

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 264 - L2 Version 4
Chandra X-Ray Center

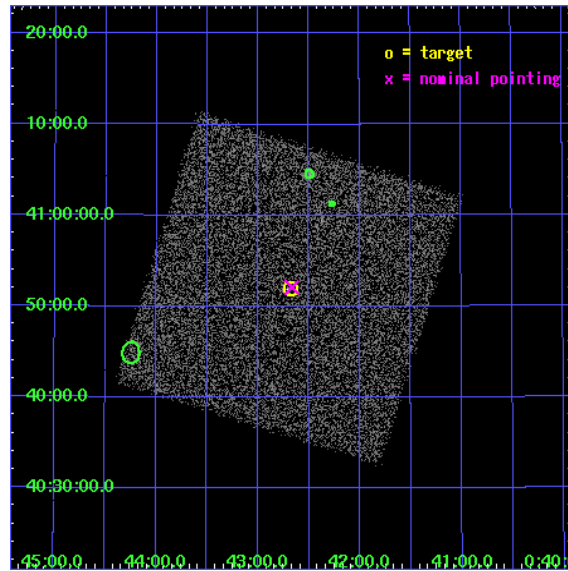
L2 Processing Date : Nov 20 2007

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1 Front

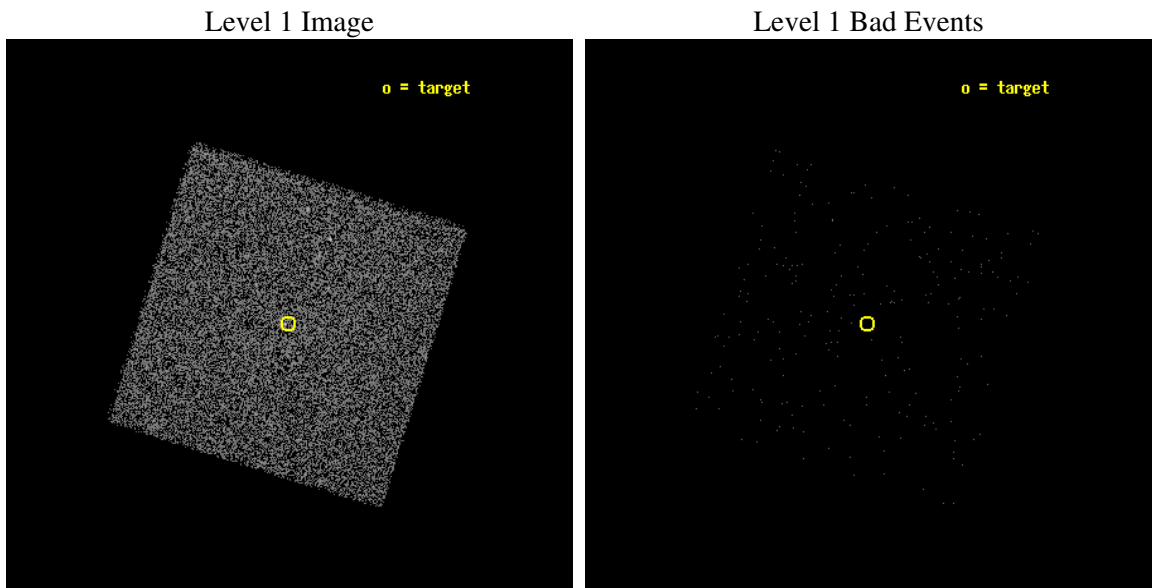
seq_num	600024
obs_id	264
title	MONITORING M31
observer	Dr. Stephen Murray
object	M31 - South 1
ra_targ	10.67
dec_targ	40.865
ra_nom	10.666715283103
dec_nom	40.868107821348
roll_nom	152.29105078557
revision	4
ontime	1196.4312949479
livetime	1191.122657821
l2events	26667



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	2007-11-21T01:48:06
revision	4

sched_exp_time	1000.000000
ontime	1196.4312949479
l1events	50441

2.1.3 Events

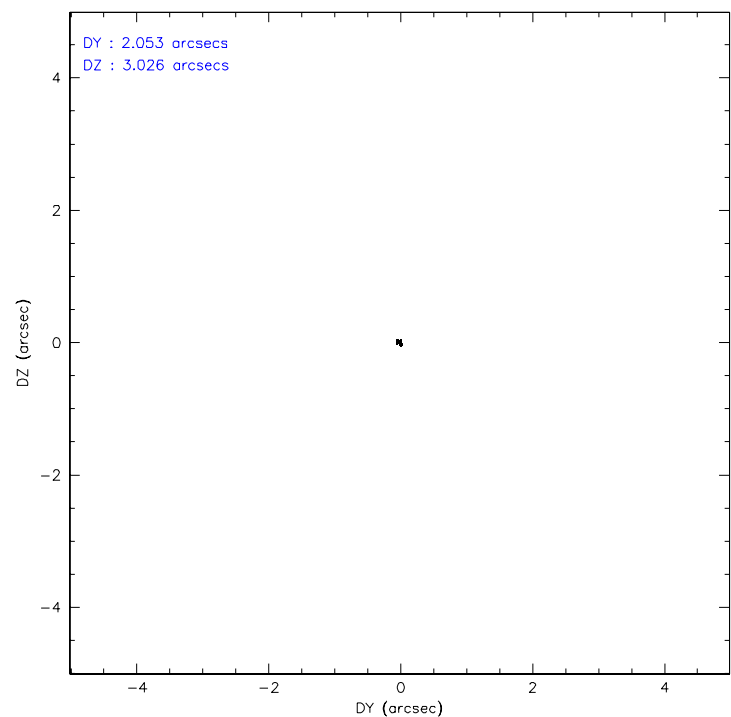
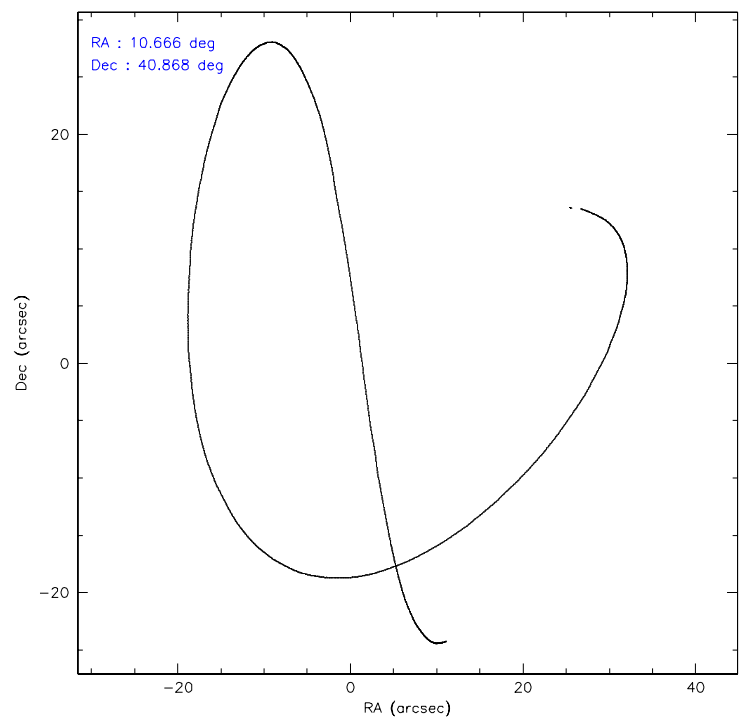
Level 1 Events

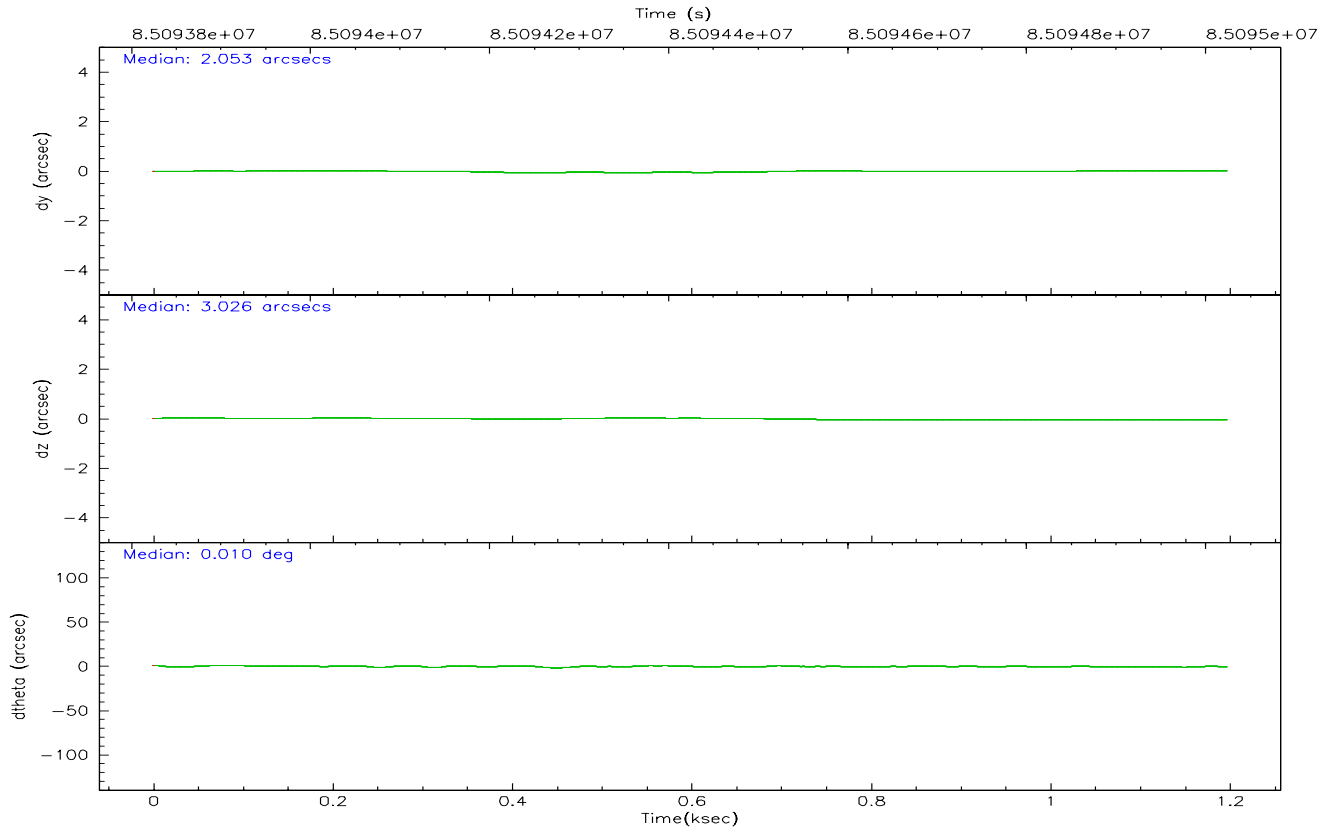
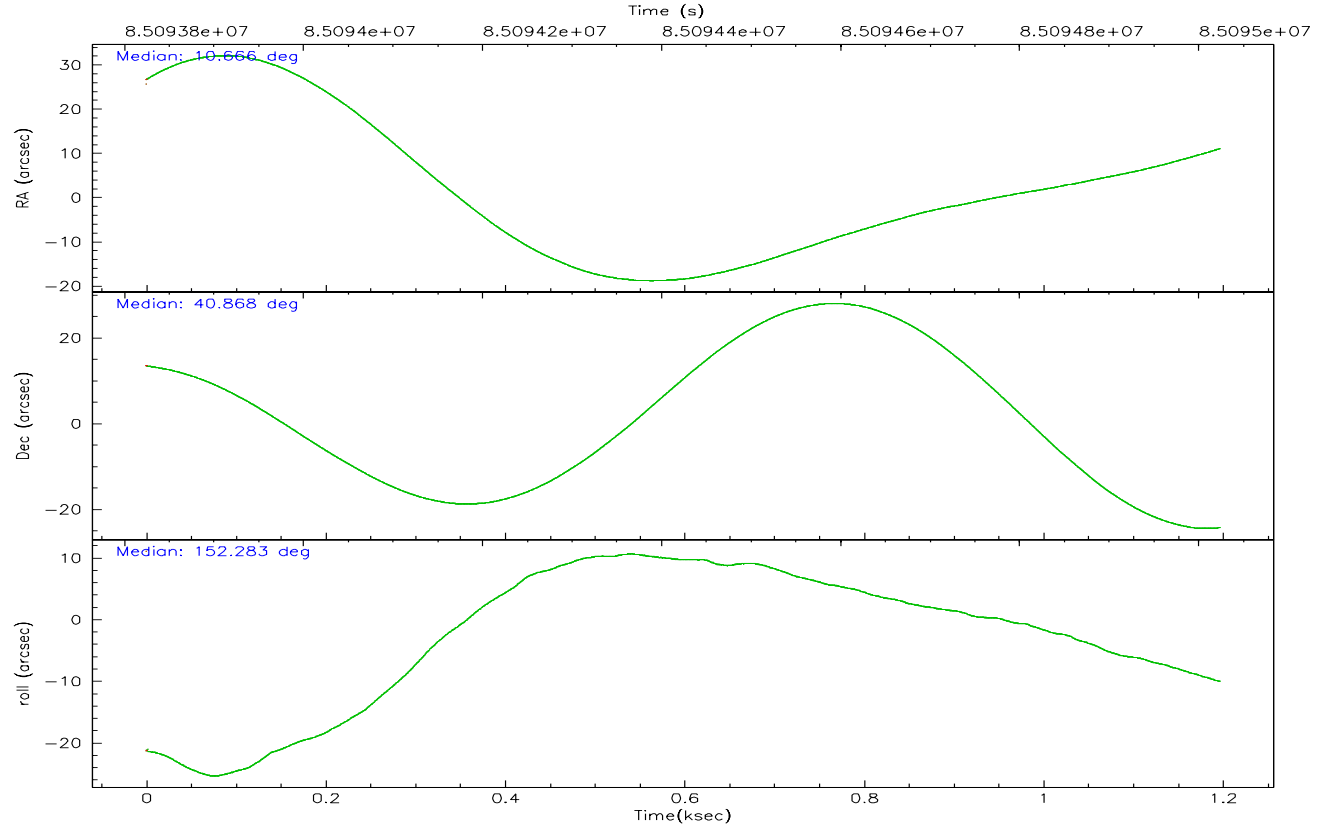
	segment 0
level 1 events	50441
rejected events	10539
rejected %	20%

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	10.702258	10.66671528310262			
Pointing Dec	40.869922	40.86810782134827			
Pointing Roll	152.363264	152.2910507855674			
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	85094020.184000	85093644.5869			
Observation start date	2000-09-11T21:12:36	2000-09-11T21:07:24			
Observation end time	85095020.184000	85095154.411956			
Observation end date	2000-09-11T21:29:16	2000-09-11T21:32:34			

2.3 Aspect



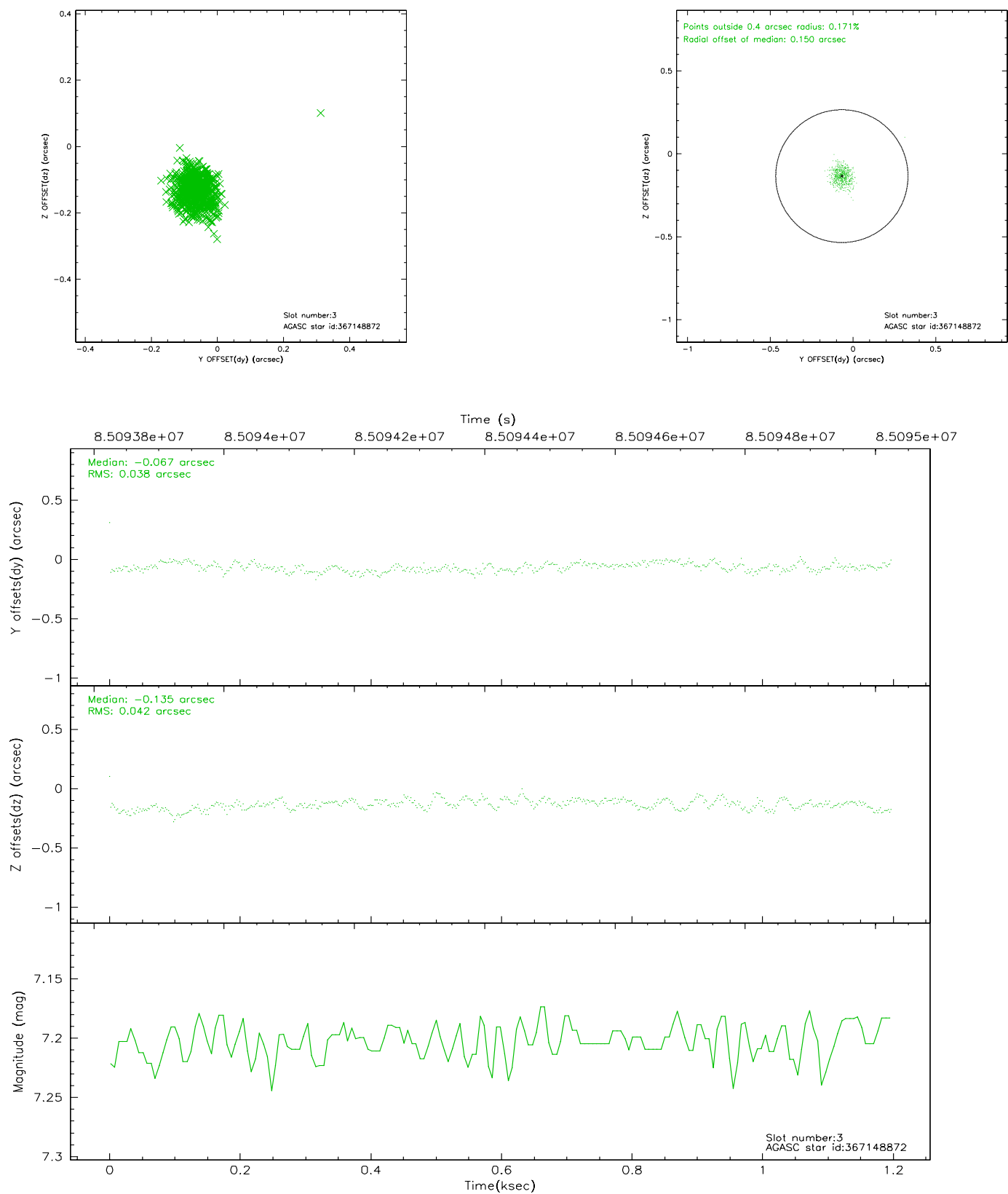


Slot Statistics

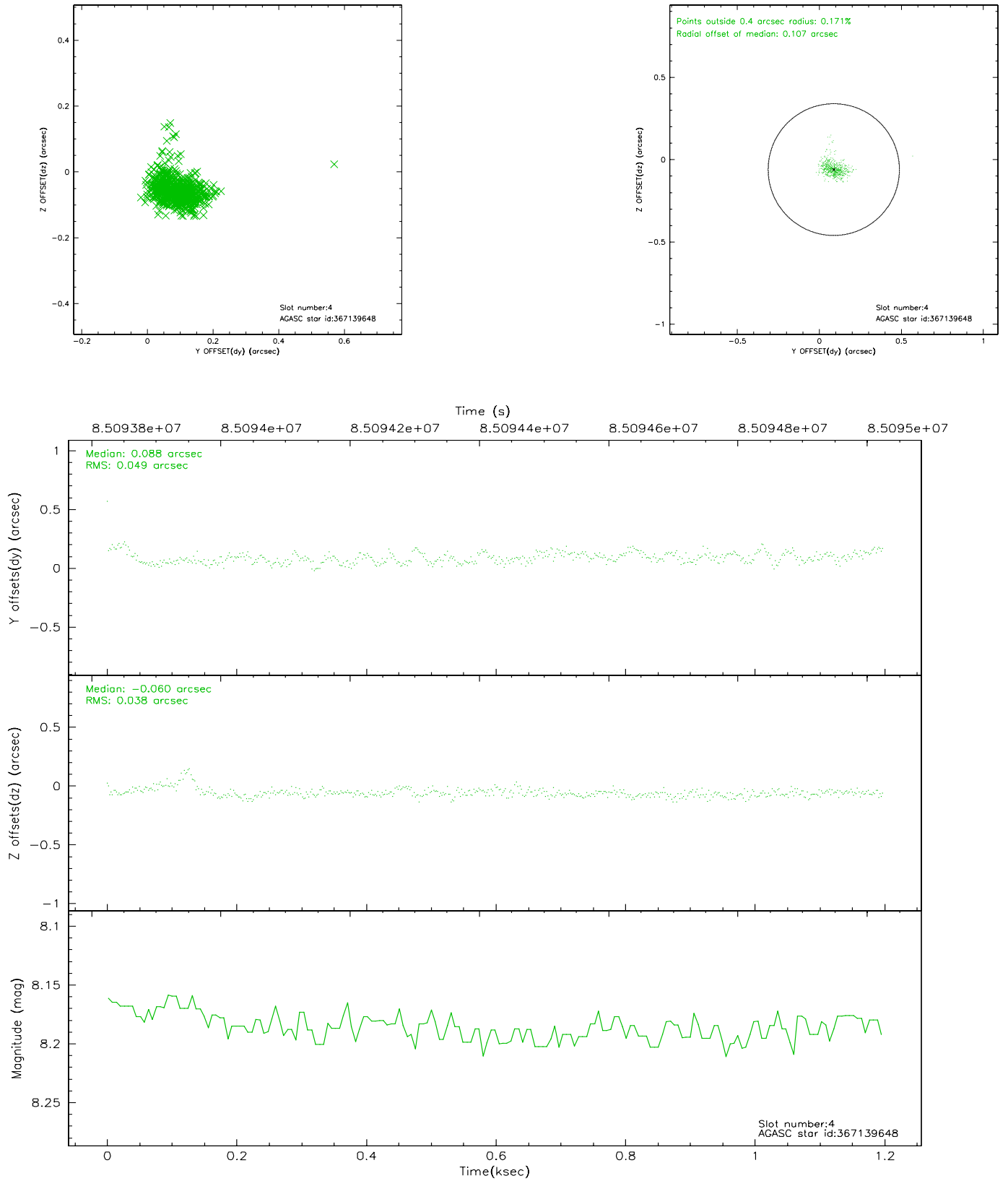
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-2	6.99	293	0.065	-0.027	0.005	0.010	0.000000	0.000000	855.17	-1292.37
1	FID	HRC-I-3	7.04	293	0.035	-0.007	0.005	0.010	0.000000	0.000000	-1183.00	1009.43
2	FID	HRC-I-4	6.99	293	0.019	-0.054	0.006	0.009	0.000000	0.000000	1281.31	1014.77
3	GUIDE	367148872	7.20	585	-0.067	-0.135	0.057	0.091	10.505940	40.688258	173.46	827.58
4	GUIDE	367139648	8.19	585	0.088	-0.060	0.060	0.101	11.021290	40.433909	-1499.64	985.02
5	GUIDE	367657896	9.03	585	0.014	0.149	0.089	0.137	11.197765	41.313576	-444.63	-2037.82
6	GUIDE	367145856	9.29	585	0.071	-0.076	0.088	0.142	10.744946	40.402085	-883.83	1434.30
7	GUIDE	367658664	9.60	584	-0.109	0.103	0.096	0.151	10.374070	41.369746	1621.47	-1181.23

2.4 Star Slots

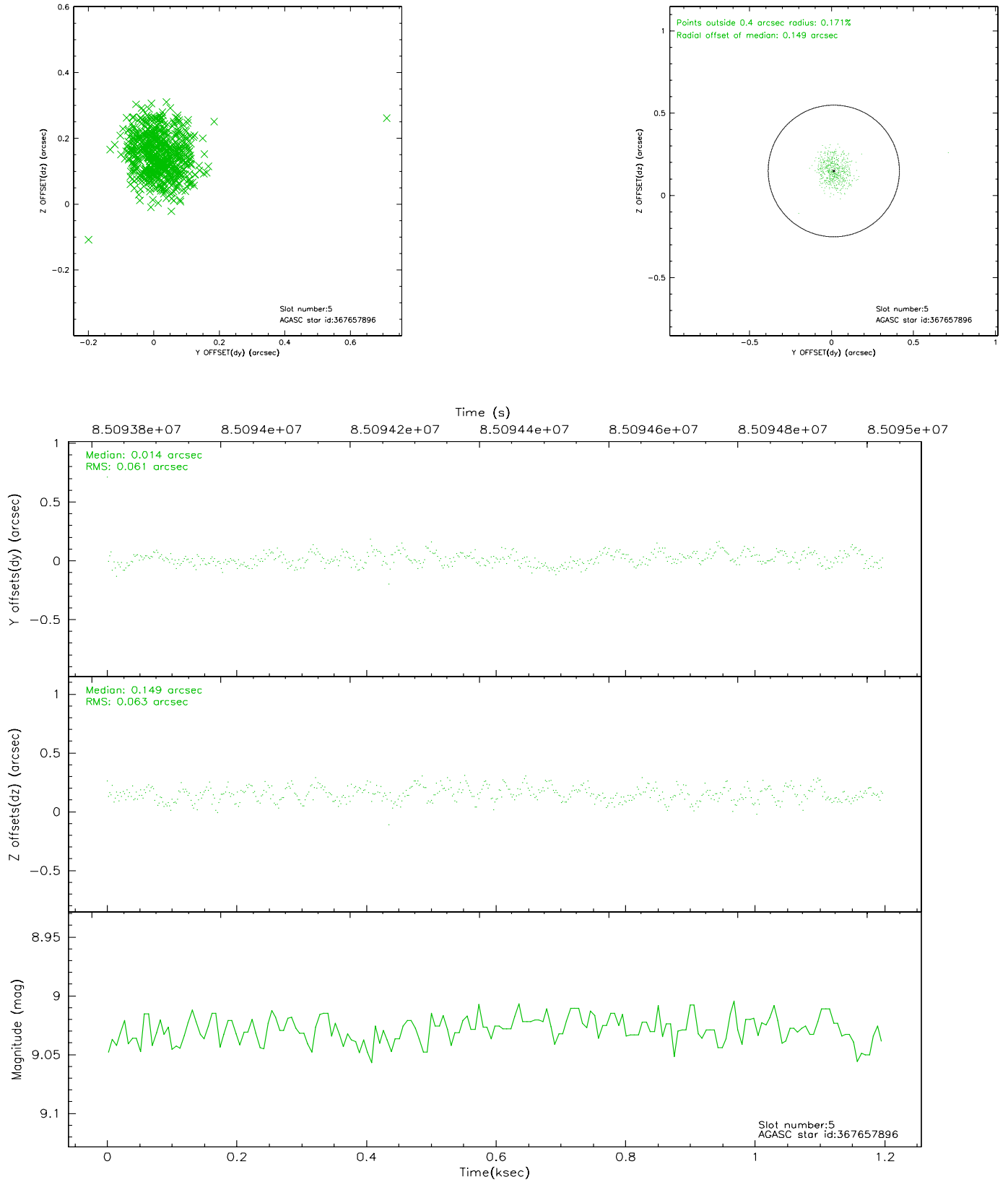
2.4.1 Slot 3



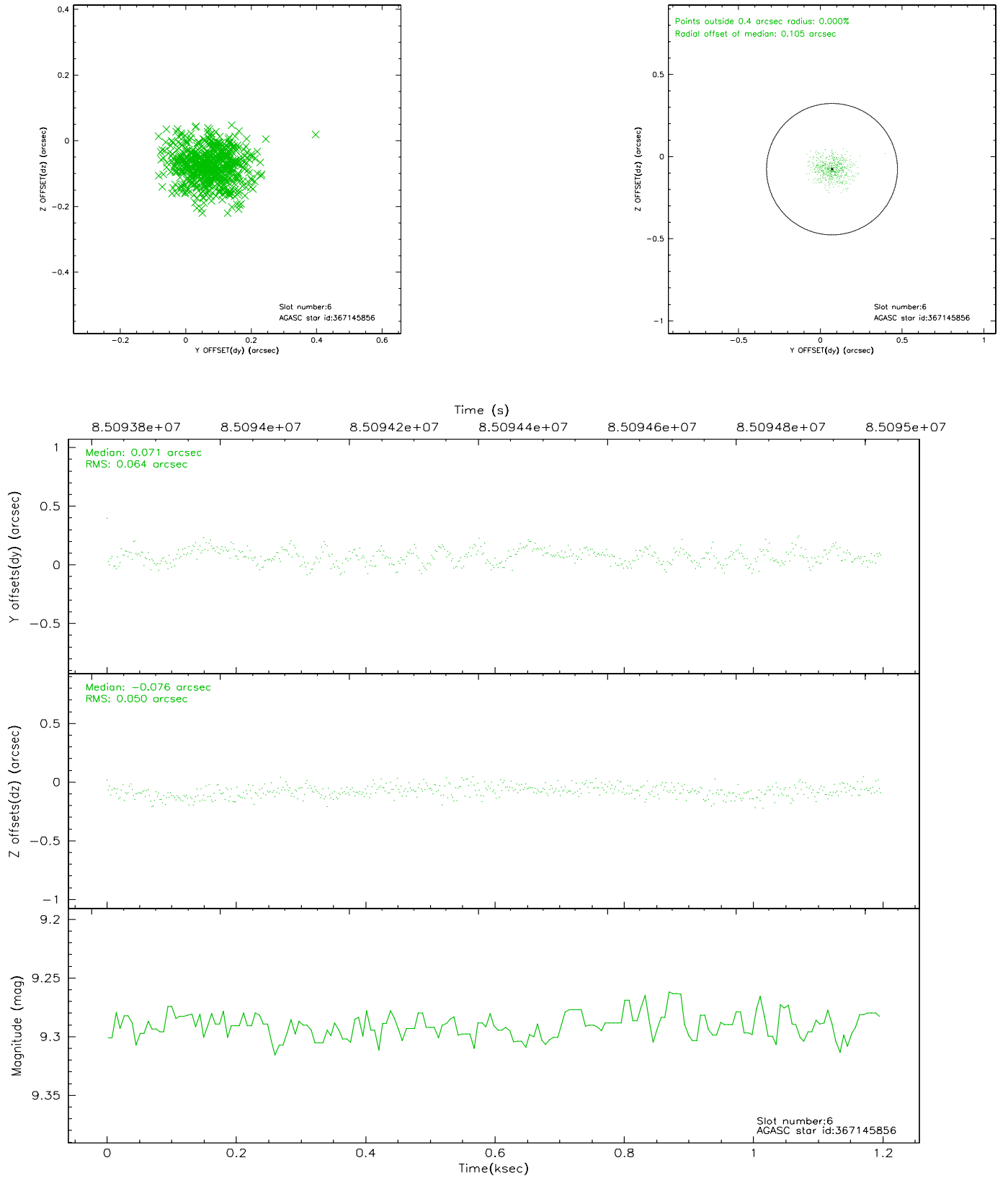
2.4.2 Slot 4



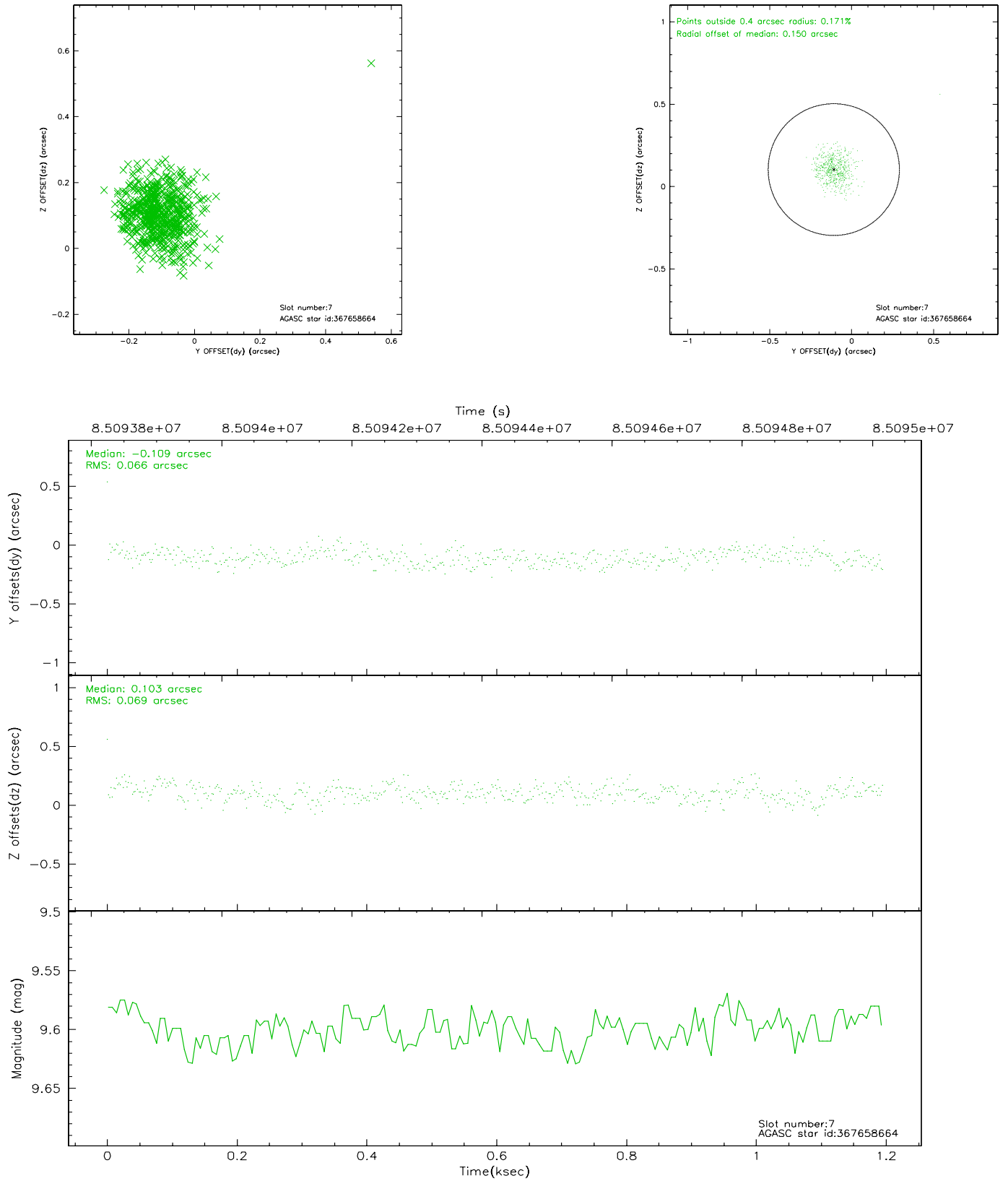
2.4.3 Slot 5



2.4.4 Slot 6

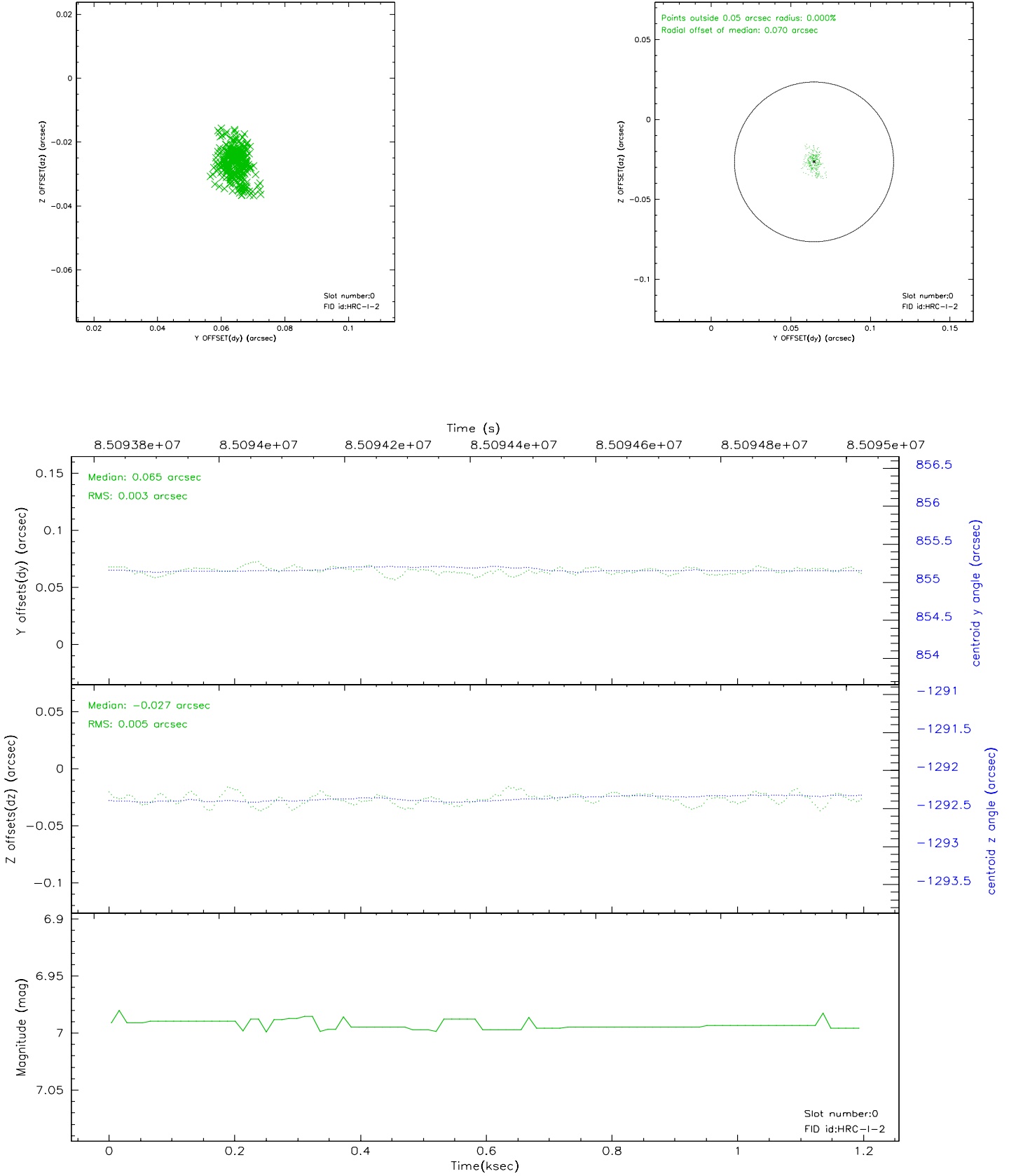


2.4.5 Slot 7

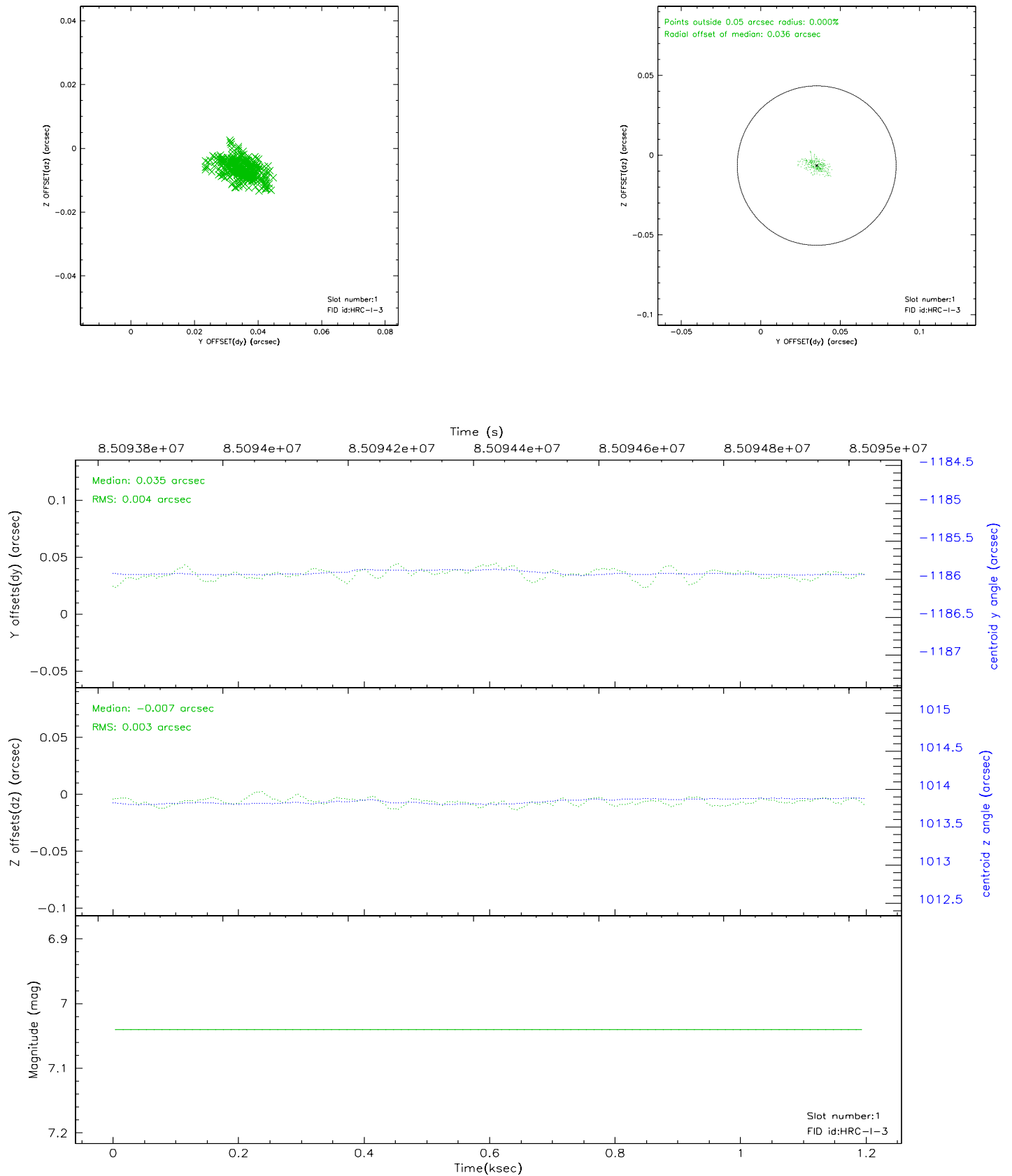


2.5 FID Slots

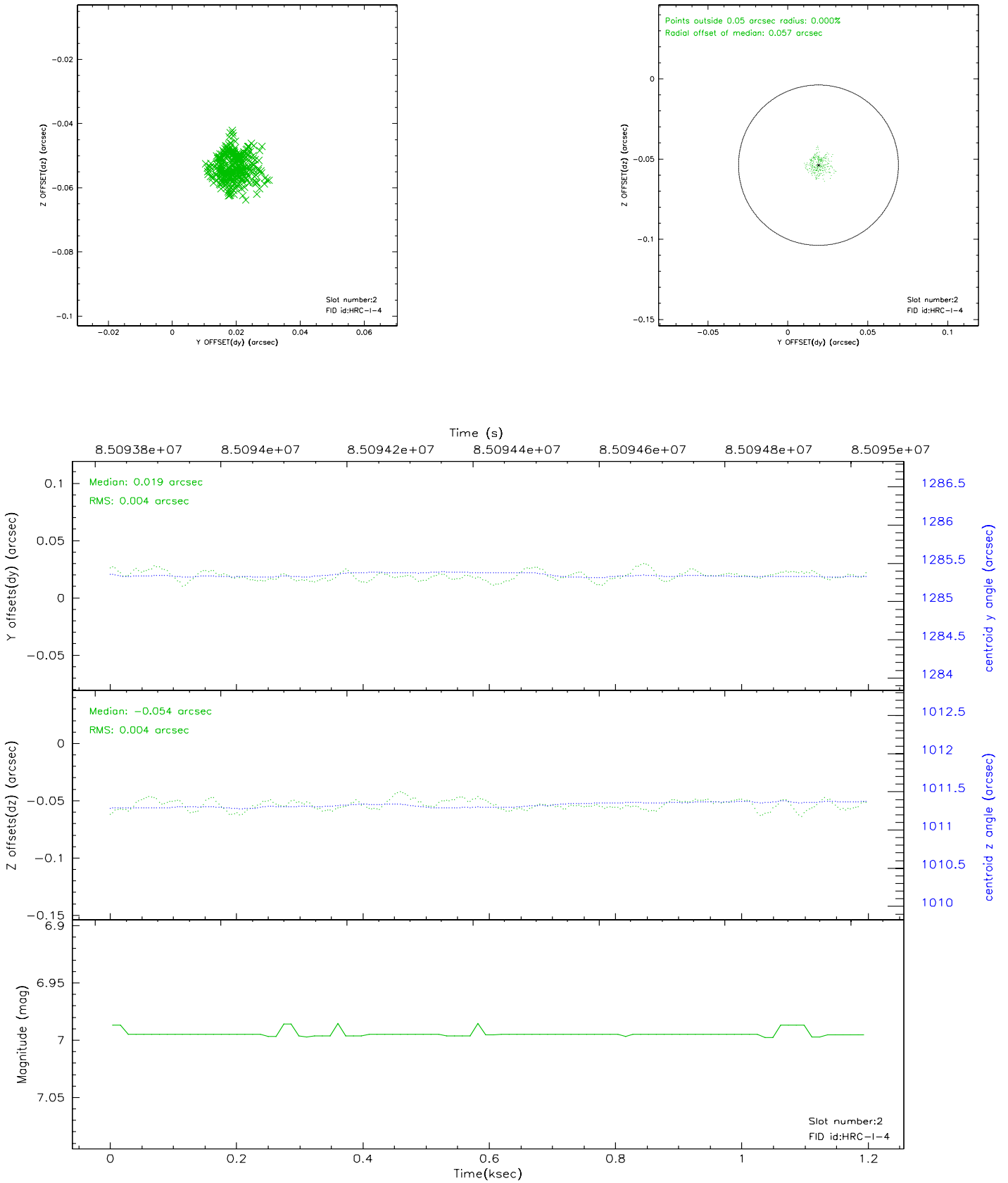
2.5.1 Slot 0



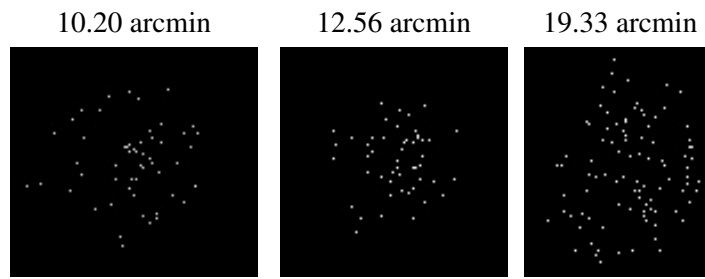
2.5.2 Slot 1



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	1.194

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.