

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 1812 - L2 Version 3
Chandra X-Ray Center

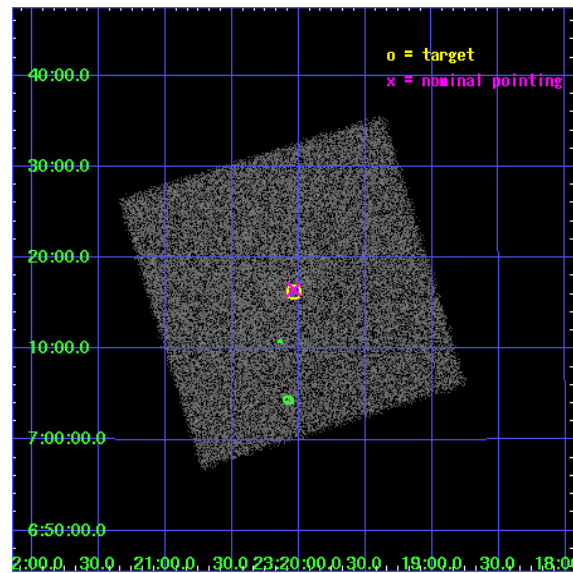
L2 Processing Date : Nov 20 2007

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1 Front

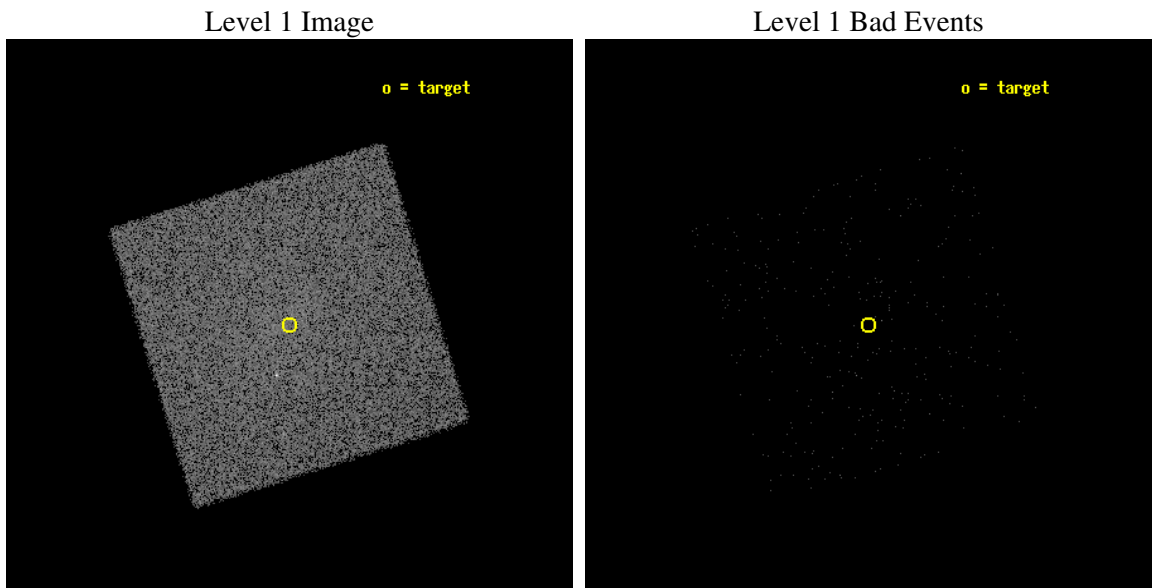
seq_num	100009
obs_id	1812
title	SOLVING THE PUZZLE OF COMETARY X-RAY ORIGIN: OBSERVATIONS OF COMET 10P/TEMPEL 2
observer	DR W. THOMAS VESTRAND
object	LINEAR 2001 A2
ra_targ	350.009412
dec_targ	7.270916
ra_nom	350.00890059166
dec_nom	7.2753991817151
roll_nom	117.7245914452
revision	3
ontime	2338.2813414484
livetime	2326.1998645745
l2events	61915



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	2007-11-20T16:08:25
revision	3

sched_exp_time	2150.000000
ontime	2338.2813414484
l1events	104480

2.1.3 Events

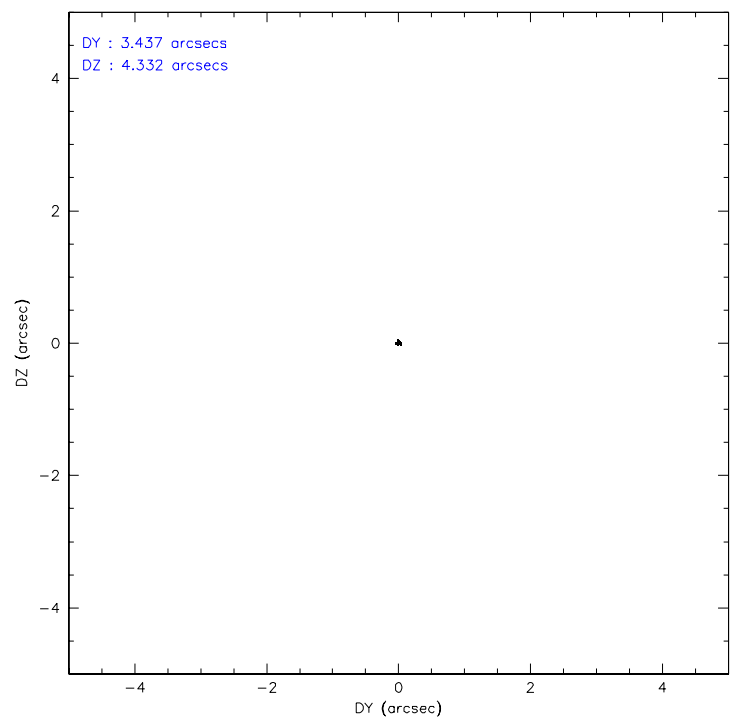
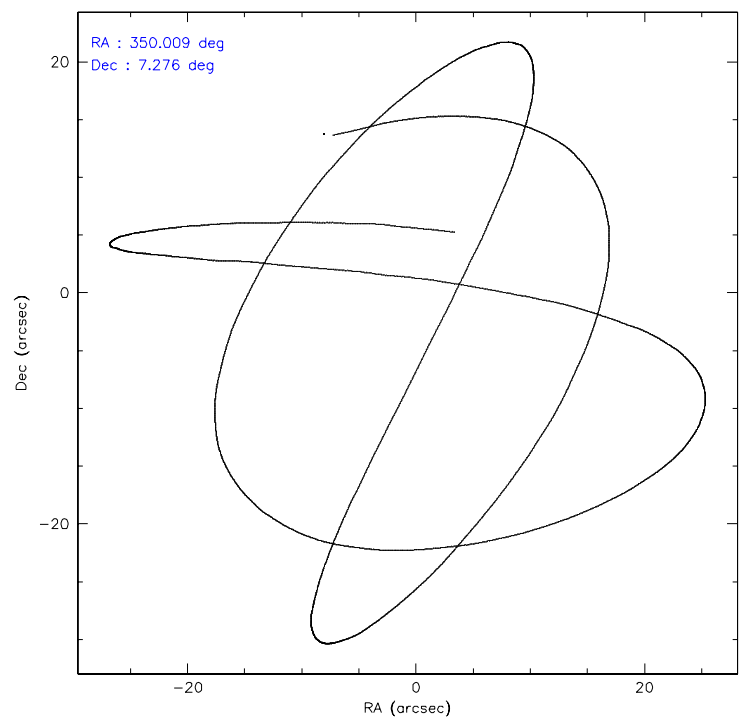
Level 1 Events

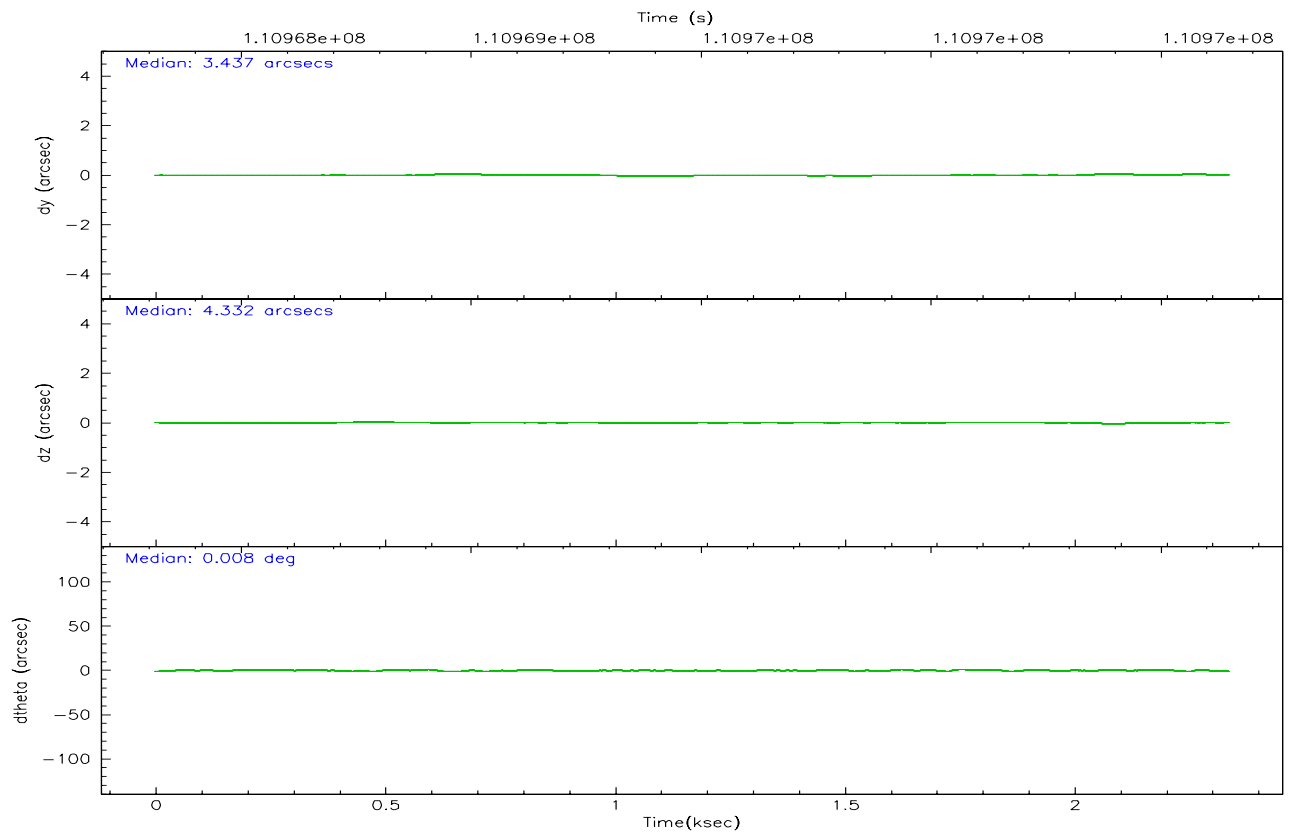
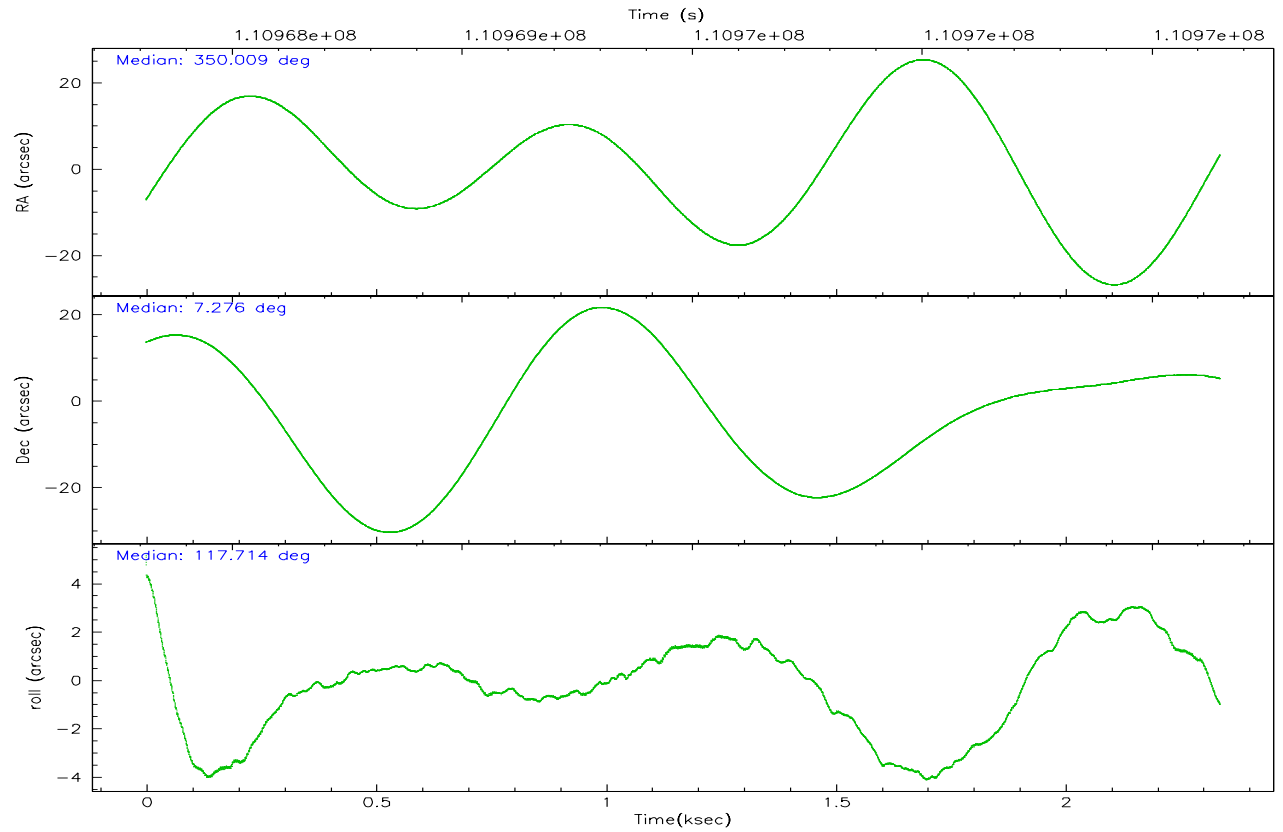
	segment 0
level 1 events	104480
rejected events	12641
rejected %	12%

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	350.032477	350.0089005916634			
Pointing Dec	7.261128	7.275399181715091			
Pointing Roll	117.817078	117.7245914451976			
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	110968497.184000	110968120.844			
Observation start date	2001-07-08T08:33:53	2001-07-08T08:28:40			
Observation end time	110970647.184000	110970781.23161			
Observation end date	2001-07-08T09:09:43	2001-07-08T09:13:01			

2.3 Aspect



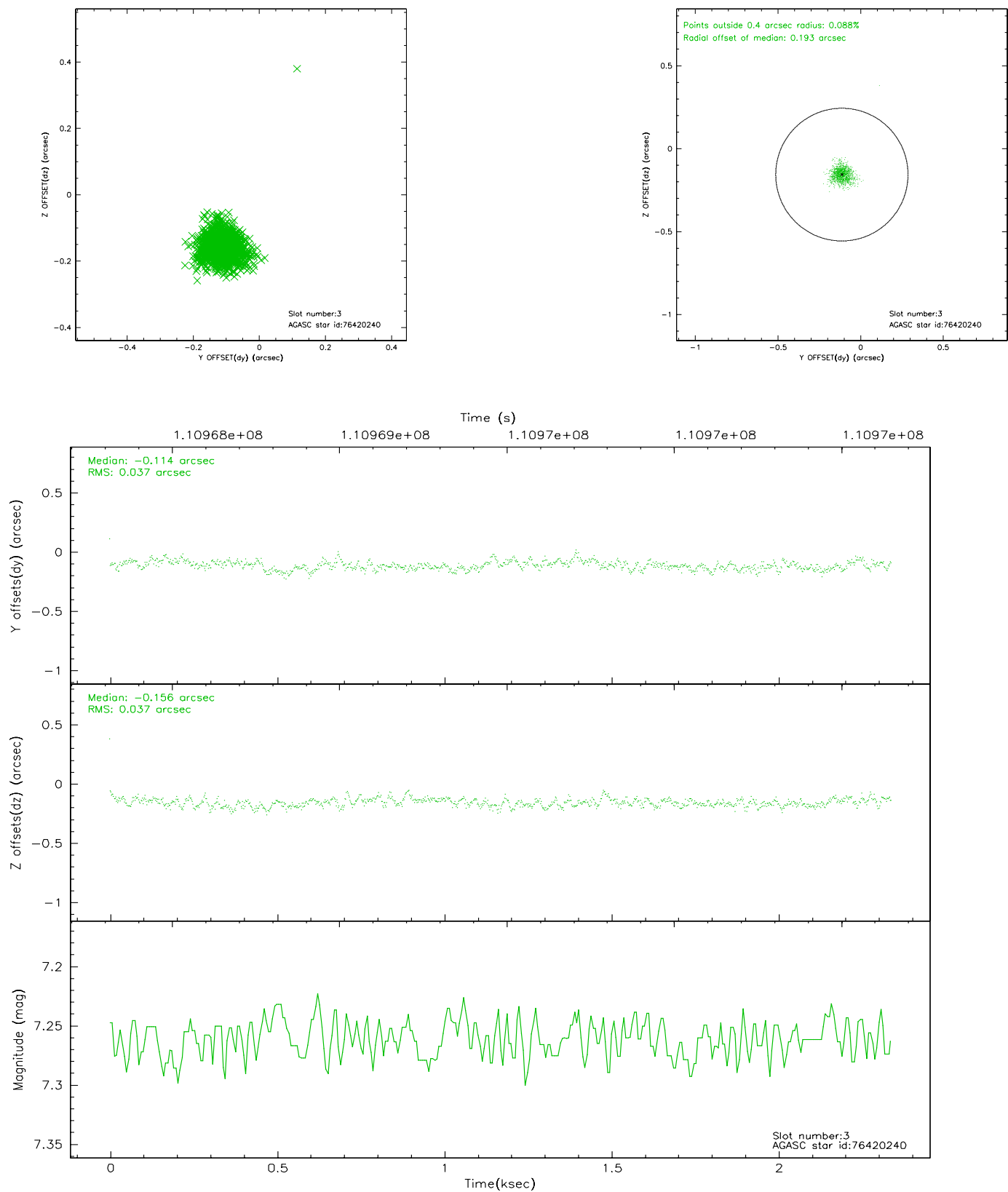


Slot Statistics

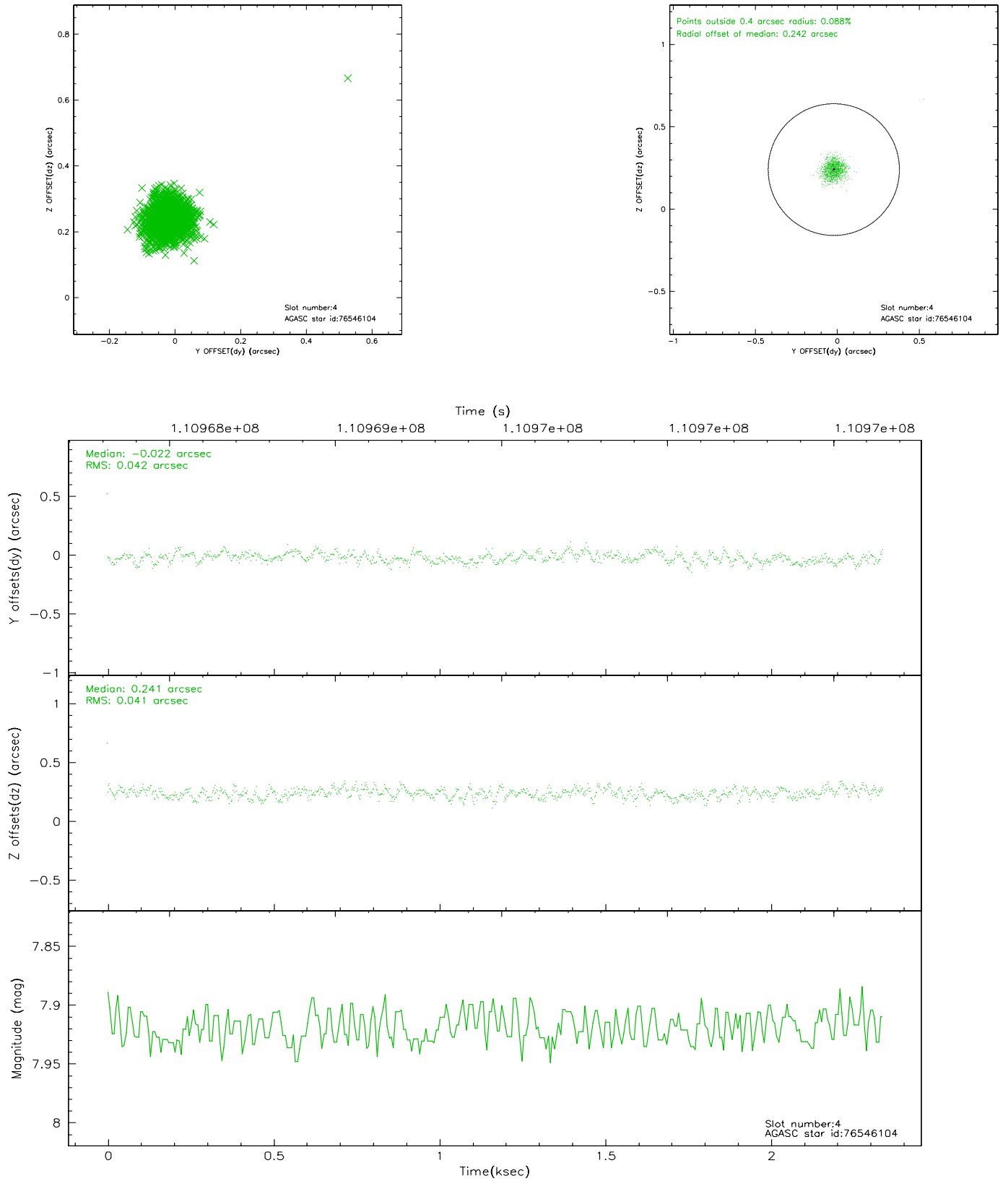
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-2	7.03	571	0.069	-0.037	0.006	0.009	0.000000	0.000000	853.79	-1293.70
1	FID	HRC-I-3	7.08	571	0.002	-0.000	0.006	0.010	0.000000	0.000000	-1185.93	1010.18
2	FID	HRC-I-4	7.01	571	0.048	-0.049	0.006	0.010	0.000000	0.000000	1281.83	1011.80
3	GUIDE	76420240	7.26	1142	-0.114	-0.156	0.052	0.086	349.834746	7.214951	180.96	702.05
4	GUIDE	76546104	7.92	1139	-0.022	0.241	0.060	0.092	350.637569	7.487255	-287.46	-2289.78
5	GUIDE	76551232	8.01	1142	0.054	-0.177	0.063	0.100	350.076046	6.872411	-1311.92	513.10
6	GUIDE	152314144	8.26	1142	-0.099	0.232	0.068	0.110	350.482166	7.593054	306.48	-1976.34
7	GUIDE	76425640	9.30	1141	0.181	-0.131	0.087	0.140	349.927625	6.651298	-1767.90	1354.05

2.4 Star Slots

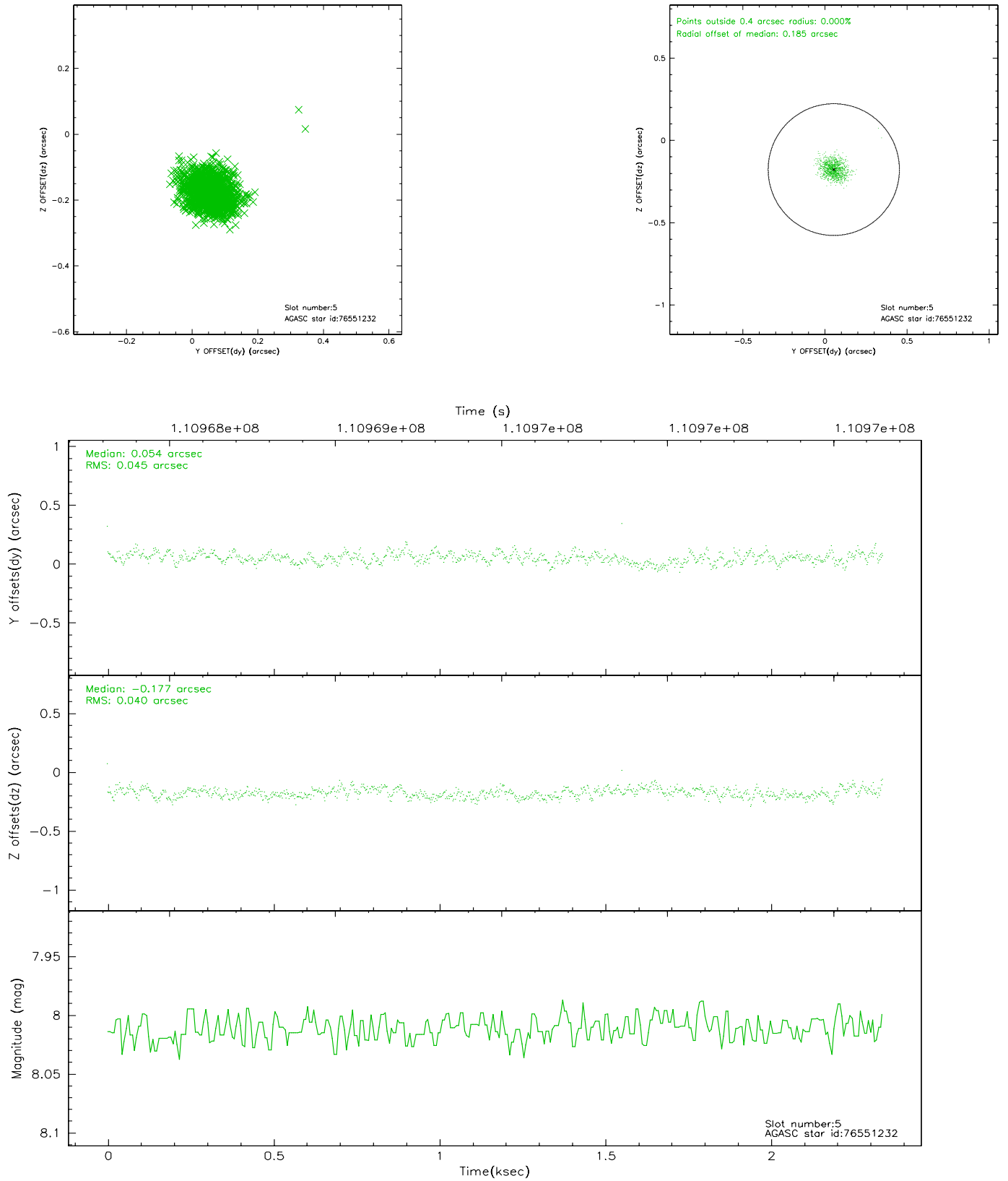
2.4.1 Slot 3



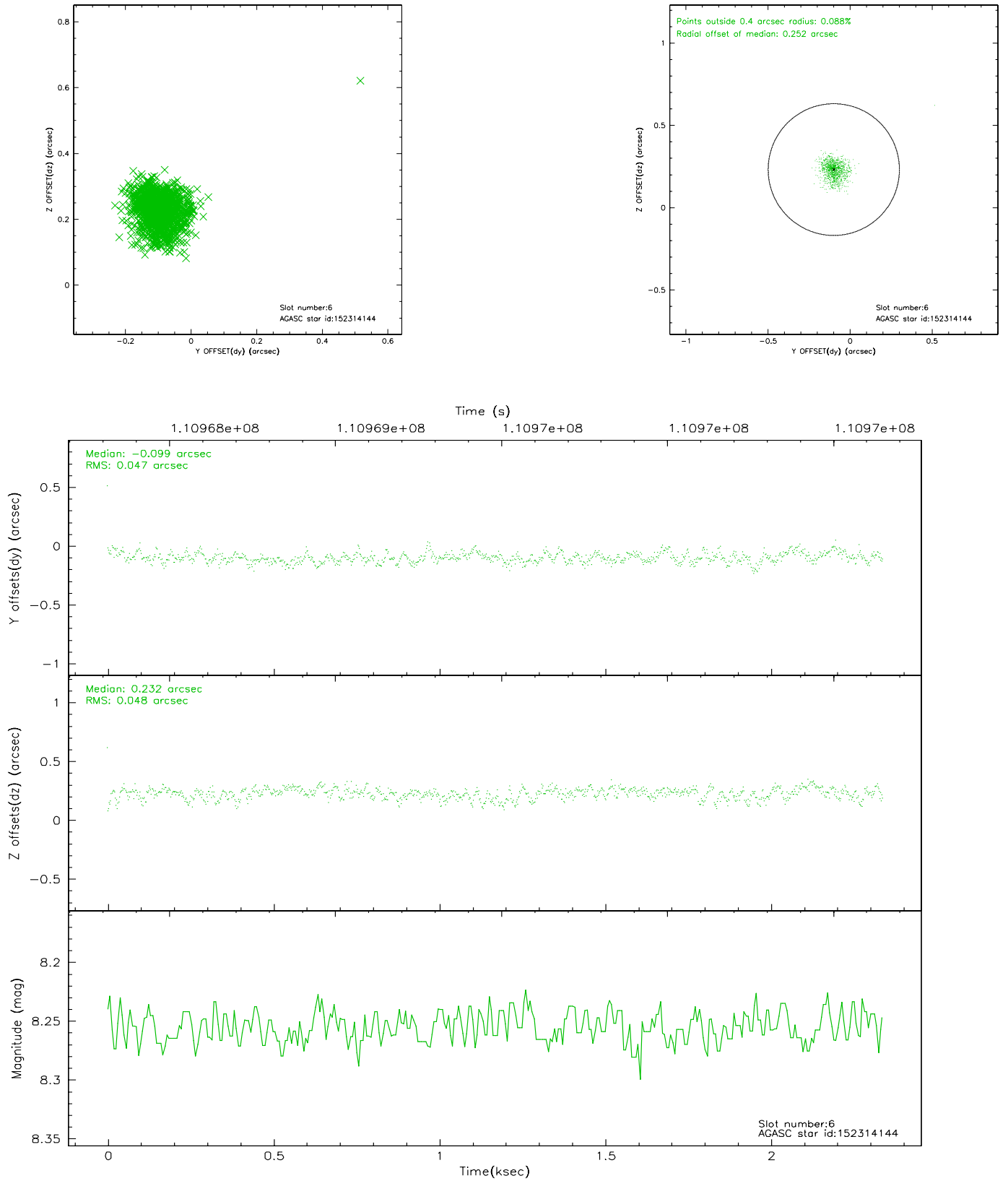
2.4.2 Slot 4



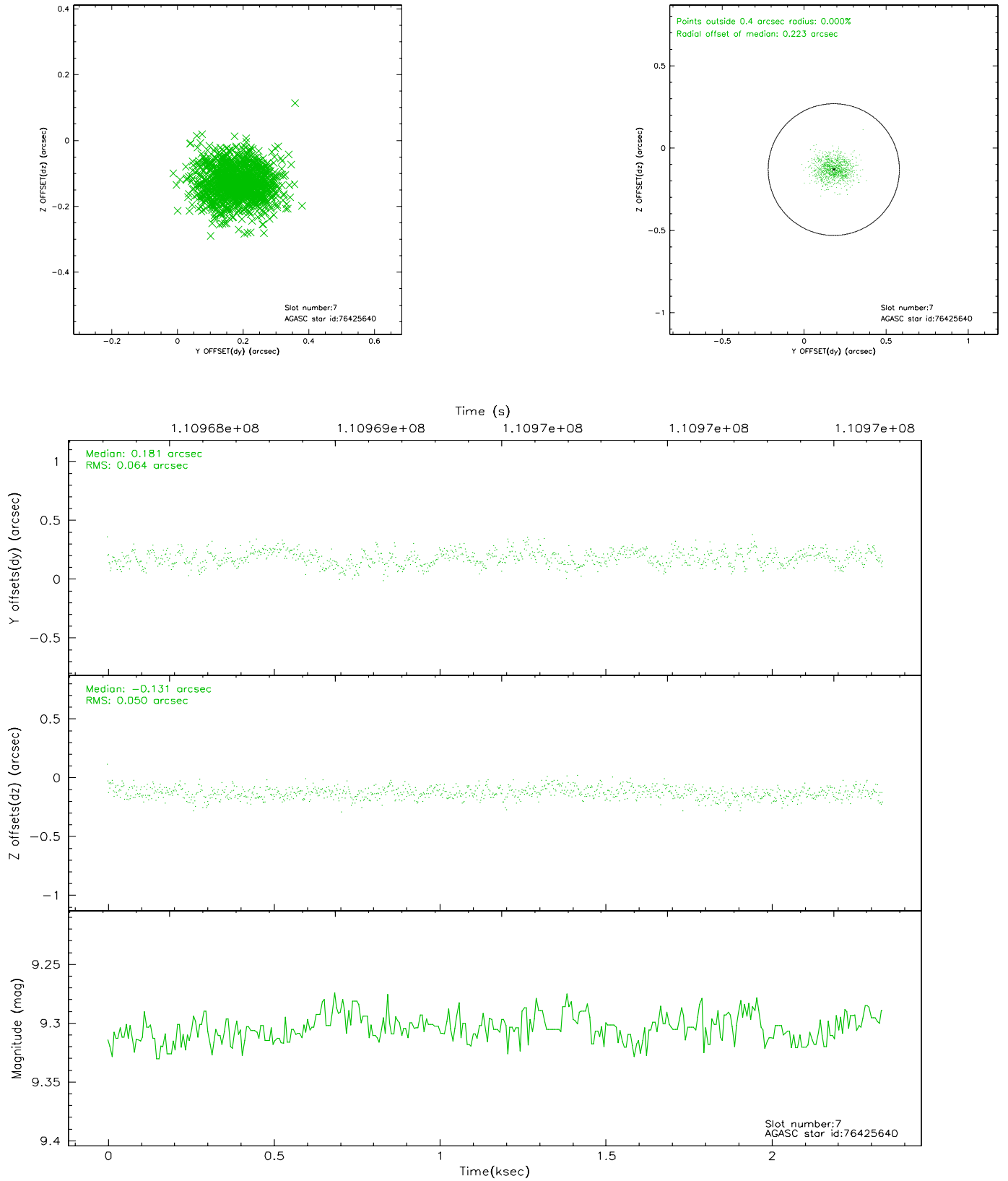
2.4.3 Slot 5



2.4.4 Slot 6

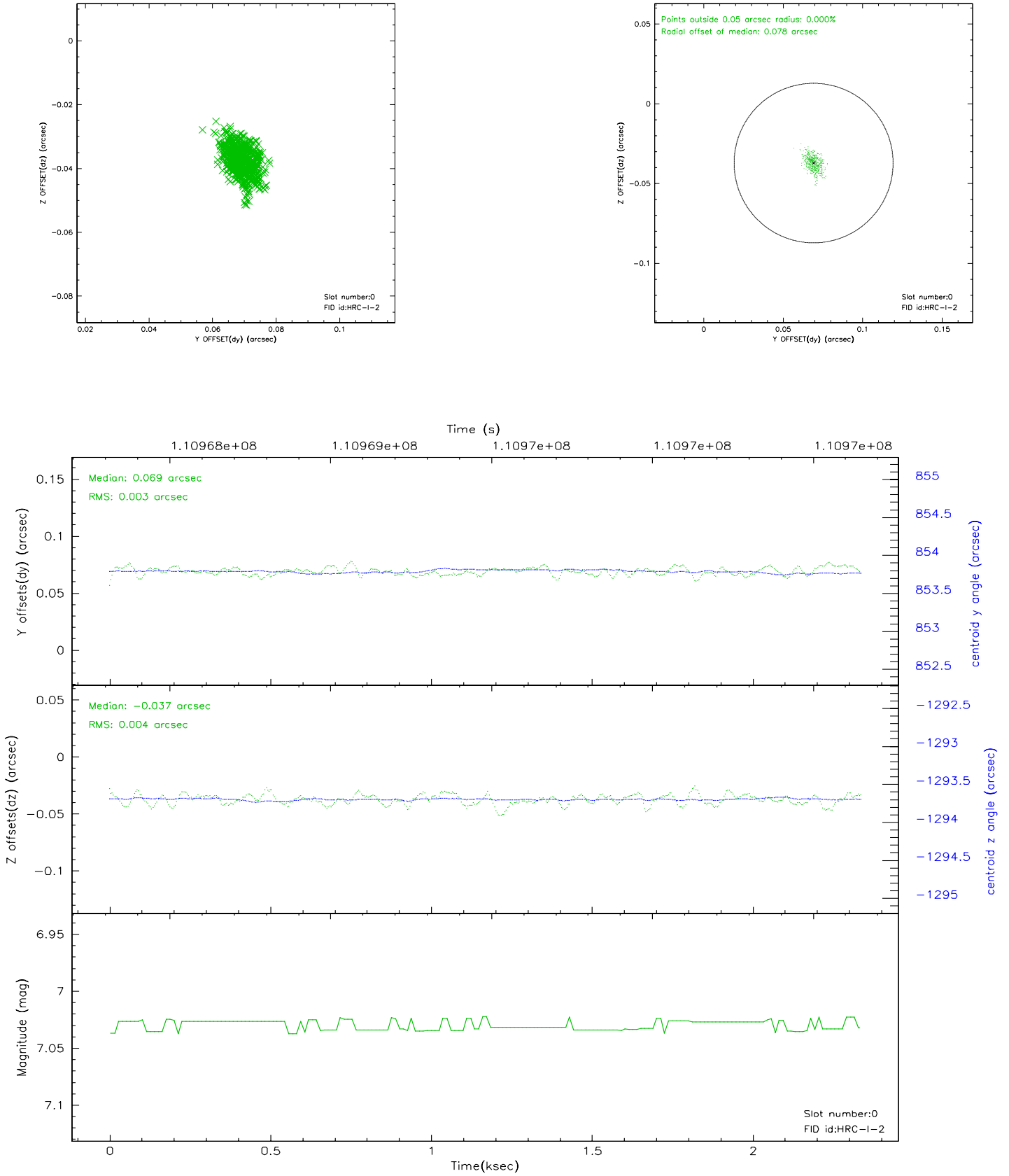


2.4.5 Slot 7

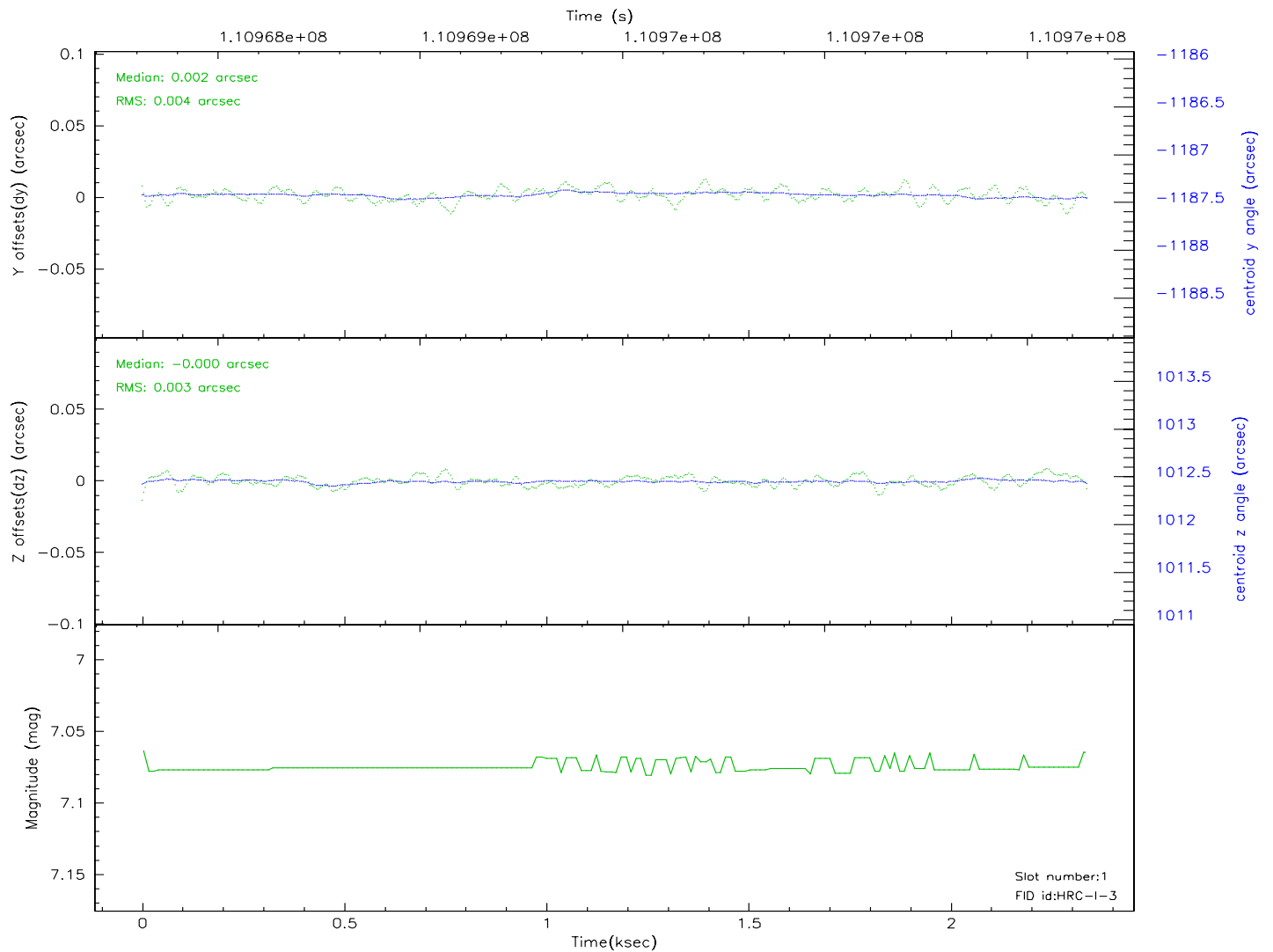
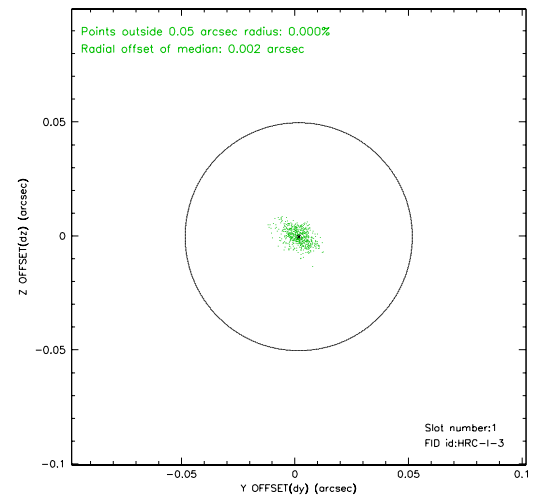
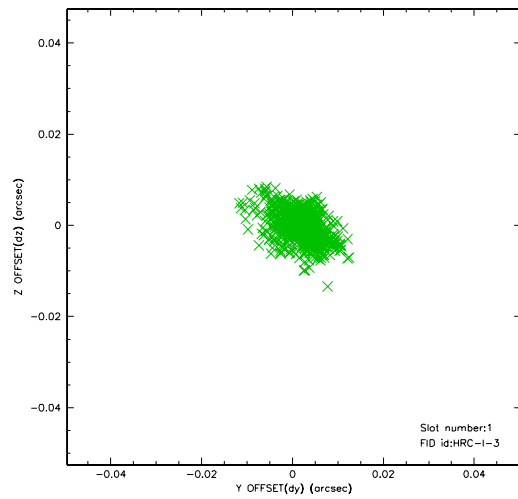


2.5 FID Slots

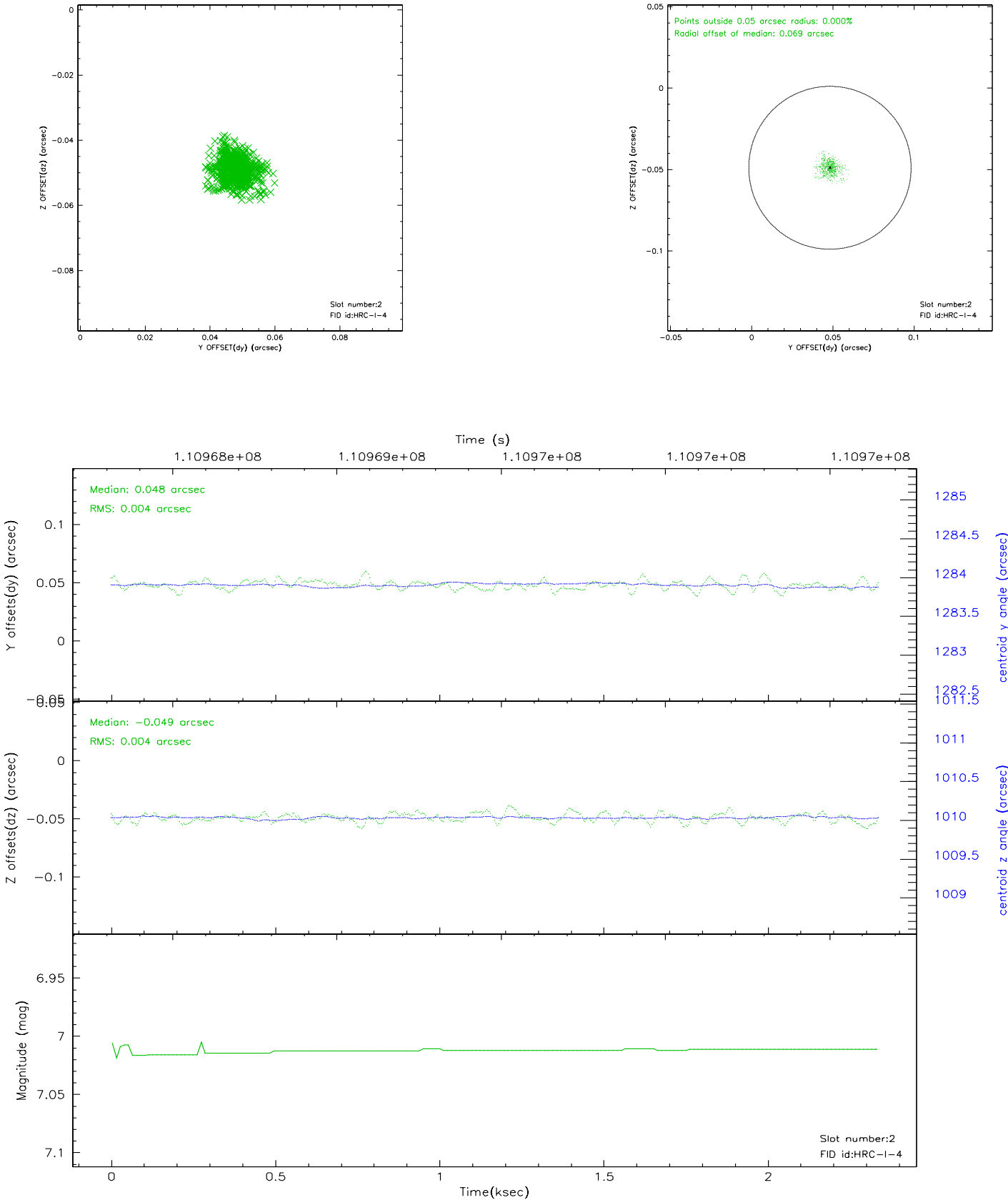
2.5.1 Slot 0



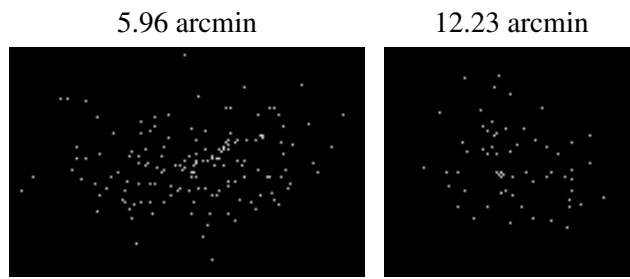
2.5.2 Slot 1



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	2.4

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.