

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4593 - L2 Version 3
Chandra X-Ray Center

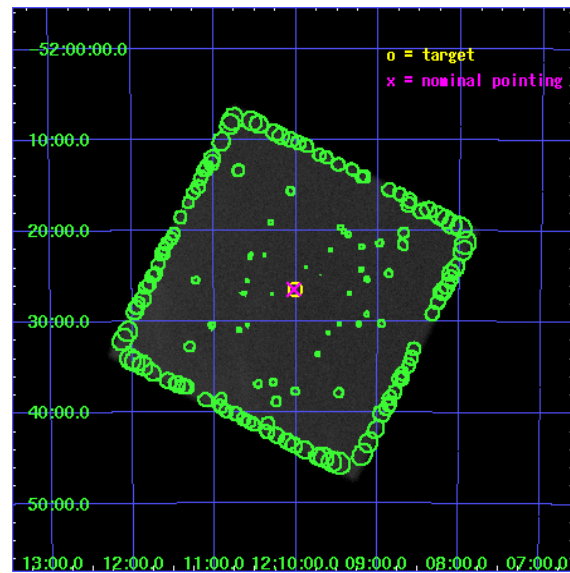
L2 Processing Date : Nov 23 2007

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1 Front

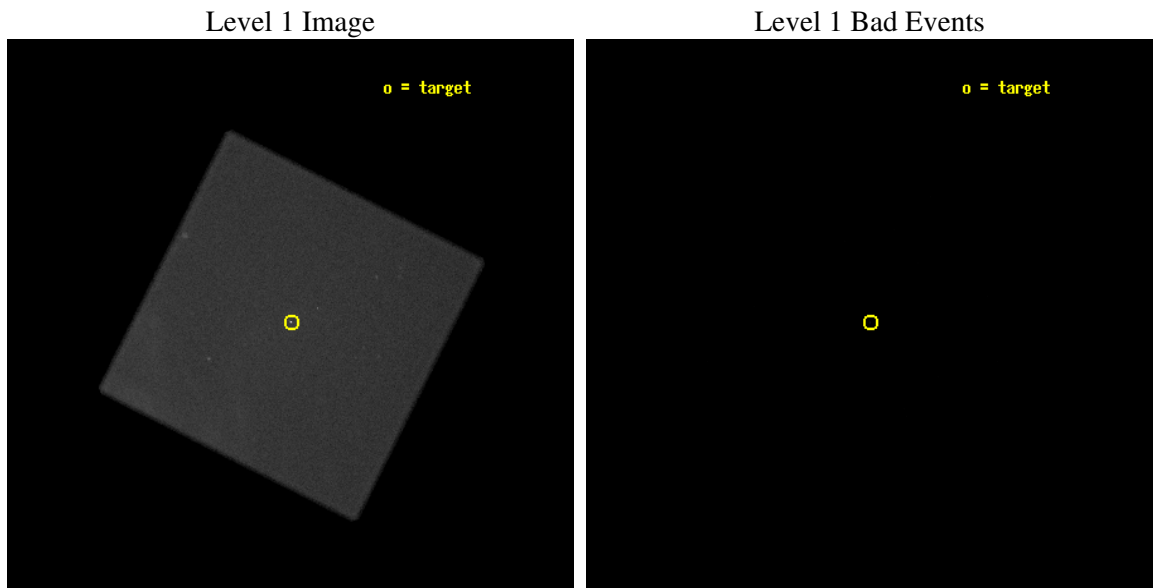
seq_num	500418
obs_id	4593
title	FIRST EPOCH PROPER MOTION STUDIES OF YOUNG NEUTRON STARS IN SUPERNOVA REMNANTS
observer	Dr. Stephen Murray
object	PSR J1210-5226
ra_targ	182.50375
dec_targ	-52.440833
ra_nom	182.50612418429
dec_nom	-52.441668465918
roll_nom	71.723258045909
revision	3
ontime	49982.333423376
livetime	49715.048676486
l2events	1468393



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1
ascdsver	7.6.11.2
caldbver	3.4.1
date	2007-11-23T22:17:03
revision	3

sched_exp_time	50000.000000
ontime	49982.333423376
l1events	2143600

2.1.3 Events

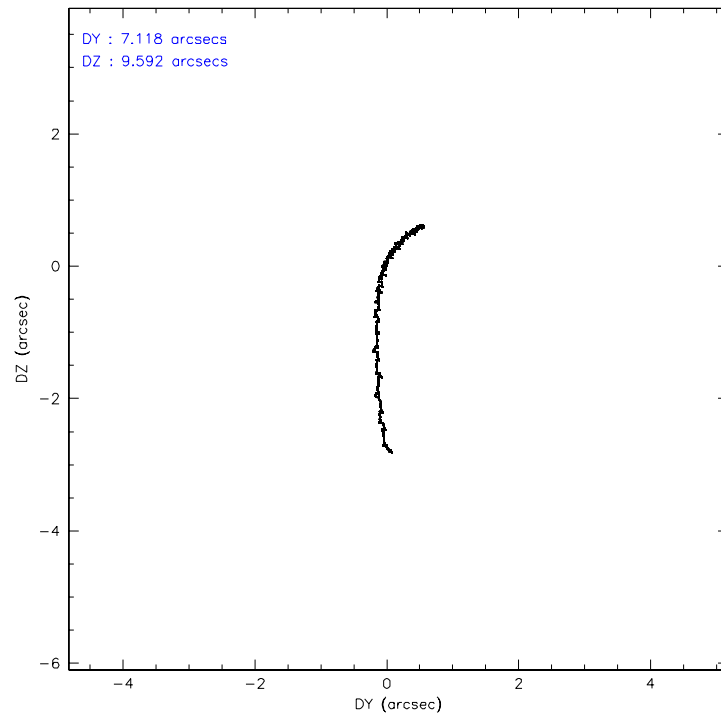
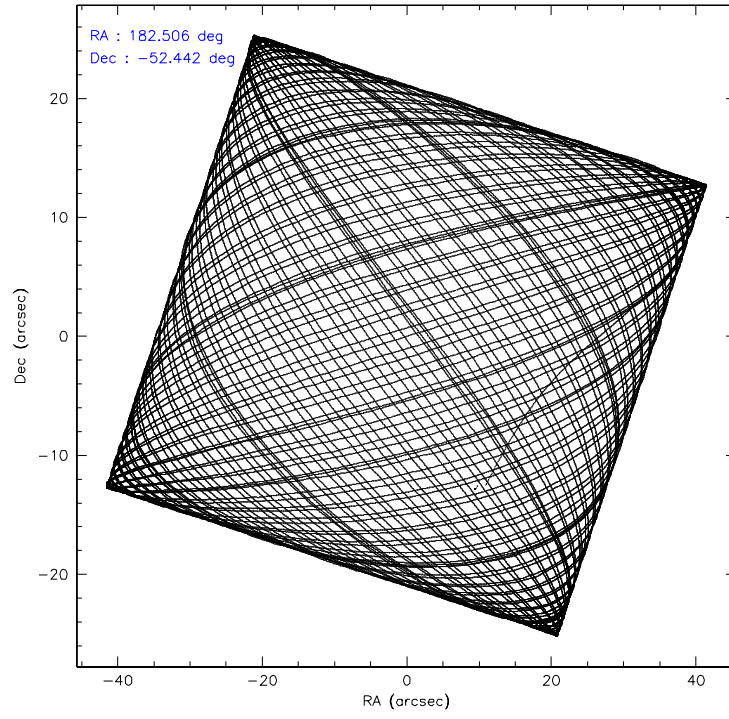
Level 1 Events

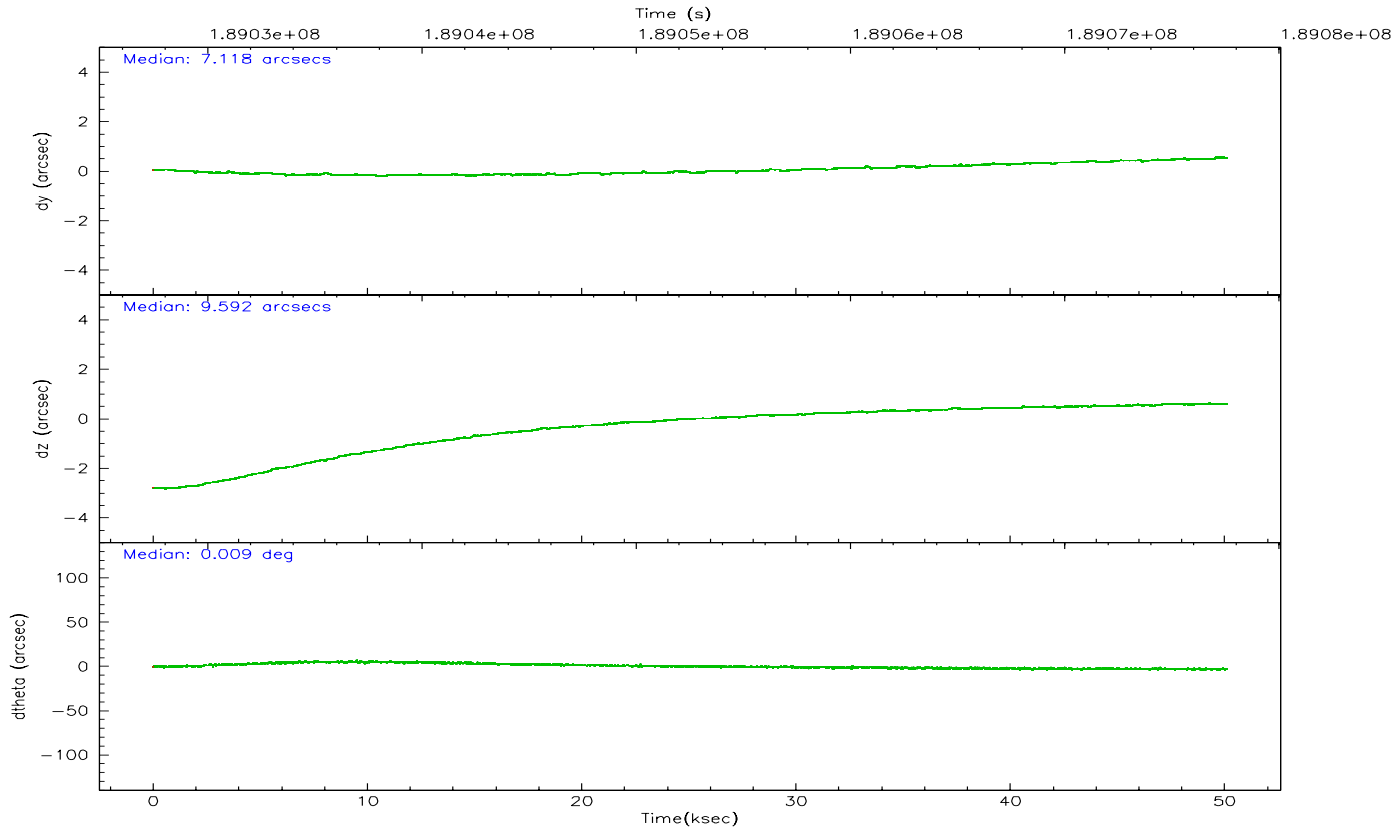
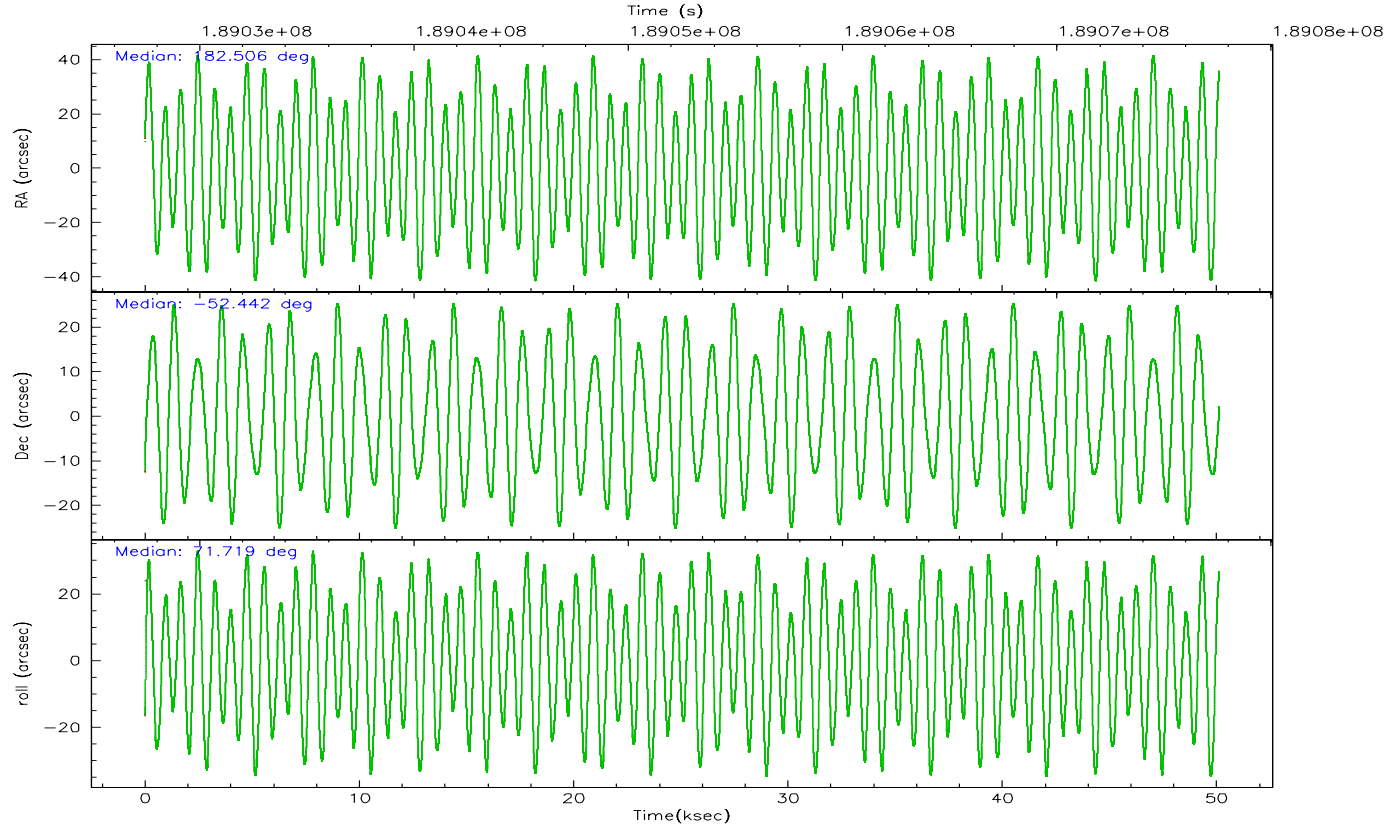
	segment 0
level 1 events	2143600
rejected events	5475
rejected %	0%

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	182.516142	182.5061241842878			
Pointing Dec	-52.468048	-52.4416684659183			
Pointing Roll	71.826700	71.72325804590852			
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	189027561.184000	189026658.26096			
Observation start date	2003-12-28T19:38:17	2003-12-28T19:24:18			
Observation end time	189077561.184000	189078340.81321			
Observation end date	2003-12-29T09:31:37	2003-12-29T09:45:40			

2.3 Aspect



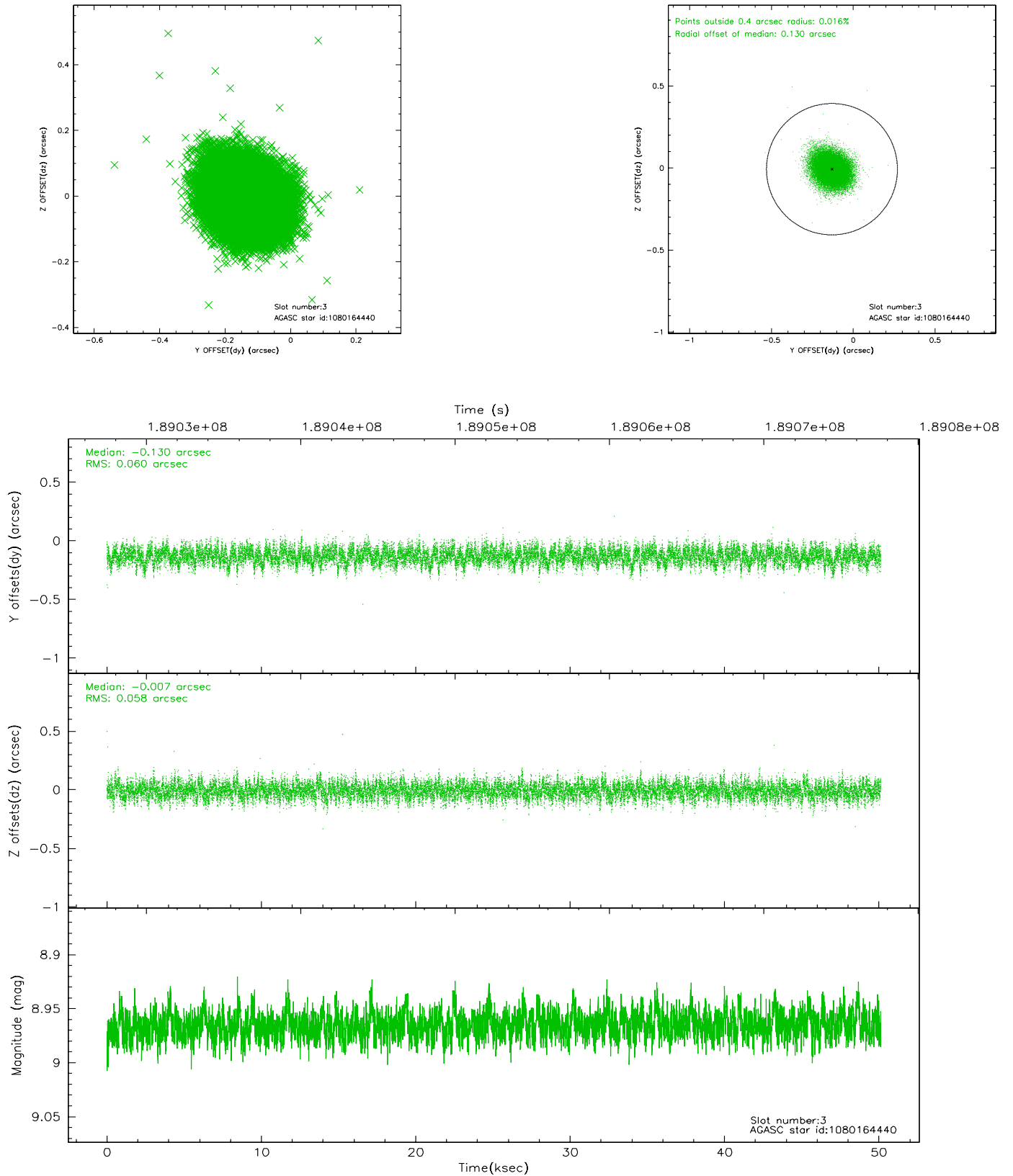


Slot Statistics

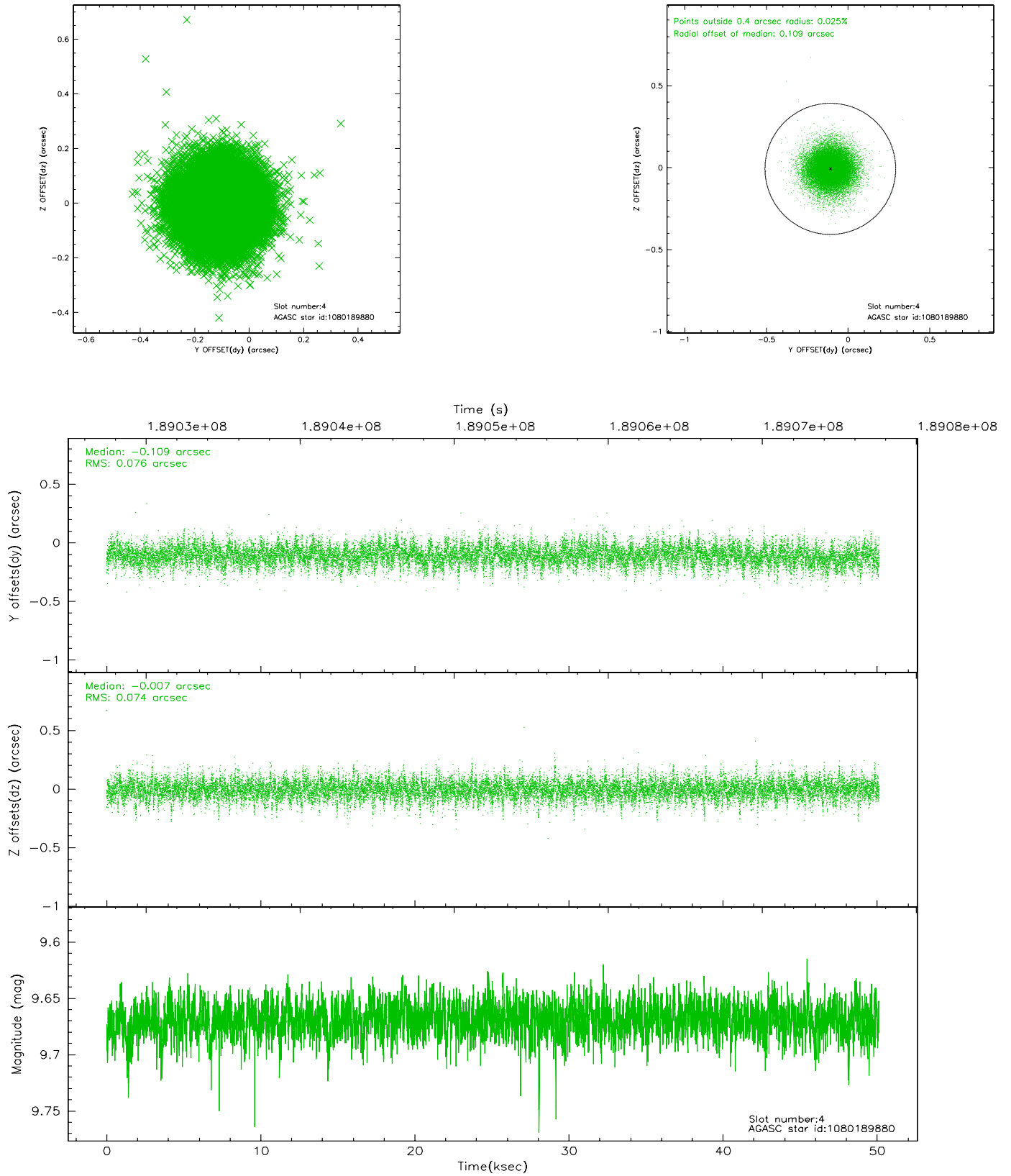
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	12226	-0.003	0.035	0.021	0.047	0.000000	0.000000	-762.79	-1297.05
1	FID	HRC-I-2	7.01	12226	0.098	-0.060	0.023	0.047	0.000000	0.000000	849.88	-1298.84
2	FID	HRC-I-3	7.06	12226	0.027	-0.066	0.026	0.074	0.000000	0.000000	-1191.16	1007.33
3	GUIDE	1080164440	8.97	24436	-0.130	-0.007	0.089	0.144	181.986340	-52.264623	327.62	1336.46
4	GUIDE	1080189880	9.67	24413	-0.109	-0.007	0.111	0.186	182.794721	-51.898848	2138.88	51.30
5	GUIDE	1131421616	9.22	24444	0.078	-0.095	0.091	0.147	182.273623	-52.784412	-1247.29	146.34
6	GUIDE	1131423616	8.86	24441	0.074	0.110	0.079	0.129	182.073492	-52.590429	-723.21	781.83
7	GUIDE	1131424824	9.25	24433	0.088	0.002	0.092	0.150	181.758646	-52.547110	-795.78	1484.36

2.4 Star Slots

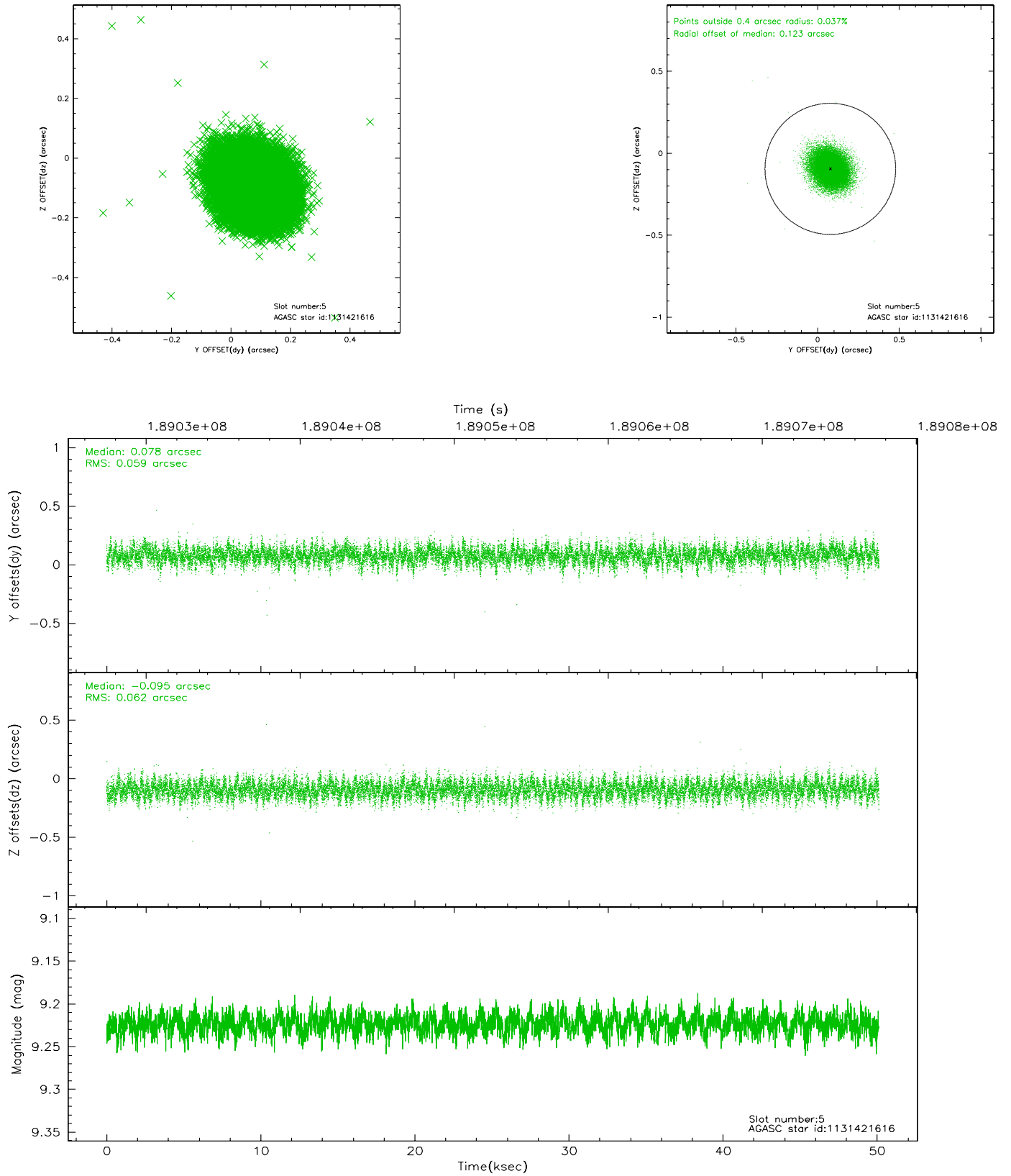
2.4.1 Slot 3



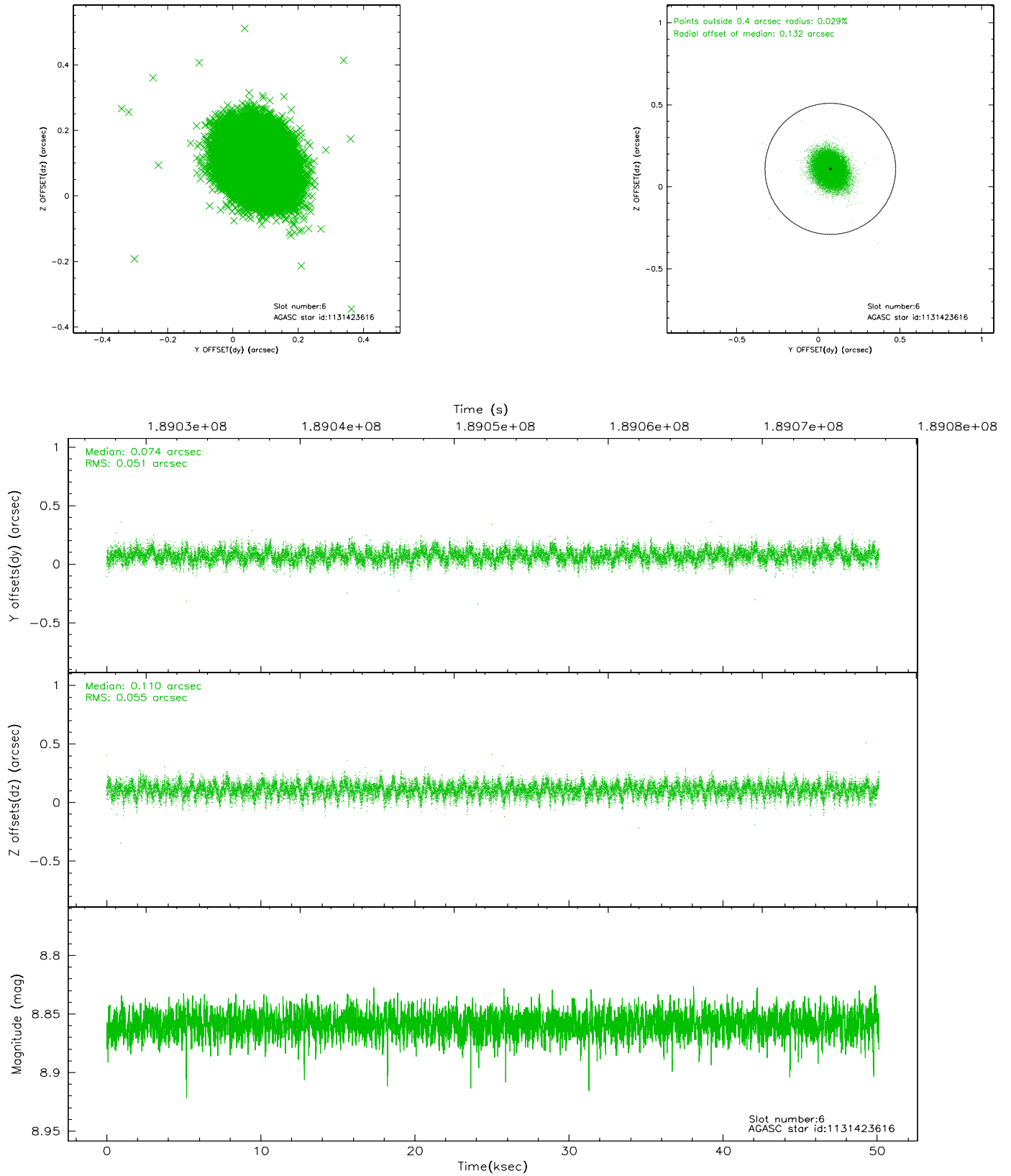
2.4.2 Slot 4



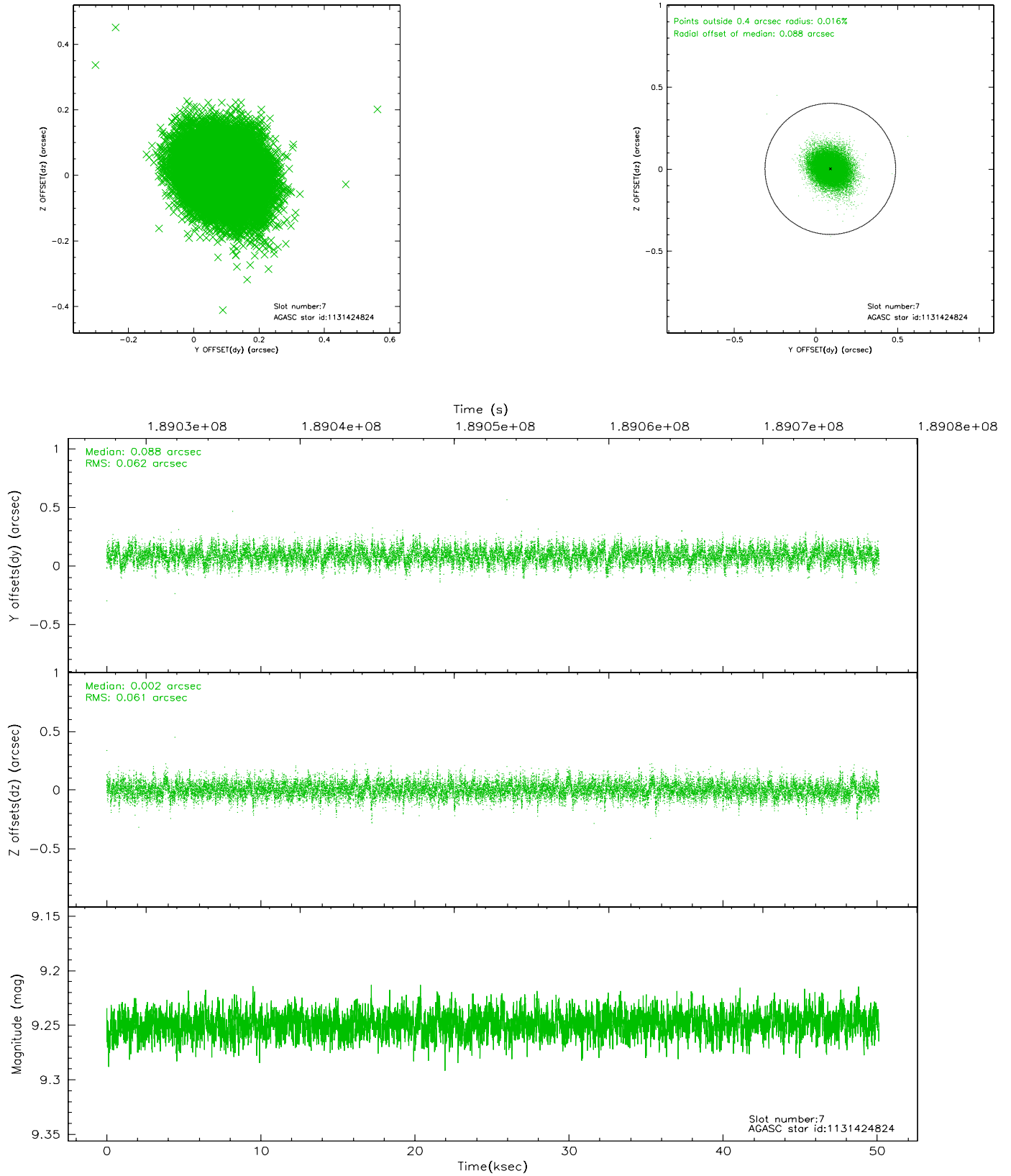
2.4.3 Slot 5



2.4.4 Slot 6

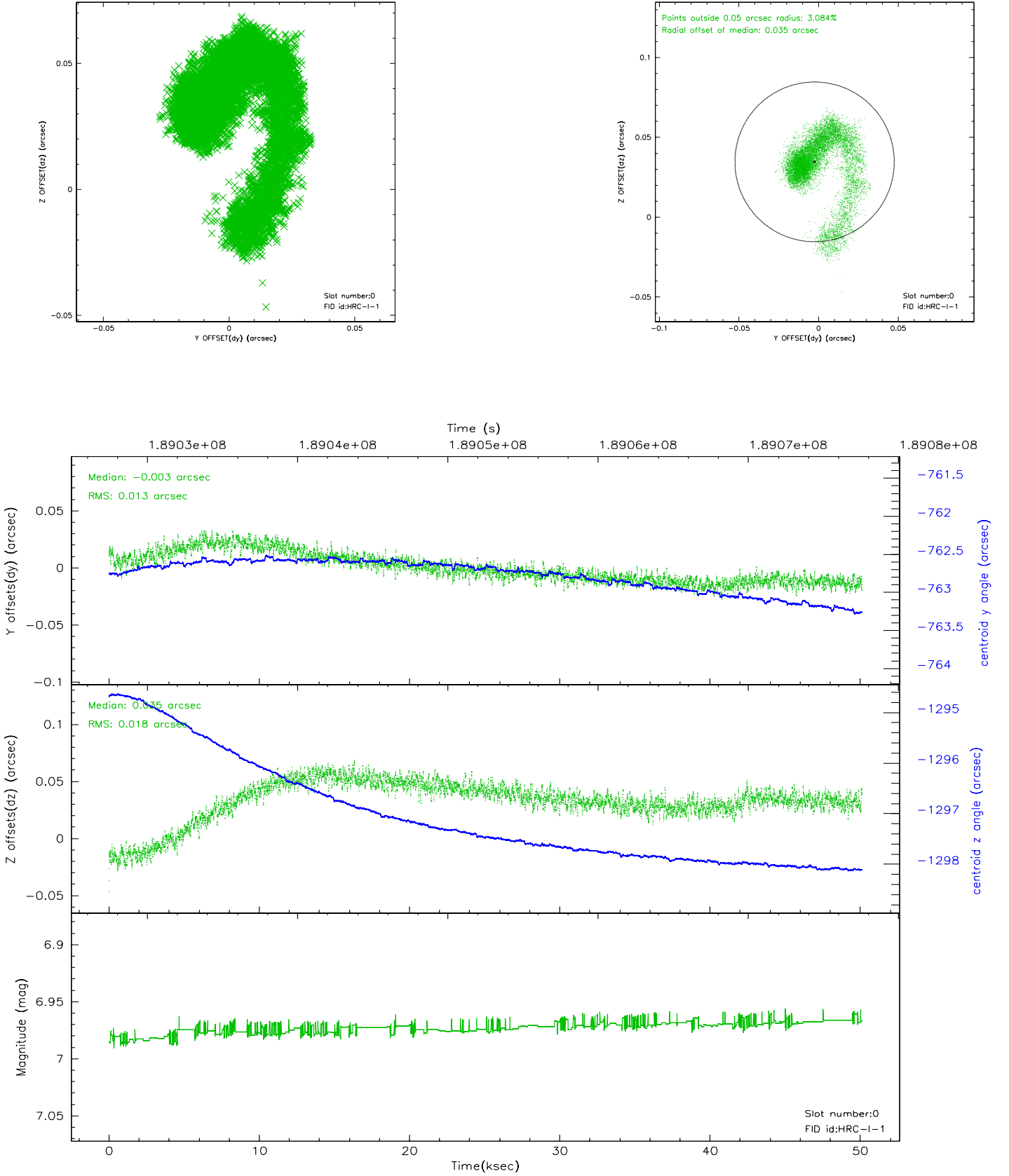


2.4.5 Slot 7

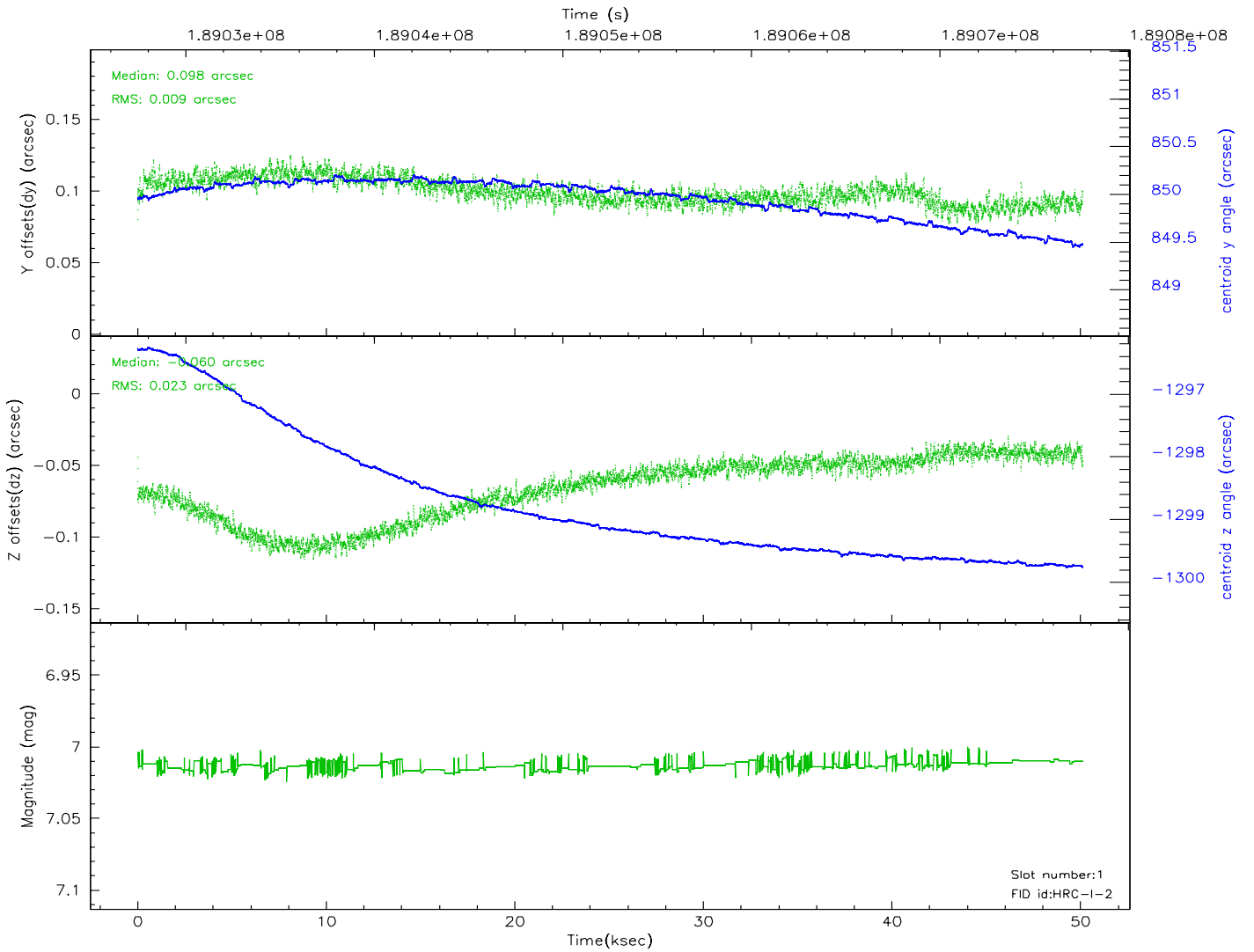
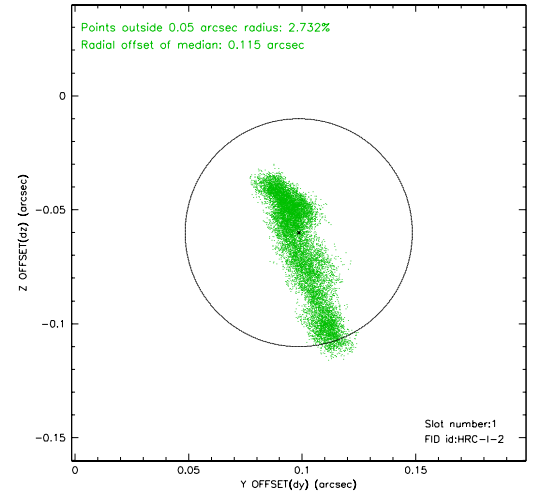
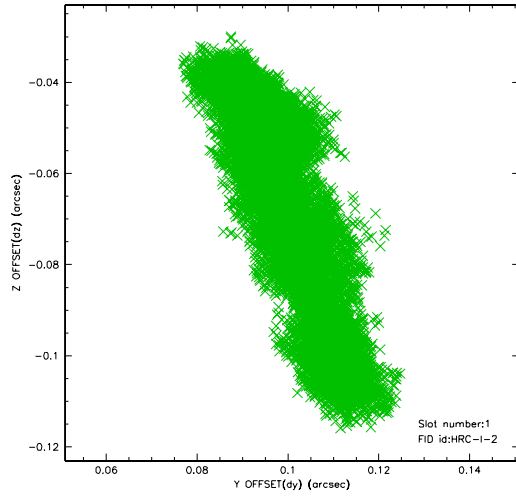


2.5 FID Slots

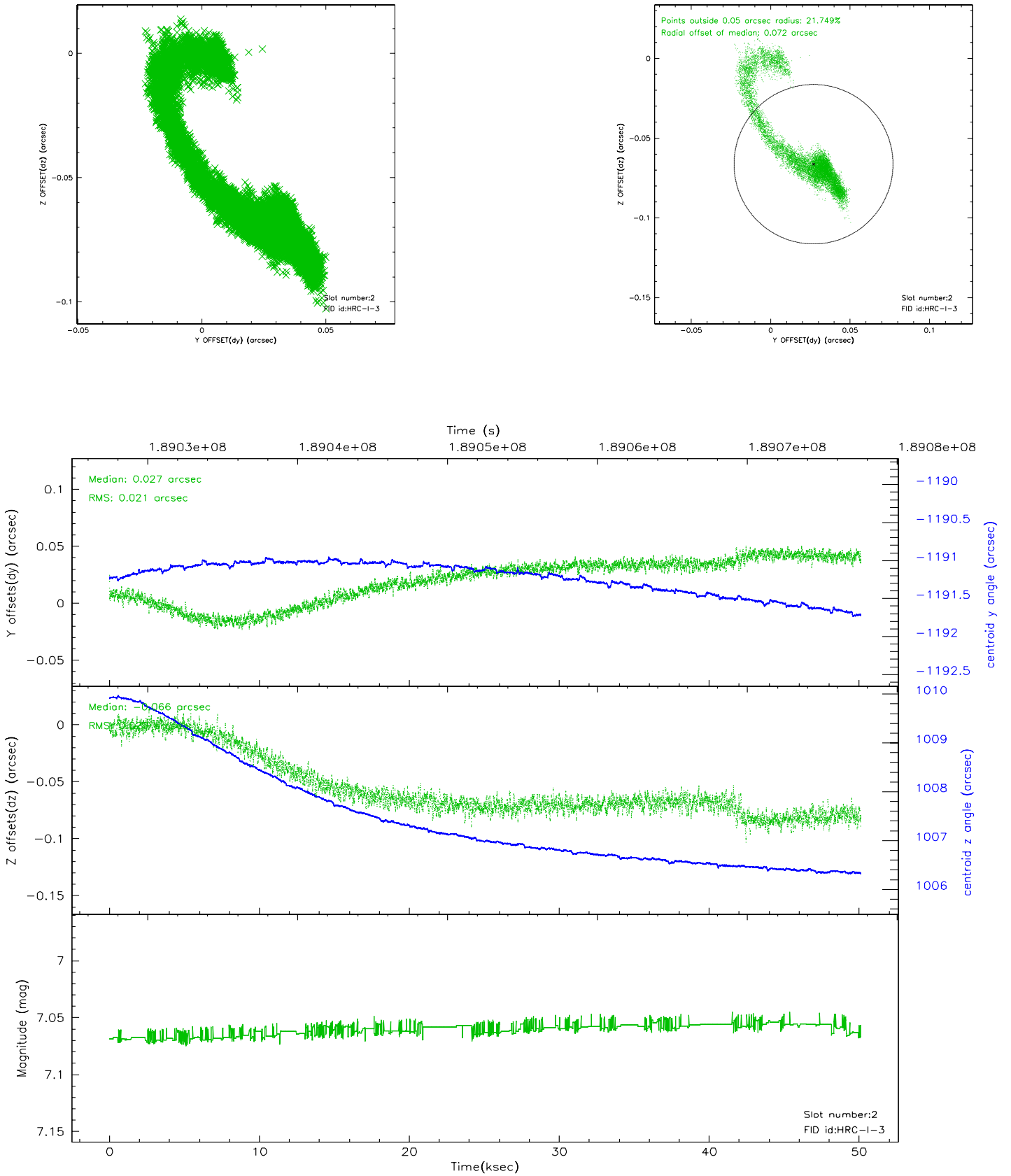
2.5.1 Slot 0



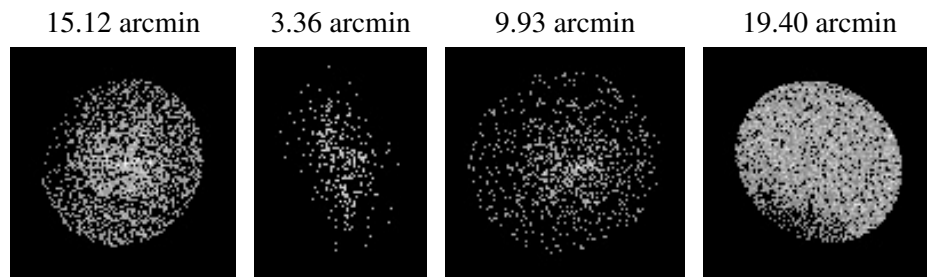
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.12.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	49.982

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.