

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 252 - L2 Version 4
Chandra X-Ray Center

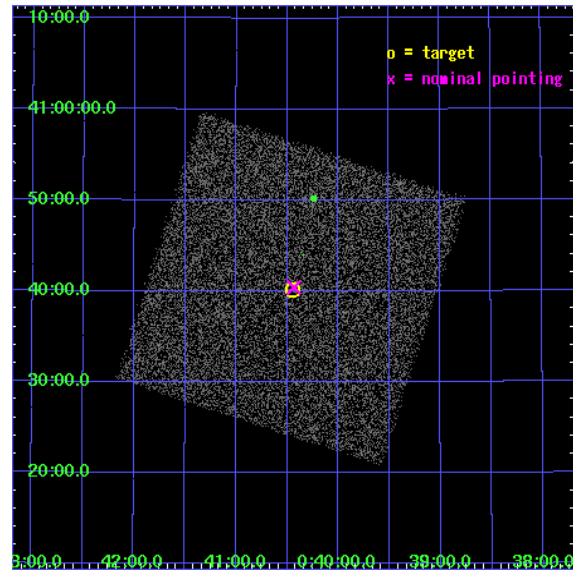
L2 Processing Date : Nov 20 2007

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1 Front

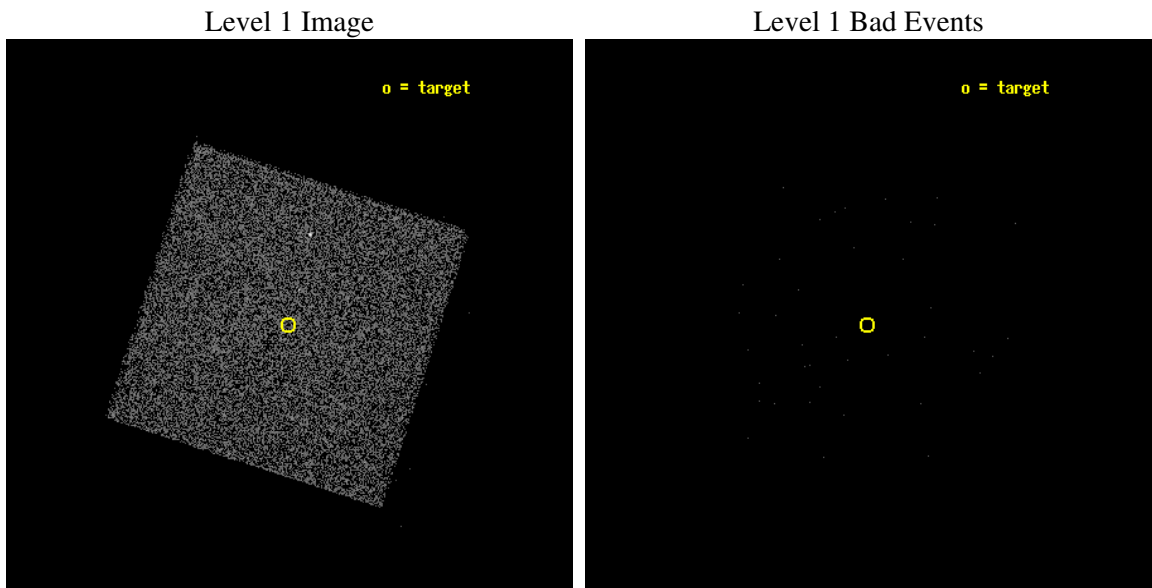
seq_num	600012
obs_id	252
title	MONITORING M31
observer	Dr. Stephen Murray
object	M31 - South 2
ra_targ	10.1125
dec_targ	40.67
ra_nom	10.108671040201
dec_nom	40.673550843601
roll_nom	152.92367550717
revision	4
ontime	1193.8687948585
livetime	1188.5795200749
l2events	26445



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	2007-11-21T01:48:22
revision	4

sched_exp_time	1000.000000
ontime	1193.8687948585
l1events	47653

2.1.3 Events

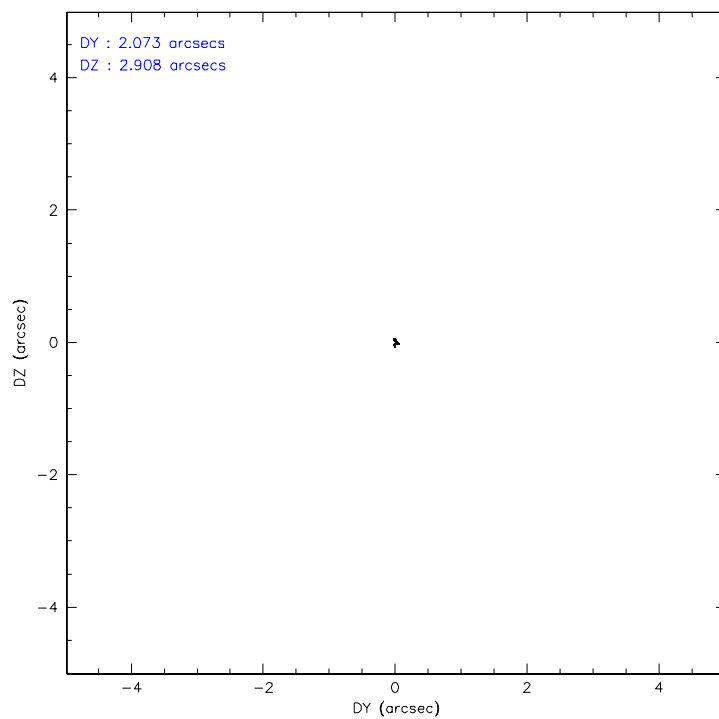
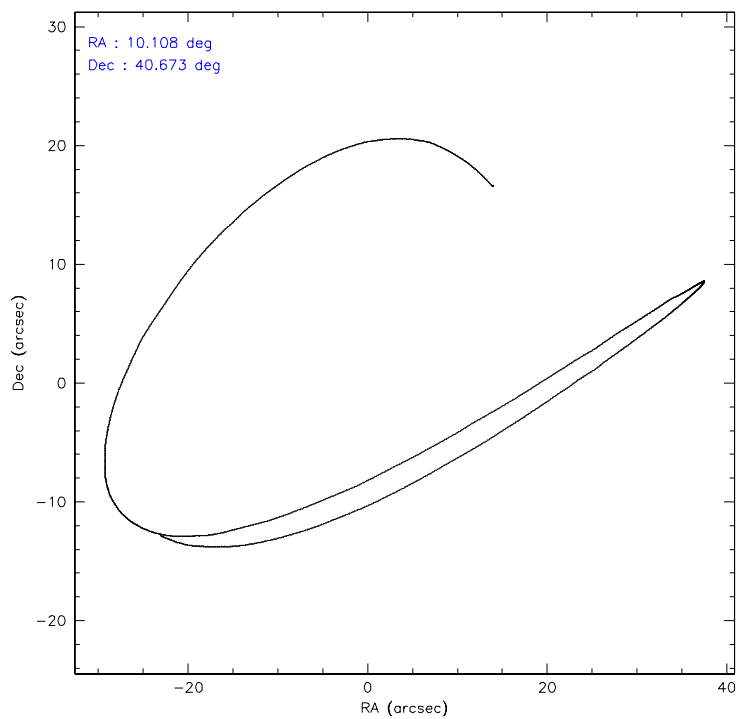
Level 1 Events

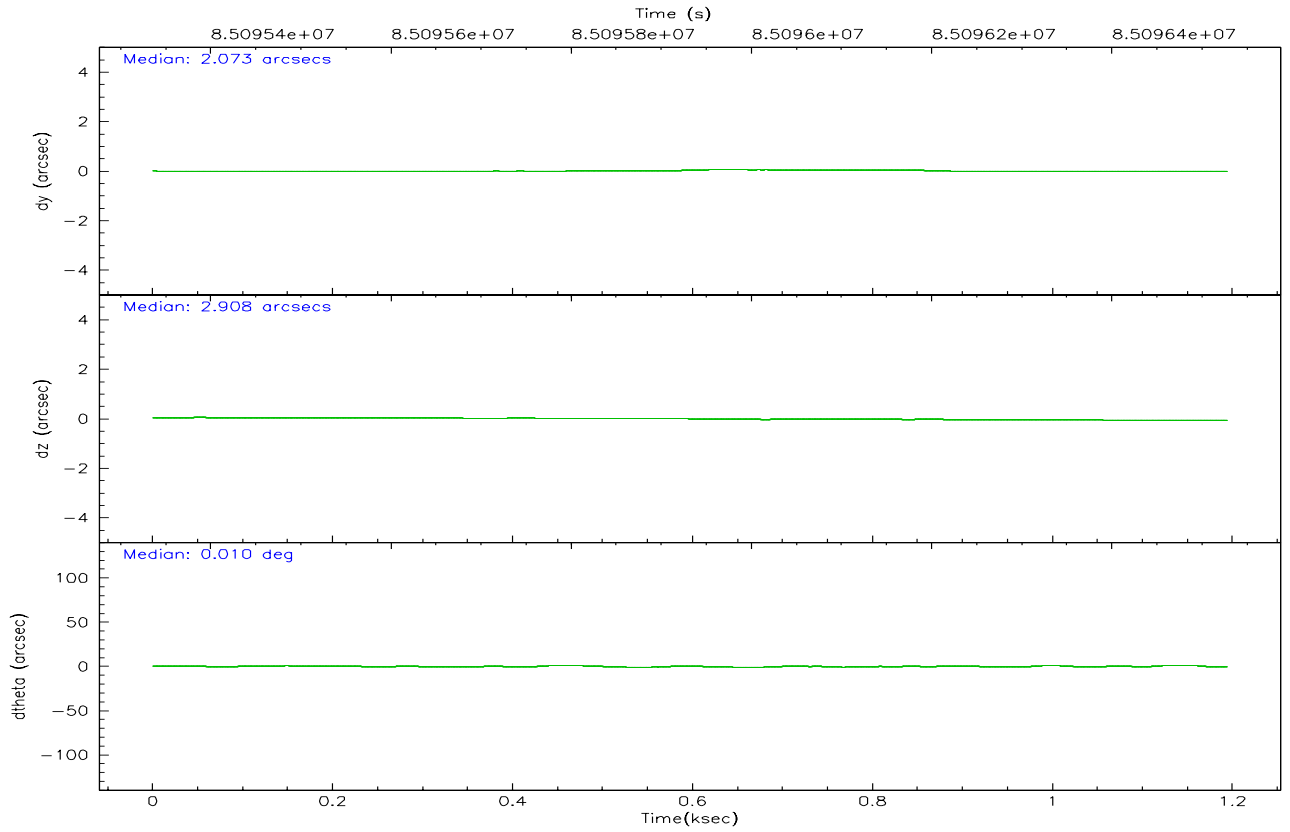
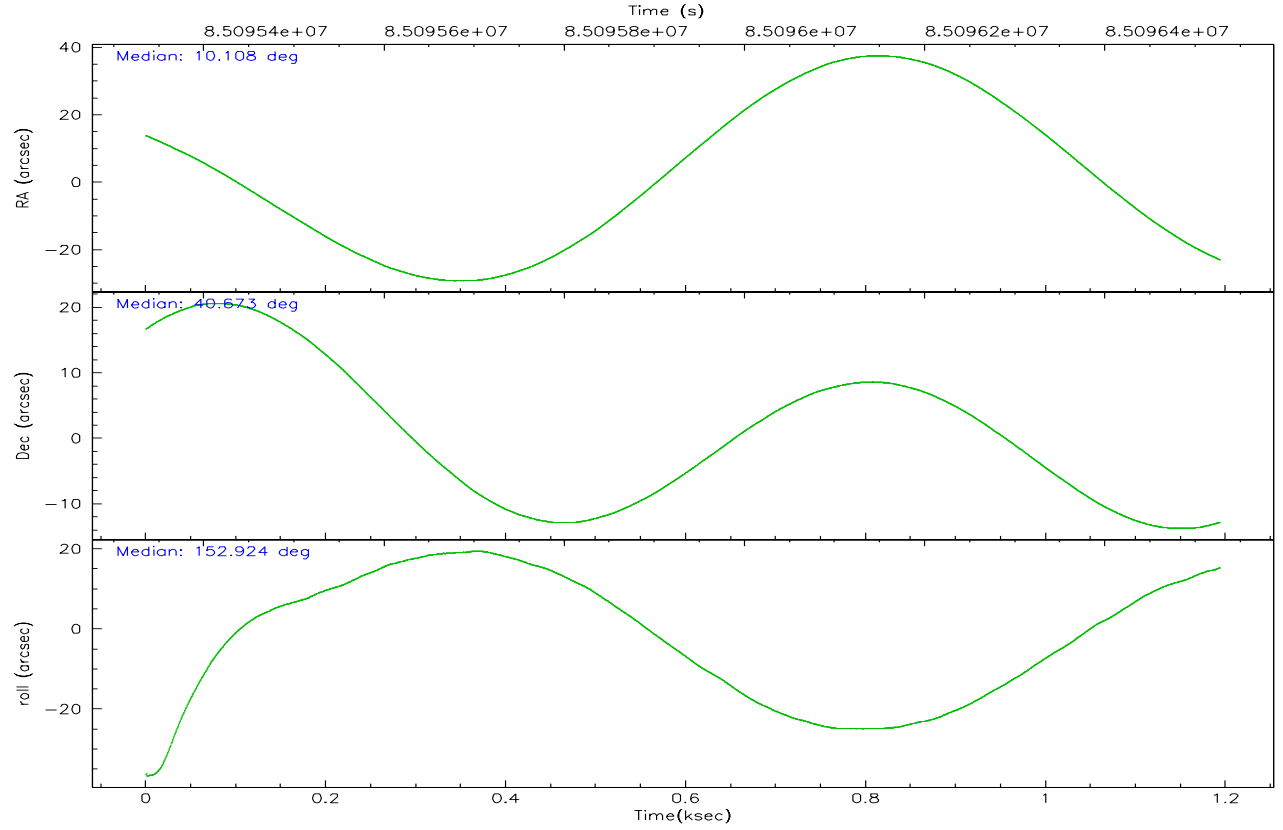
	segment 0
level 1 events	47653
rejected events	8065
rejected %	16%

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	10.144591	10.10867104020134			
Pointing Dec	40.675181	40.67355084360076			
Pointing Roll	152.995837	152.9236755071684			
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	85095530.184000	85095154.411956			
Observation start date	2000-09-11T21:37:46	2000-09-11T21:32:34			
Observation end time	85096530.184000	85097113.69953001			
Observation end date	2000-09-11T21:54:26	2000-09-11T22:05:13			

2.3 Aspect



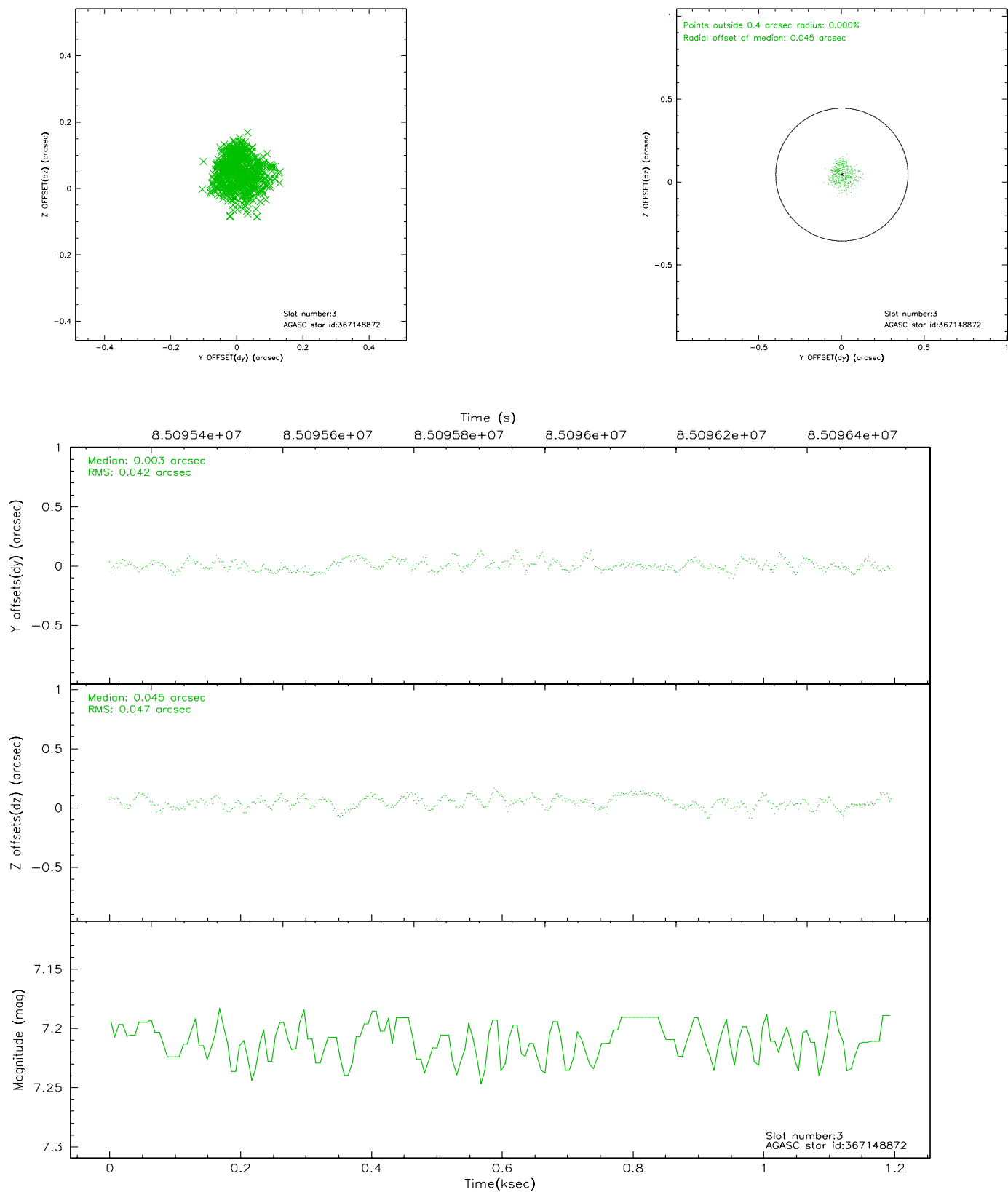


Slot Statistics

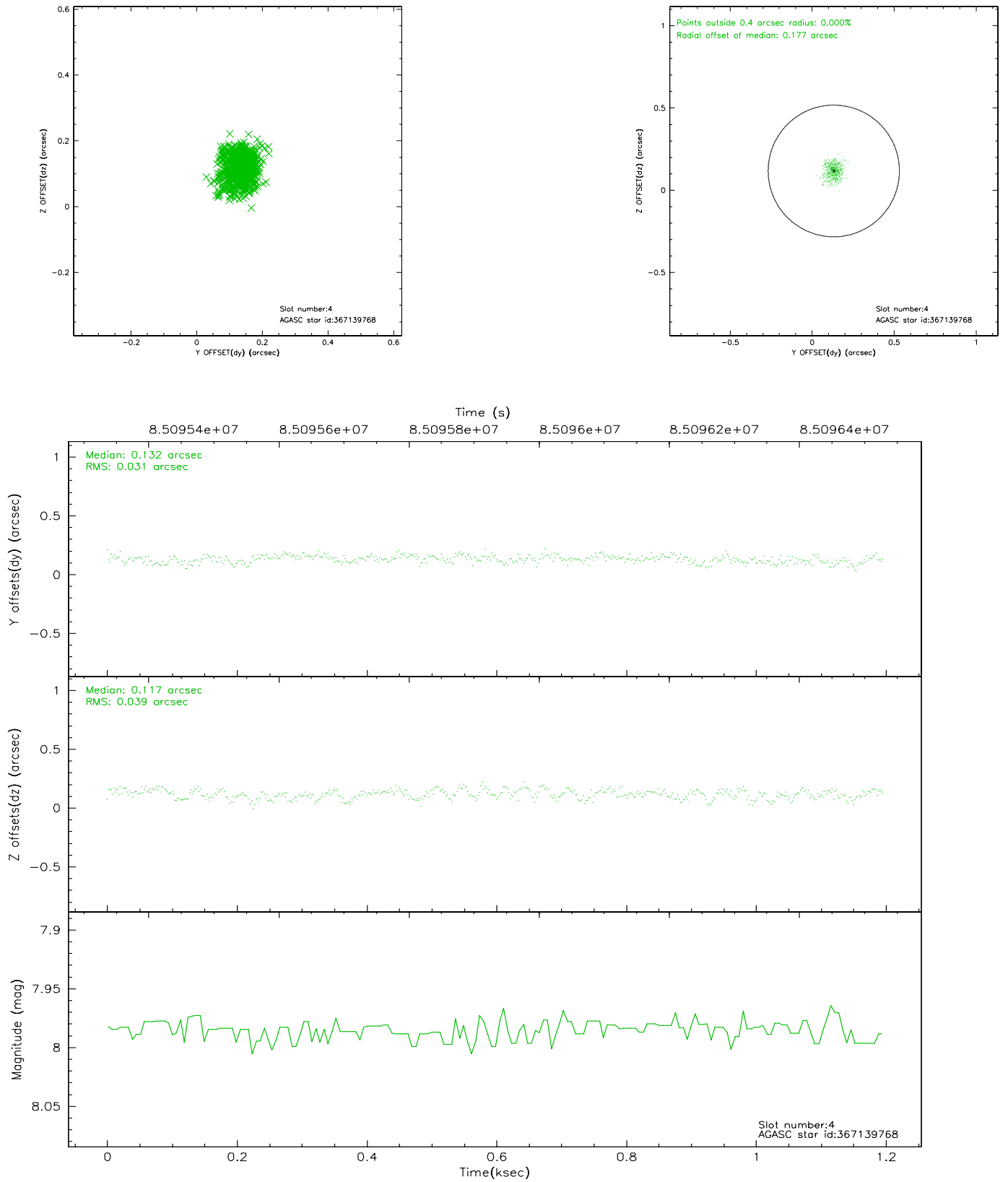
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-2	6.99	292	0.064	-0.025	0.006	0.009	0.000000	0.000000	855.12	-1292.25
1	FID	HRC-I-3	7.04	292	0.036	-0.008	0.005	0.012	0.000000	0.000000	-1183.03	1009.53
2	FID	HRC-I-4	6.99	292	0.020	-0.054	0.006	0.010	0.000000	0.000000	1281.25	1014.90
3	GUIDE	367148872	7.21	584	0.003	0.045	0.068	0.102	10.505940	40.688258	-856.76	-490.51
4	GUIDE	367139768	7.98	584	0.132	0.117	0.054	0.086	11.069715	40.685175	-2229.29	-1190.33
5	GUIDE	365439720	8.47	584	-0.127	-0.063	0.064	0.095	9.704623	40.431022	672.30	1326.82
6	GUIDE	367144424	8.65	584	0.068	-0.069	0.060	0.096	10.464515	40.309136	-1379.12	777.12
7	GUIDE	365442912	9.60	583	-0.079	-0.045	0.096	0.145	9.345394	40.727461	2029.95	815.85

2.4 Star Slots

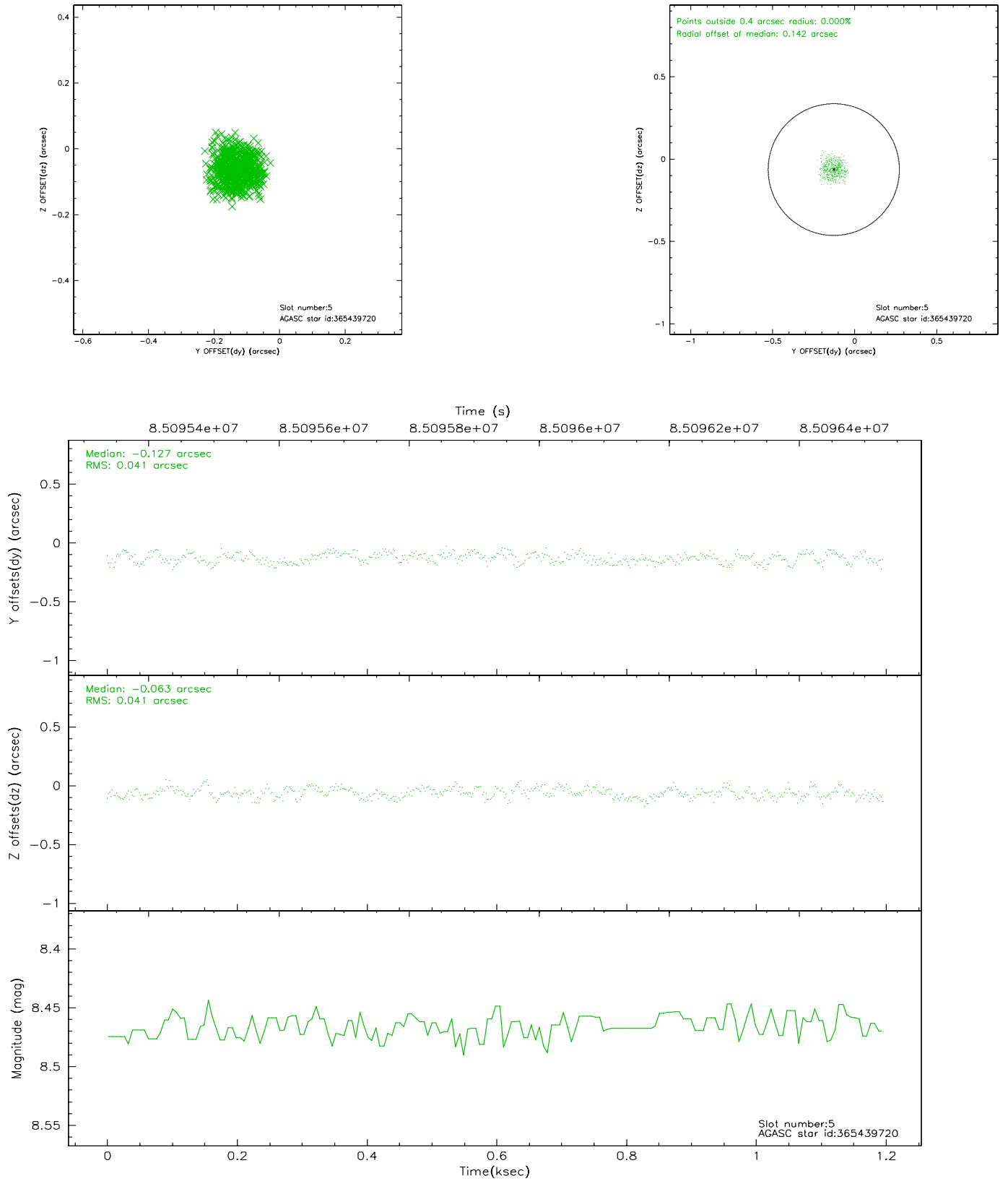
2.4.1 Slot 3



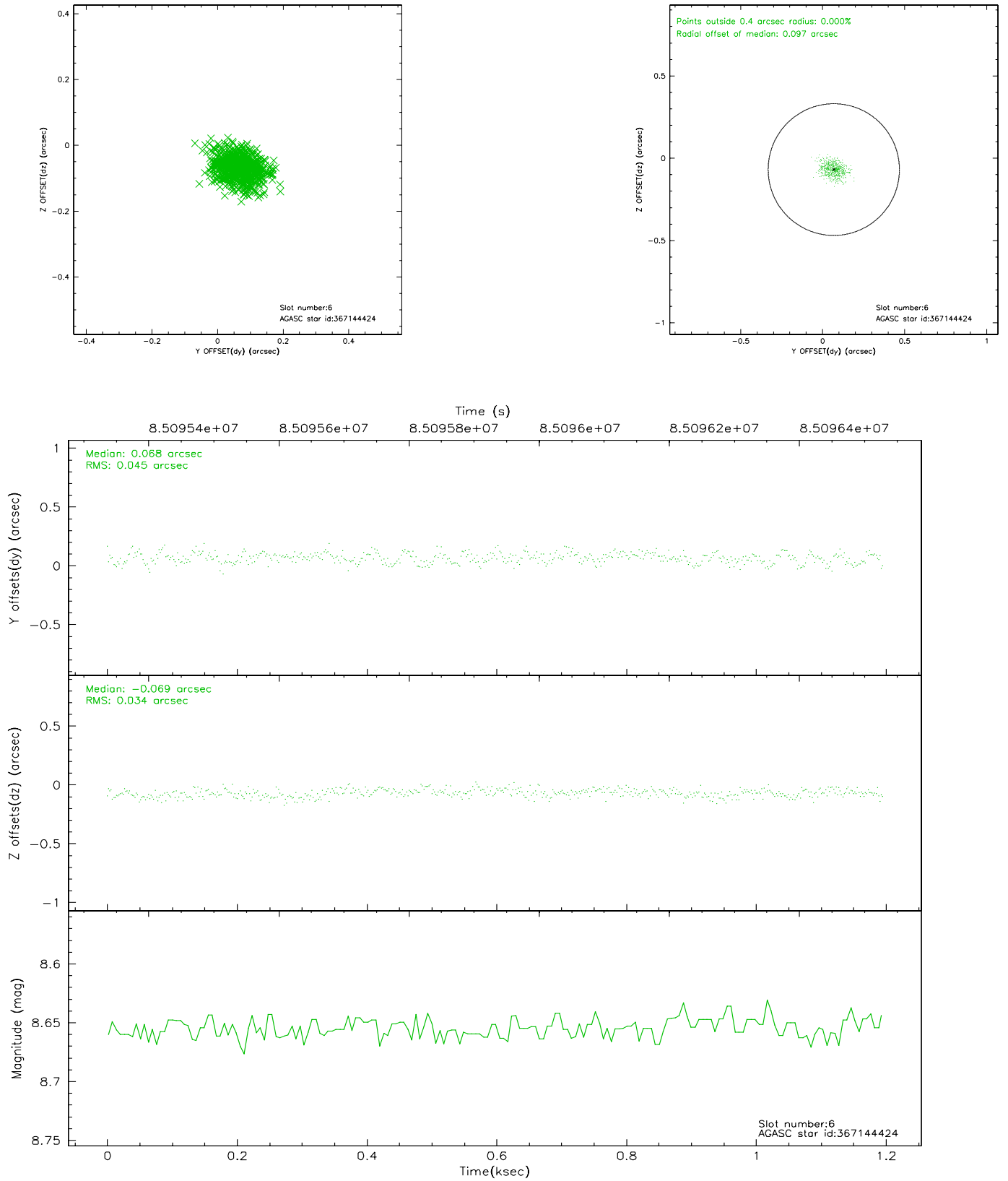
2.4.2 Slot 4



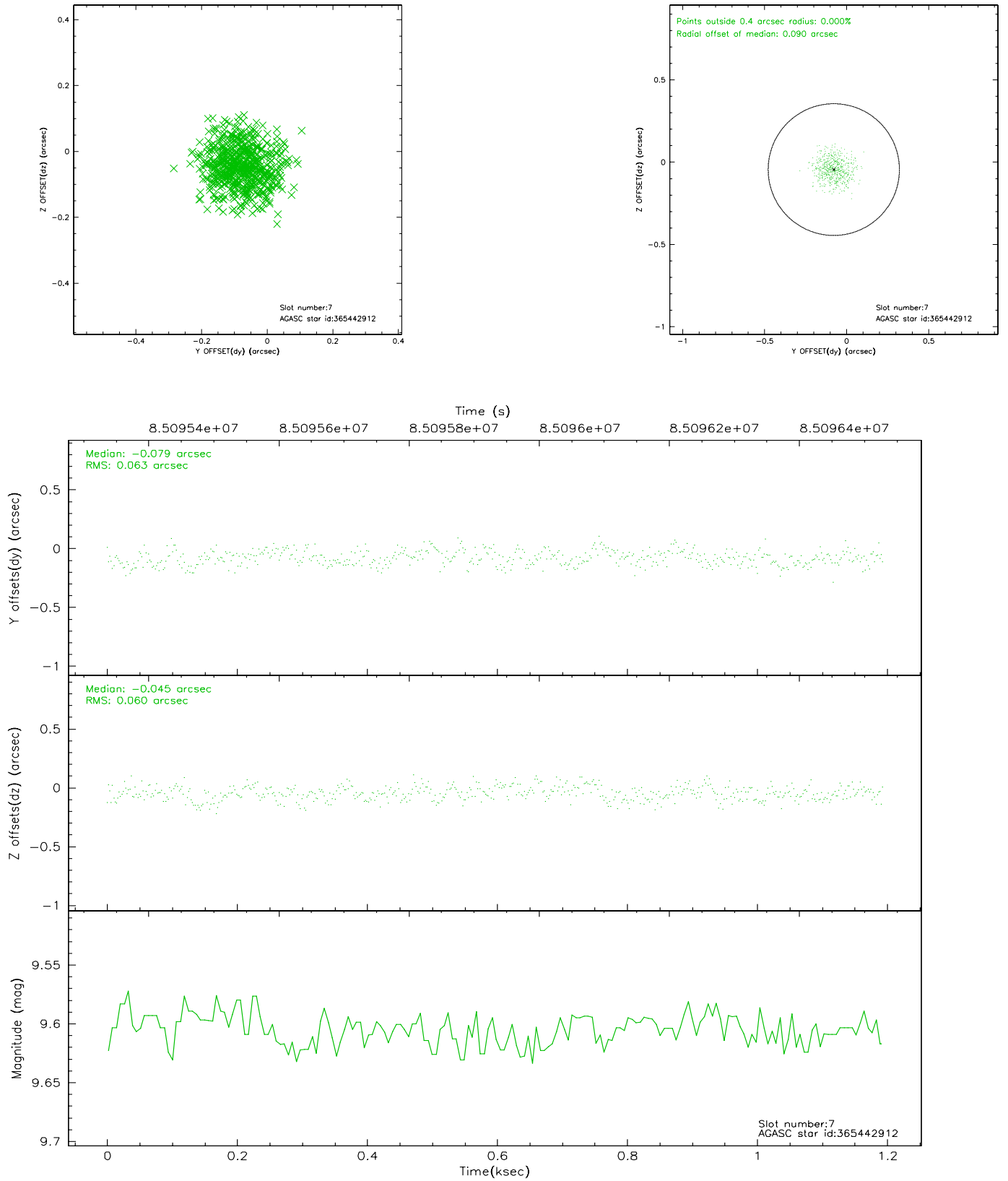
2.4.3 Slot 5



2.4.4 Slot 6

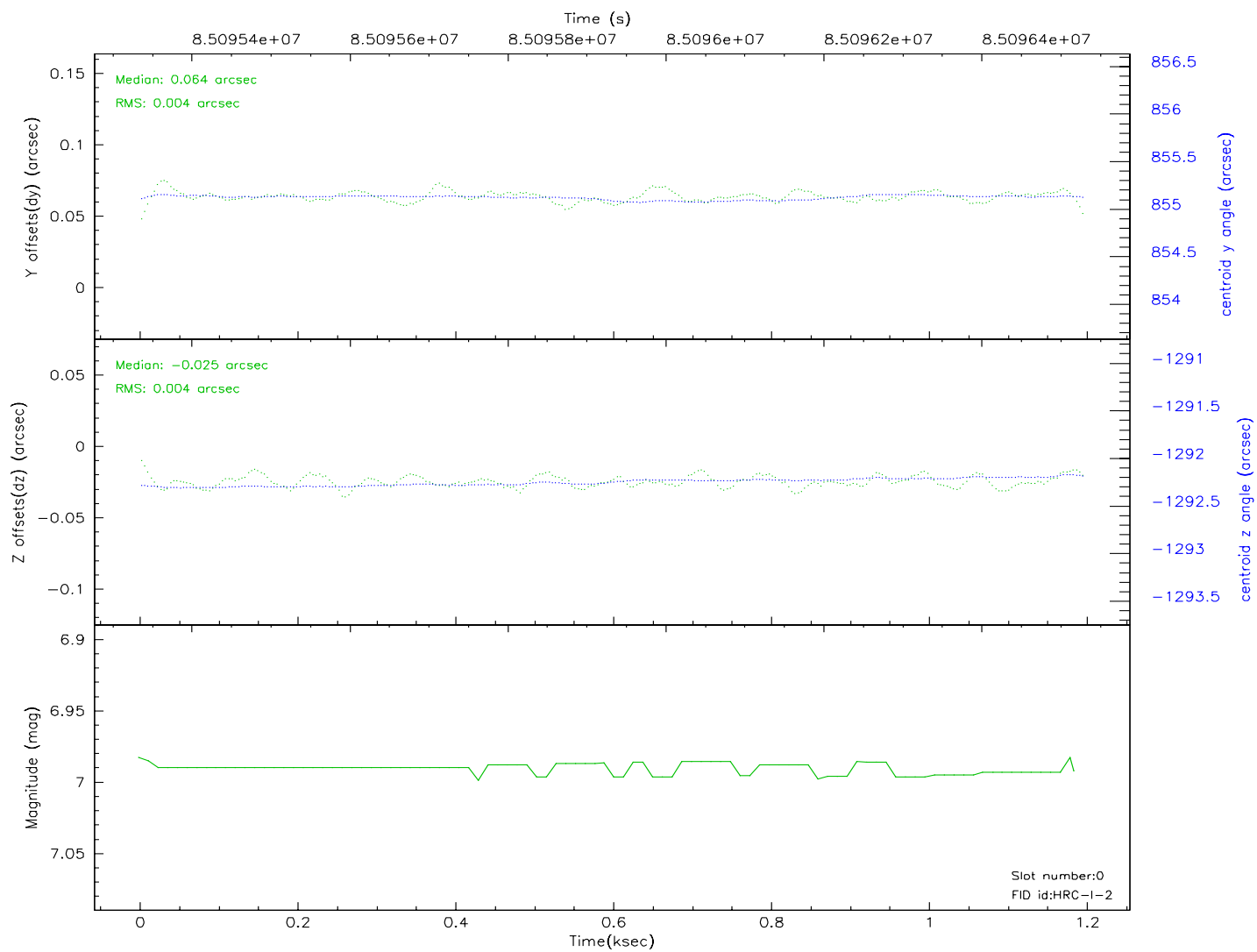
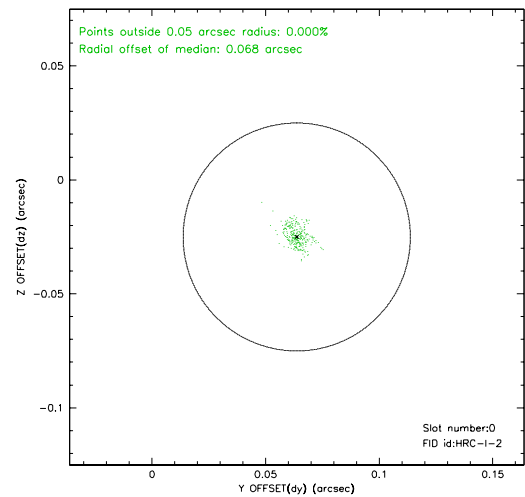
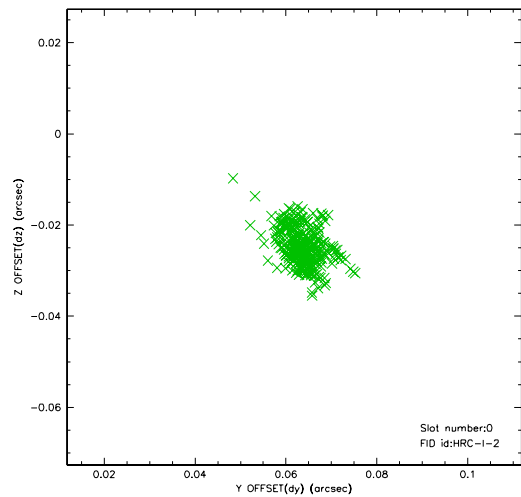


2.4.5 Slot 7

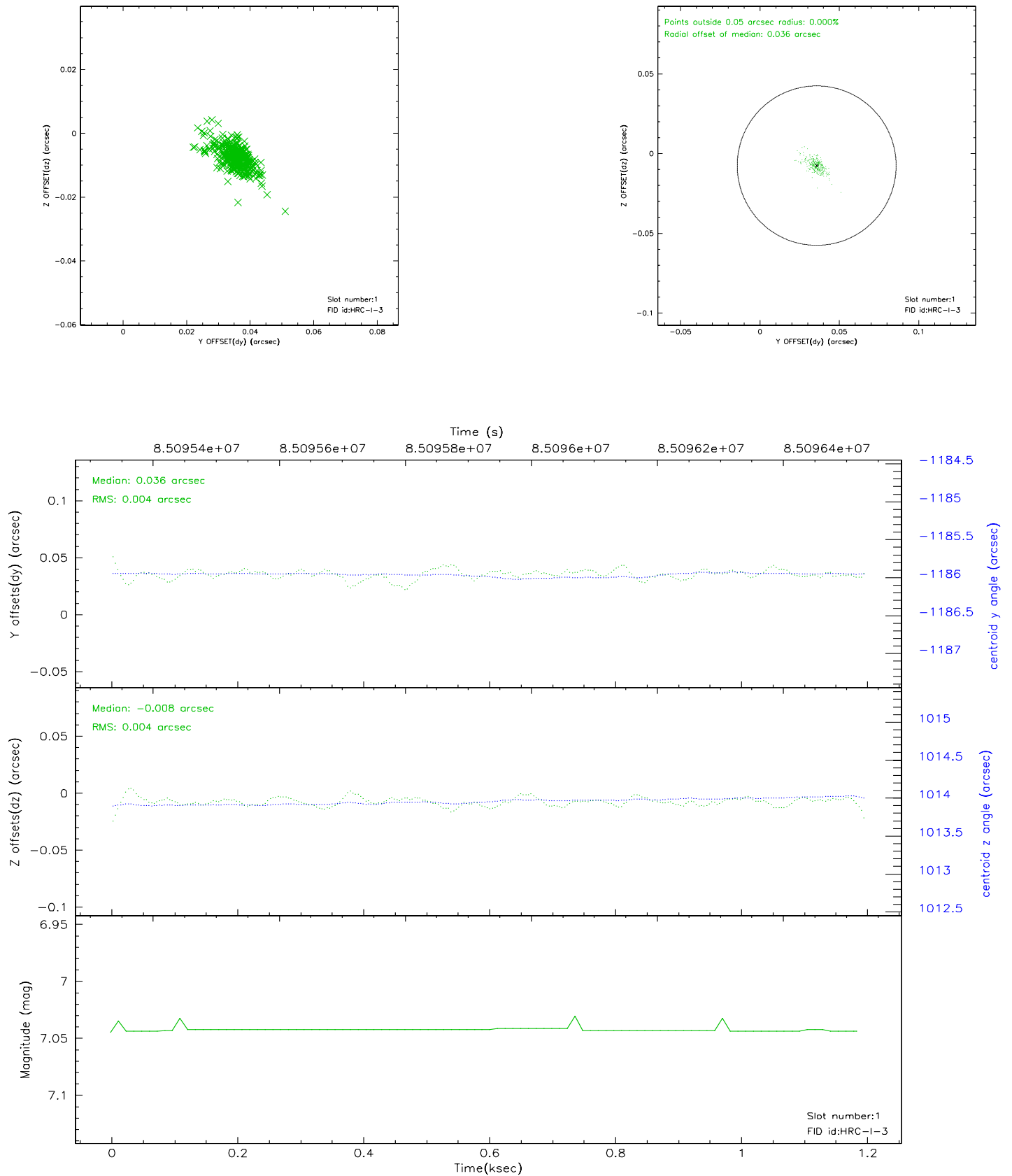


2.5 FID Slots

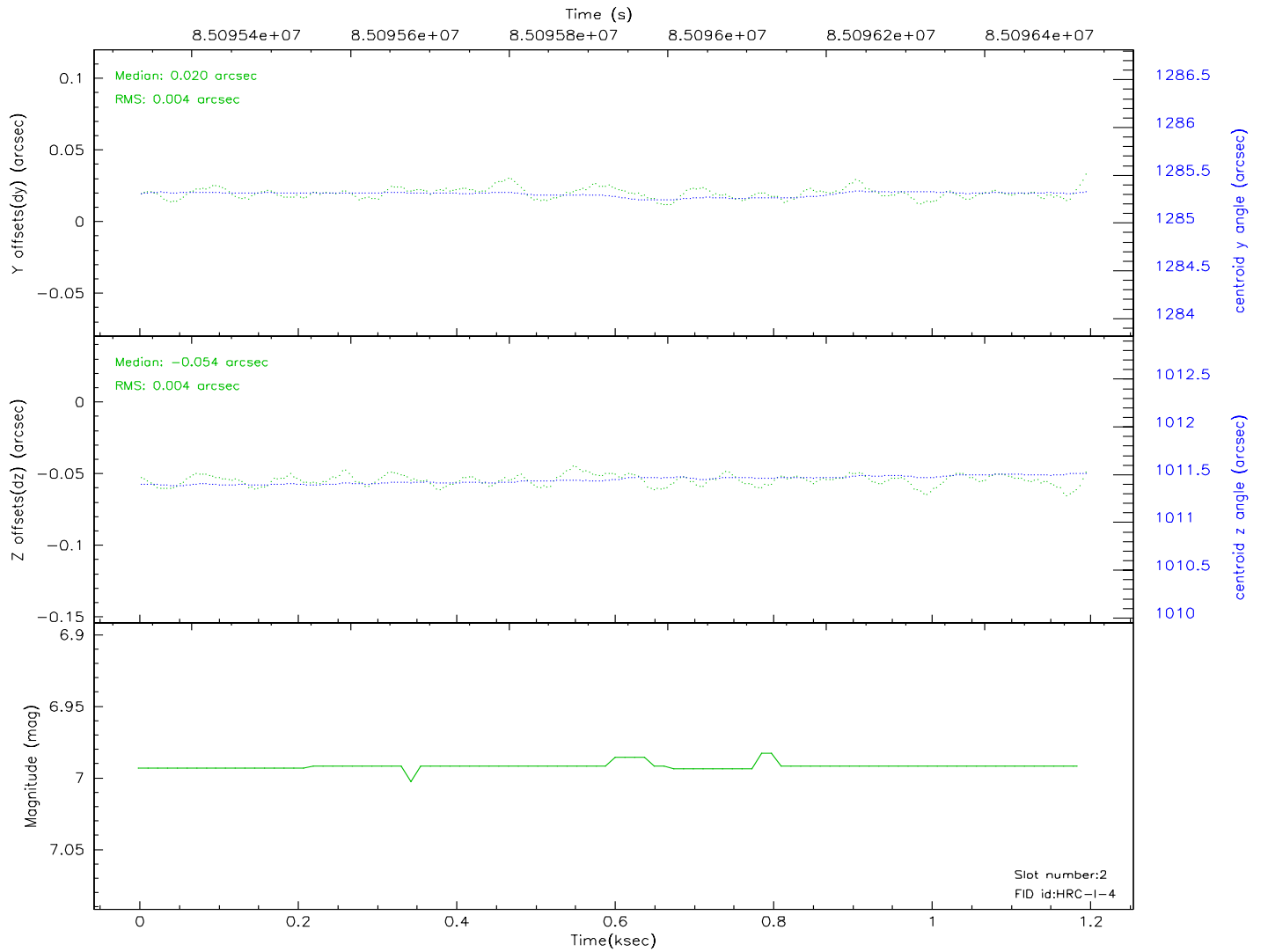
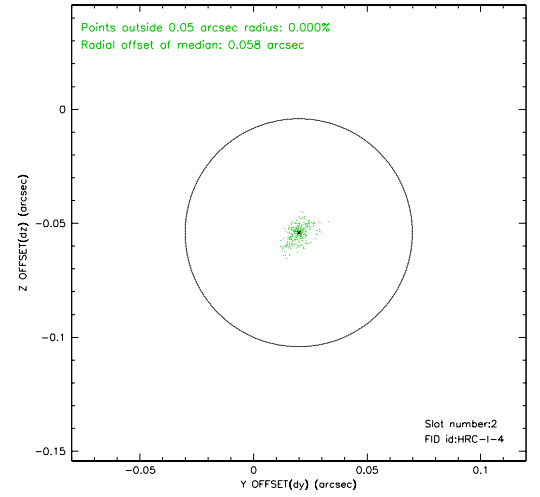
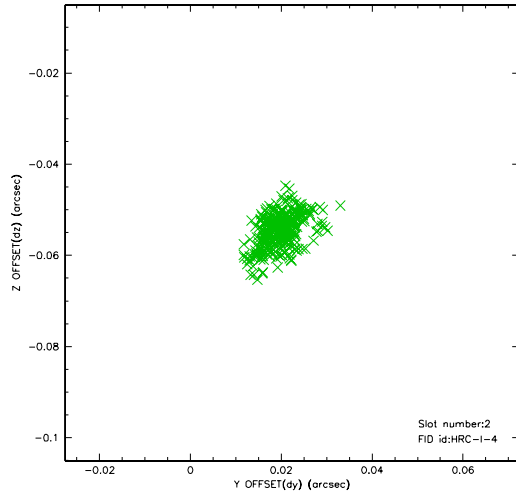
2.5.1 Slot 0



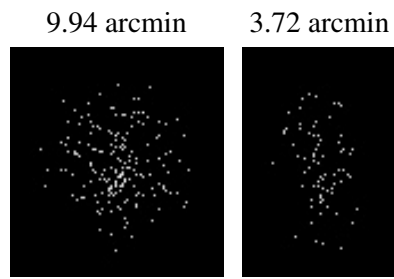
2.5.2 Slot 1



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	1.194

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.