

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2890 - L2 Version 3
Chandra X-Ray Center

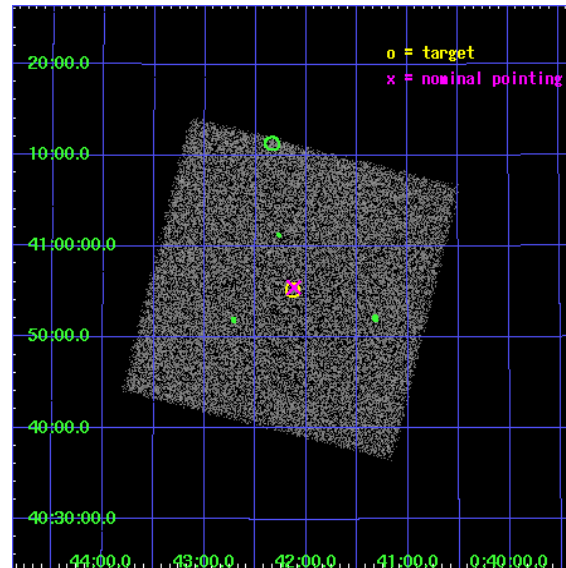
L2 Processing Date : Nov 20 2007

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1 Front

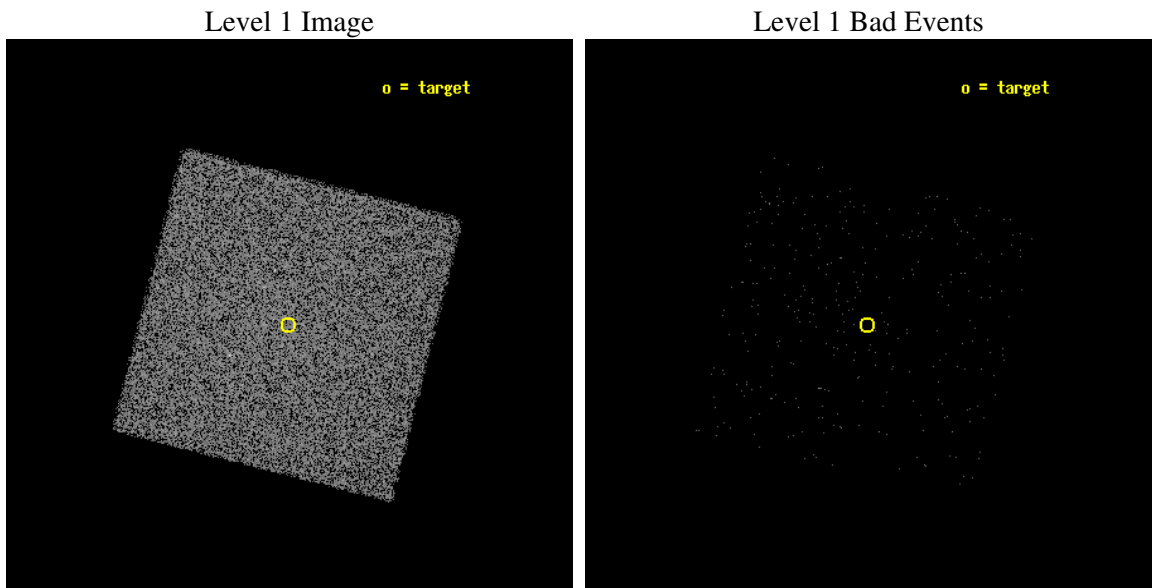
seq_num	600227
obs_id	2890
title	SEARCHING FOR X-RAY TRANSIENTS IN M31 WITH CHANDRA AND HST
observer	Dr. MICHAEL GARCIA
object	M31-S1
ra_targ	10.532917
dec_targ	40.921
ra_nom	10.530339228221
dec_nom	40.925293494942
roll_nom	149.23645805912
revision	3
ontime	1192.3312971145
livetime	1184.9889672446
l2events	45593



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	2007-11-20T19:21:13
revision	3

sched_exp_time	1000.000000
ontime	1192.3312971145
l1events	77899

2.1.3 Events

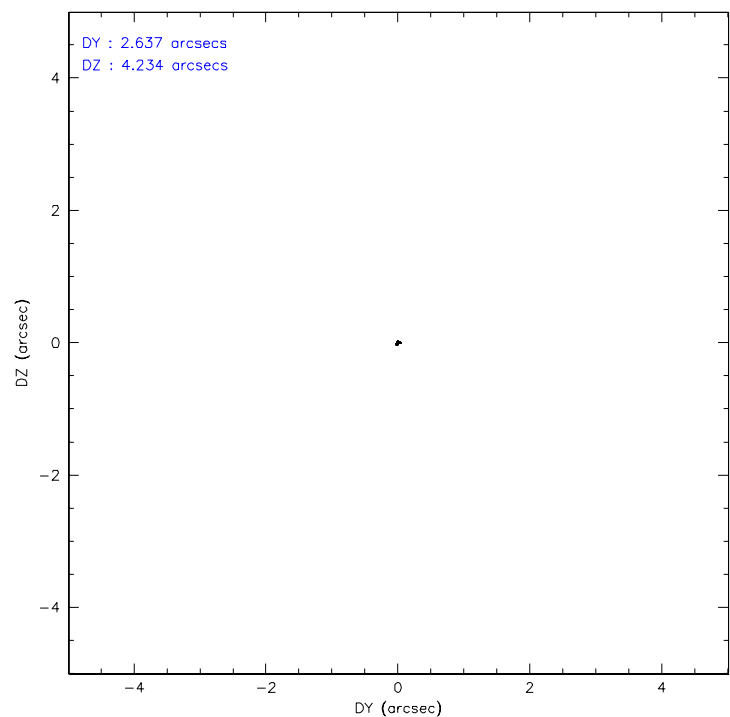
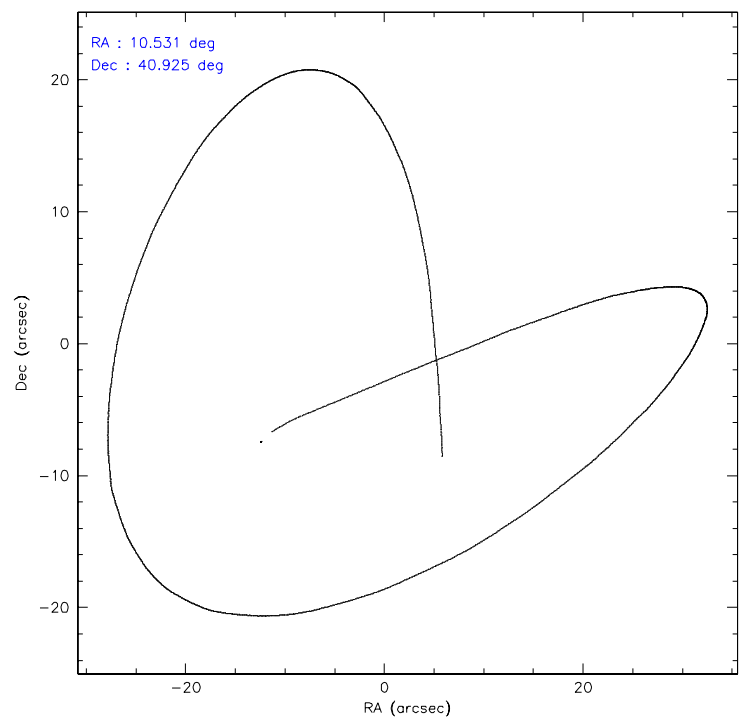
Level 1 Events

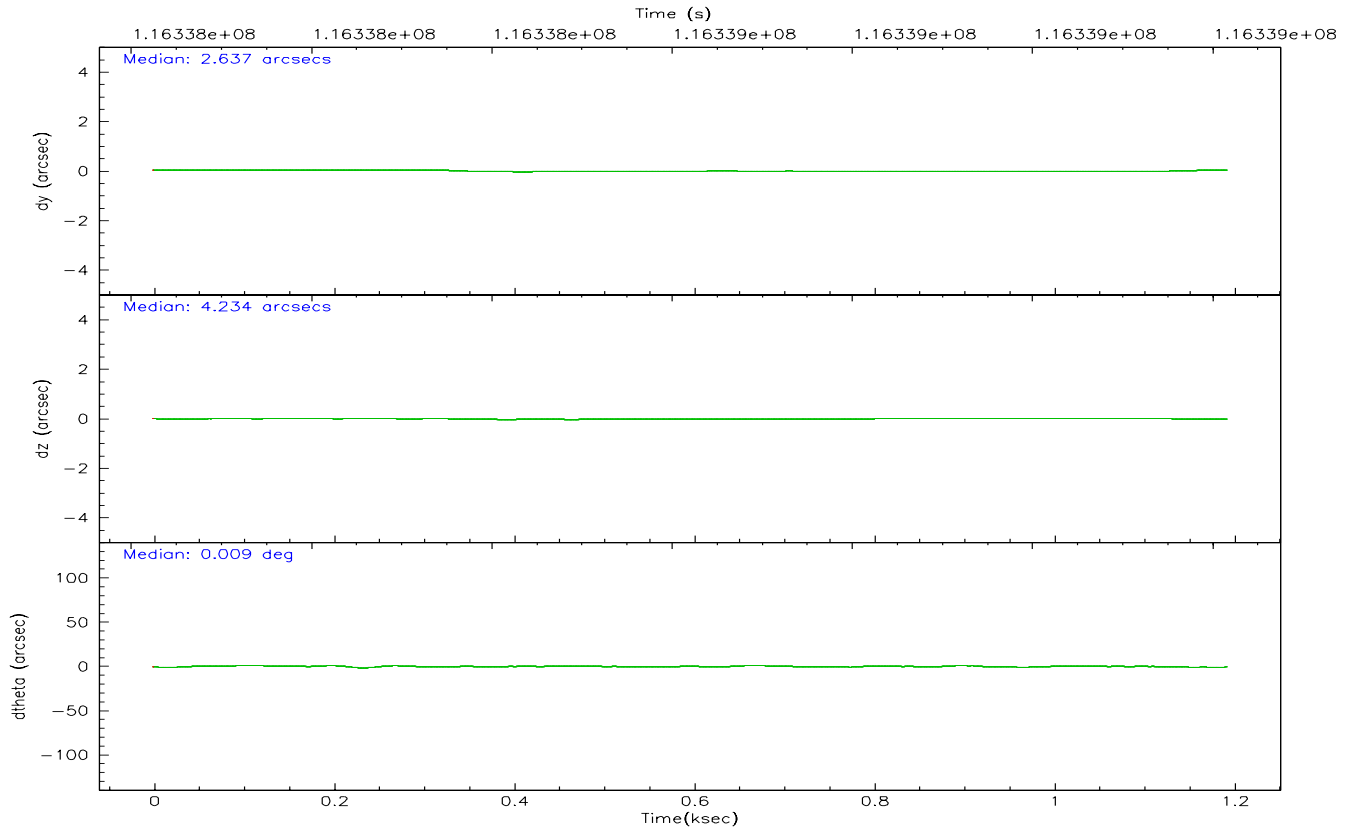
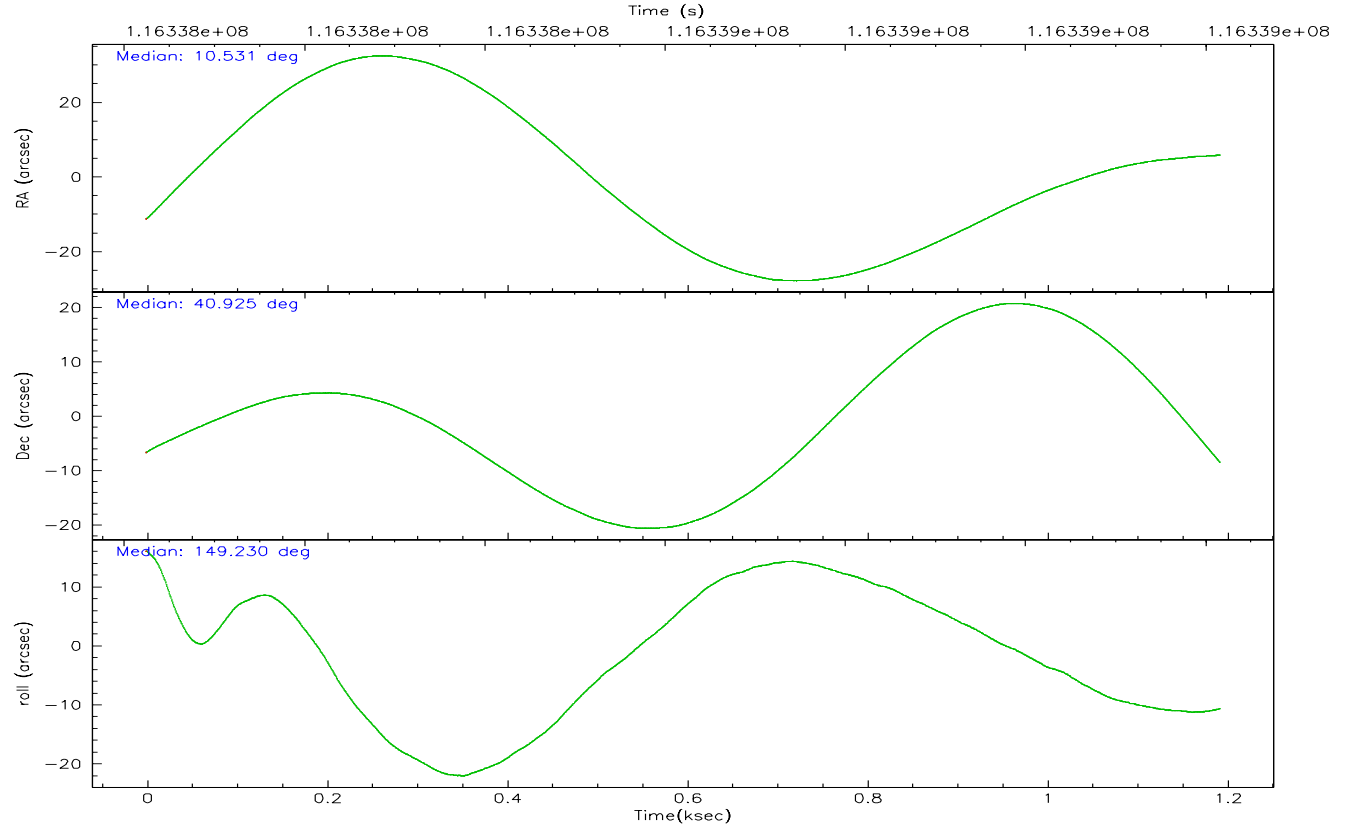
	segment 0
level 1 events	77899
rejected events	13410
rejected %	17%

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	10.565502	10.53033922822078			
Pointing Dec	40.924603	40.92529349494193			
Pointing Roll	149.308777	149.2364580591196			
Window start time	117072064.184000	117072064.184000			
Window stop time	117676864.184000	117676864.184000			
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	116338215.184000	116337839.29276			
Observation start date	2001-09-08T12:09:11	2001-09-08T12:03:59			
Observation end time	116339215.184000	116339349.11782			
Observation end date	2001-09-08T12:25:51	2001-09-08T12:29:09			

2.3 Aspect



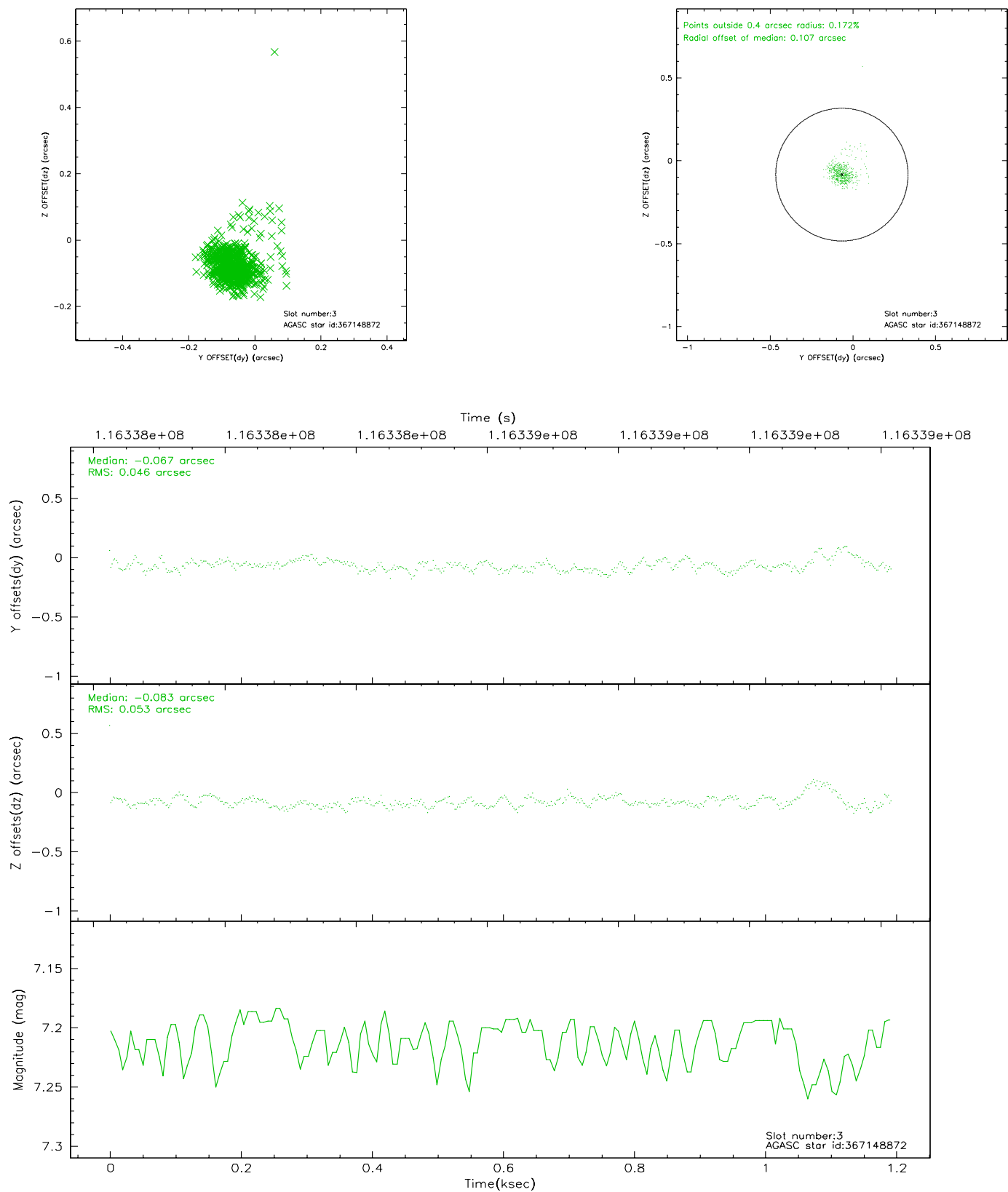


Slot Statistics

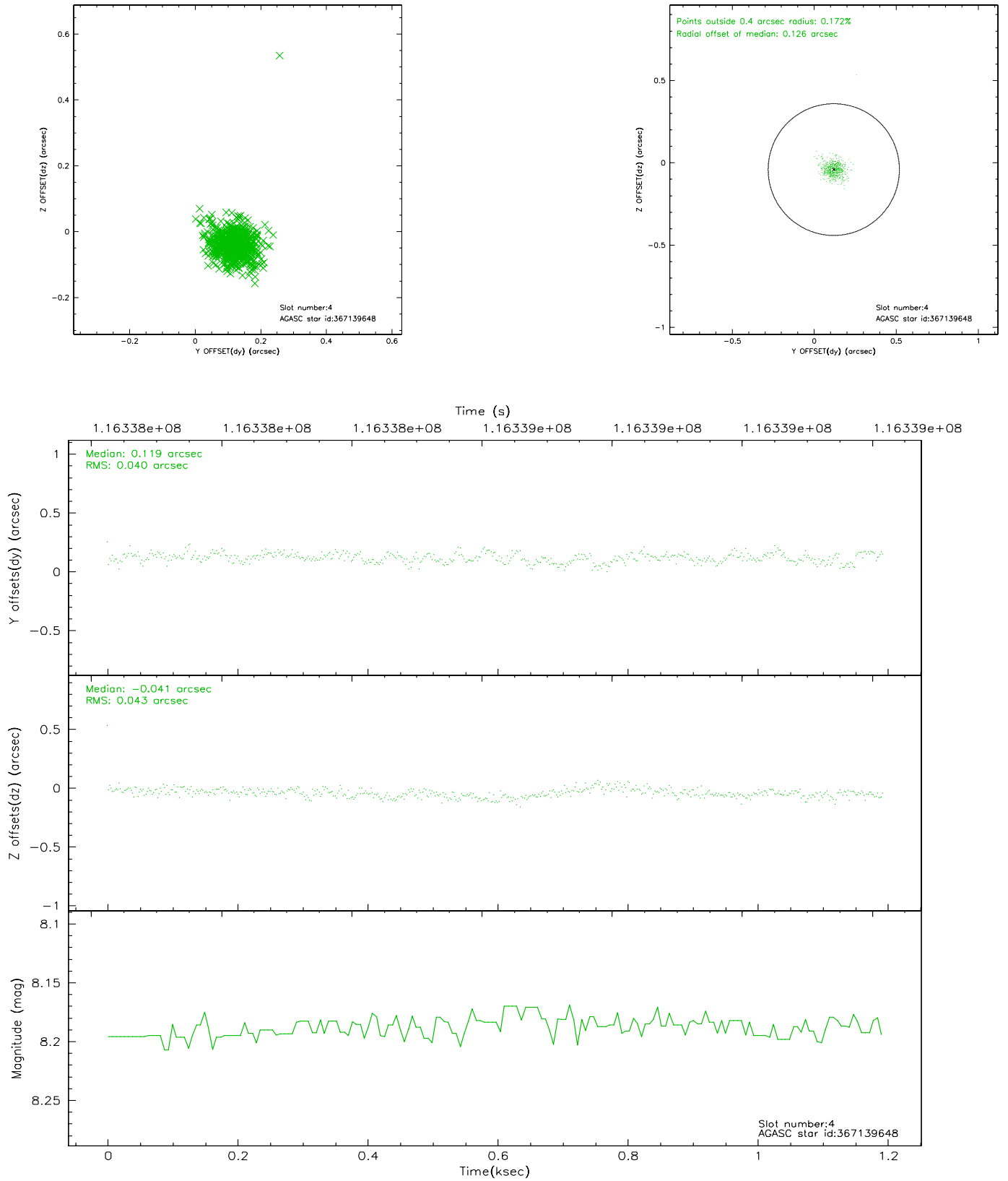
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	292	0.046	0.058	0.006	0.010	0.000000	0.000000	-758.08	-1291.98
1	FID	HRC-I-3	7.06	292	0.015	-0.093	0.007	0.011	0.000000	0.000000	-1189.17	1008.02
2	FID	HRC-I-4	7.00	292	0.053	-0.054	0.005	0.009	0.000000	0.000000	1280.68	1013.50
3	GUIDE	367148872	7.21	583	-0.067	-0.083	0.062	0.122	10.505940	40.688258	-292.72	818.71
4	GUIDE	367139648	8.19	582	0.119	-0.041	0.055	0.096	11.021290	40.433909	-1972.63	884.12
5	GUIDE	367144424	8.66	583	0.027	-0.238	0.071	0.111	10.464515	40.309136	-894.14	2052.00
6	GUIDE	367146616	8.86	583	0.005	0.230	0.082	0.126	11.418645	41.190163	-1493.19	-2003.85
7	GUIDE	367665472	9.51	582	-0.084	0.135	0.118	0.191	10.241611	41.730843	2230.15	-2052.16

2.4 Star Slots

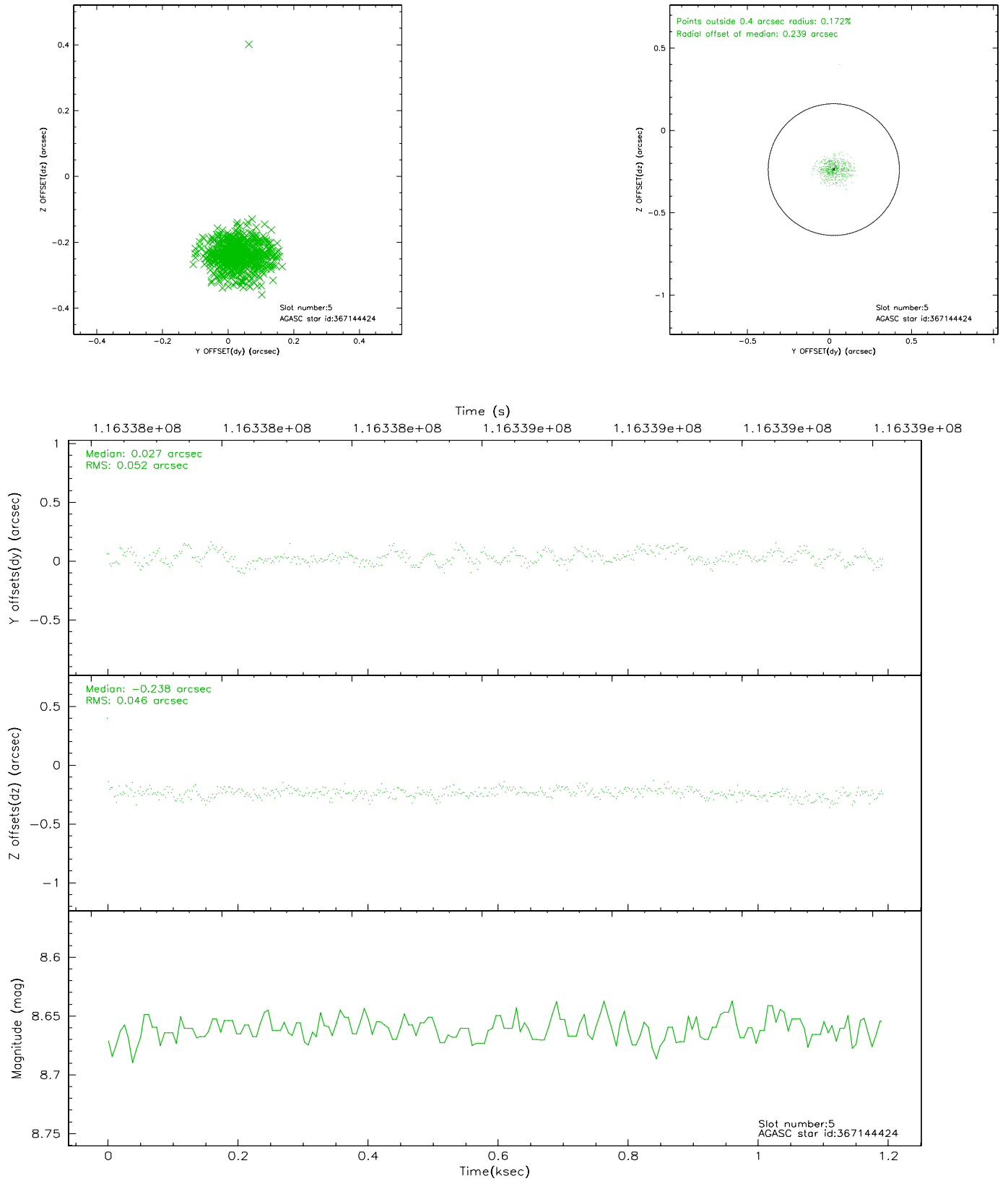
2.4.1 Slot 3



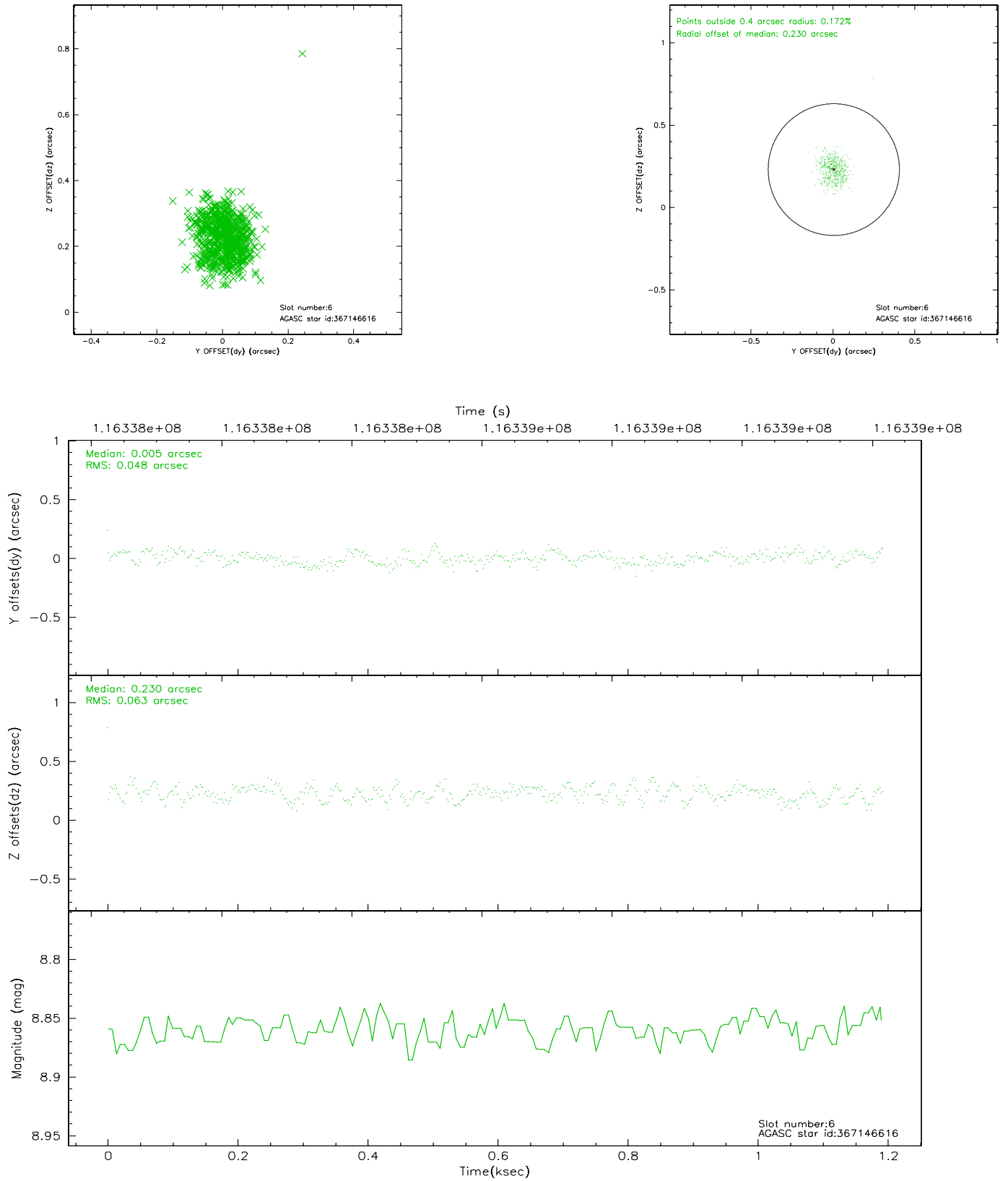
2.4.2 Slot 4



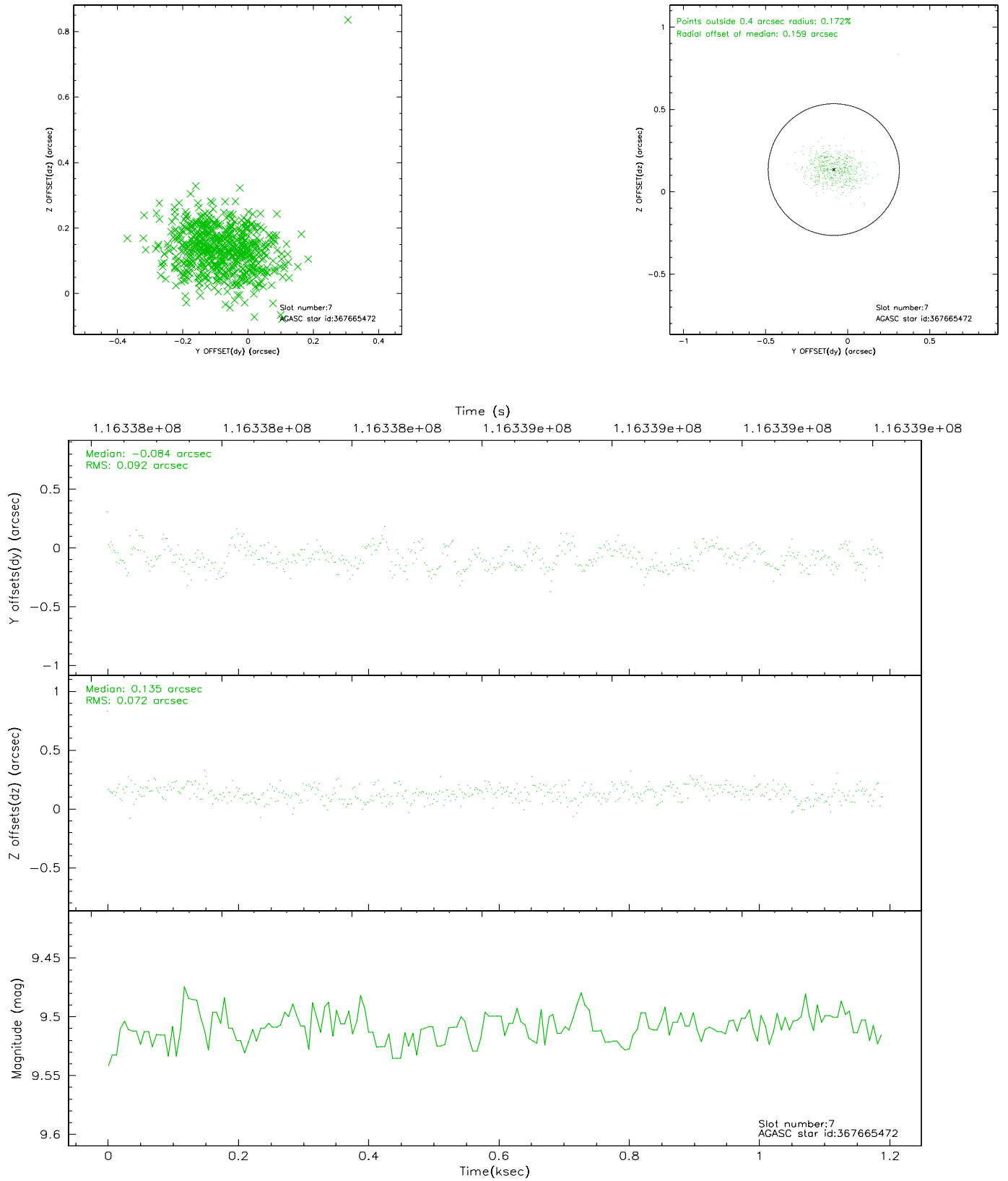
2.4.3 Slot 5



2.4.4 Slot 6

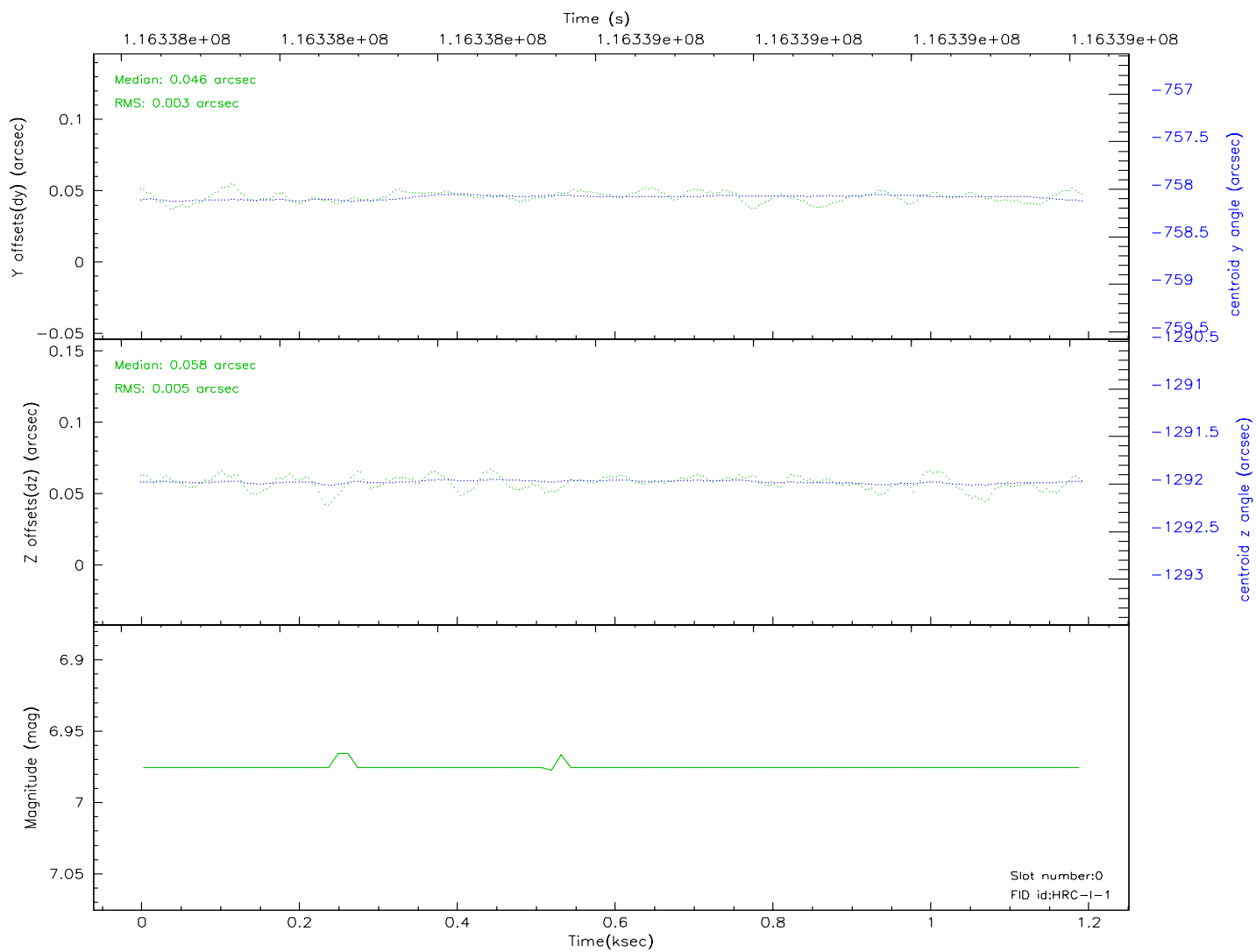
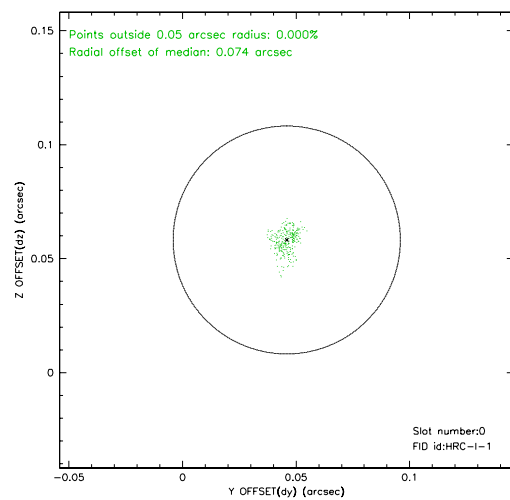
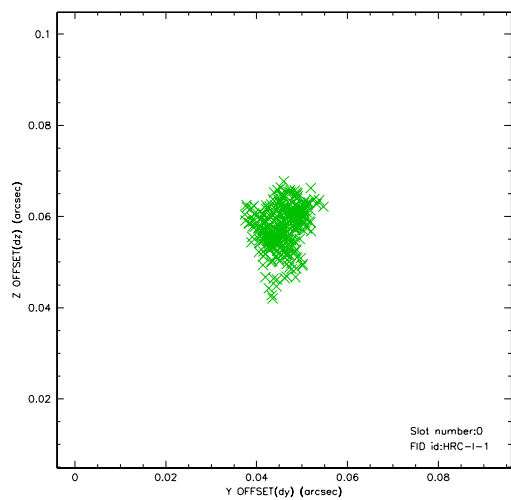


2.4.5 Slot 7

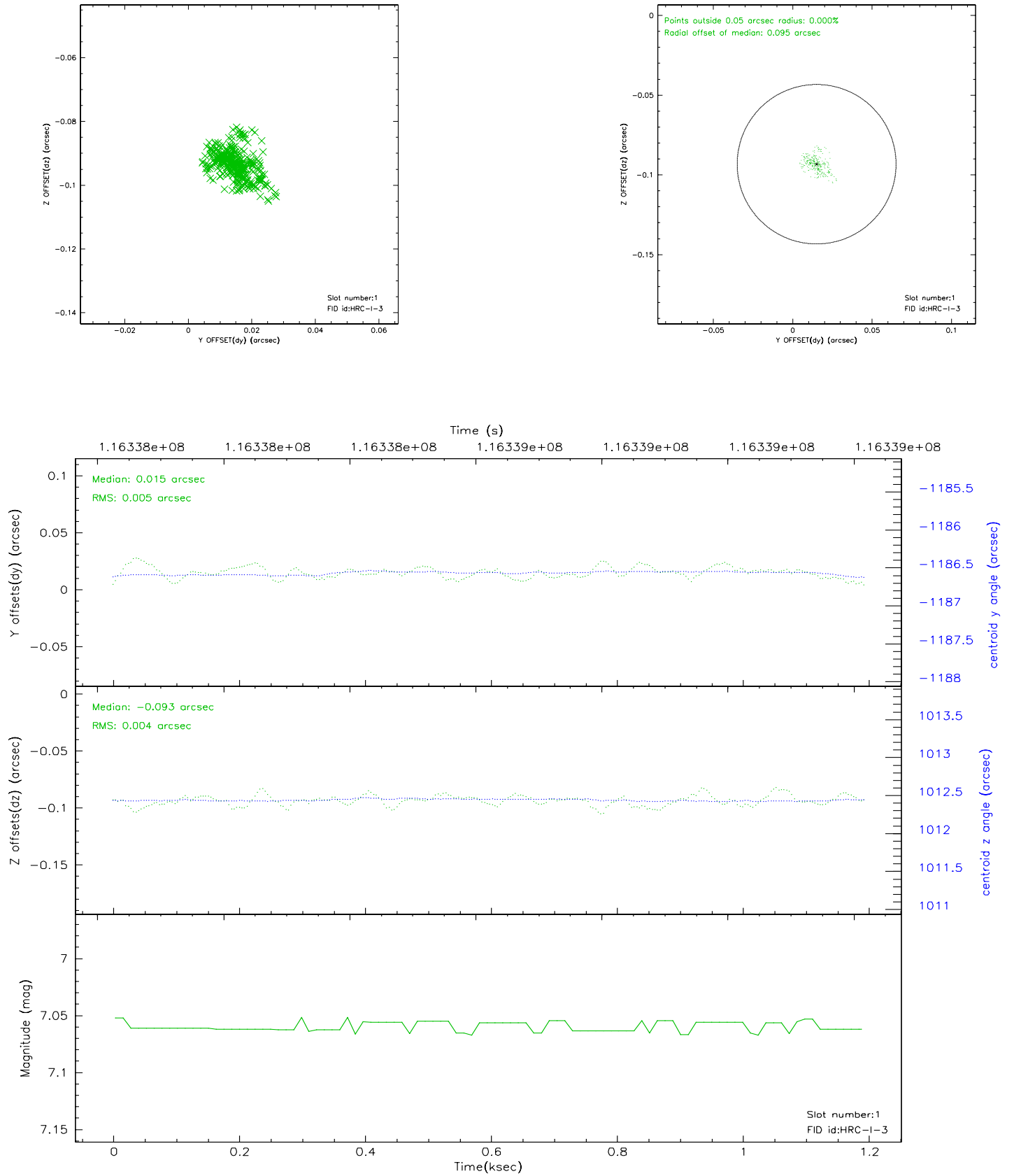


2.5 FID Slots

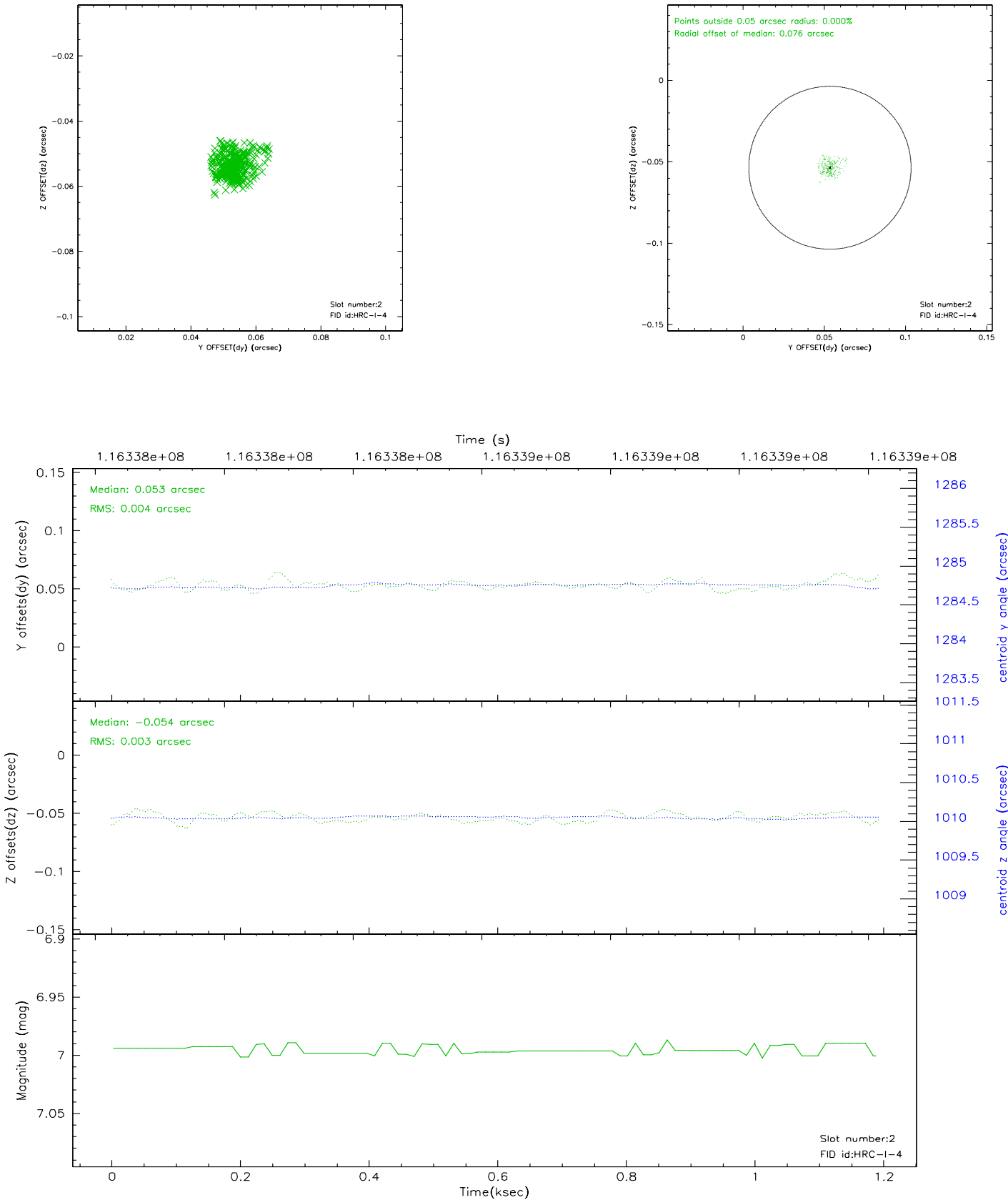
2.5.1 Slot 0



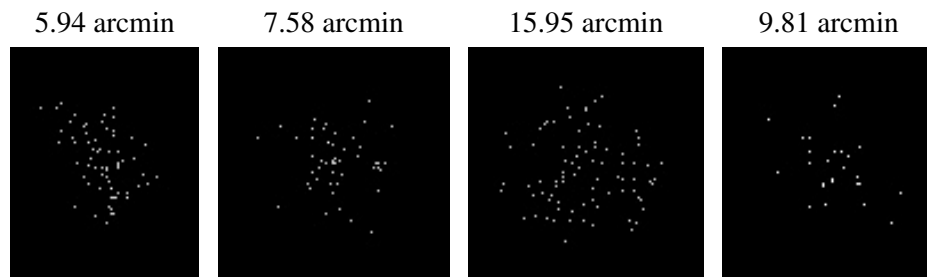
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.12.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.19

A.2 Comments

Window constraint not satisfied.

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.