

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 276 - L2 Version 4
Chandra X-Ray Center

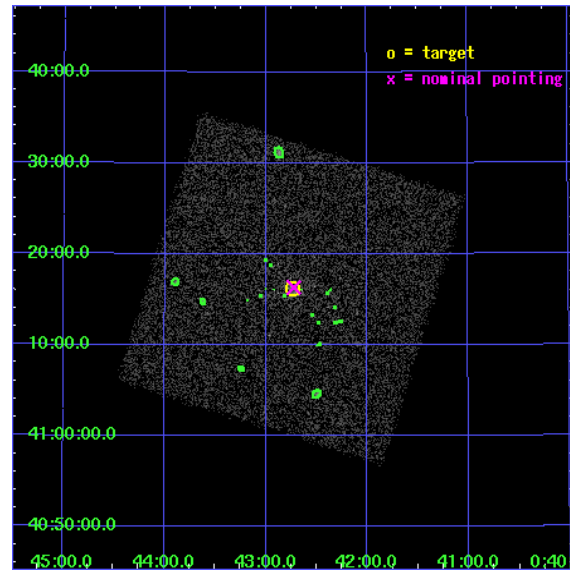
L2 Processing Date : Nov 20 2007

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1 Front

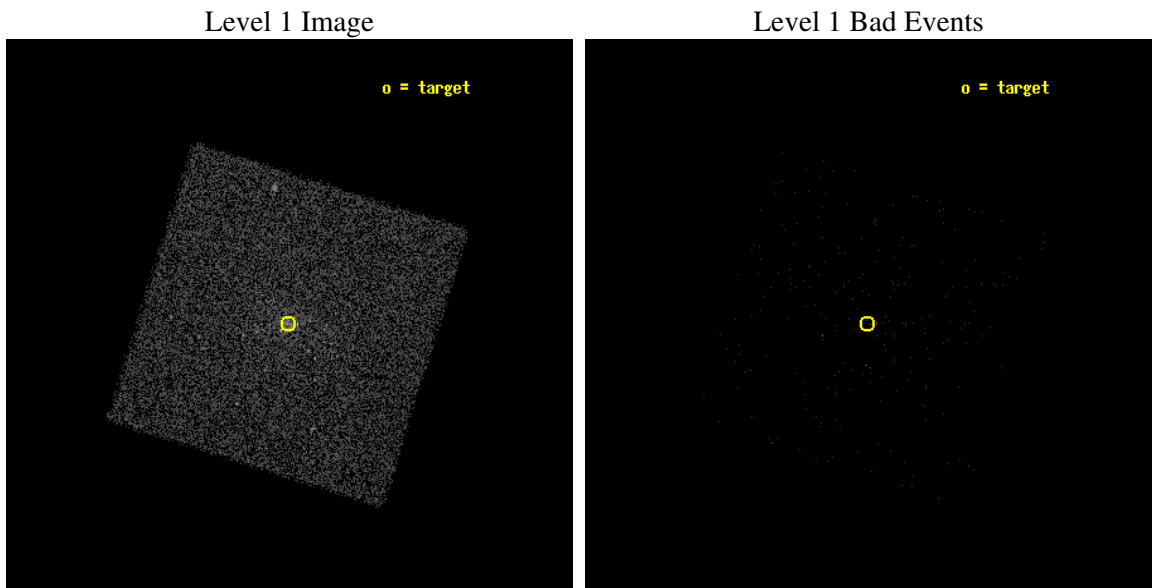
seq_num	600036
obs_id	276
title	MONITORING M31
observer	Dr. Stephen Murray
object	M31 - CENTER
ra_targ	10.685
dec_targ	41.268972
ra_nom	10.680459509752
dec_nom	41.272223186079
roll_nom	152.42013230631
revision	4
ontime	1188.2312946469
livetime	1182.7935579217
l2events	28824



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	2007-11-21T01:48:20
revision	4

sched_exp_time	1000.000000
ontime	1188.2312946469
l1events	53460

2.1.3 Events

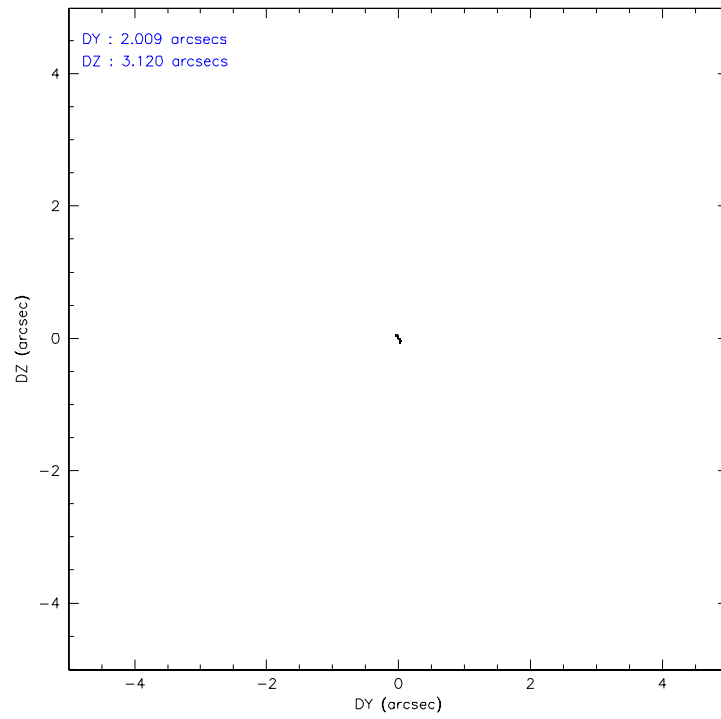
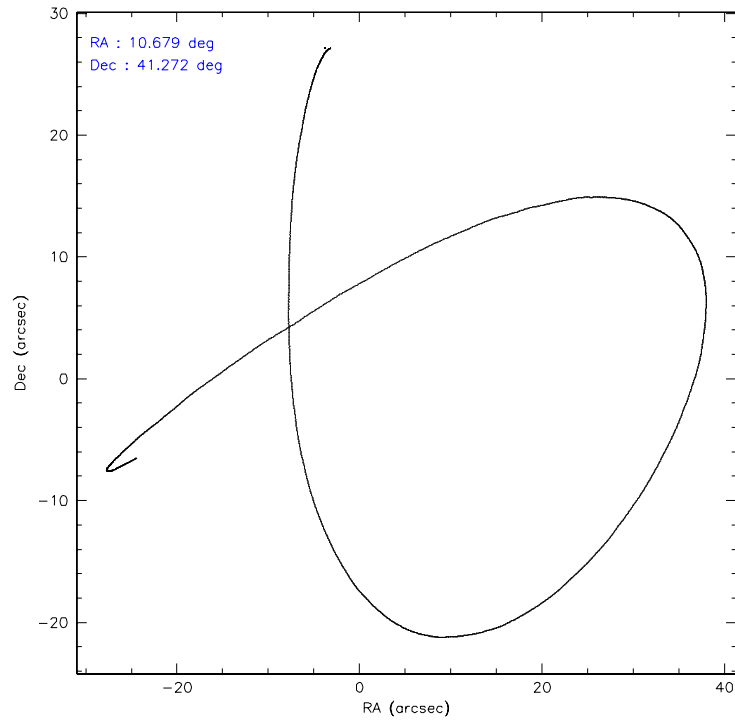
Level 1 Events

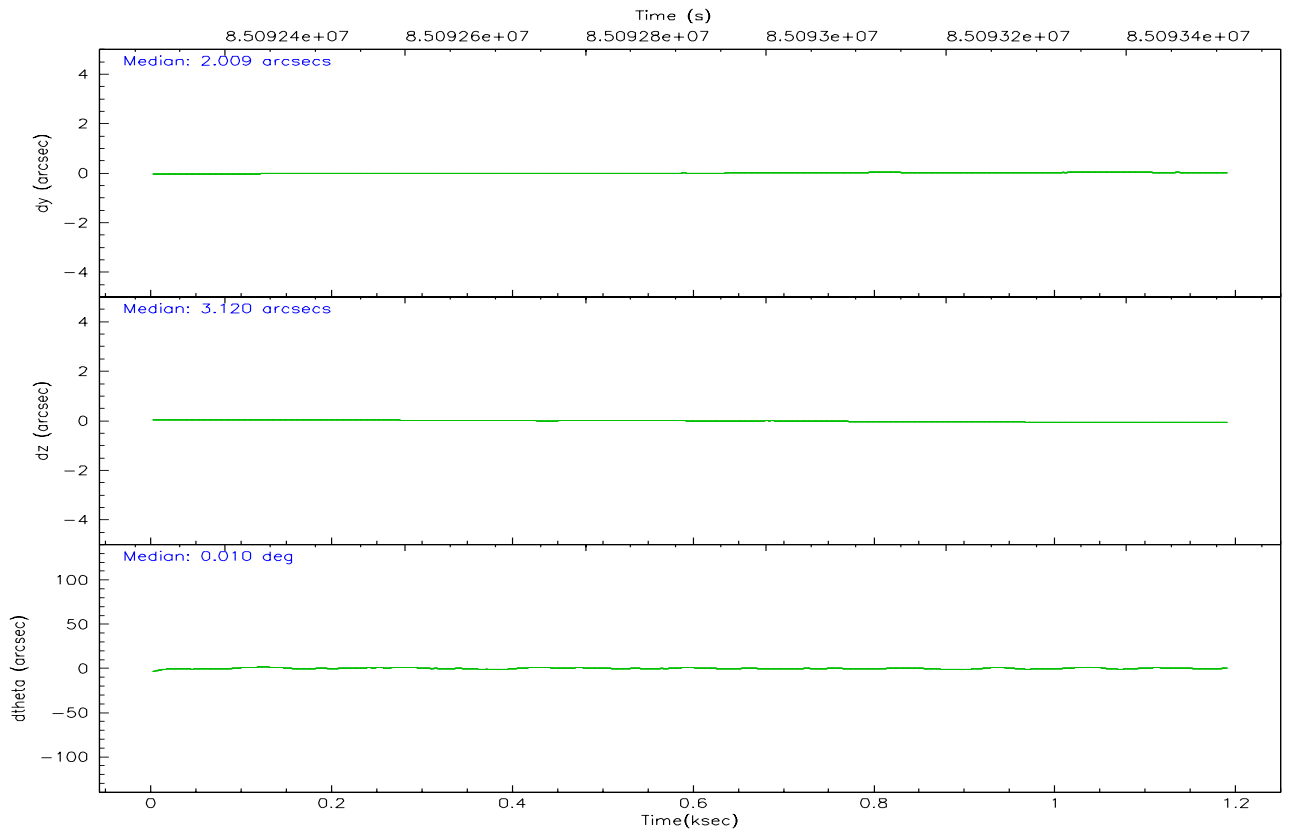
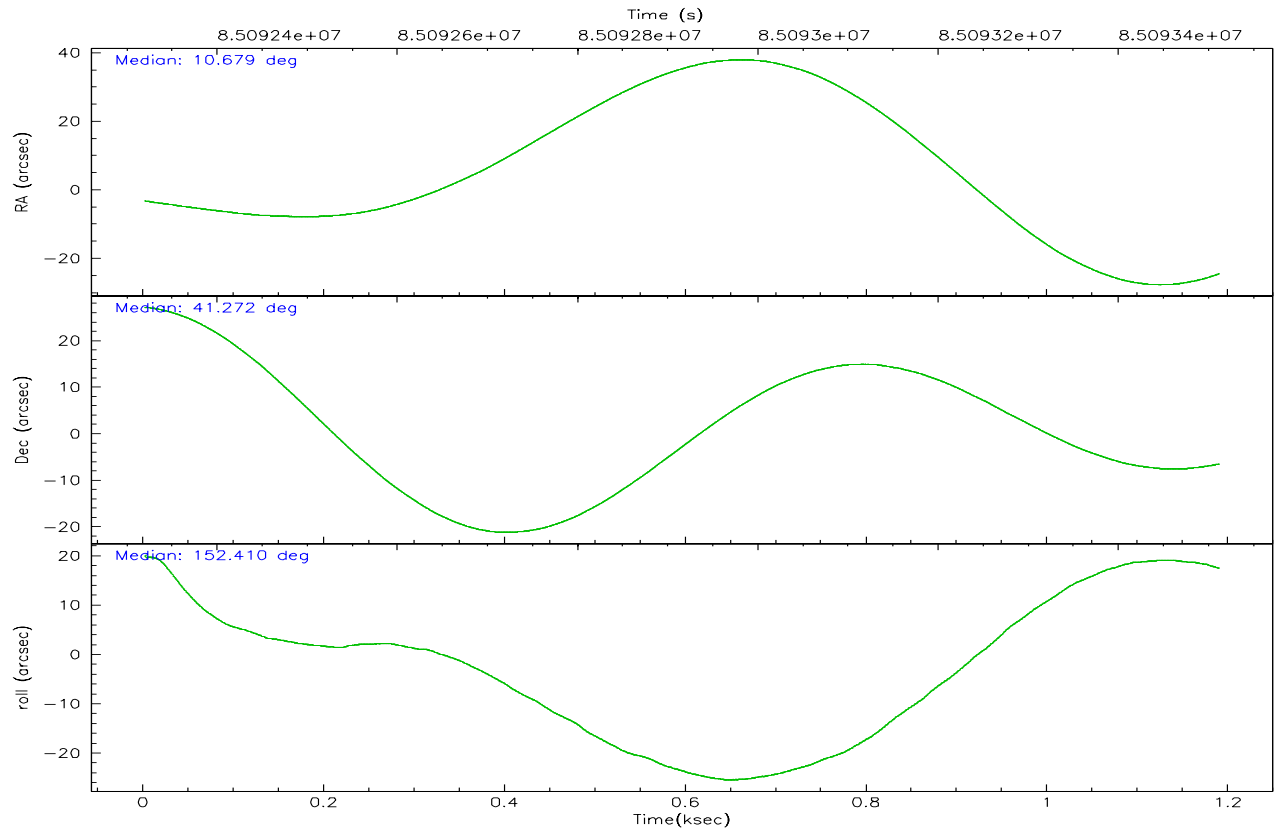
	segment 0
level 1 events	53460
rejected events	11376
rejected %	21%

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	10.717441	10.68045950975228			
Pointing Dec	41.273944	41.27222318607937			
Pointing Roll	152.491176	152.4201323063094			
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	85092510.184000	85092134.761843			
Observation start date	2000-09-11T20:47:26	2000-09-11T20:42:14			
Observation end time	85093510.184000	85093644.5869			
Observation end date	2000-09-11T21:04:06	2000-09-11T21:07:24			

2.3 Aspect



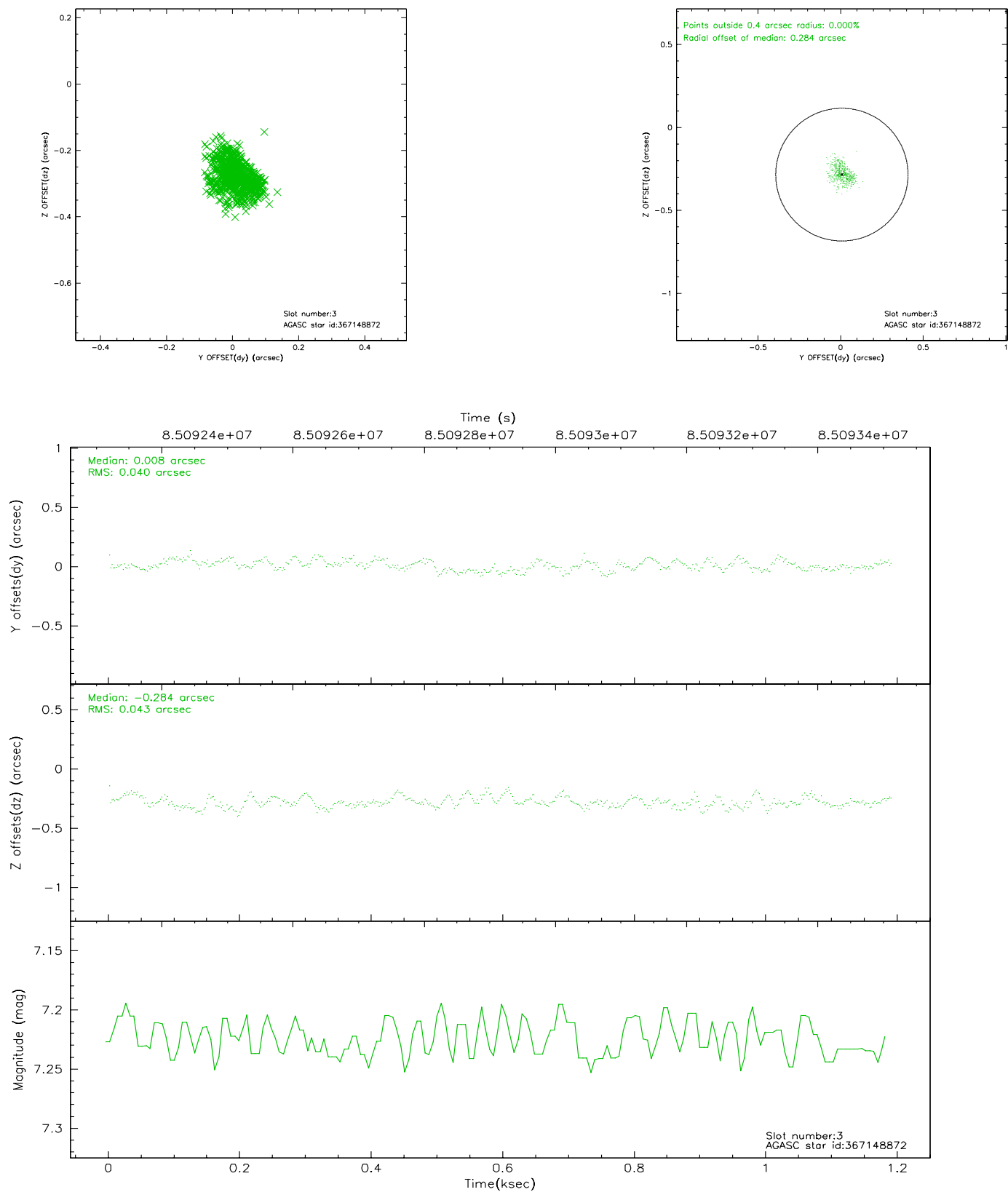


Slot Statistics

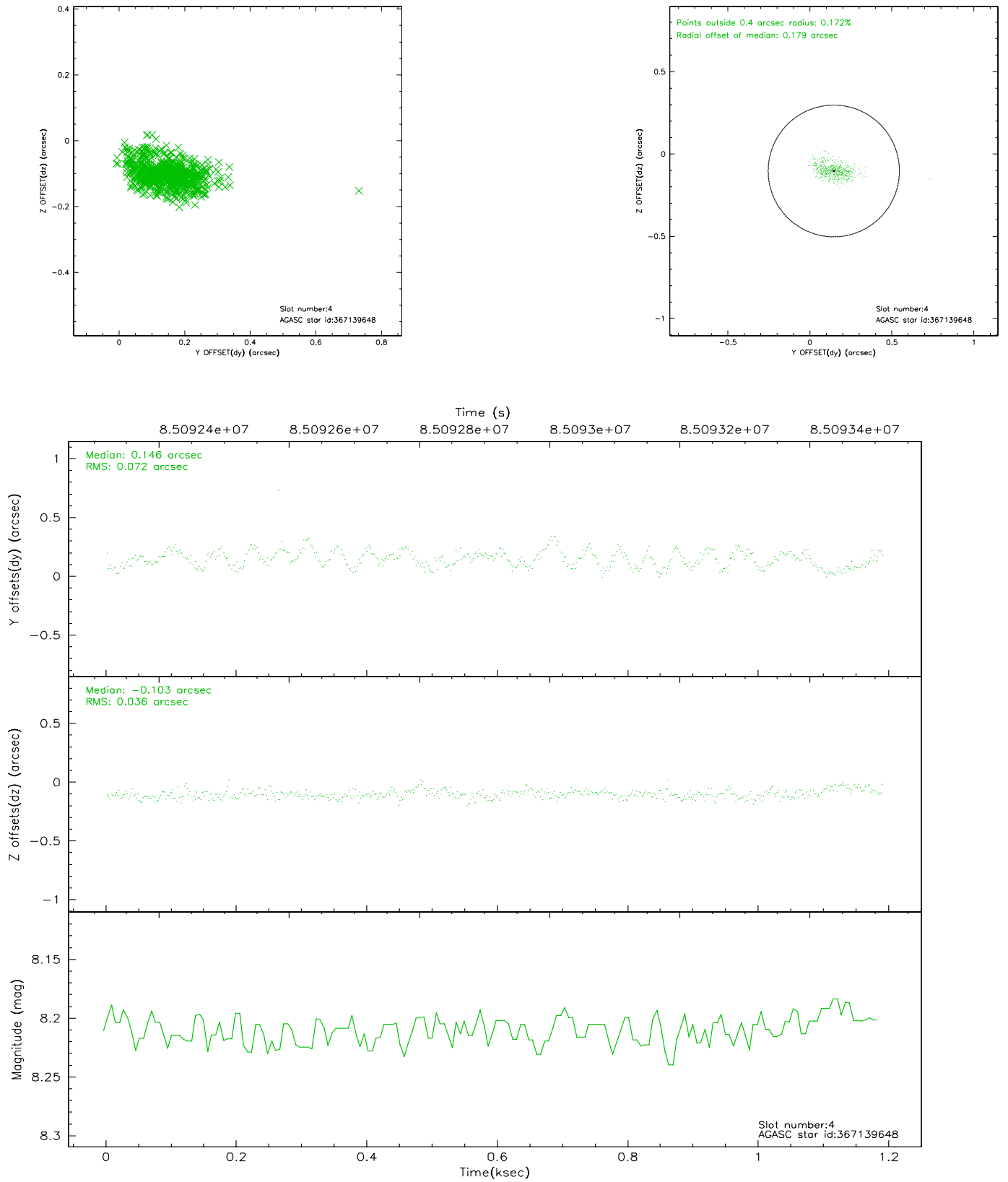
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.95	290	0.077	0.029	0.006	0.010	0.000000	0.000000	-757.43	-1290.79
1	FID	HRC-I-3	7.04	290	0.028	-0.042	0.006	0.009	0.000000	0.000000	-1188.50	1009.26
2	FID	HRC-I-4	7.00	290	0.009	-0.077	0.005	0.007	0.000000	0.000000	1281.27	1014.69
3	GUIDE	367148872	7.23	581	0.008	-0.284	0.065	0.096	10.505940	40.688258	-463.18	2135.04
4	GUIDE	367139648	8.21	581	0.146	-0.103	0.085	0.131	11.021290	40.433909	-2137.10	2298.83
5	GUIDE	367674552	8.85	581	0.041	0.111	0.065	0.109	11.016238	41.570845	-224.12	-1317.68
6	GUIDE	367671800	9.42	581	-0.151	0.199	0.096	0.158	10.554735	41.964935	1534.07	-2008.11
7	GUIDE	367663272	9.29	580	-0.046	0.058	0.080	0.132	10.656279	41.699429	854.97	-1286.64

2.4 Star Slots

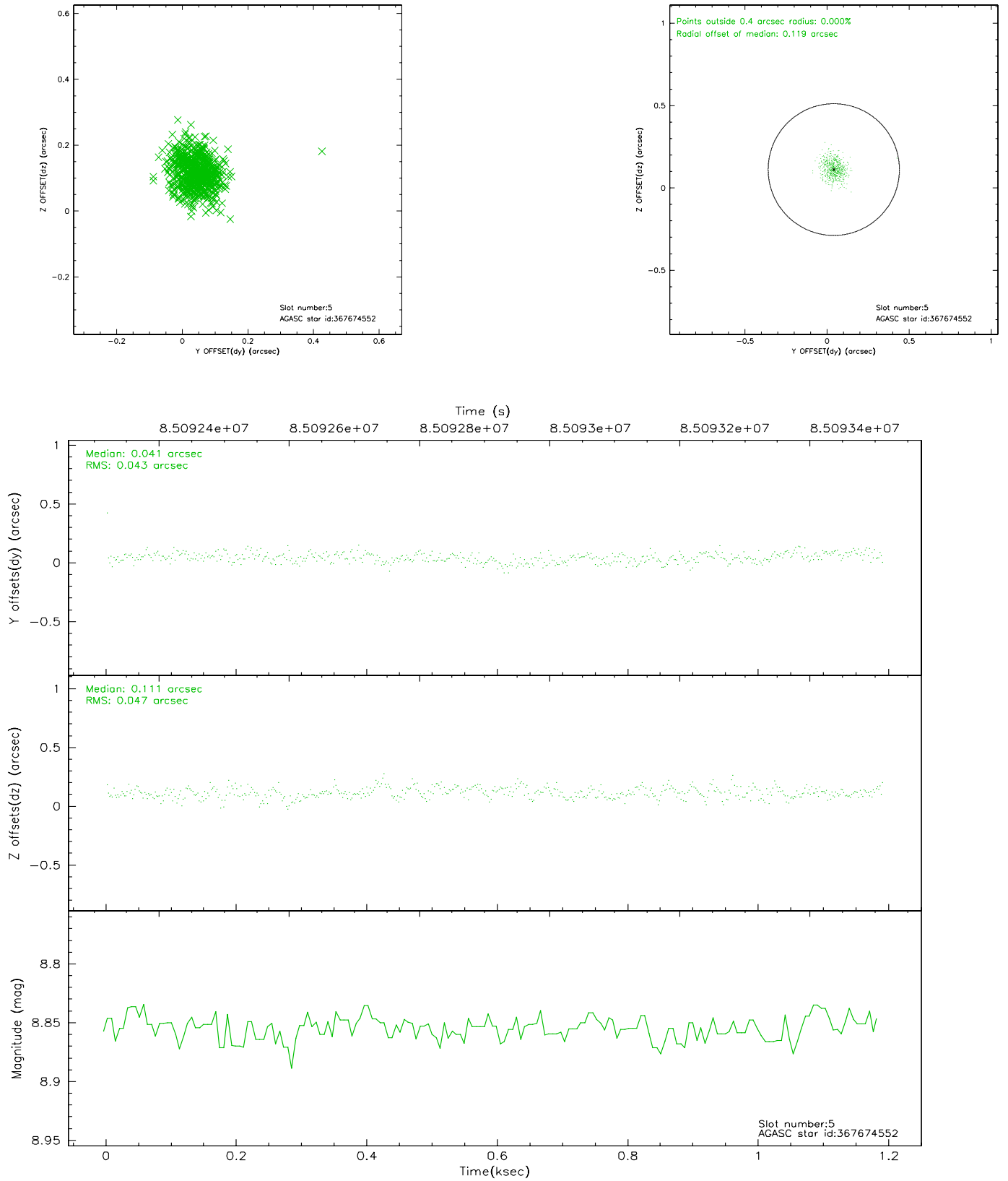
2.4.1 Slot 3



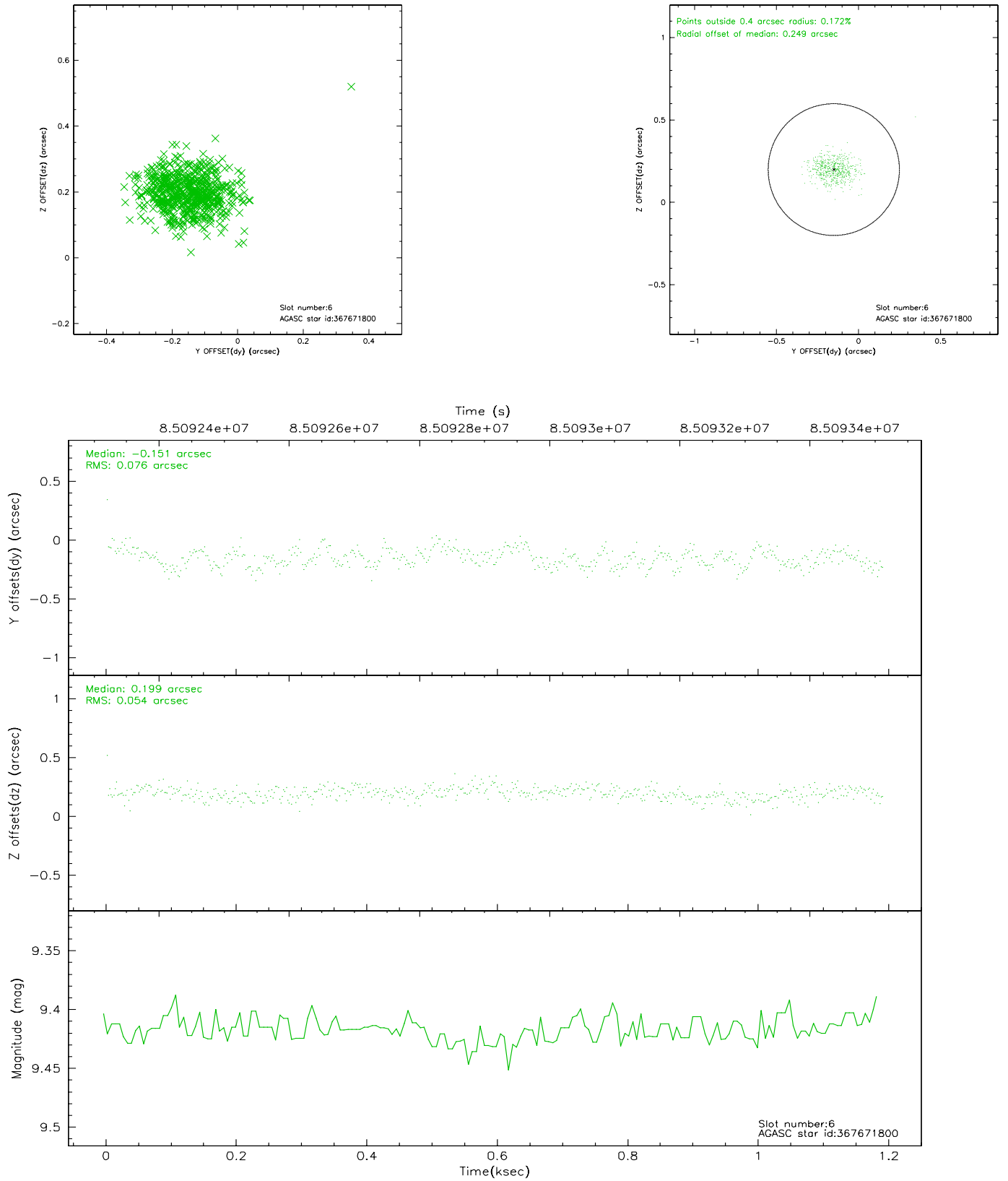
2.4.2 Slot 4



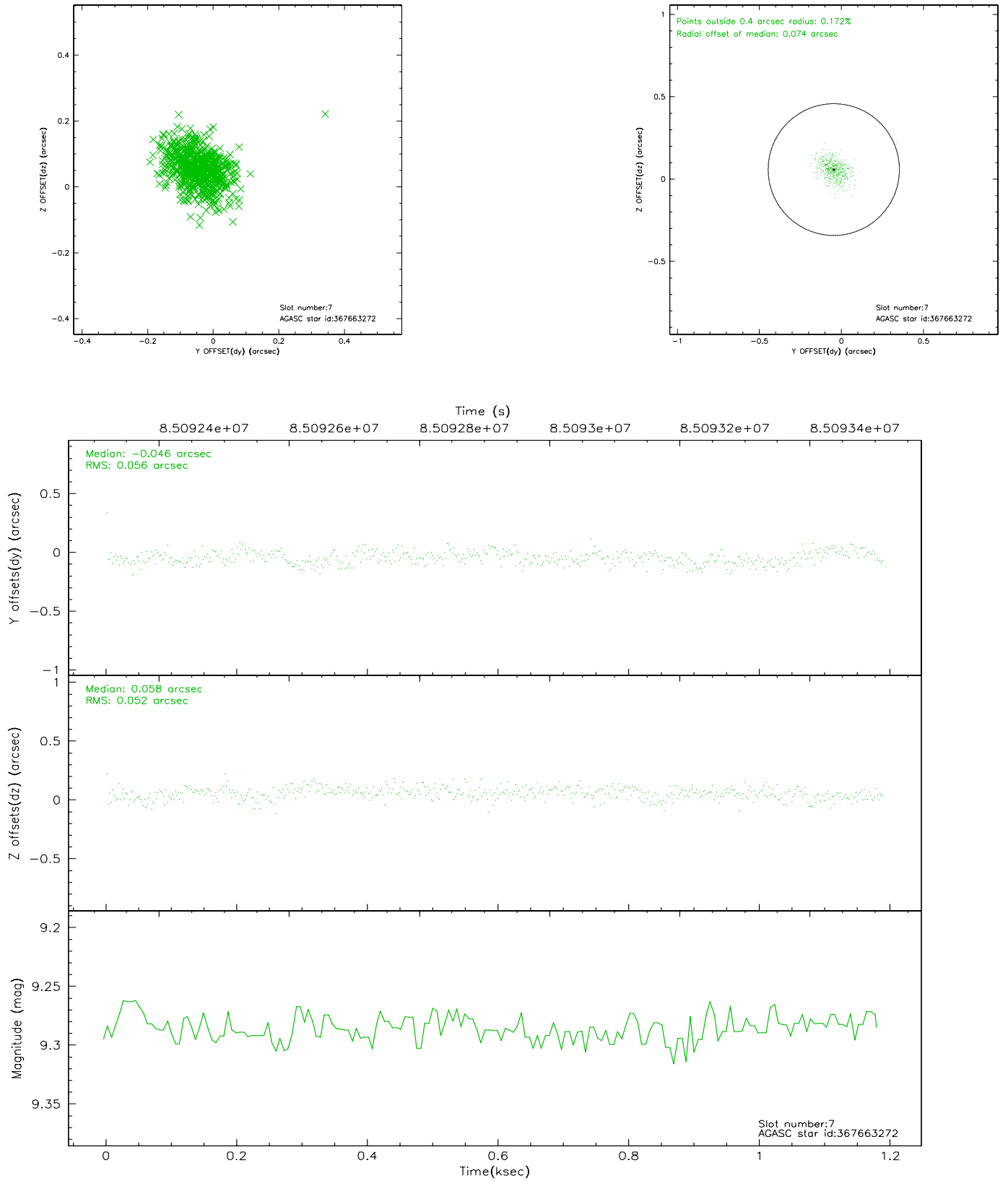
2.4.3 Slot 5



2.4.4 Slot 6

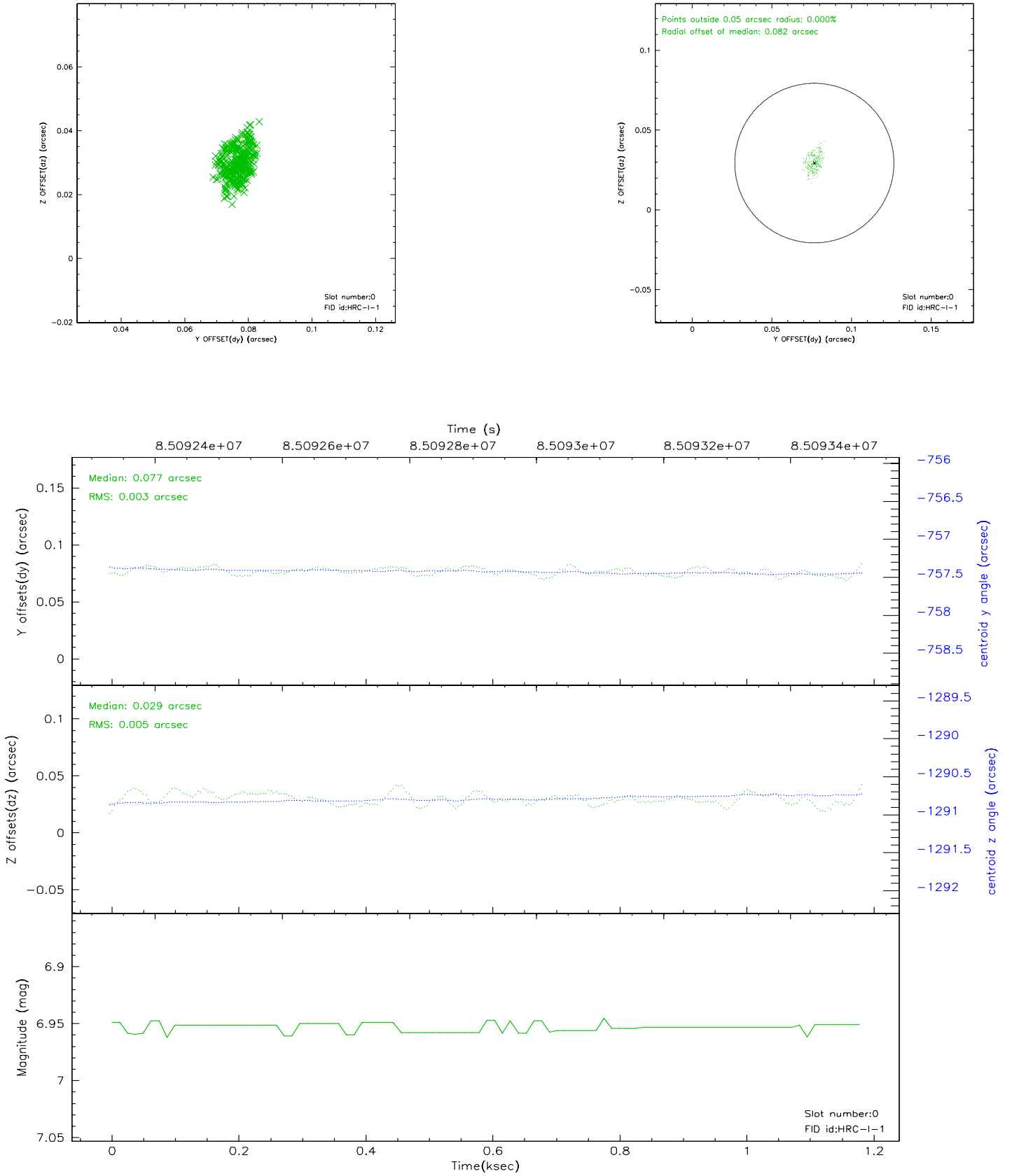


2.4.5 Slot 7

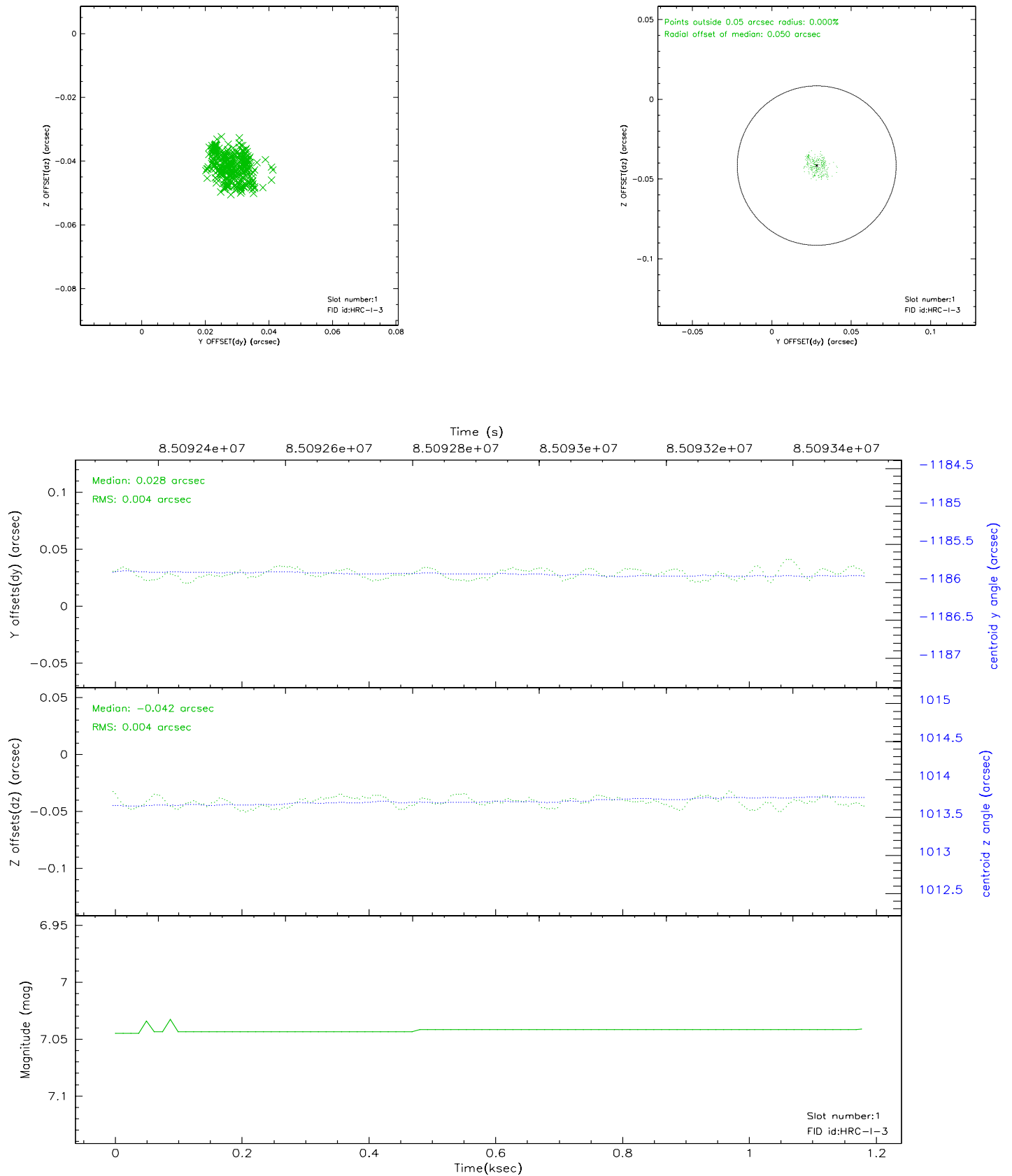


2.5 FID Slots

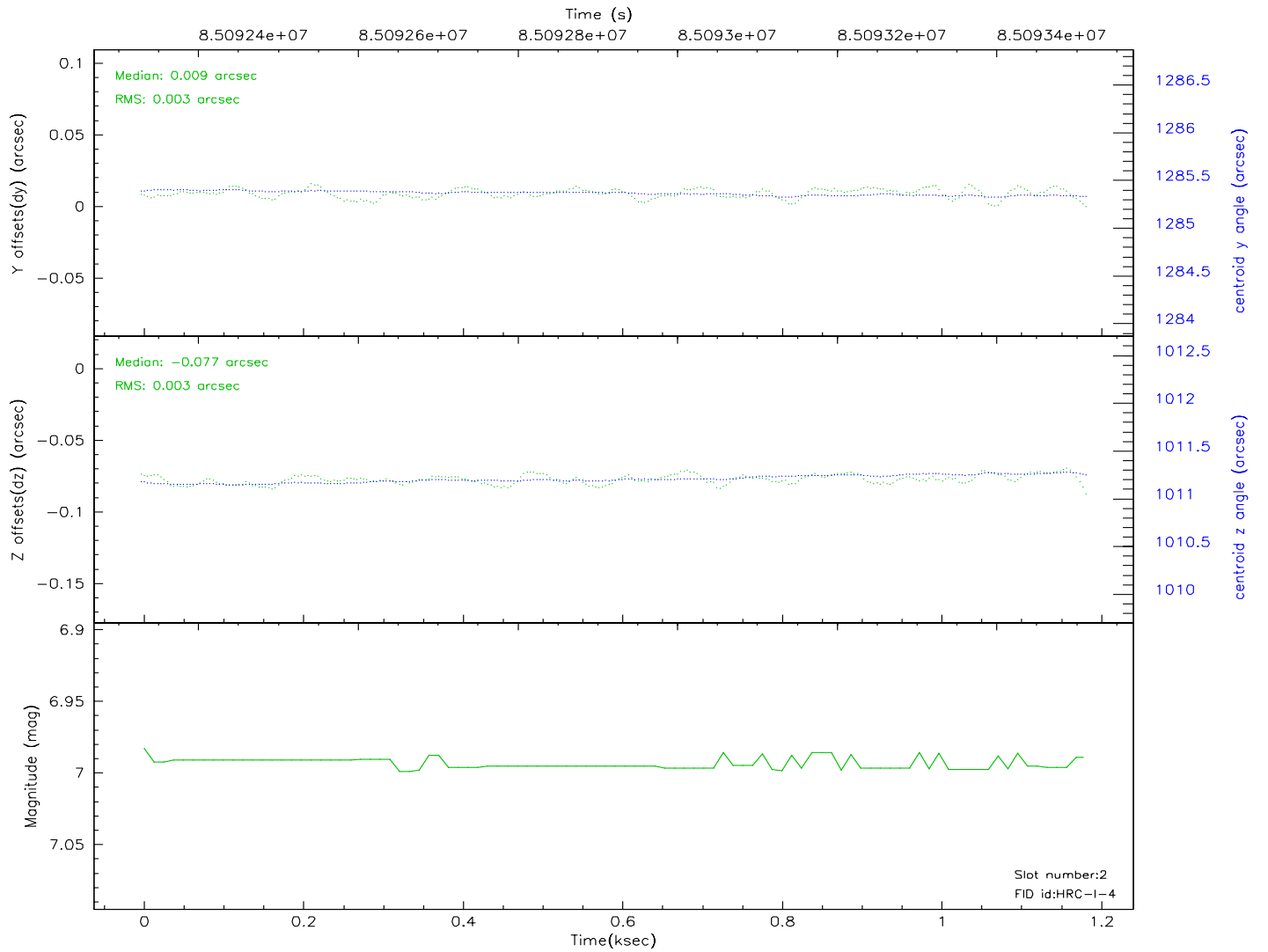
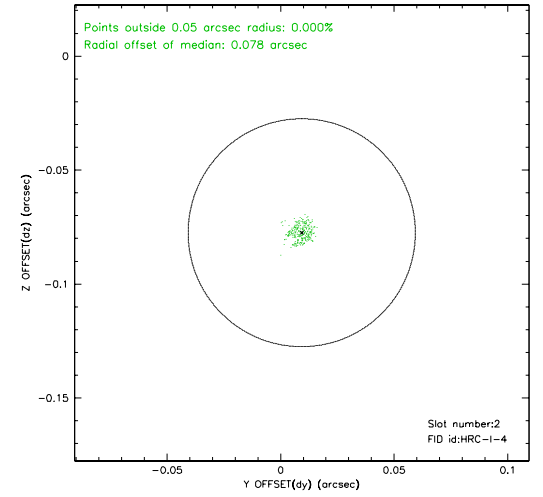
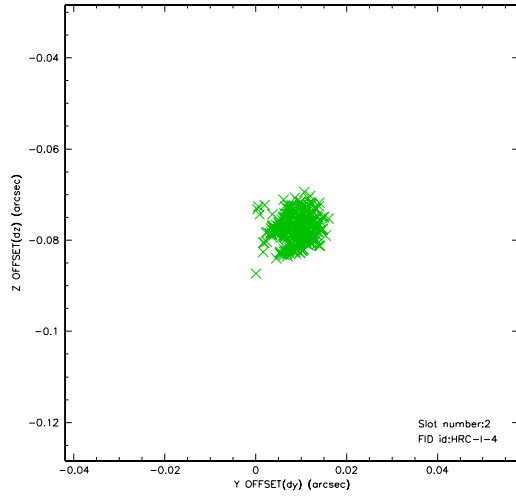
2.5.1 Slot 0



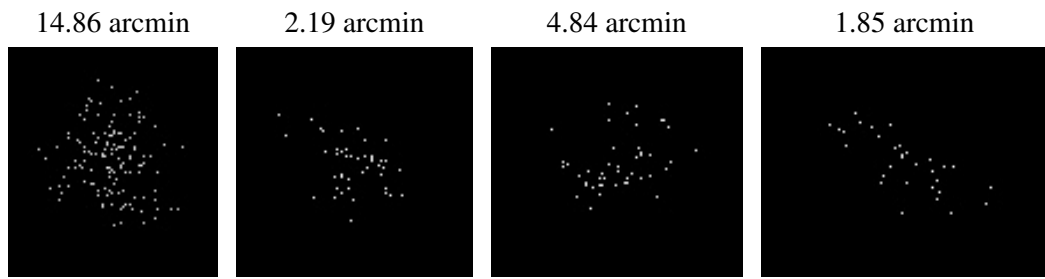
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	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	1.188

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.