

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2906 - L2 Version 3
Chandra X-Ray Center

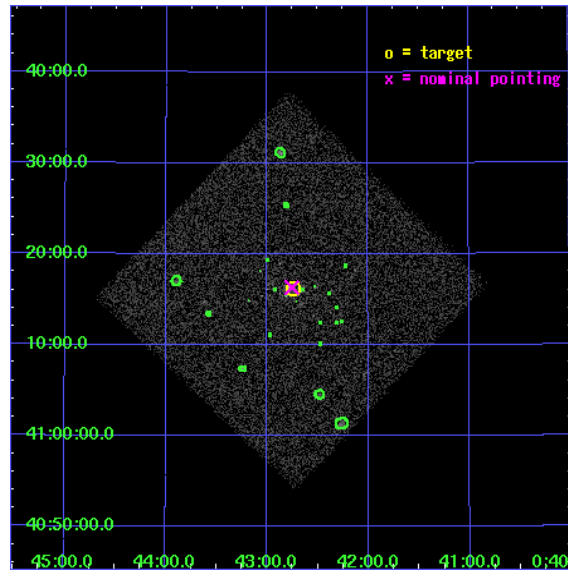
L2 Processing Date : Nov 21 2007

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1 Front

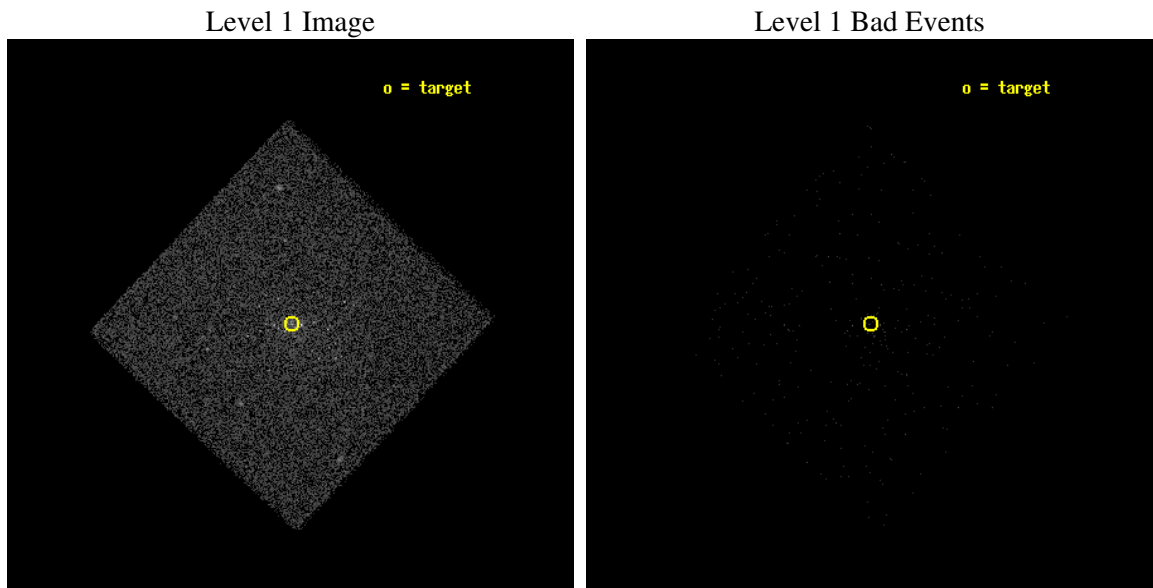
seq_num	600243
obs_id	2906
title	SEARCHING FOR X-RAY TRANSIENTS IN M31 WITH CHANDRA AND HST
observer	Dr. MICHAEL GARCIA
object	M31-CORE
ra_targ	10.685
dec_targ	41.268972
ra_nom	10.688613885662
dec_nom	41.272274500888
roll_nom	88.365178487022
revision	3
ontime	1194.1250487864
livetime	1187.7616329532
l2events	33798



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	2007-11-21T21:49:22
revision	3

sched_exp_time	1000.000000
ontime	1194.1250487864
l1events	62541

2.1.3 Events

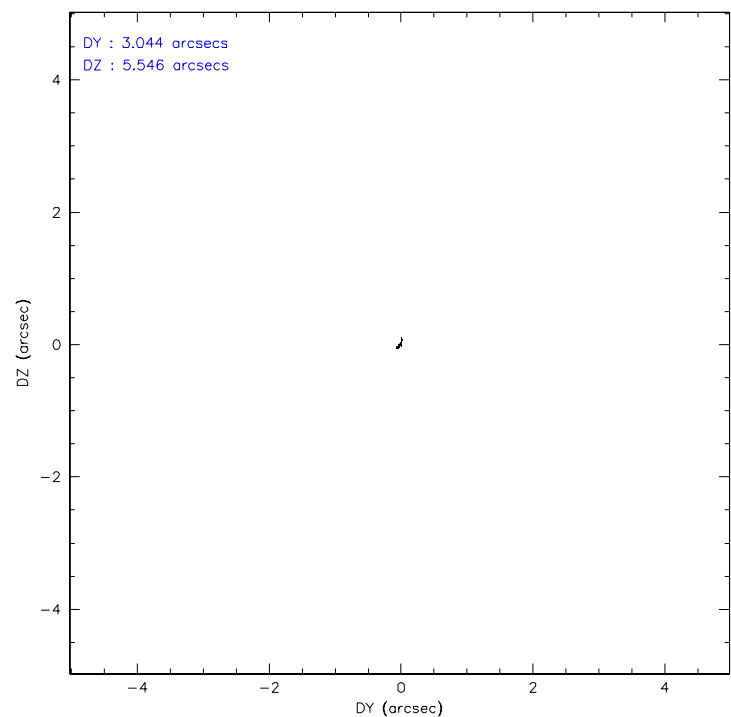
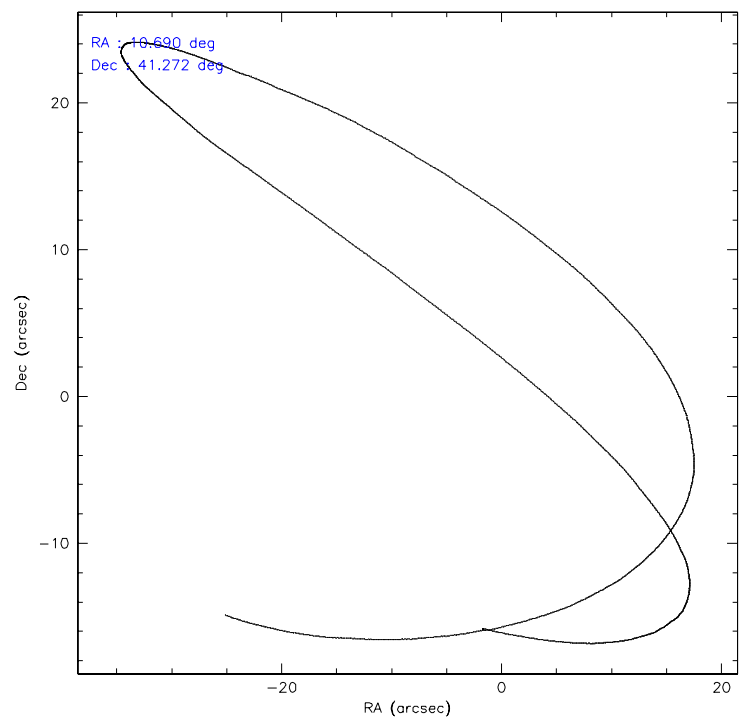
Level 1 Events

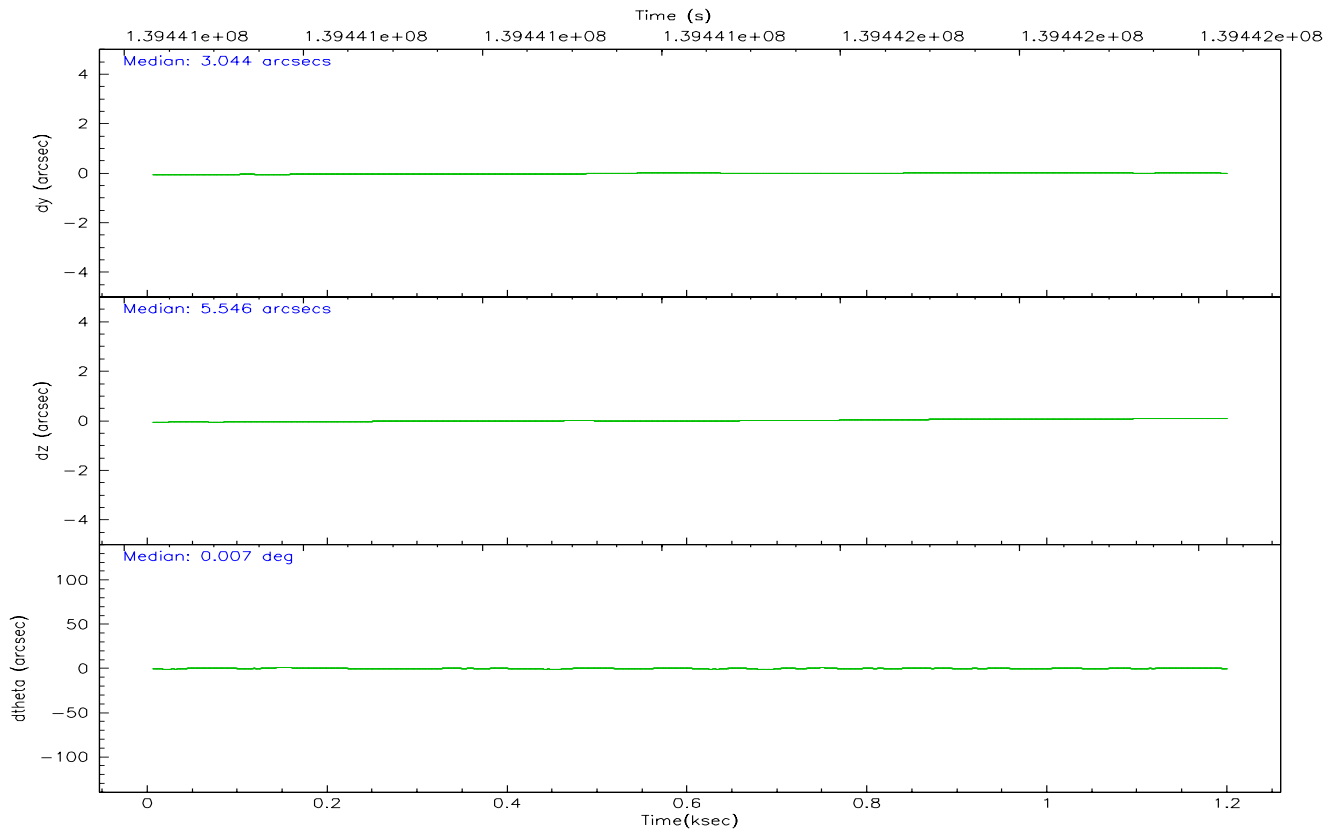
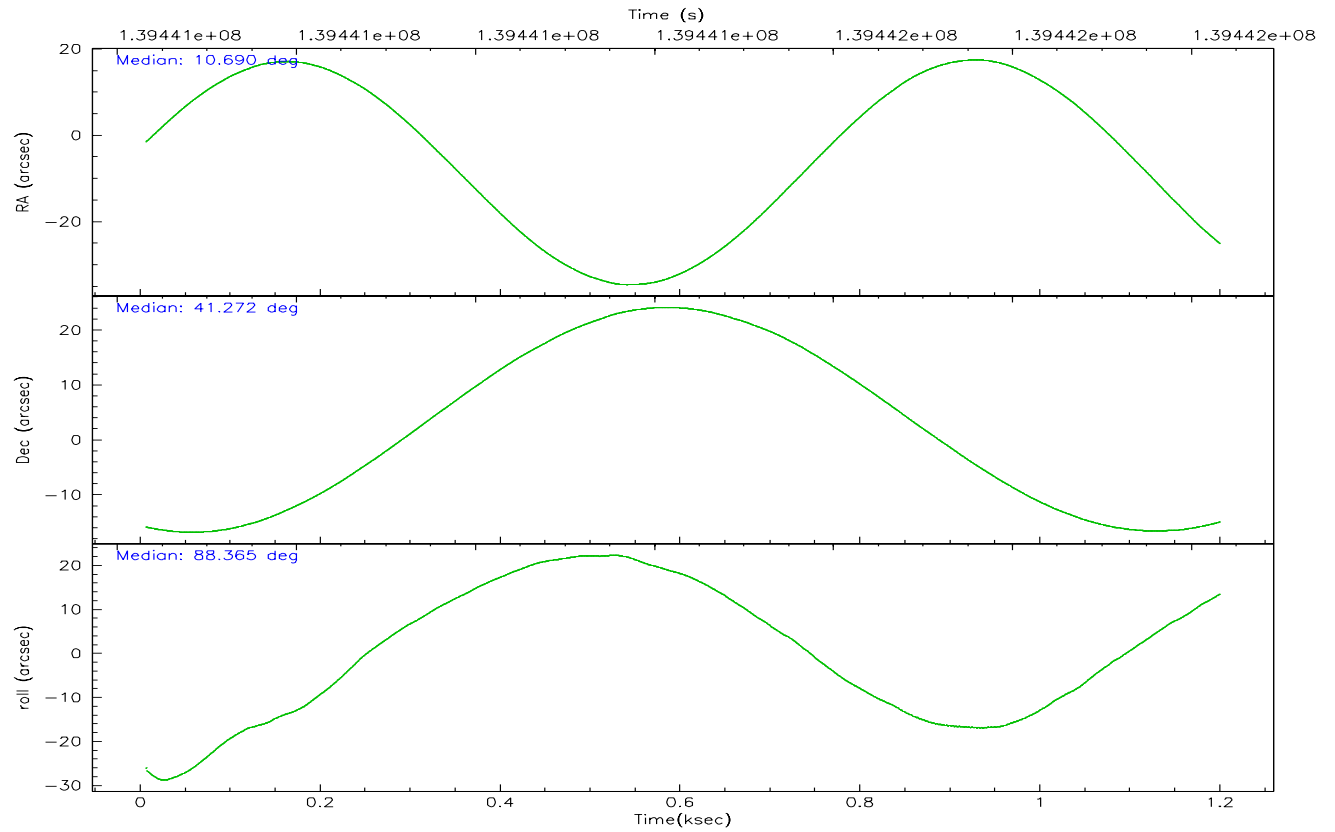
	segment 0
level 1 events	62541
rejected events	12953
rejected %	20%

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	10.705137	10.68861388566248			
Pointing Dec	41.249231	41.27227450088774			
Pointing Roll	88.449871	88.36517848702167			
Window start time	138844864.184000	138844864.184000			
Window stop time	139363264.184000	139363264.184000			
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	139441032.184000	139440656.54709			
Observation start date	2002-06-02T21:36:08	2002-06-02T21:30:56			
Observation end time	139442032.184000	139442166.37215			
Observation end date	2002-06-02T21:52:48	2002-06-02T21:56:06			

2.3 Aspect



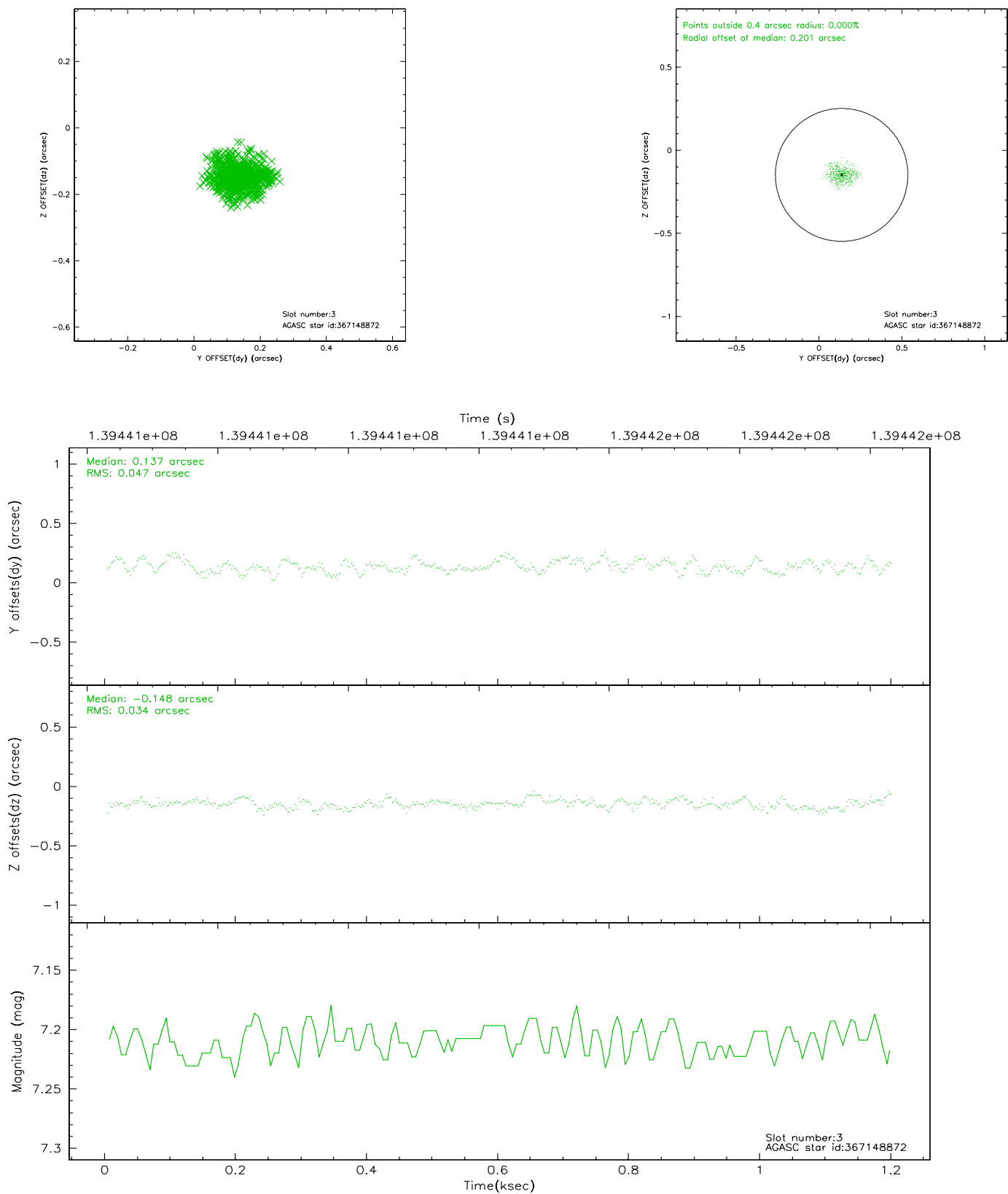


Slot Statistics

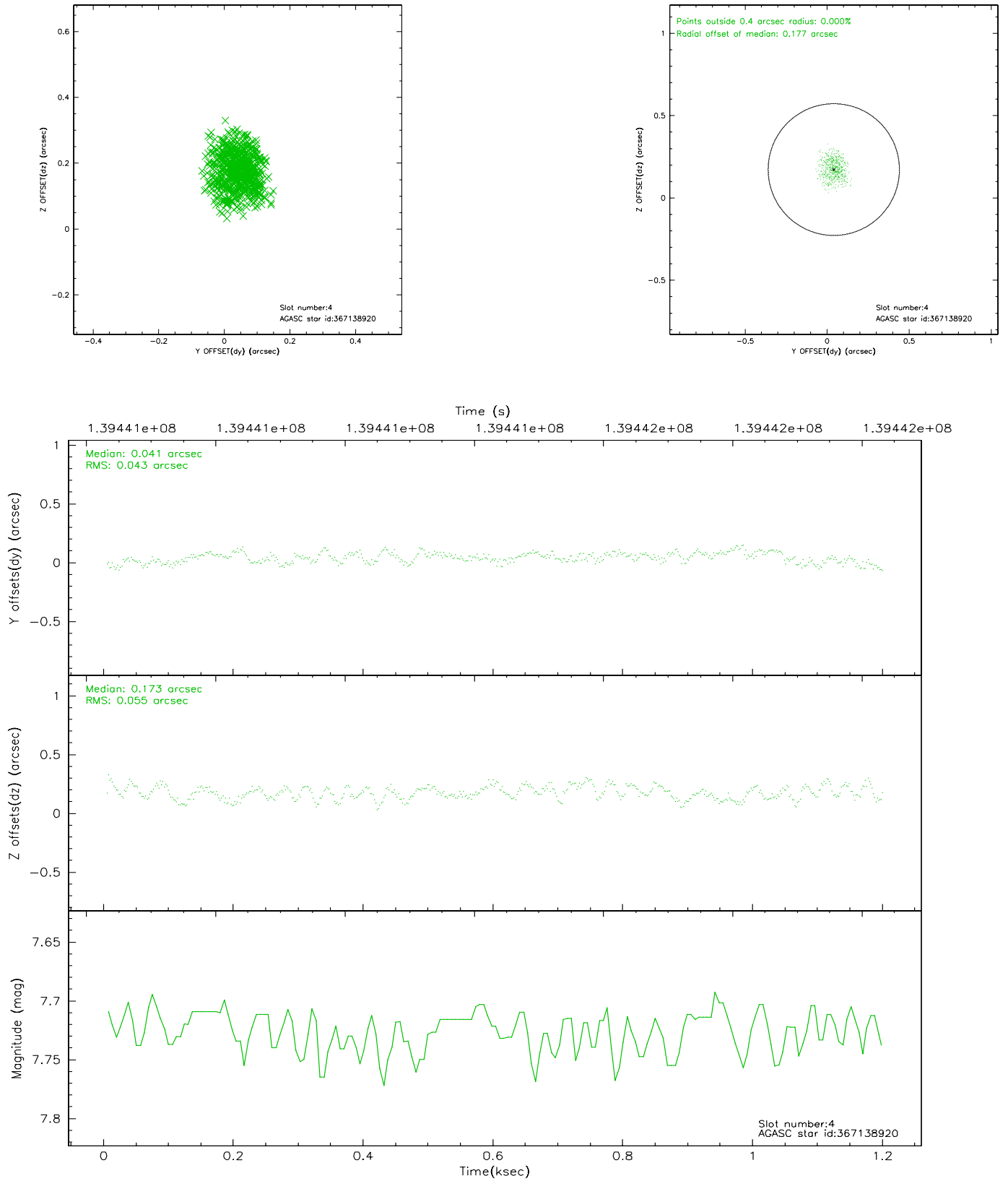
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-2	7.01	292	0.037	0.020	0.006	0.010	0.000000	0.000000	854.19	-1294.89
1	FID	HRC-I-3	7.06	292	0.018	-0.041	0.006	0.009	0.000000	0.000000	-1184.07	1006.70
2	FID	HRC-I-4	7.00	292	0.064	-0.065	0.006	0.010	0.000000	0.000000	1280.27	1012.22
3	GUIDE	367148872	7.21	584	0.137	-0.148	0.064	0.096	10.505940	40.688258	-2030.66	493.55
4	GUIDE	367138920	7.72	584	0.041	0.173	0.077	0.115	11.513485	40.808909	-1516.21	-2238.93
5	GUIDE	367674552	8.85	584	-0.074	0.149	0.064	0.105	11.016238	41.570845	1181.08	-805.25
6	GUIDE	367663272	9.30	583	-0.008	-0.133	0.084	0.132	10.656279	41.699429	1620.72	178.48
7	GUIDE	367665472	9.49	583	-0.094	-0.047	0.087	0.147	10.241611	41.730843	1707.70	1296.87

2.4 Star Slots

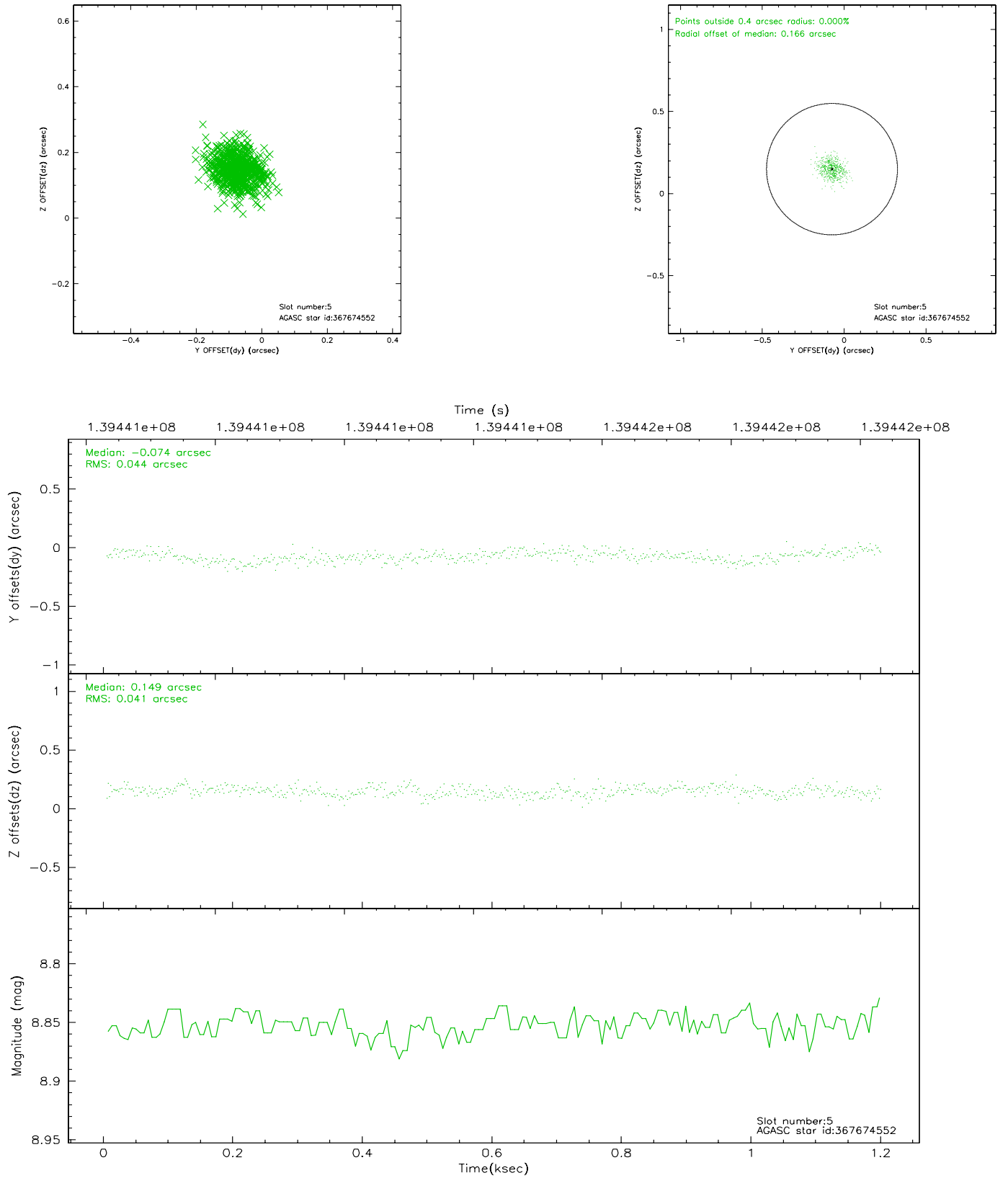
2.4.1 Slot 3



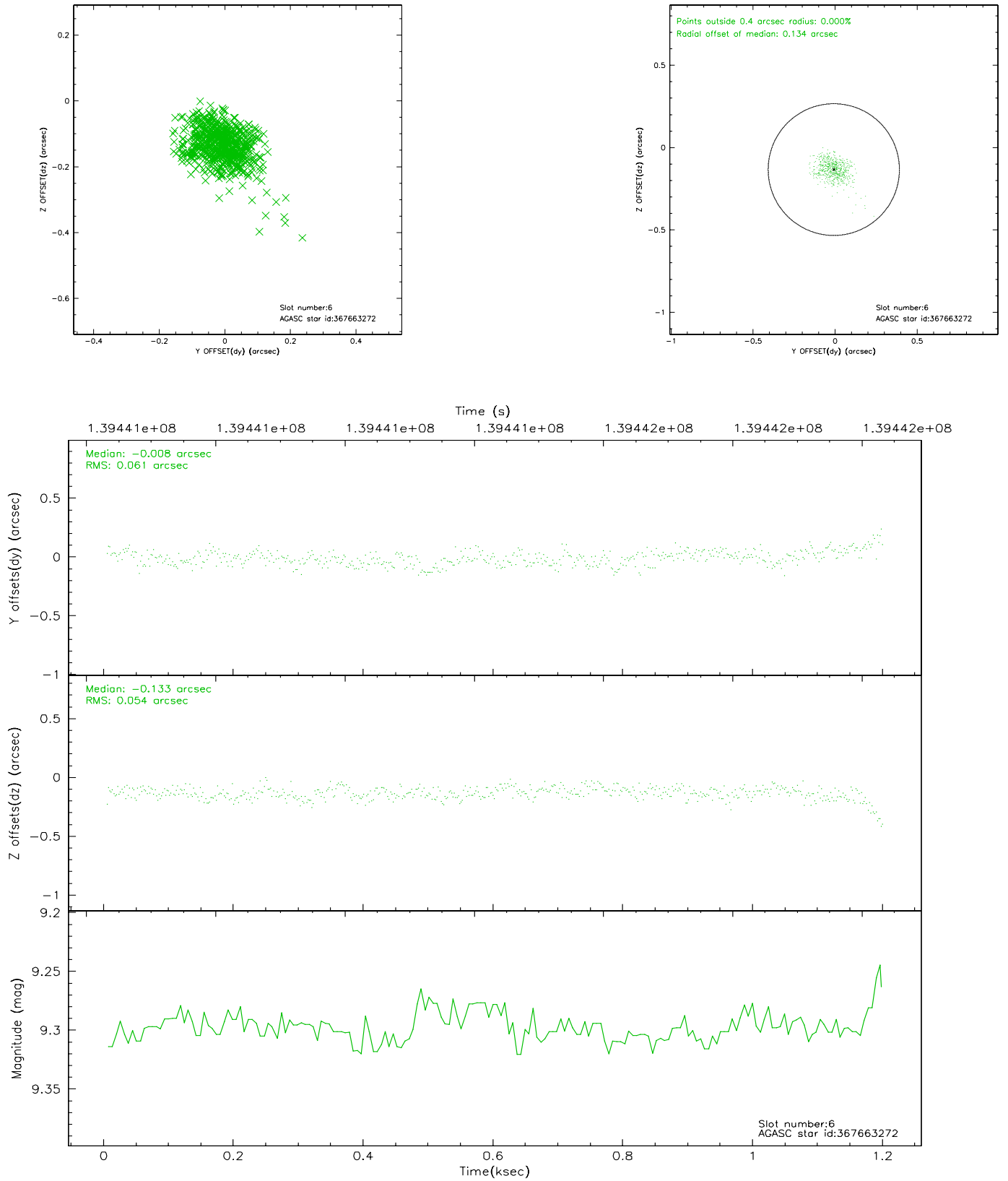
2.4.2 Slot 4



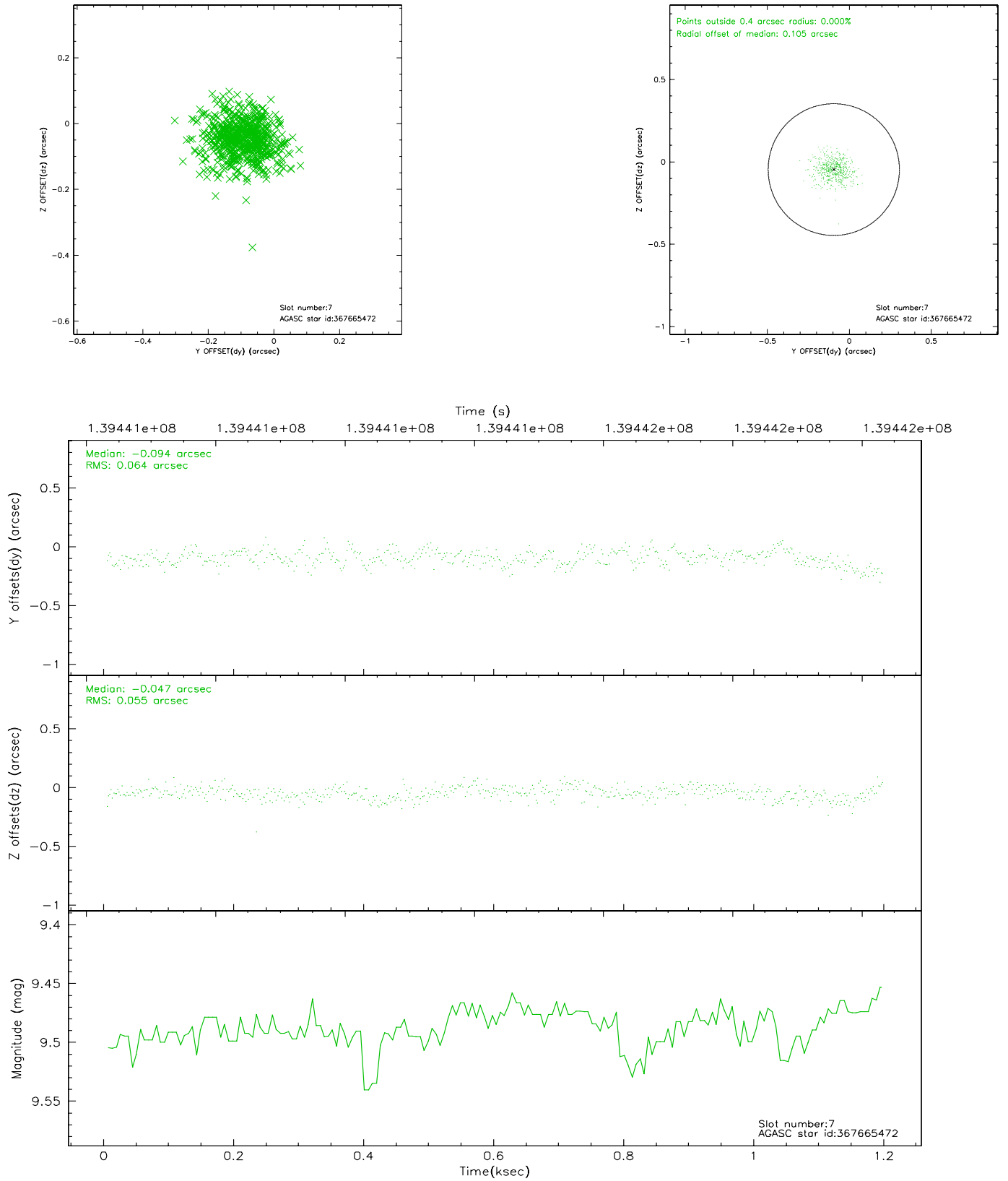
2.4.3 Slot 5



2.4.4 Slot 6

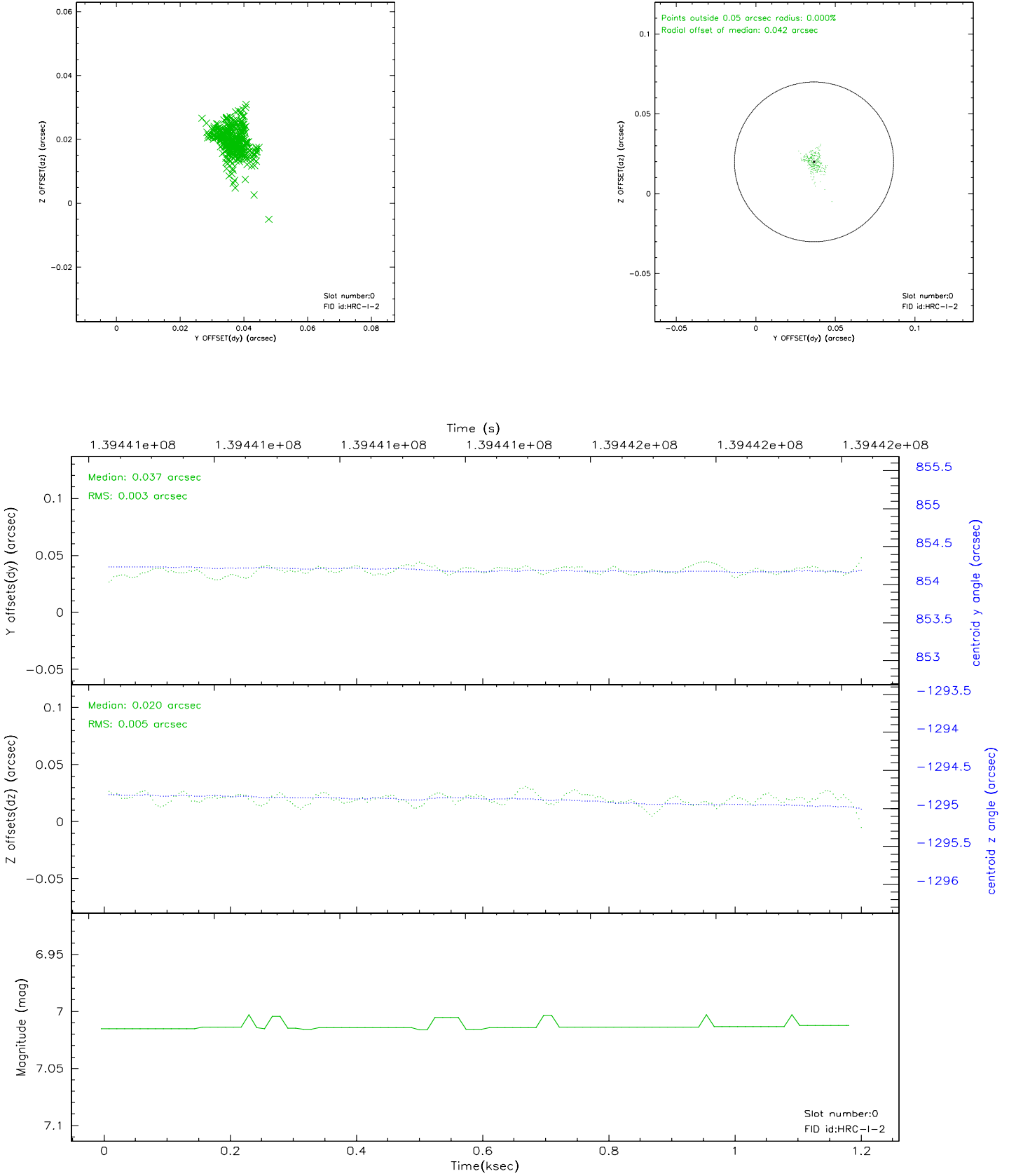


2.4.5 Slot 7

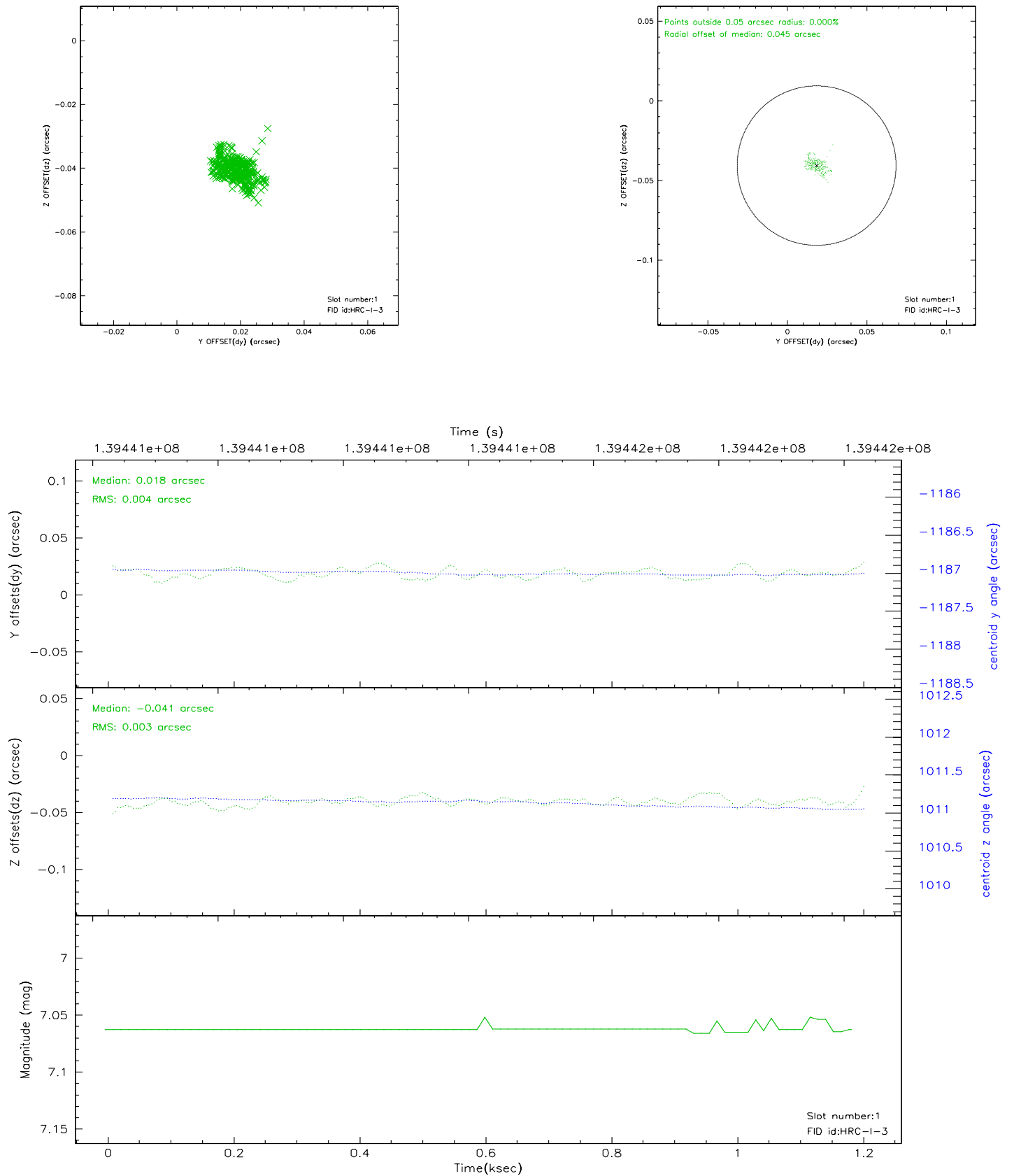


2.5 FID Slots

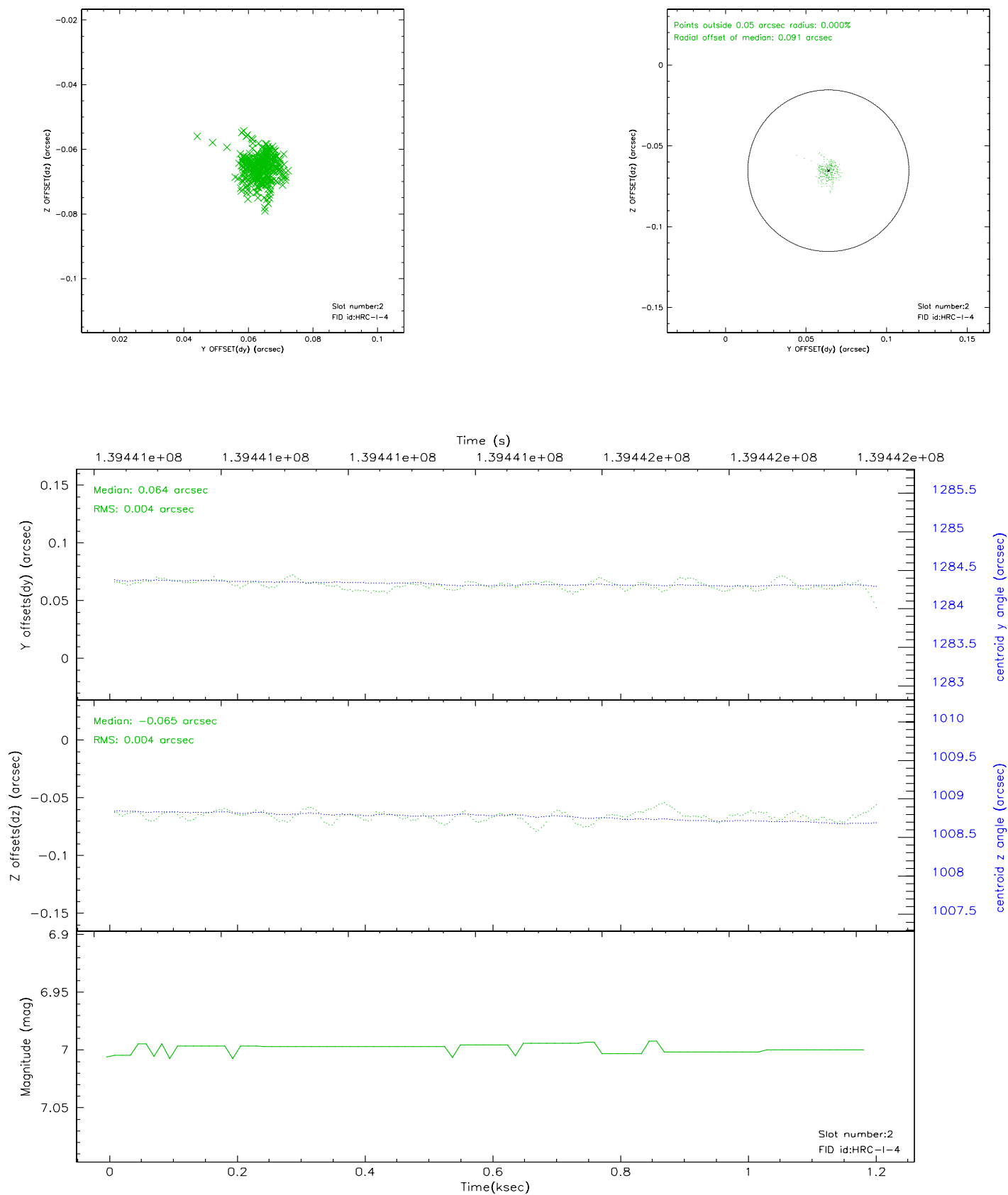
2.5.1 Slot 0



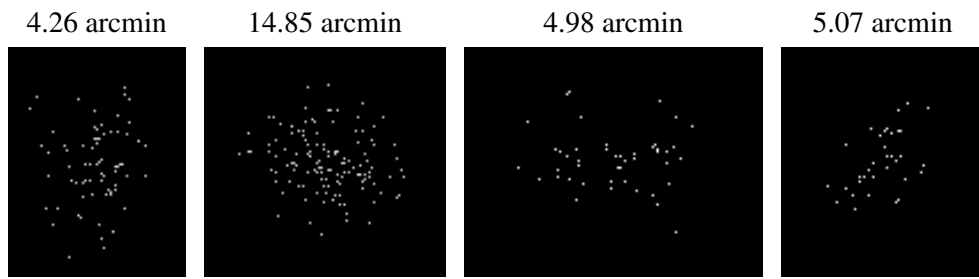
2.5.2 Slot 1



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	1.194

A.2 Comments

Window constraint not 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.