

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 5508 - L2 Version 3
Chandra X-Ray Center

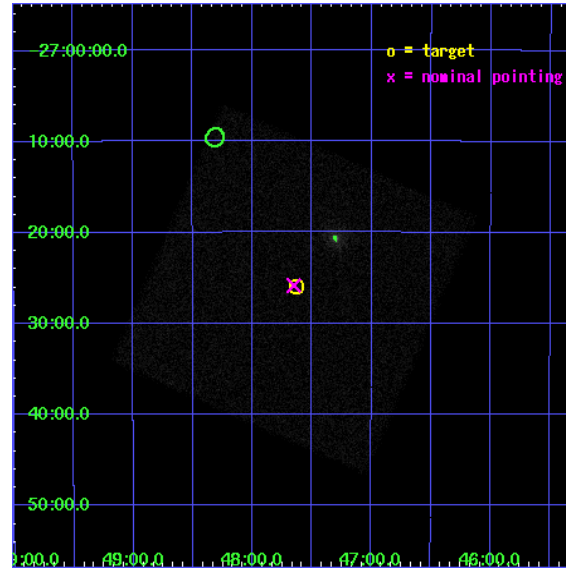
L2 Processing Date : Nov 24 2007

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1 Front

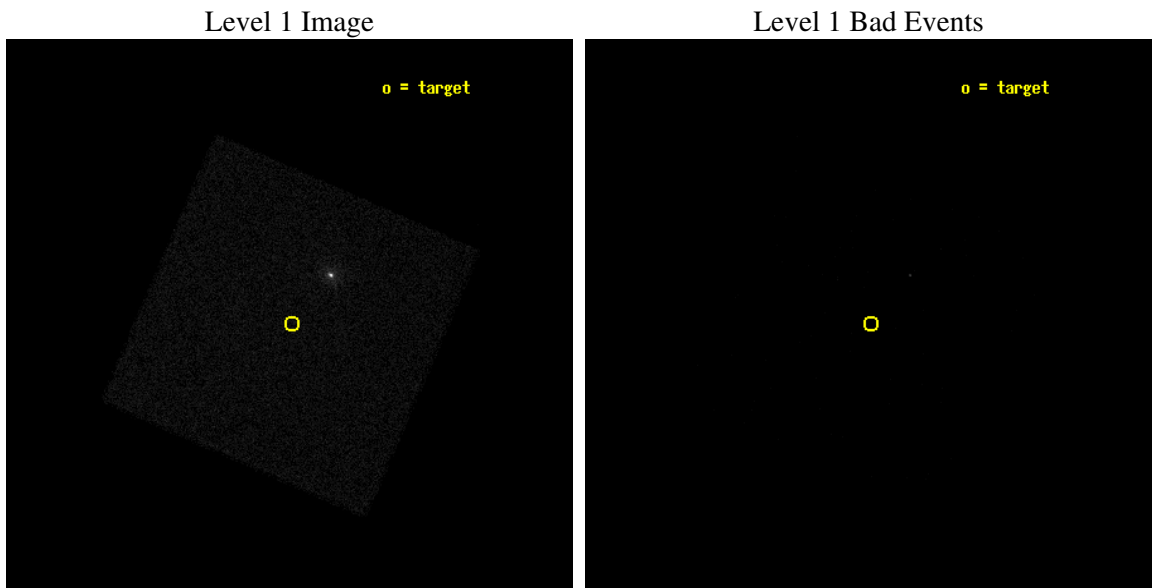
seq_num	400438
obs_id	5508
title	Precise Localization of Neutron Star Soft X-ray Transients
observer	Prof. Deepto Chakrabarty
object	XTE J1747-274
ra_targ	266.908333
dec_targ	-27.433333
ra_nom	266.91276794151
dec_nom	-27.430713882625
roll_nom	68.585991492348
revision	3
ontime	1118.2750509977
livetime	1109.7133109288
l2events	50514



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	2007-11-24T15:37:08
revision	3

sched_exp_time	1000.000000
ontime	1118.2750509977
l1events	153439

2.1.3 Events

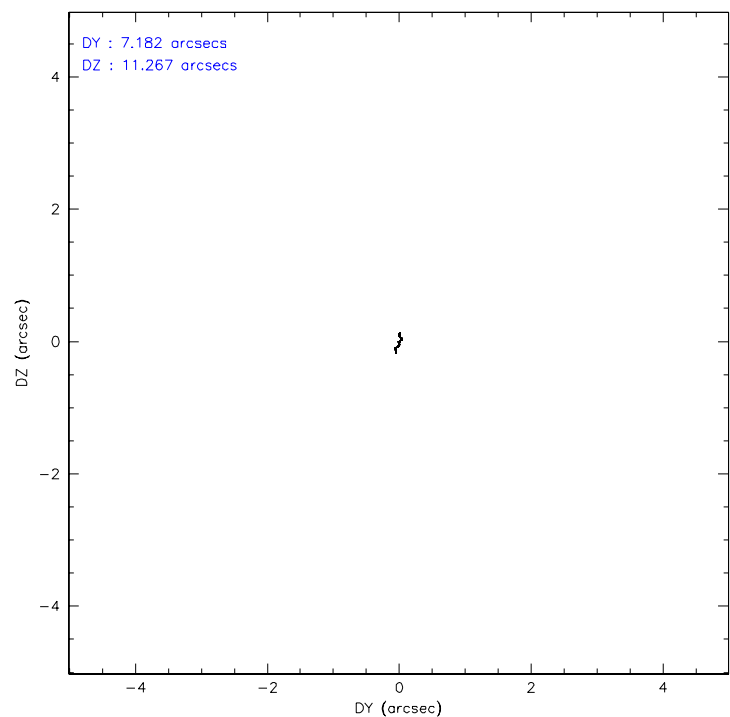
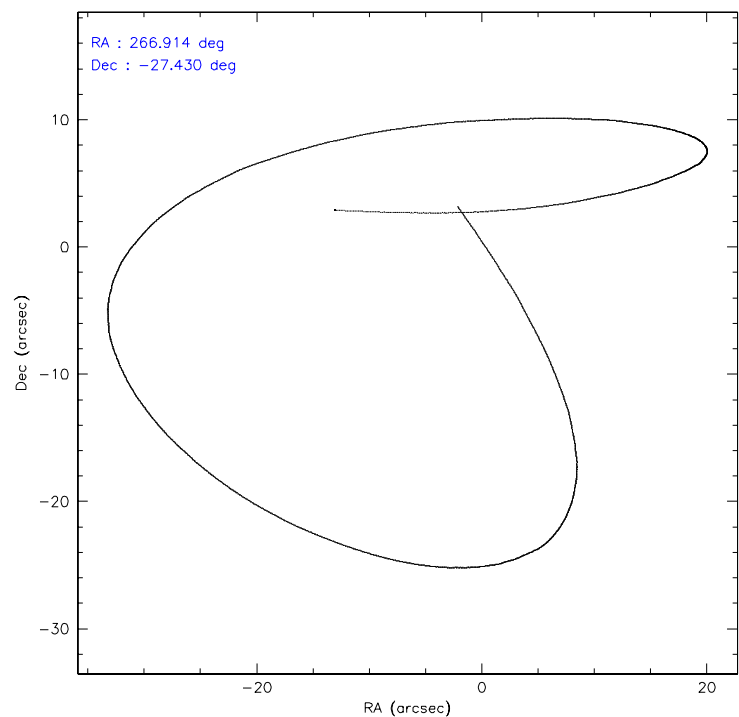
Level 1 Events

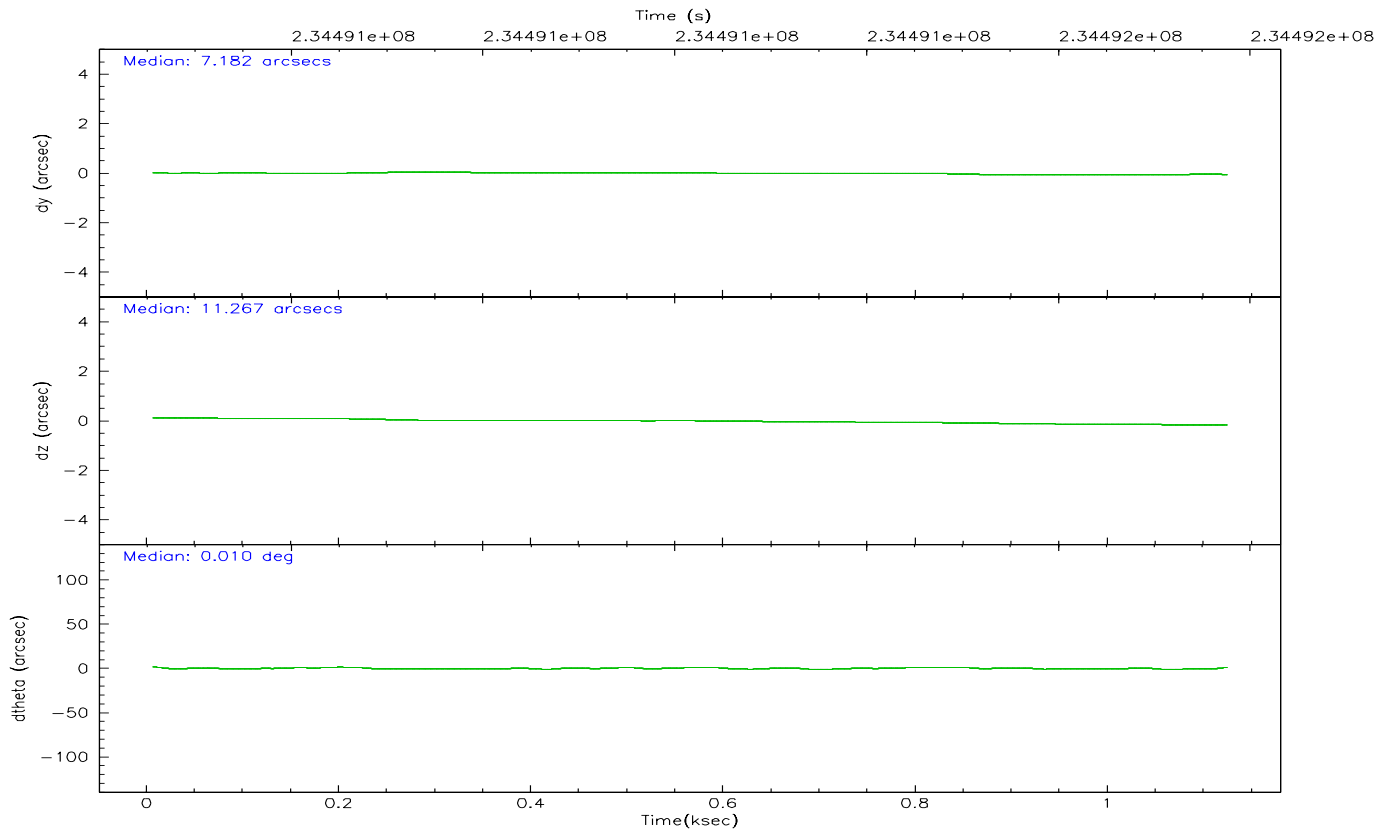
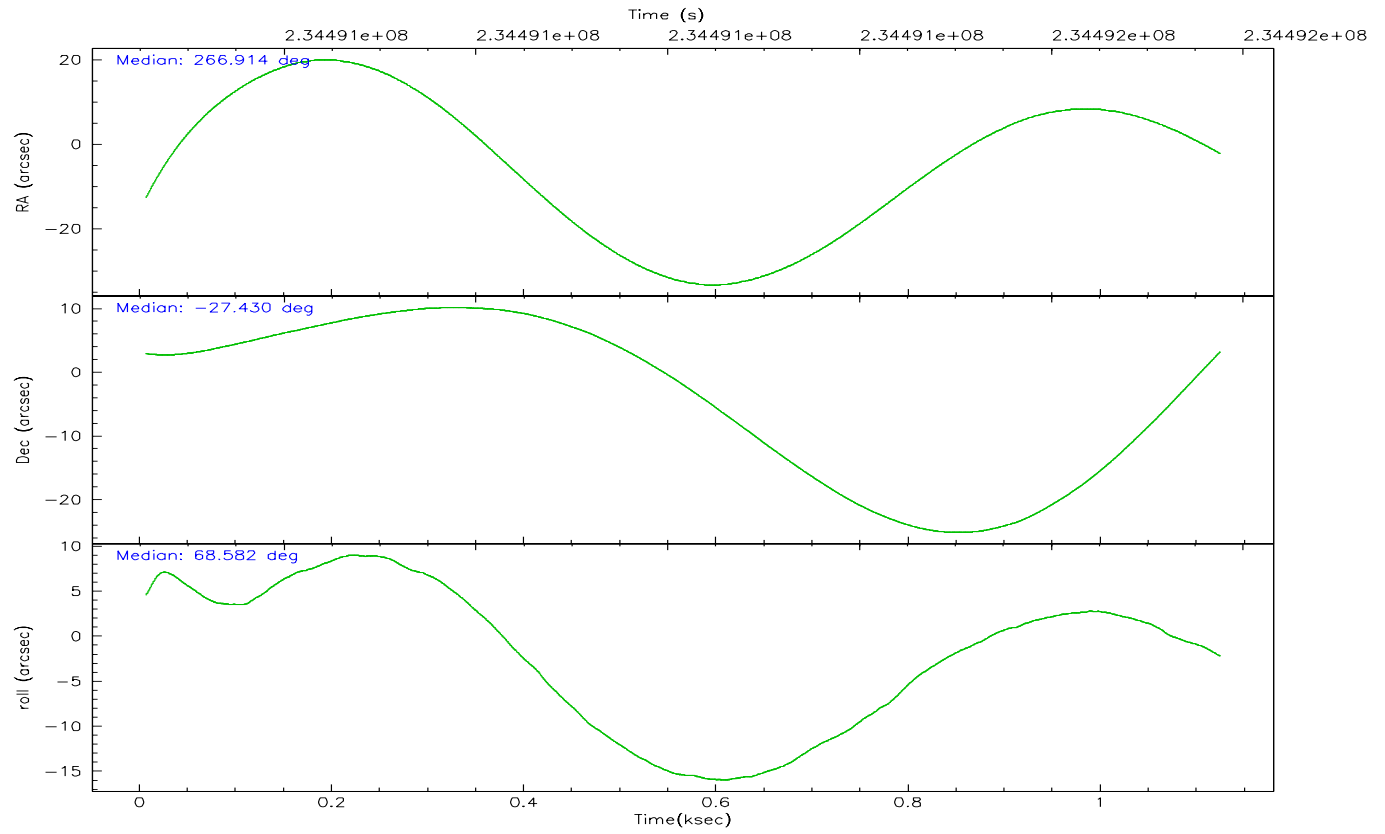
	segment 0
level 1 events	153439
rejected events	81000
rejected %	52%

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	266.916855	266.9127679415085			
Pointing Dec	-27.457040	-27.43071388262529			
Pointing Roll	68.683194	68.58599149234786			
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	234490781.184000	234489397.02727			
Observation start date	2005-06-07T00:18:37	2005-06-06T23:56:37			
Observation end time	234491781.184000	234492444.86491			
Observation end date	2005-06-07T00:35:17	2005-06-07T00:47:24			

2.3 Aspect



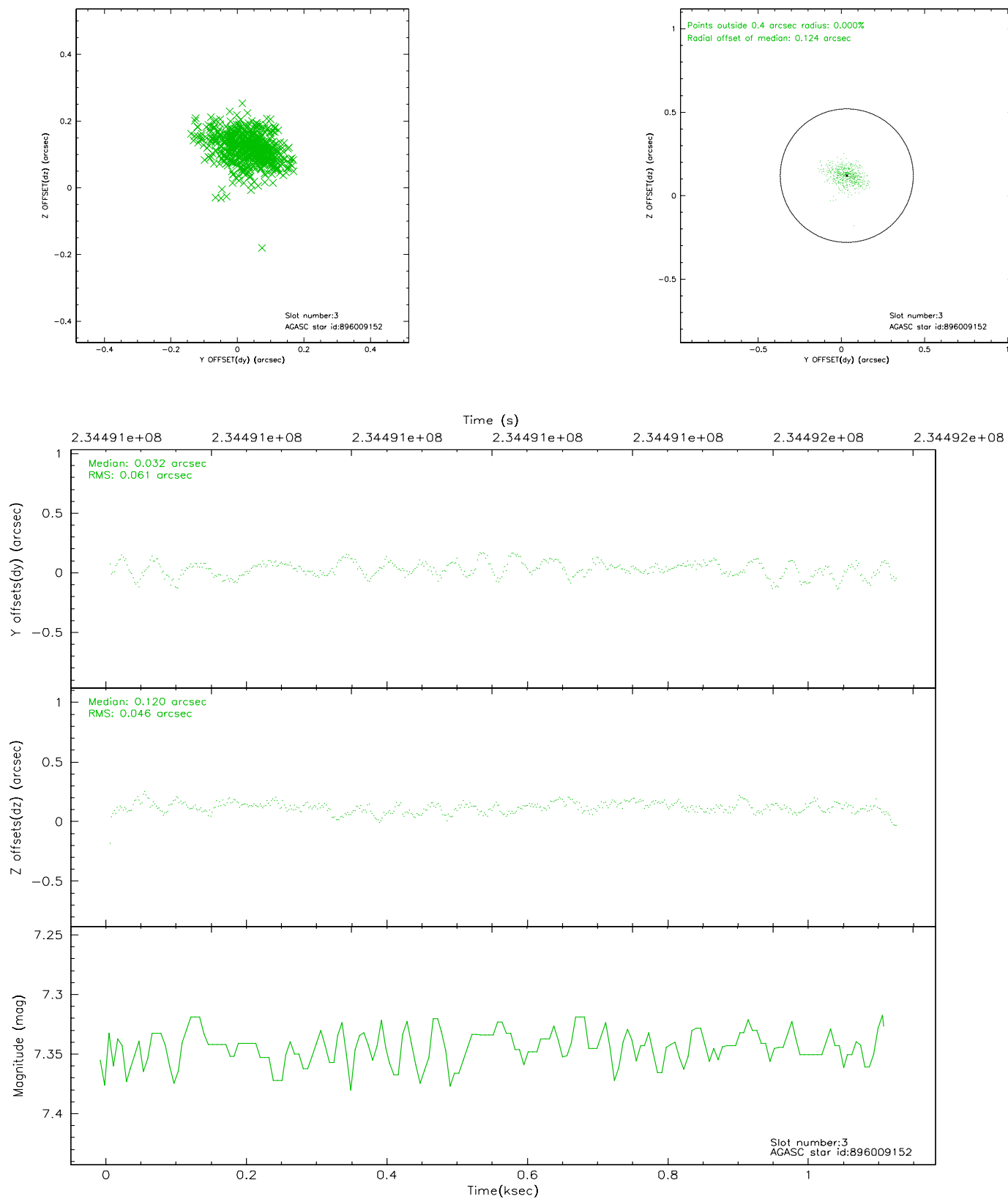


Slot Statistics

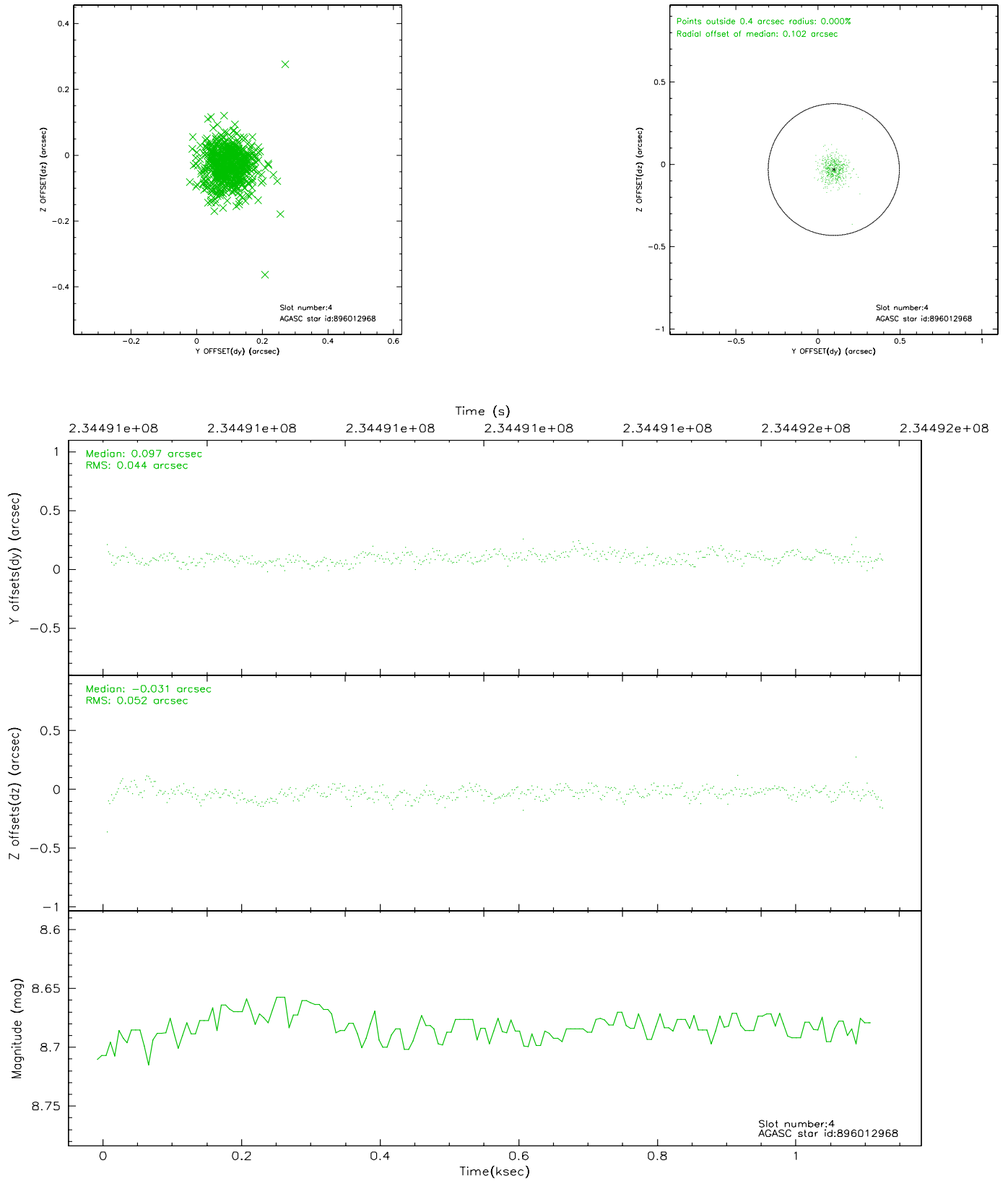
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.02	273	0.011	-0.018	0.008	0.014	0.000000	0.000000	-762.79	-1299.21
1	FID	HRC-I-3	7.10	273	-0.046	-0.062	0.008	0.015	0.000000	0.000000	-1194.06	1000.56
2	FID	HRC-I-4	7.06	273	0.149	-0.008	0.006	0.010	0.000000	0.000000	1275.83	1006.58
3	GUIDE	896009152	7.34	547	0.032	0.120	0.079	0.135	267.588100	-27.061669	2102.80	-1485.12
4	GUIDE	896012968	8.68	547	0.097	-0.031	0.068	0.115	266.634547	-27.600471	-805.48	652.18
5	GUIDE	896013040	7.35	547	-0.074	-0.115	0.077	0.114	266.506589	-26.972299	1143.51	1865.07
6	GUIDE	896014528	7.67	547	-0.036	-0.098	0.050	0.080	266.628858	-27.438607	-271.66	888.26
7	GUIDE	896540888	7.90	546	-0.017	0.127	0.063	0.101	267.212234	-28.246138	-2307.30	-1900.25

2.4 Star Slots

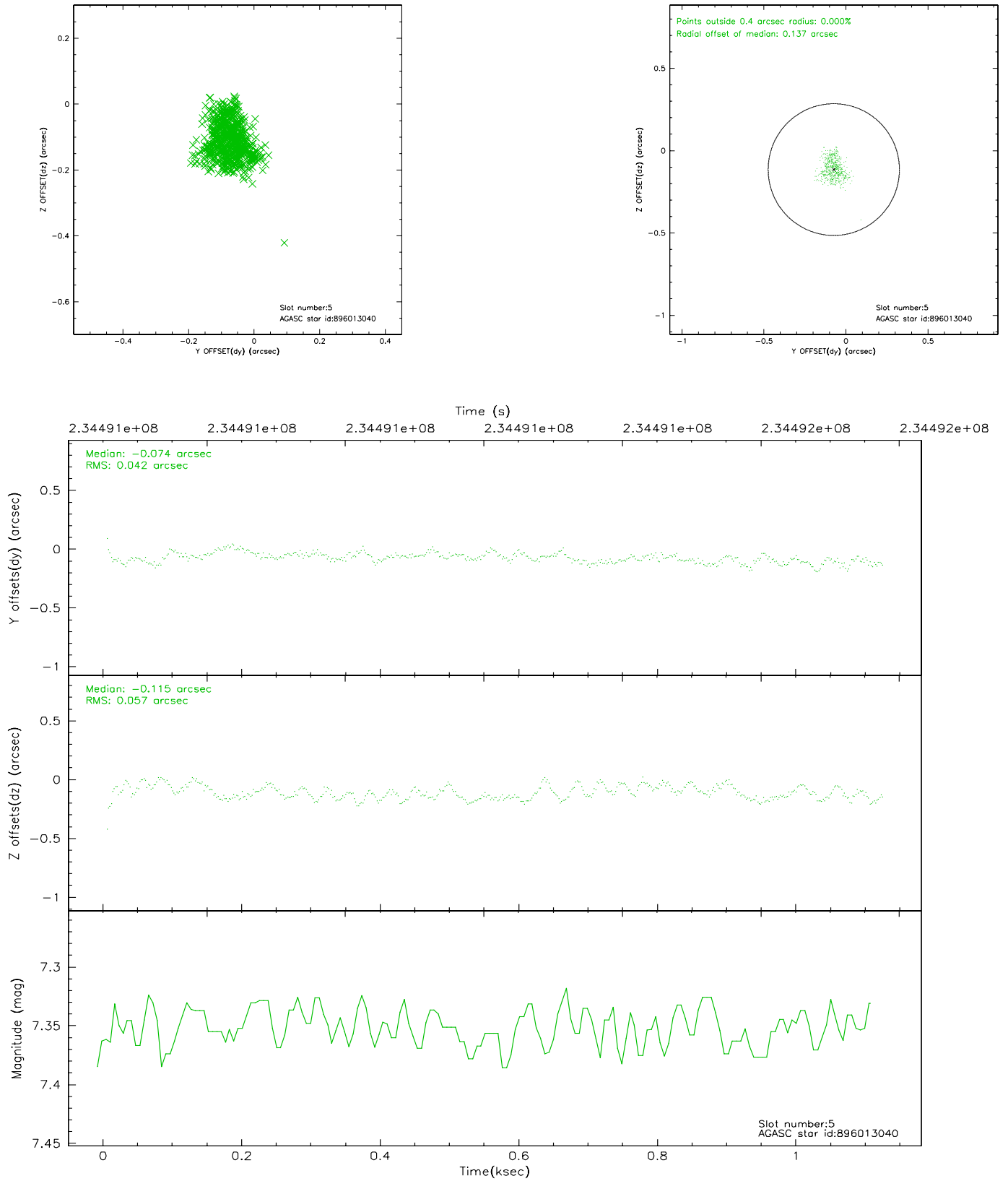
2.4.1 Slot 3



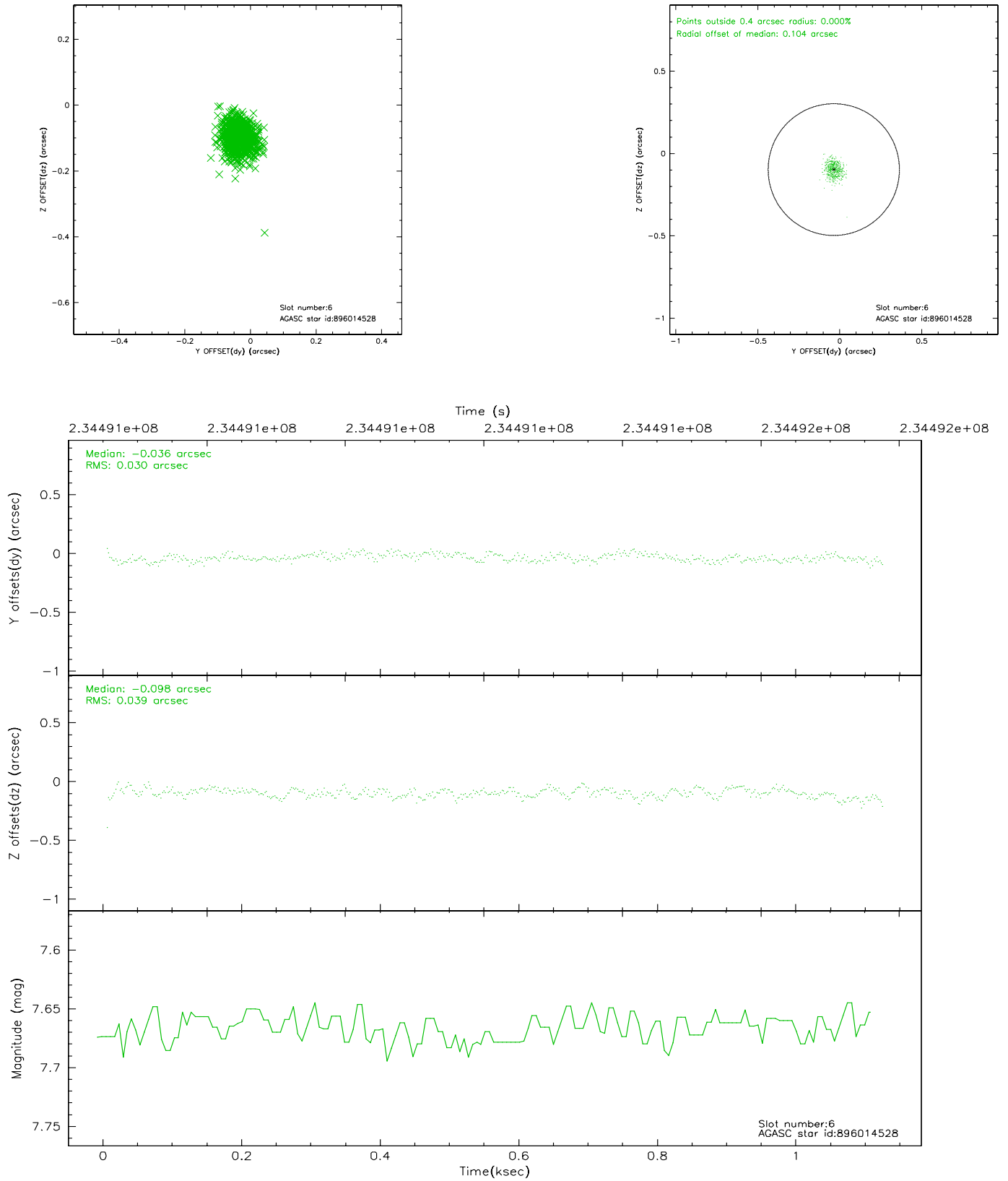
2.4.2 Slot 4



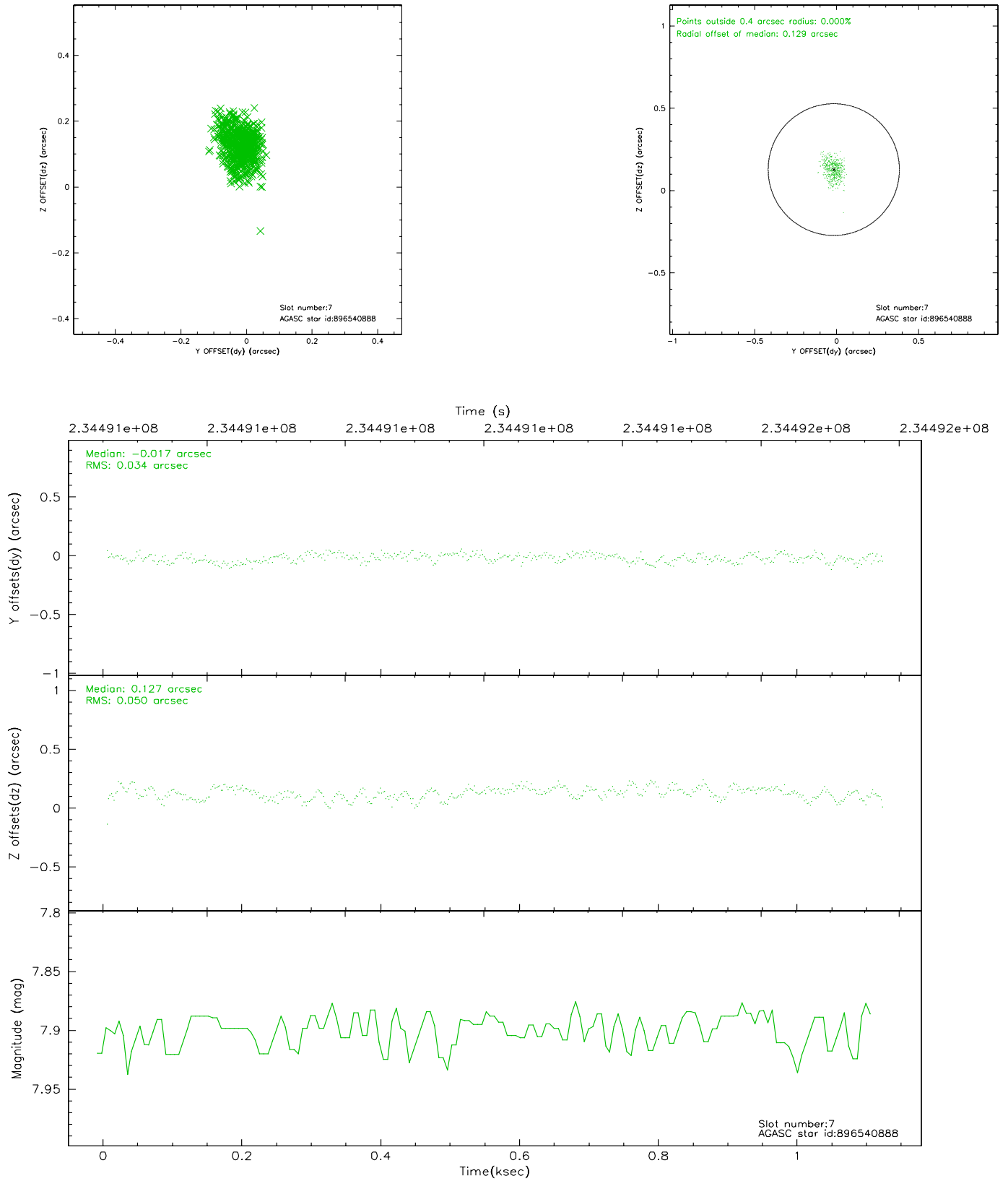
2.4.3 Slot 5



2.4.4 Slot 6

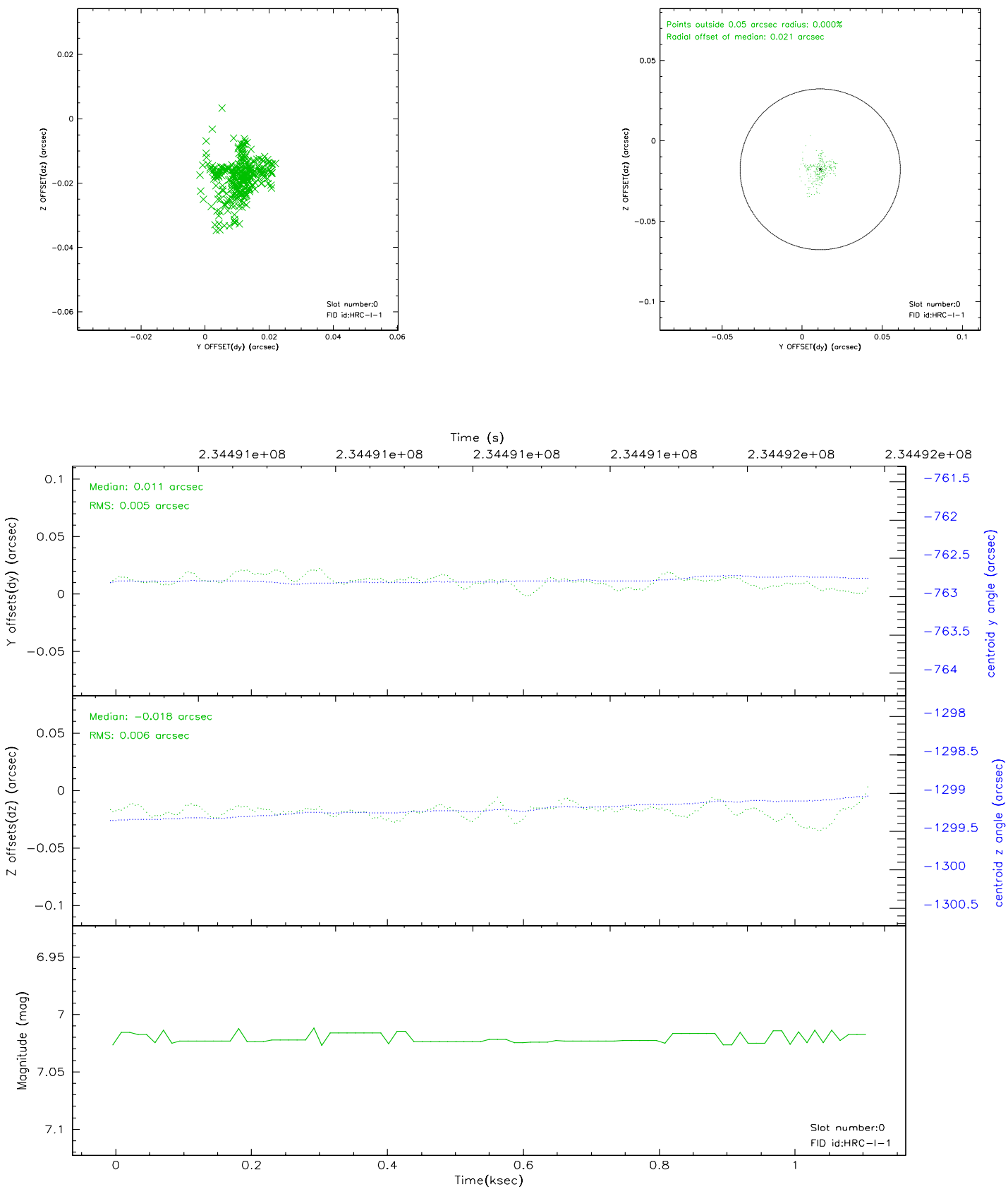


2.4.5 Slot 7

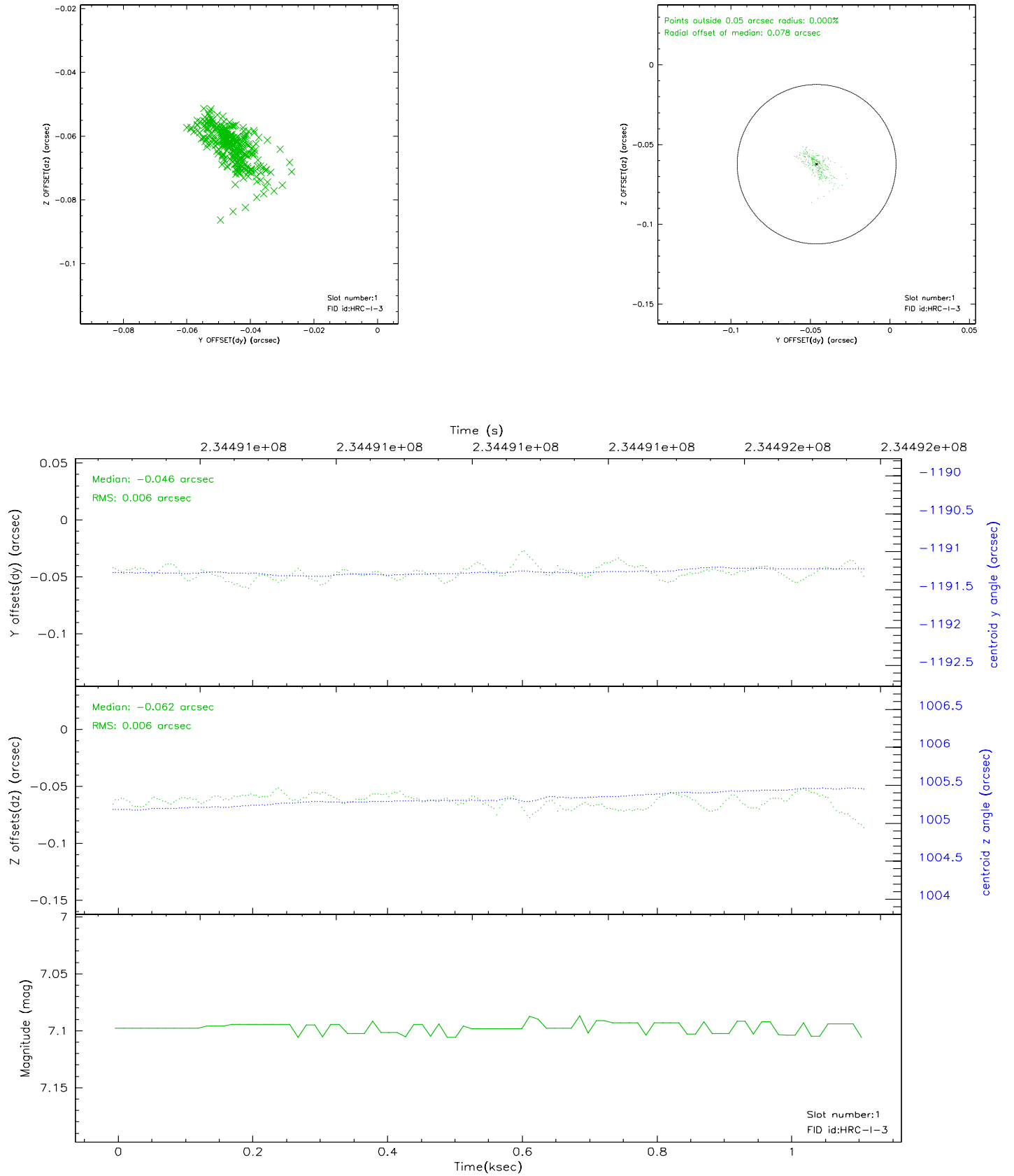


2.5 FID Slots

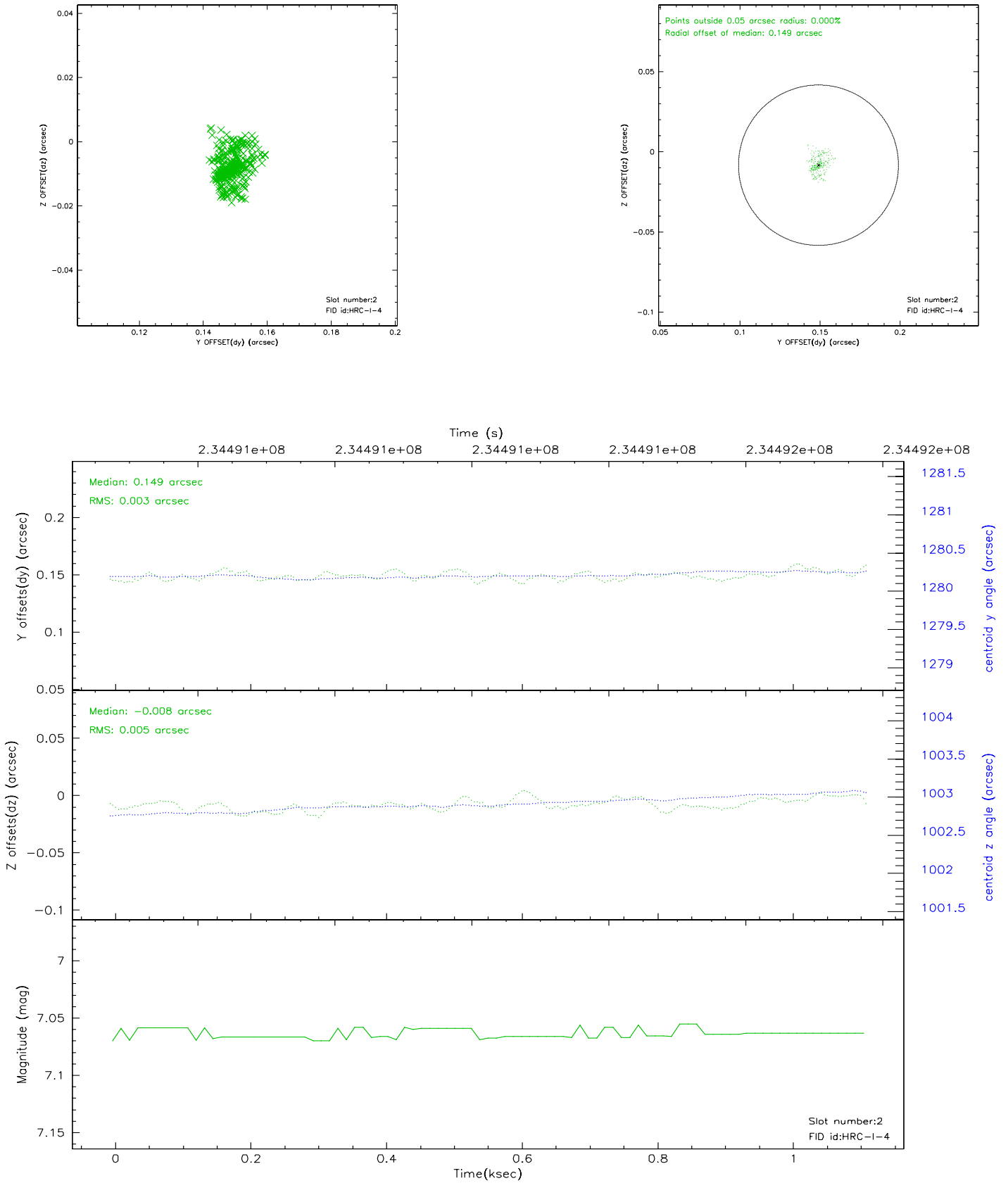
2.5.1 Slot 0



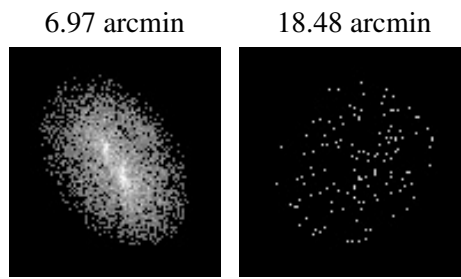
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.12.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.118531

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.