

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2886 - L2 Version 3
Chandra X-Ray Center

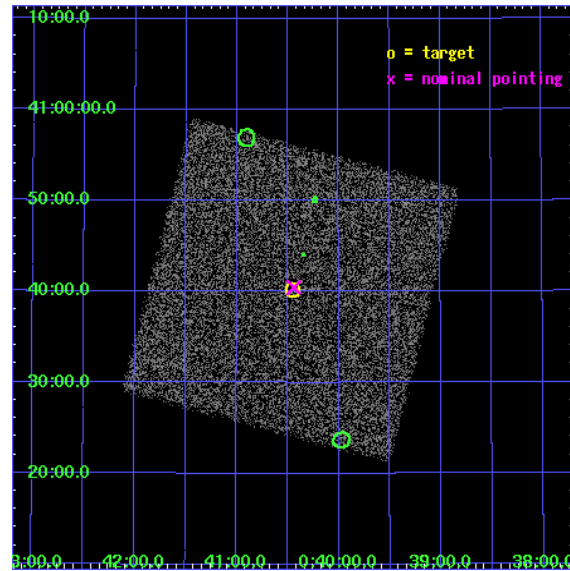
L2 Processing Date : Nov 20 2007

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1 Front

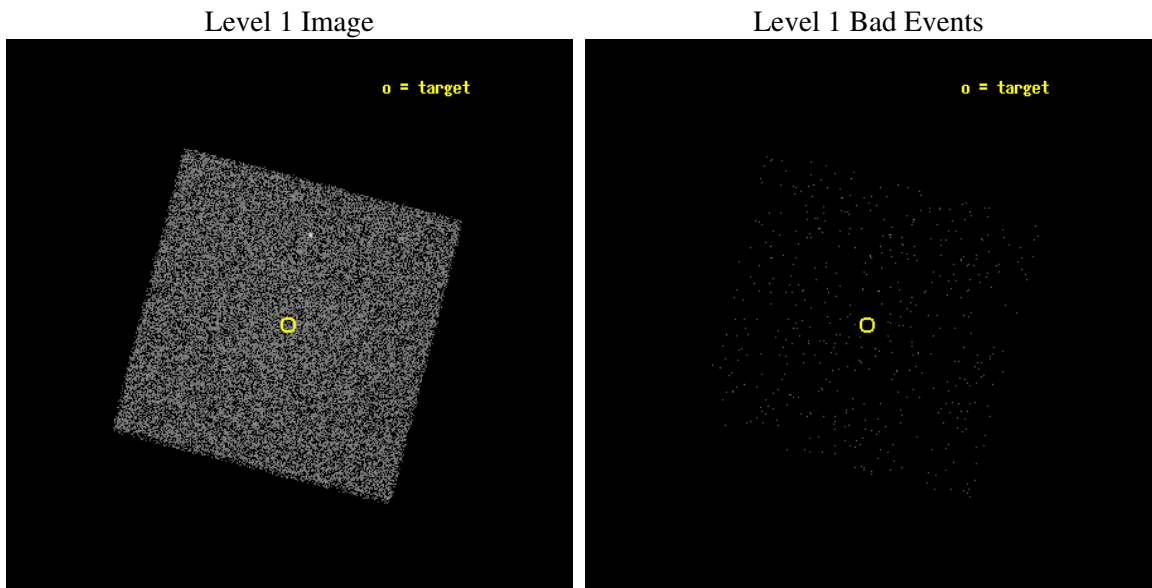
seq_num	600223
obs_id	2886
title	SEARCHING FOR X-RAY TRANSIENTS IN M31 WITH CHANDRA AND HST
observer	Dr. MICHAEL GARCIA
object	M31-S2
ra_targ	10.112917
dec_targ	40.67
ra_nom	10.109821091654
dec_nom	40.674572254271
roll_nom	149.60963115648
revision	3
ontime	871.50628443062
livetime	866.41456686497
l2events	29597



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	2007-11-20T18:35:55
revision	3

sched_exp_time	1000.000000
ontime	871.50628443062
l1events	50760

2.1.3 Events

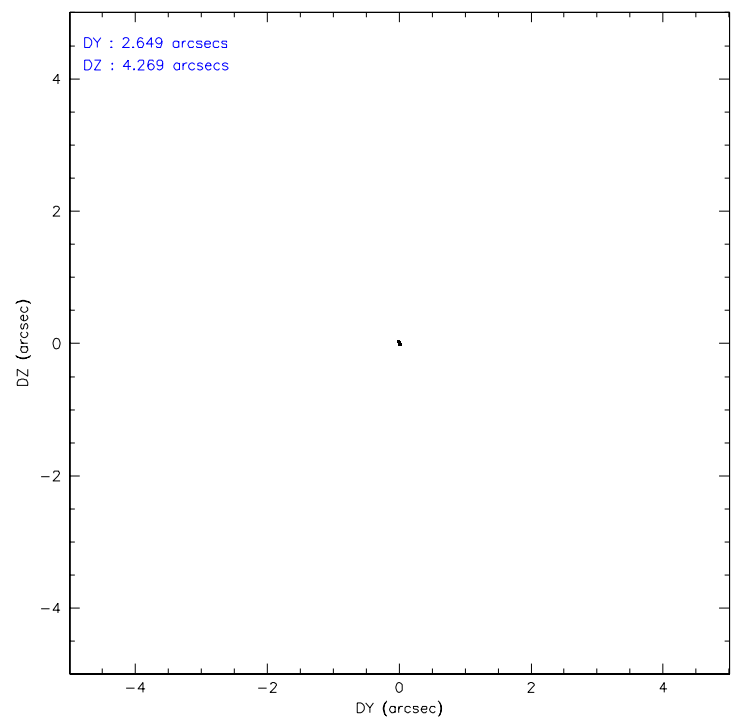
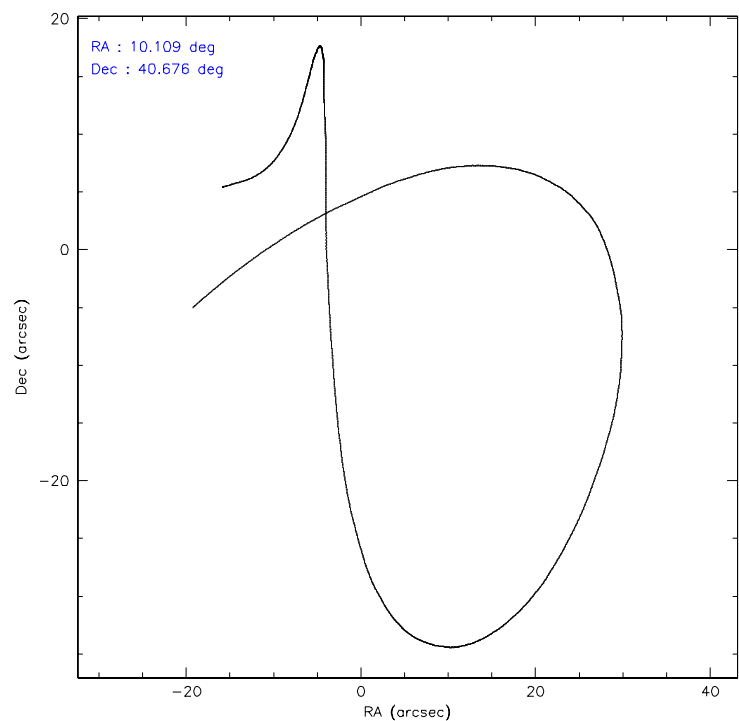
Level 1 Events

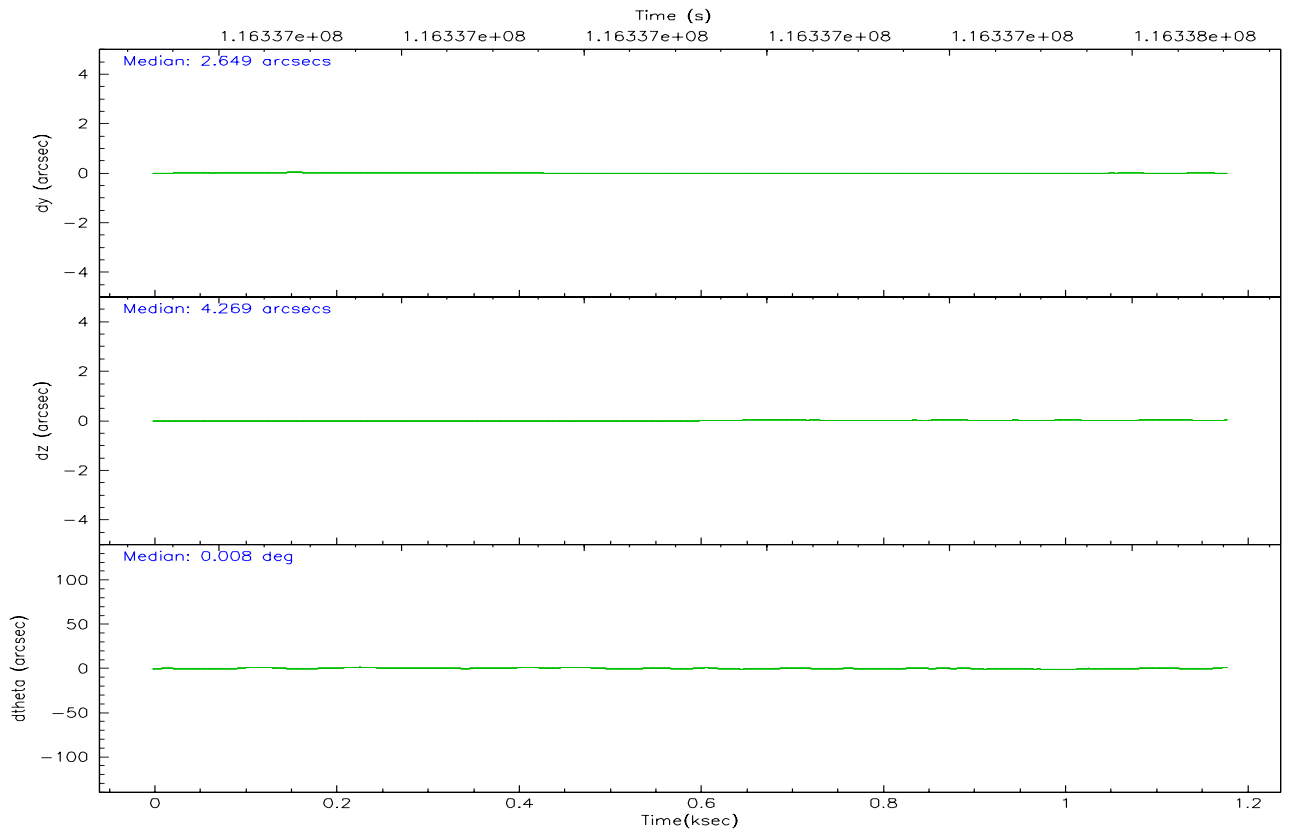
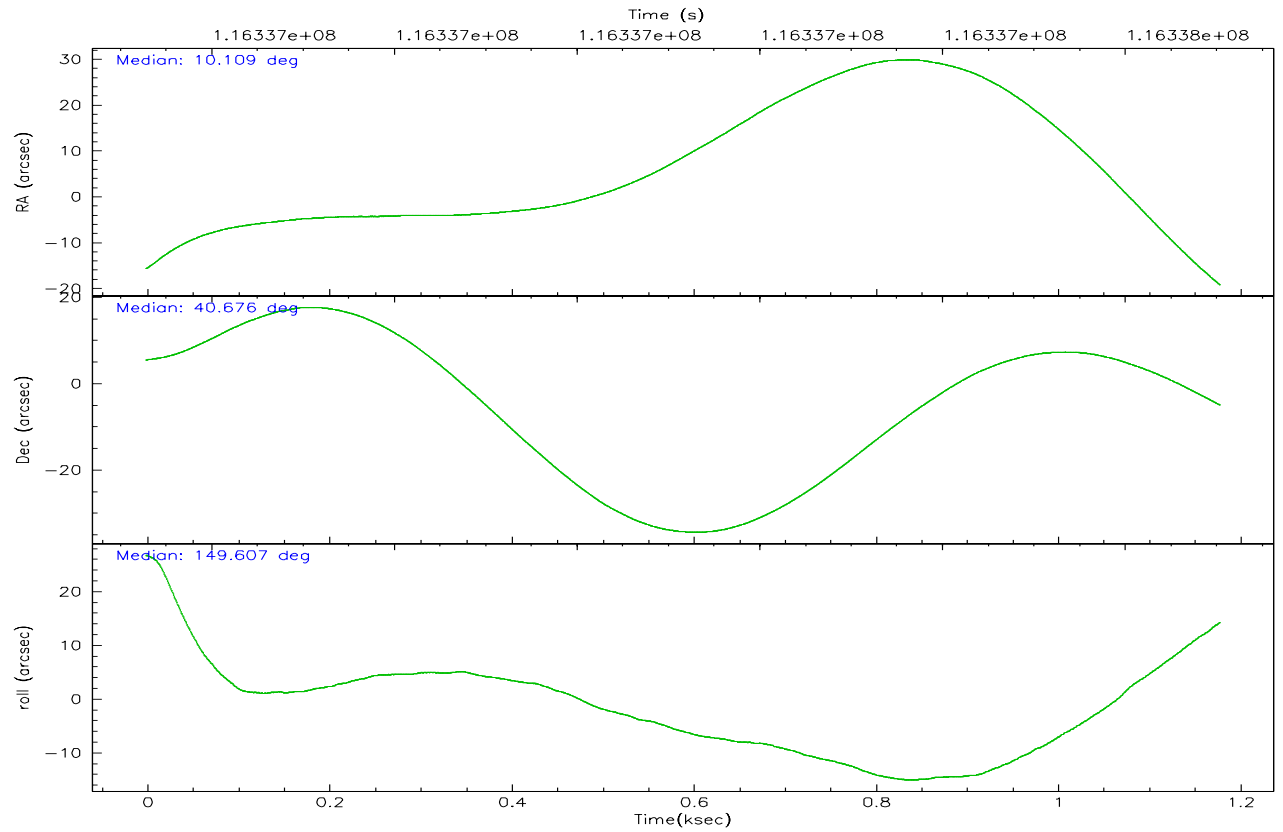
	segment 0
level 1 events	50760
rejected events	7576
rejected %	14%

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	10.145348	10.10982109165358			
Pointing Dec	40.673766	40.67457225427125			
Pointing Roll	149.681707	149.6096311564819			
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	116336705.184000	116335967.13019			
Observation start date	2001-09-08T11:44:01	2001-09-08T11:32:47			
Observation end time	116337705.184000	116337839.29276			
Observation end date	2001-09-08T12:00:41	2001-09-08T12:03:59			

2.3 Aspect



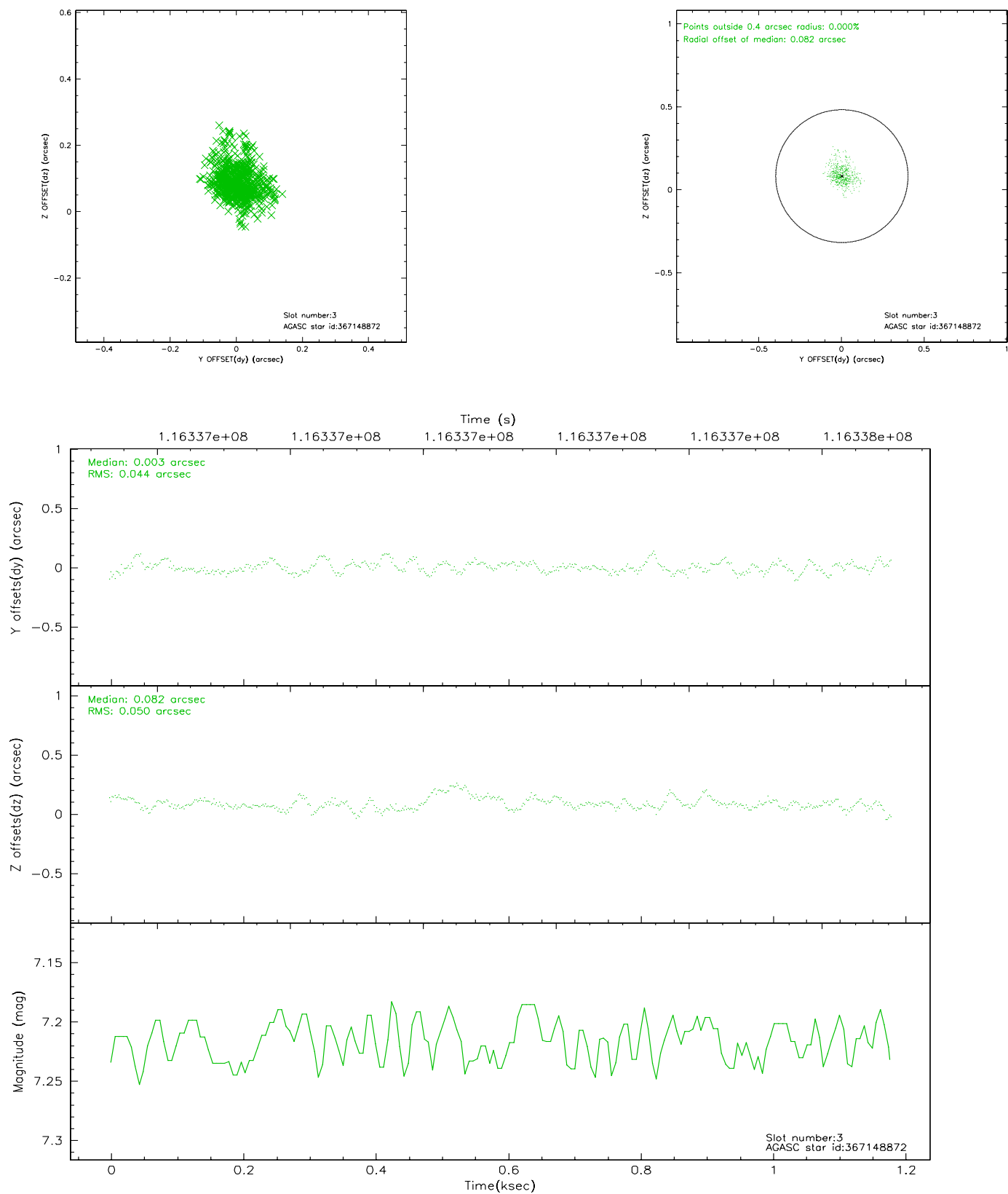


Slot Statistics

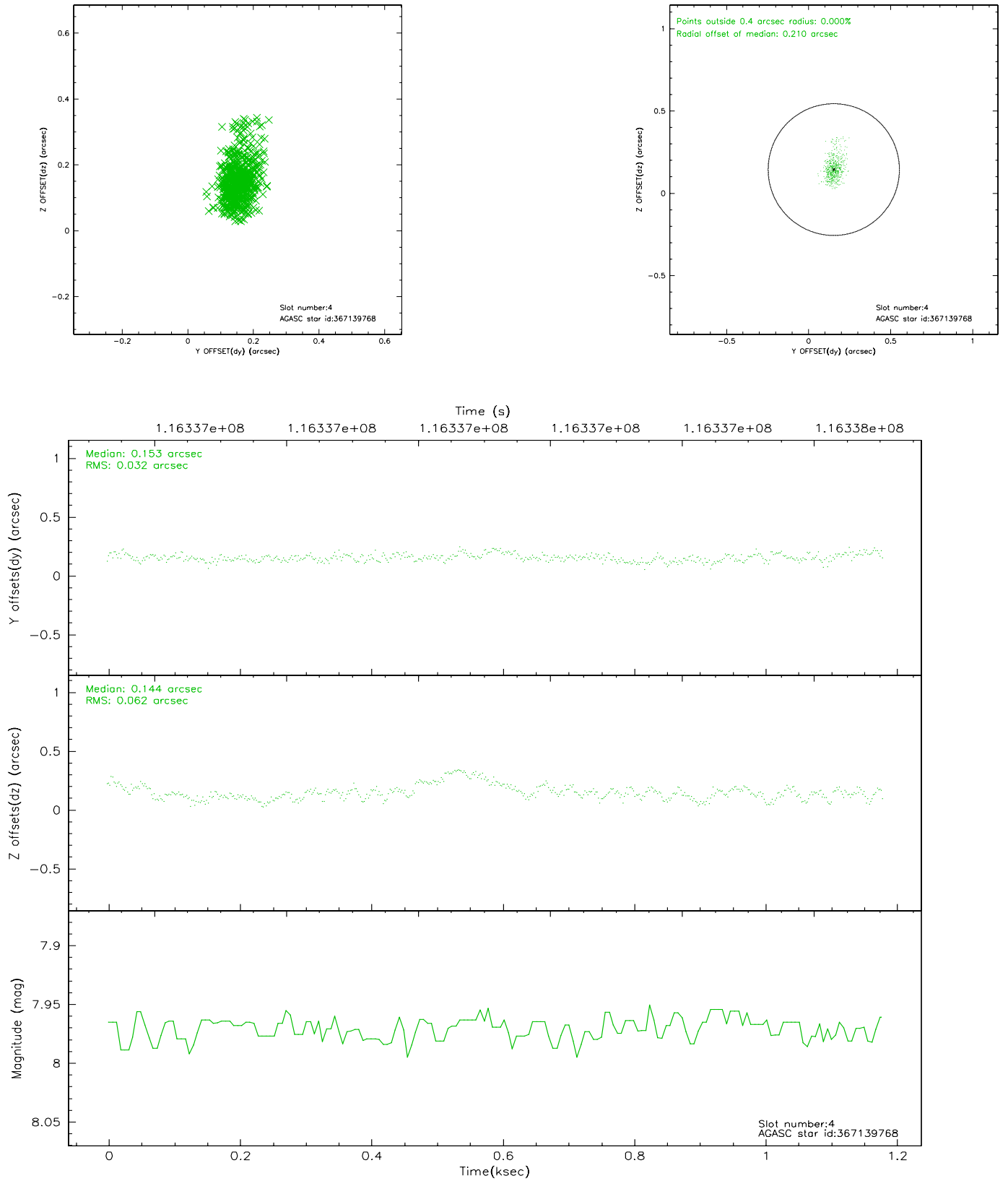
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-2	7.01	288	0.047	-0.029	0.006	0.010	0.000000	0.000000	854.57	-1293.69
1	FID	HRC-I-3	7.06	288	0.016	-0.023	0.006	0.011	0.000000	0.000000	-1183.63	1007.95
2	FID	HRC-I-4	7.00	288	0.057	-0.034	0.006	0.009	0.000000	0.000000	1280.61	1013.55
3	GUIDE	367148872	7.22	577	0.003	0.082	0.066	0.122	10.505940	40.688258	-822.13	-539.44
4	GUIDE	367139768	7.97	577	0.153	0.144	0.066	0.138	11.069715	40.685175	-2151.87	-1317.53
5	GUIDE	365436168	7.31	577	-0.085	-0.120	0.069	0.117	9.360006	40.332380	1241.27	2142.31
6	GUIDE	365442912	9.60	577	-0.090	0.022	0.113	0.172	9.345394	40.727461	1988.80	934.14
7	GUIDE	365430456	9.81	575	0.016	-0.121	0.128	0.444	9.910475	40.183950	-328.45	1853.11

2.4 Star Slots

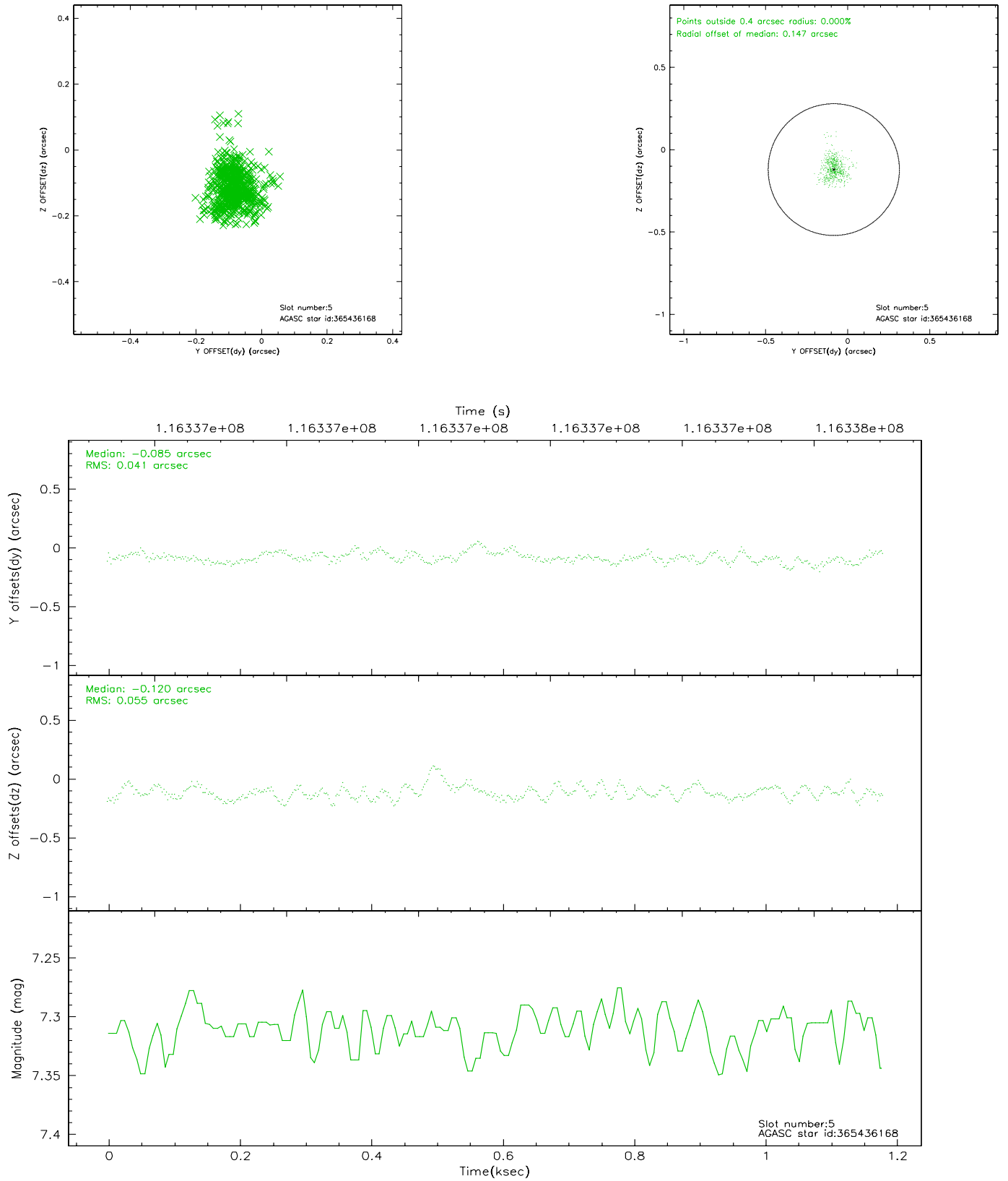
2.4.1 Slot 3



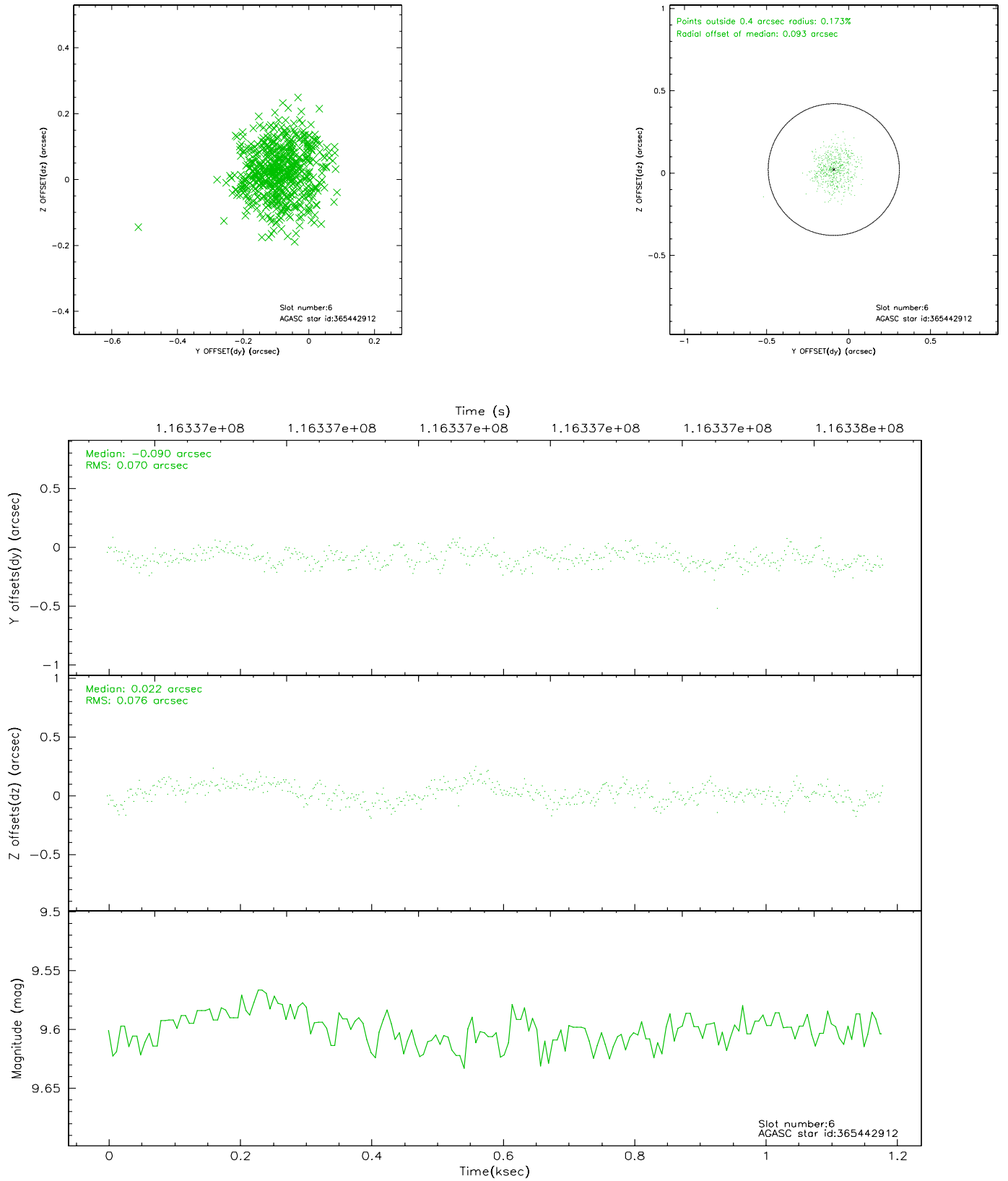
2.4.2 Slot 4



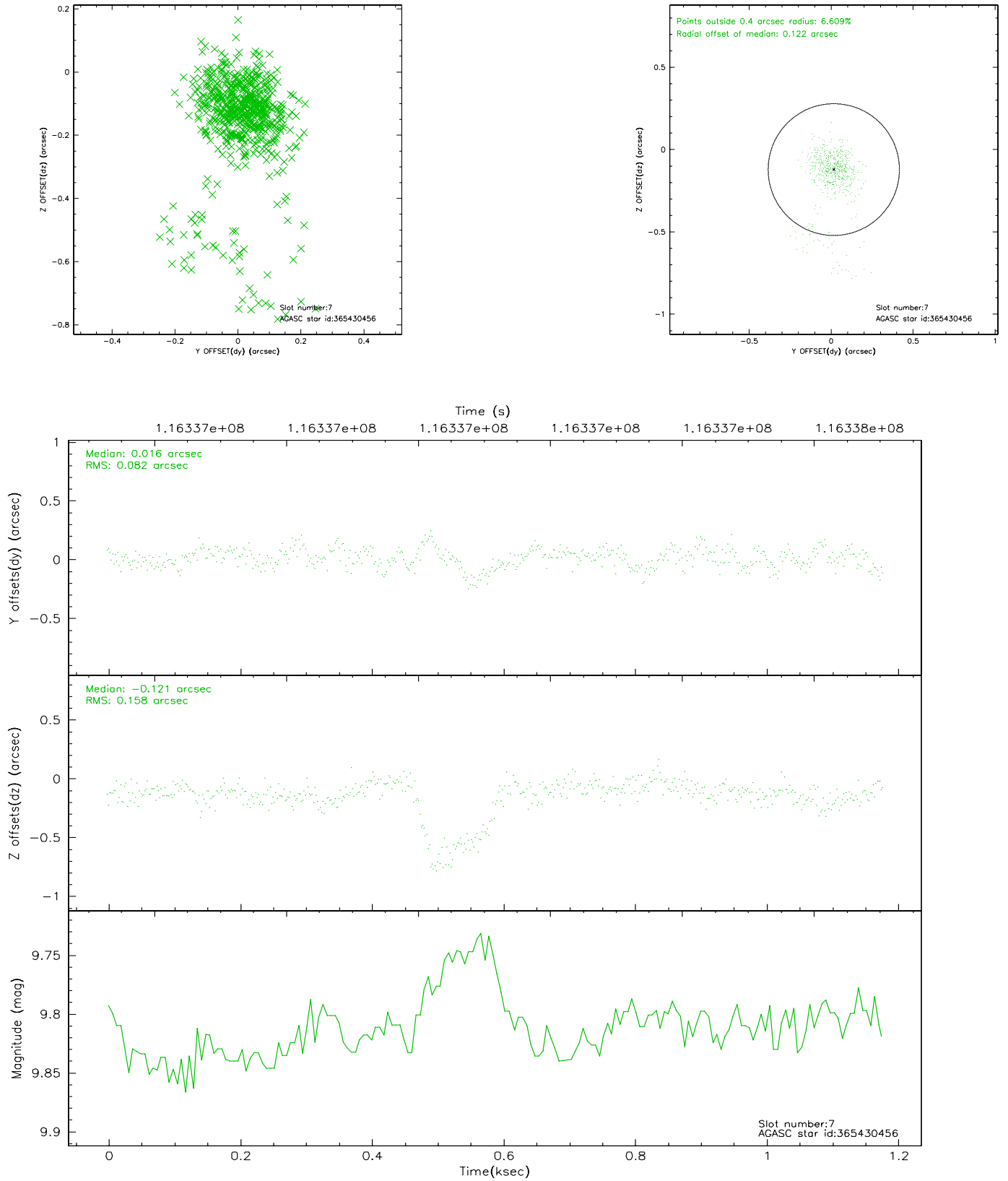
2.4.3 Slot 5



2.4.4 Slot 6

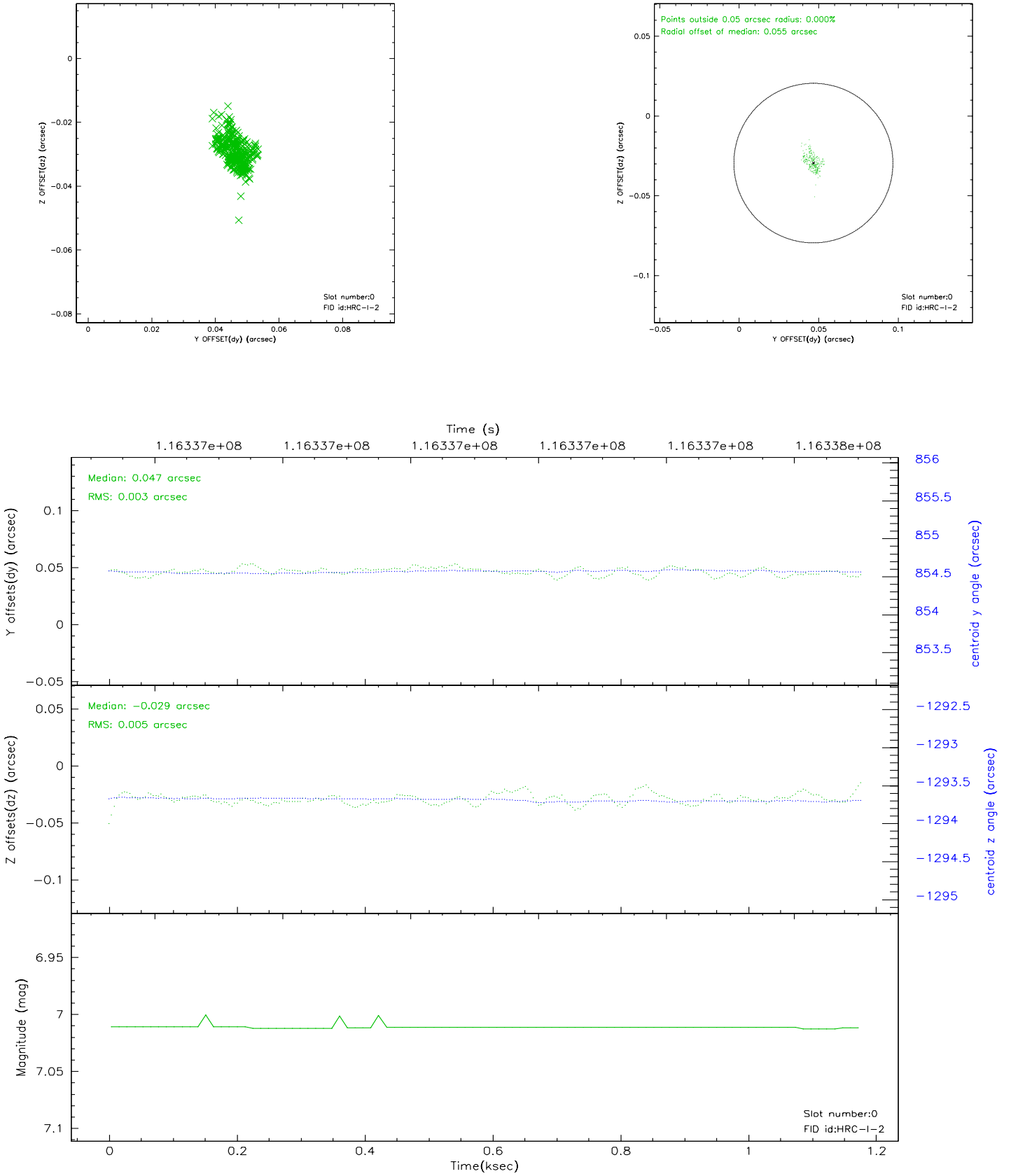


2.4.5 Slot 7

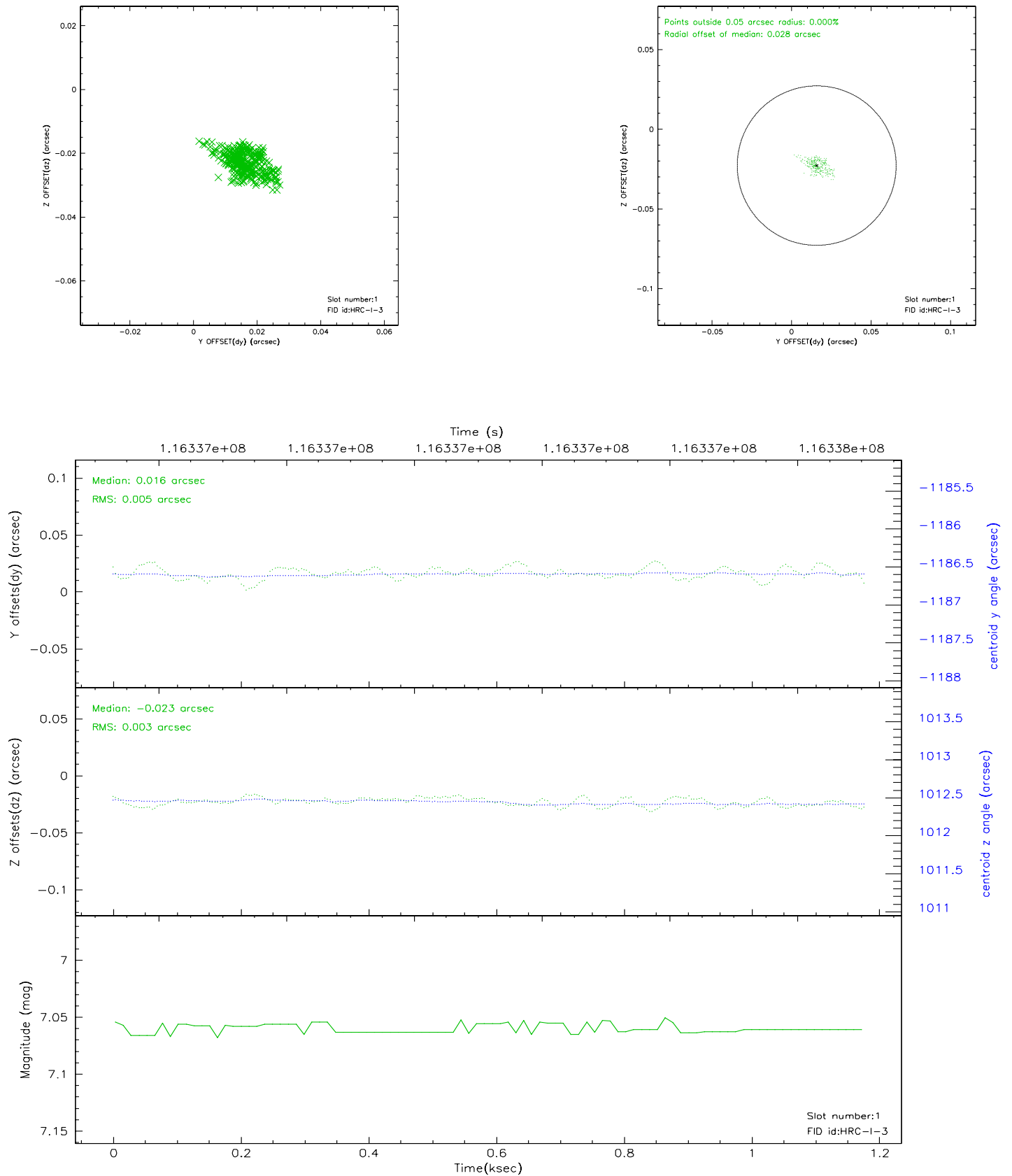


2.5 FID Slots

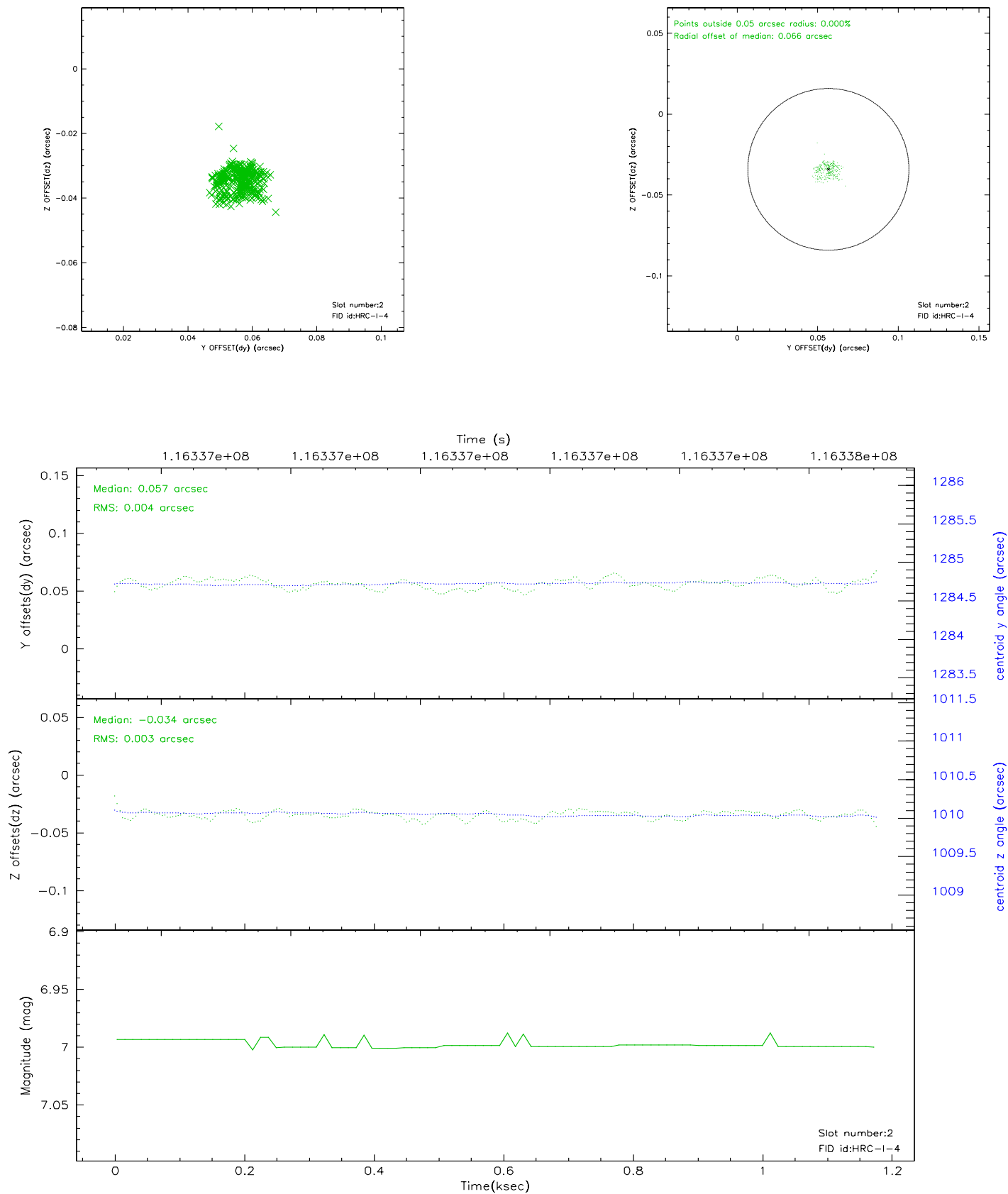
2.5.1 Slot 0



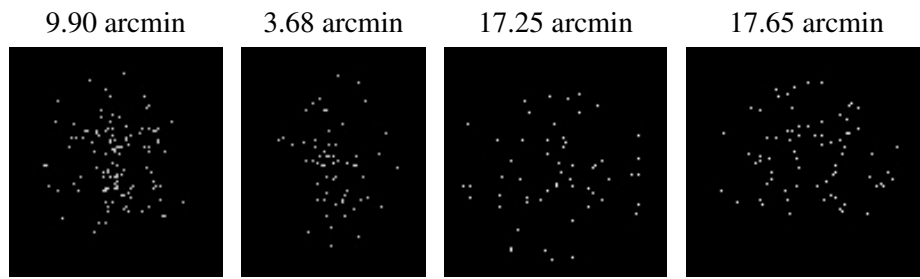
2.5.2 Slot 1



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	0.871

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.