

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 1821 - L2 Version 001
Chandra X-Ray Center

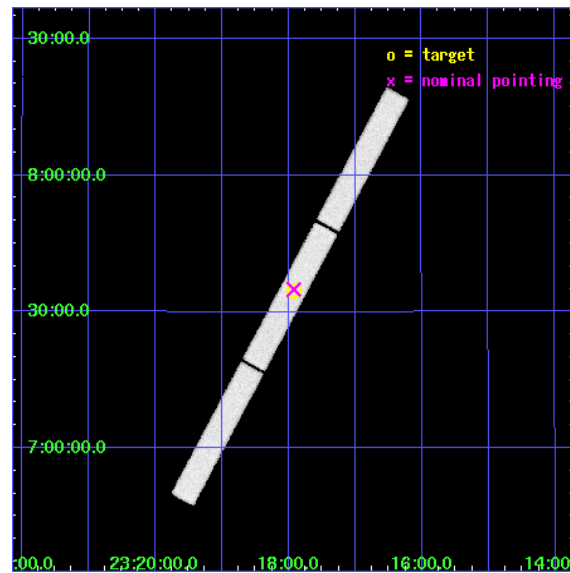
L2 Processing Date : Dec 11 2006

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1 Front

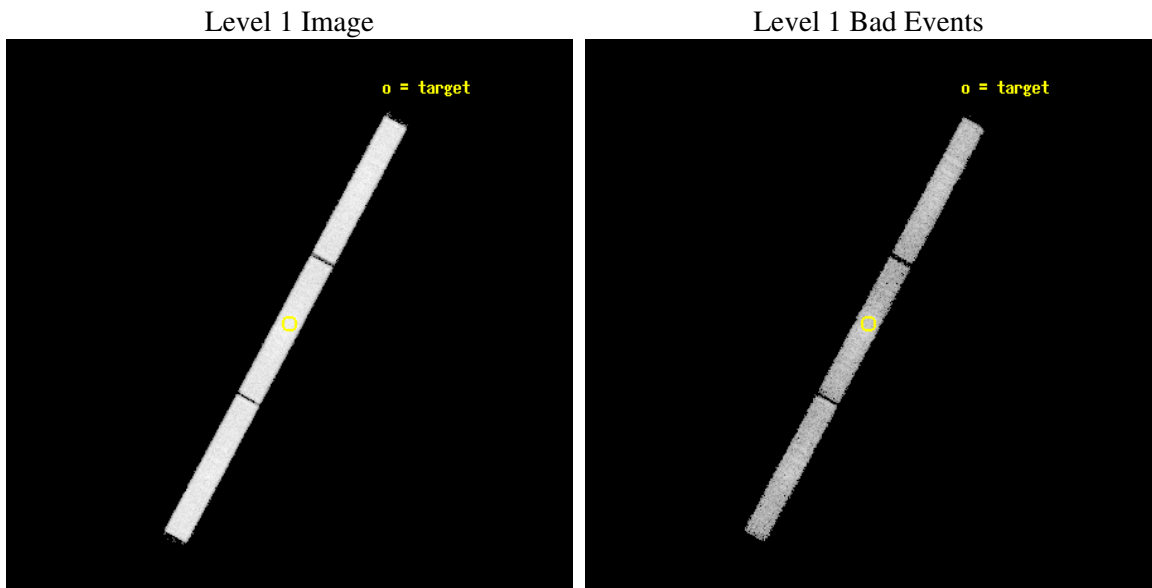
seq_num	100008
obs_id	1821
title	SOLVING THE PUZZLE OF COMETARY X-RAY ORIGIN: OBSERVATIONS OF COMET 10P/TEMPEL 2
observer	DR W. THOMAS VESTRAND
object	LINEAR 2001 A2
ra_targ	349.482045
dec_targ	7.578284
ra_nom	349.47999412694
dec_nom	7.5823323854824
roll_nom	118.21844494667
revision	2
ontime	2295.2313397825
livetime	2279.4267361916
l2events	134855



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.4
date	2006-12-11T21:21:44
revision	2

sched_exp_time	2150.000000
ontime	2347.506341815
l1events	234229

2.1.3 Events

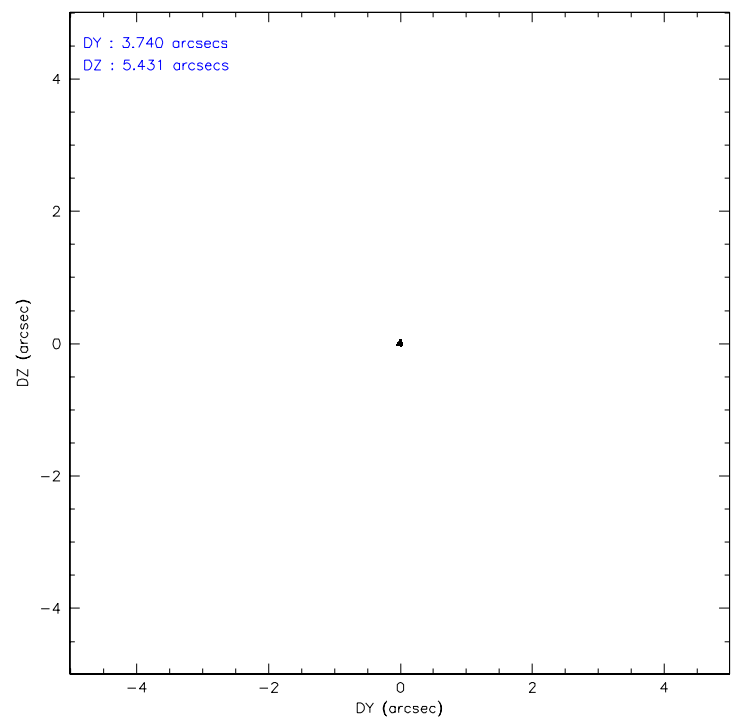
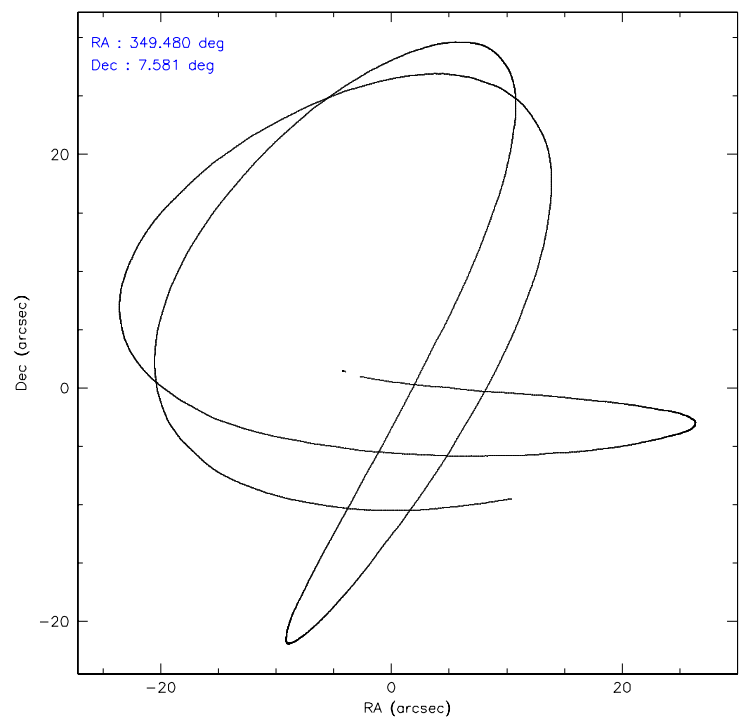
Level 1 Events

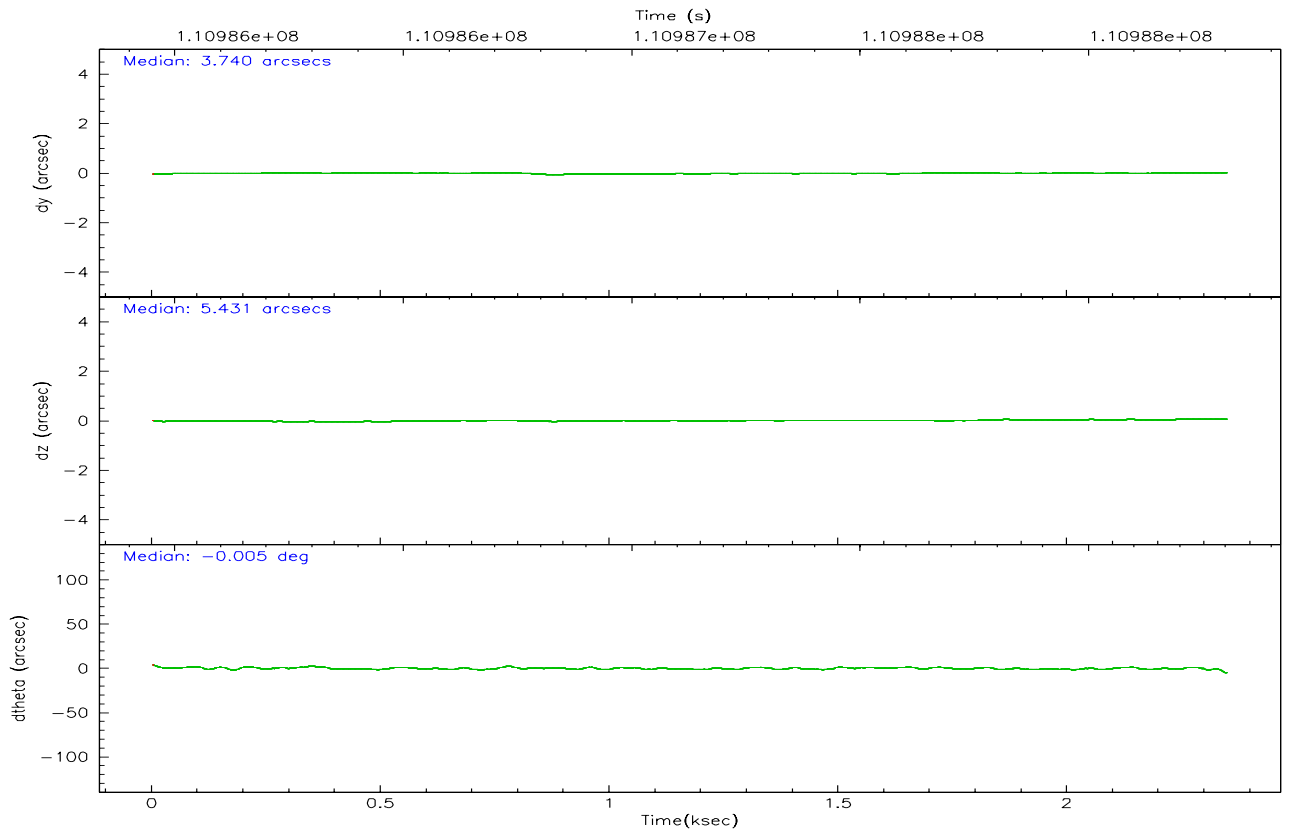
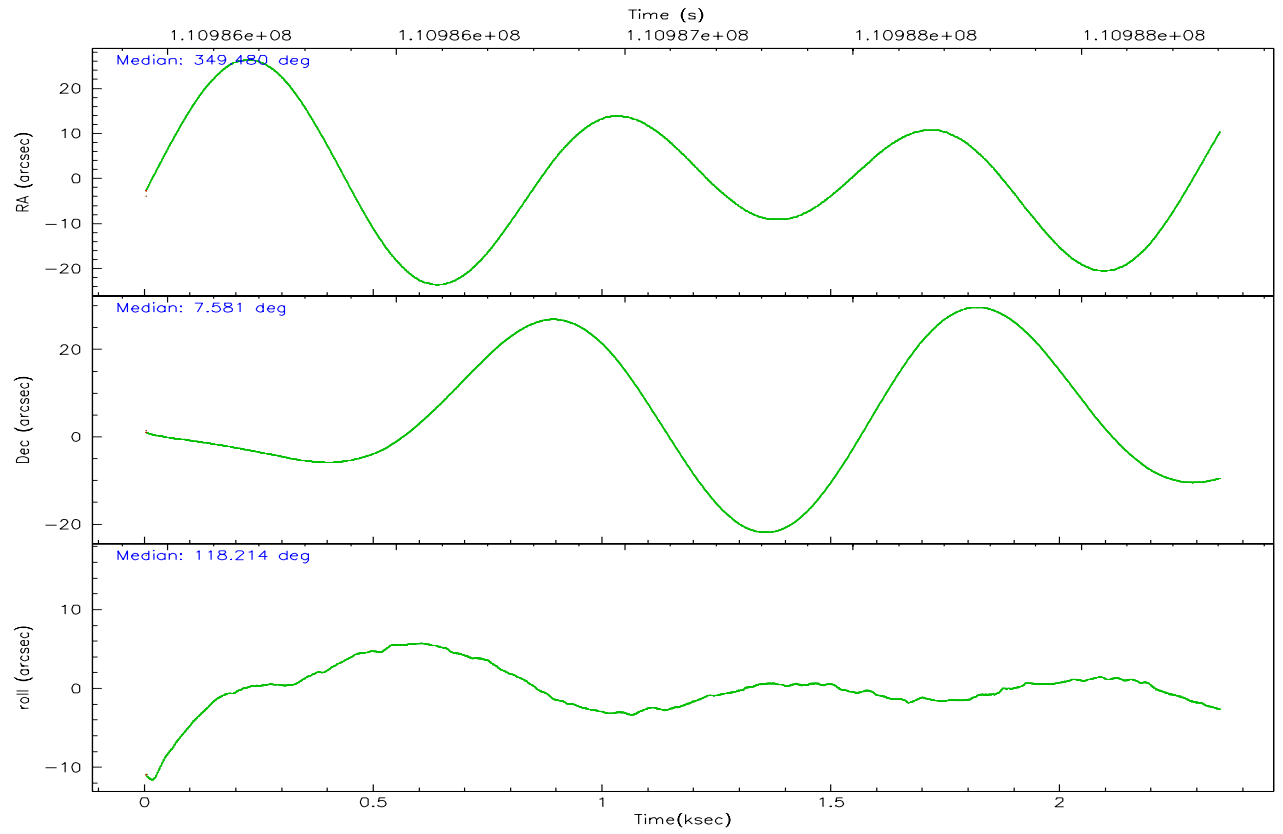
	segment 1	segment 2	segment 3
level 1 events	78039	77045	79145
rejected events	25754	26752	29301
rejected %	33%	34%	37%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	6	6
Detector	HRC-S	HRC-S	Obspar file type	PREDICTED	ACTUAL
Grating	LETG	LETG	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
Pointing RA	349.505179	349.4799941269387			
Pointing Dec	7.568633	7.582332385482432			
Pointing Roll	118.147783	118.2184449466701			
SIM focus pos (mm)	-1.429586	-1.428180813131781			
SIM defocus (mm)	0.1037507710433287	0.1051558262725154			
SIM translation stage pos (mm)	250.455976	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	110986154.184000	110985778.00719			
Observation start date	2001-07-08T13:28:10	2001-07-08T13:22:58			
Observation end time	110988304.184000	110988437.8823			
Observation end date	2001-07-08T14:04:00	2001-07-08T14:07:17			

2.3 Aspect



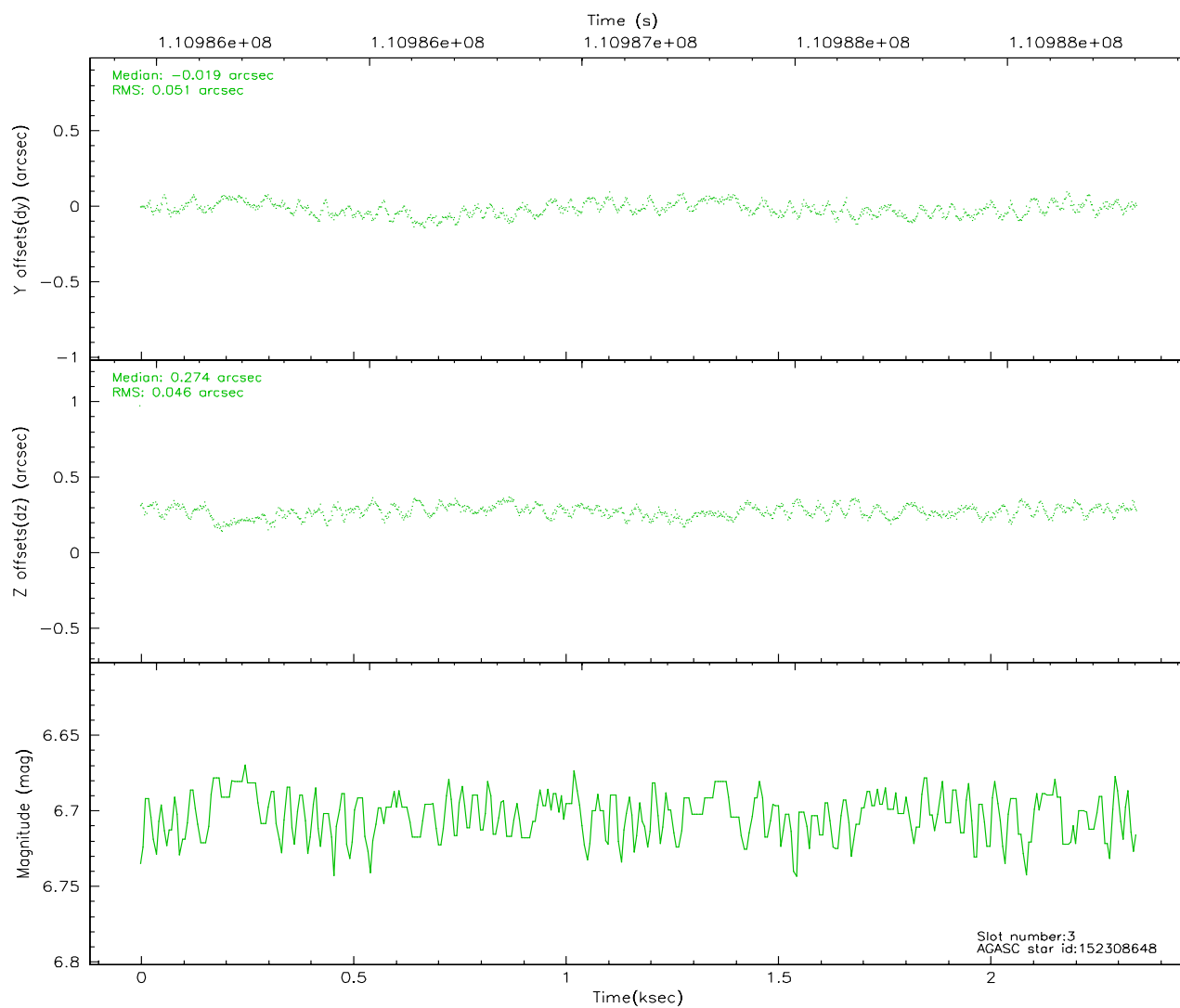
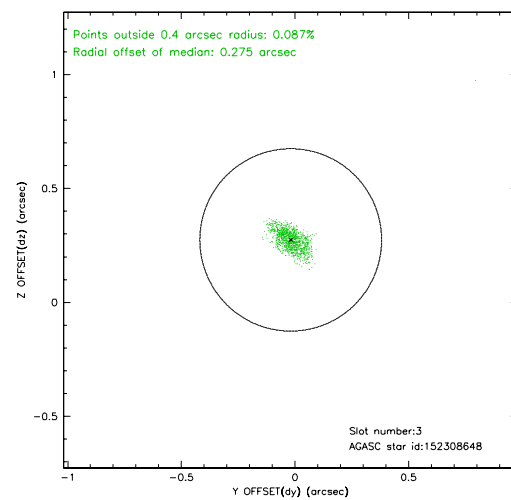
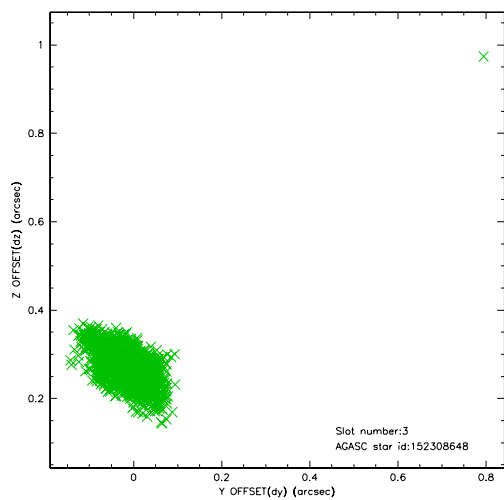


Slot Statistics

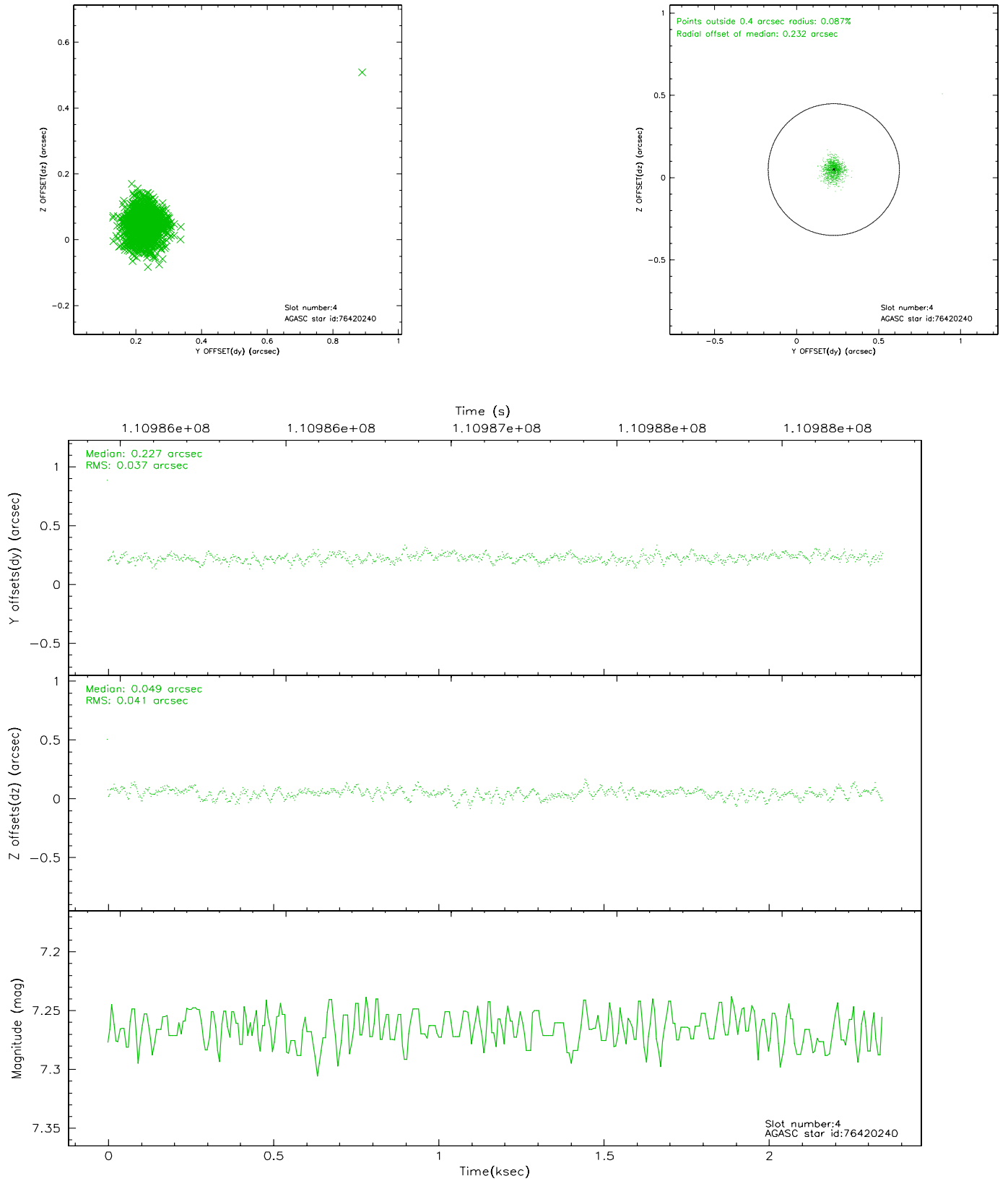
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.00	573	0.136	-0.168	0.007	0.011	0.000000	0.000000	-1157.79	-454.02
1	FID	HRC-S-3	7.02	573	0.160	-0.026	0.007	0.012	0.000000	0.000000	-1162.53	574.86
2	FID	HRC-S-4	6.95	573	0.092	-0.103	0.004	0.007	0.000000	0.000000	1238.38	579.20
3	GUIDE	152308648	6.70	1146	-0.019	0.274	0.065	0.109	349.950276	7.982087	565.06	-2101.58
4	GUIDE	76420240	7.27	1146	0.227	0.049	0.053	0.088	349.834746	7.214951	-1676.49	-439.61
5	GUIDE	152181256	7.77	1146	-0.089	-0.212	0.057	0.088	349.141958	7.580367	647.92	1121.93
6	GUIDE	152180776	8.41	1144	0.115	0.043	0.057	0.094	349.576658	7.835091	726.66	-676.52
7	GUIDE	152180360	8.60	1145	-0.229	-0.146	0.054	0.092	349.110181	8.037159	2152.75	444.73

2.4 Star Slots

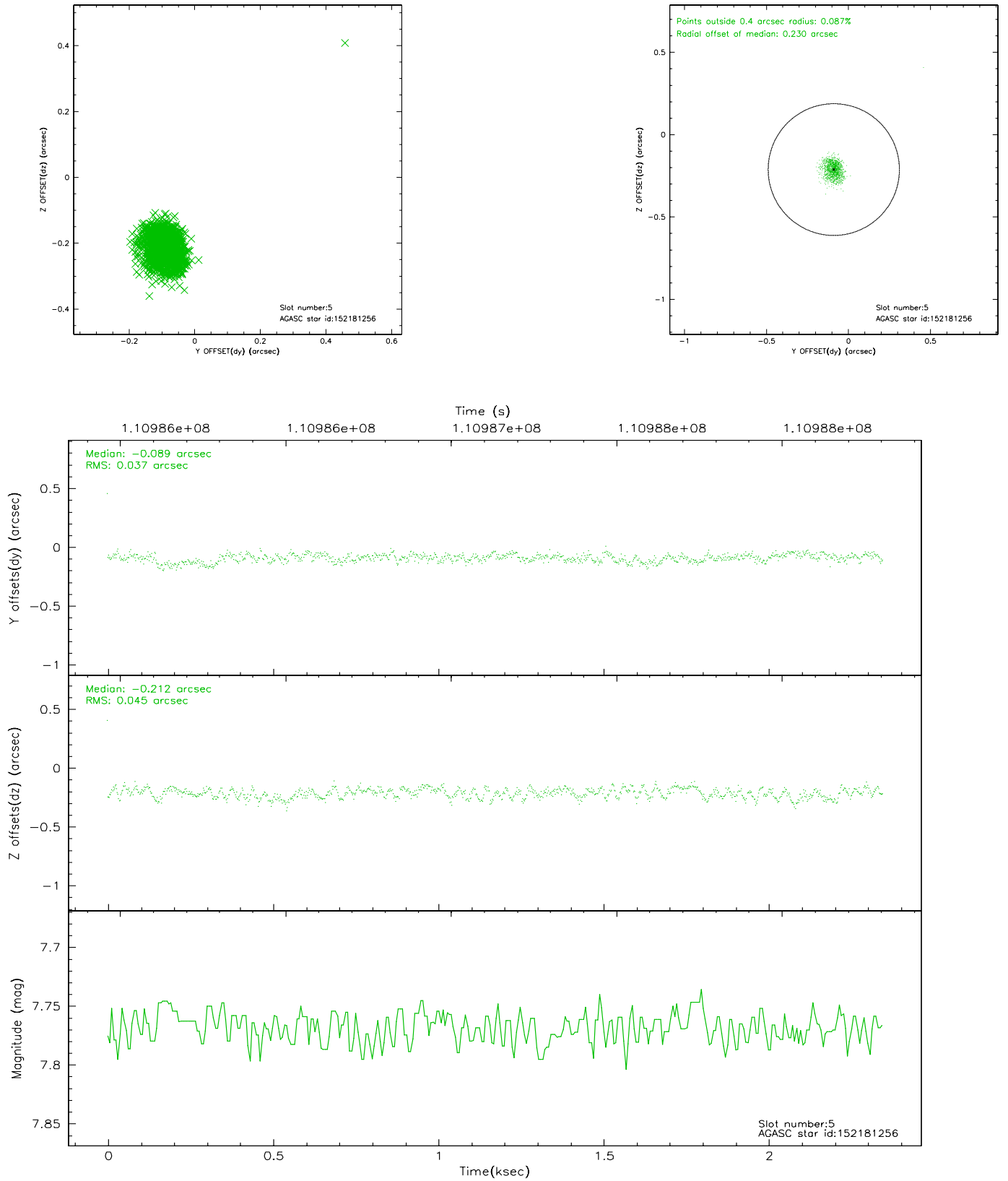
2.4.1 Slot 3



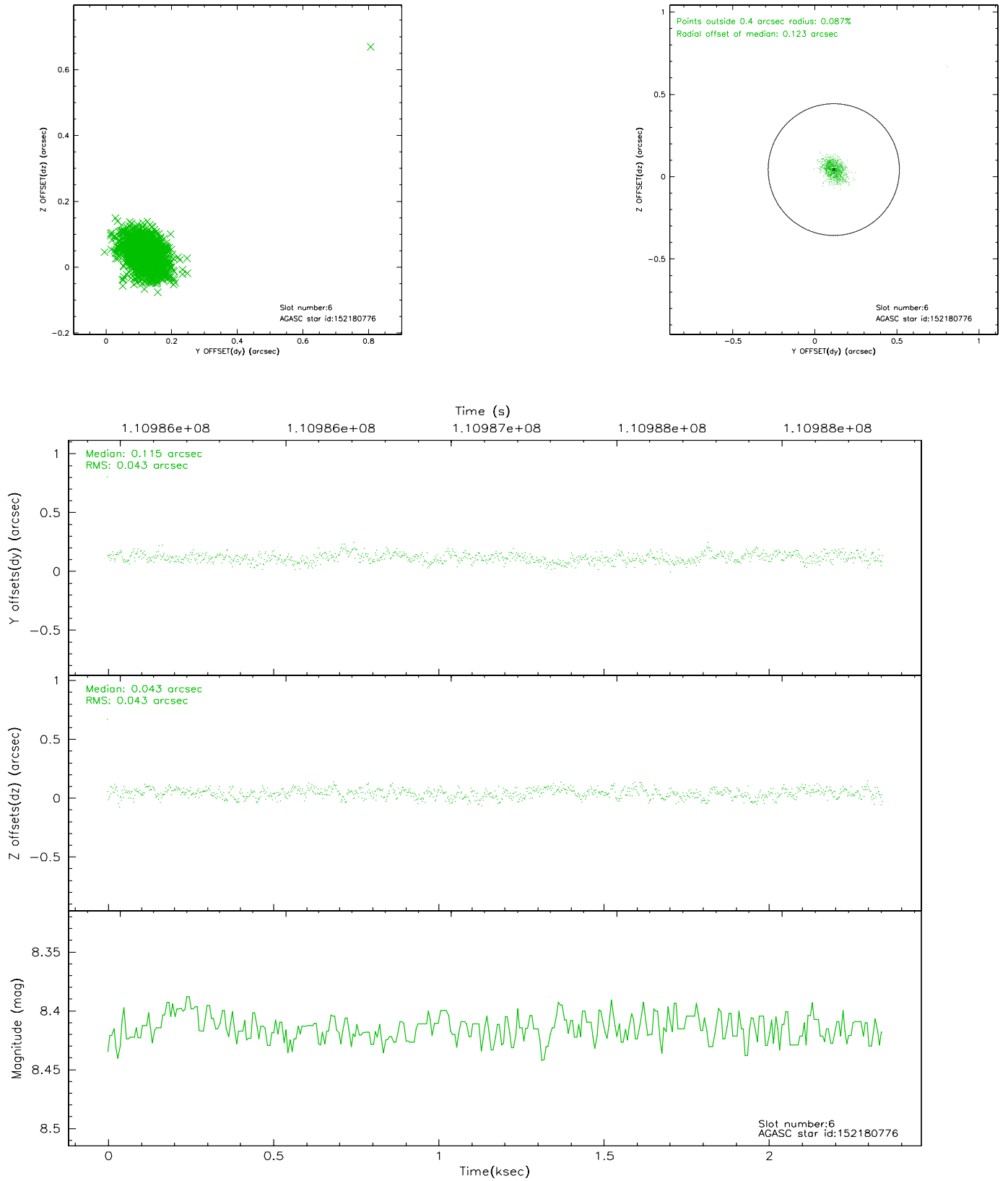
2.4.2 Slot 4



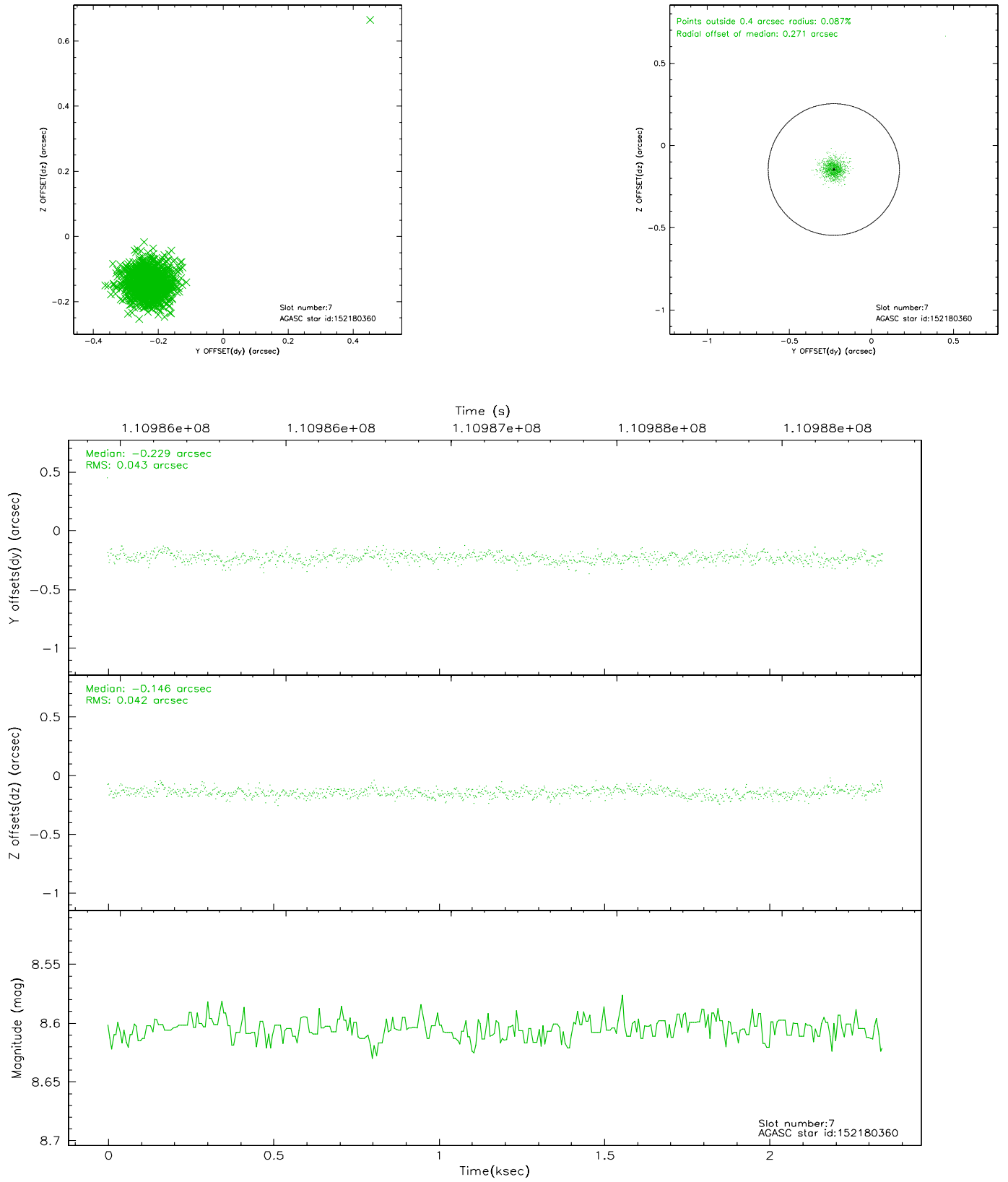
2.4.3 Slot 5



2.4.4 Slot 6

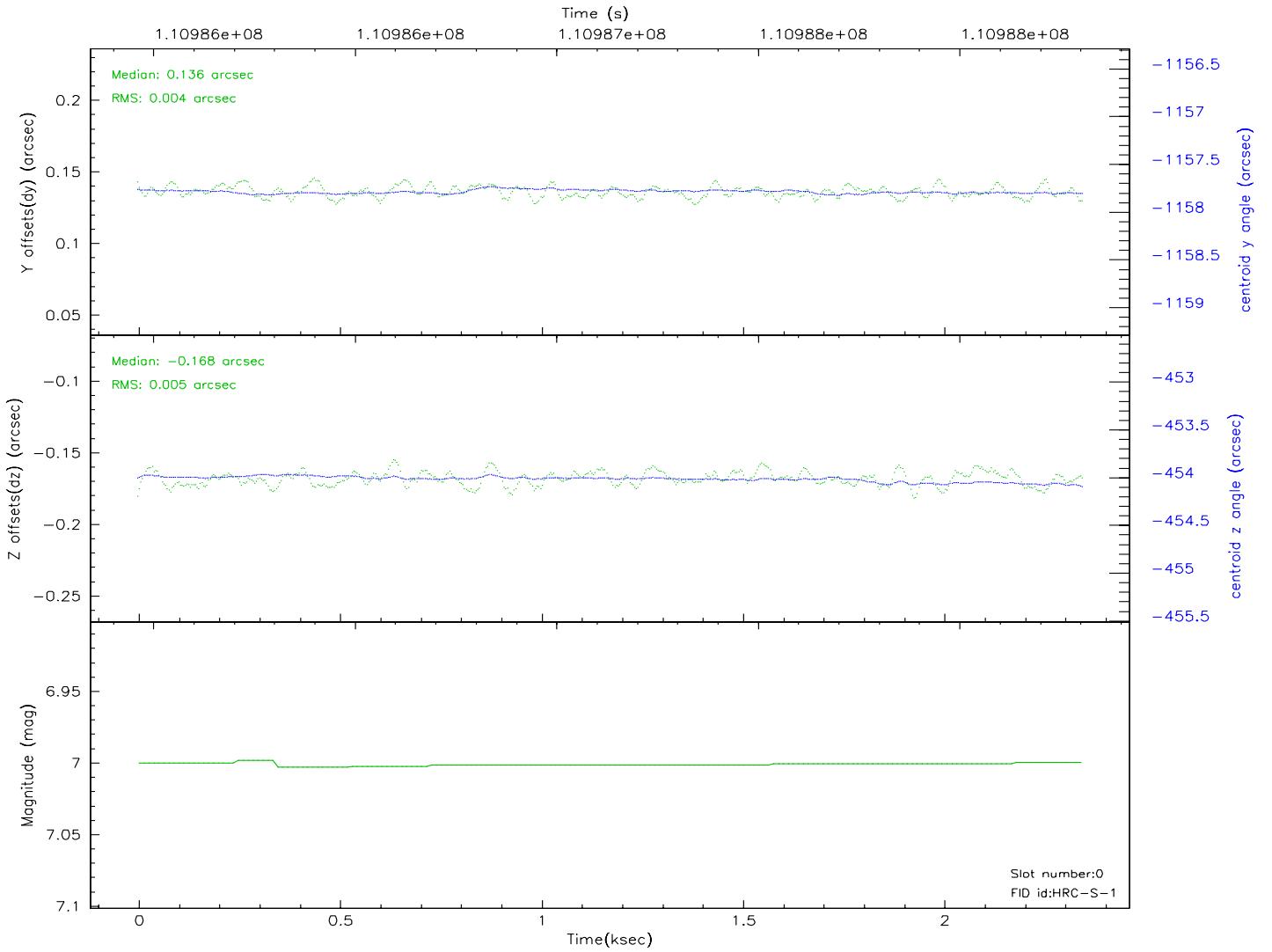
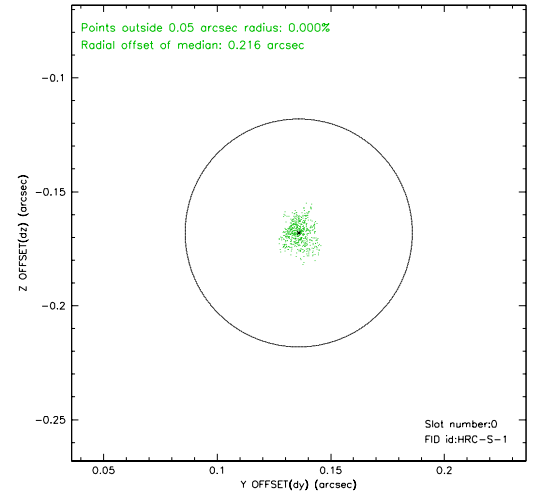
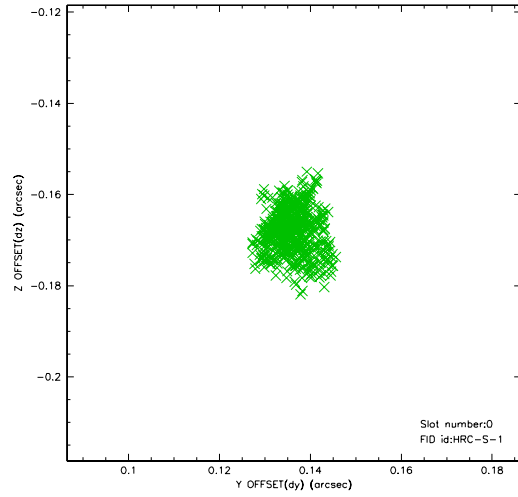


2.4.5 Slot 7

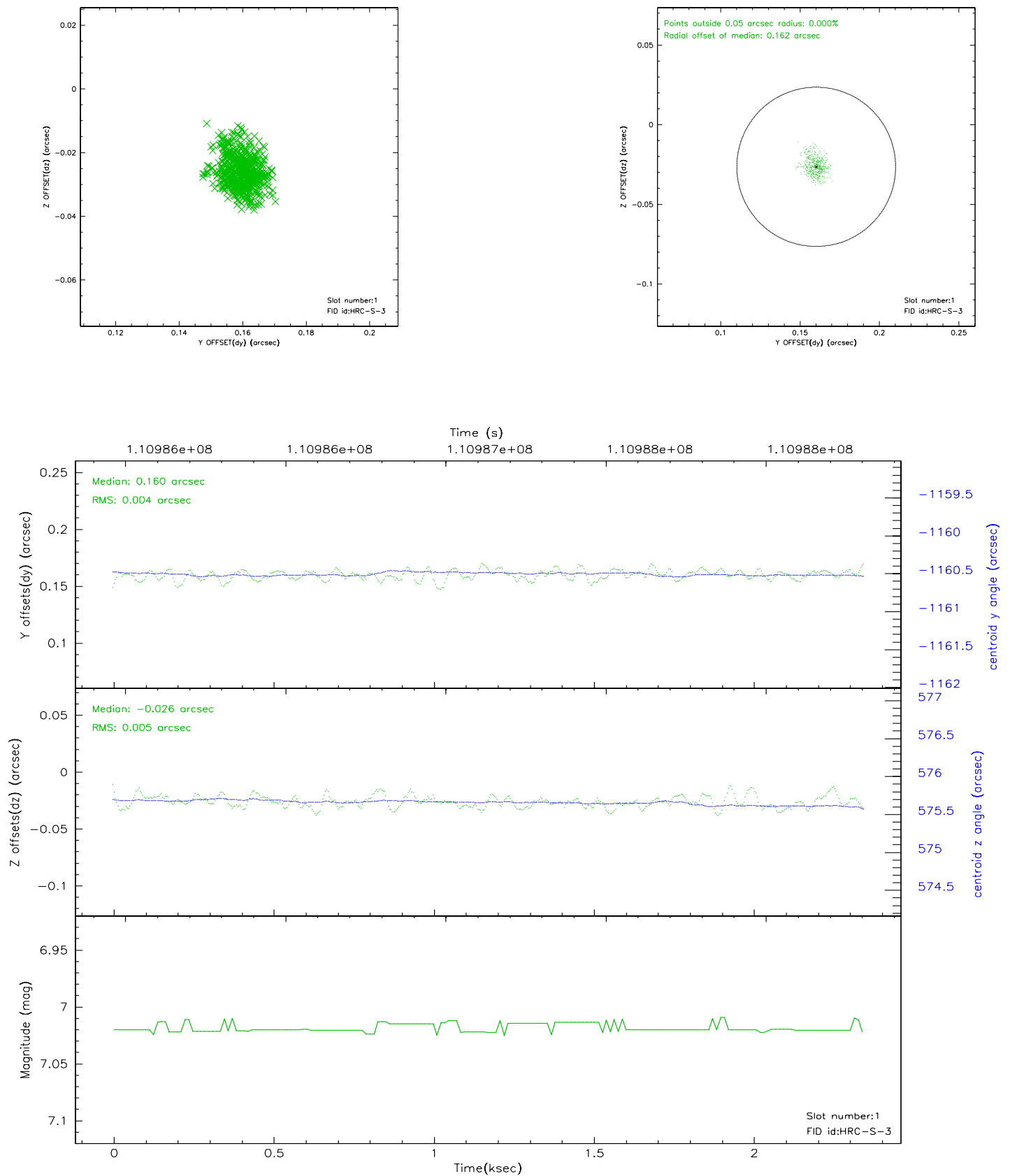


2.5 FID Slots

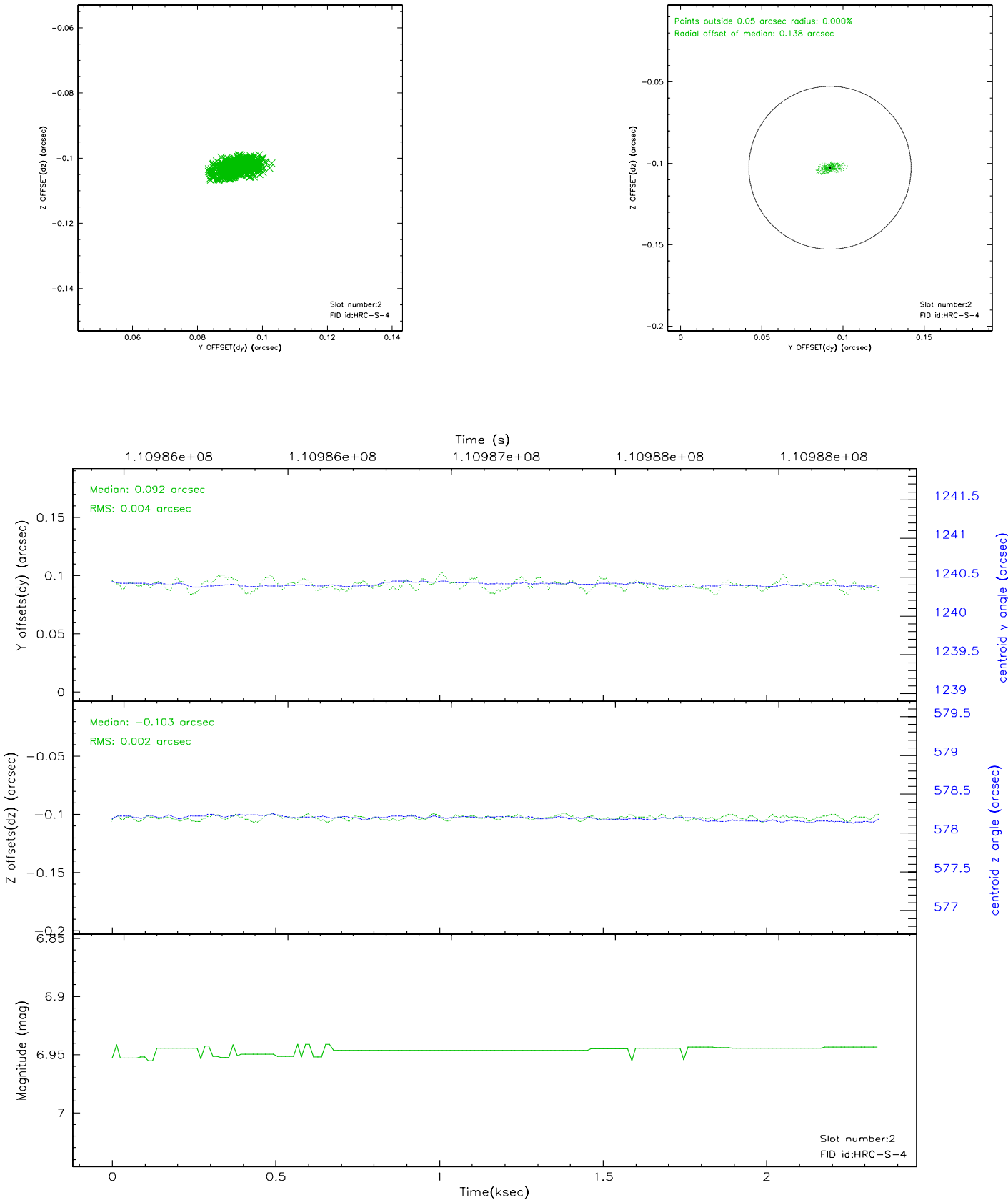
2.5.1 Slot 0



2.5.2 Slot 1

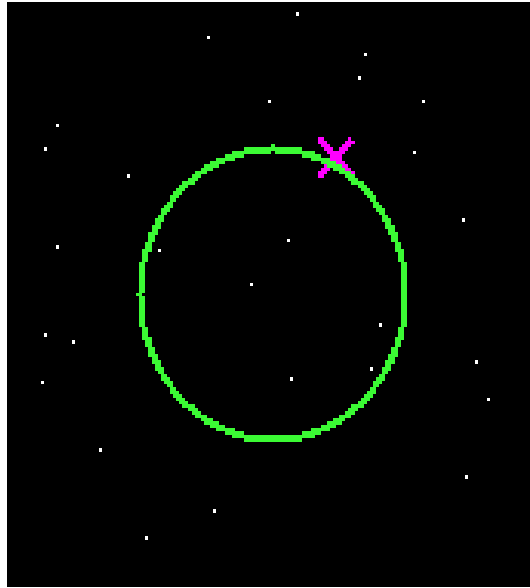


2.5.3 Slot 2

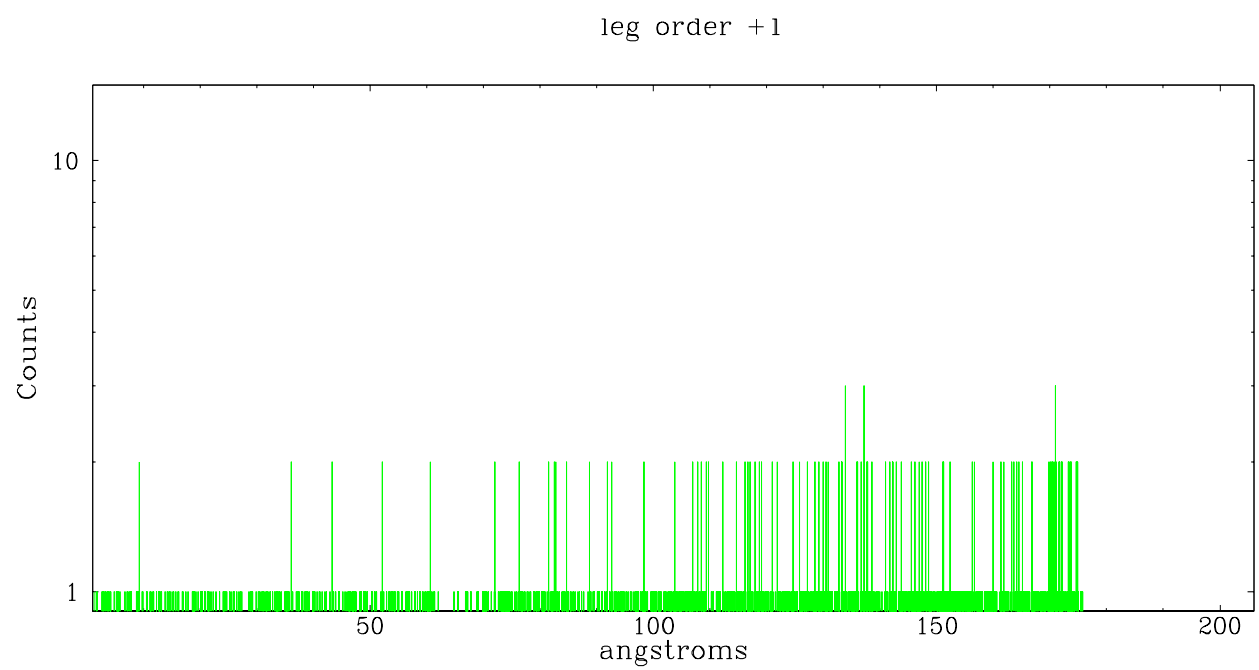
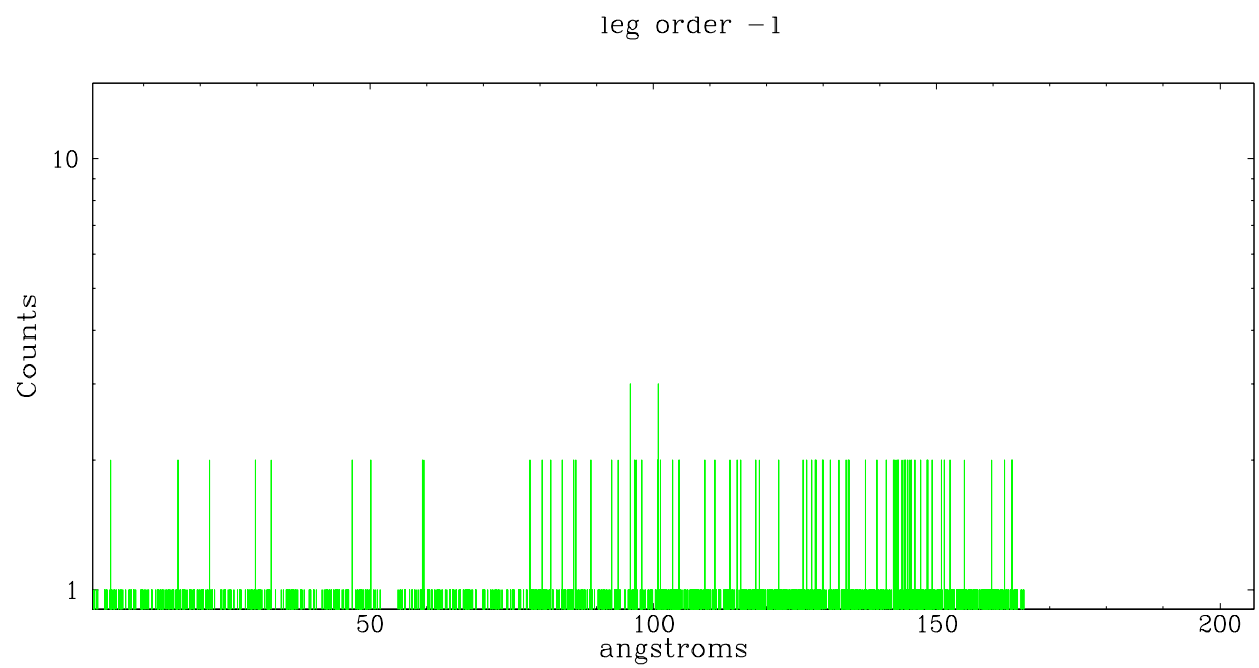


3 Gratings

3.1 LETG Arm



LETG Zero Order



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.12.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.346

A.2 Comments

Monitor constraint met.

Tgdetect found no sources, 0th order position defaulted to ra_targ, dec_targ.

Users should run sso_freeze or the equivalent on the suite of comet observations before rerunning tgdetect.