

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 300 - L2 Version 4
Chandra X-Ray Center

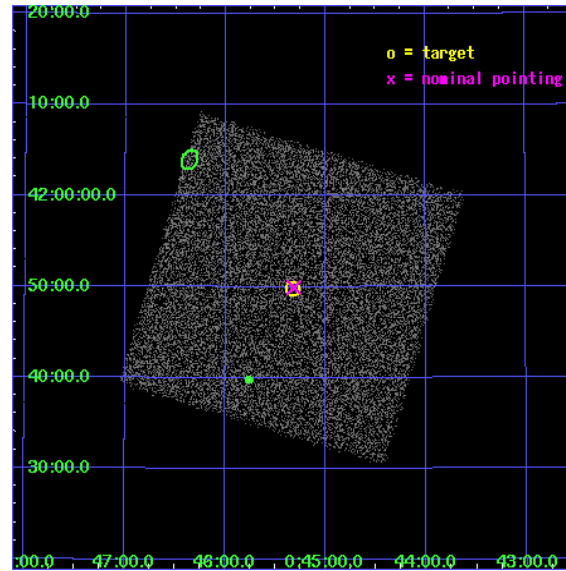
L2 Processing Date : Nov 20 2007

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1 Front

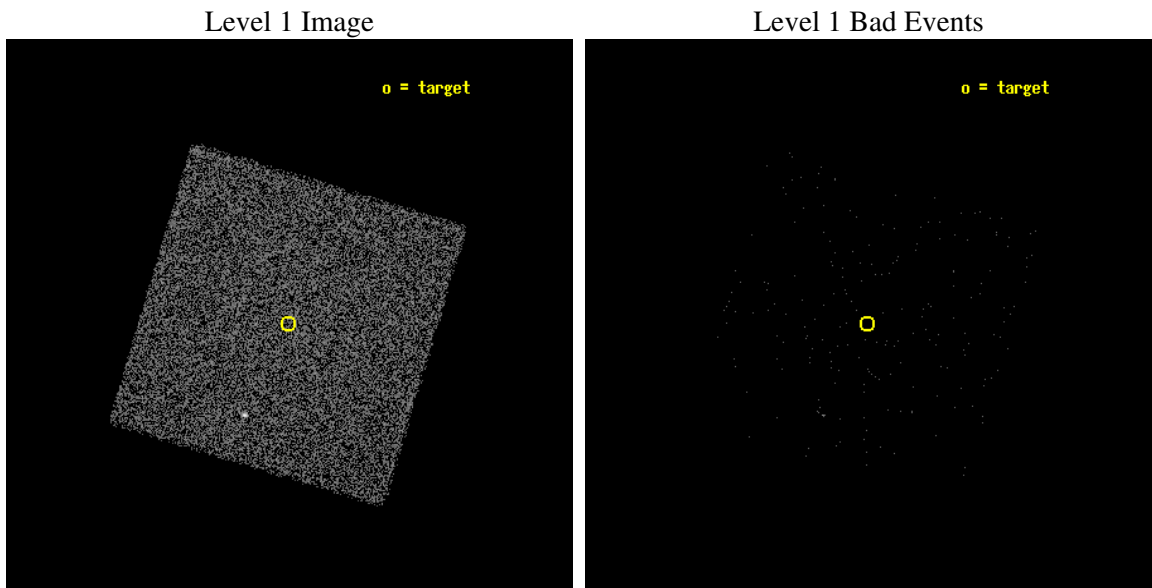
seq_num	600060
obs_id	300
title	MONITORING M31
observer	Dr. Stephen Murray
object	M31 - North 2
ra_targ	11.333333
dec_targ	41.829722
ra_nom	11.328978826833
dec_nom	41.832345835641
roll_nom	151.8025323717
revision	4
ontime	1155.431293413
livetime	1150.2911540916
l2events	25522



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	2007-11-21T01:06:02
revision	4

sched_exp_time	1000.000000
ontime	1155.431293413
l1events	70186

2.1.3 Events

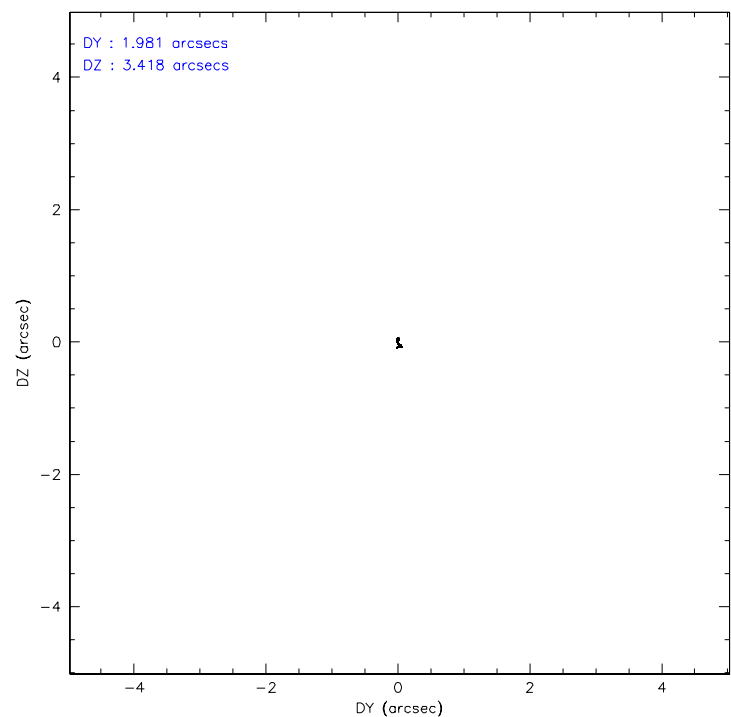
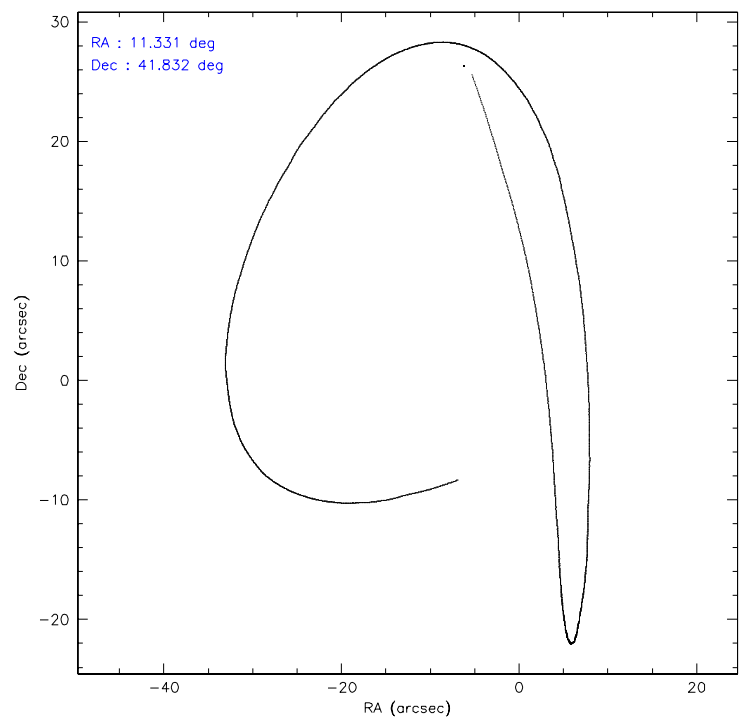
Level 1 Events

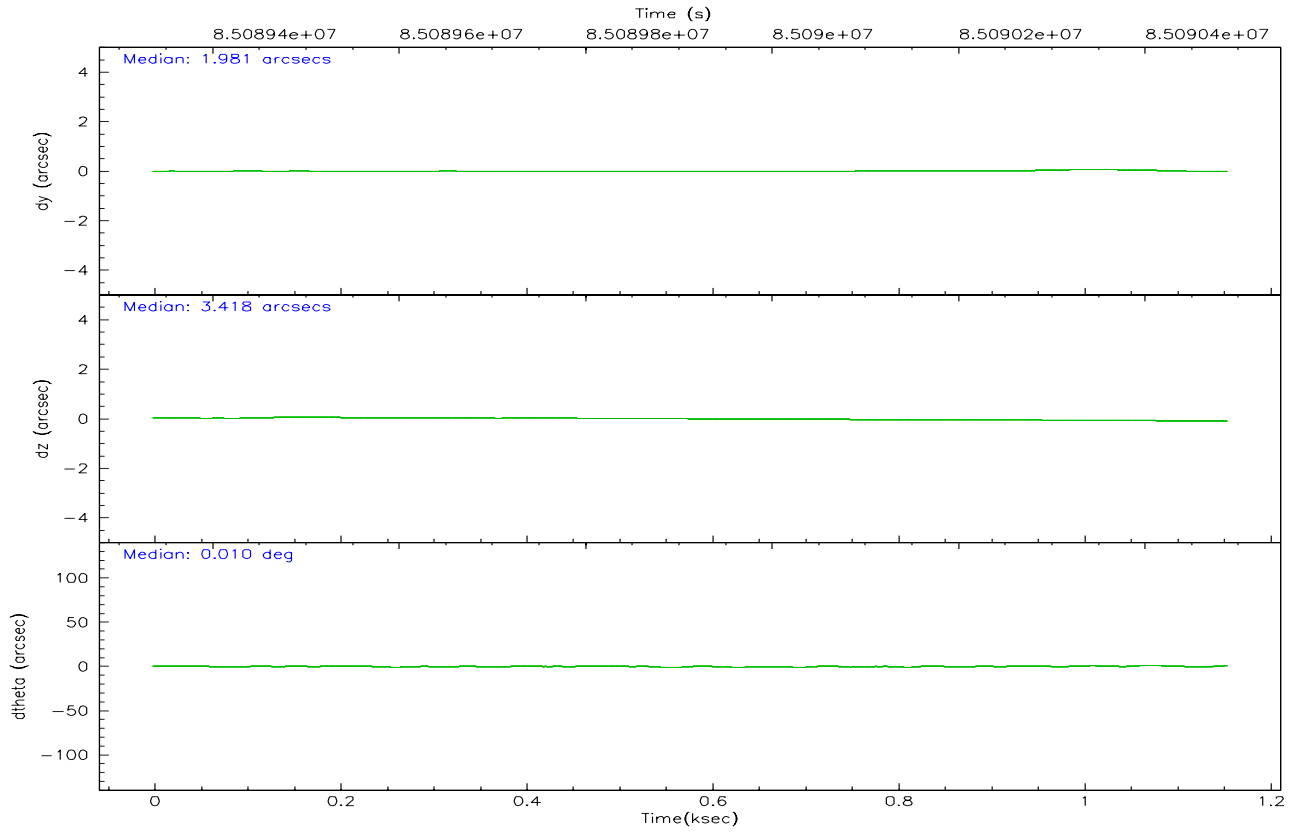
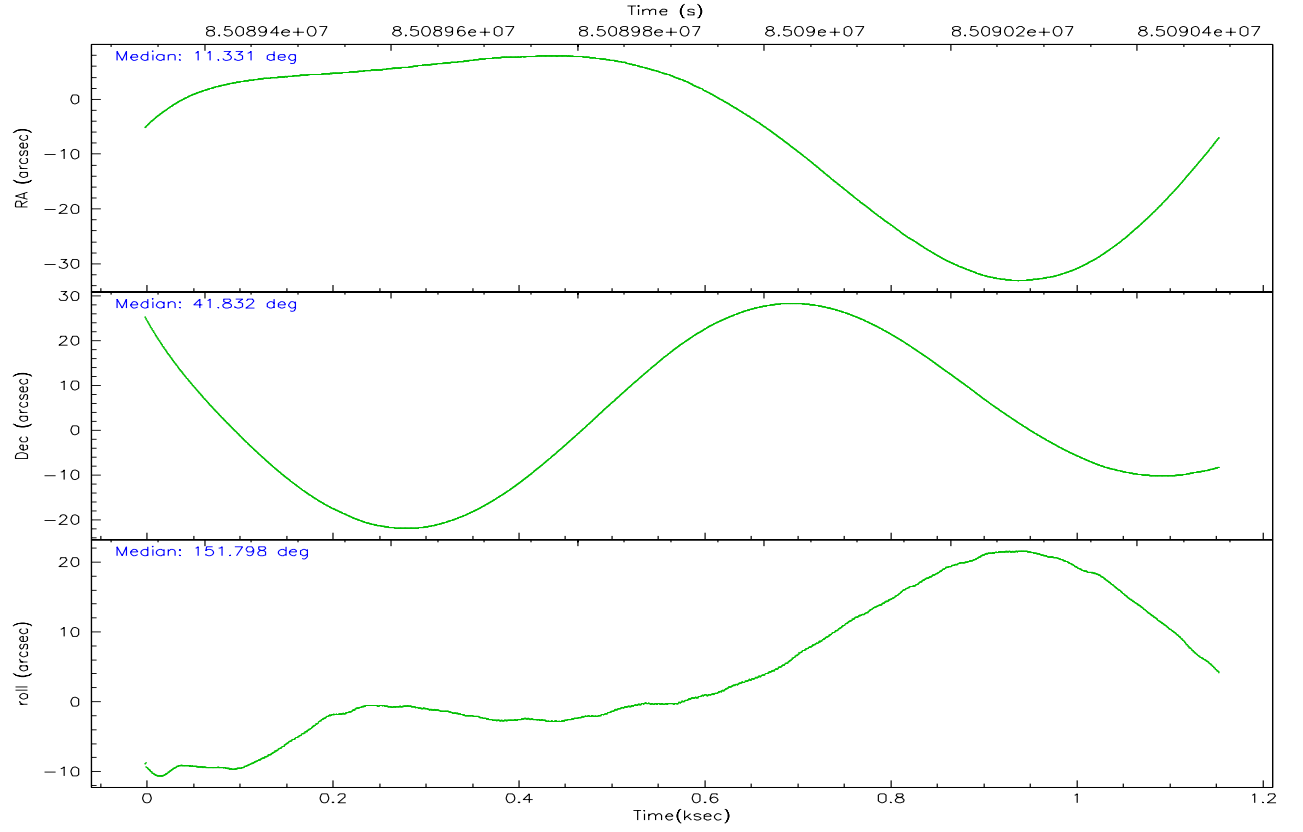
	segment 0
level 1 events	70186
rejected events	31688
rejected %	45%

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	11.366129	11.32897882683325			
Pointing Dec	41.834431	41.83234583564111			
Pointing Roll	151.873320	151.8025323717029			
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	85089490.184000	85088517.024207			
Observation start date	2000-09-11T19:57:06	2000-09-11T19:41:57			
Observation end time	85090490.184000	85090624.42428599			
Observation end date	2000-09-11T20:13:46	2000-09-11T20:17:04			

2.3 Aspect



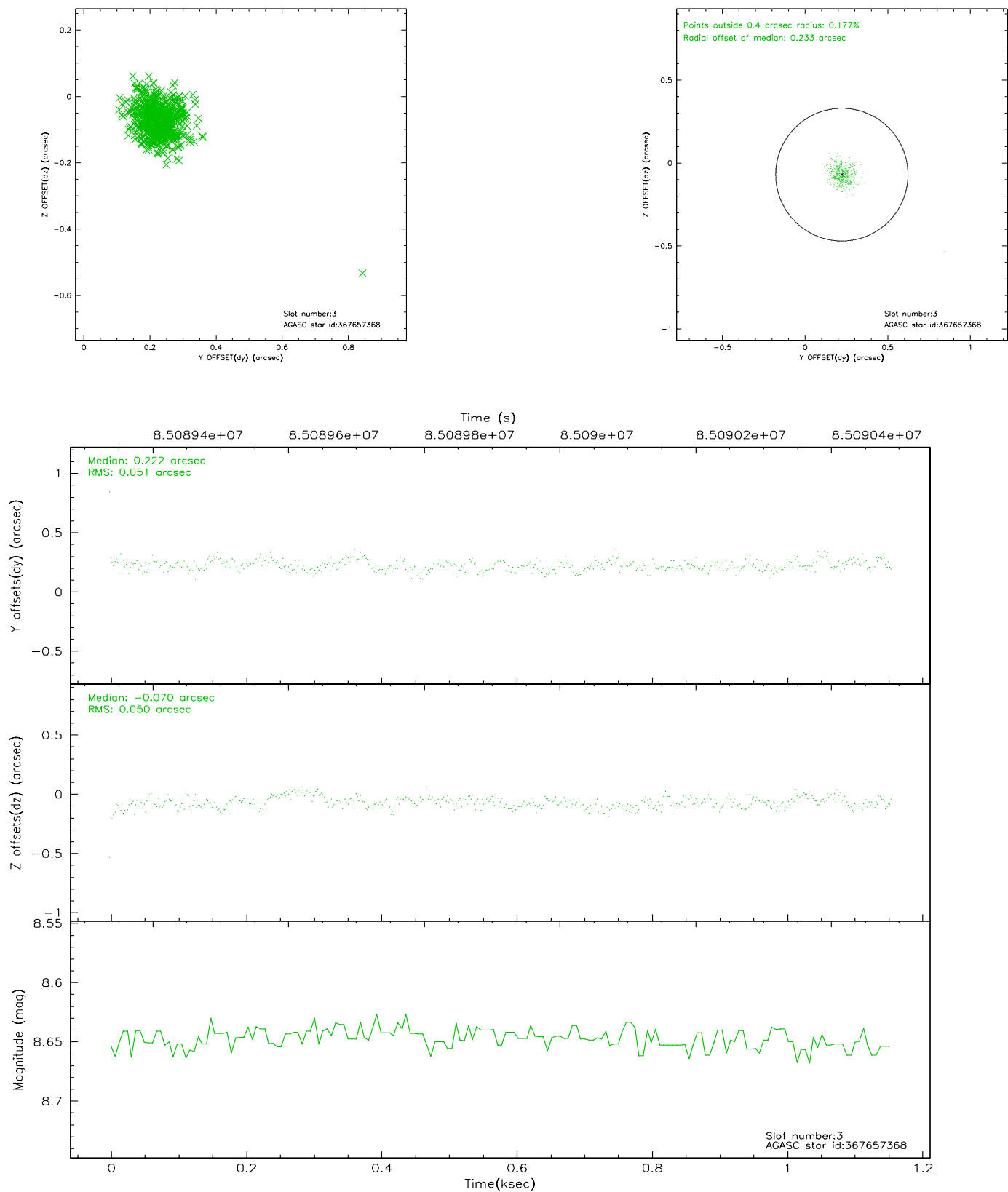


Slot Statistics

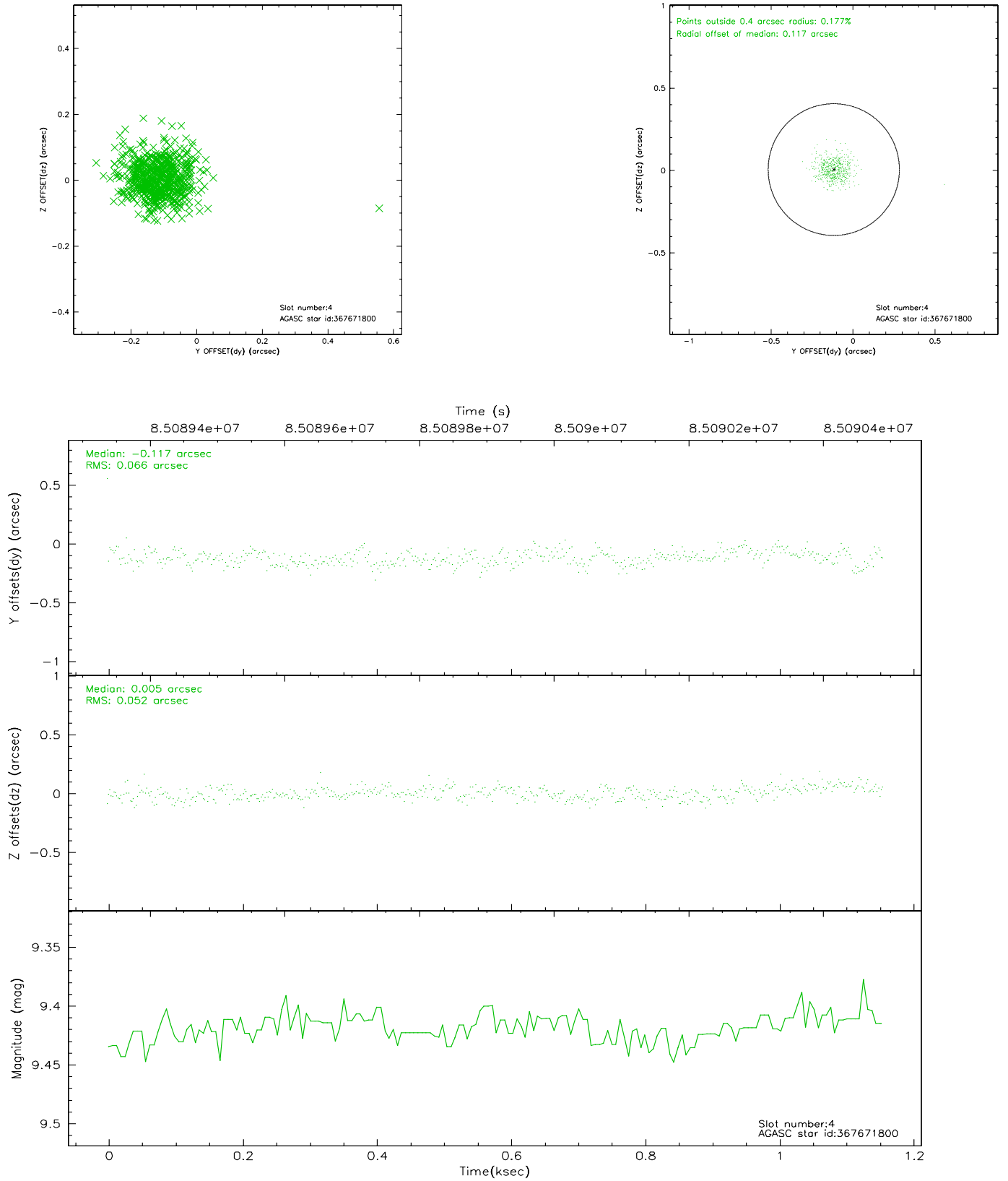
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	282	0.073	0.042	0.006	0.009	0.000000	0.000000	-757.40	-1291.09
1	FID	HRC-I-3	7.04	282	0.031	-0.056	0.007	0.011	0.000000	0.000000	-1188.55	1008.81
2	FID	HRC-I-4	7.00	282	0.010	-0.076	0.005	0.008	0.000000	0.000000	1281.18	1014.48
3	GUIDE	367657368	8.65	565	0.222	-0.070	0.069	0.111	11.928227	41.287266	-2266.76	1013.18
4	GUIDE	367671800	9.42	565	-0.117	0.005	0.083	0.140	10.554735	41.964935	2137.91	599.77
5	GUIDE	367671896	9.11	565	-0.168	0.030	0.087	0.134	11.763473	41.964845	-711.53	-919.24
6	GUIDE	367663272	9.29	565	-0.055	-0.047	0.079	0.131	10.656279	41.699429	1456.27	1316.96
7	GUIDE	367659208	9.30	564	0.125	0.067	0.080	0.124	11.848231	42.124331	-638.45	-1530.74

2.4 Star Slots

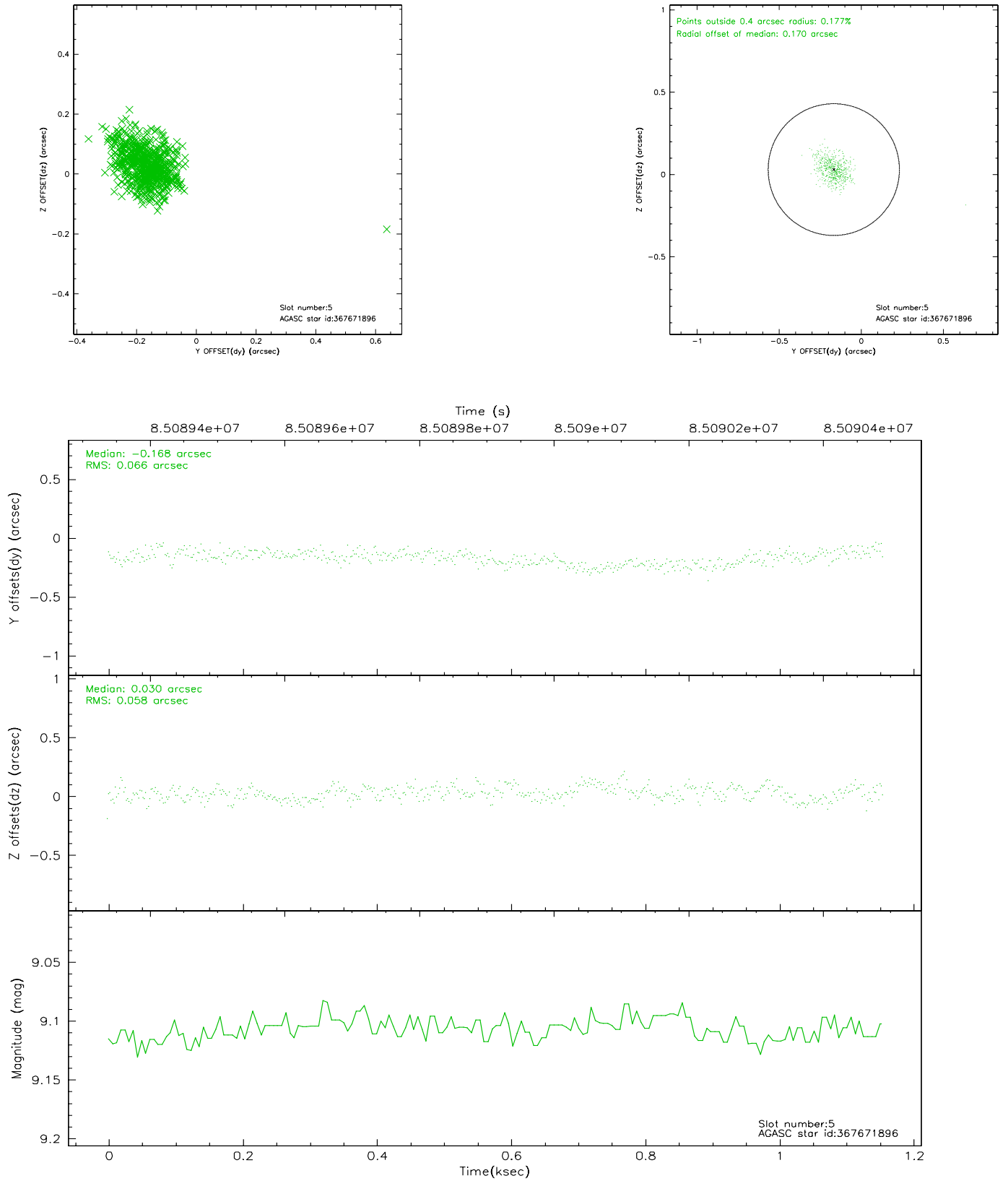
2.4.1 Slot 3



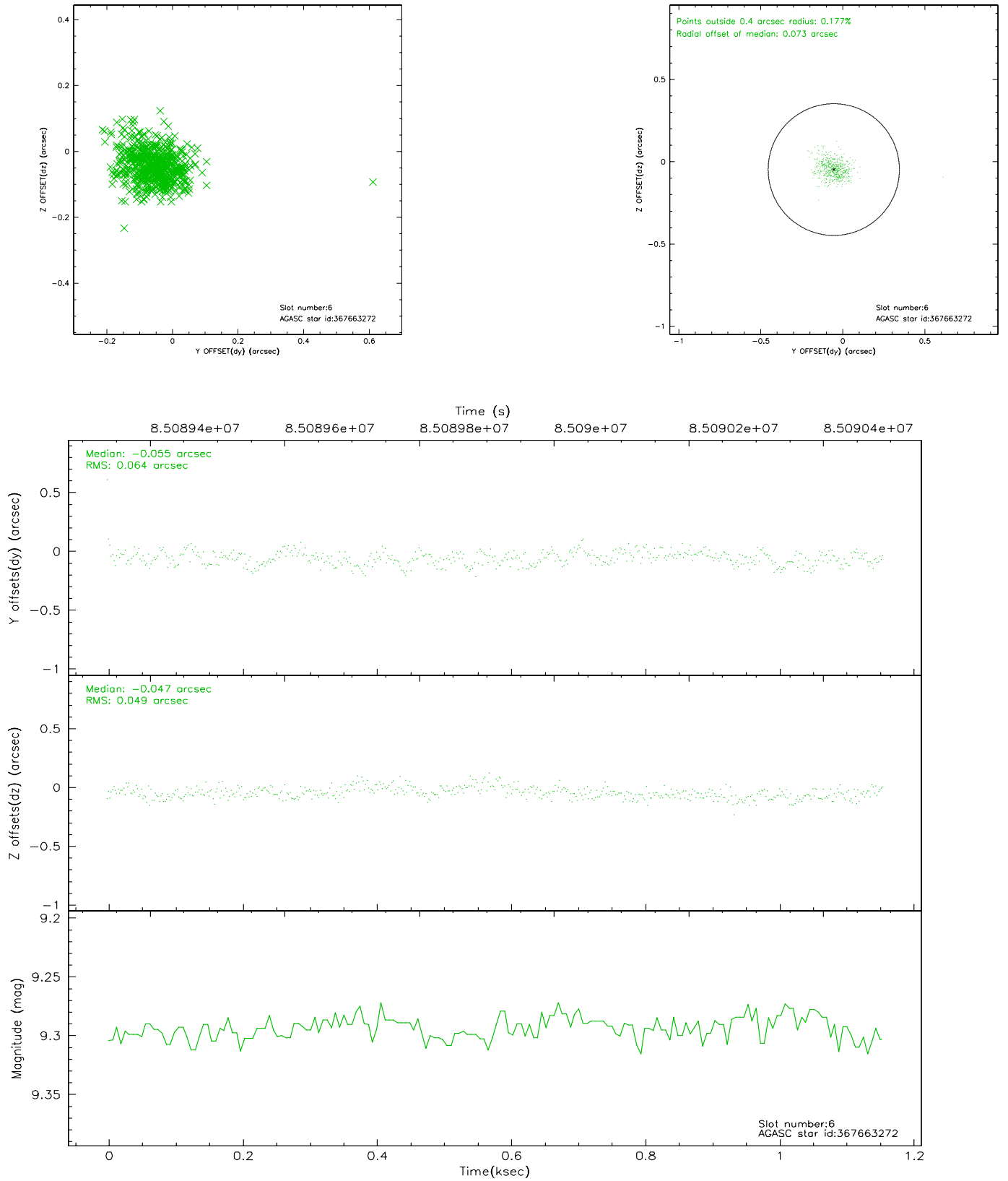
2.4.2 Slot 4



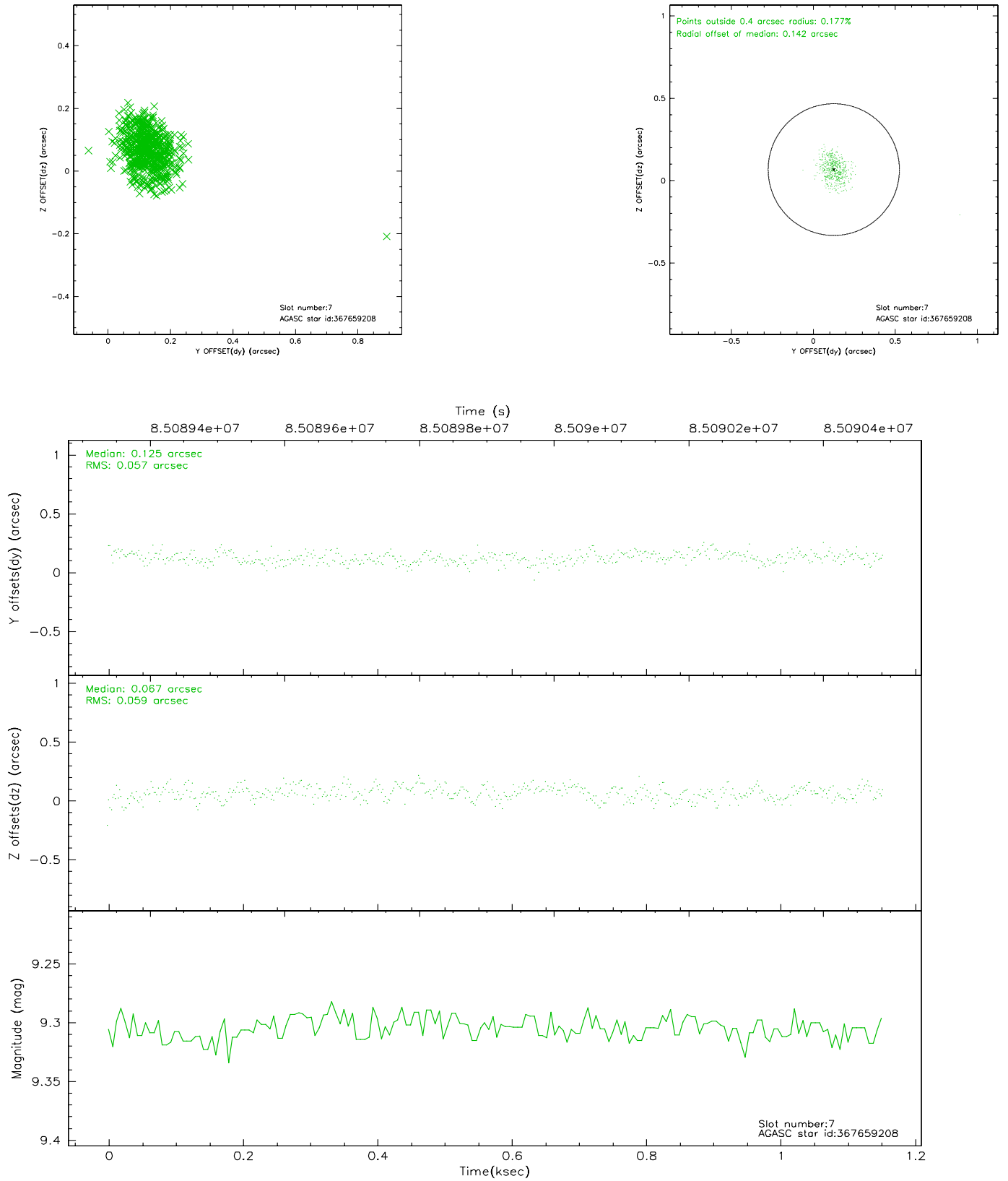
2.4.3 Slot 5



2.4.4 Slot 6

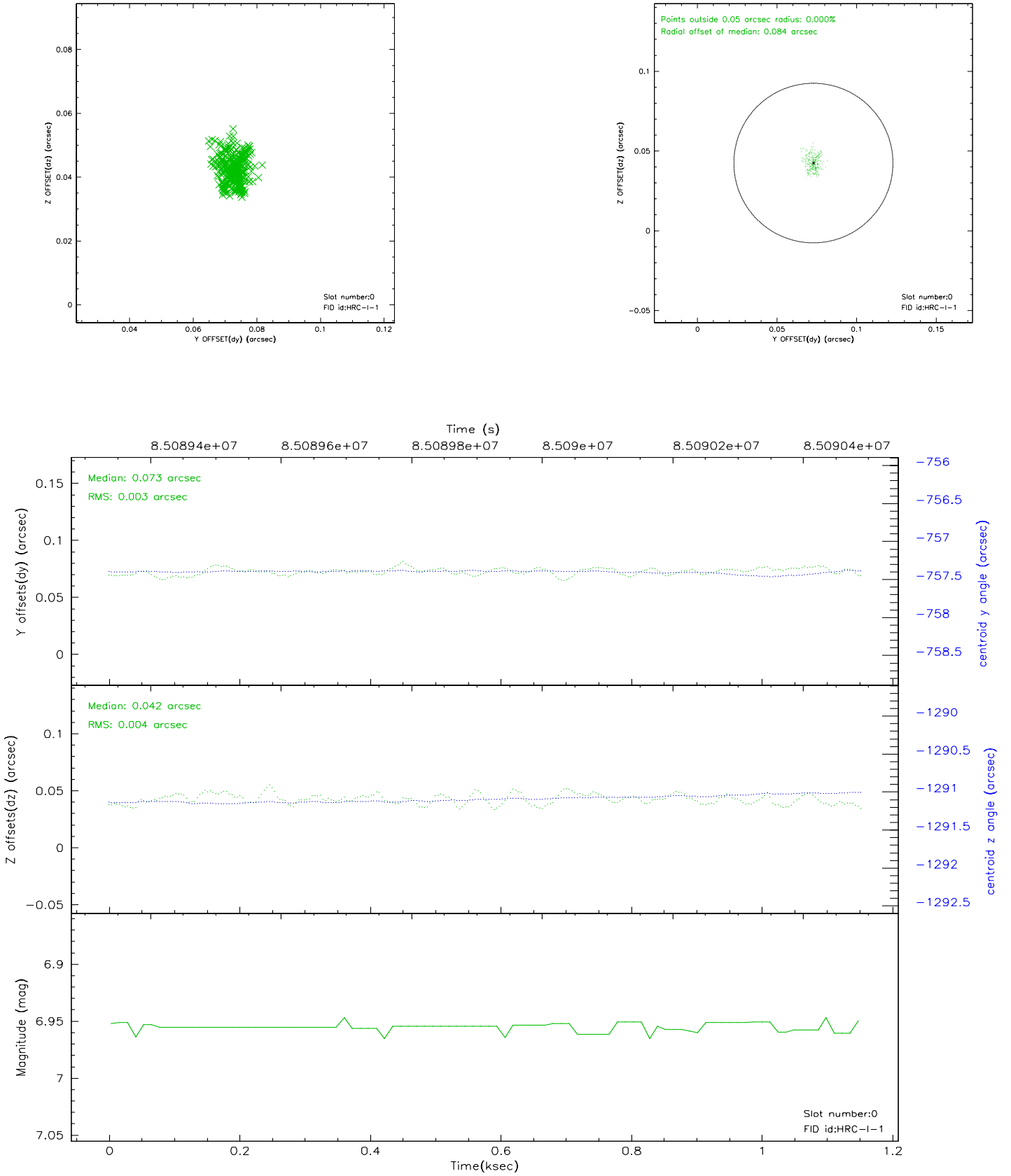


2.4.5 Slot 7

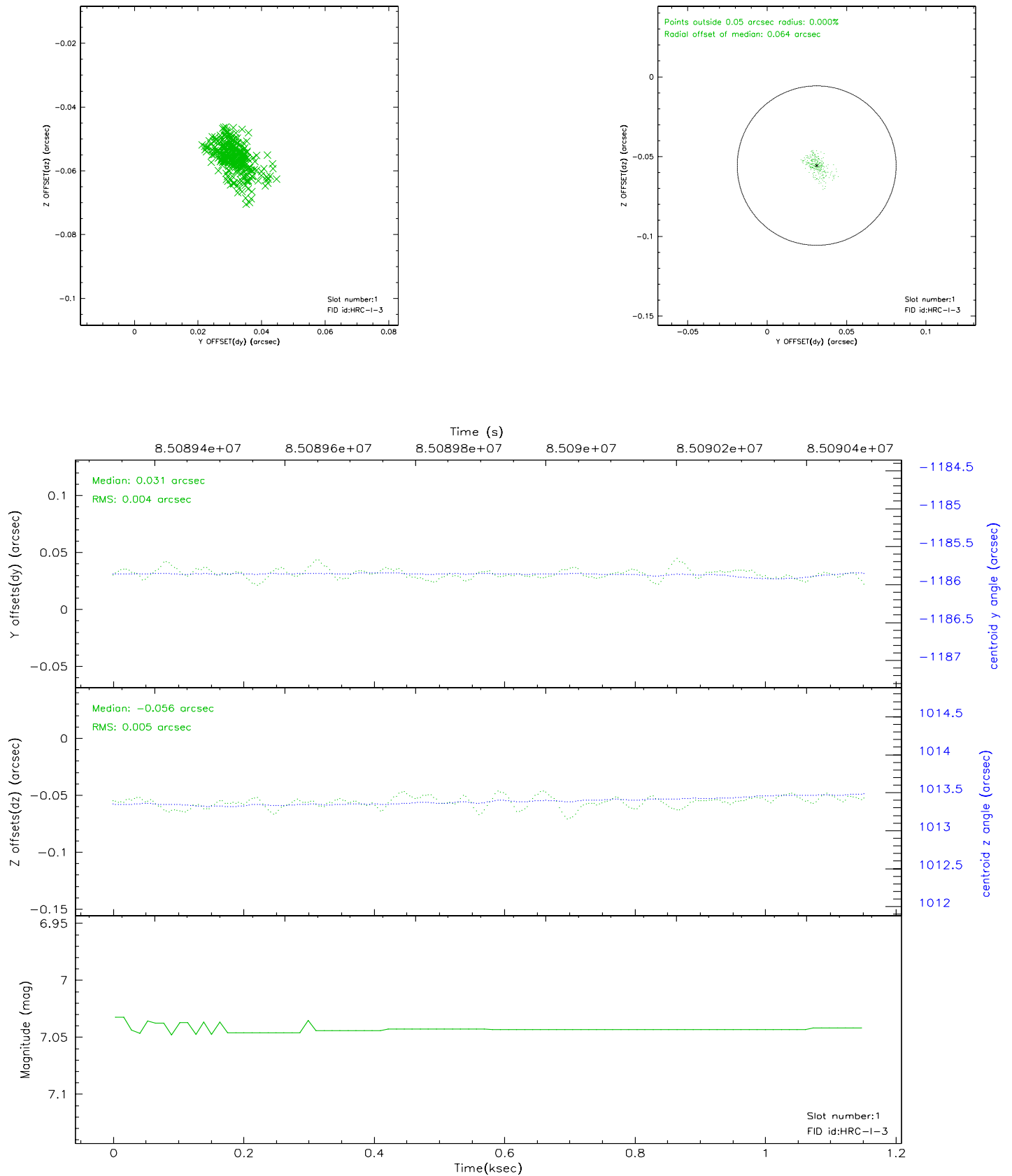


2.5 FID Slots

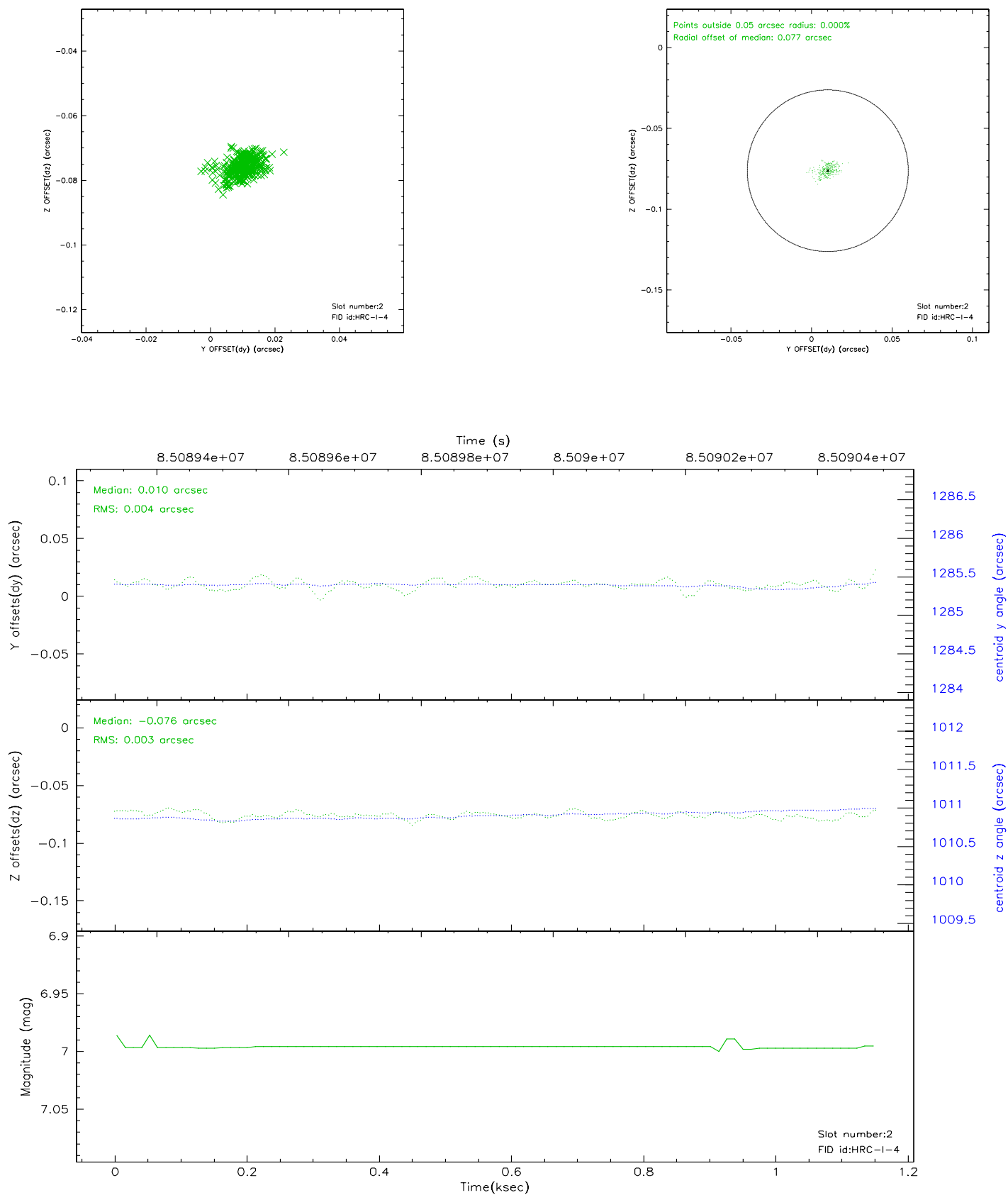
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

18.18 arcmin



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.12.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.155

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.