

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 590 - L2 Version 001
Chandra X-Ray Center

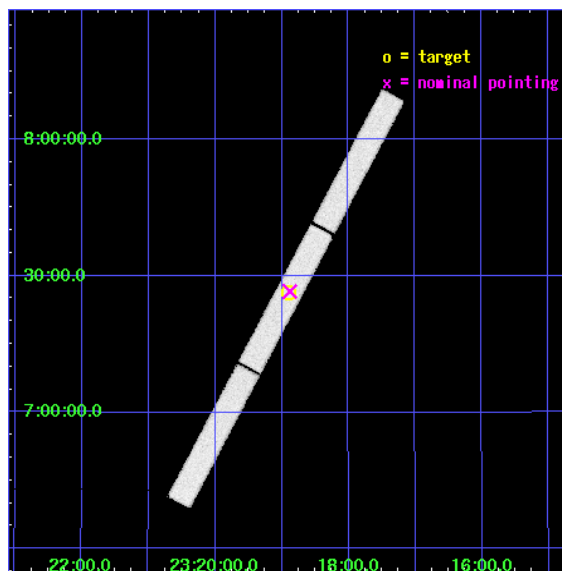
L2 Processing Date : Dec 11 2006

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1 Front

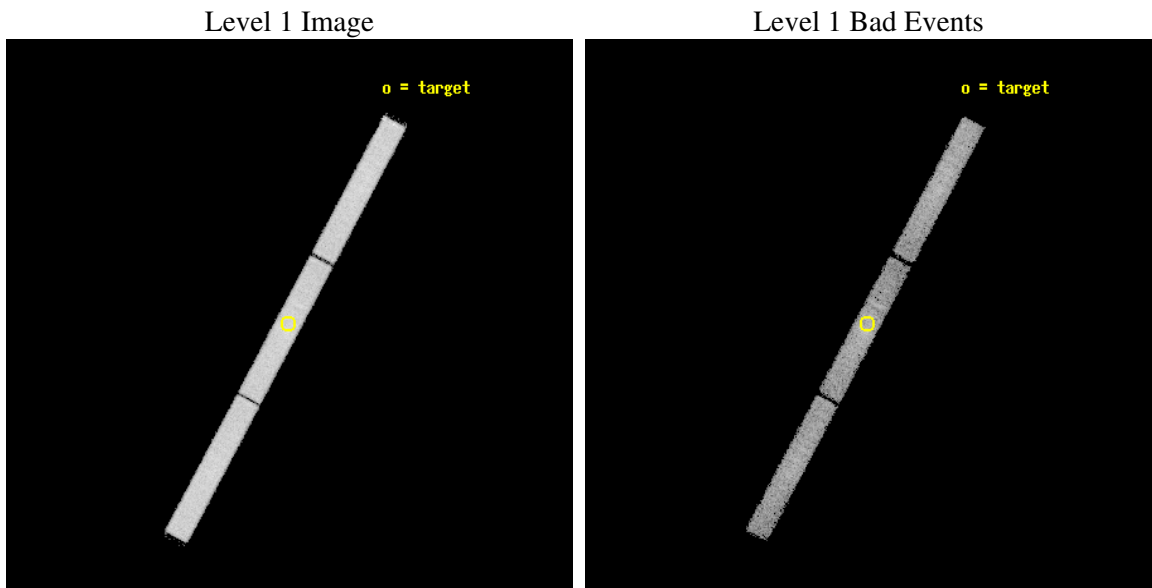
seq_num	100008
obs_id	590
title	SOLVING THE PUZZLE OF COMETARY X-RAY ORIGIN: OBSERVATIONS OF COMET 10P/TEMPEL 2
observer	DR W. THOMAS VESTRAND
object	LINEAR 2001 A2
ra_targ	349.72187
dec_targ	7.438951
ra_nom	349.71950109875
dec_nom	7.4435186306624
roll_nom	118.06612922715
revision	2
ontime	1992.8563279361
livetime	1979.0615193138
l2events	117423



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	2006-12-11T21:04:55
revision	2

sched_exp_time	2150.000000
ontime	2338.0250914395
l1events	194514

2.1.3 Events

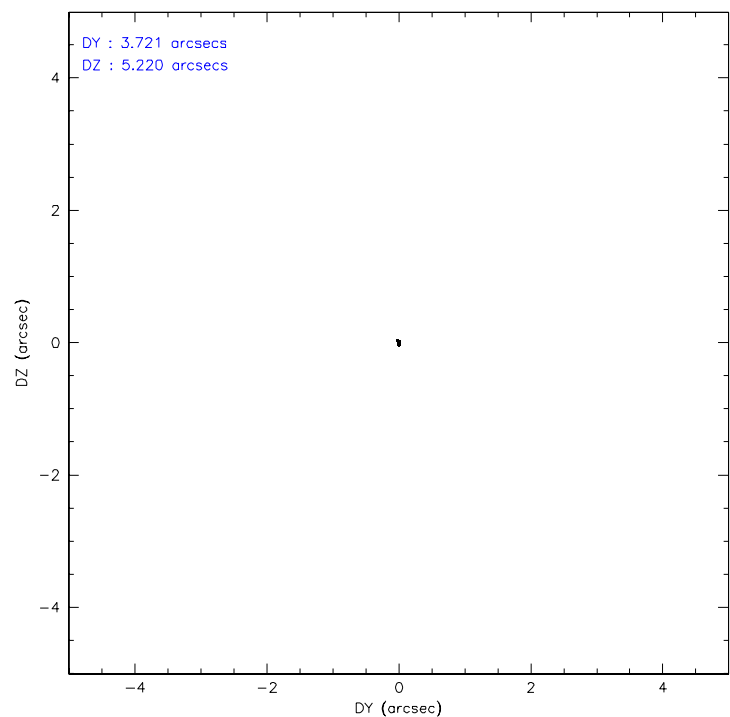
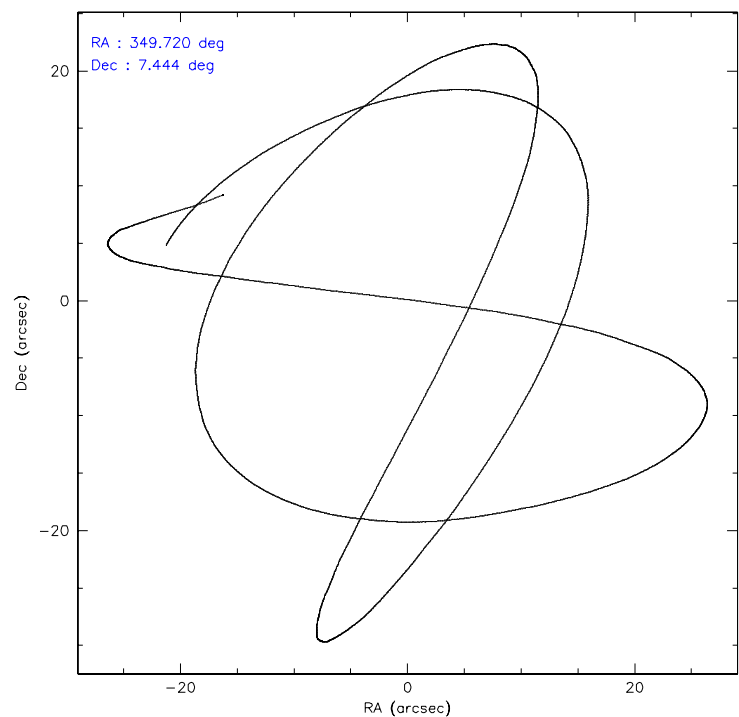
Level 1 Events

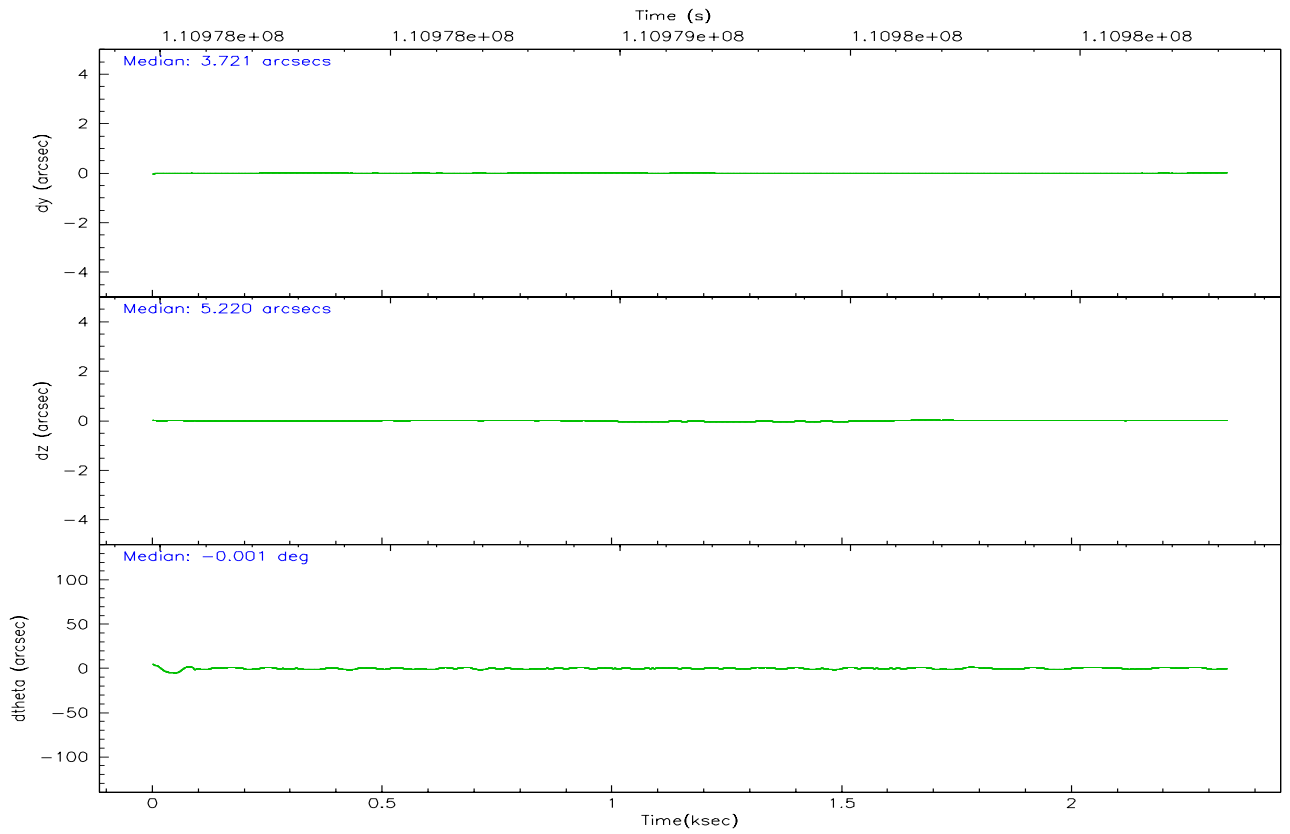
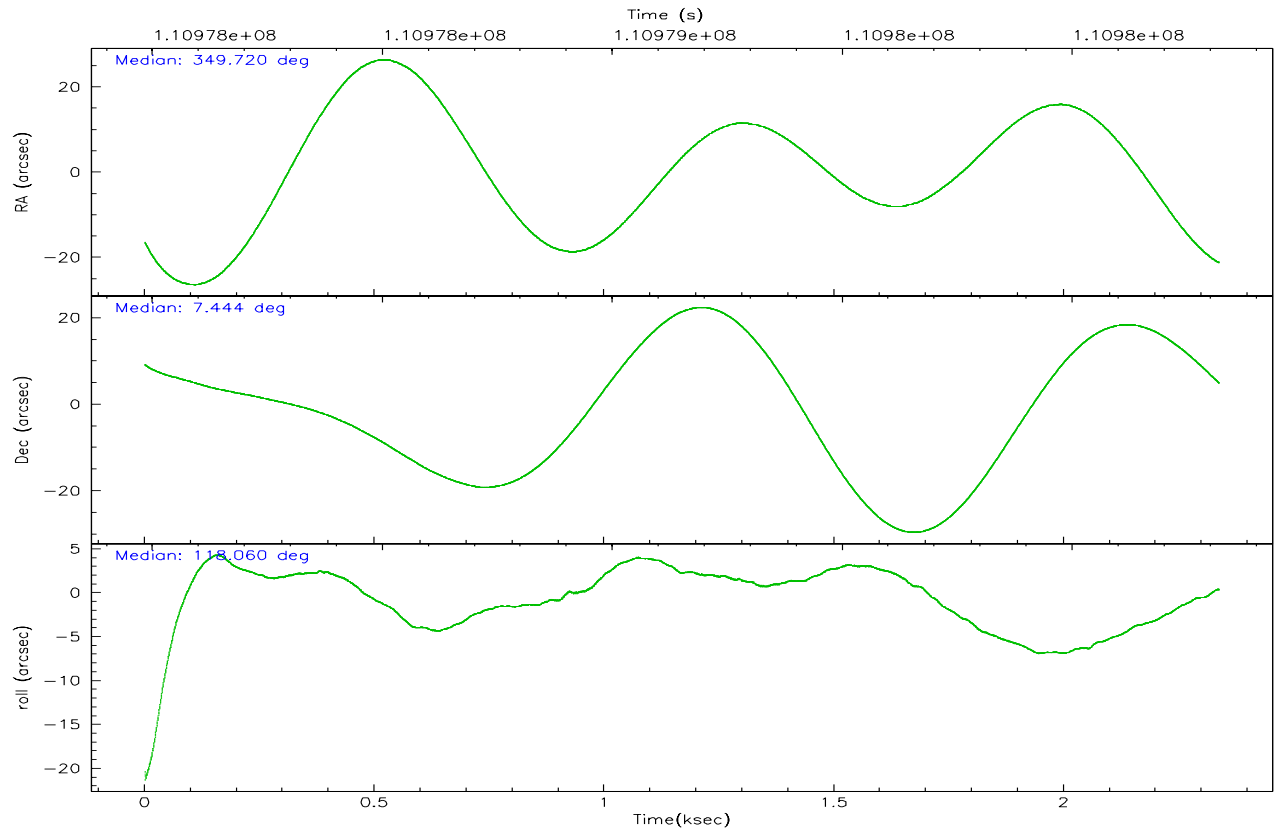
	segment 1	segment 2	segment 3
level 1 events	64227	64951	65336
rejected events	18482	21226	21728
rejected %	28%	32%	33%

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	349.744974	349.7195010987467			
Pointing Dec	7.429242	7.443518630662449			
Pointing Roll	117.995560	118.0661292271466			
Window start time	110419264.184000	110419264.184000			
Window stop time	111024064.184000	111024064.184000			
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	110978174.184000	110977771.73188			
Observation start date	2001-07-08T11:15:10	2001-07-08T11:09:31			
Observation end time	110980324.184000	110980458.25698			
Observation end date	2001-07-08T11:51:00	2001-07-08T11:54:18			

2.3 Aspect



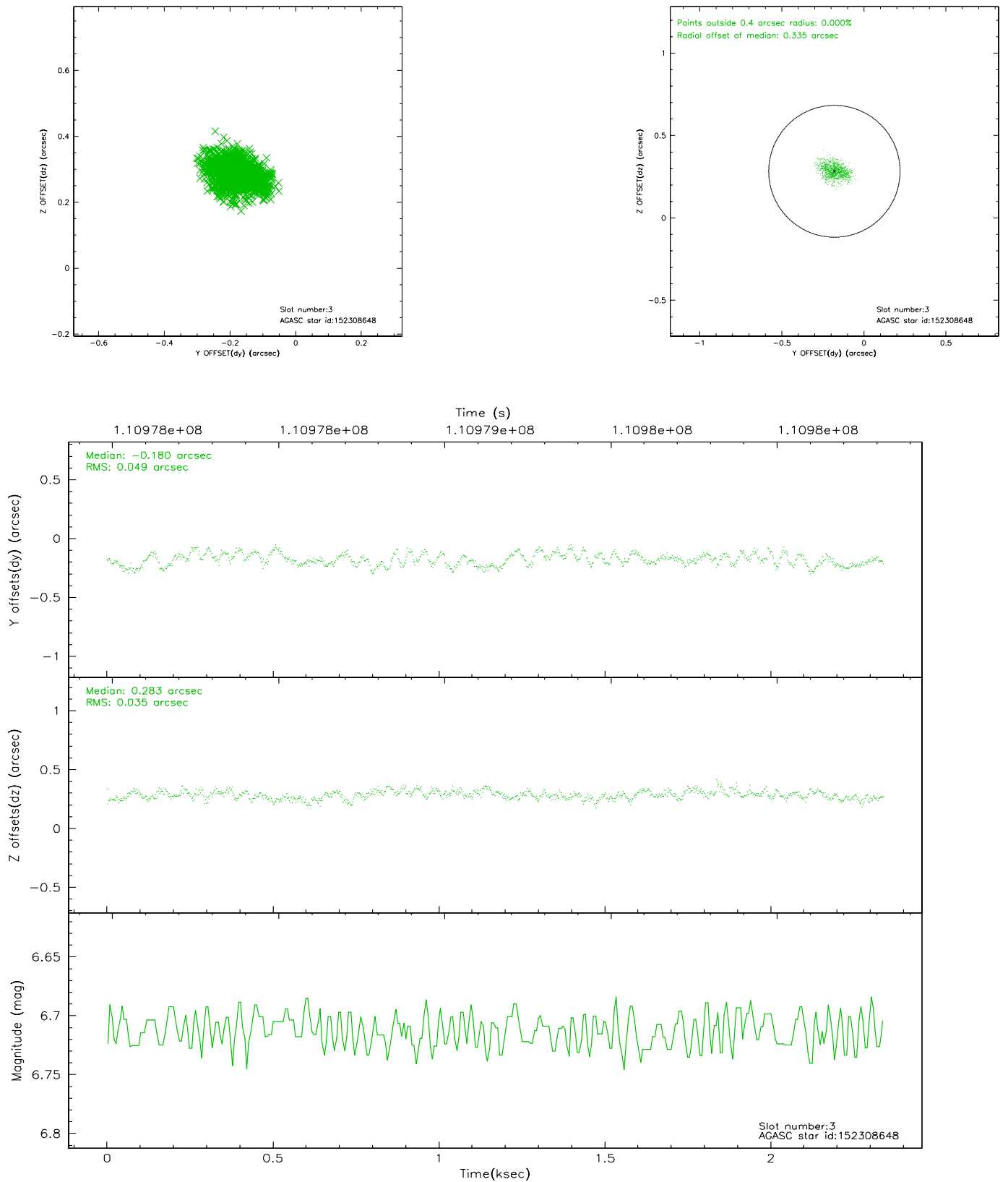


Slot Statistics

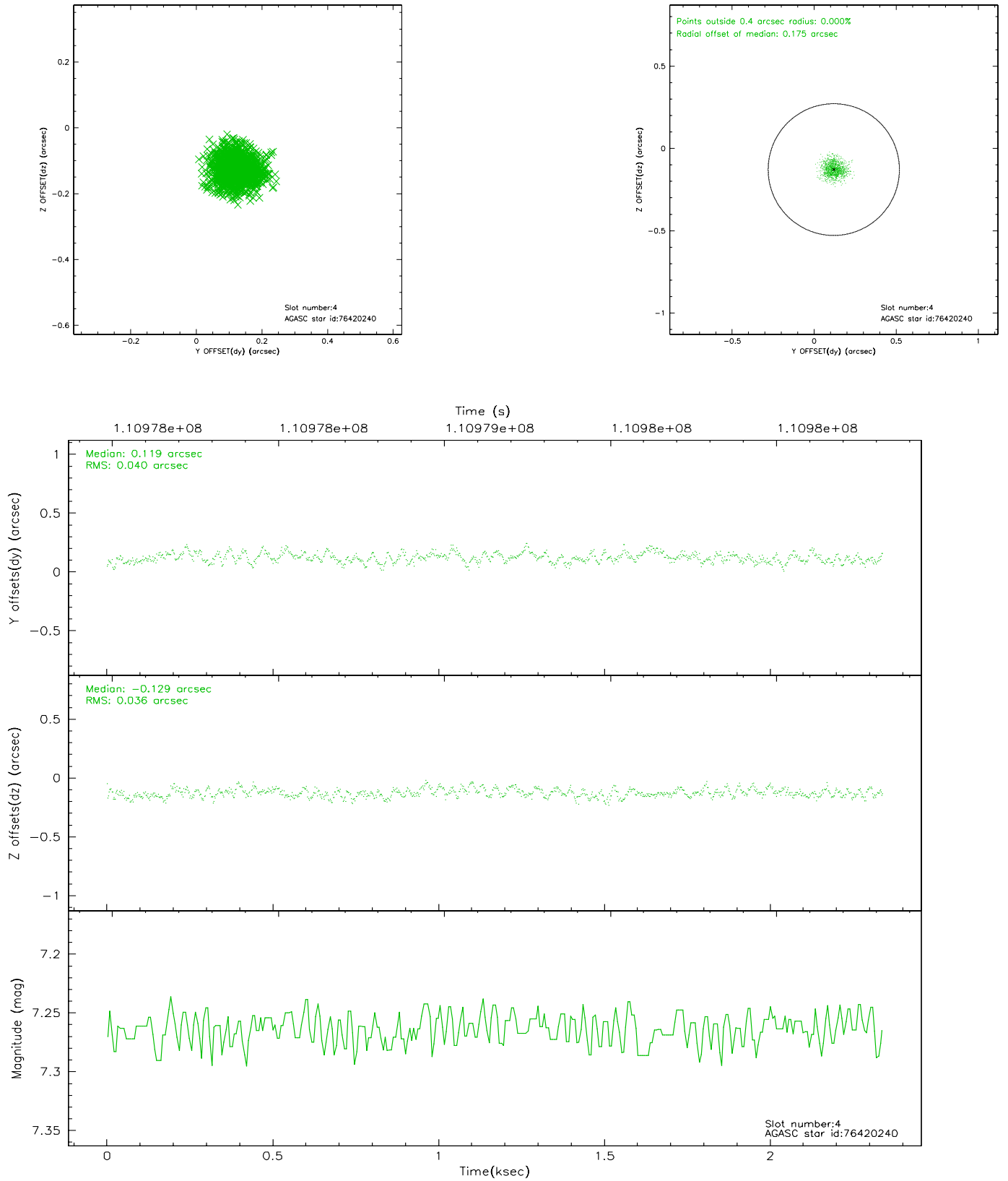
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-2	7.00	571	0.122	-0.149	0.008	0.015	0.000000	0.000000	1241.86	-446.43
1	FID	HRC-S-3	7.02	571	0.177	-0.104	0.005	0.011	0.000000	0.000000	-1158.27	575.10
2	FID	HRC-S-4	6.95	571	0.106	-0.042	0.008	0.015	0.000000	0.000000	1238.43	579.42
3	GUIDE	152308648	6.71	1142	-0.180	0.283	0.067	0.103	349.950276	7.982087	1412.13	-1580.50
4	GUIDE	76420240	7.26	1142	0.119	-0.129	0.058	0.091	349.834746	7.214951	-832.15	76.96
5	GUIDE	152181256	7.77	1142	-0.195	-0.227	0.054	0.084	349.141958	7.580367	1488.92	1643.67
6	GUIDE	76419040	9.11	1141	0.065	-0.209	0.082	0.135	349.315769	7.117648	-270.77	1880.85
7	GUIDE	76548368	9.38	1137	0.191	0.283	0.093	0.149	350.463418	7.237988	-1812.20	-1941.93

2.4 Star Slots

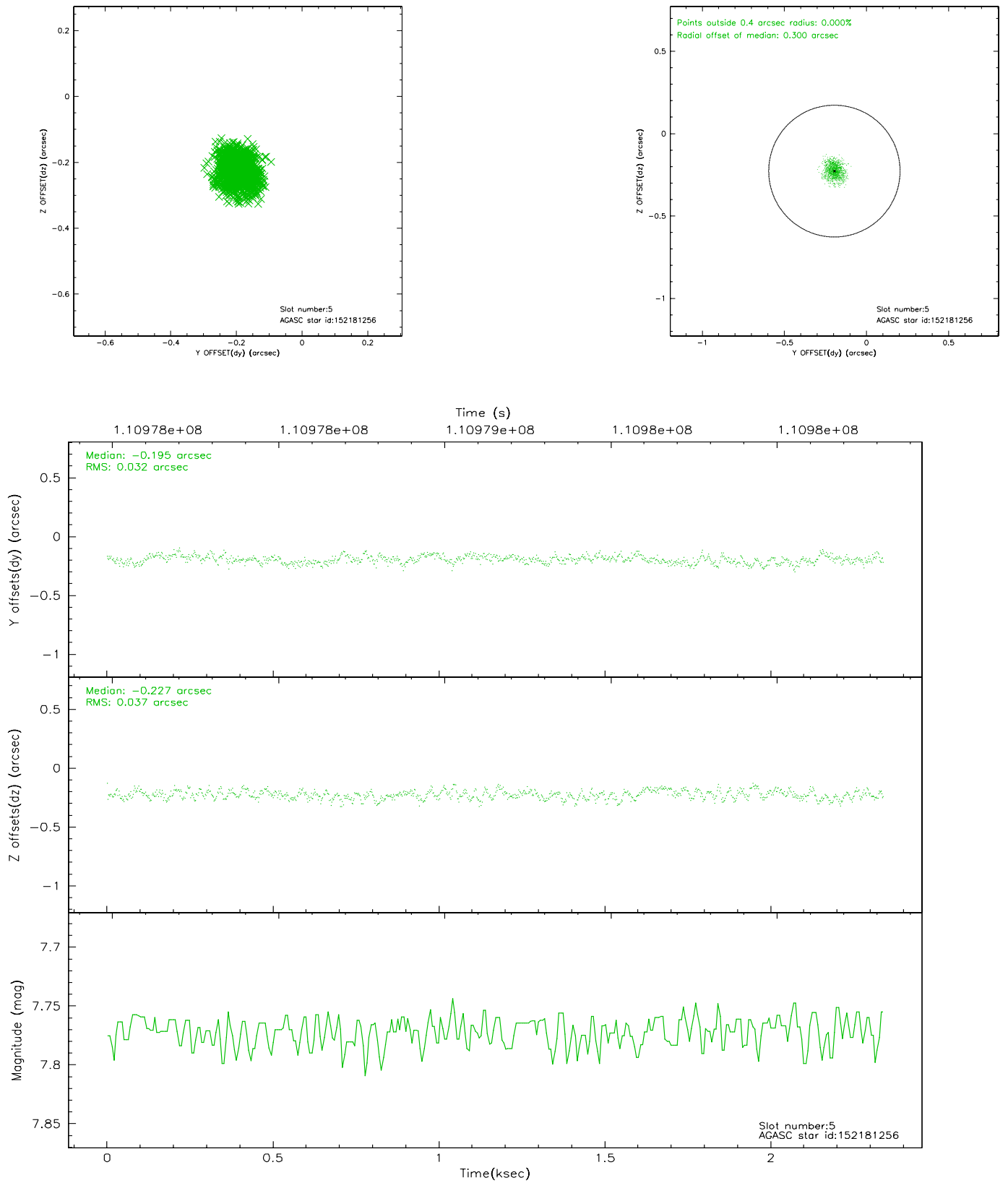
2.4.1 Slot 3



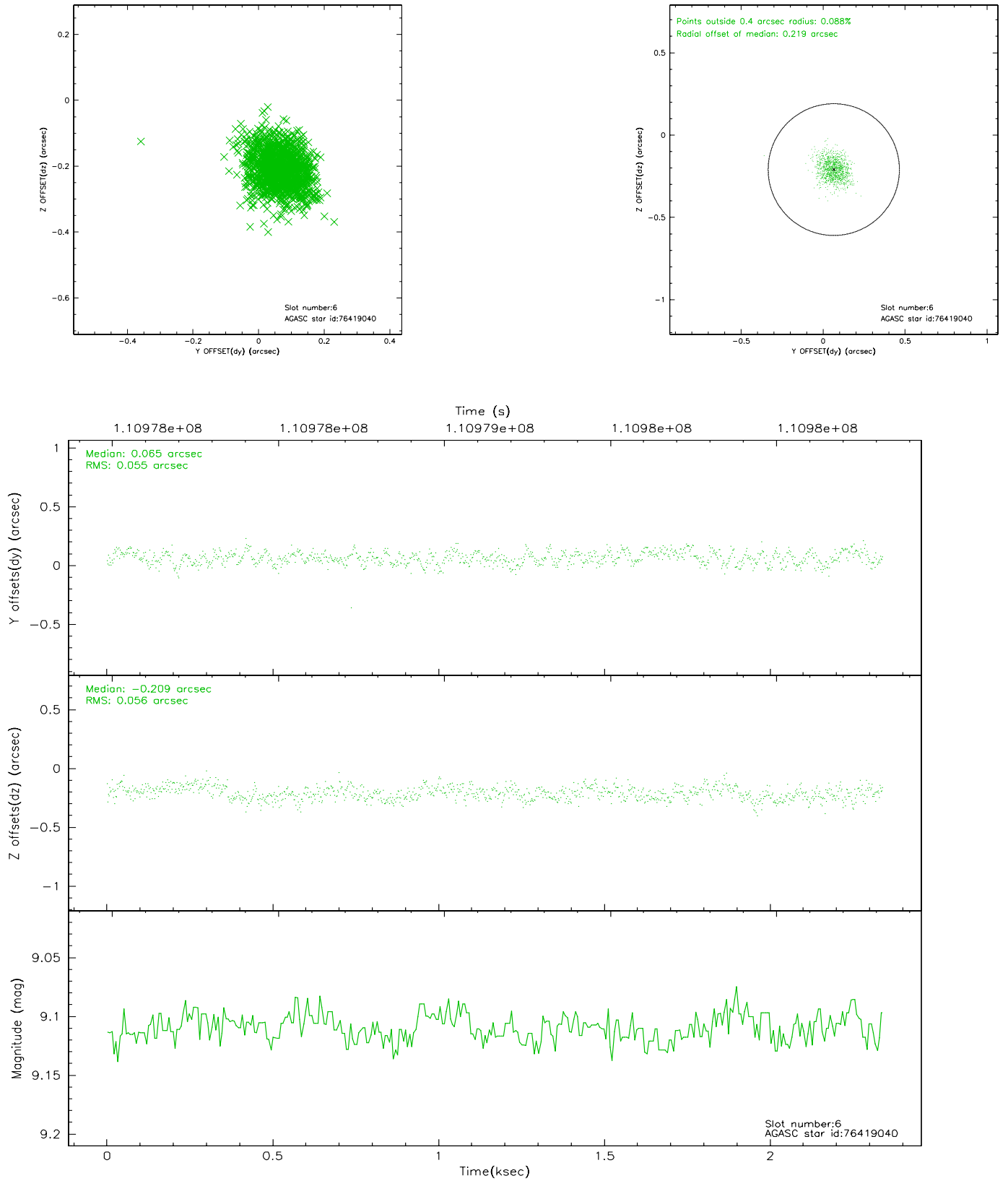
2.4.2 Slot 4



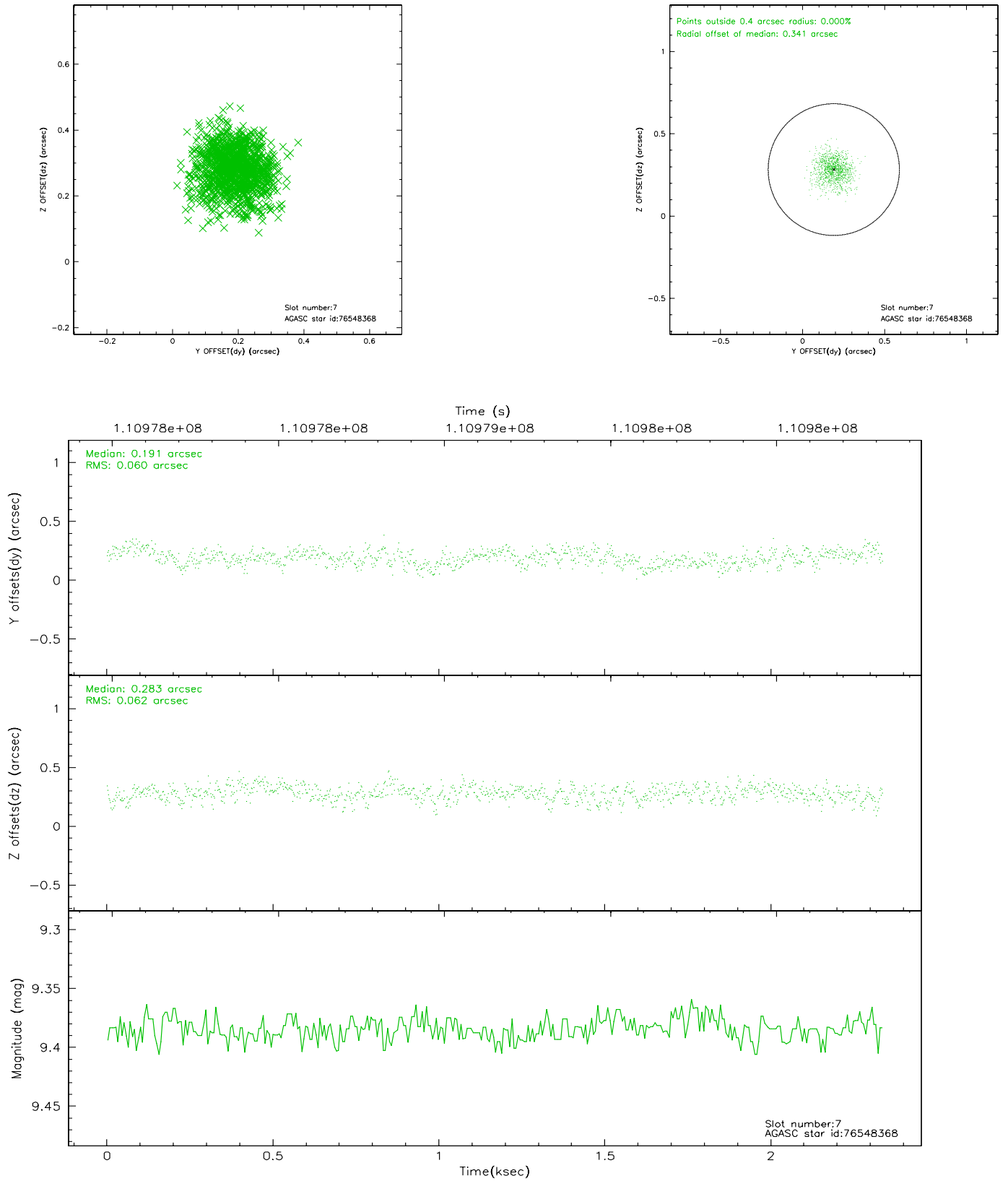
2.4.3 Slot 5



2.4.4 Slot 6

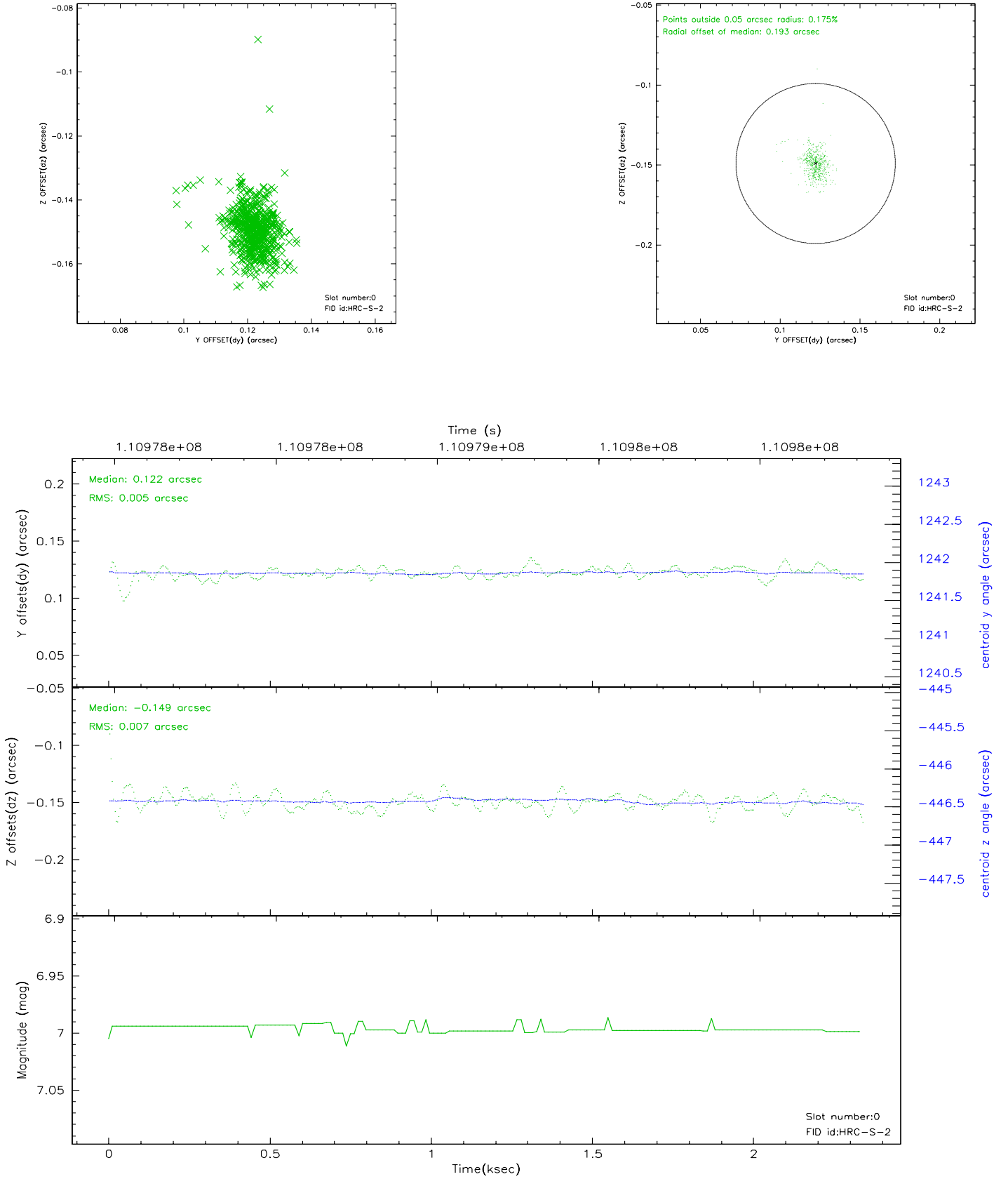


2.4.5 Slot 7

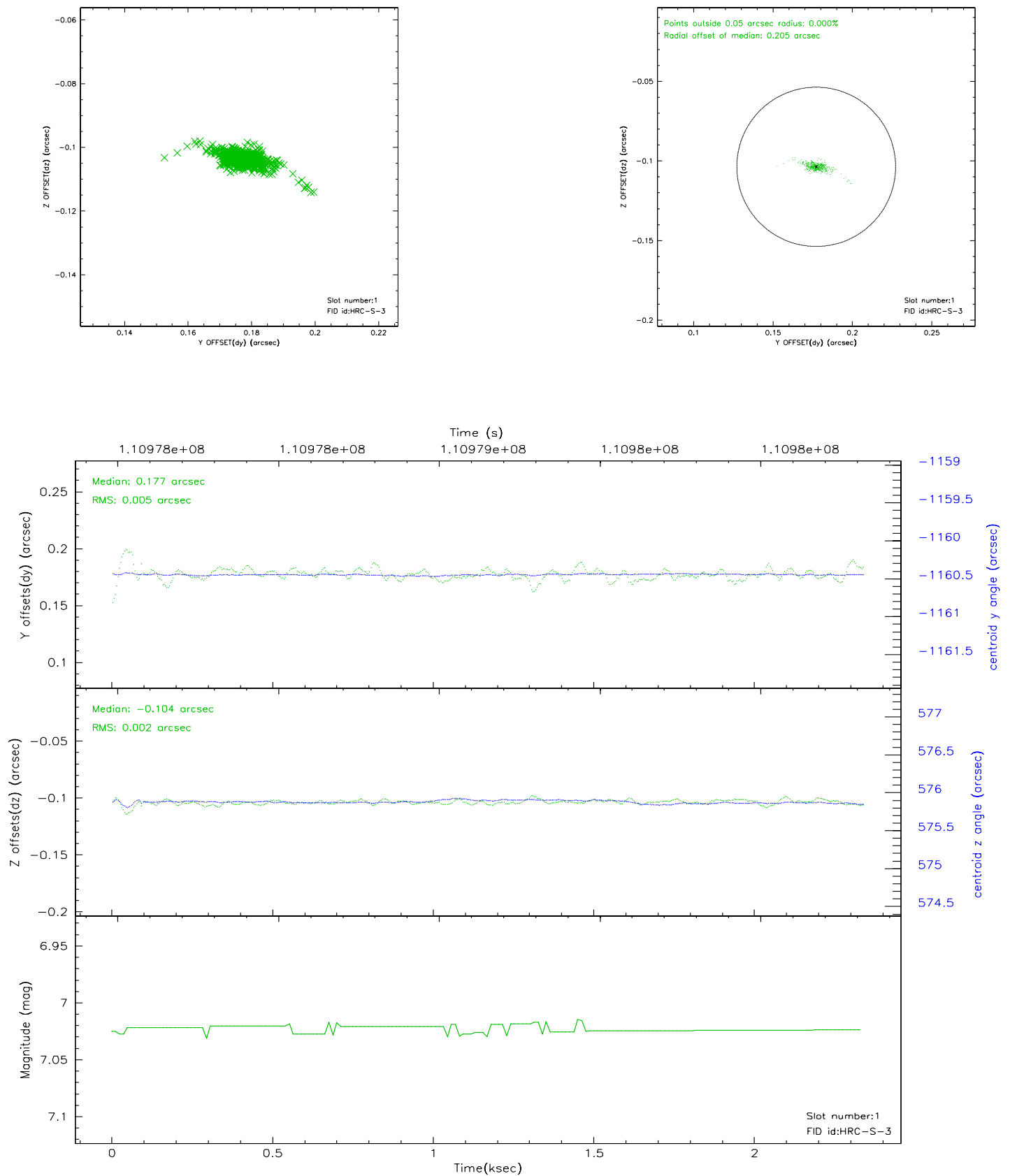


2.5 FID Slots

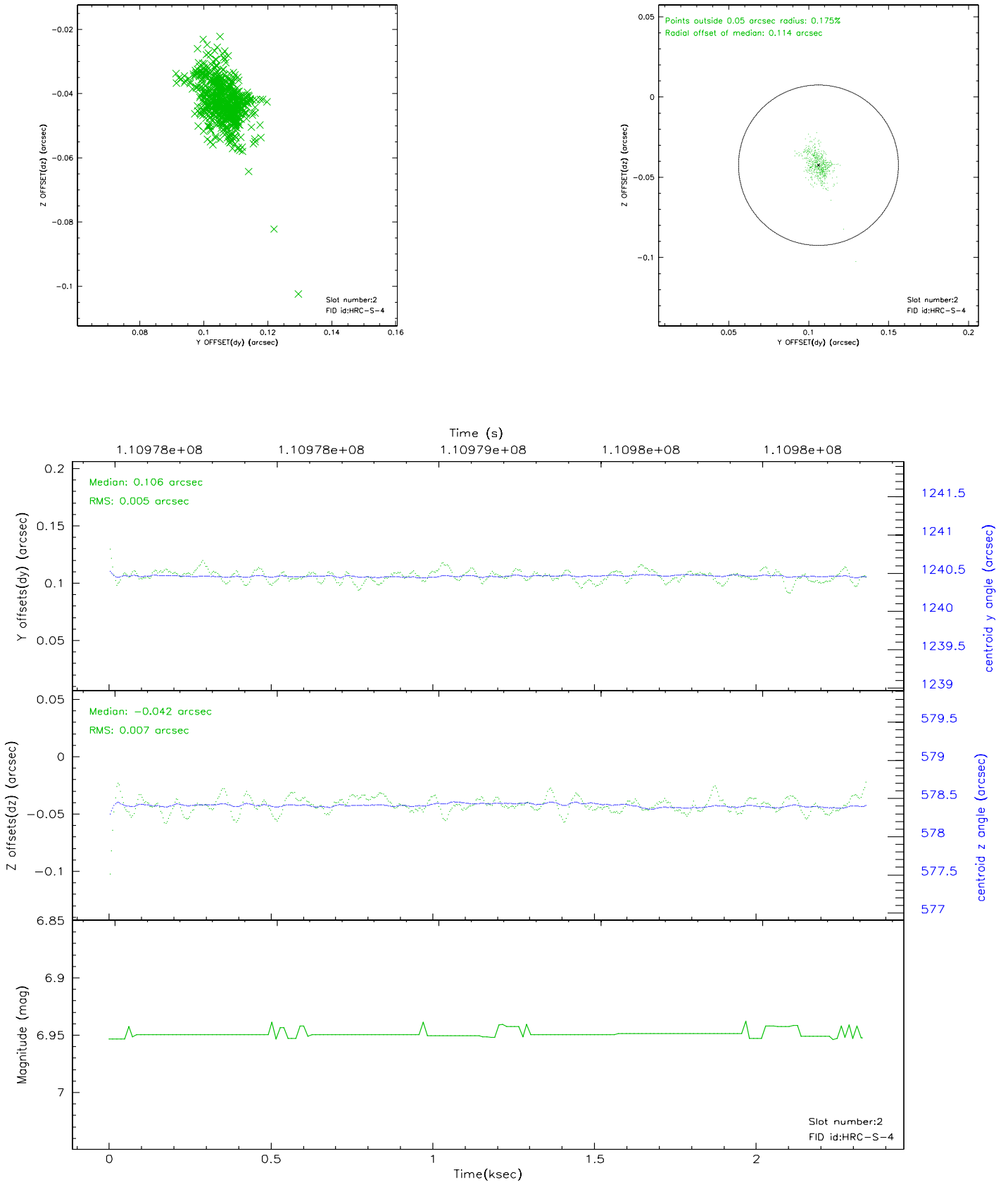
2.5.1 Slot 0



2.5.2 Slot 1

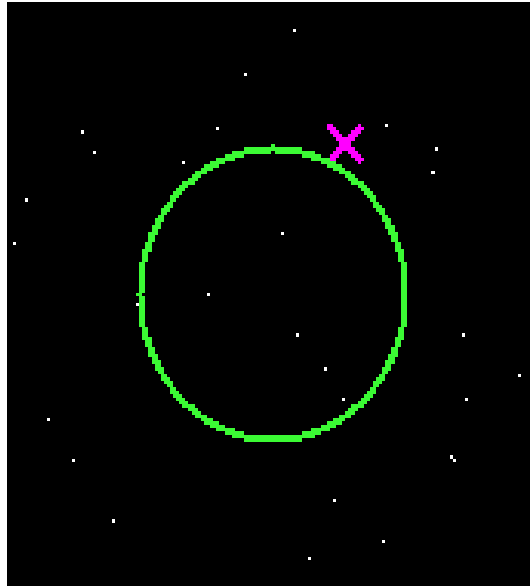


2.5.3 Slot 2

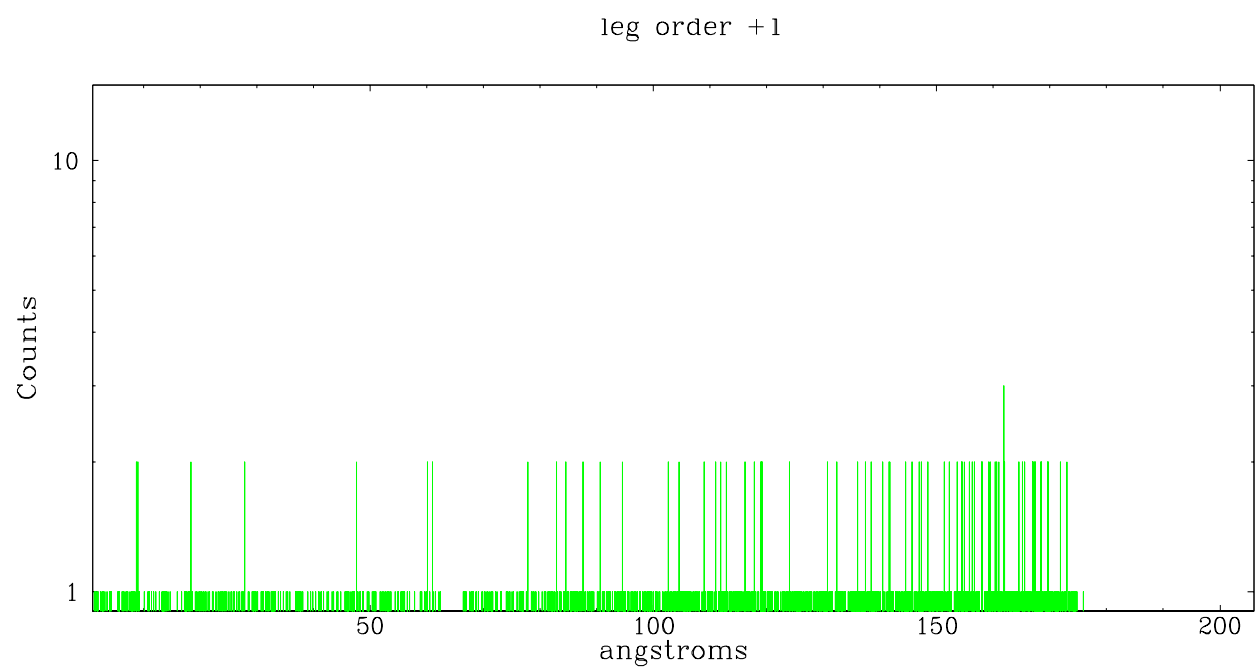
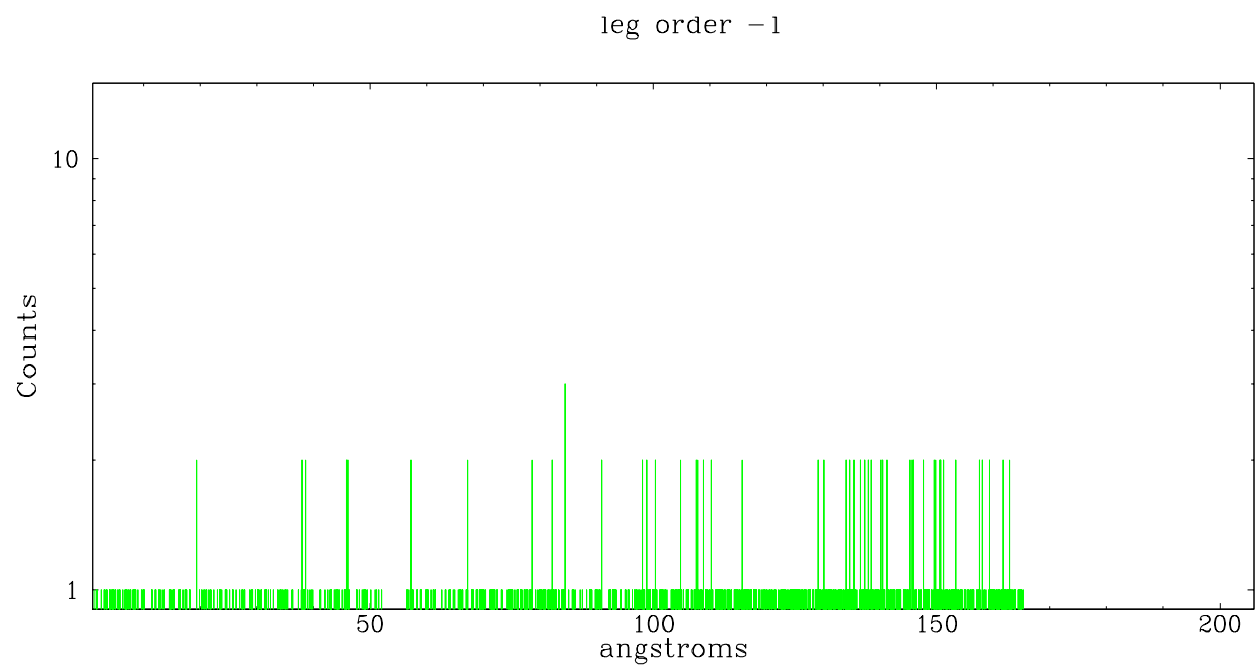


3 Gratings

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	1.992

A.2 Comments

Window 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.