

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 591 - L2 Version 3
Chandra X-Ray Center

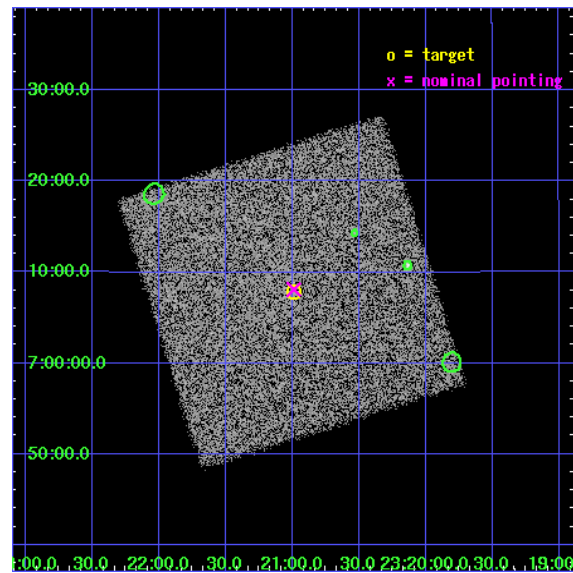
L2 Processing Date : Nov 20 2007

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1 Front

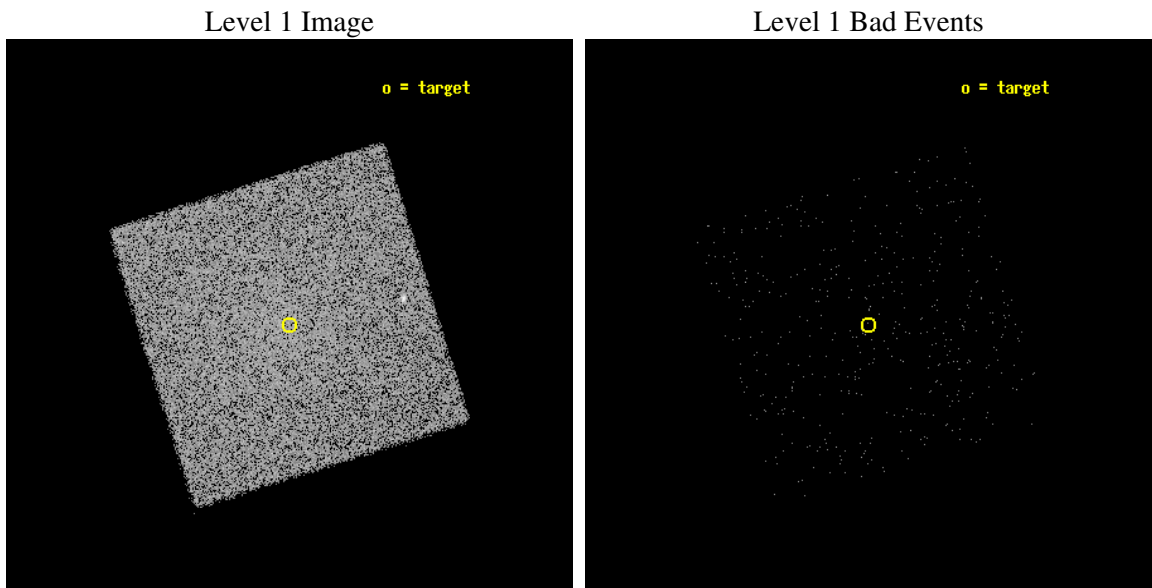
seq_num	100009
obs_id	591
title	SOLVING THE PUZZLE OF COMETARY X-RAY ORIGIN: OBSERVATIONS OF COMET 10P/TEMPEL 2
observer	DR W. THOMAS VESTRAND
object	LINEAR 2001 A2
ra_targ	350.247788
dec_targ	7.13089
ra_nom	350.24730183951
dec_nom	7.1351276625077
roll_nom	117.57584671087
revision	3
ontime	2131.2313333601
livetime	2120.2666771173
l2events	55685



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	2007-11-20T16:08:23
revision	3

sched_exp_time	2150.000000
ontime	2131.2313333601
l1events	89879

2.1.3 Events

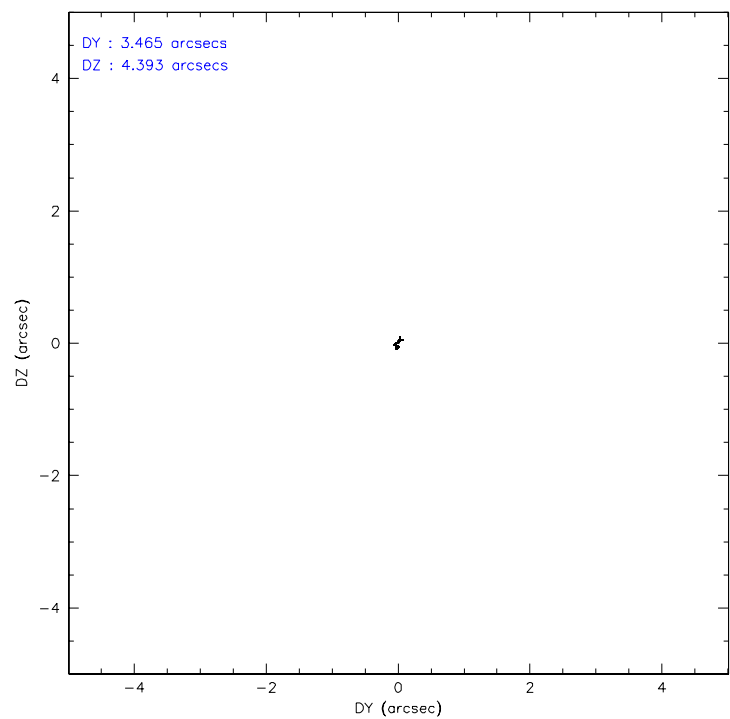
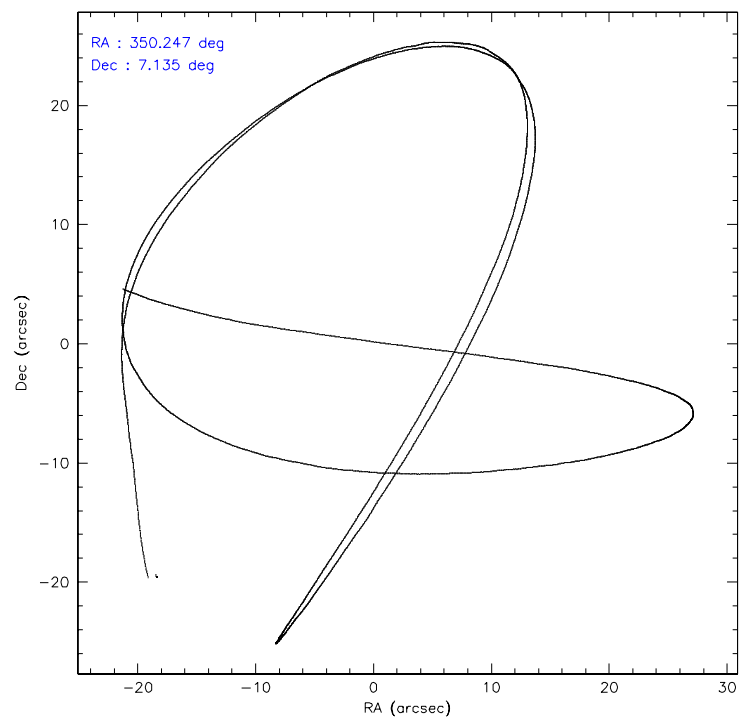
Level 1 Events

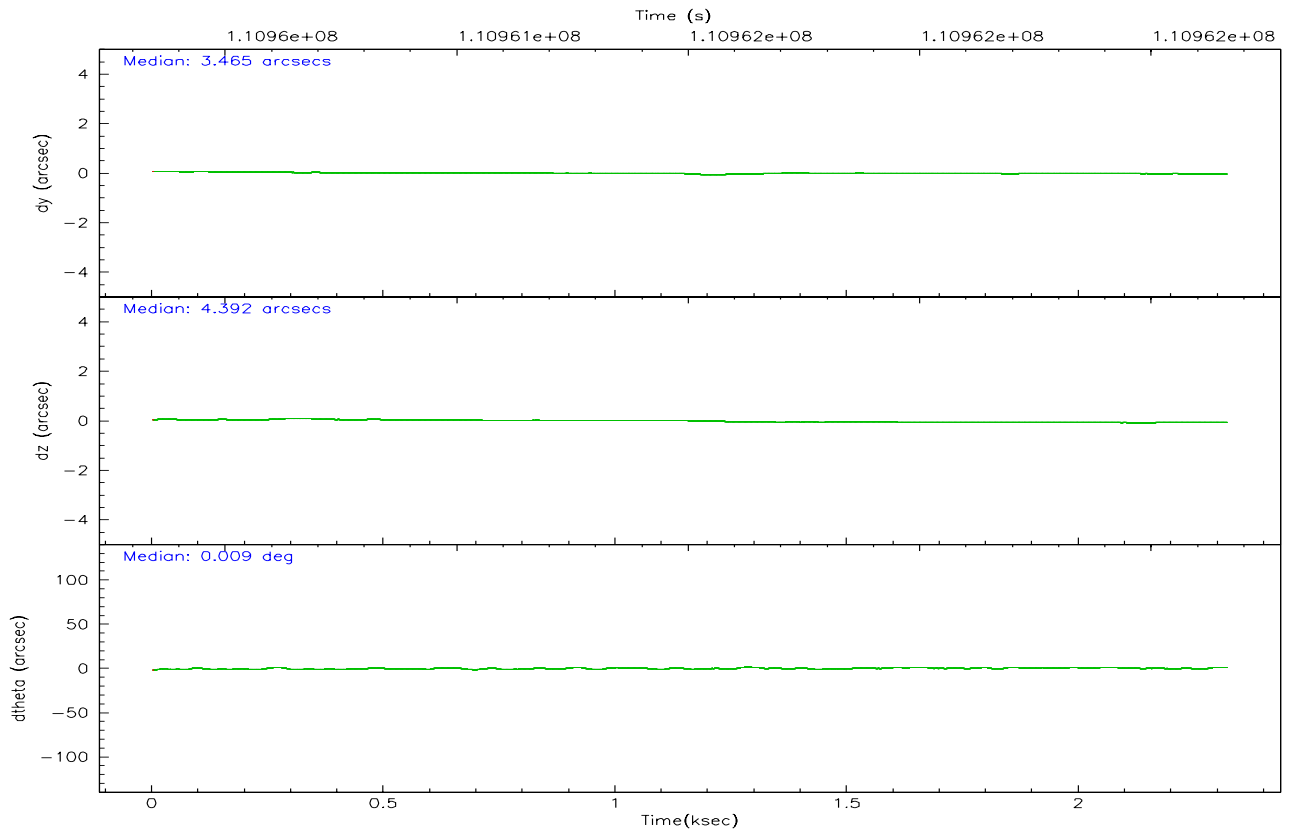
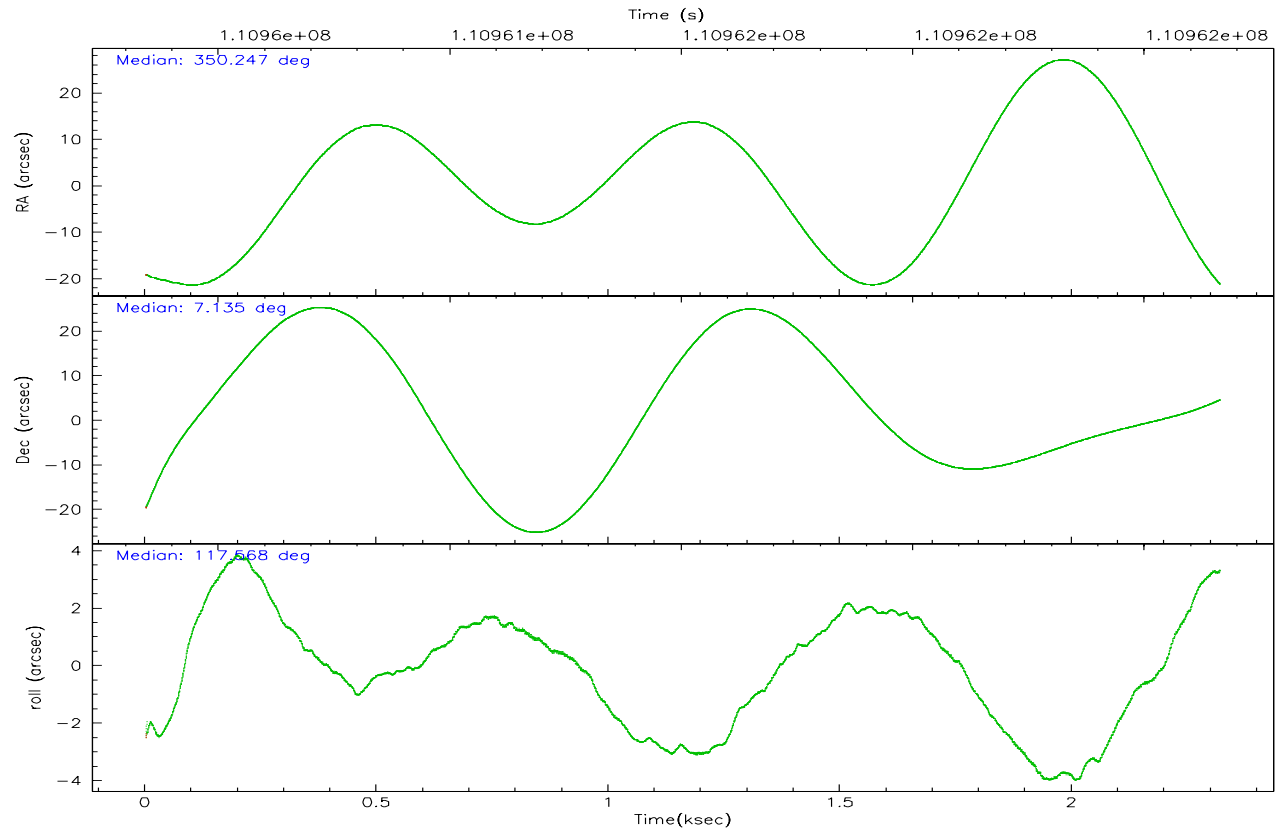
	segment 0
level 1 events	89879
rejected events	6849
rejected %	7%

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	350.270819	350.2473018395139			
Pointing Dec	7.121047	7.135127662507692			
Pointing Roll	117.668427	117.5758467108748			
Window start time	110419264.184000	110419264.184000			
Window stop time	111024064.184000	111024064.184000			
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	110960517.184000	110959563.11867			
Observation start date	2001-07-08T06:20:53	2001-07-08T06:06:03			
Observation end time	110962667.184000	110962800.58129			
Observation end date	2001-07-08T06:56:43	2001-07-08T07:00:00			

2.3 Aspect



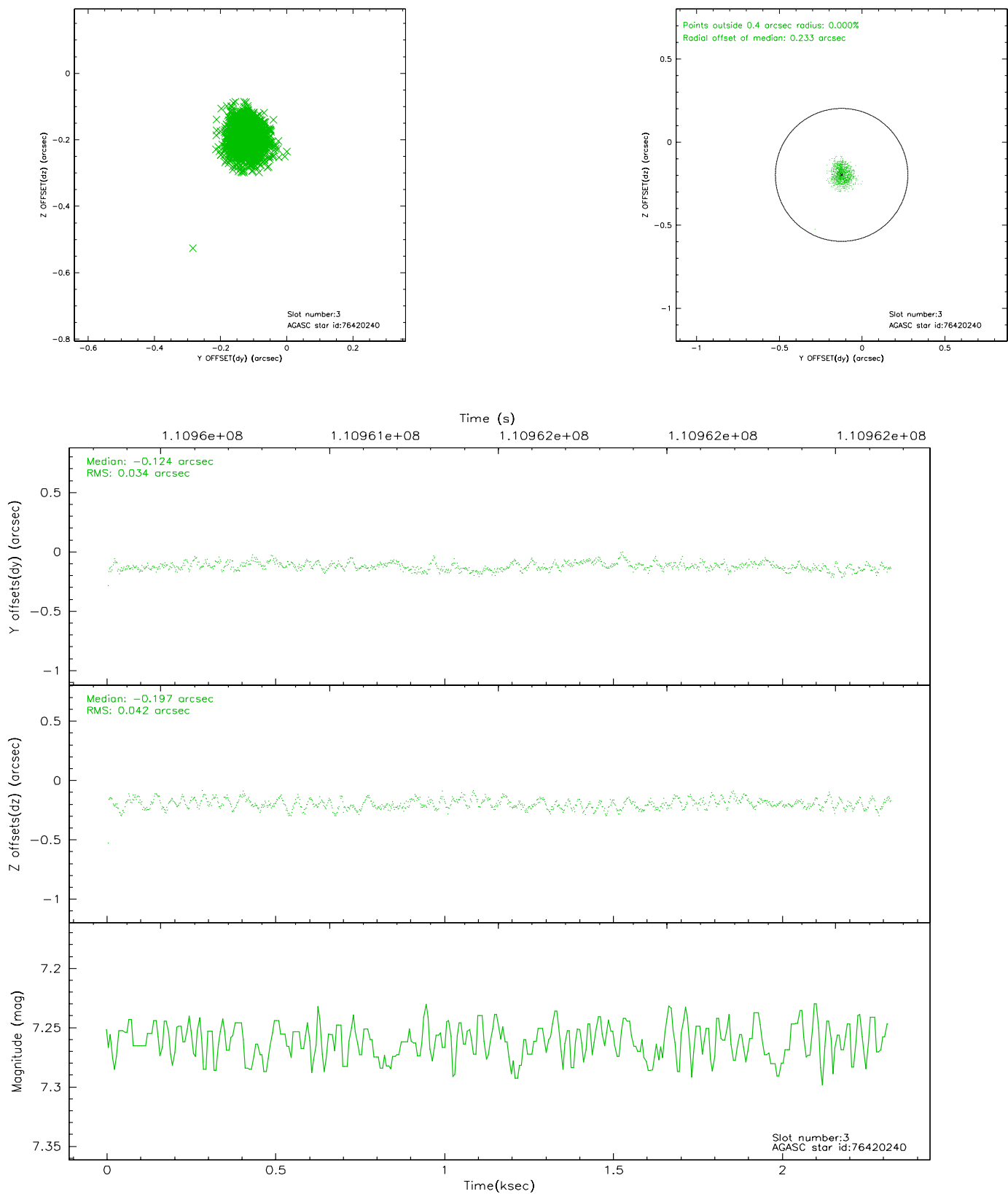


Slot Statistics

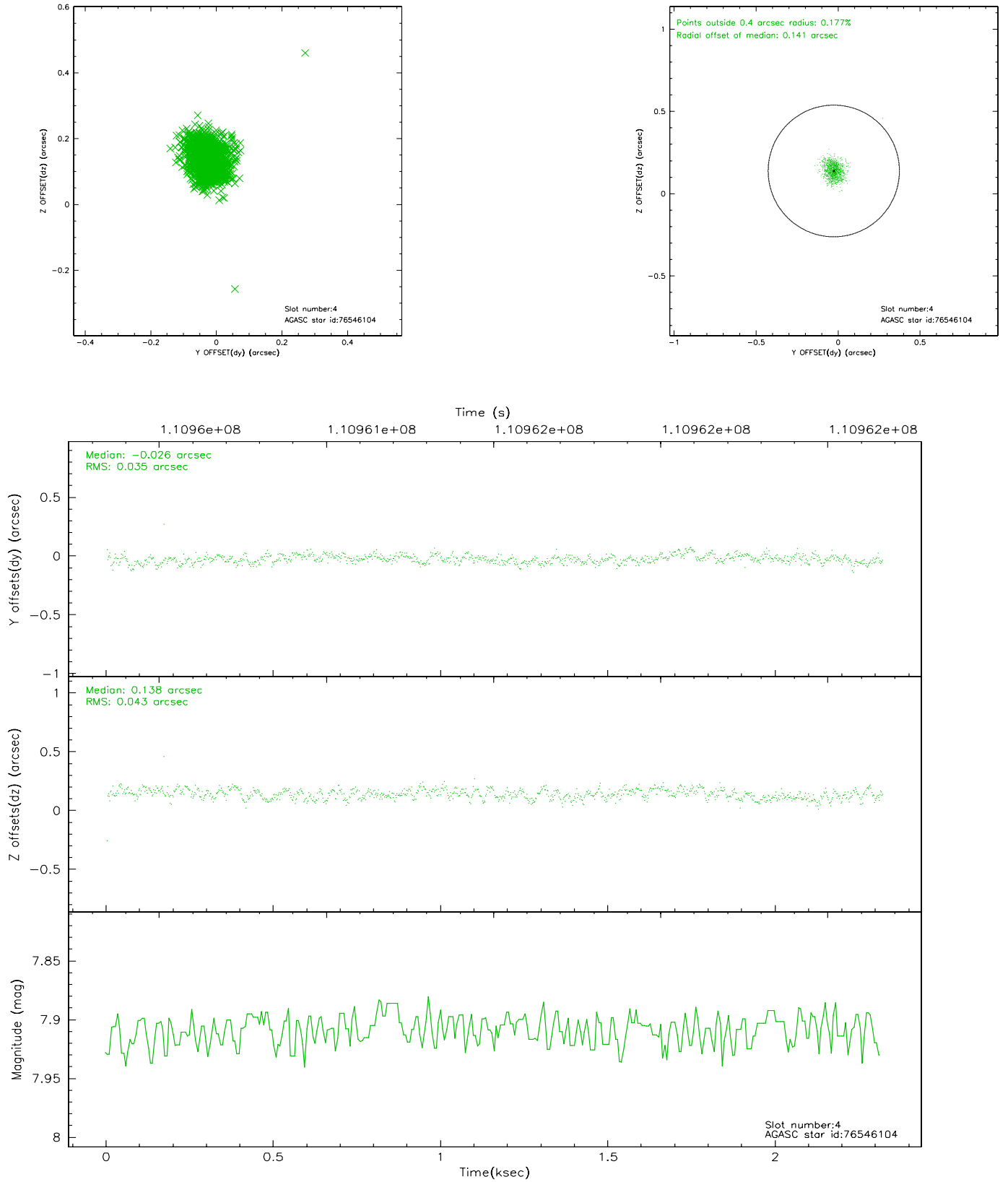
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.00	566	0.054	0.059	0.007	0.011	0.000000	0.000000	-758.92	-1292.08
1	FID	HRC-I-3	7.09	566	-0.001	-0.086	0.007	0.012	0.000000	0.000000	-1188.77	1010.06
2	FID	HRC-I-4	7.02	566	0.060	-0.062	0.006	0.009	0.000000	0.000000	1281.81	1011.72
3	GUIDE	76420240	7.26	1132	-0.124	-0.197	0.058	0.089	349.834746	7.214951	1022.47	1221.60
4	GUIDE	76546104	7.91	1132	-0.026	0.138	0.058	0.091	350.637569	7.487255	560.87	-1770.80
5	GUIDE	76551232	8.01	1132	0.045	-0.167	0.056	0.088	350.076046	6.872411	-469.30	1030.10
6	GUIDE	76547376	8.36	1132	0.179	0.060	0.052	0.086	350.586866	6.650509	-2025.33	-214.09
7	GUIDE	152314144	8.26	1131	-0.087	0.170	0.056	0.092	350.482166	7.593054	1152.76	-1457.21

2.4 Star Slots

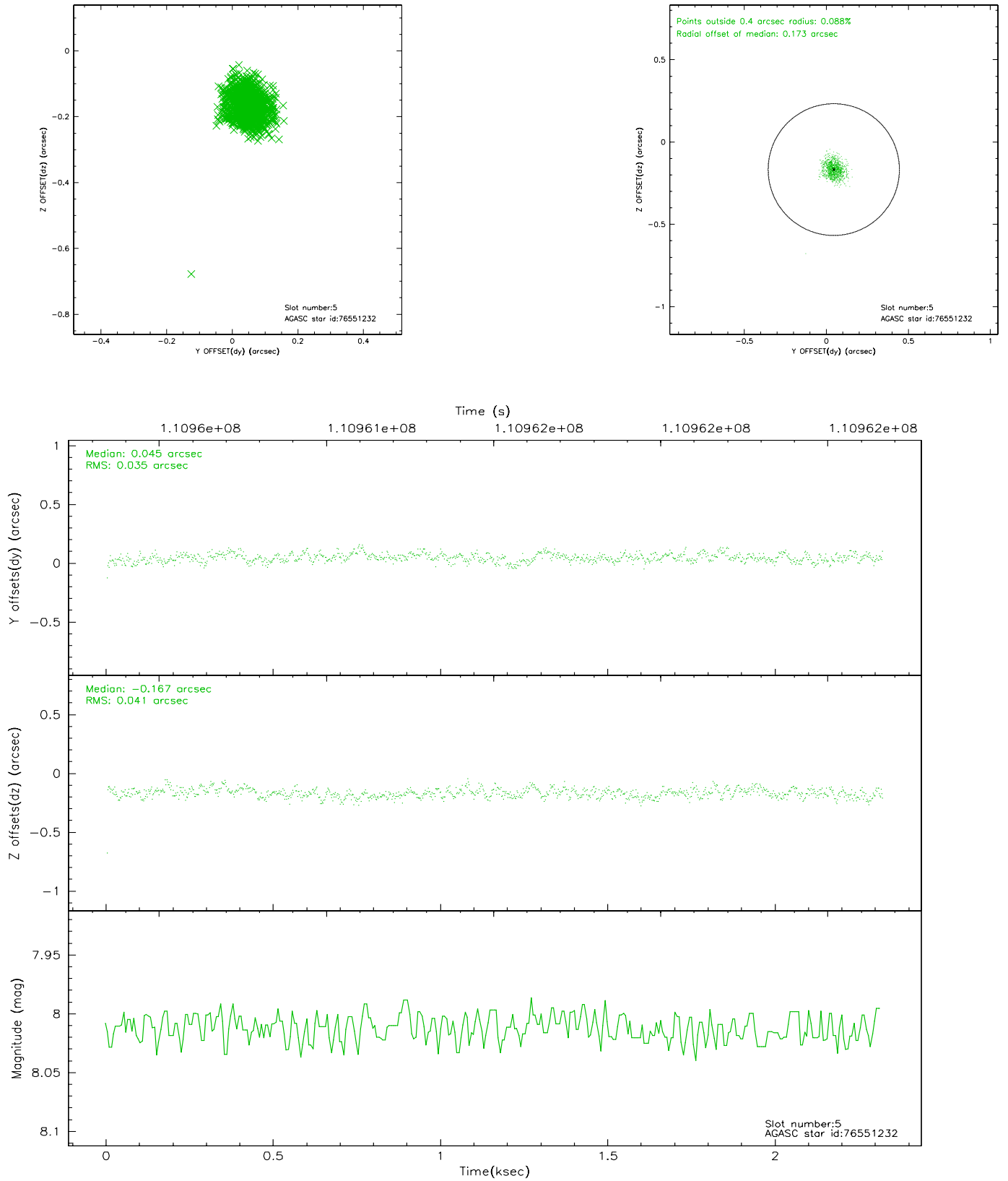
2.4.1 Slot 3



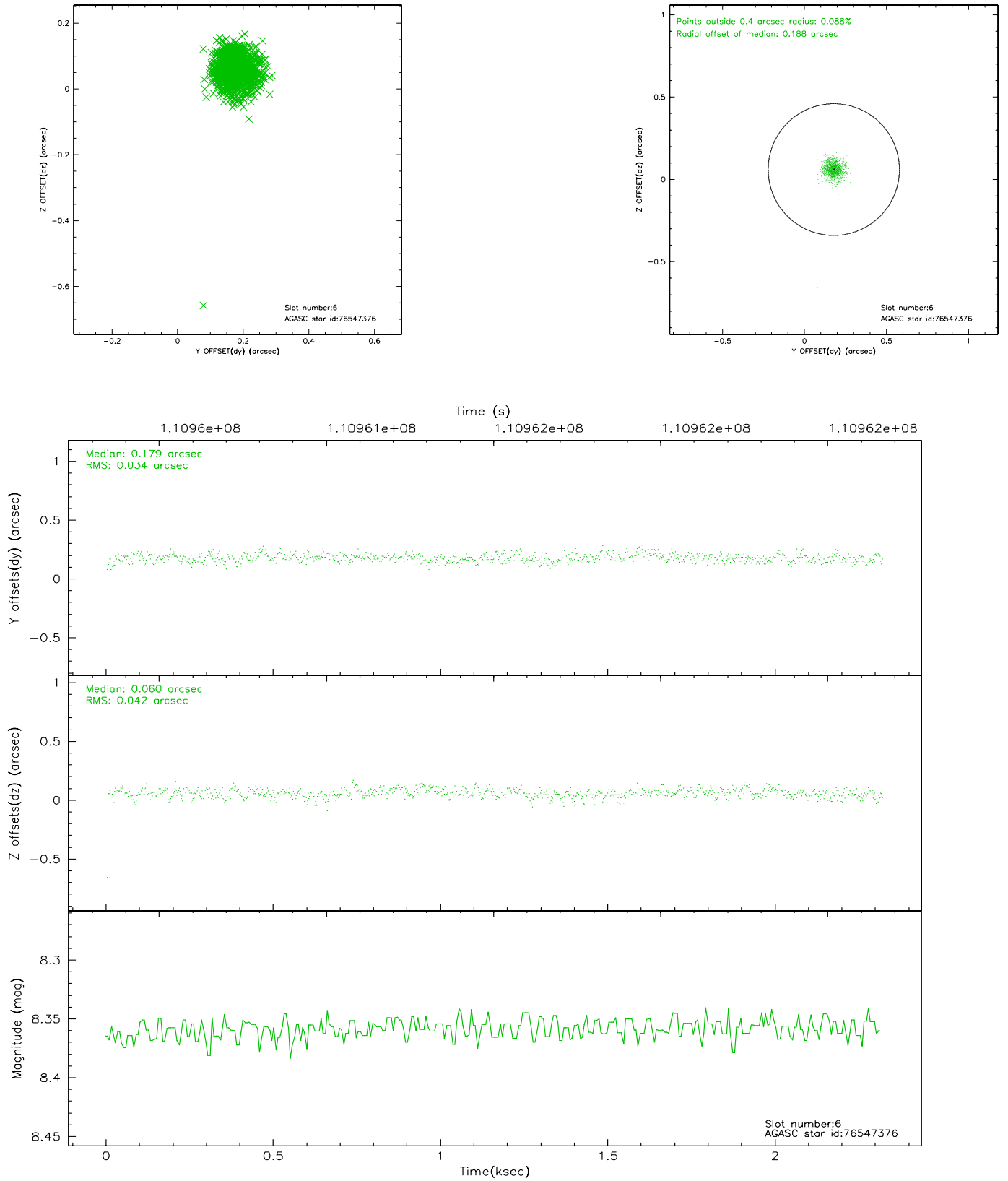
2.4.2 Slot 4



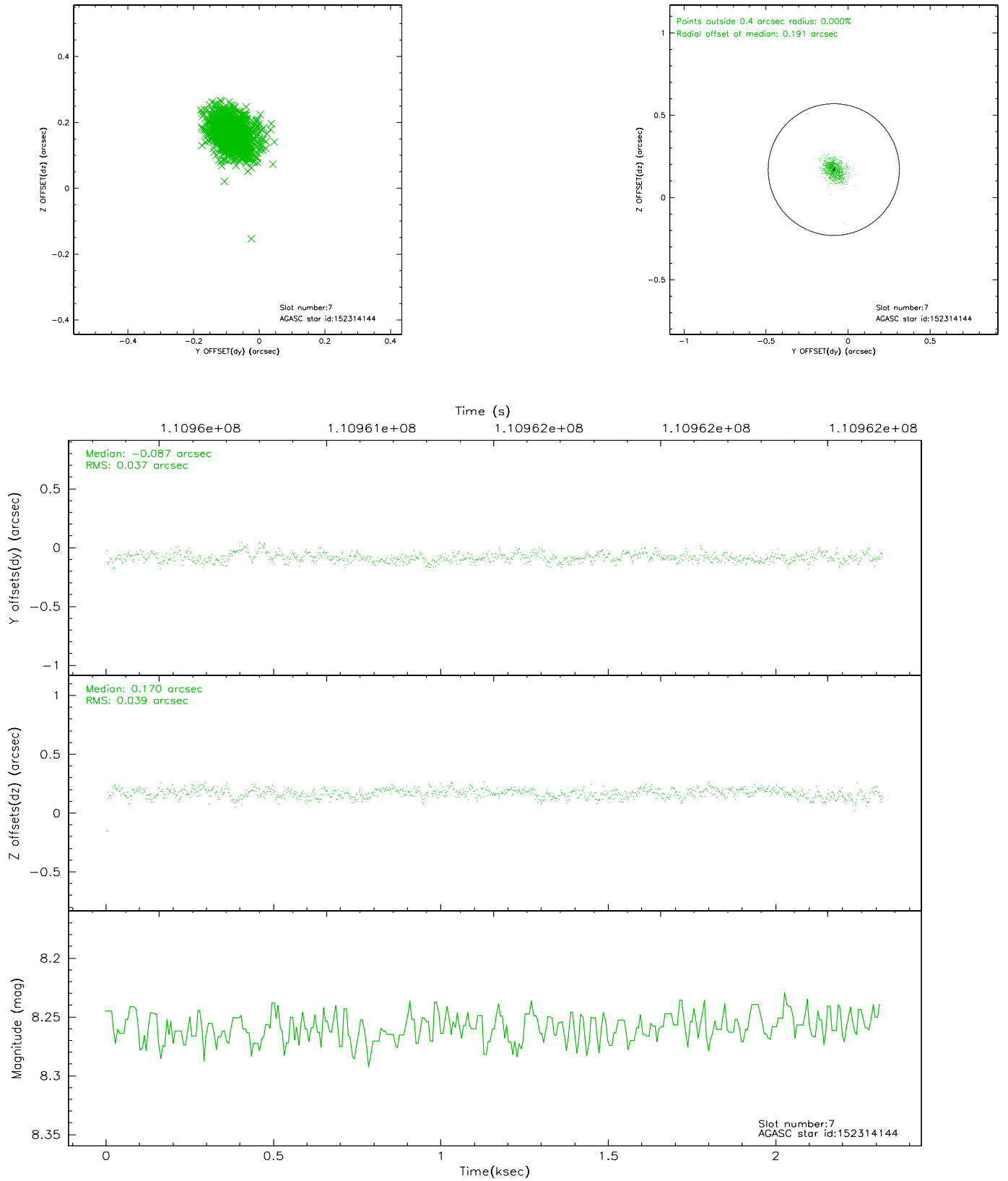
2.4.3 Slot 5



2.4.4 Slot 6

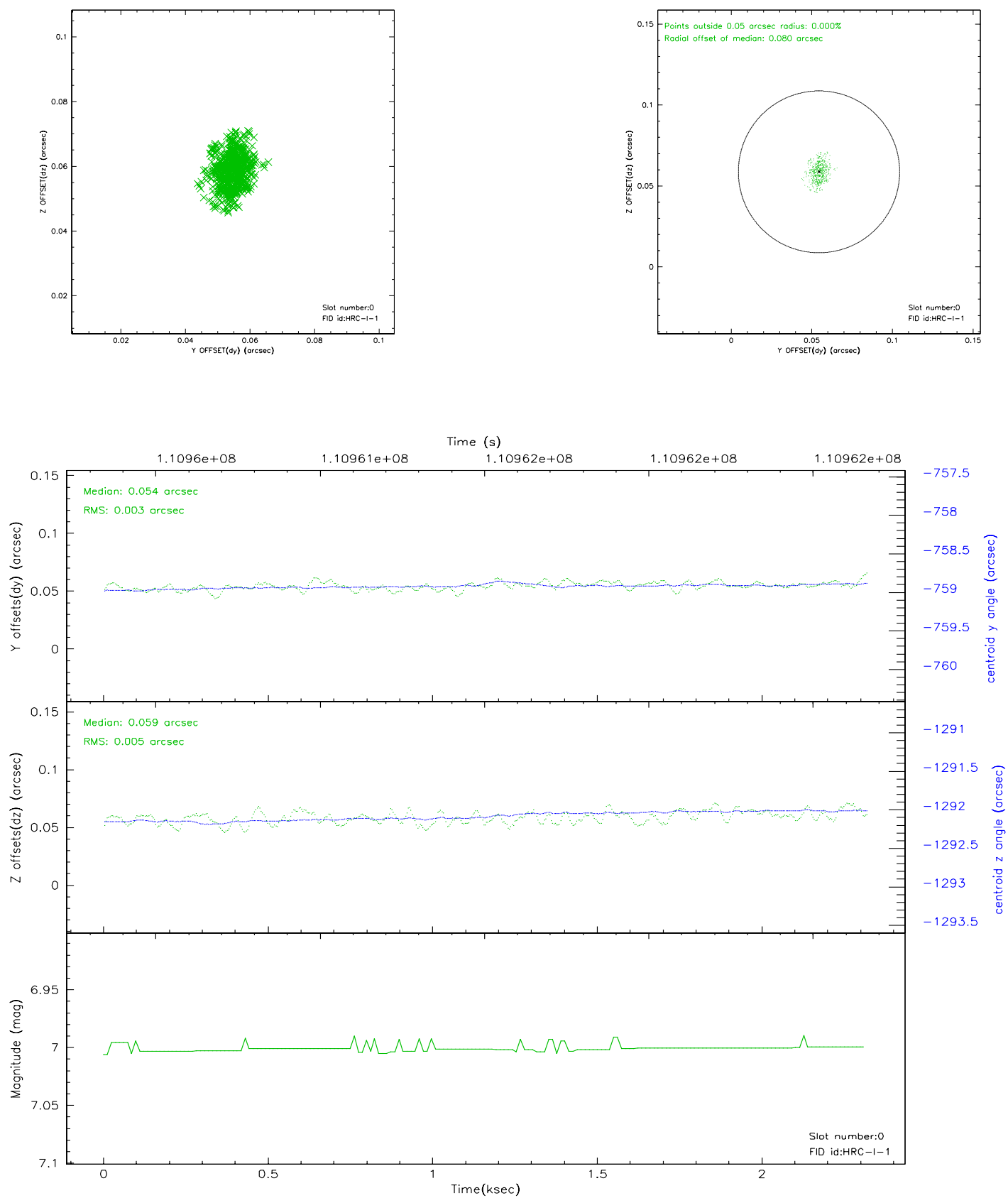


2.4.5 Slot 7

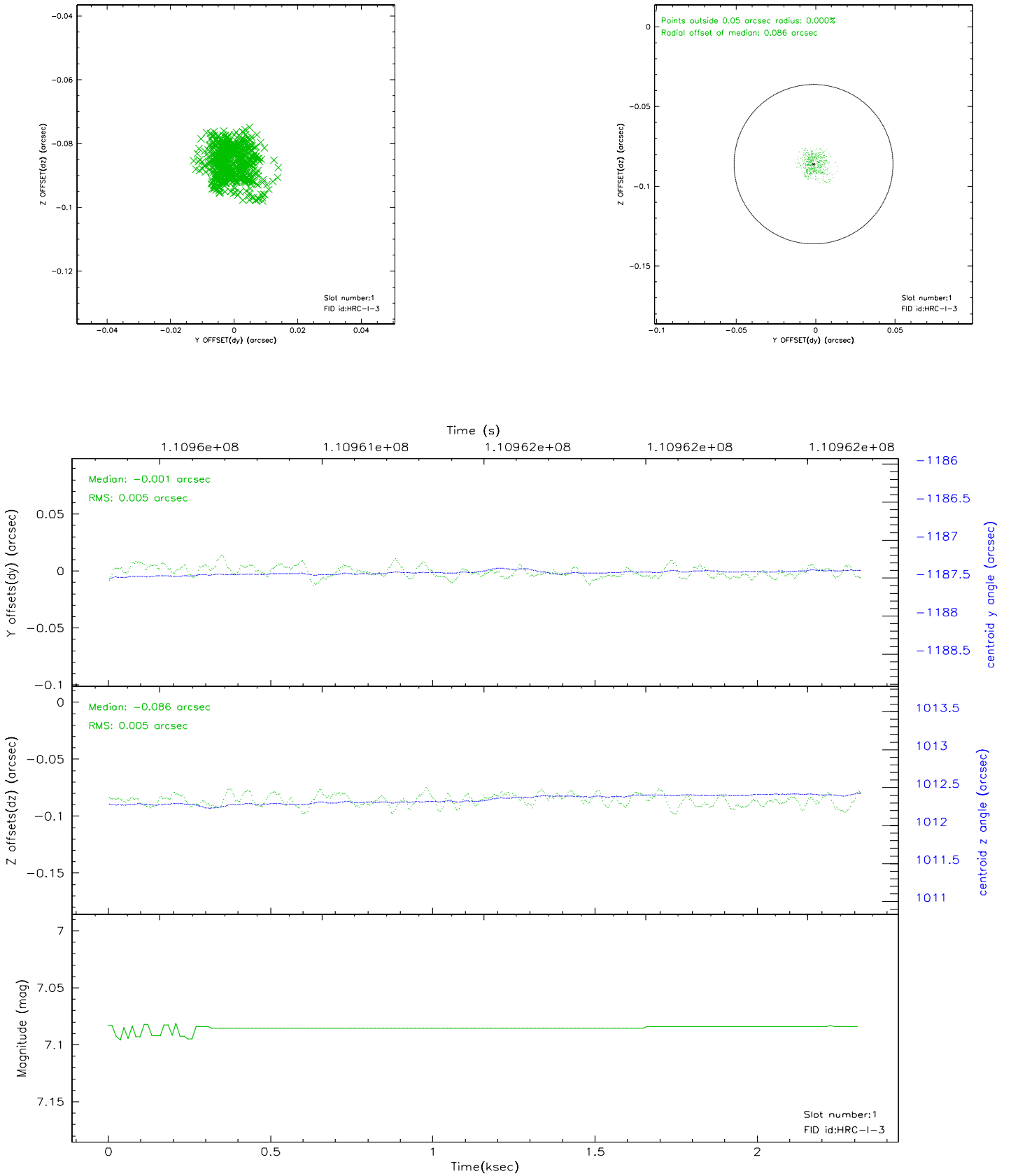


2.5 FID Slots

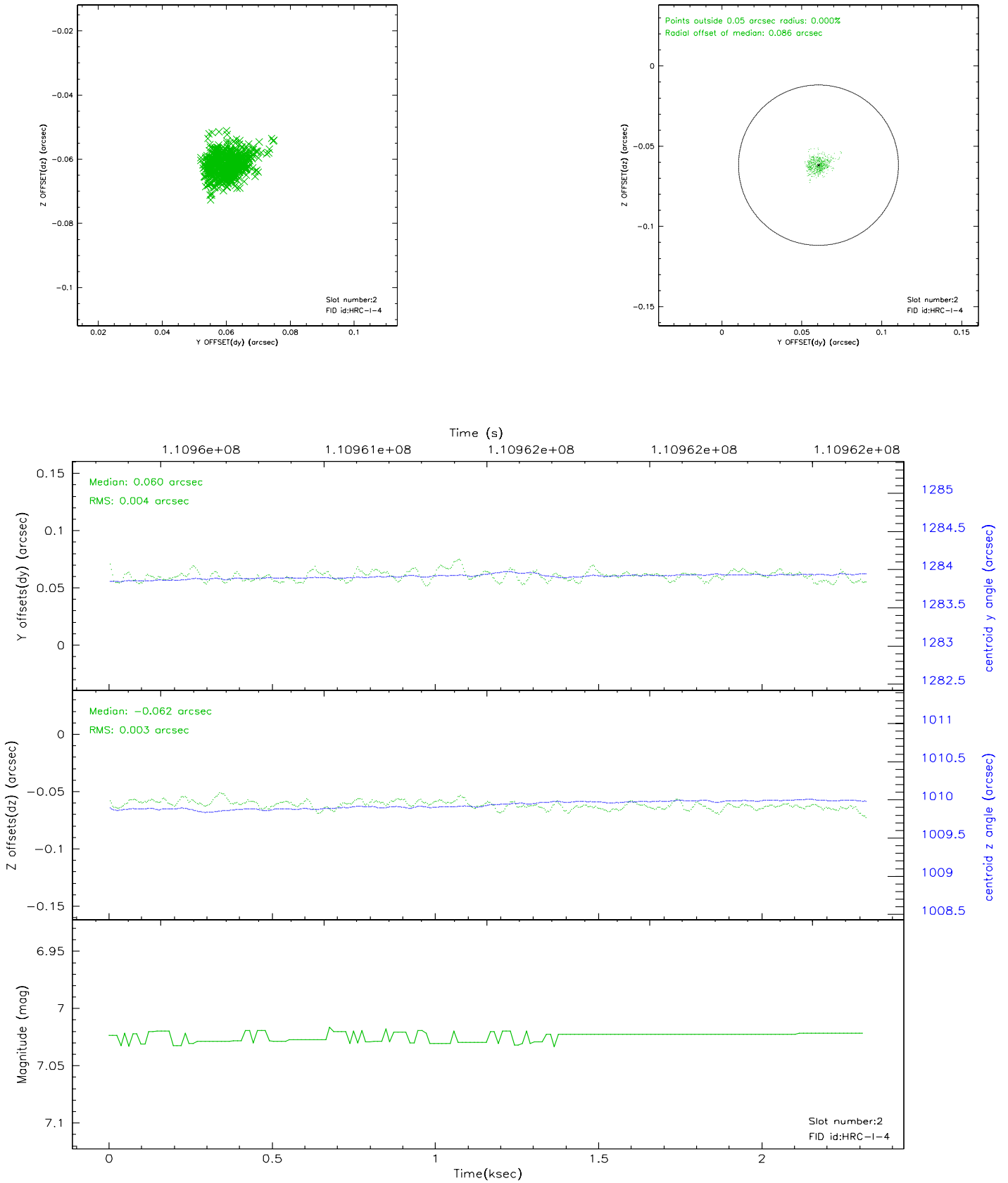
2.5.1 Slot 0



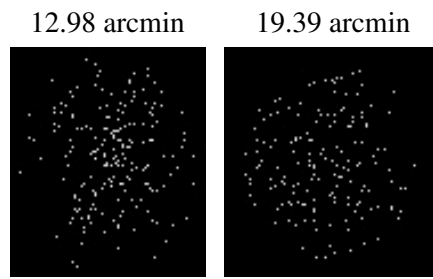
2.5.2 Slot 1



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	2.131

A.2 Comments

Window constraint 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.