

V&V Reference Report

L2 ASCDS Version : 7.6.11

Observation 597 - L2 Version 3
Chandra X-Ray Center

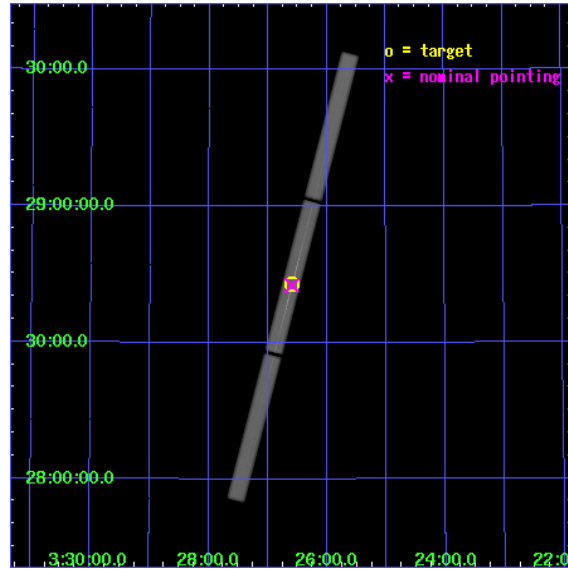
L2 Processing Date : Aug 28 2007

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1 Front

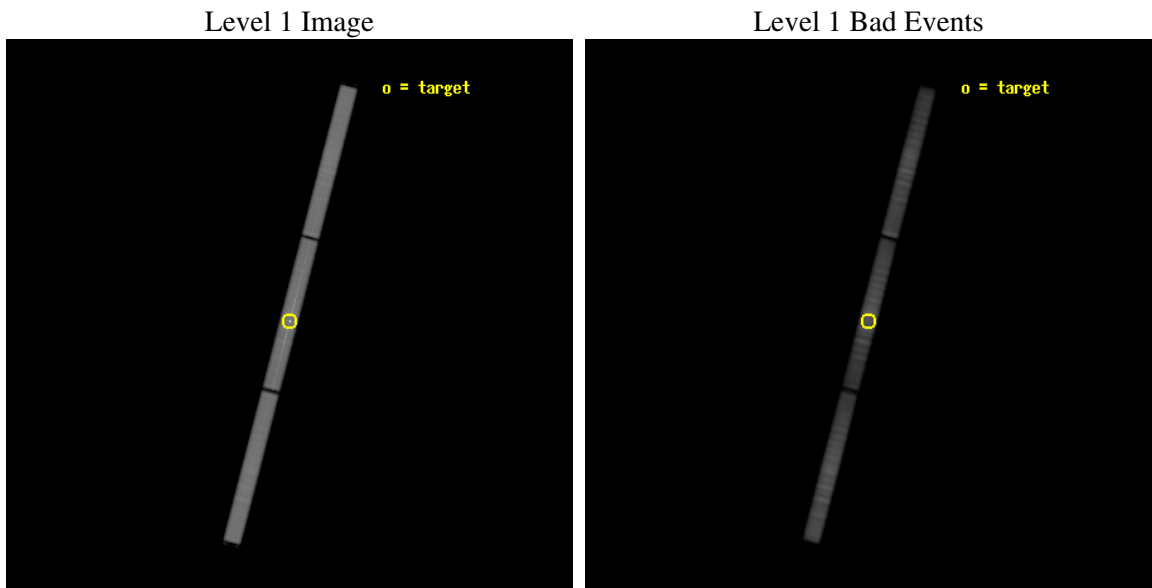
seq_num	200074
obs_id	597
title	HIGH-RESOLUTION SPECTRUM OF UX ARI
observer	DR. ALBERT BRINKMAN
object	UX ARI
ra_targ	51.6475
dec_targ	28.715139
ra_nom	51.648675184585
dec_nom	28.71043879187
roll_nom	284.55383871242
revision	3
ontime	116909.71075314
livetime	116243.9149677
l2events	5051068



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.11
caldbver	3.4.0
date	2007-08-28T20:00:21
revision	3

sched_exp_time	116455.282000
ontime	116909.71075614
l1events	7547192

2.1.3 Events

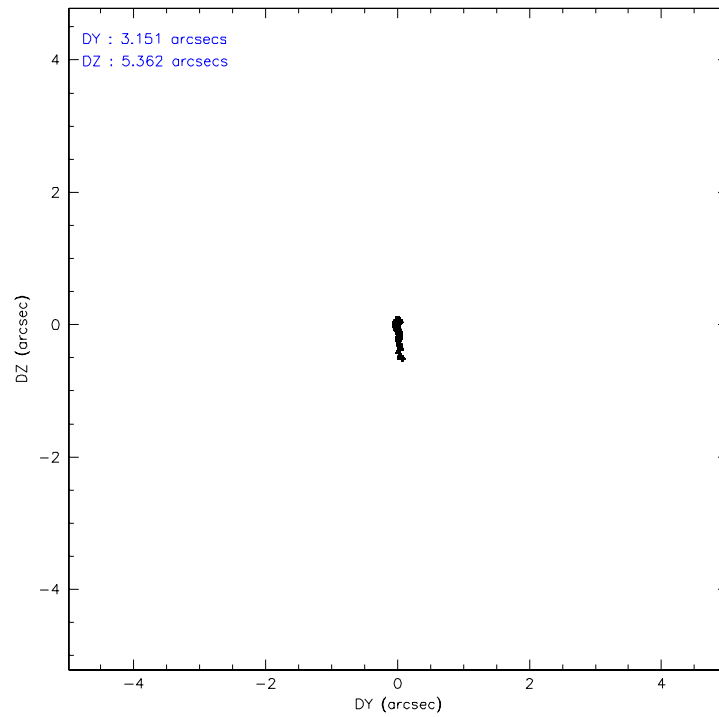
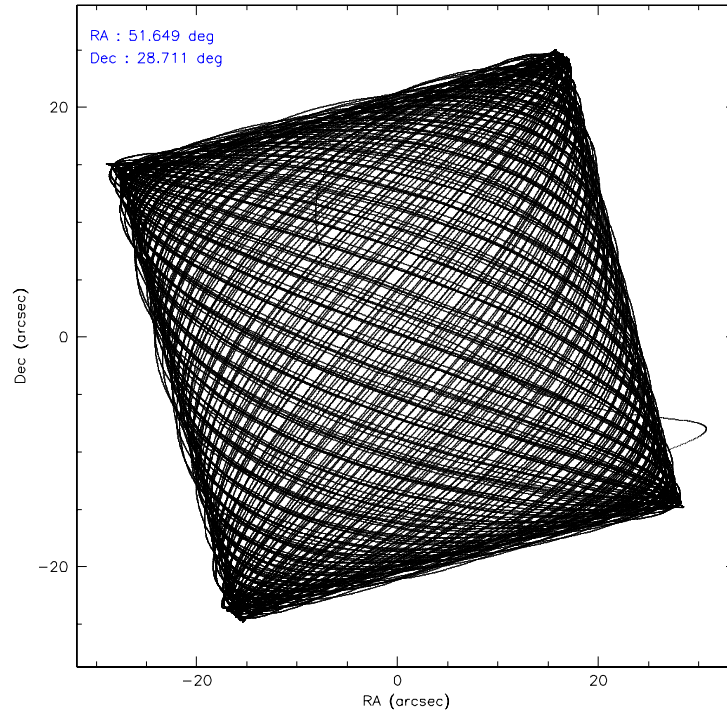
Level 1 Events

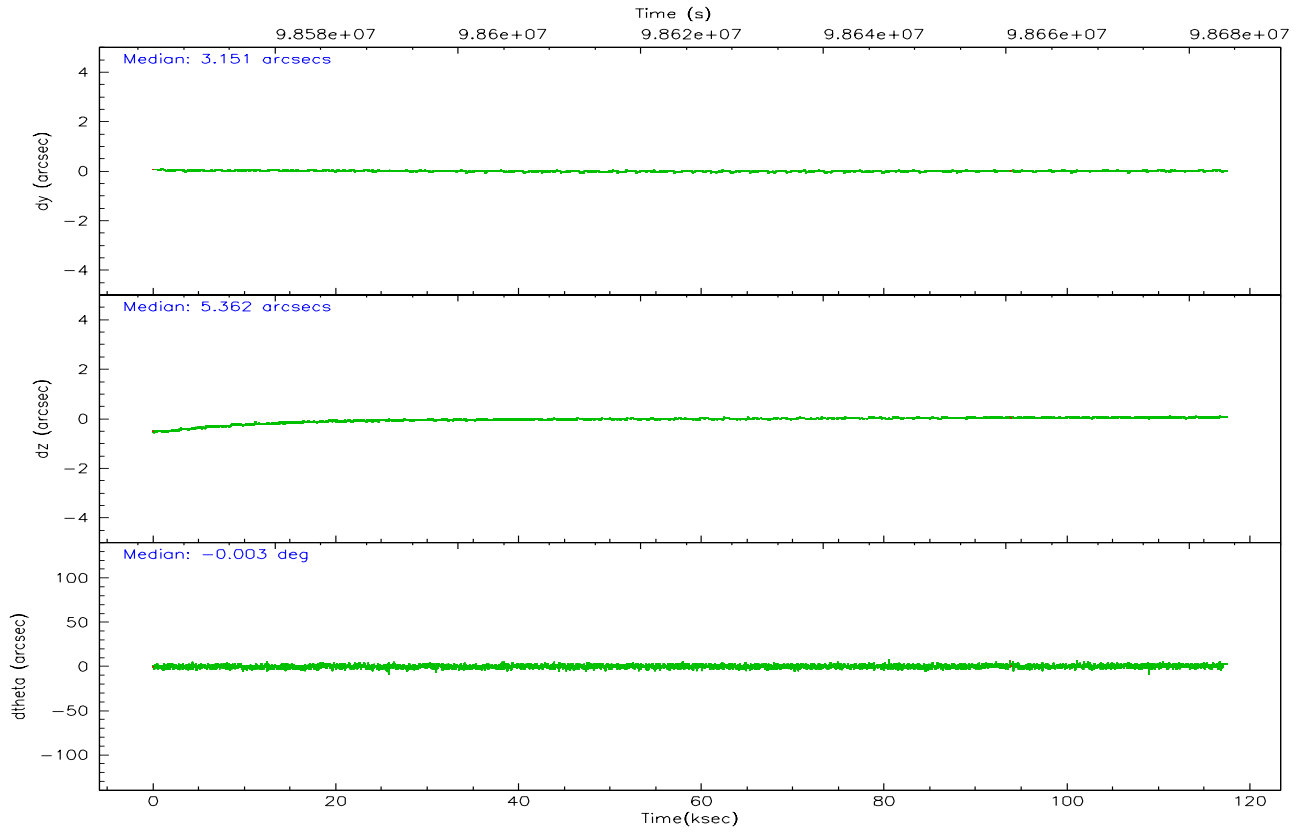
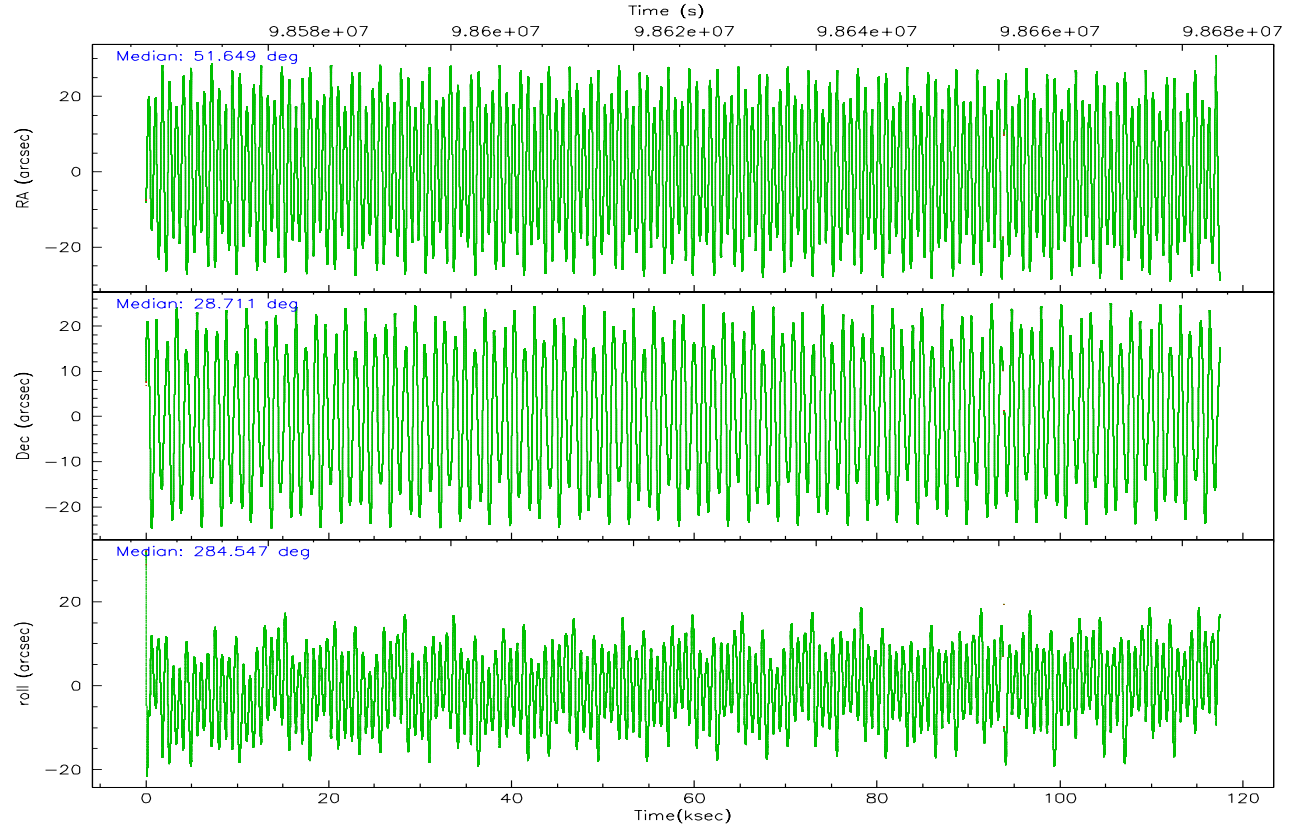
	segment 1	segment 2	segment 3
level 1 events	2499467	2587977	2459748
rejected events	560091	598652	684658
rejected %	22%	23%	27%

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	51.624686	51.64867518458465			
Pointing Dec	28.729937	28.71043879186981			
Pointing Roll	284.498027	284.5538387124165			
Window start time	97718464.184000	97718464.184000			
Window stop time	98582464.184000	98582464.184000			
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	98566823.184000	98566064.700121			
Observation start date	2001-02-14T19:39:19	2001-02-14T19:27:44			
Observation end time	98683279.184000	98684905.254701			
Observation end date	2001-02-16T04:00:15	2001-02-16T04:28:25			

2.3 Aspect



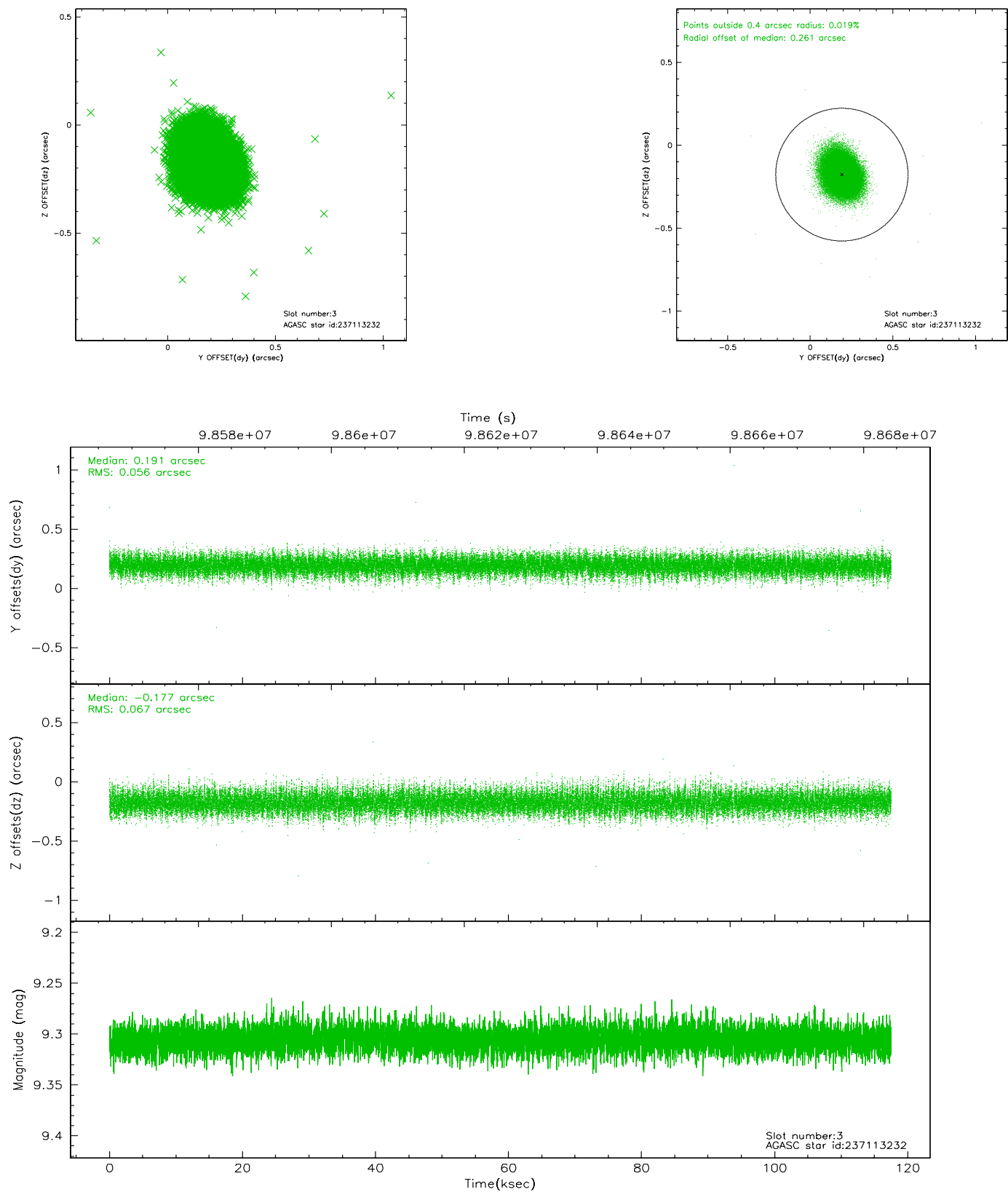


Slot Statistics

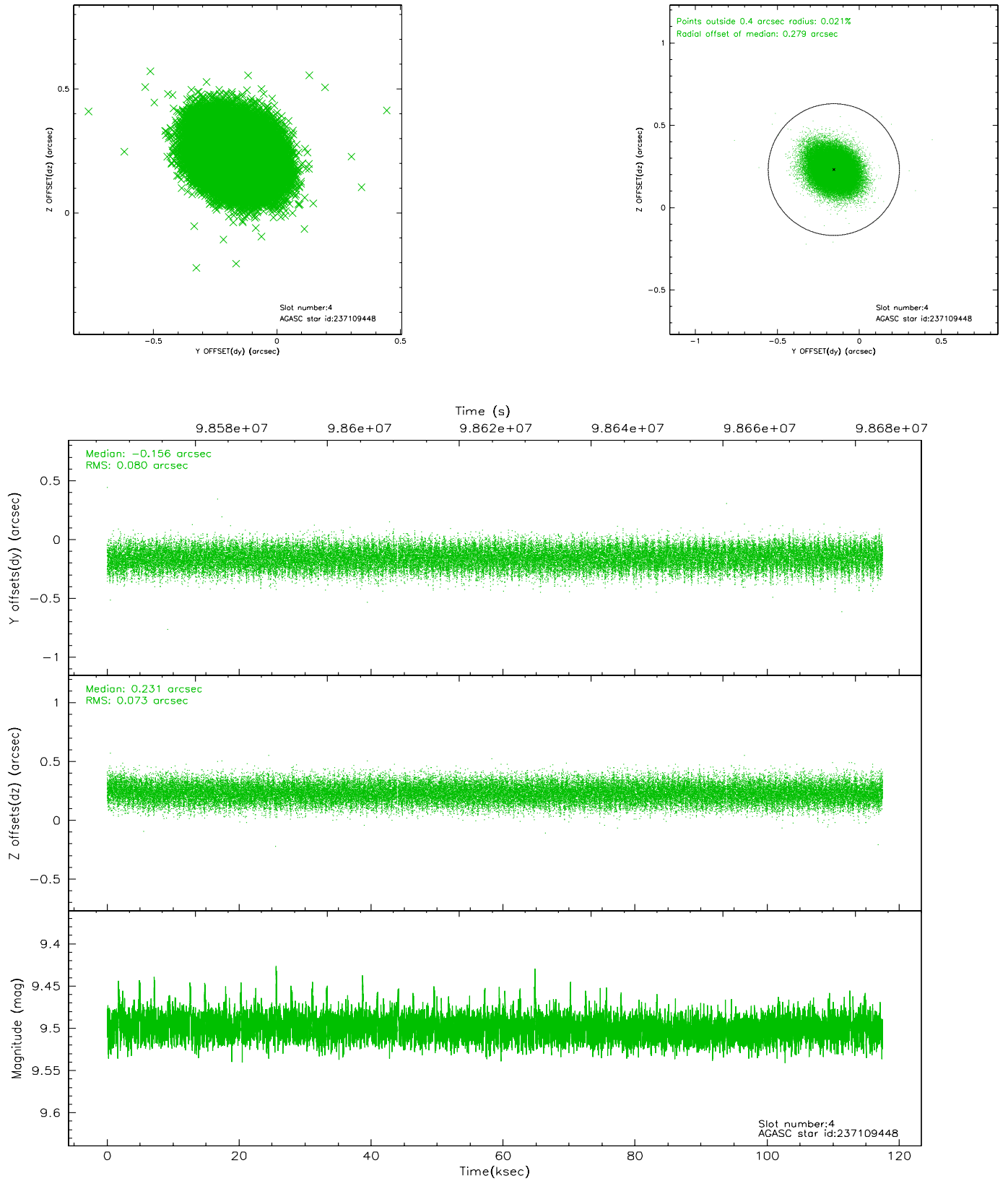
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.97	28535	0.124	-0.154	0.005	0.010	0.000000	0.000000	-1157.22	-453.85
1	FID	HRC-S-3	6.99	28535	0.125	-0.046	0.005	0.010	0.000000	0.000000	-1159.97	575.78
2	OMITTED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00
3	GUIDE	237113232	9.31	57229	0.191	-0.177	0.091	0.151	51.256732	28.716913	-246.12	-1136.18
4	GUIDE	237109448	9.50	57104	-0.156	0.231	0.116	0.183	52.023333	29.446877	-2187.62	1856.72
5	GUIDE	237115456	8.63	57255	-0.010	-0.087	0.075	0.120	51.067324	28.429895	600.98	-1977.67
6	GUIDE	237117144	9.85	57223	0.004	0.059	0.118	0.201	52.009286	28.685079	459.16	1136.12
7	GUIDE	237113488	9.96	57137	-0.030	-0.026	0.116	0.197	51.190590	29.012326	-1327.89	-1068.12

2.4 Star Slots

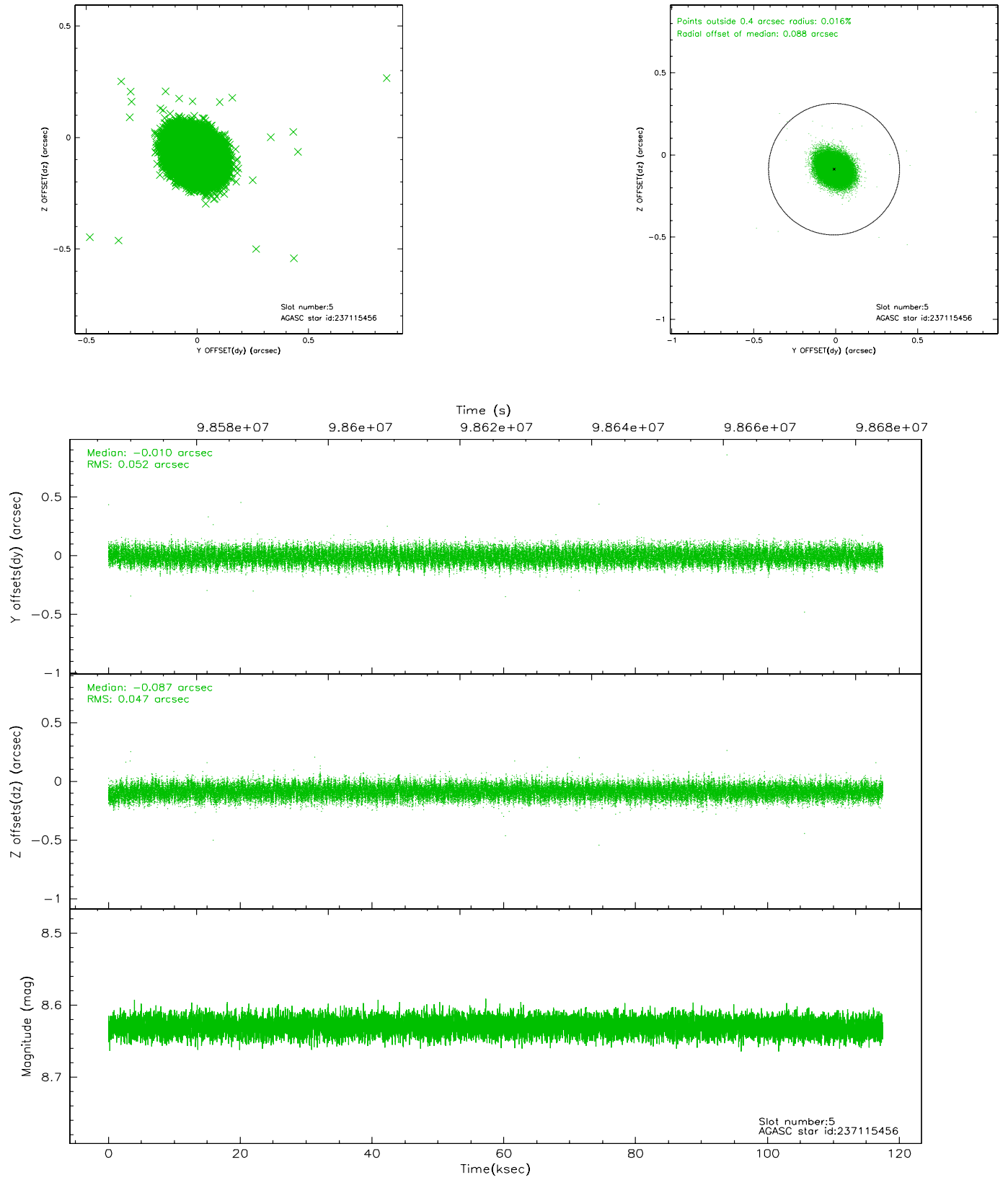
2.4.1 Slot 3



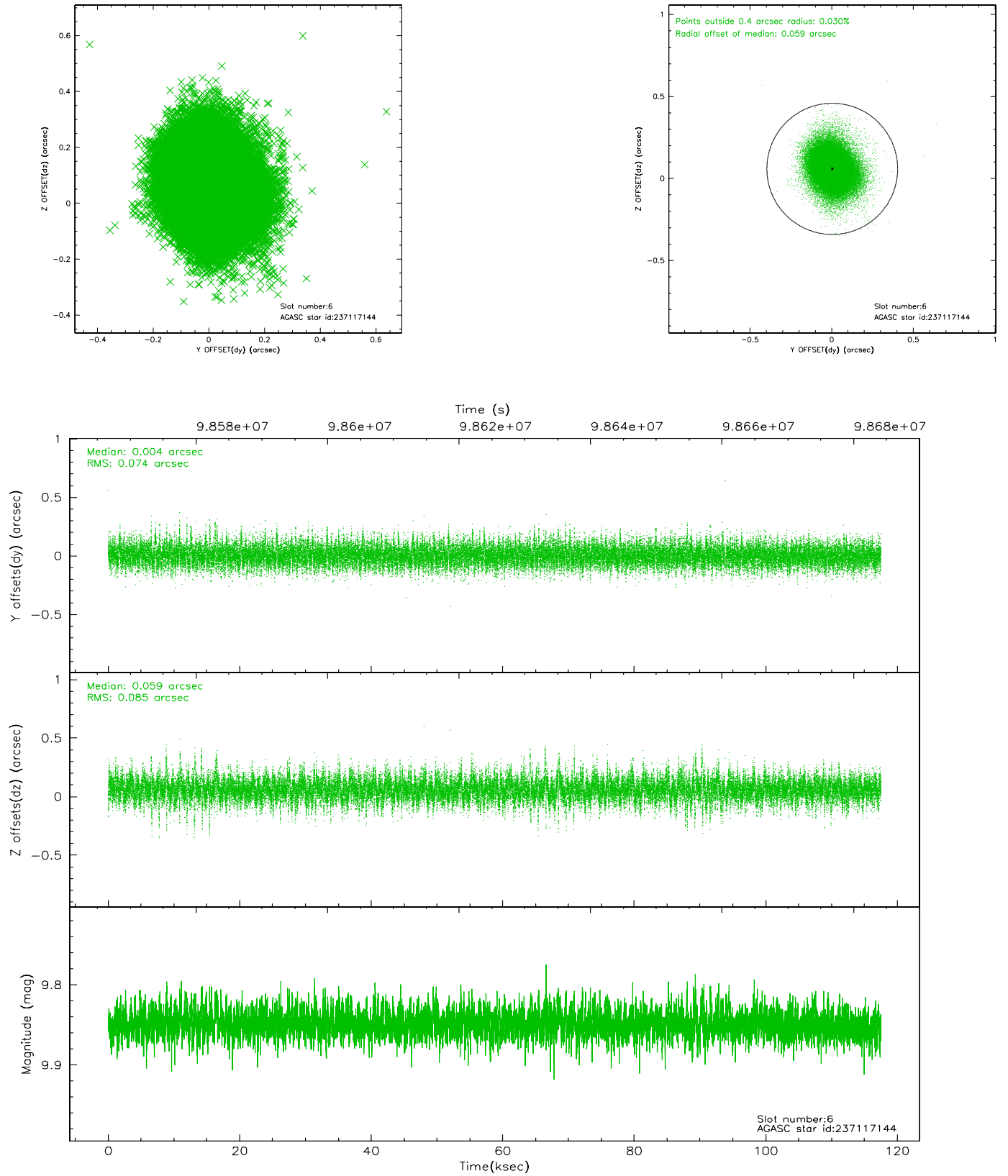
2.4.2 Slot 4



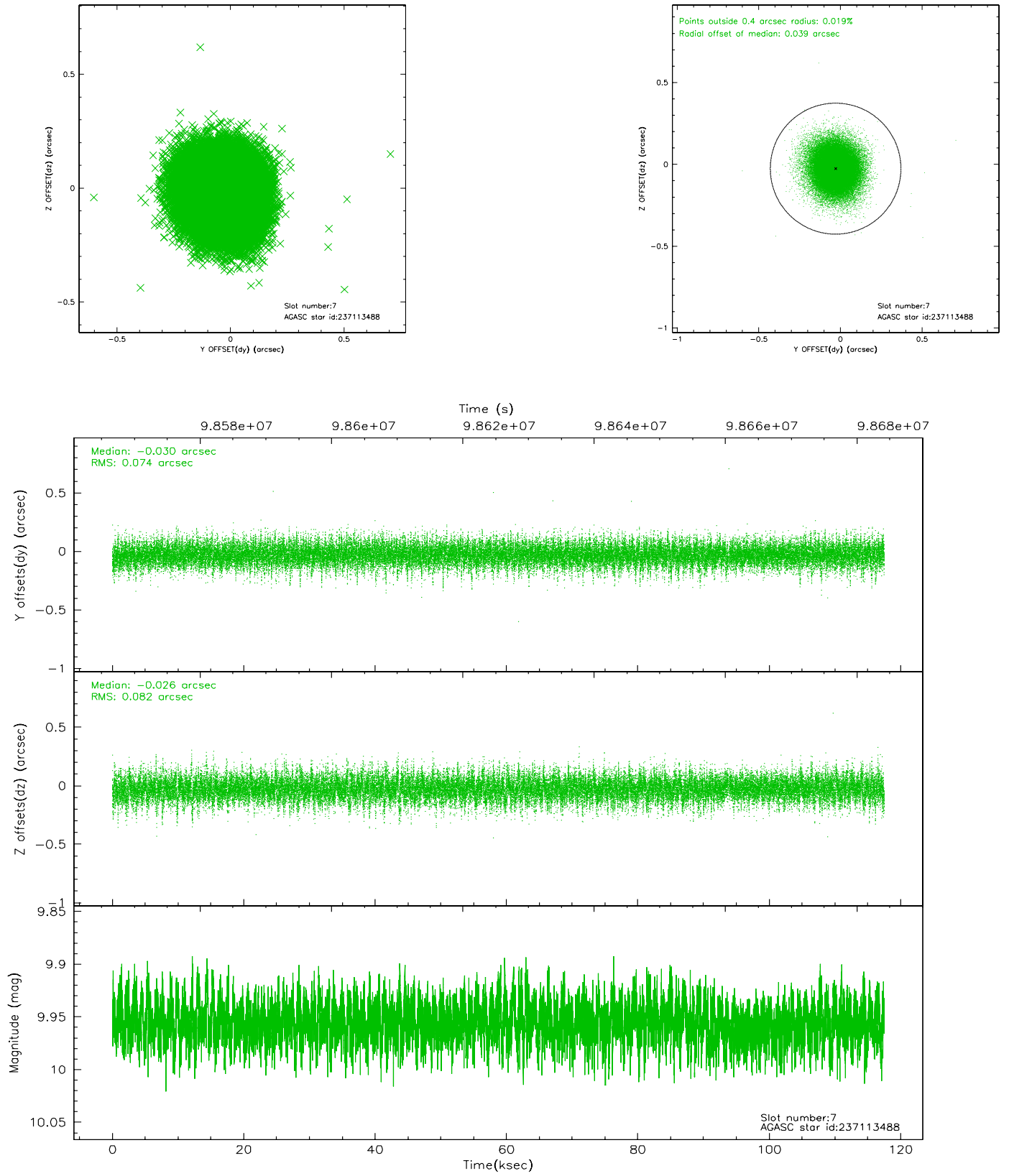
2.4.3 Slot 5



2.4.4 Slot 6

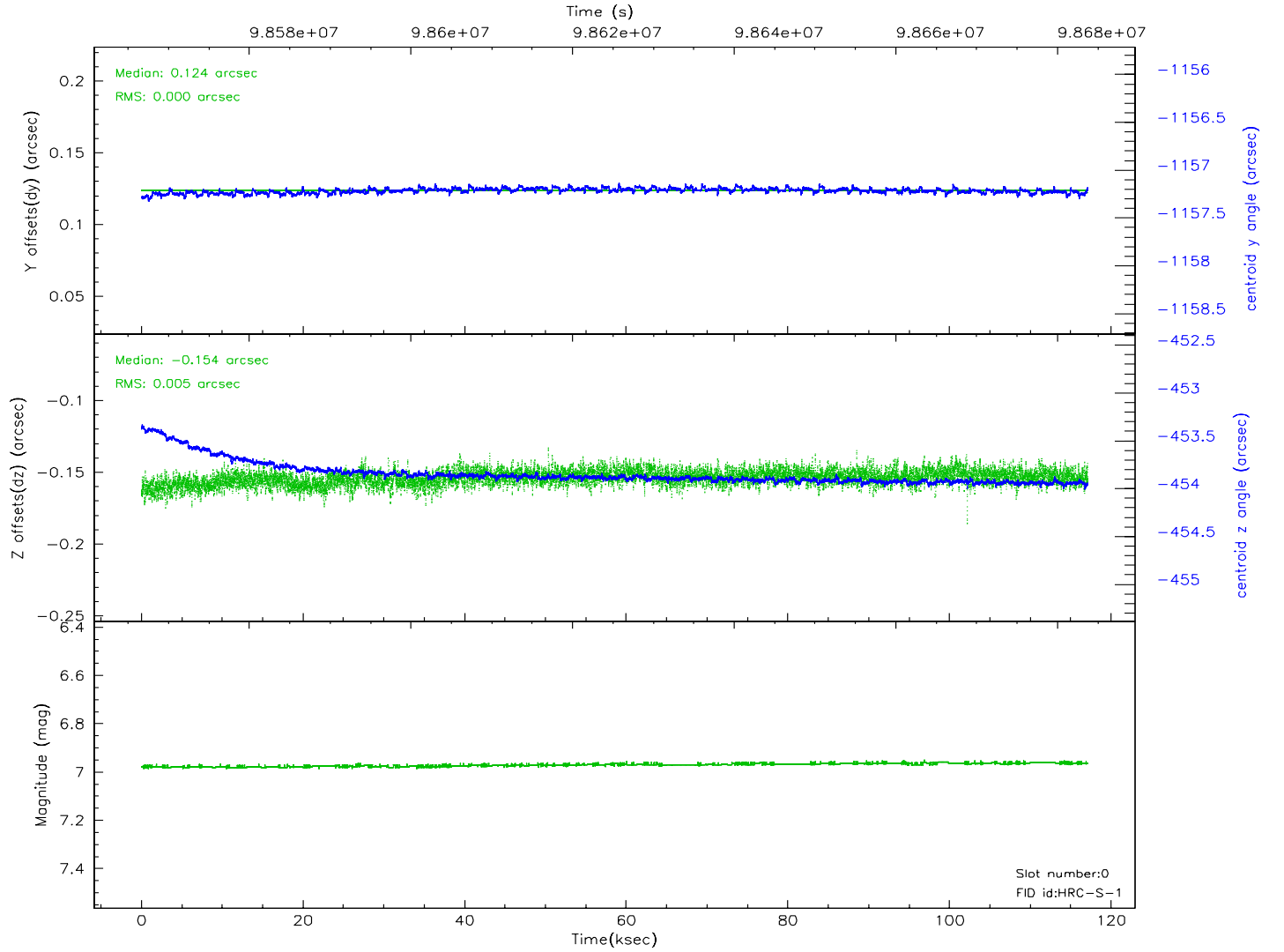
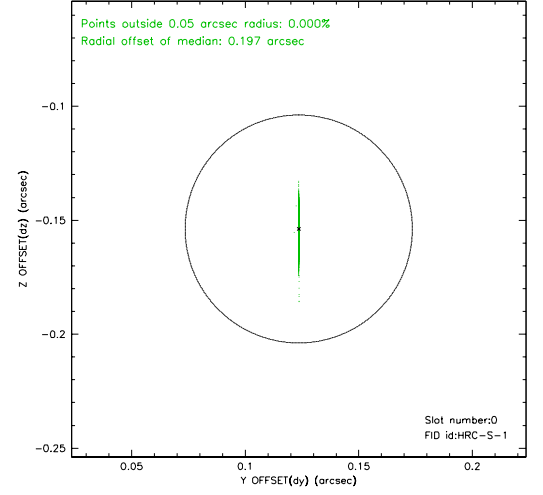
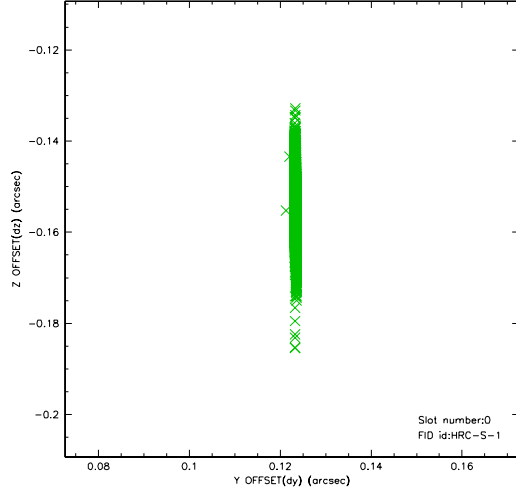


2.4.5 Slot 7

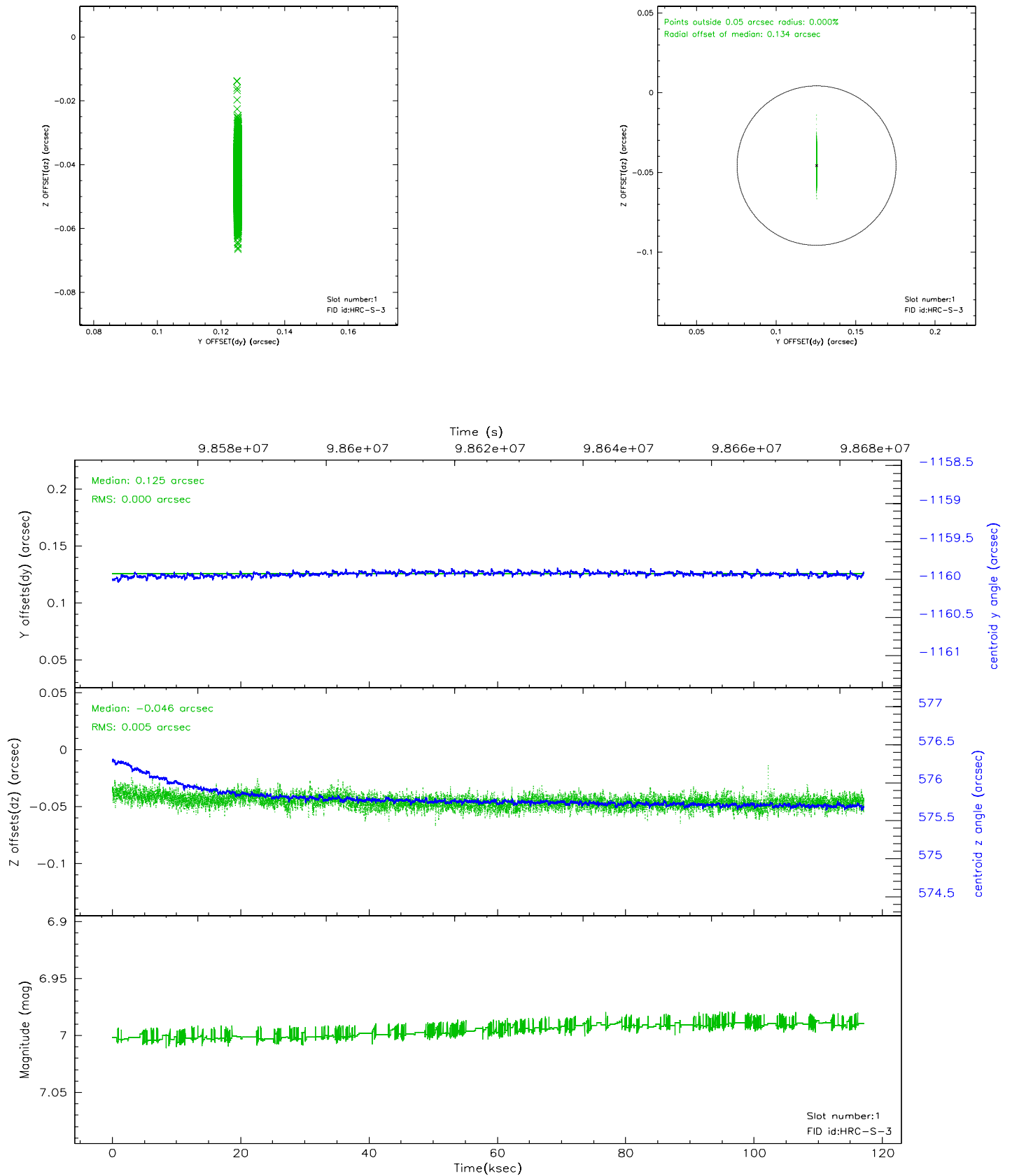


2.5 FID Slots

2.5.1 Slot 0

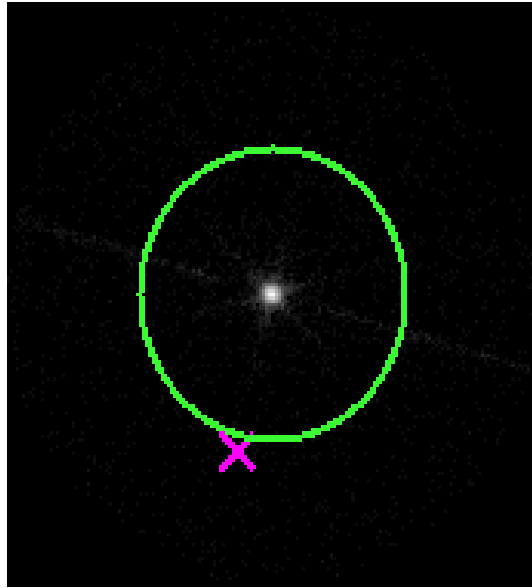


2.5.2 Slot 1



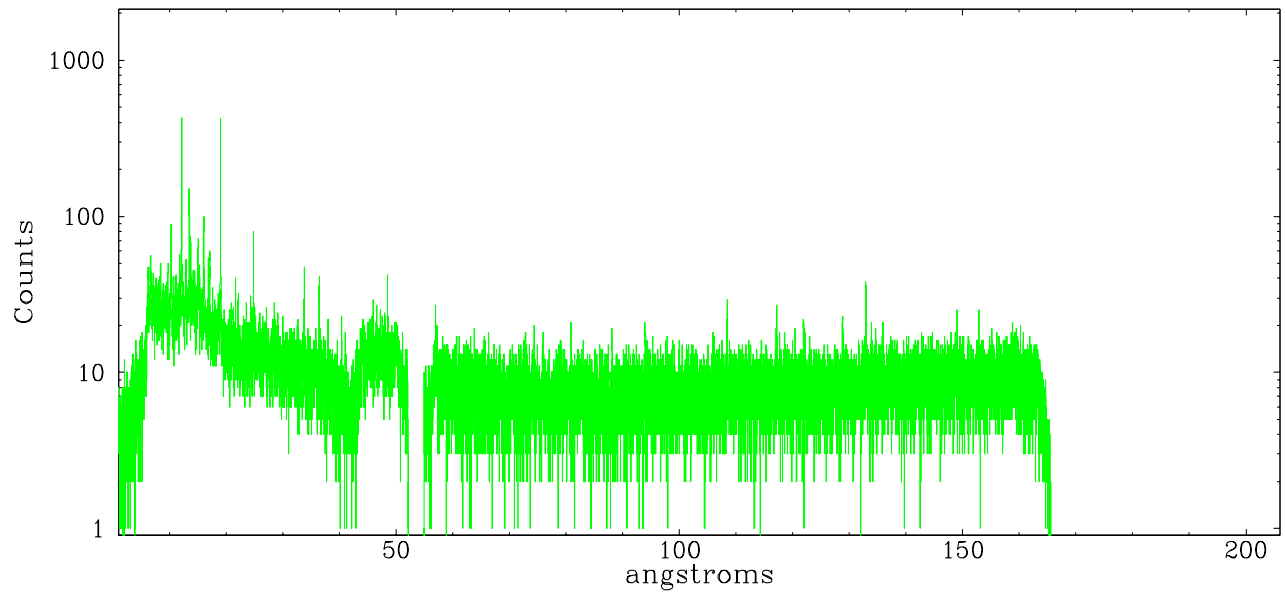
3 Gratings

3.1 LETG Arm

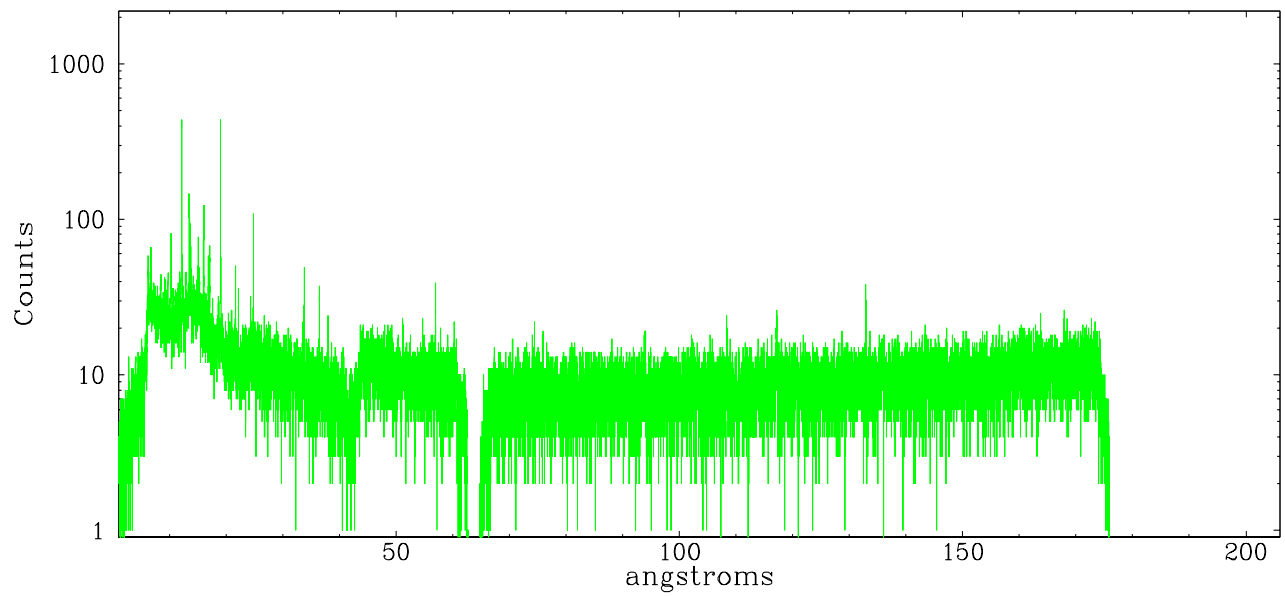


LETG Zero Order

leg order -1



leg order +1



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2007.08.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	113.227

A.2 Comments

Charge time for this ObsId remains at original value of 113.227 ks, although with the current processing the charge time would have been 116.910 ksec.

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The fid light in slot 2 was not tracked during most of the observation. The aspect solution is not expected to be degraded by removing one fid light from the solution.=====

Coordinated with XMM and EUVE.