

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 1819 - L2 Version 001
Chandra X-Ray Center

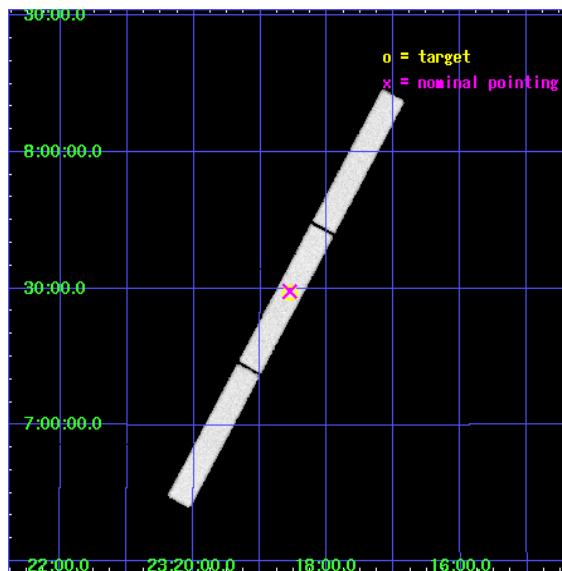
L2 Processing Date : Dec 11 2006

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1 Front

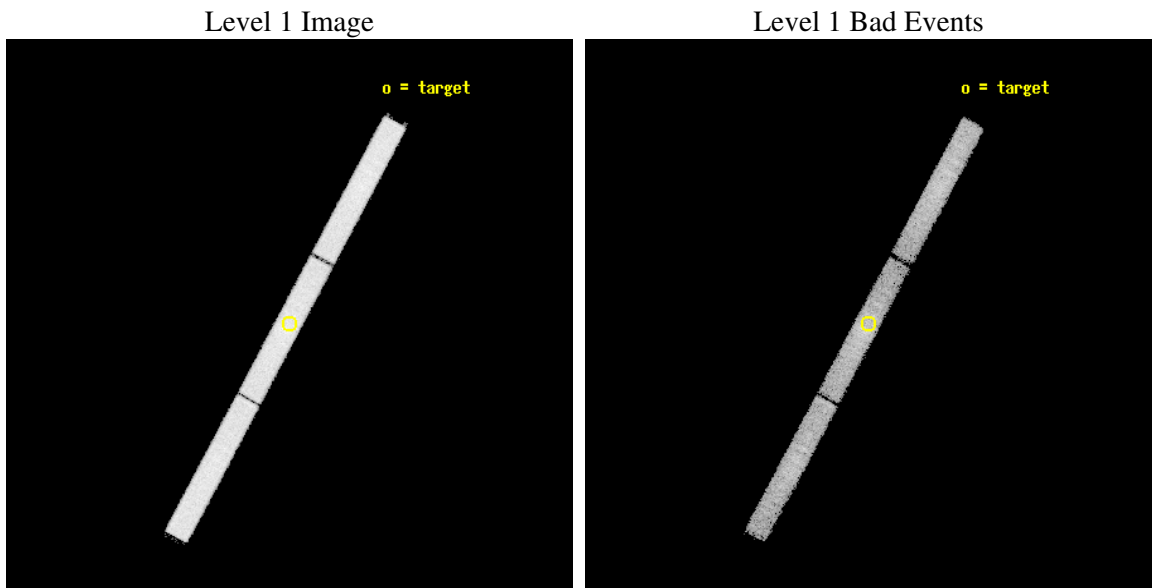
seq_num	100008
obs_id	1819
title	SOLVING THE PUZZLE OF COMETARY X-RAY ORIGIN: OBSERVATIONS OF COMET 10P/TEMPEL 2
observer	DR W. THOMAS VESTRAND
object	LINEAR 2001 A2
ra_targ	349.640849
dec_targ	7.486111
ra_nom	349.63892339672
dec_nom	7.4900489534282
roll_nom	118.11757282113
revision	2
ontime	2297.281339854
livetime	2281.4276239684
l2events	134865



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	2006-12-11T21:06:19
revision	2

sched_exp_time	2150.000000
ontime	2349.5563419014
l1events	234722

2.1.3 Events

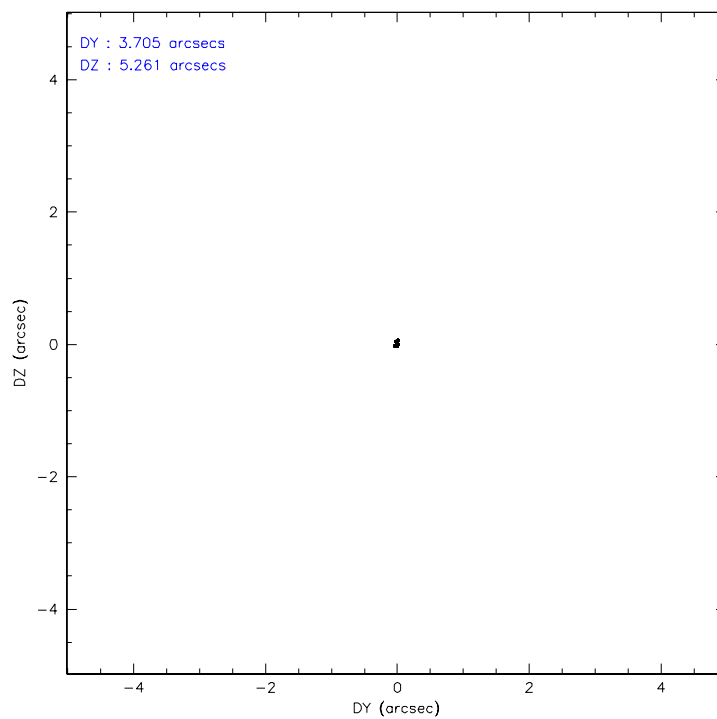
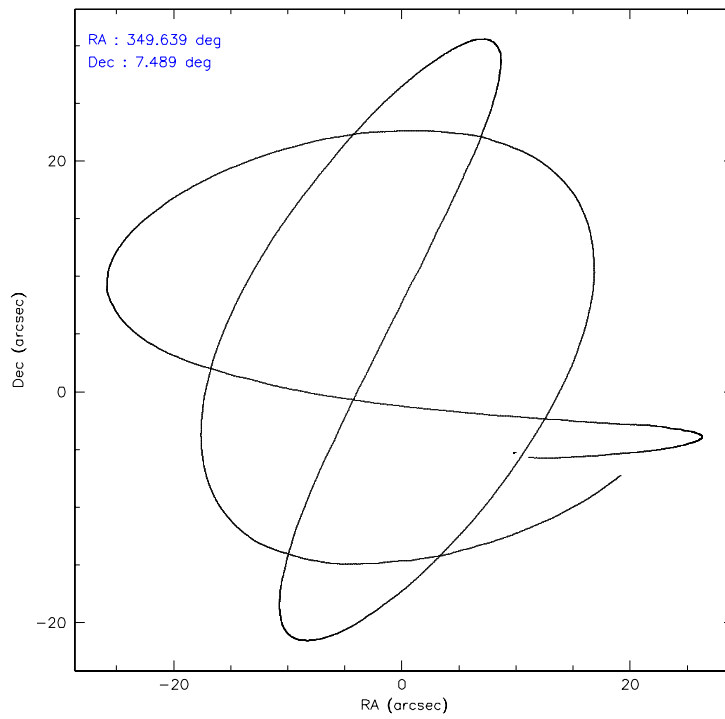
Level 1 Events

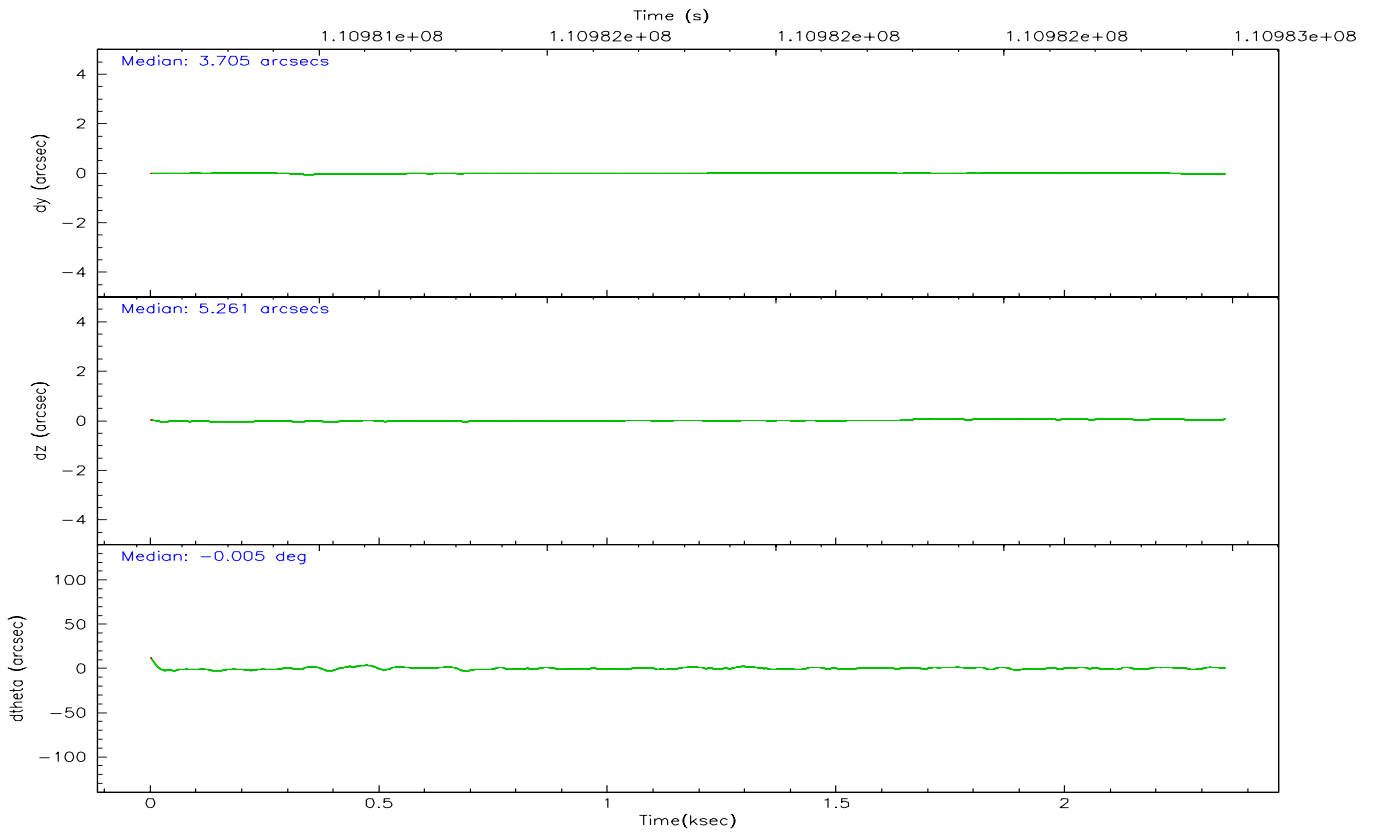
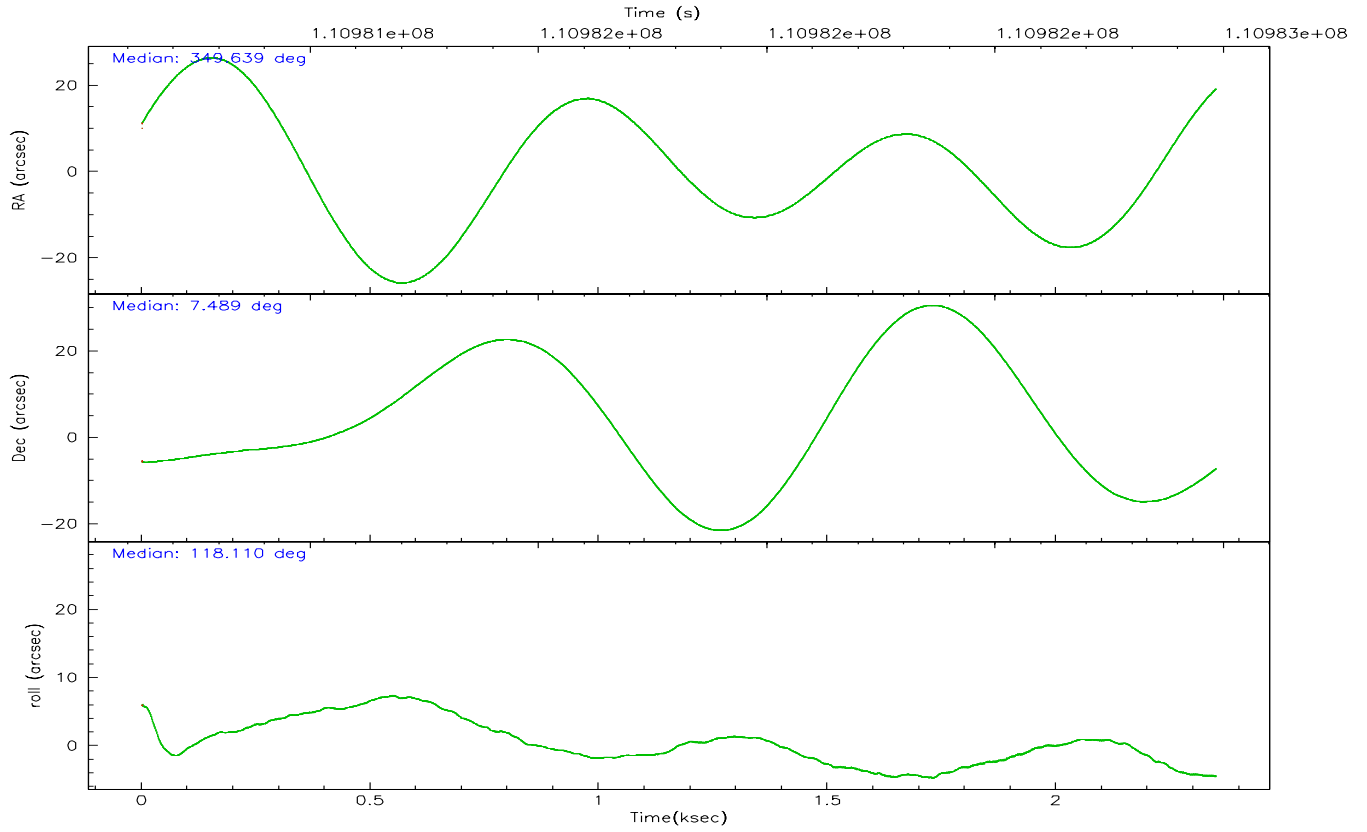
	segment 1	segment 2	segment 3
level 1 events	78185	77039	79498
rejected events	25886	26838	29550
rejected %	33%	34%	37%

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	349.663963	349.6389233967184			
Pointing Dec	7.476420	7.490048953428211			
Pointing Roll	118.046952	118.1175728211332			
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	110980834.184000	110980458.25698			
Observation start date	2001-07-08T11:59:30	2001-07-08T11:54:18			
Observation end time	110982984.184000	110983118.13209			
Observation end date	2001-07-08T12:35:20	2001-07-08T12:38:38			

2.3 Aspect



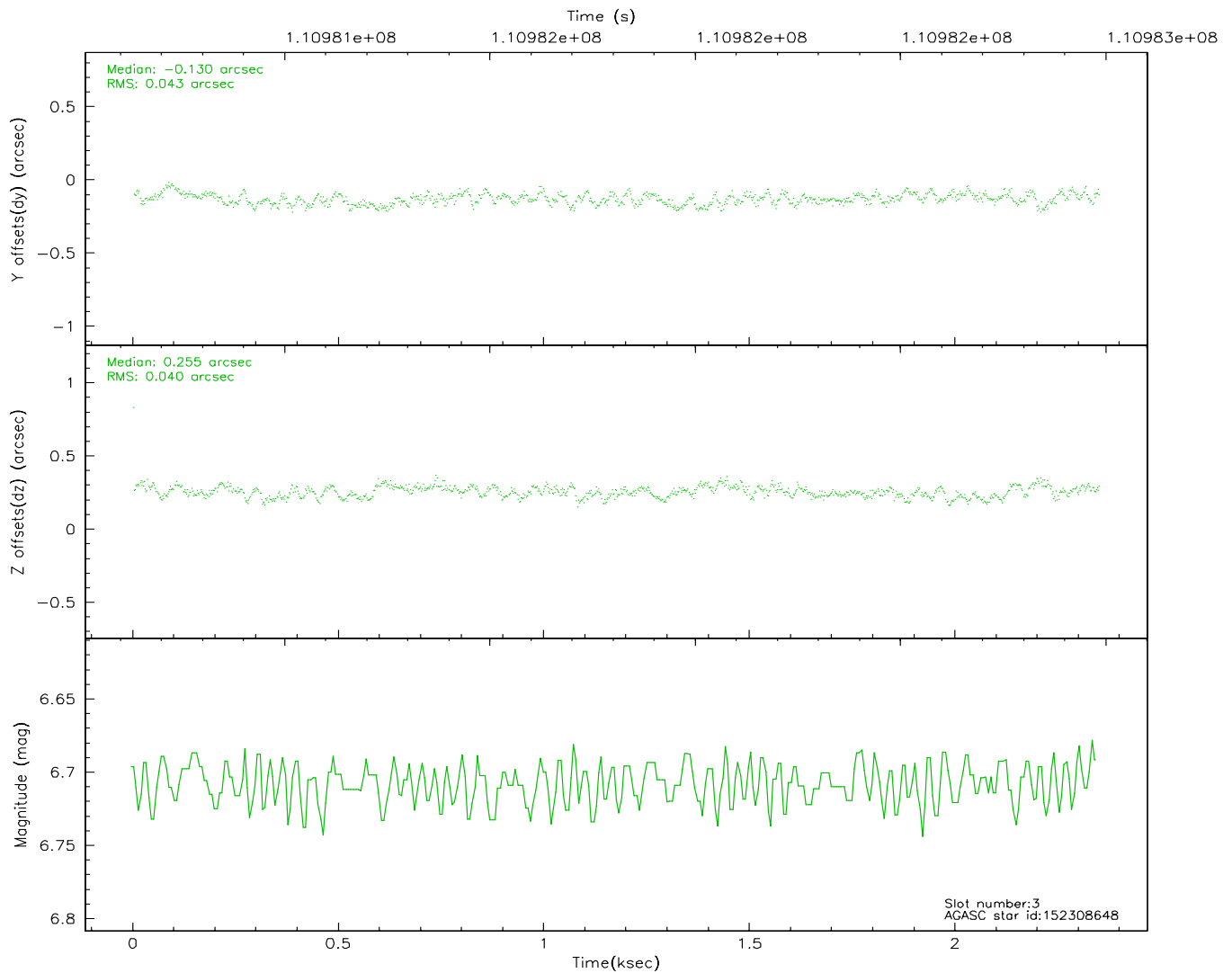
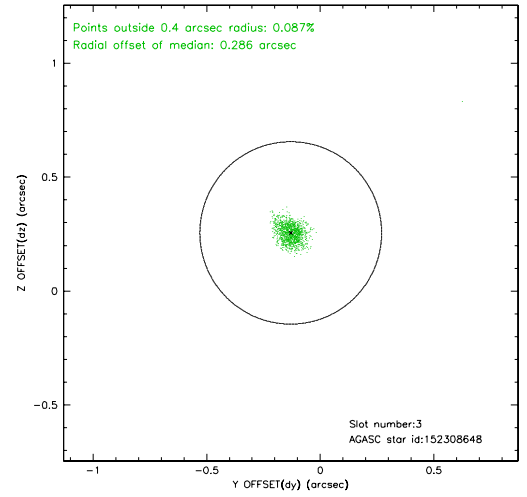
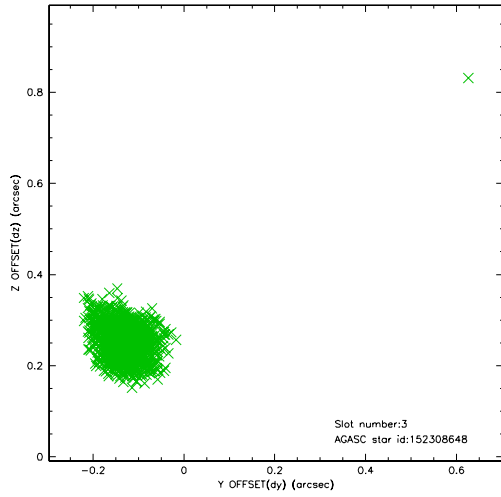


Slot Statistics

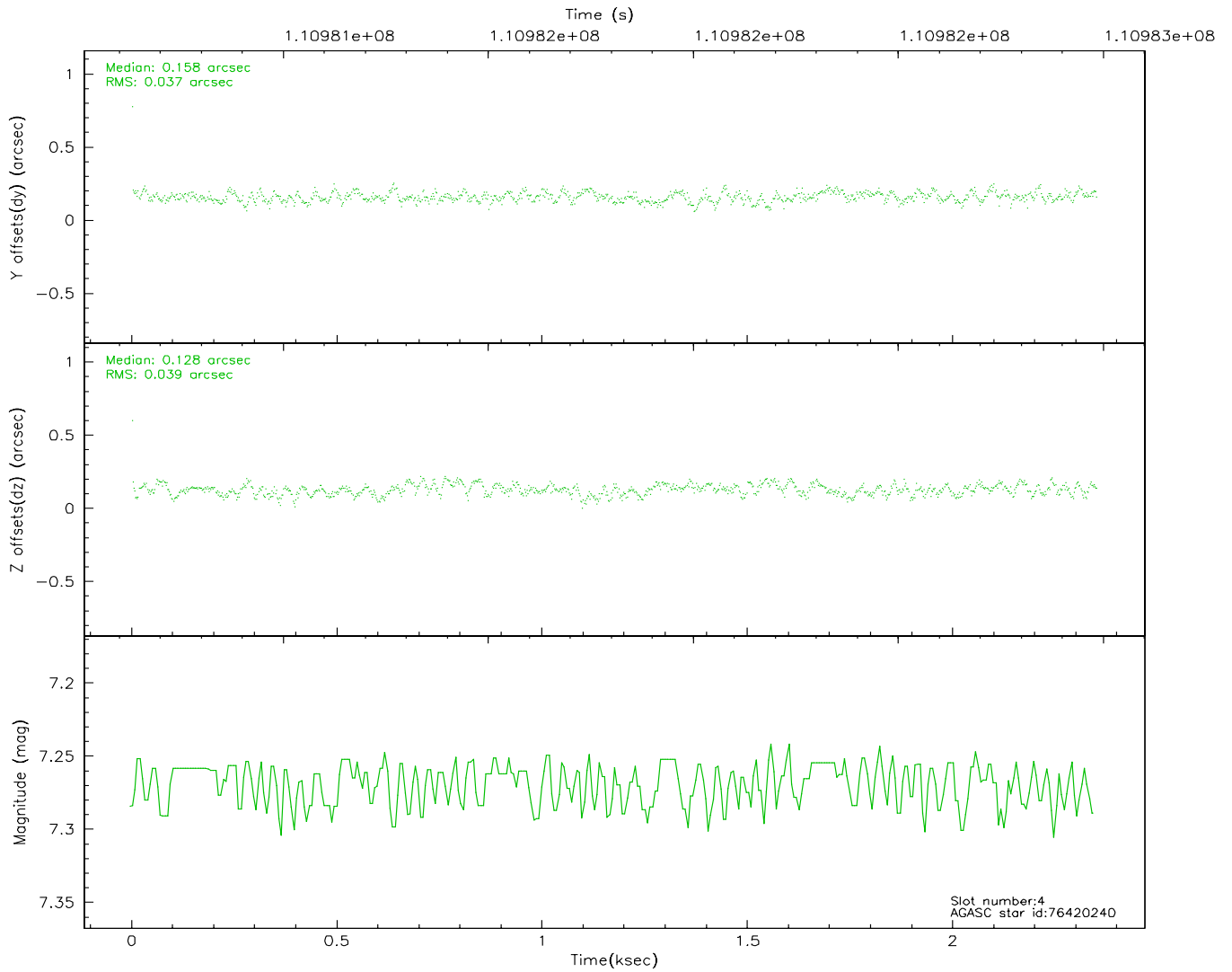
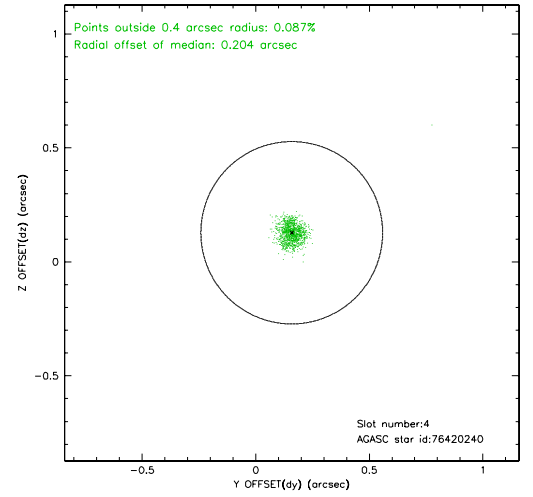
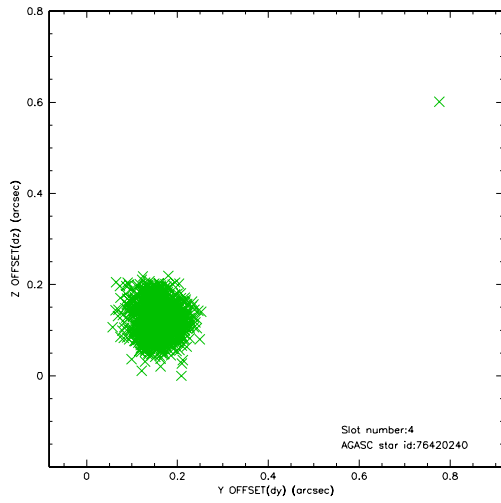
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.00	574	0.138	-0.168	0.006	0.009	0.000000	0.000000	-1157.75	-453.85
1	FID	HRC-S-3	7.02	574	0.162	-0.025	0.007	0.012	0.000000	0.000000	-1162.49	575.03
2	FID	HRC-S-4	6.95	574	0.087	-0.104	0.005	0.008	0.000000	0.000000	1238.41	579.37
3	GUIDE	152308648	6.71	1147	-0.130	0.255	0.055	0.087	349.950276	7.982087	1128.00	-1756.57
4	GUIDE	76420240	7.27	1147	0.158	0.128	0.054	0.081	349.834746	7.214951	-1115.42	-97.45
5	GUIDE	152181256	7.77	1147	-0.144	-0.215	0.063	0.097	349.141958	7.580367	1206.73	1467.41
6	GUIDE	152180776	8.42	1146	0.059	0.059	0.055	0.093	349.576658	7.835091	1288.08	-330.91
7	GUIDE	76419040	9.10	1146	0.058	-0.222	0.082	0.137	349.315769	7.117648	-552.80	1704.22

2.4 Star Slots

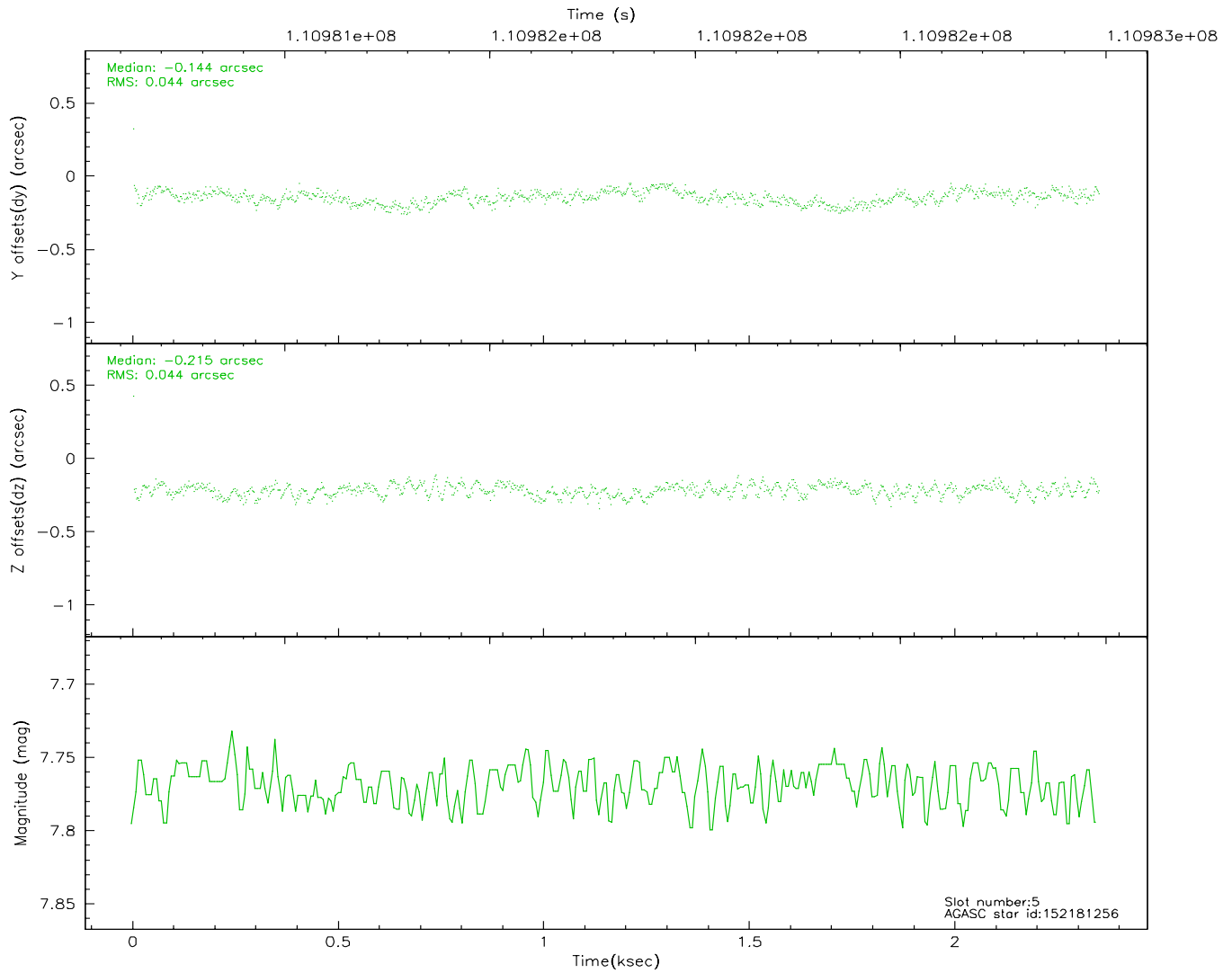
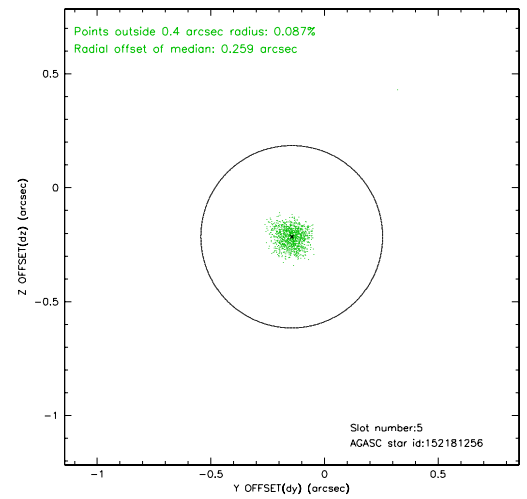
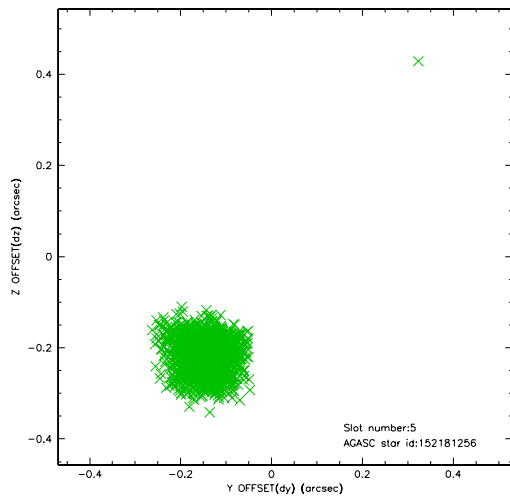
2.4.1 Slot 3



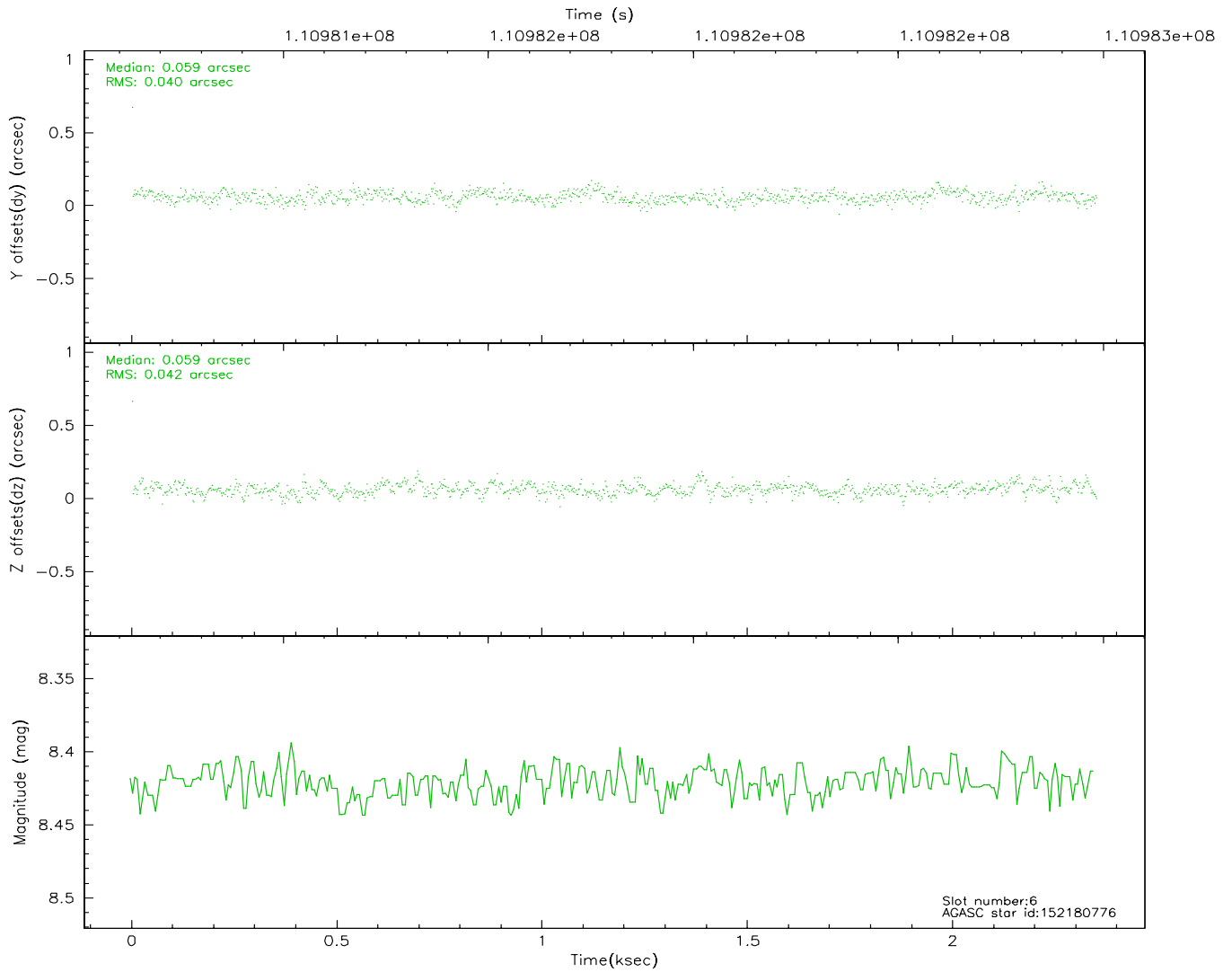
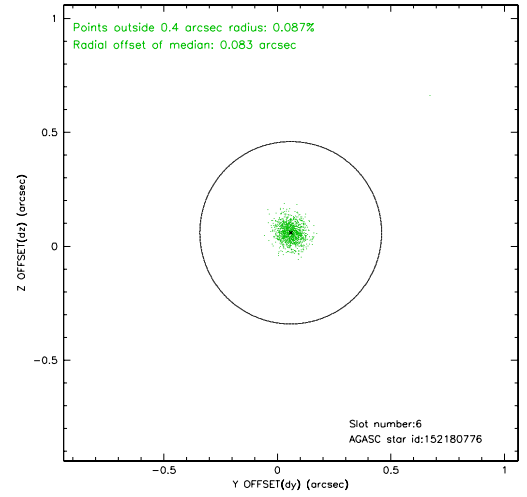
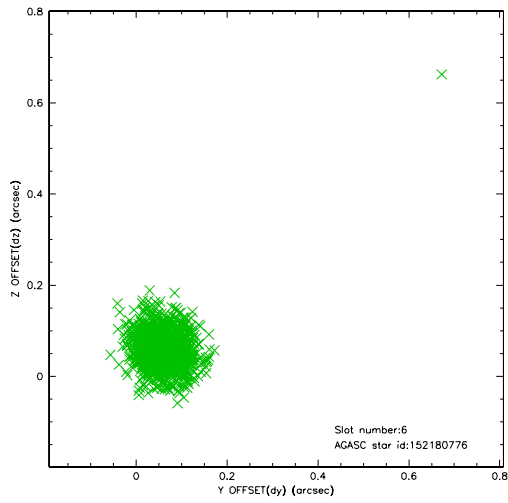
2.4.2 Slot 4



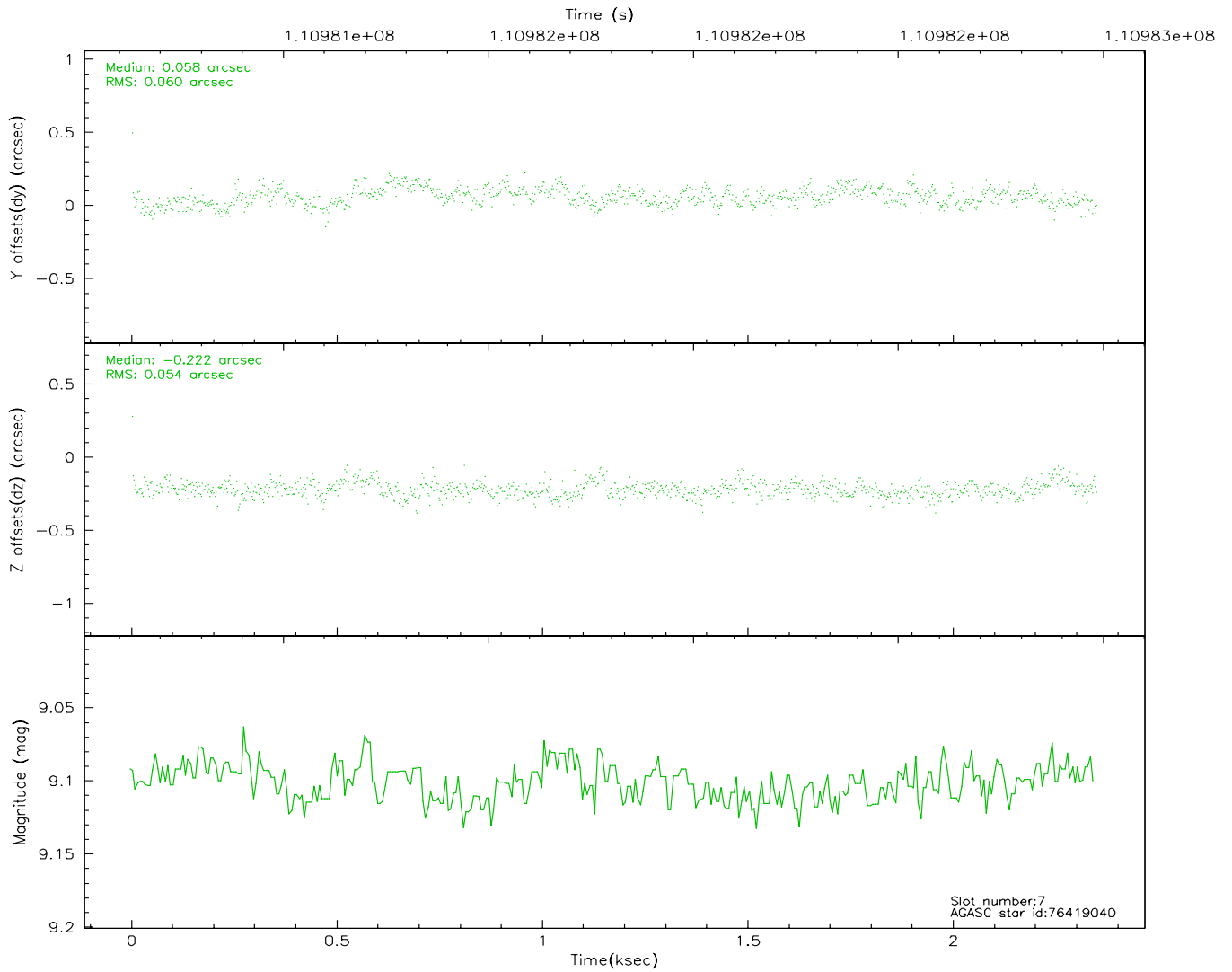
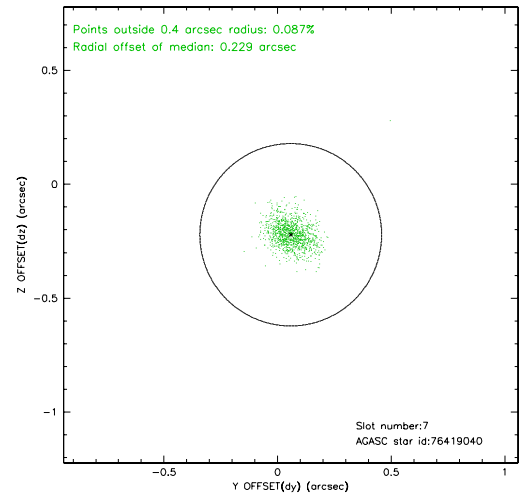
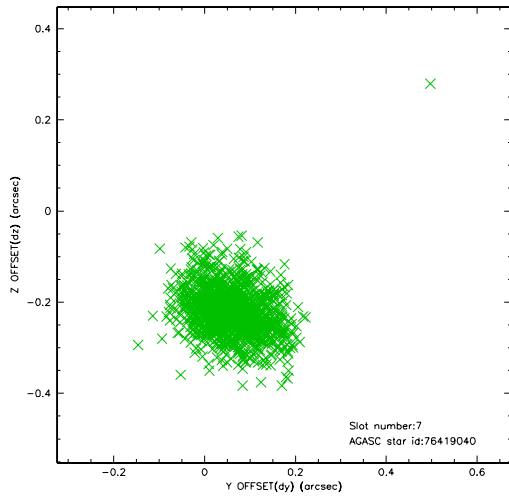
2.4.3 Slot 5



2.4.4 Slot 6

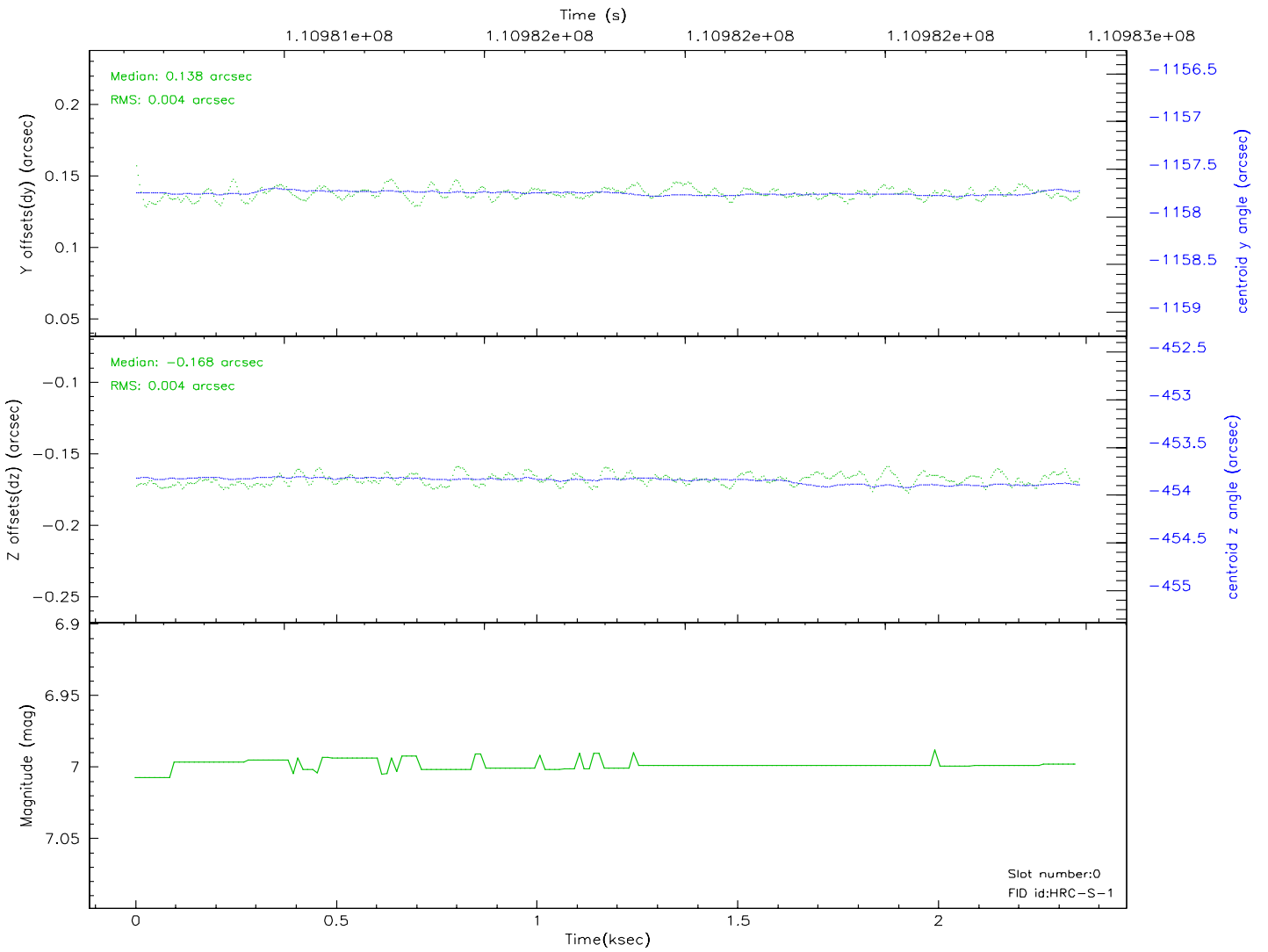
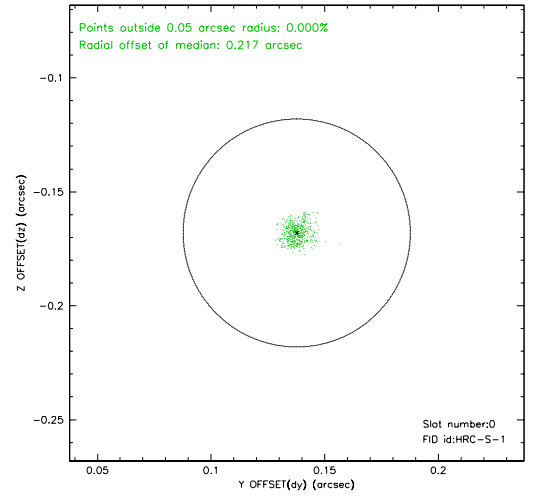
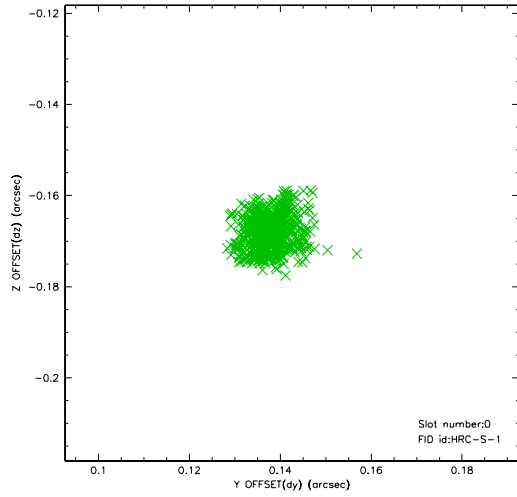


2.4.5 Slot 7

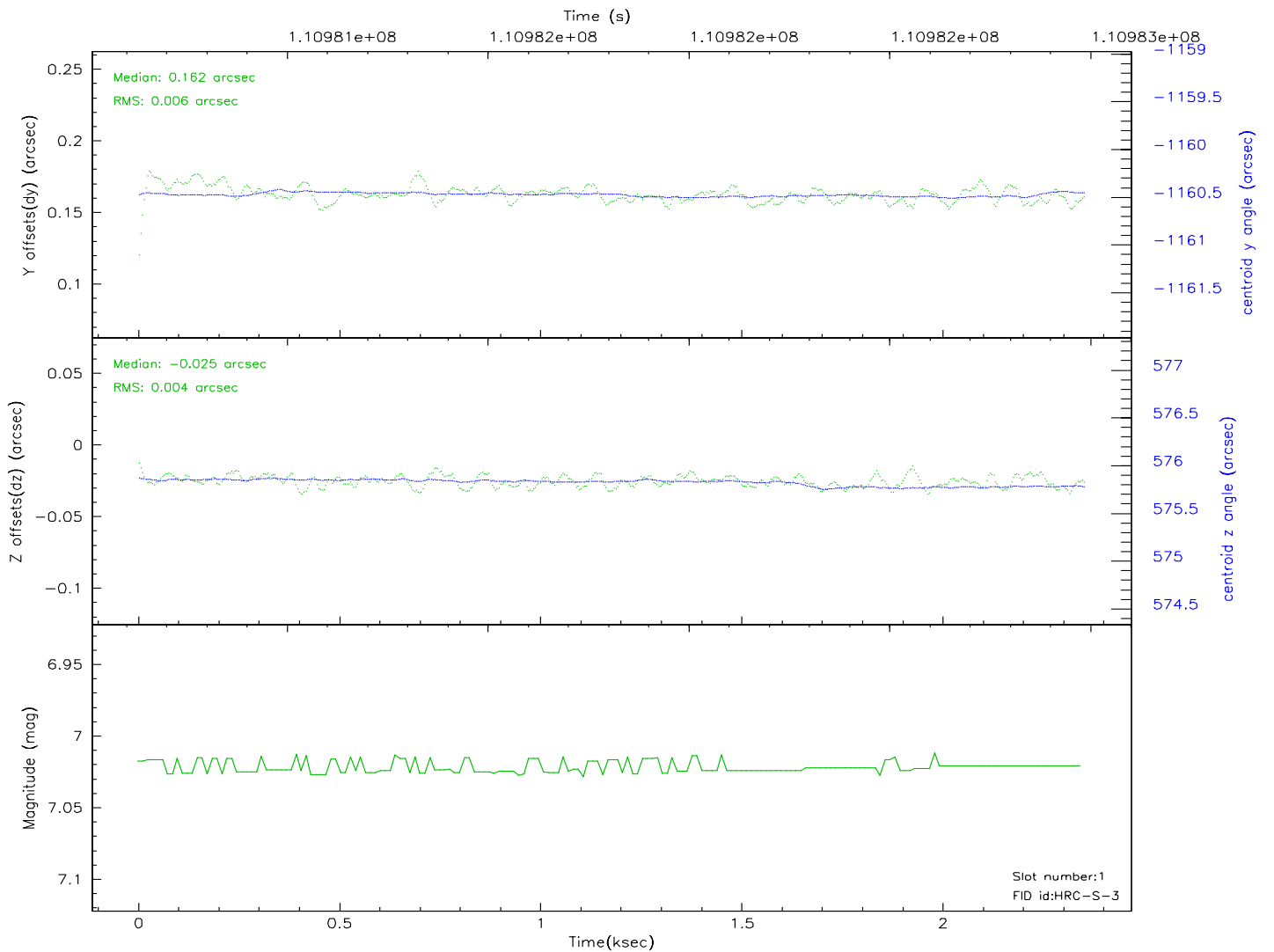
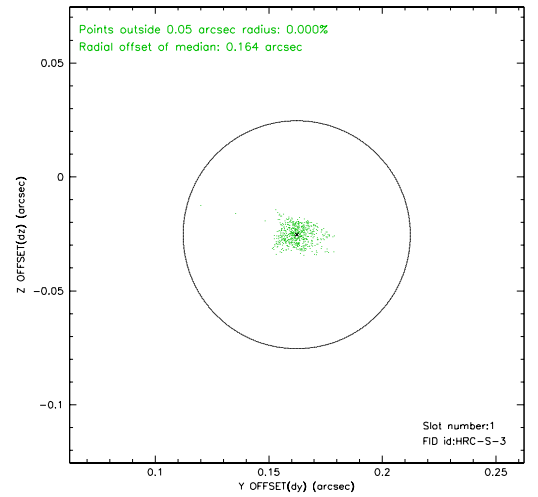
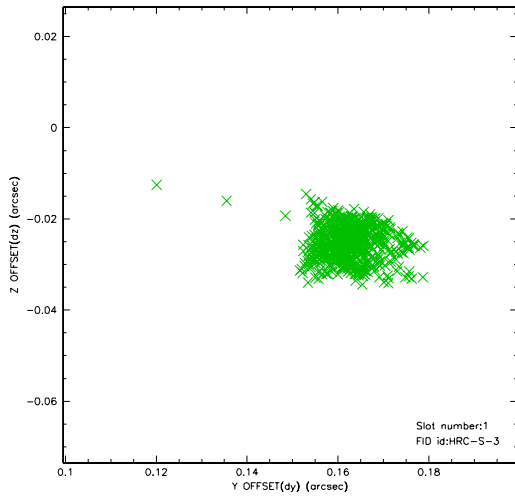


2.5 FID Slots

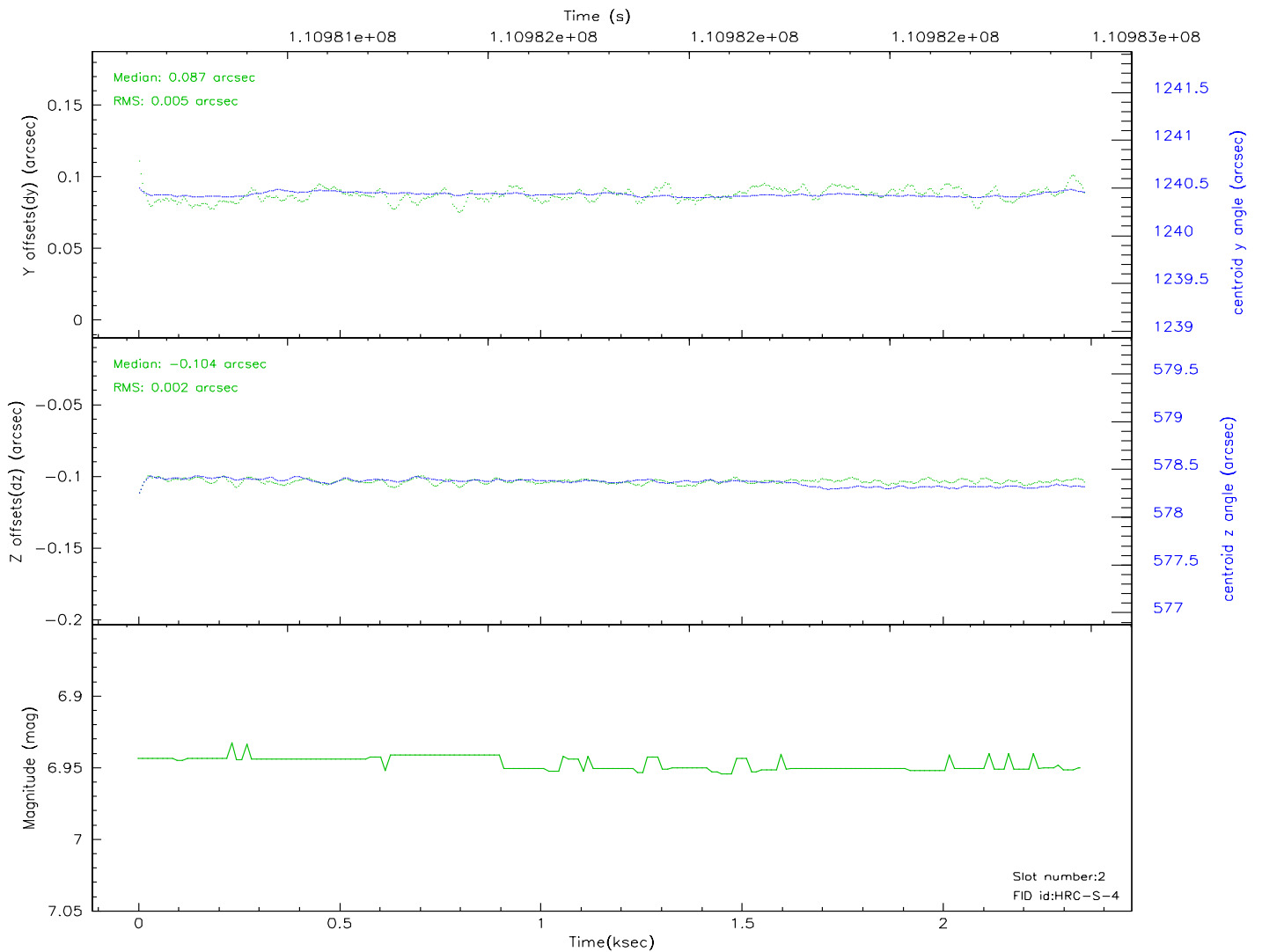
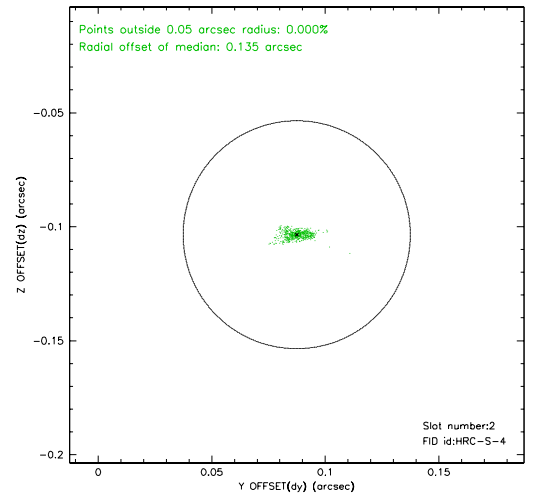
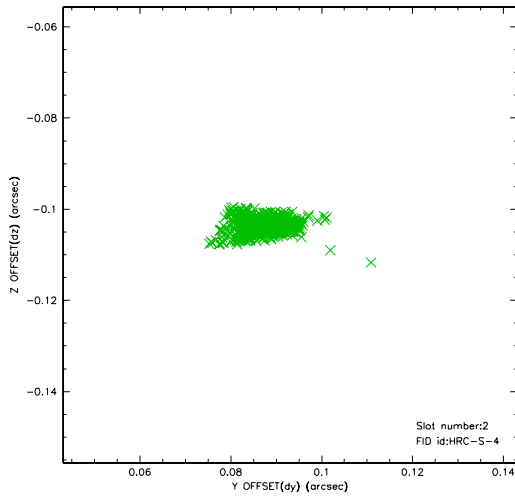
2.5.1 Slot 0



2.5.2 Slot 1

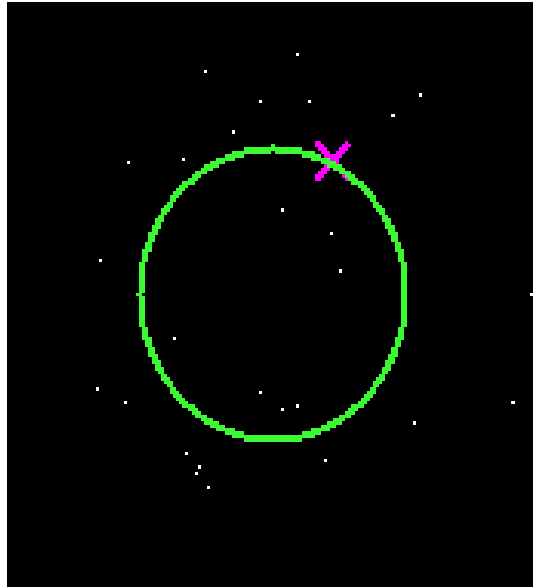


2.5.3 Slot 2



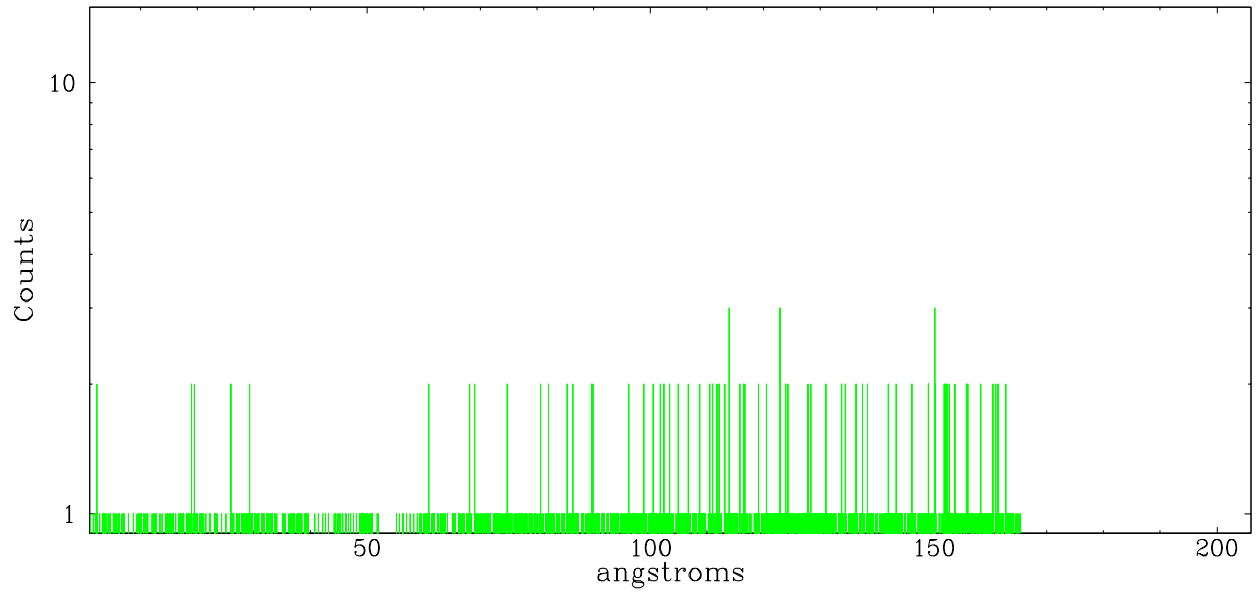
3 Gratings

3.1 LETG Arm

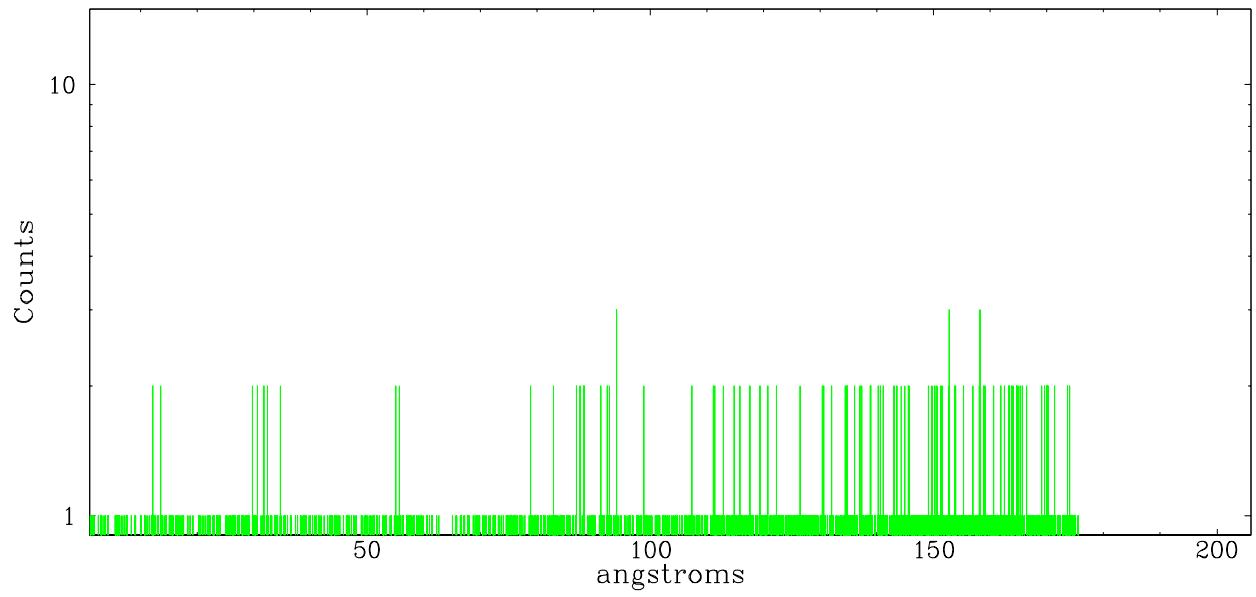


LETG Zero Order

leg order -1



leg order +1



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	2.4

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.