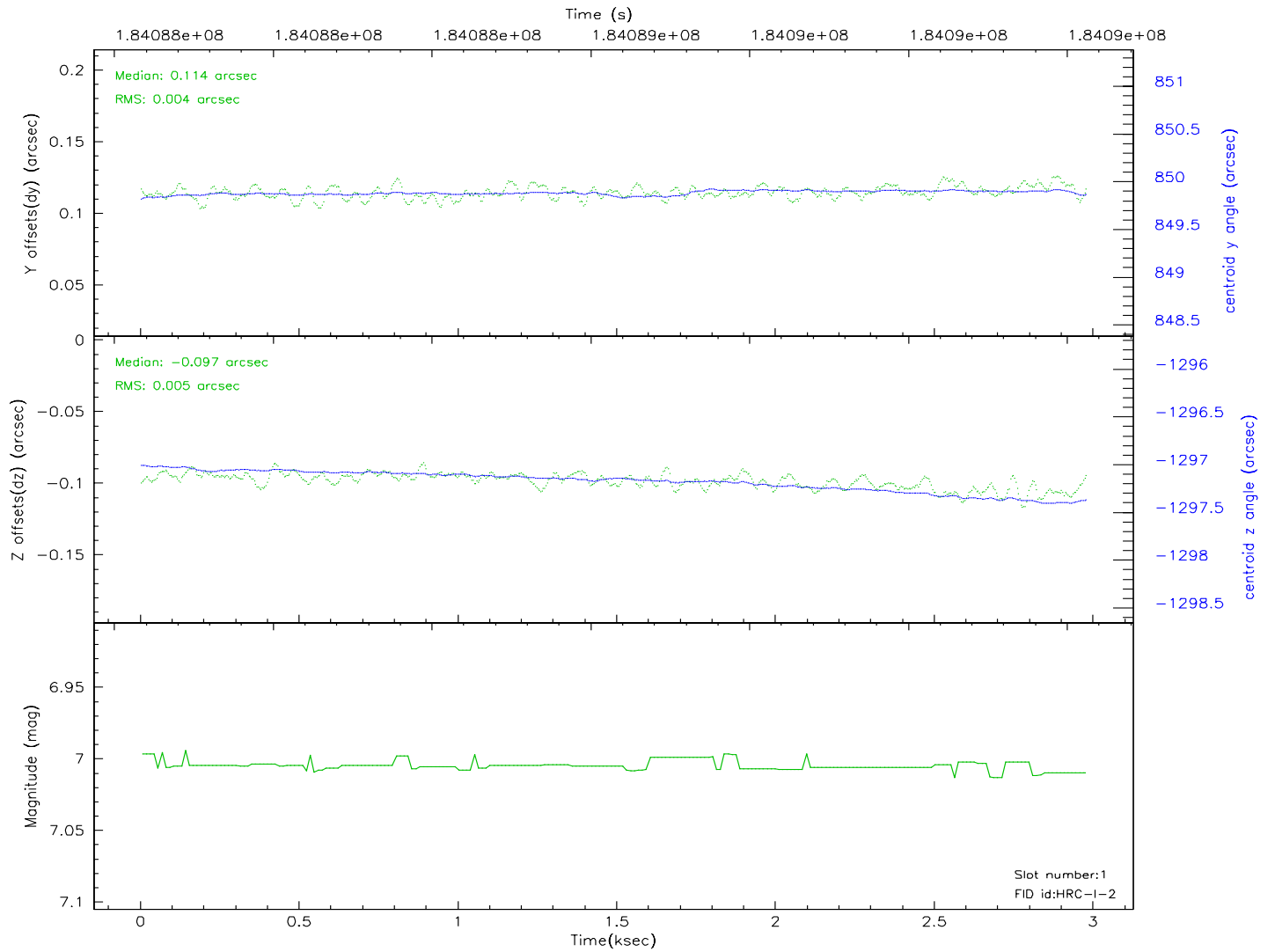
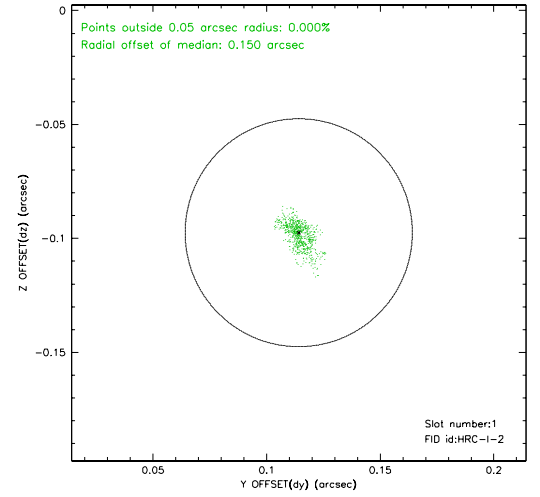
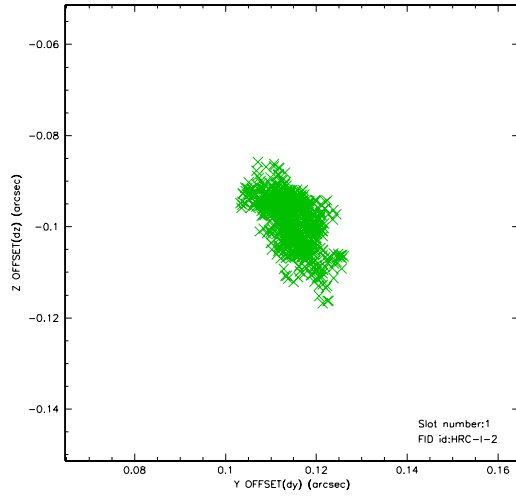


2.5 FID Slots

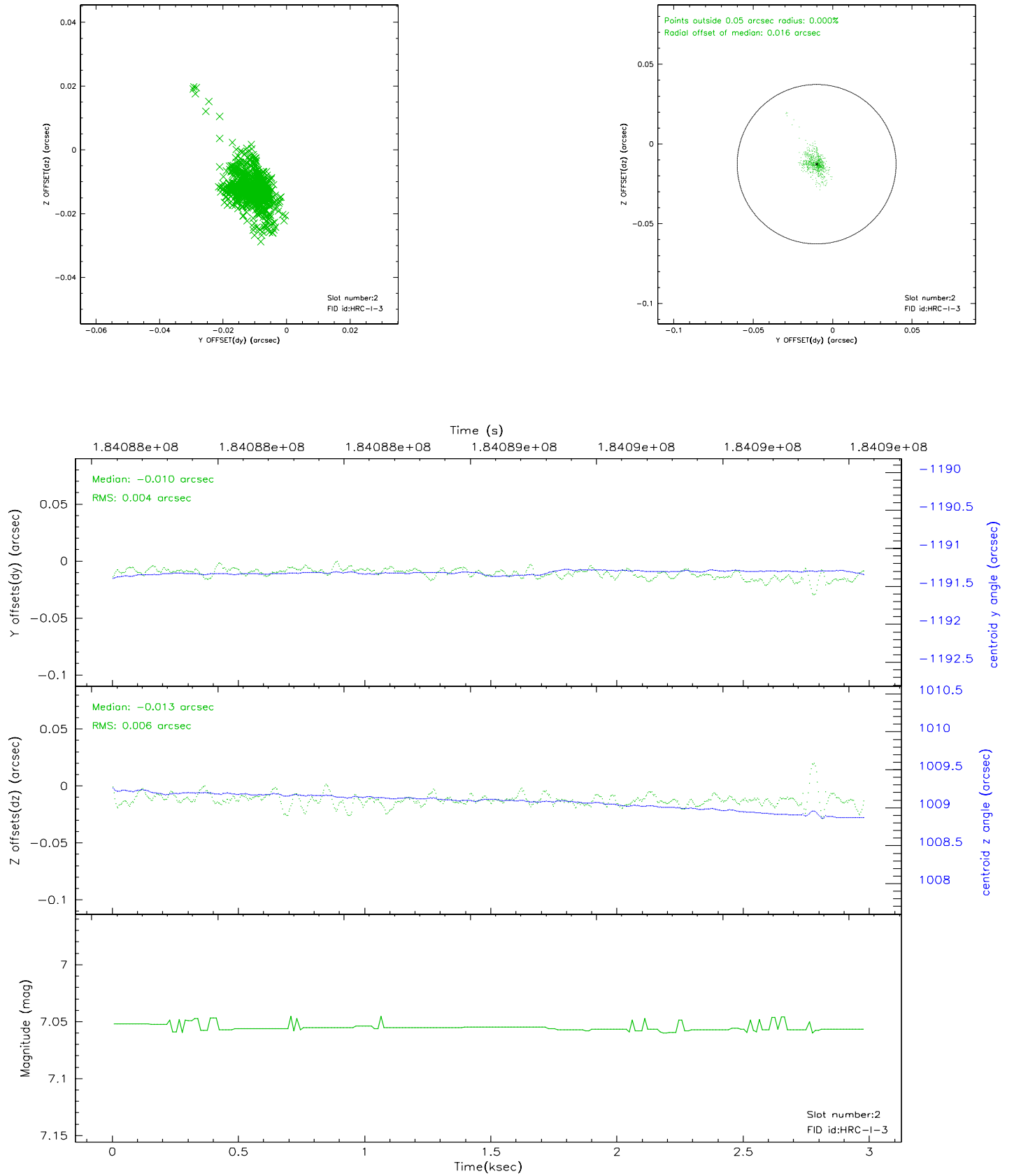
2.5.1 Slot 0



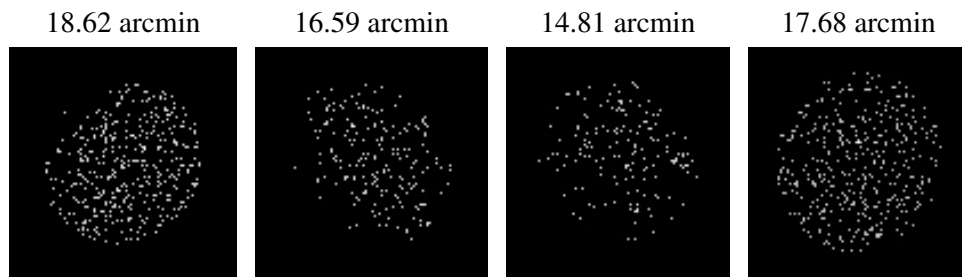
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.12.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.884

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.