

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2476 - L2 Version 001
Chandra X-Ray Center

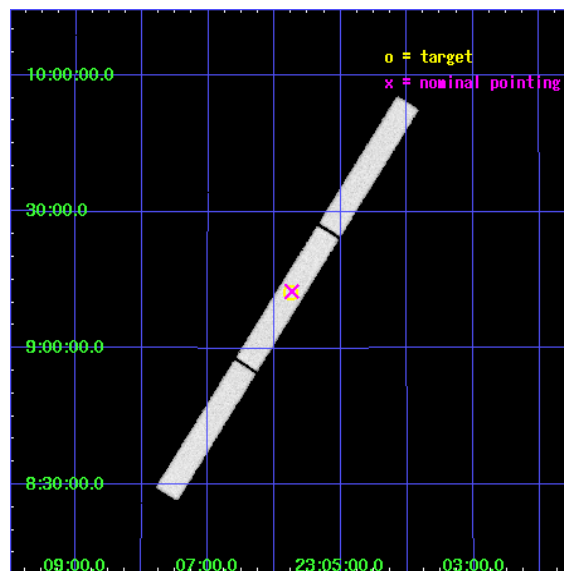
L2 Processing Date : Dec 11 2006

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1 Front

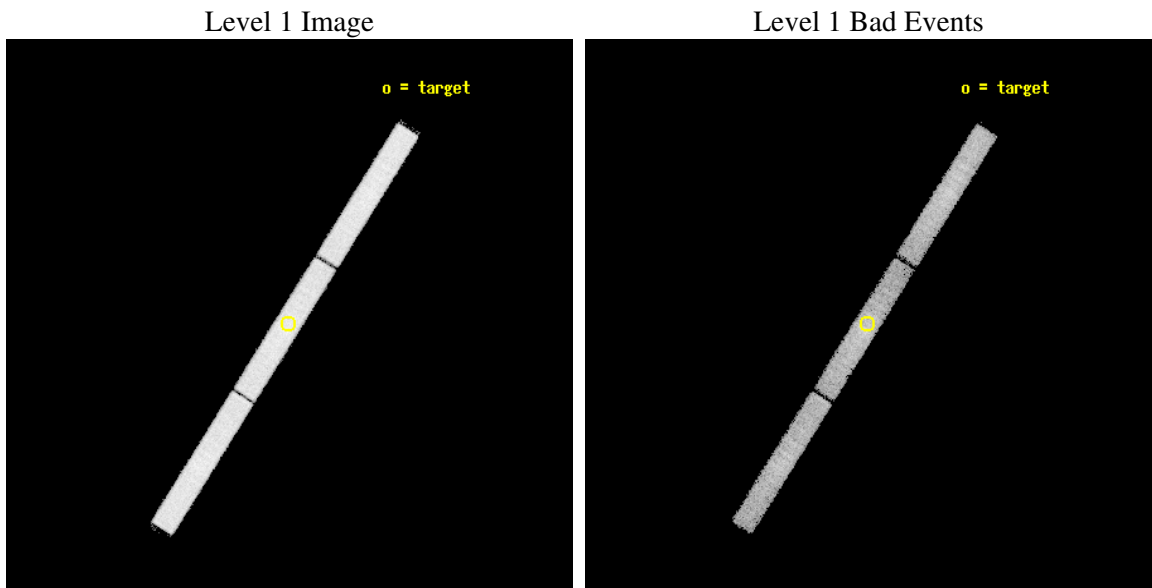
seq_num	100008
obs_id	2476
title	SOLVING THE PUZZLE OF COMETARY X-RAY ORIGIN: OBSERVATIONS OF COMET 10P/TEMPEL 2
observer	DR W. THOMAS VESTRAND
object	LINEAR 2001 A2
ra_targ	346.4367
dec_targ	9.20473
ra_nom	346.43398811674
dec_nom	9.2086794504995
roll_nom	121.99113810089
revision	2
ontime	2393.6313436329
livetime	2377.087812402
l2events	140934



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	2006-12-12T00:27:14
revision	2

sched_exp_time	2250.000000
ontime	2445.6500956714
l1events	246595

2.1.3 Events

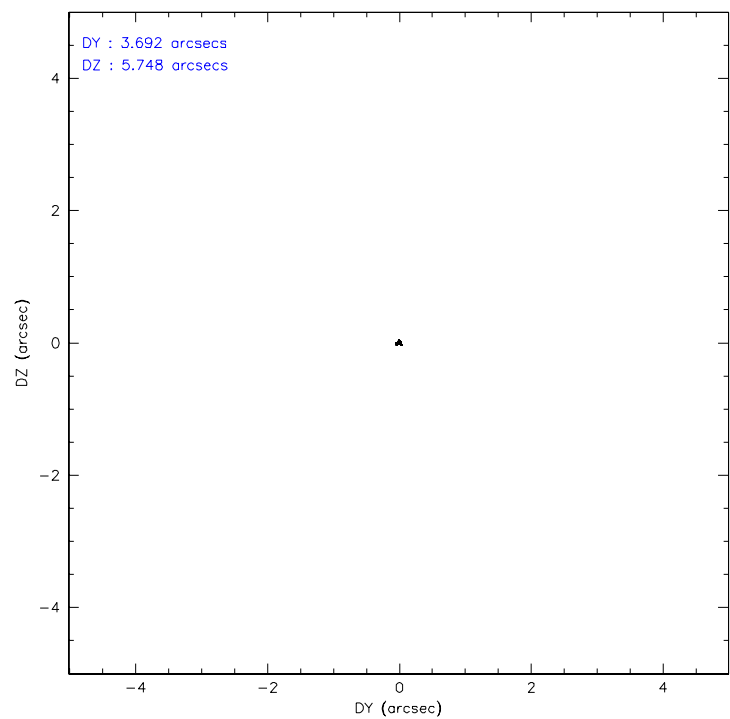
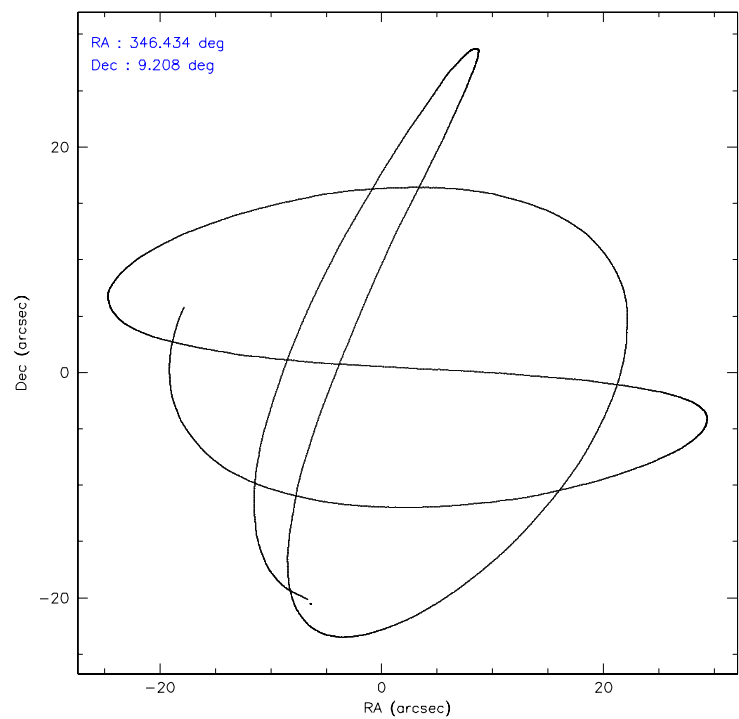
Level 1 Events

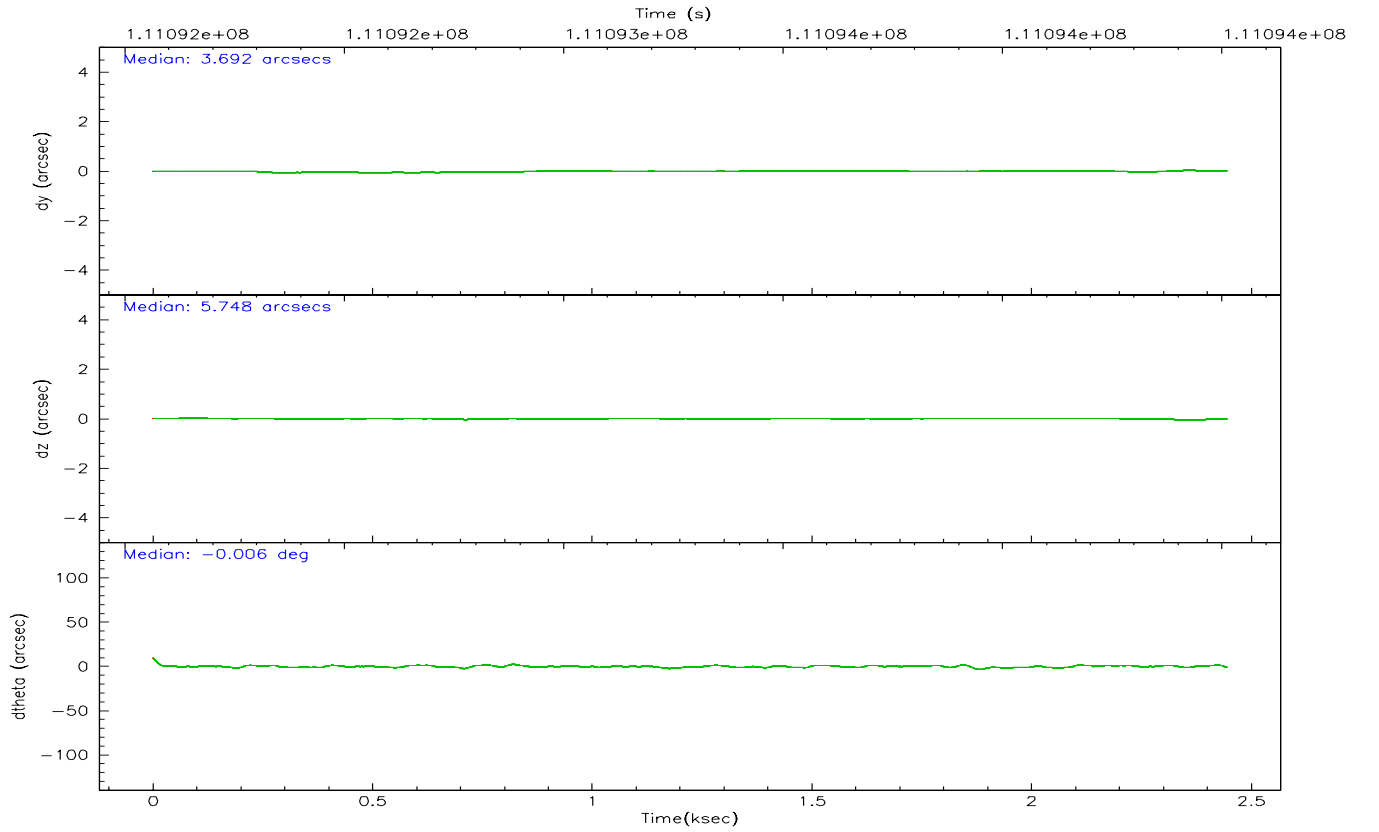
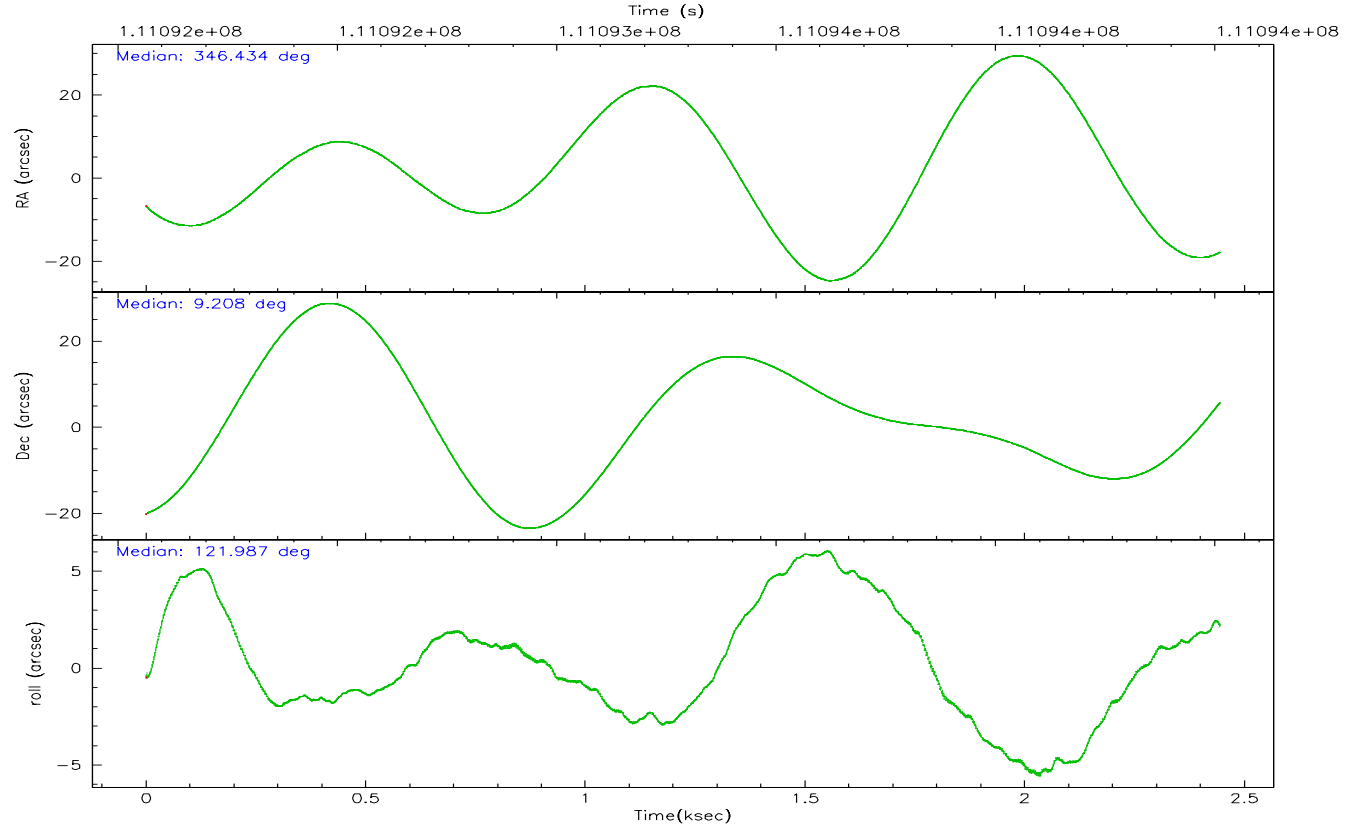
	segment 1	segment 2	segment 3
level 1 events	82360	80849	83386
rejected events	27583	28153	31405
rejected %	33%	34%	37%

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	346.460527	346.4339881167375			
Pointing Dec	9.196600	9.208679450499545			
Pointing Roll	121.919537	121.9911381008934			
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	111092261.184000	111091884.98634			
Observation start date	2001-07-09T18:56:37	2001-07-09T18:51:24			
Observation end time	111094511.184000	111094675.03645			
Observation end date	2001-07-09T19:34:07	2001-07-09T19:37:55			

2.3 Aspect



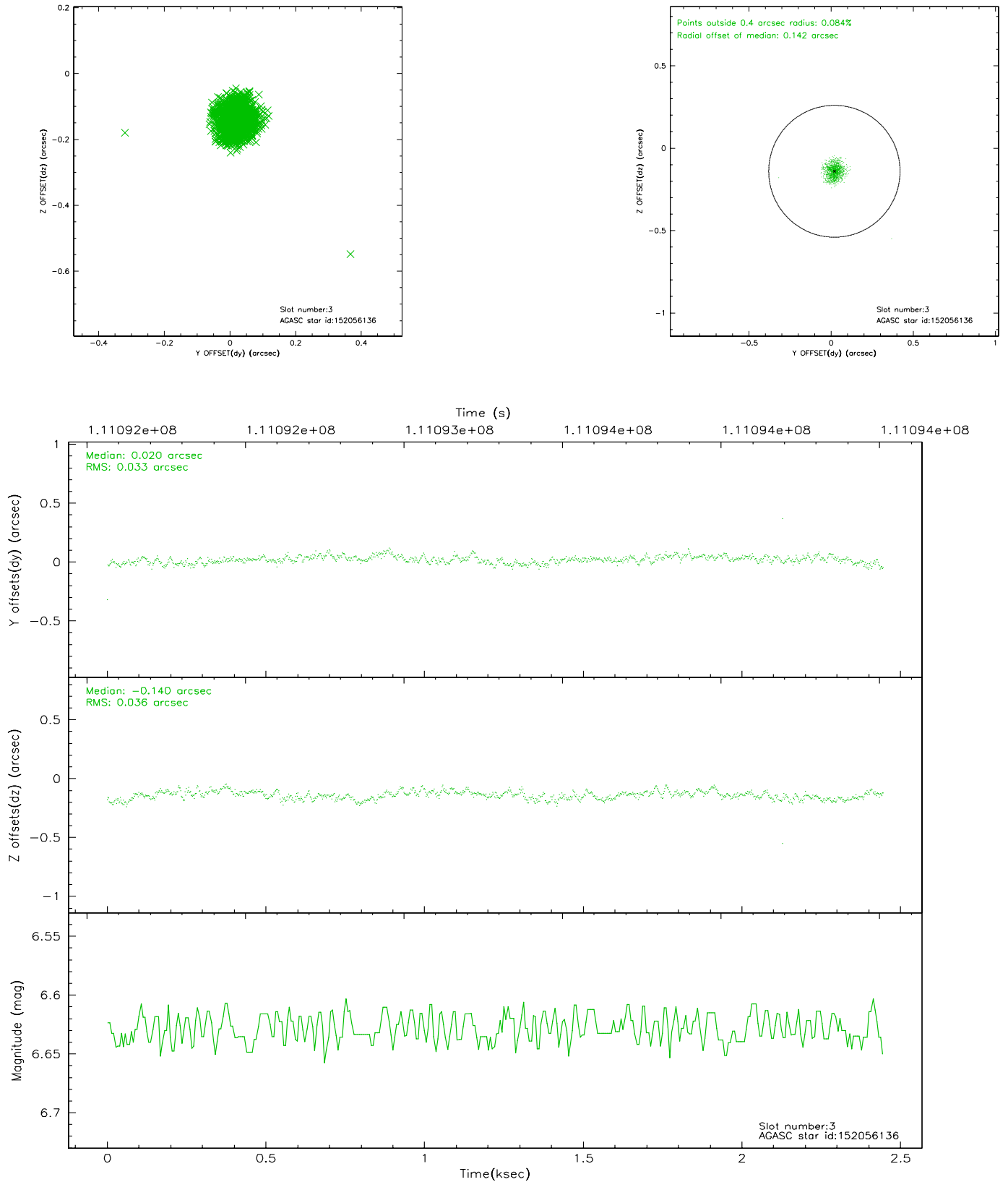


Slot Statistics

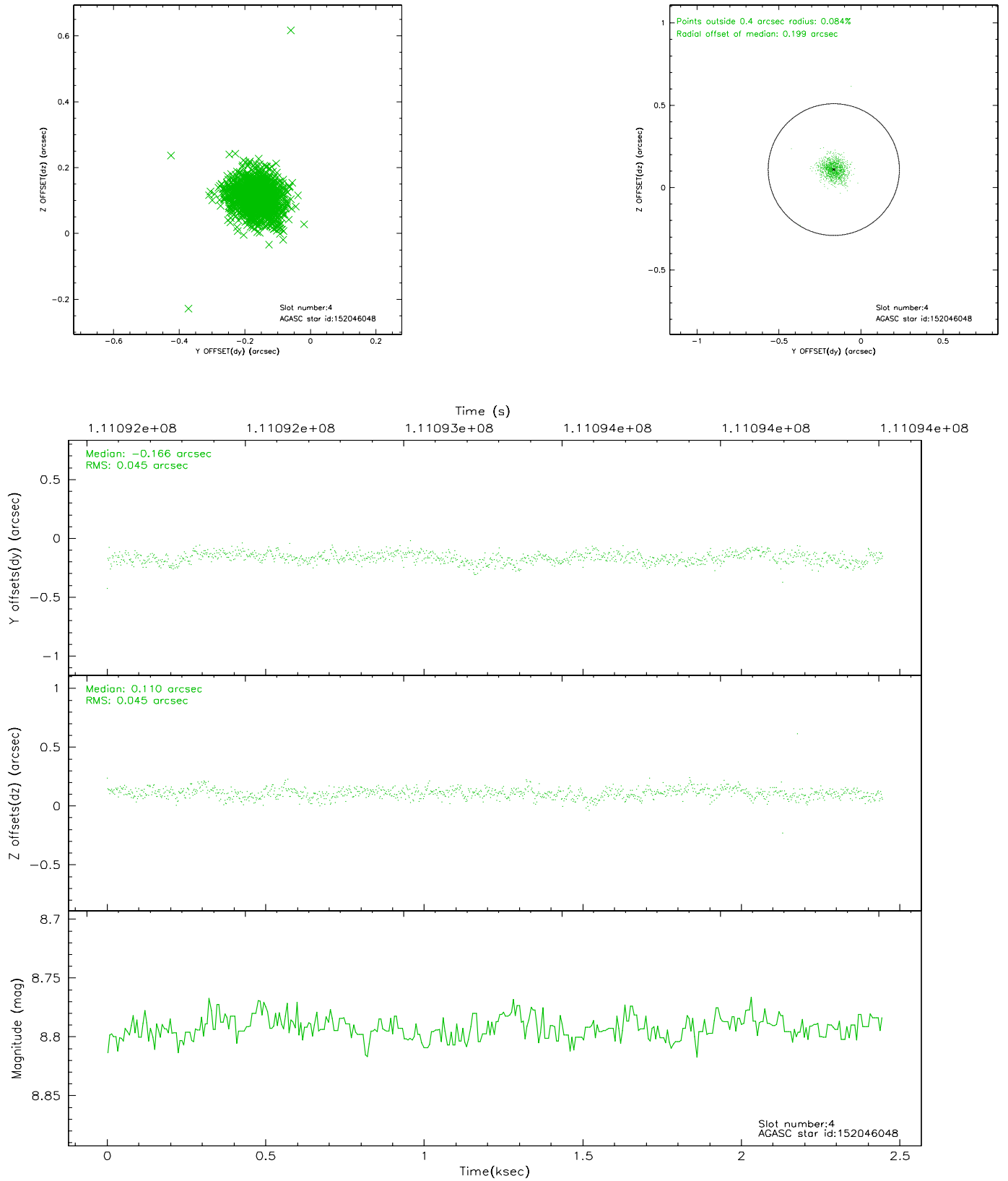
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.98	597	0.123	-0.152	0.008	0.014	0.000000	0.000000	-1157.74	-454.34
1	FID	HRC-S-3	7.00	597	0.173	-0.048	0.009	0.016	0.000000	0.000000	-1162.39	574.53
2	FID	HRC-S-4	6.92	597	0.092	-0.097	0.005	0.010	0.000000	0.000000	1238.50	578.86
3	GUIDE	152056136	6.63	1194	0.020	-0.140	0.050	0.078	346.466795	8.896005	-929.23	552.69
4	GUIDE	152046048	8.79	1191	-0.166	0.110	0.064	0.105	346.265854	9.604114	1610.84	-189.01
5	GUIDE	152056984	8.46	1194	0.162	0.273	0.070	0.114	347.141022	9.108410	-1543.81	-1886.87
6	GUIDE	152048440	8.52	1194	0.032	-0.099	0.058	0.093	346.200519	9.070077	102.14	1023.13
7	GUIDE	152050776	9.13	1193	-0.053	-0.140	0.068	0.114	346.189473	9.345260	964.76	534.49

2.4 Star Slots

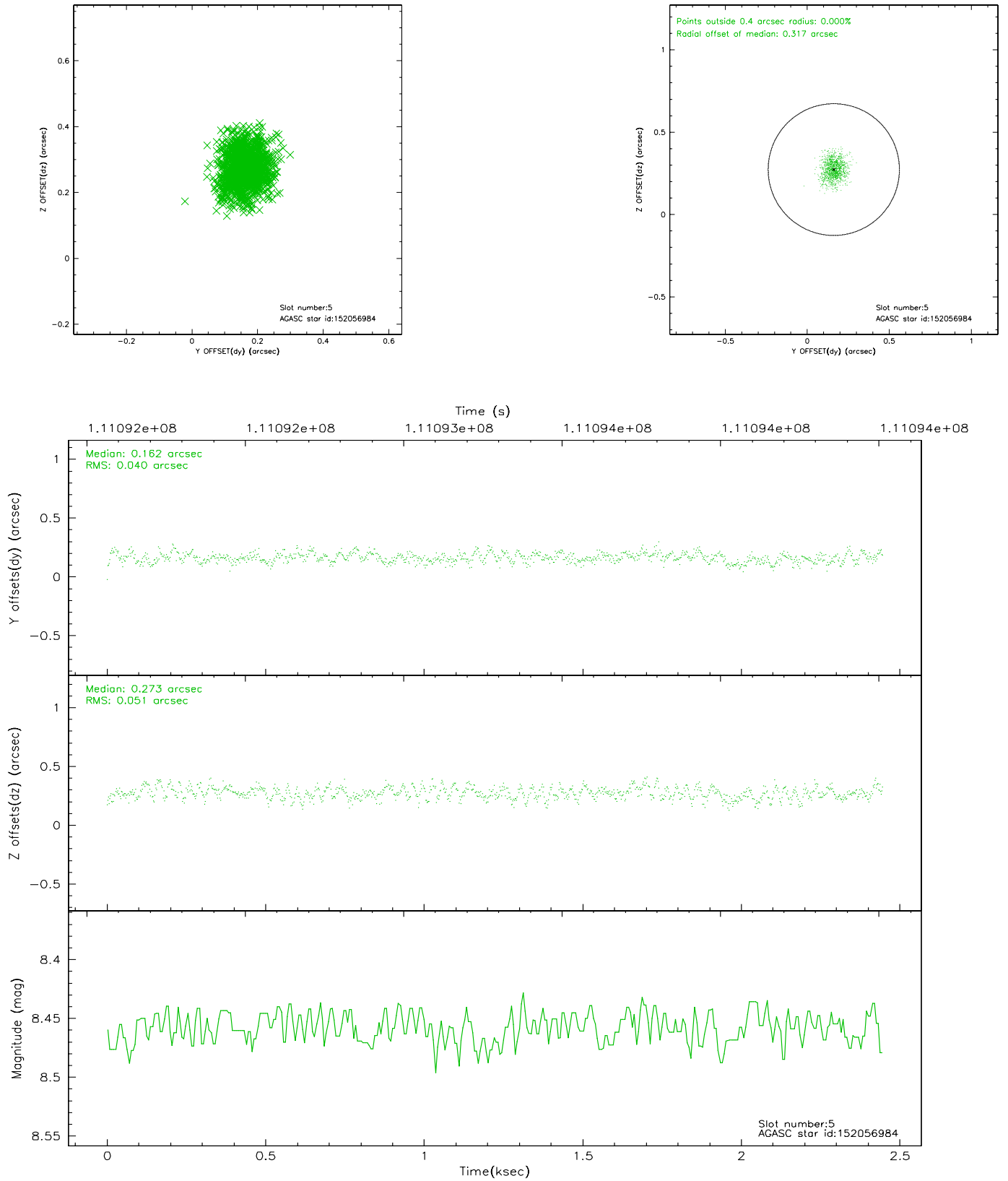
2.4.1 Slot 3



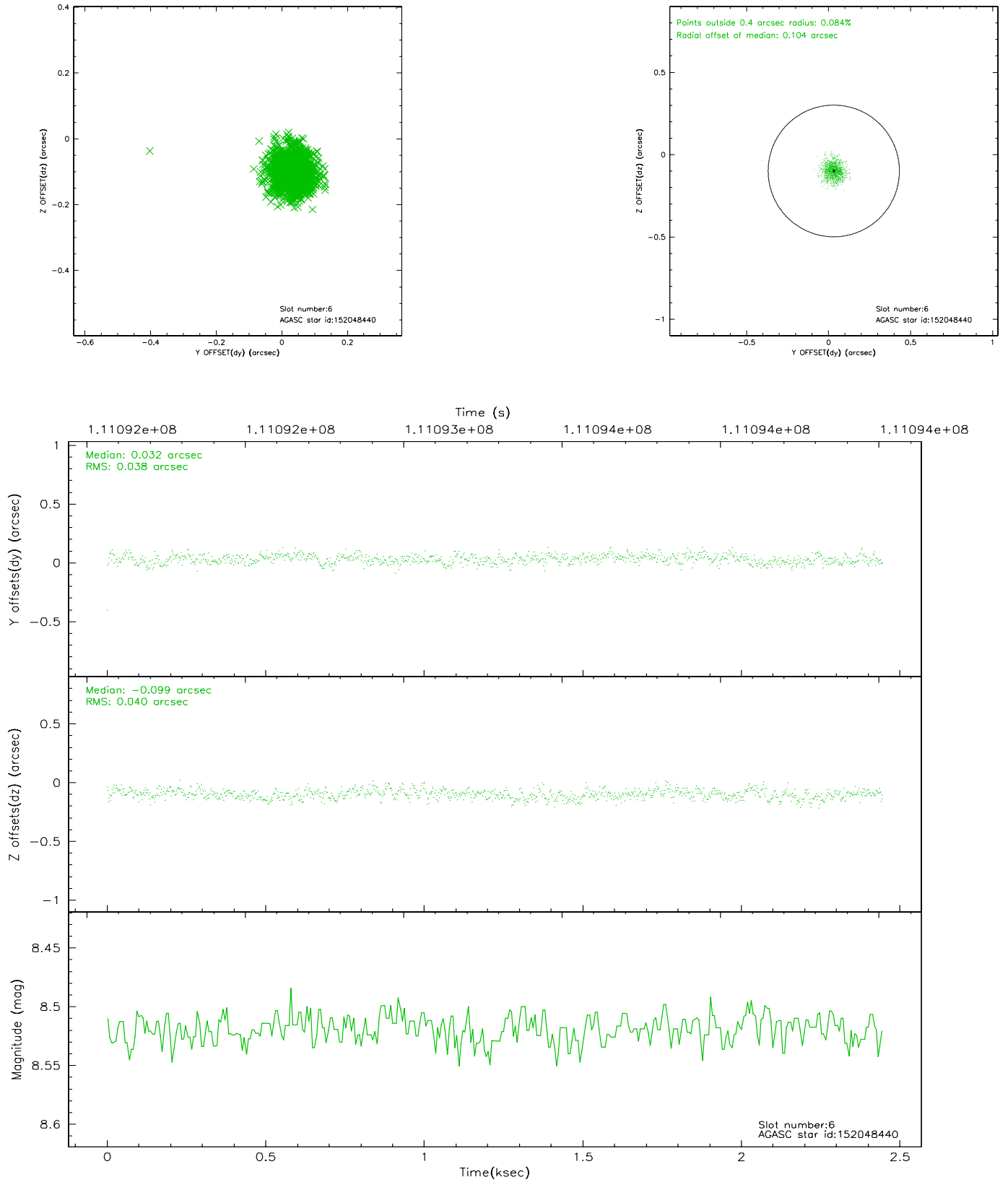
2.4.2 Slot 4



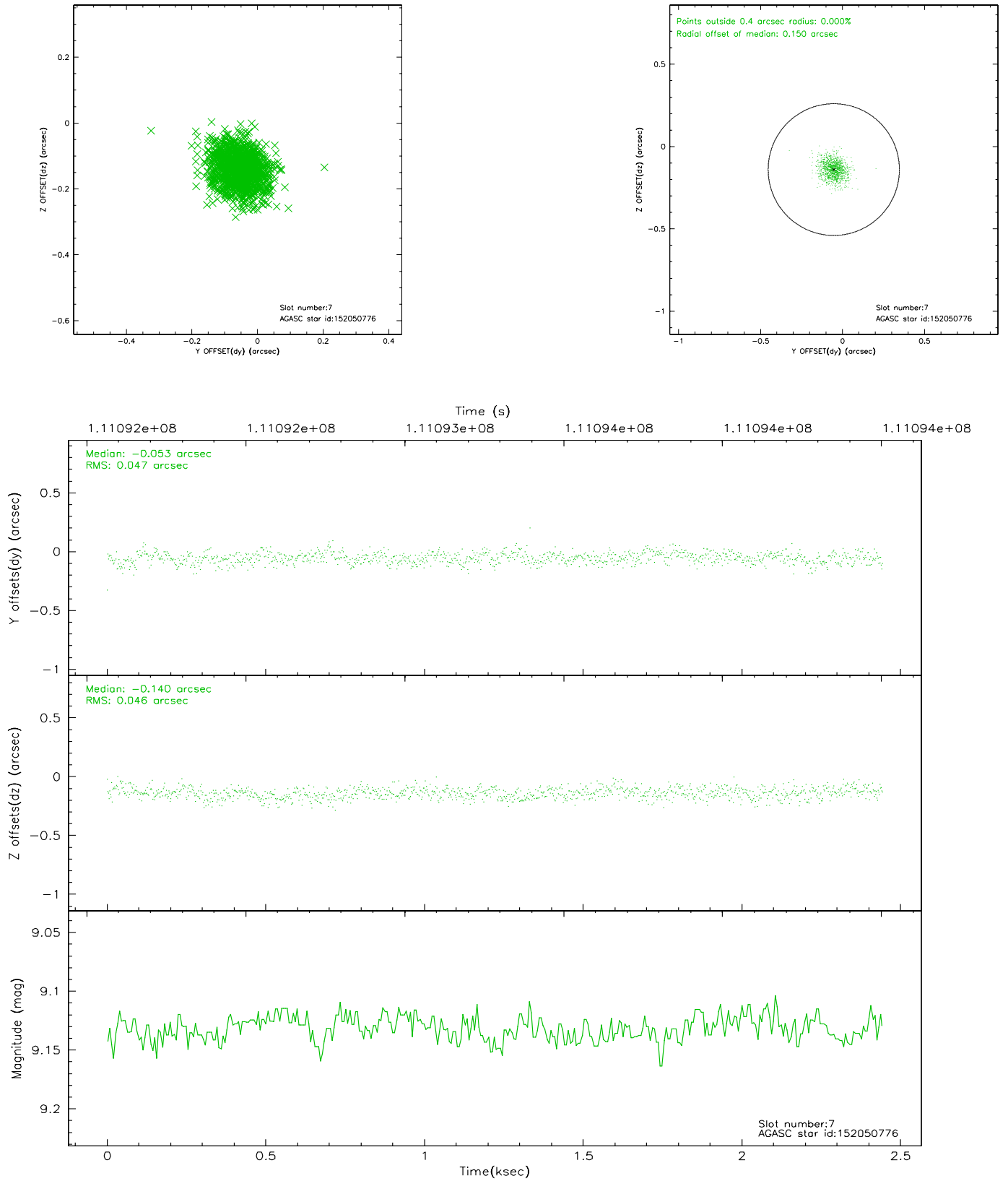
2.4.3 Slot 5



2.4.4 Slot 6

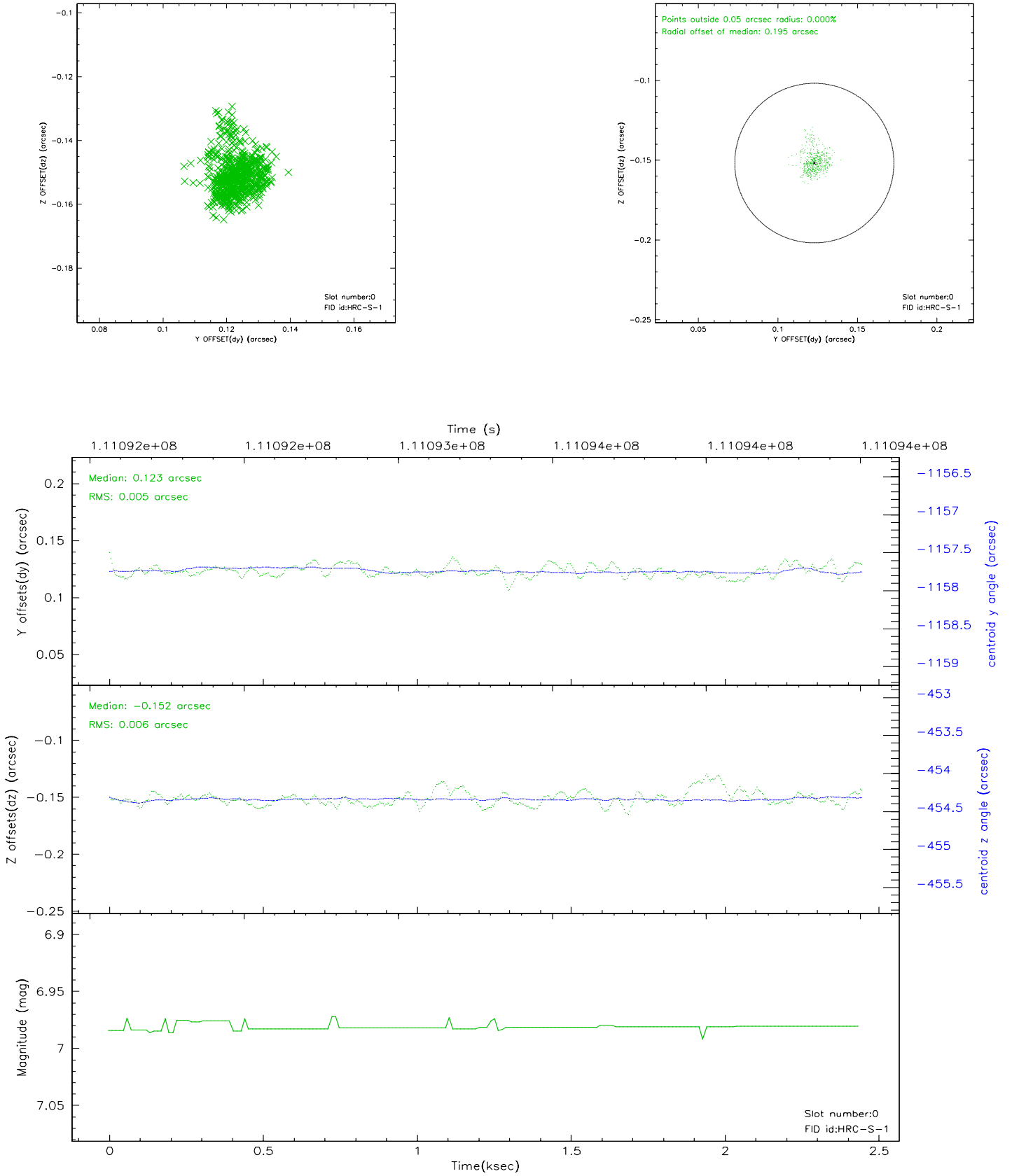


2.4.5 Slot 7

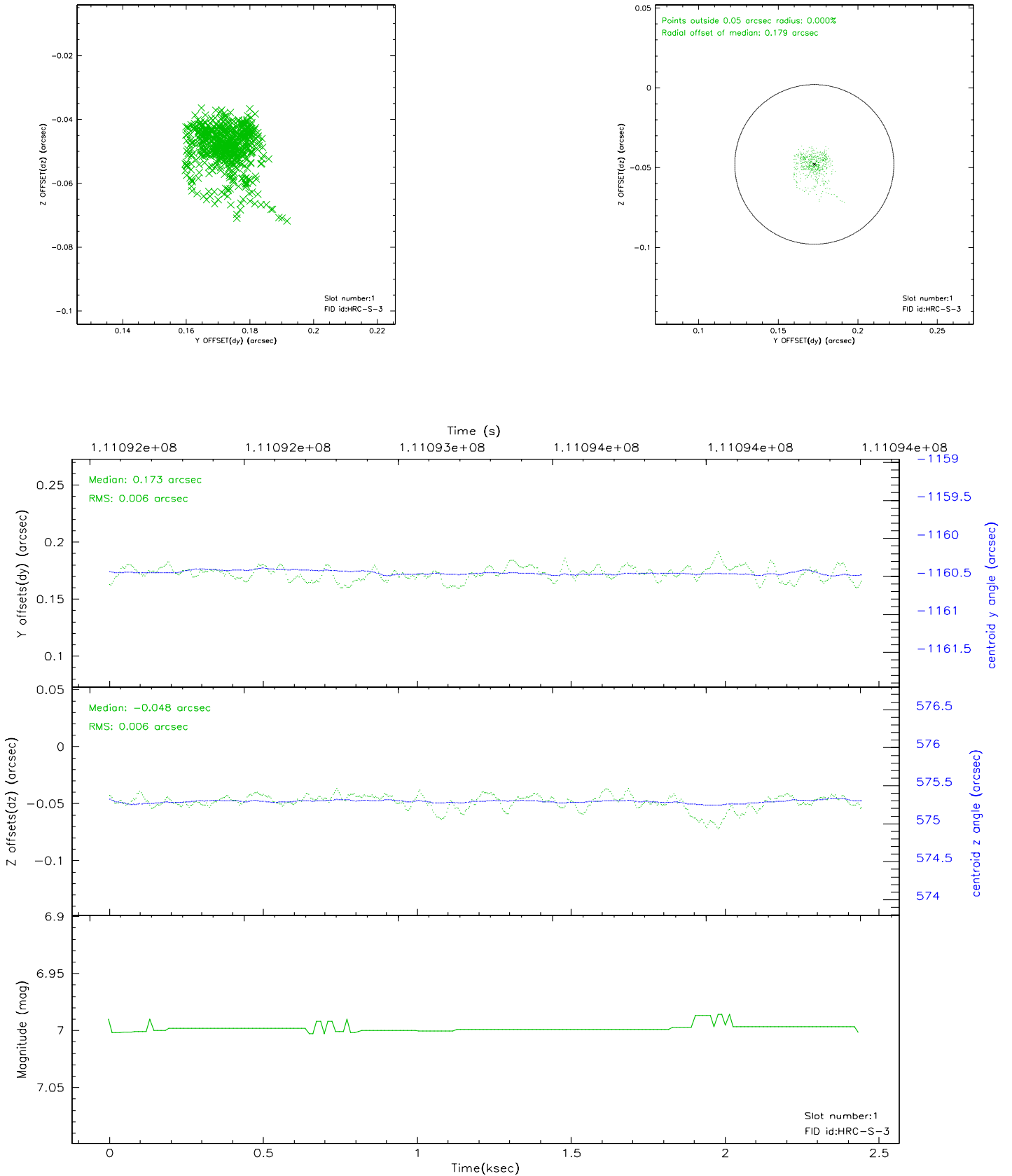


2.5 FID Slots

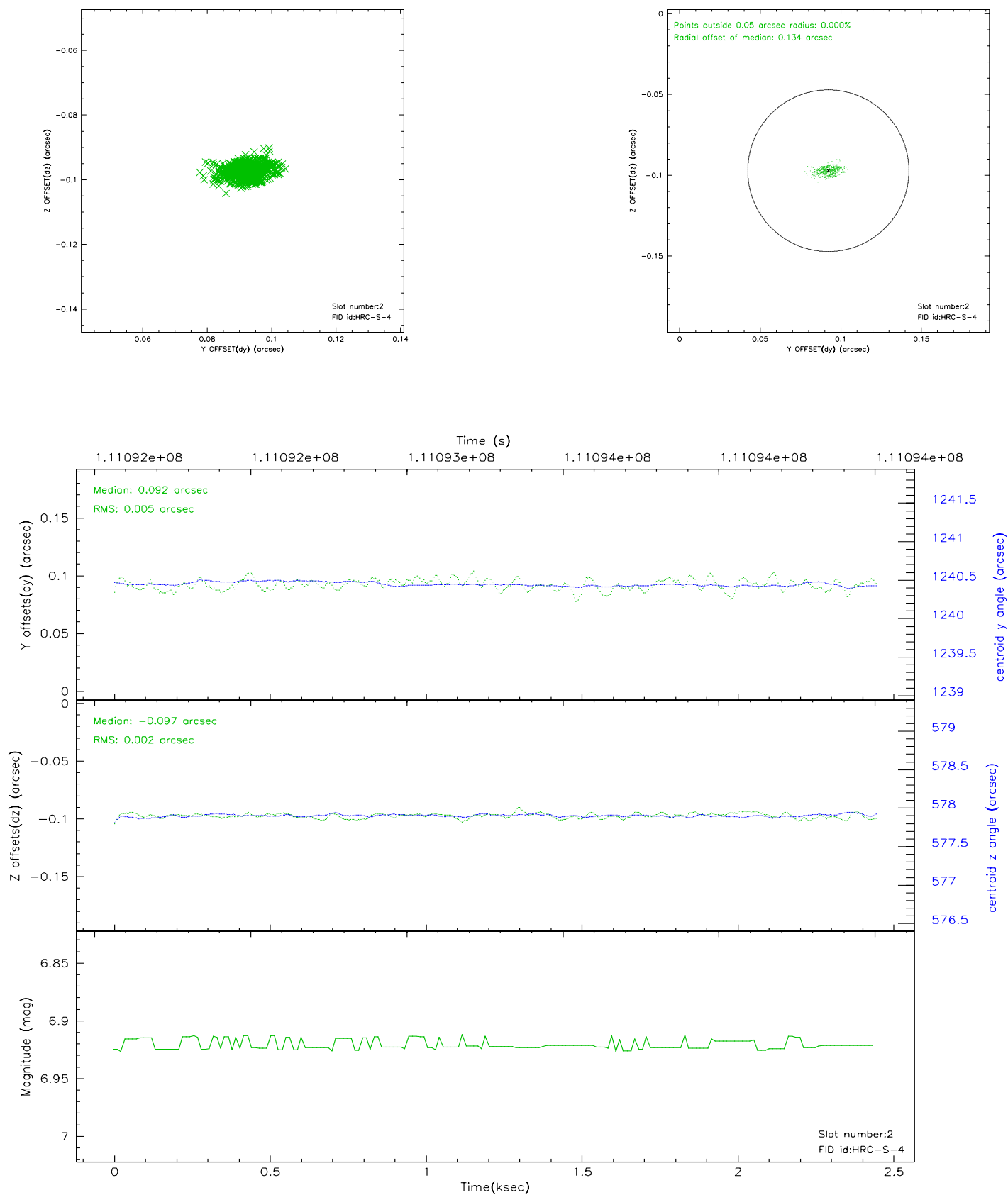
2.5.1 Slot 0



2.5.2 Slot 1

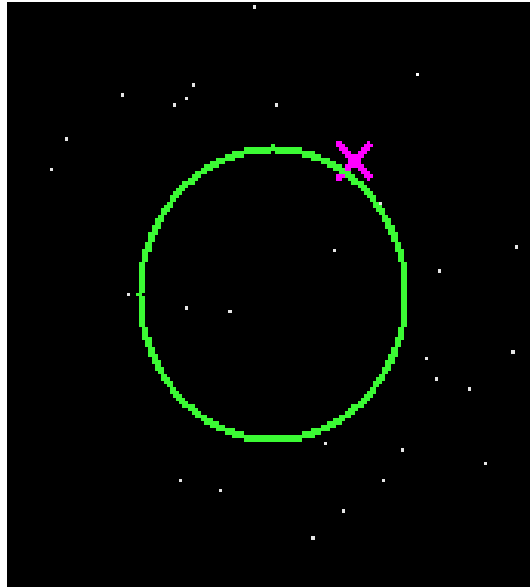


2.5.3 Slot 2

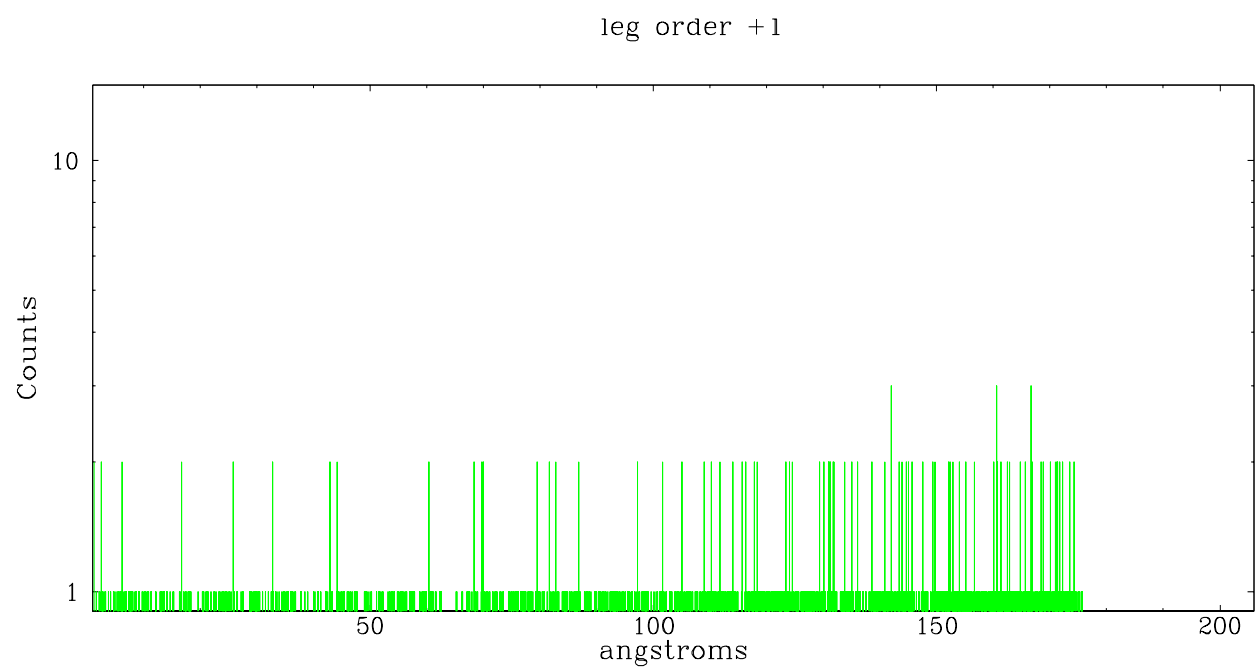
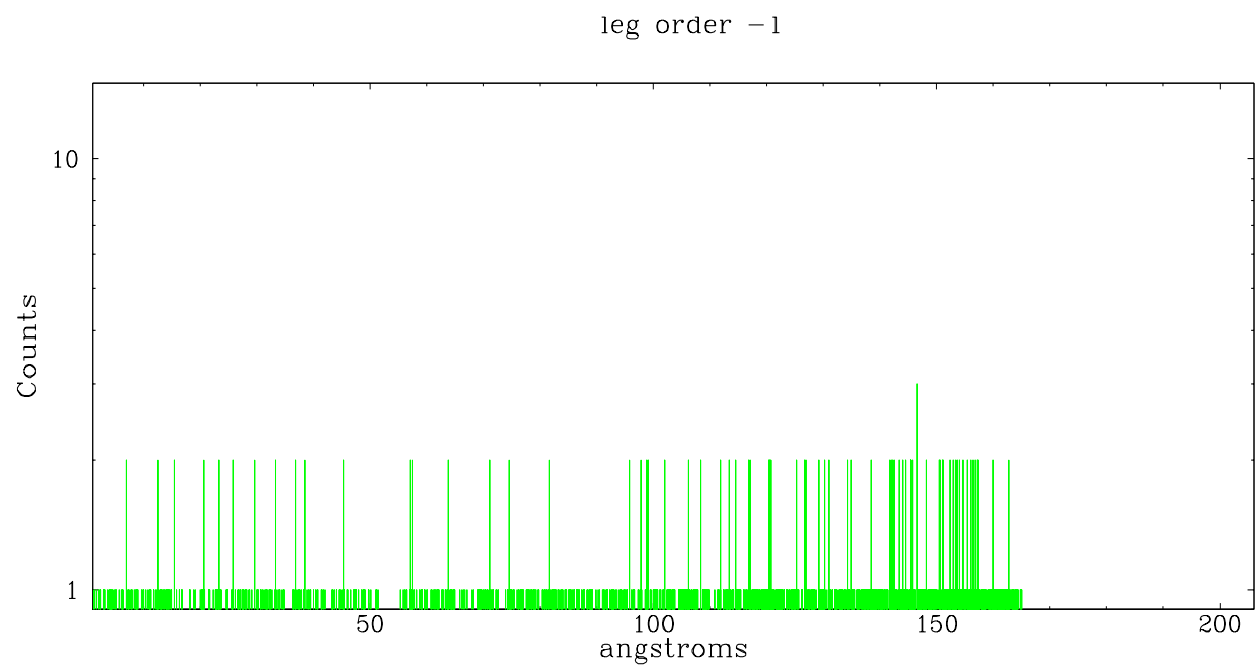


3 Gratings

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	2.436

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.