

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2893 - L2 Version 3
Chandra X-Ray Center

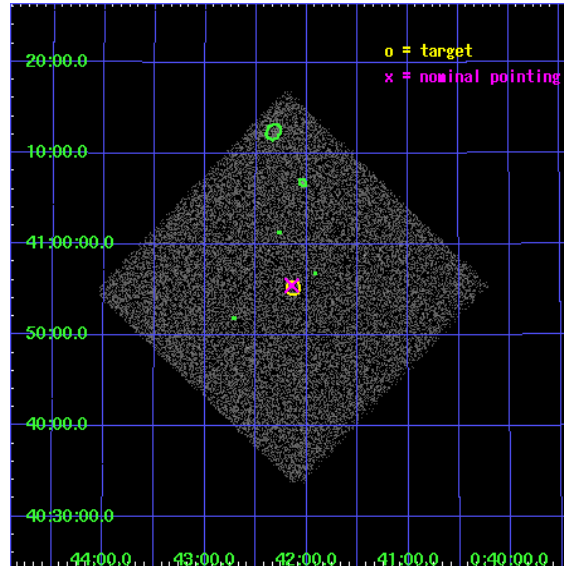
L2 Processing Date : Nov 21 2007

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1 Front

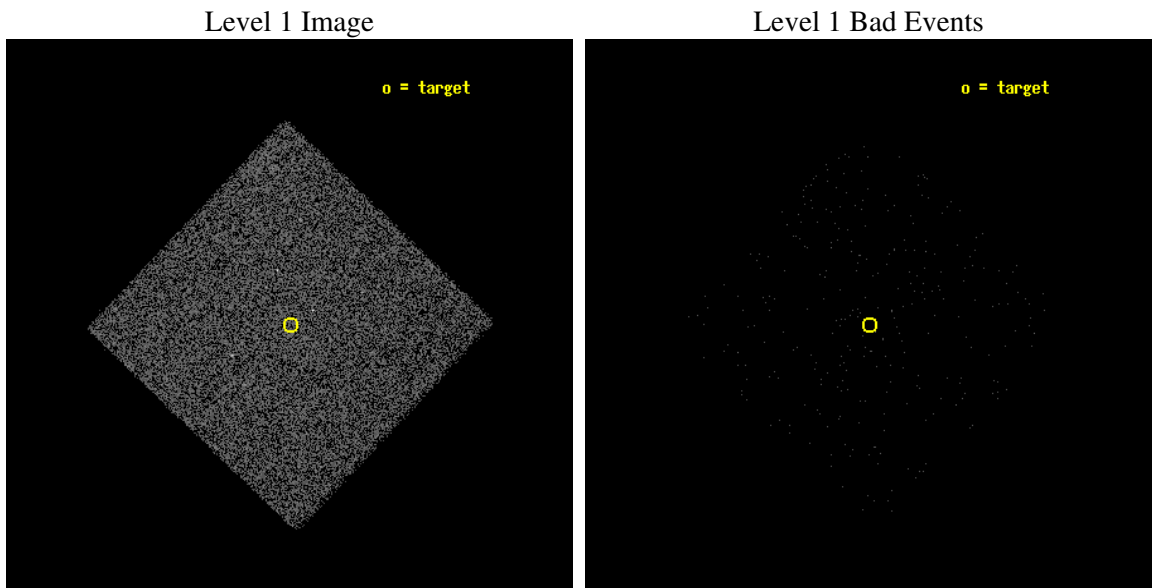
seq_num	600230
obs_id	2893
title	SEARCHING FOR X-RAY TRANSIENTS IN M31 WITH CHANDRA AND HST
observer	Dr. MICHAEL GARCIA
object	M31-S1
ra_targ	10.532917
dec_targ	40.921
ra_nom	10.536332232813
dec_nom	40.925176646006
roll_nom	88.712201769061
revision	3
ontime	1196.4312988222
livetime	1190.2004063811
l2events	31638



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	2007-11-21T21:48:36
revision	3

sched_exp_time	1000.000000
ontime	1196.4312988222
l1events	59833

2.1.3 Events

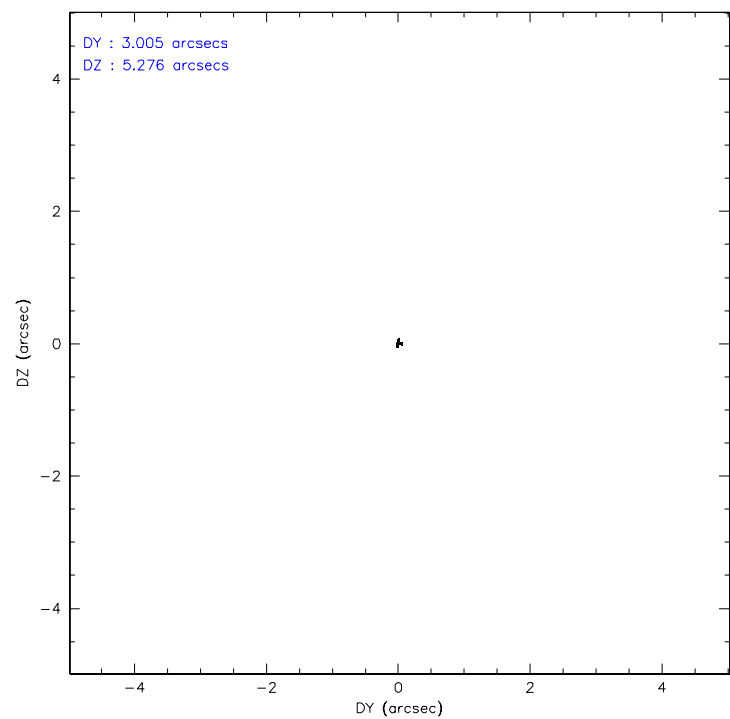
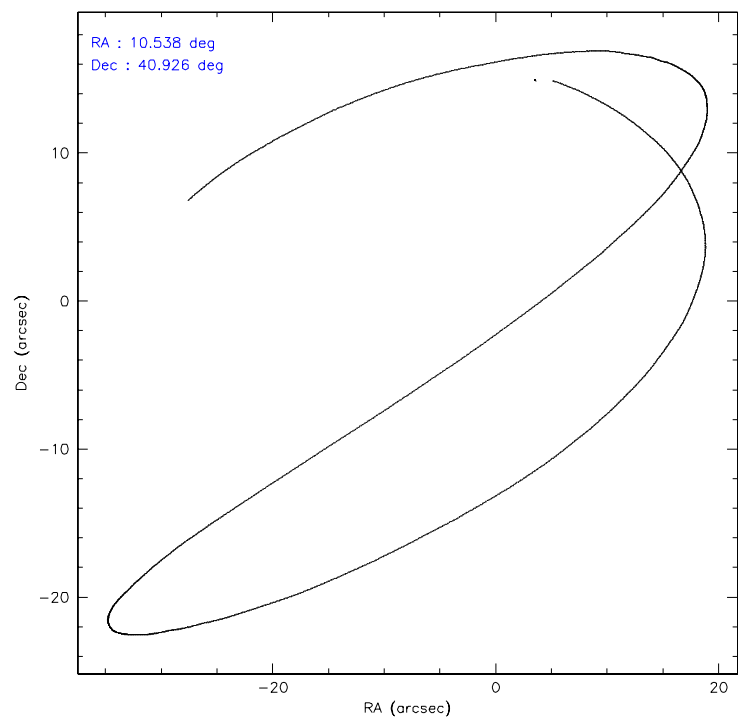
Level 1 Events

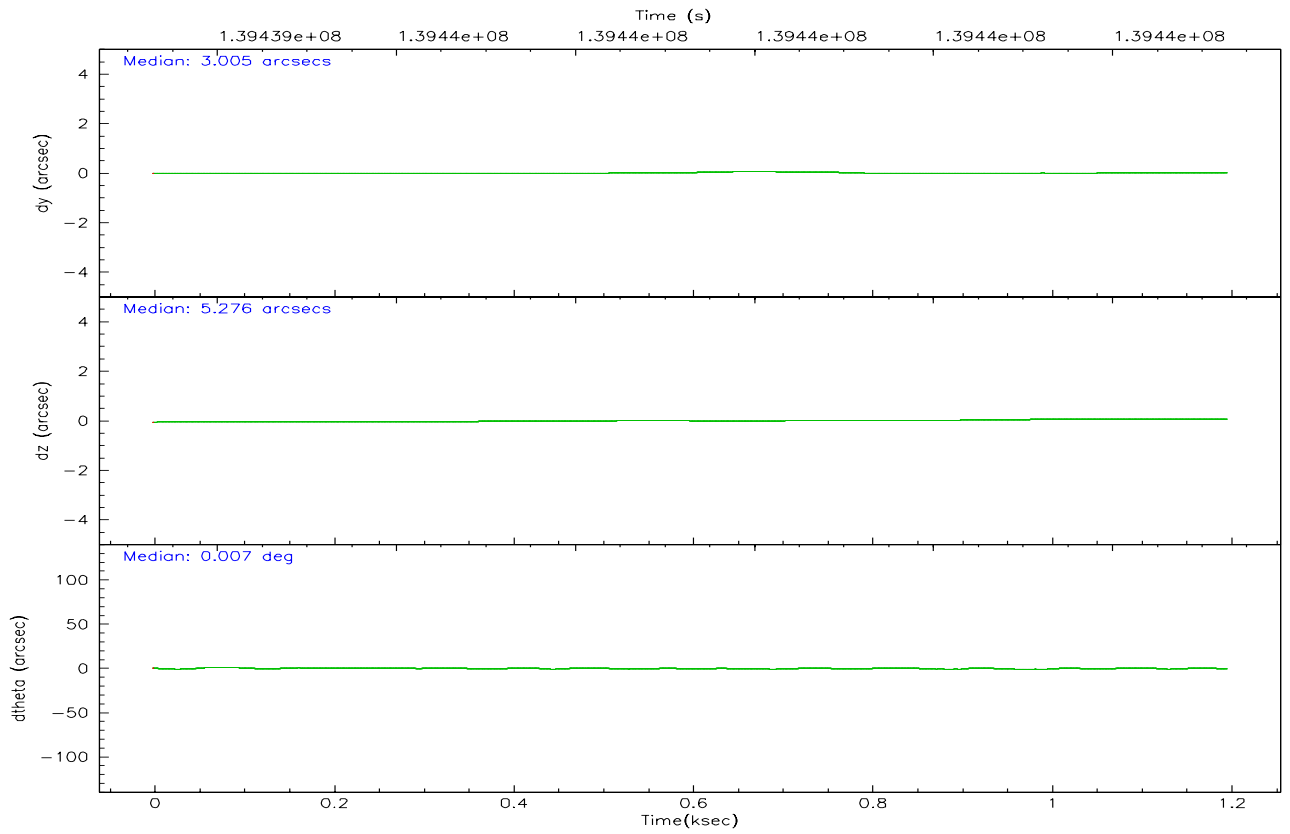
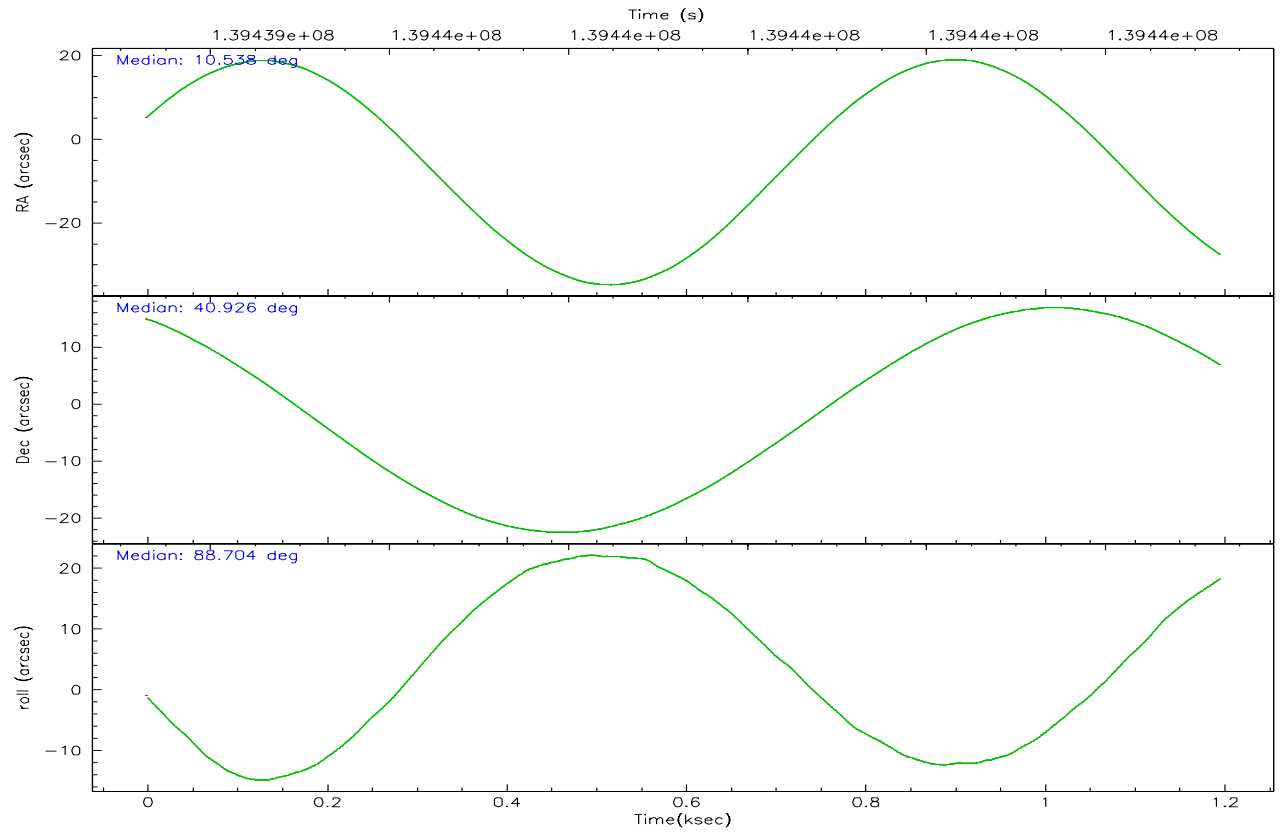
	segment 0
level 1 events	59833
rejected events	12312
rejected %	20%

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	10.553116	10.53633223281299			
Pointing Dec	40.901348	40.92517664600635			
Pointing Roll	88.796685	88.71220176906134			
Window start time	138844864.184000	138844864.184000			
Window stop time	139363264.184000	139363264.184000			
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	139439522.184000	139439146.72202			
Observation start date	2002-06-02T21:10:58	2002-06-02T21:05:46			
Observation end time	139440522.184000	139440656.54709			
Observation end date	2002-06-02T21:27:38	2002-06-02T21:30:56			

2.3 Aspect



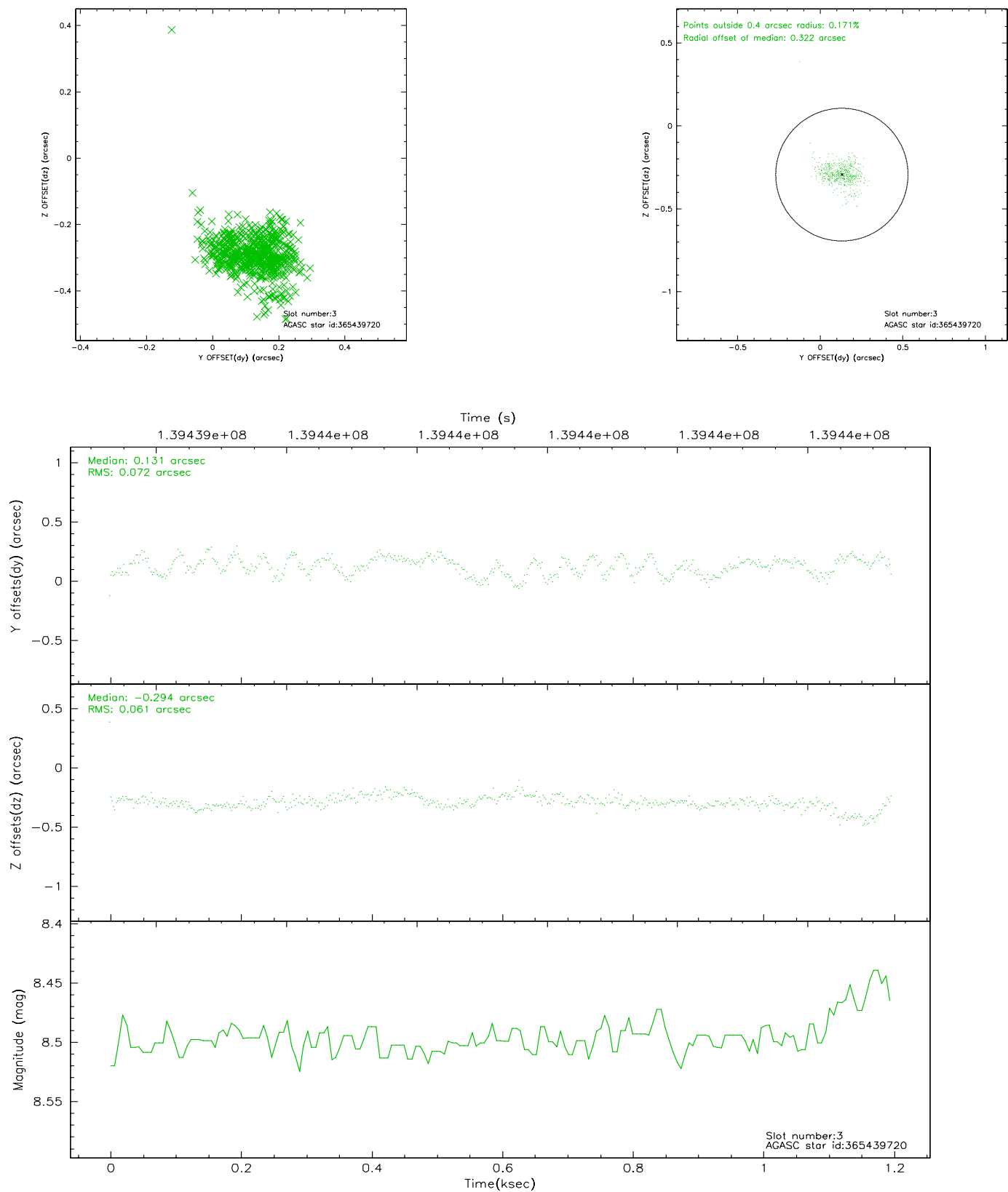


Slot Statistics

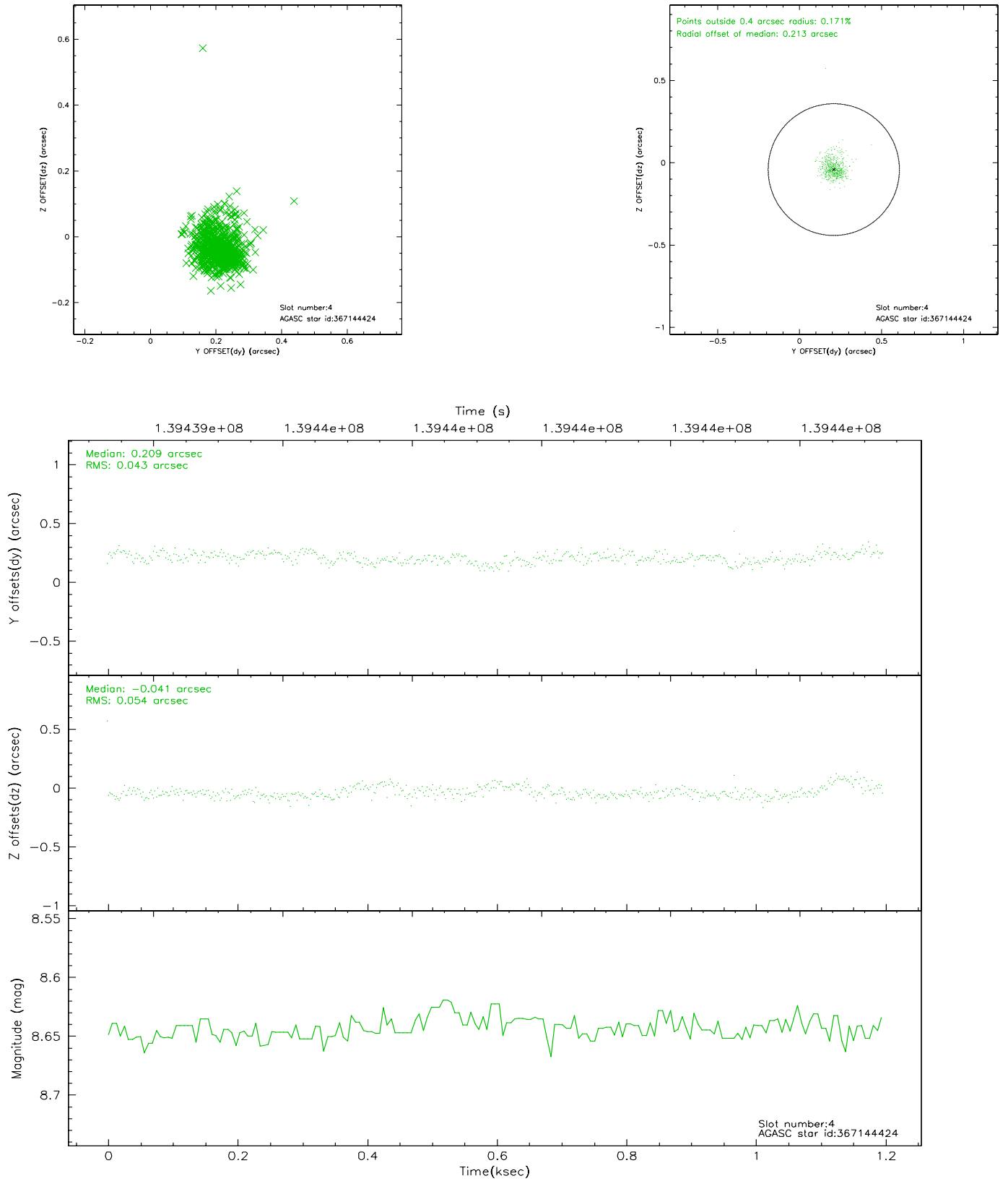
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	293	-0.000	0.039	0.007	0.011	0.000000	0.000000	-758.46	-1293.05
1	FID	HRC-I-2	7.02	293	0.070	-0.034	0.007	0.012	0.000000	0.000000	851.66	-1299.07
2	FID	HRC-I-3	7.06	293	0.050	-0.094	0.007	0.011	0.000000	0.000000	-1184.04	1006.94
3	GUIDE	365439720	8.50	585	0.131	-0.294	0.095	0.156	9.704623	40.431022	-1731.64	2293.17
4	GUIDE	367144424	8.64	585	0.209	-0.041	0.065	0.122	10.464515	40.309136	-2140.27	206.40
5	GUIDE	367146616	8.86	585	-0.162	0.268	0.128	0.282	11.418645	41.190163	1095.87	-2317.11
6	GUIDE	367657896	9.03	585	-0.159	0.189	0.089	0.138	11.197765	41.313576	1527.67	-1710.69
7	GUIDE	367658664	9.60	584	-0.019	-0.118	0.088	0.147	10.374070	41.369746	1677.73	520.60

2.4 Star Slots

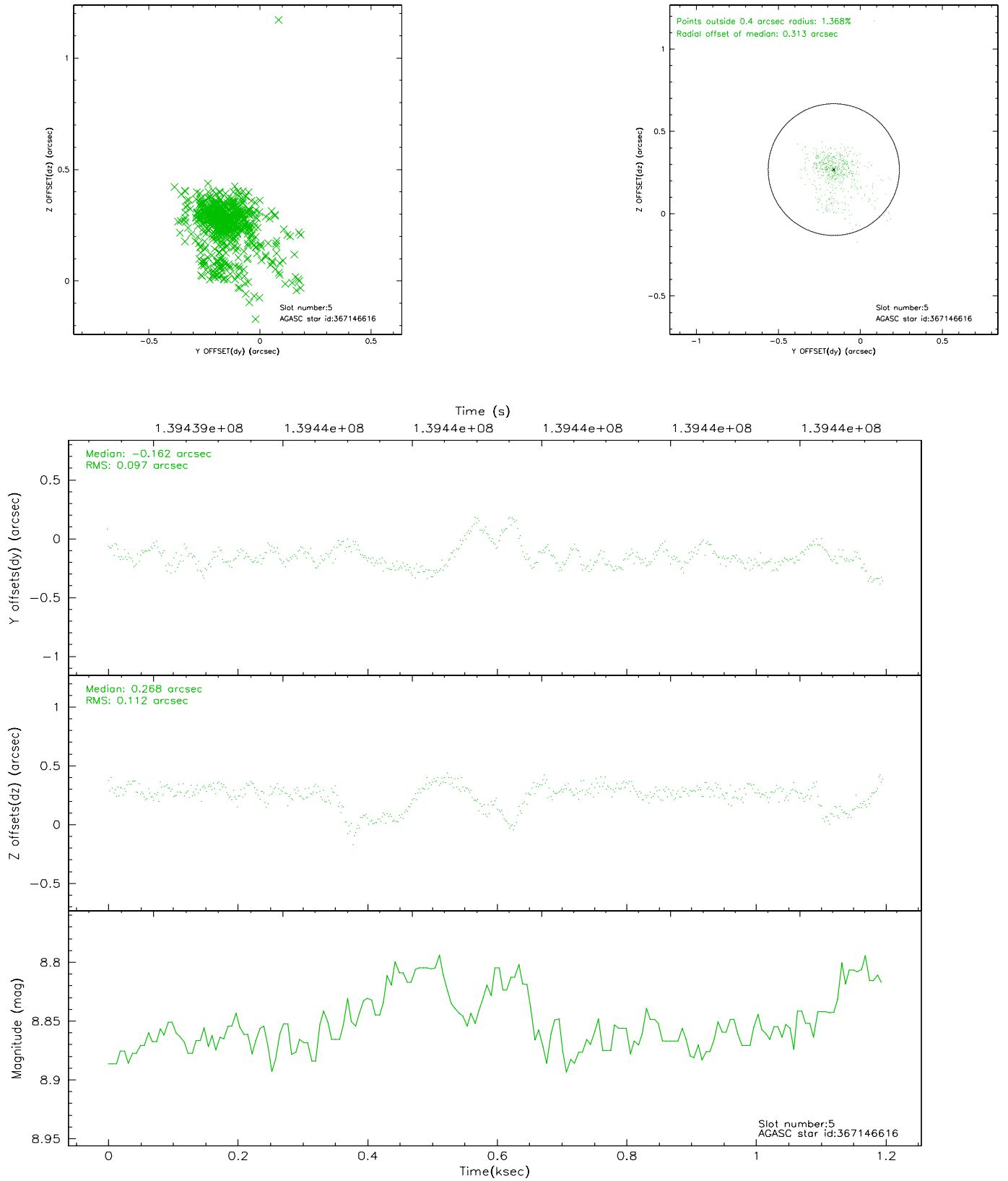
2.4.1 Slot 3



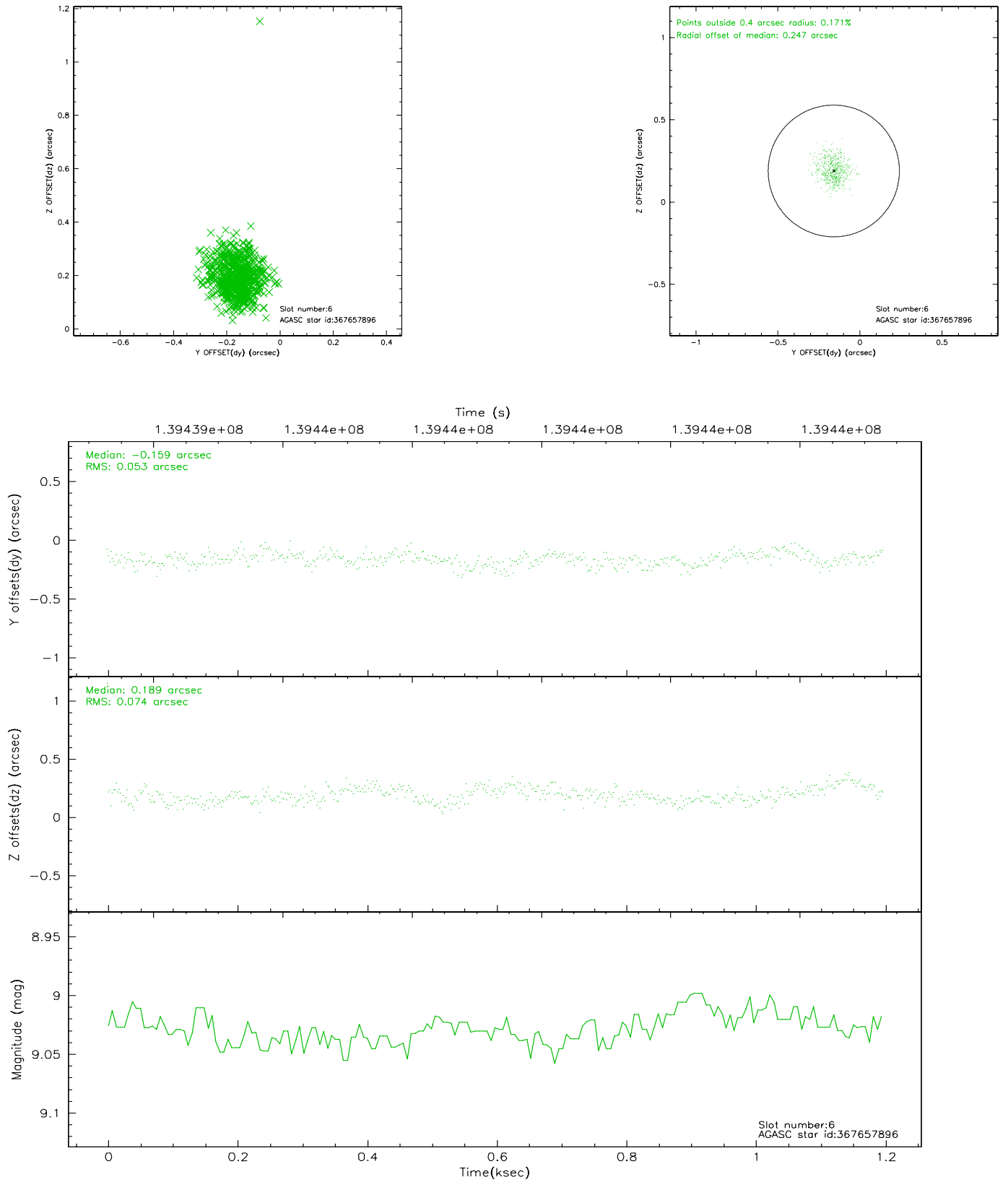
2.4.2 Slot 4



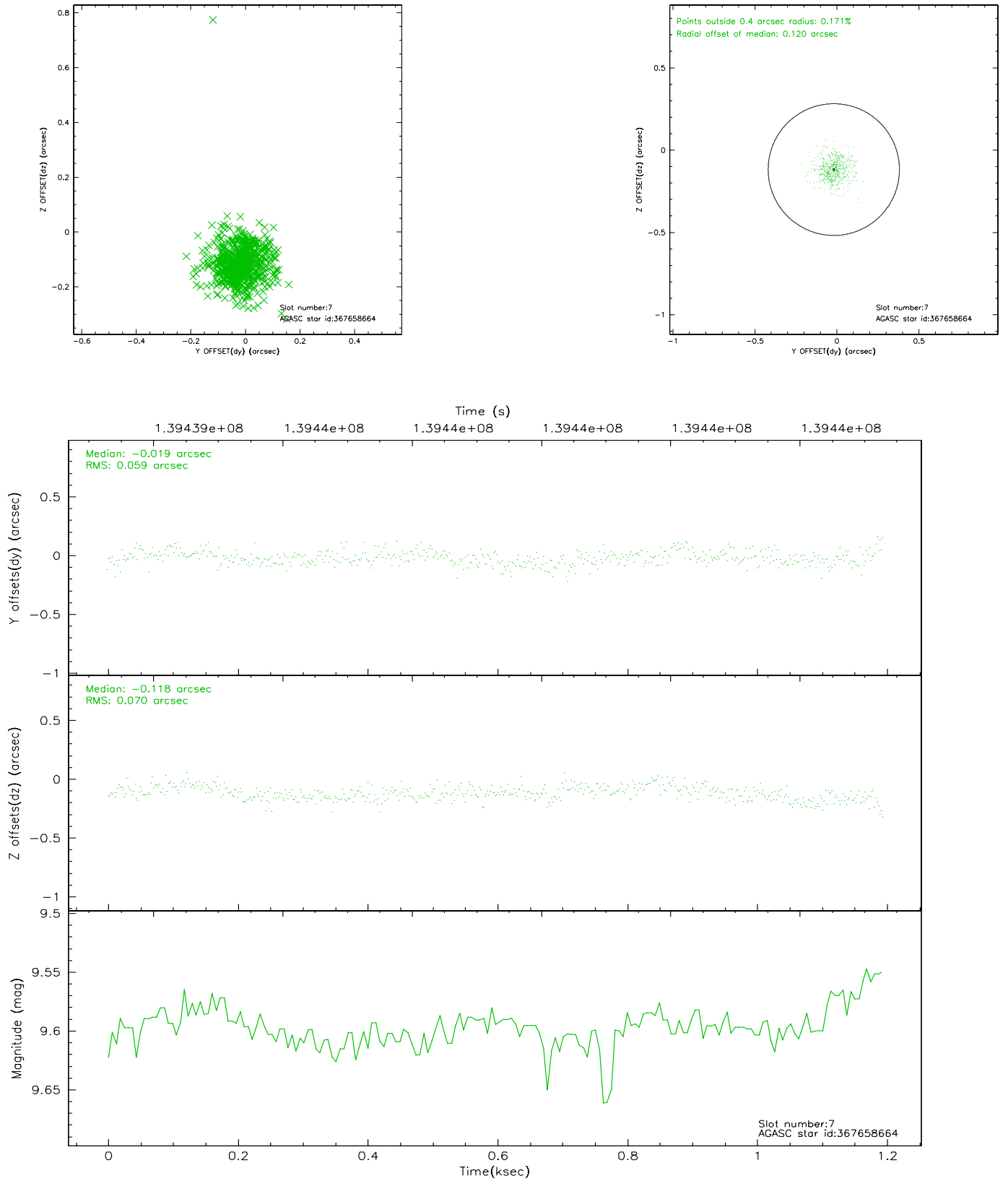
2.4.3 Slot 5



2.4.4 Slot 6

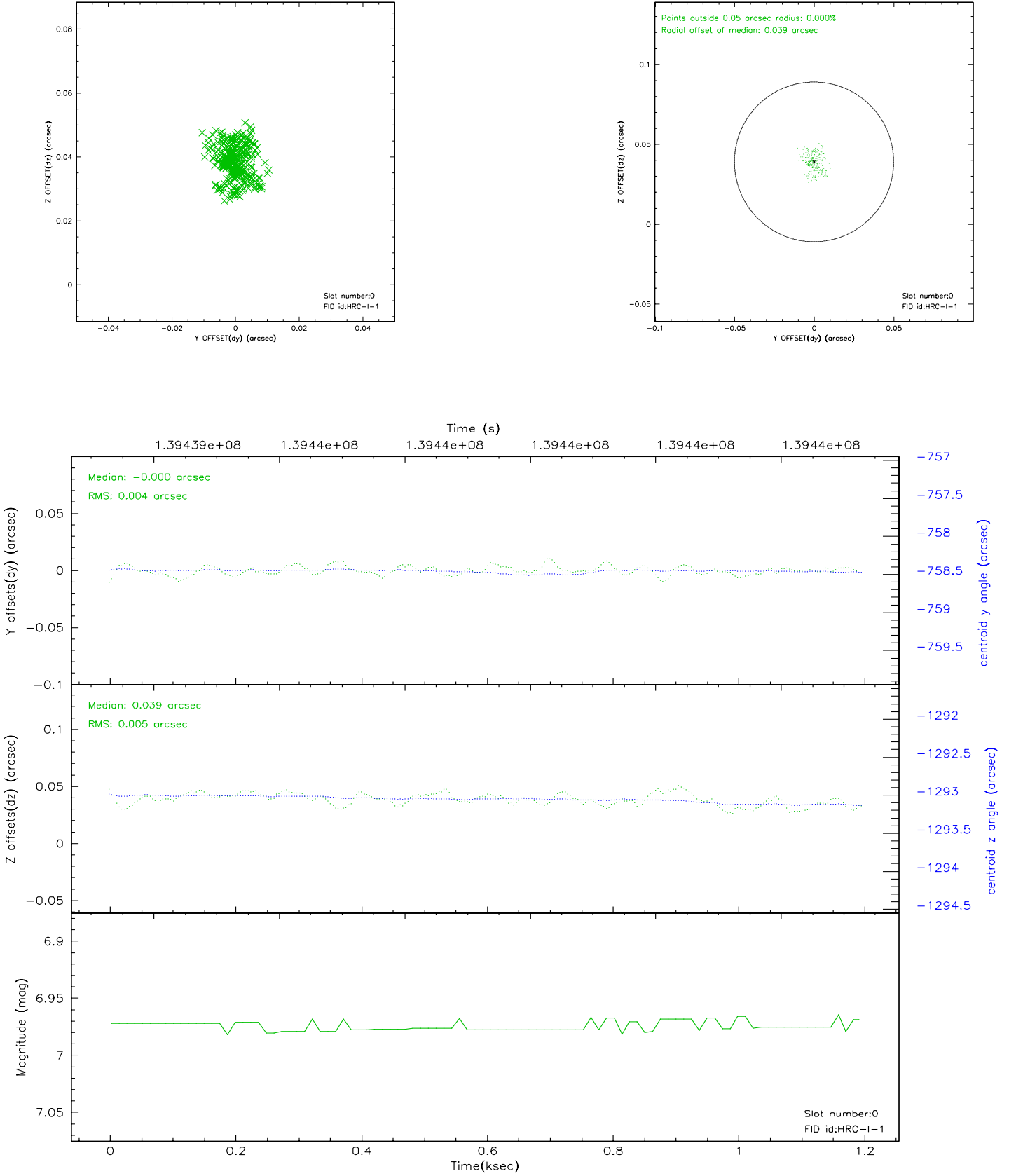


2.4.5 Slot 7

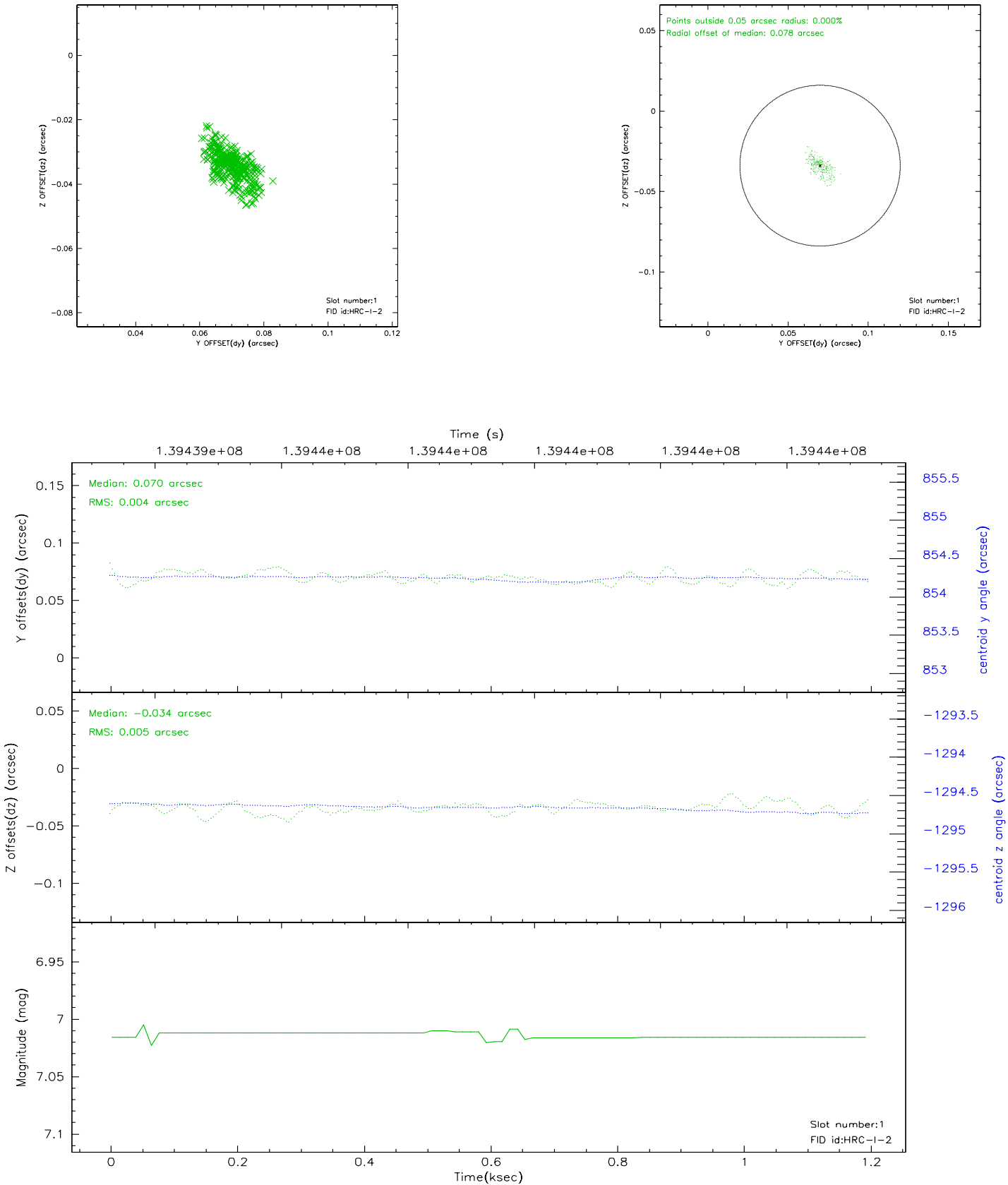


2.5 FID Slots

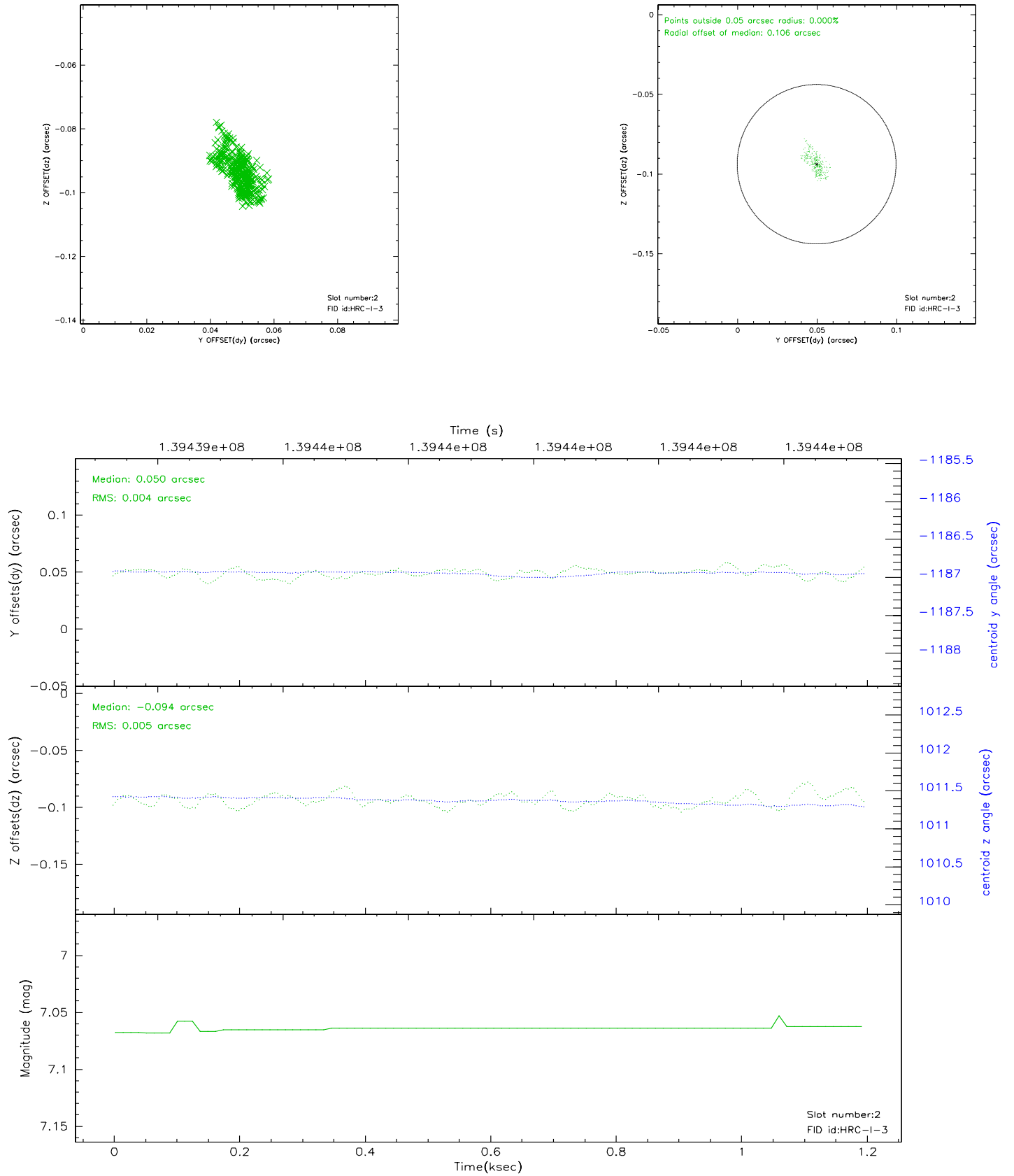
2.5.1 Slot 0



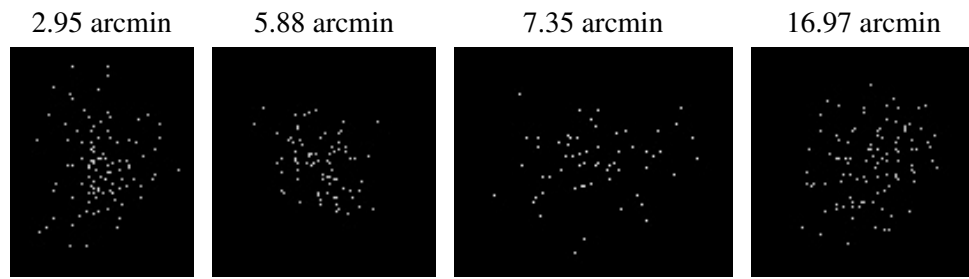
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.12.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.196

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.