

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 5292 - L2 Version 002
Chandra X-Ray Center

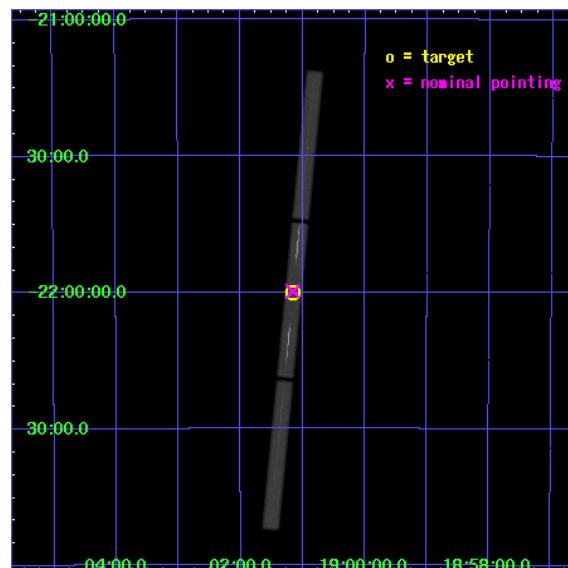
L2 Processing Date : Aug 4 2006

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1 Front

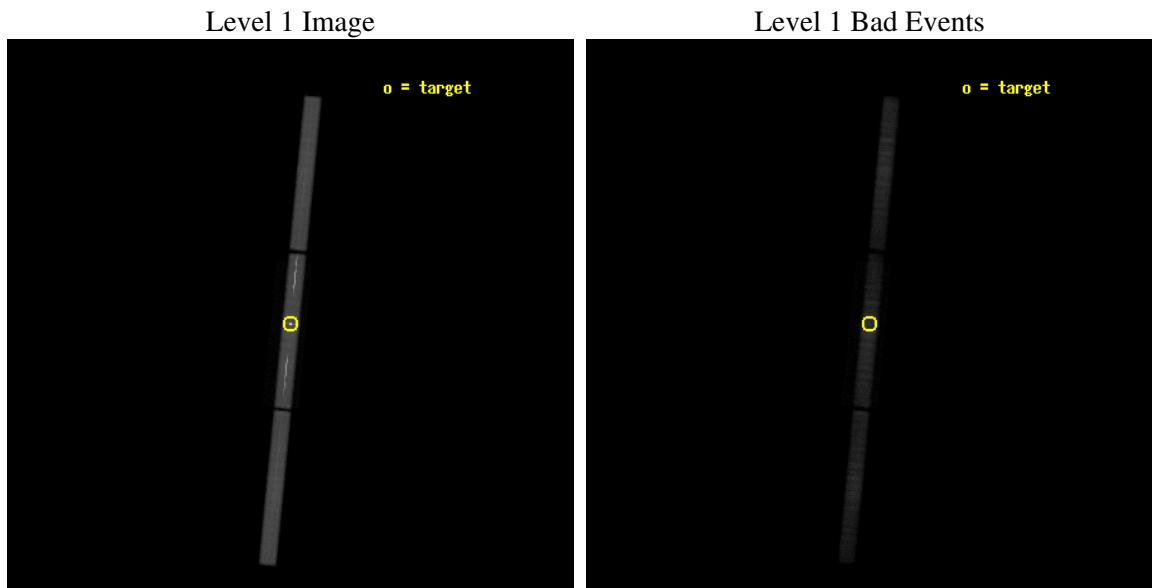
seq_num	300144
obs_id	5292
title	A HRC-S LETG Observation of V4743 Sgr
observer	Professor Sumner Starrfield
object	V4743 Sgr
ra_targ	285.289167
dec_targ	-22.001639
ra_nom	285.2889346411
dec_nom	-21.996919001641
roll_nom	95.55859274646
revision	4
ontime	10308.425451428
livetime	10236.781326526
l2events	592254



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.8.1
caldbver	3.2.2
date	2006-08-04T04:07:39
revision	4

sched_exp_time	10193.682000
ontime	10308.425451428
l1events	867105

2.1.3 Events

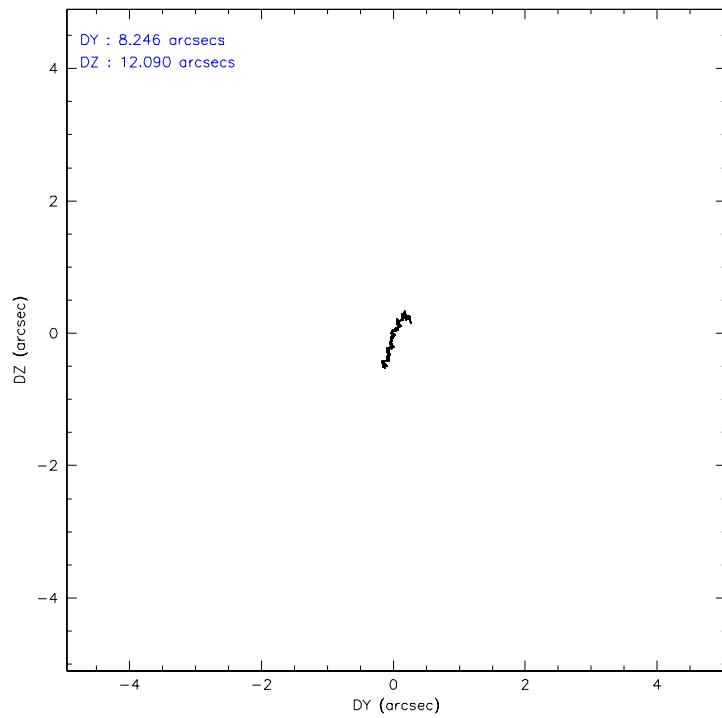
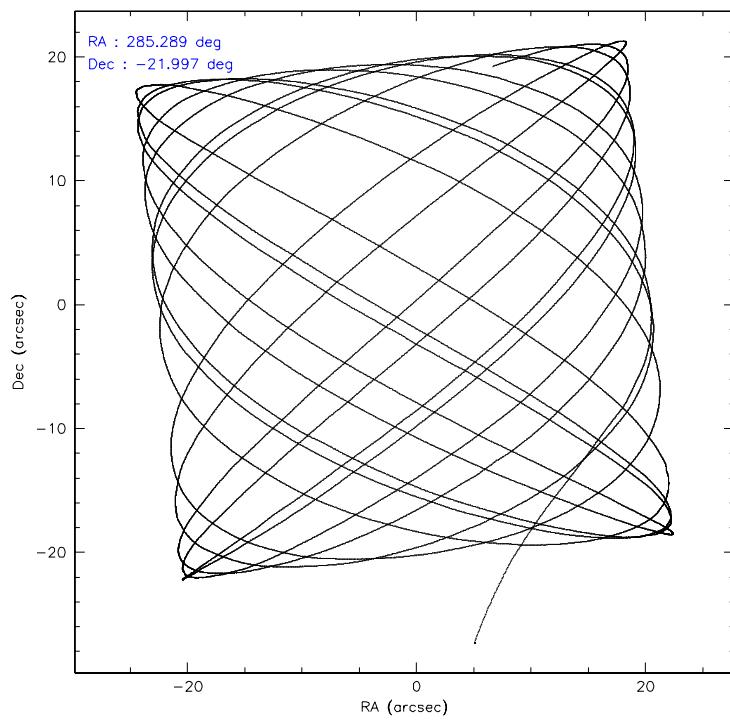
Level 1 Events

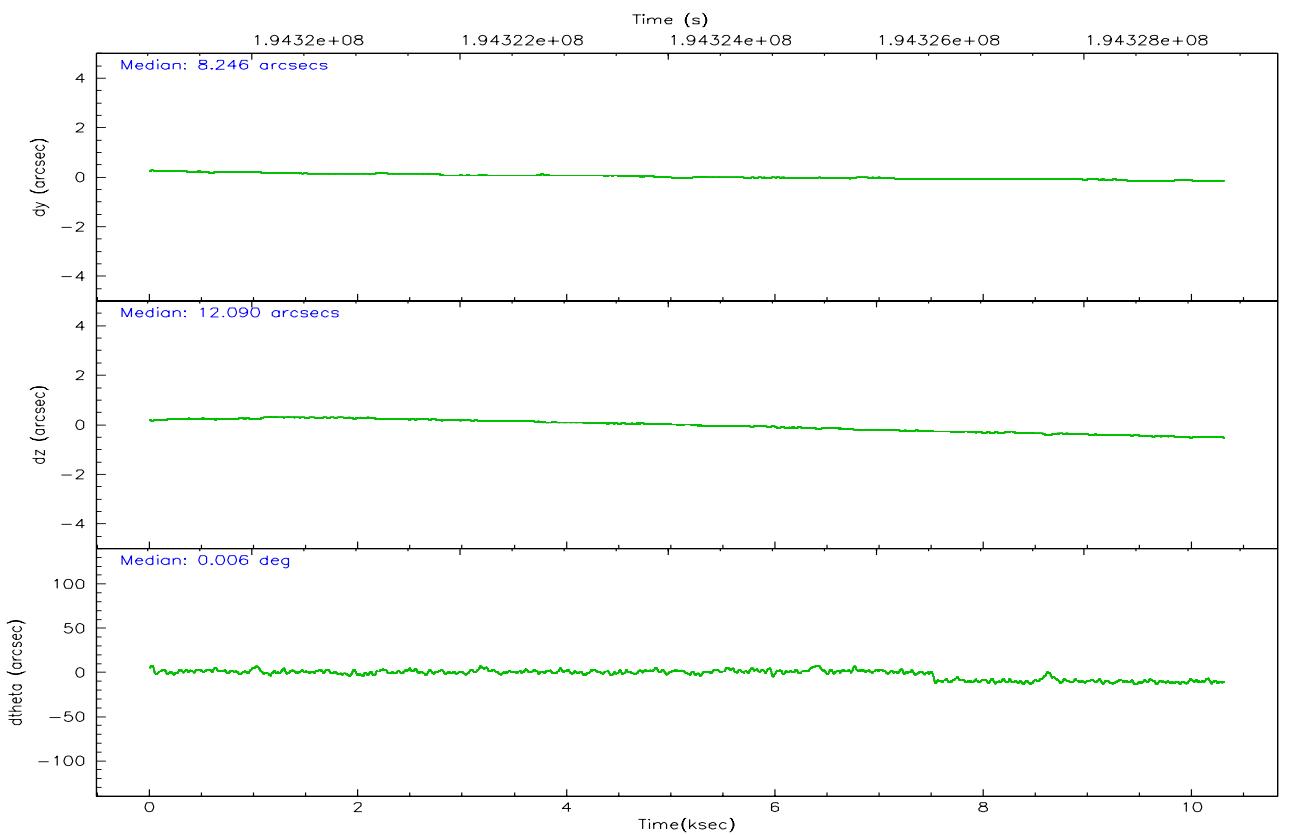
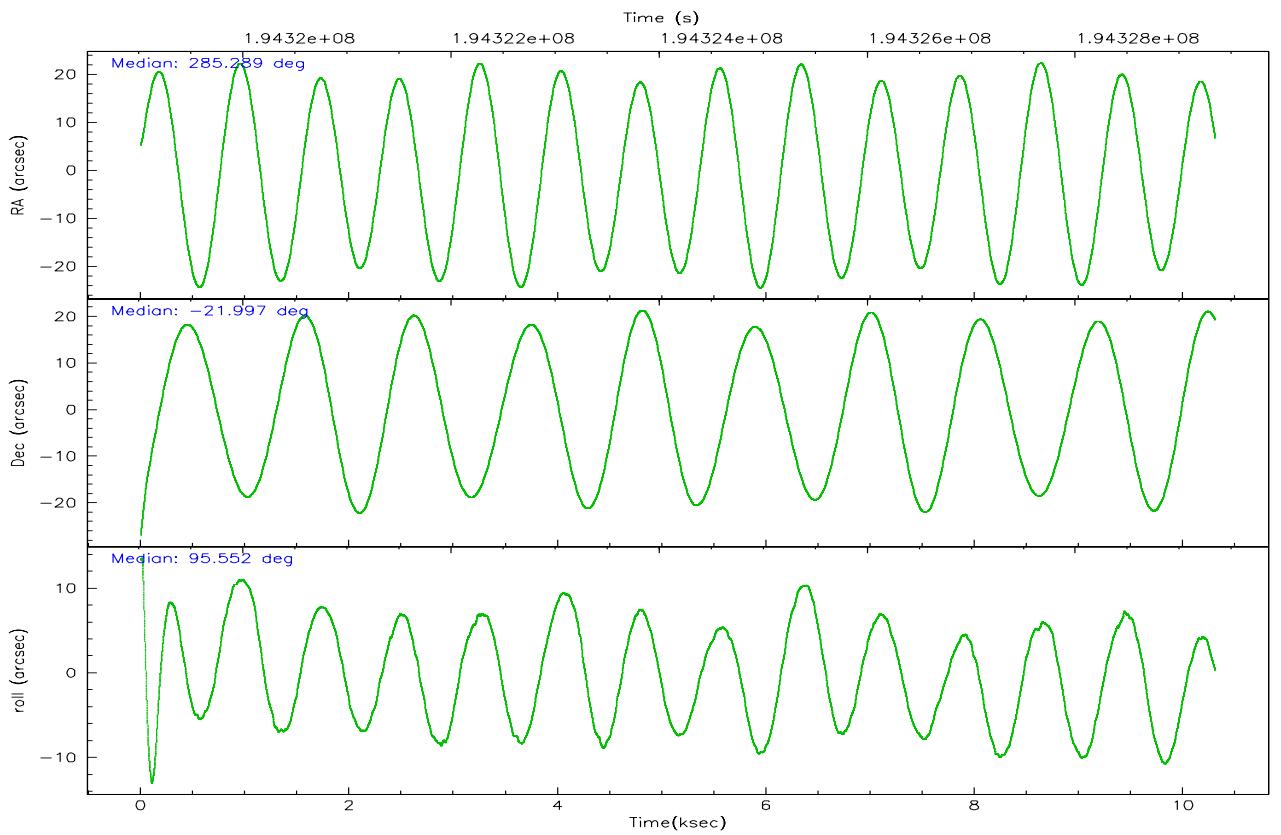
	segment 1	segment 2	segment 3
level 1 events	254715	358077	254313
rejected events	58389	79351	69628
rejected %	22%	22%	27%

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	285.307985	285.2889346411064			
Pointing Dec	-22.019383	-21.99691900164086			
Pointing Roll	95.498364	95.55859274646028			
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	194319144.184000	194318757.06698			
Observation start date	2004-02-28T01:31:20	2004-02-28T01:25:57			
Observation end time	194329338.184000	194331191.85502			
Observation end date	2004-02-28T04:21:14	2004-02-28T04:53:11			

2.3 Aspect





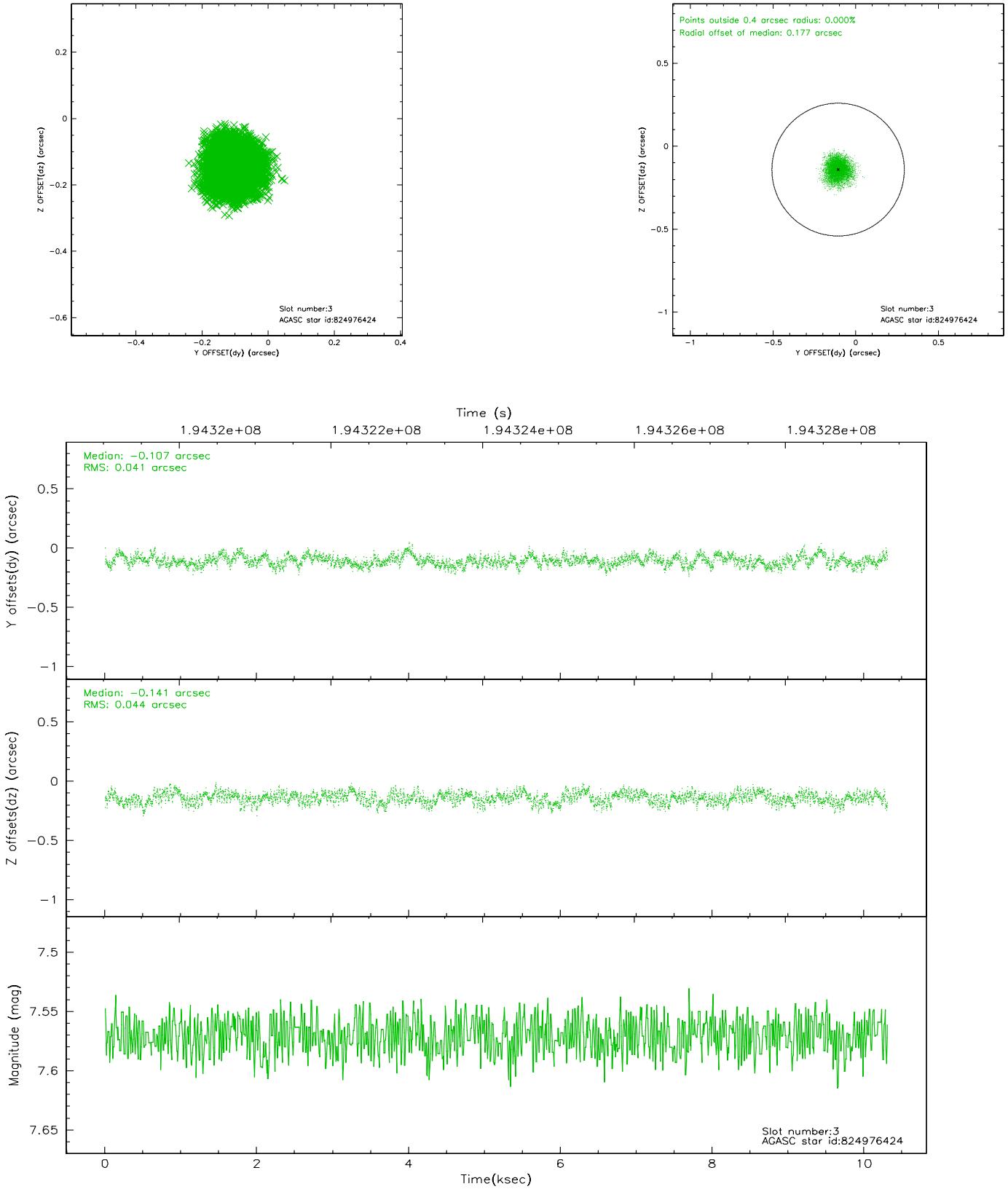
Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-2	7.02	2515	0.141	-0.076	0.015	0.075	0.000000	0.000000	1237.17	-453.54
1	OMITTED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00
2	FID	HRC-S-4	7.01	2514	0.139	-0.124	0.015	0.075	0.000000	0.000000	1236.39	570.99
3	GUIDE	824976424	7.57	5030	-0.107	-0.141	0.065	0.104	284.900091	-21.828249	813.42	1291.56
4	GUIDE	824977840	9.17	5028	0.114	0.239	0.097	0.164	285.448876	-22.329632	-1156.69	-359.12
5	GUIDE	824979304	8.98	5029	0.136	0.182	0.090	0.147	285.497931	-22.093264	-325.95	-604.59
6	GUIDE	824979864	9.40	5028	-0.116	-0.245	0.133	0.222	284.670947	-21.972498	366.91	2101.39
7	GUIDE	824984488	9.62	2510	-0.053	-0.059	0.131	0.213	284.803811	-21.903683	573.07	1637.93

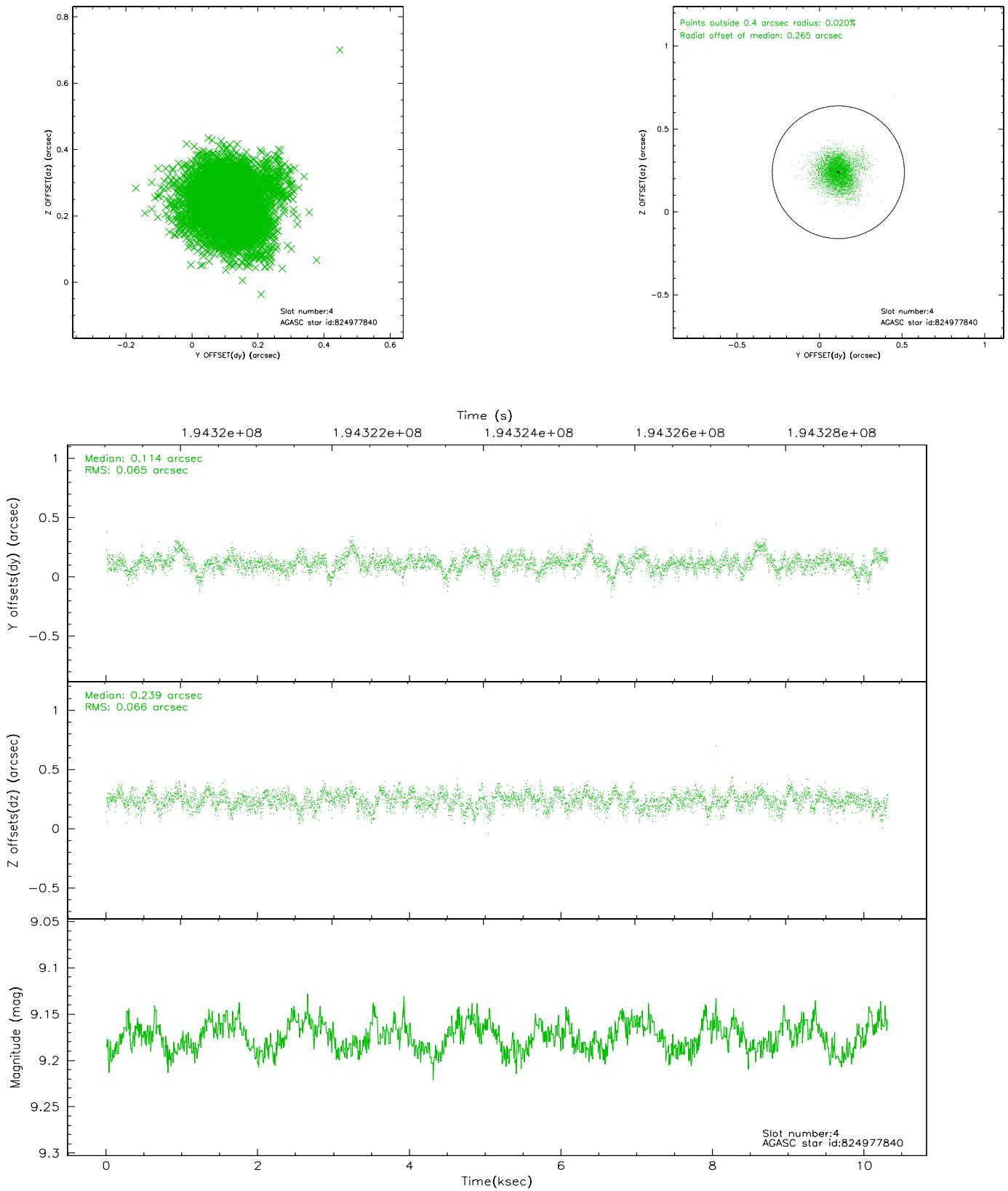
∞

2.4 Star Slots

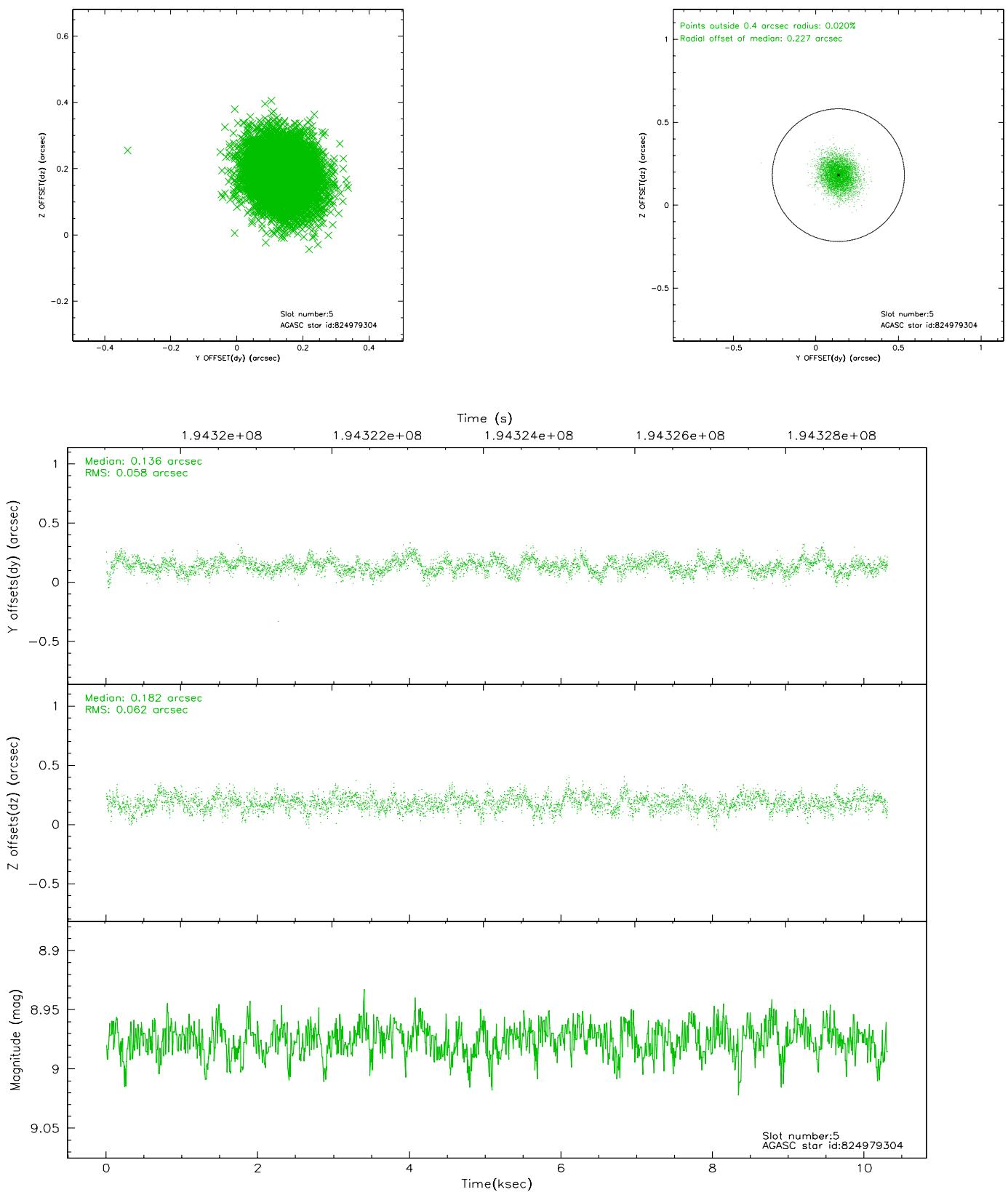
2.4.1 Slot 3



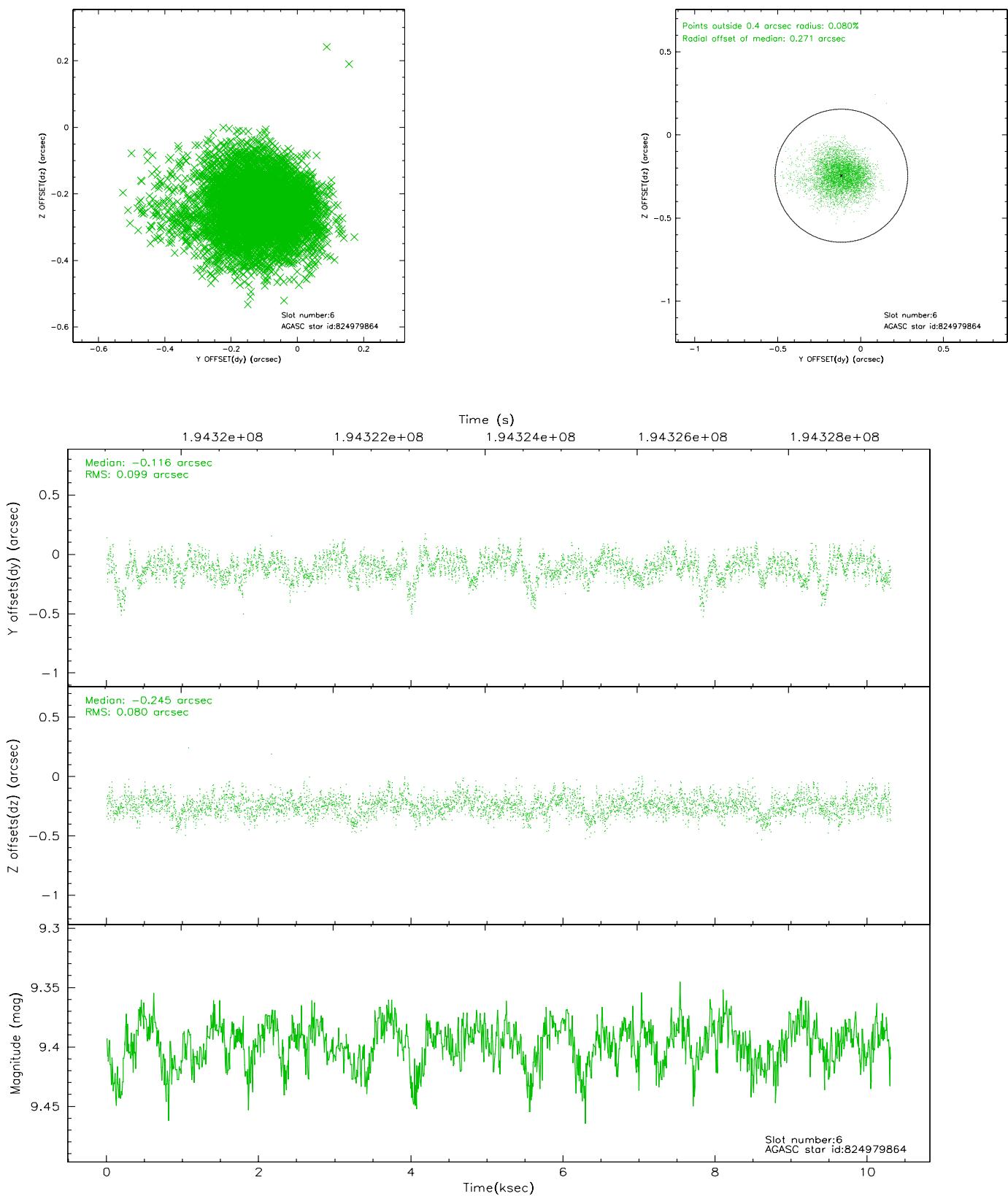
2.4.2 Slot 4



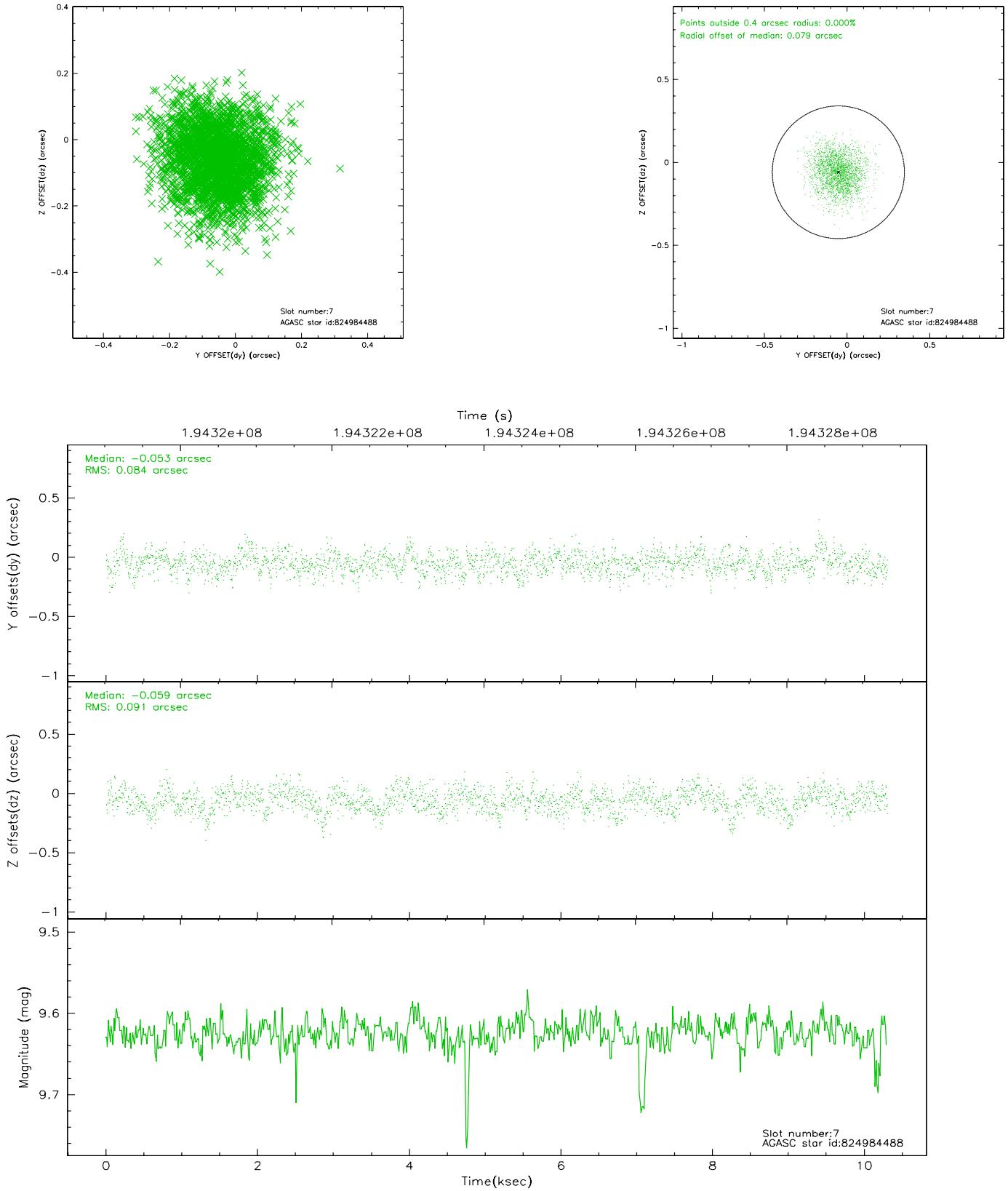
2.4.3 Slot 5



2.4.4 Slot 6

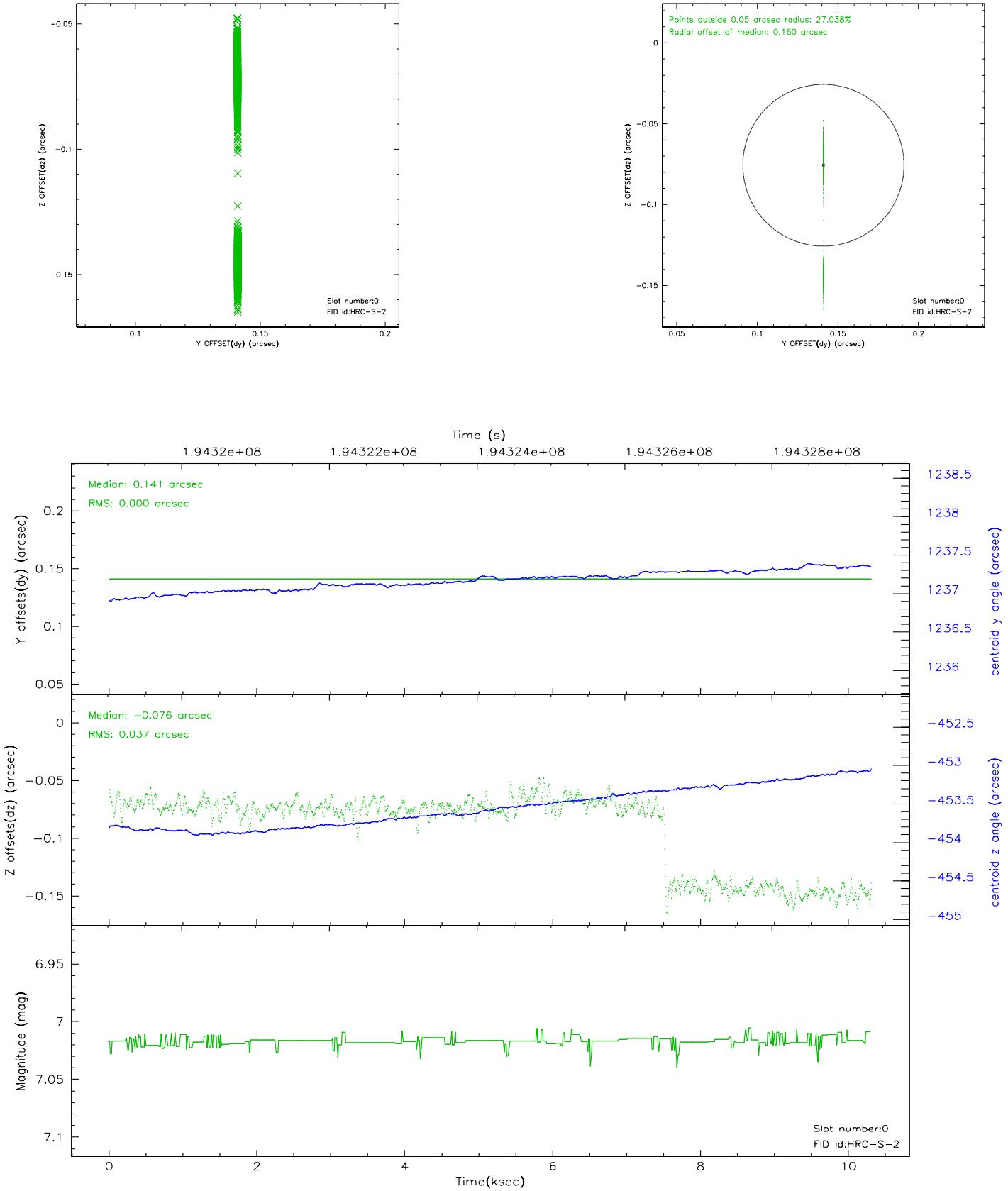


2.4.5 Slot 7

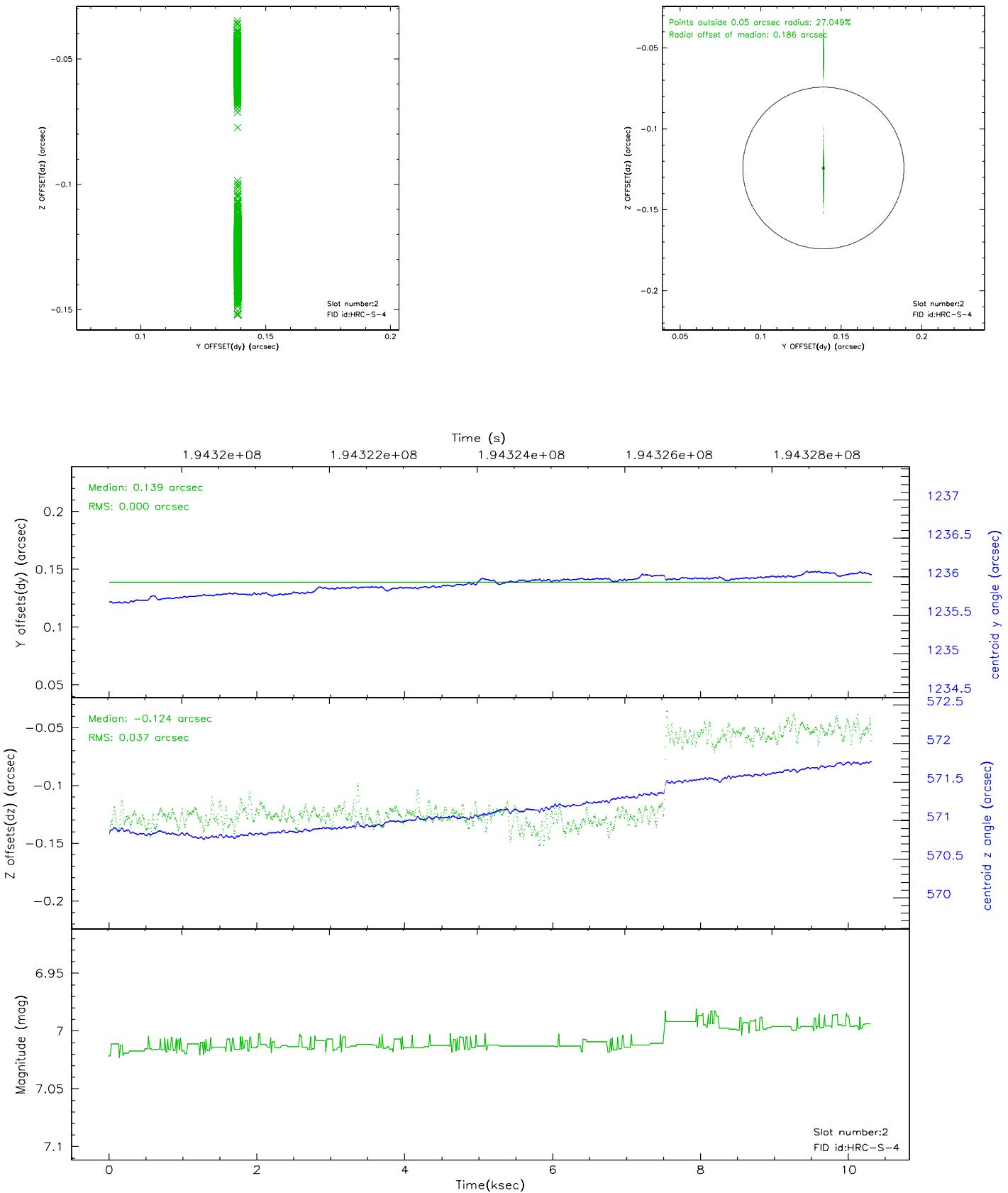


2.5 FID Slots

2.5.1 Slot 0

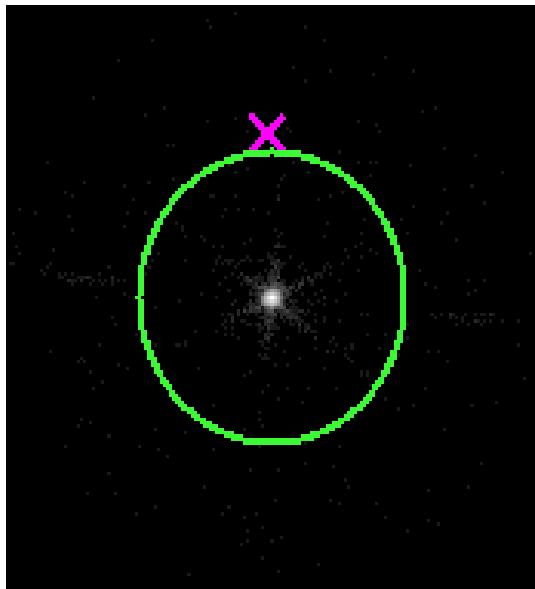


2.5.2 Slot 2



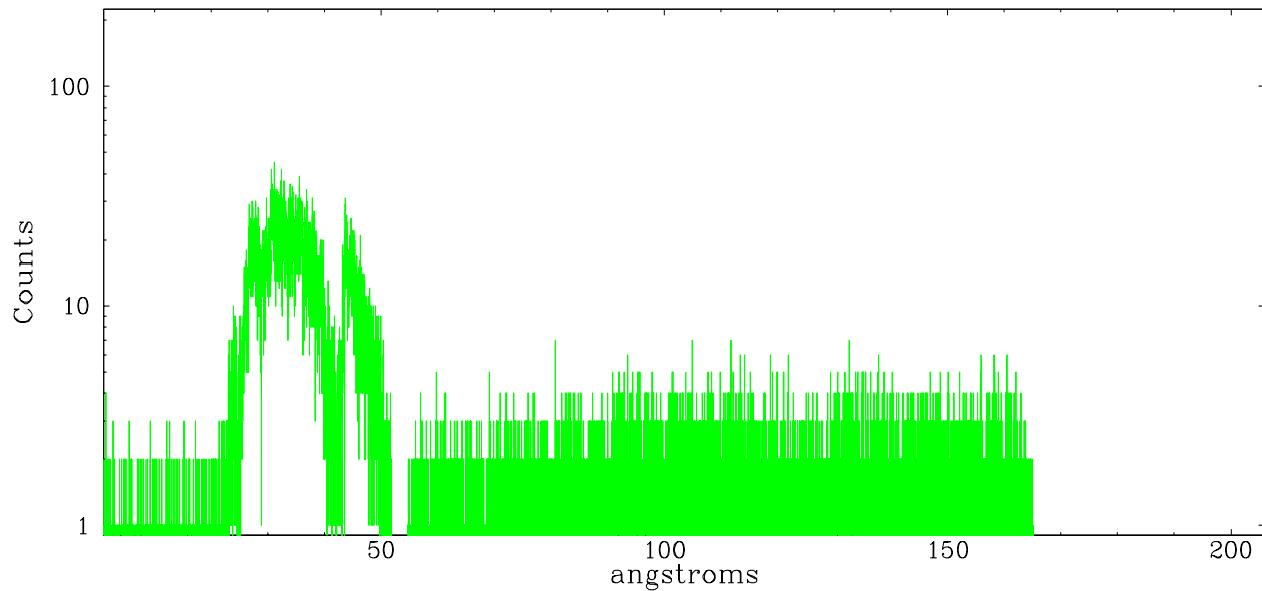
3 Gratings

3.1 LETG Arm

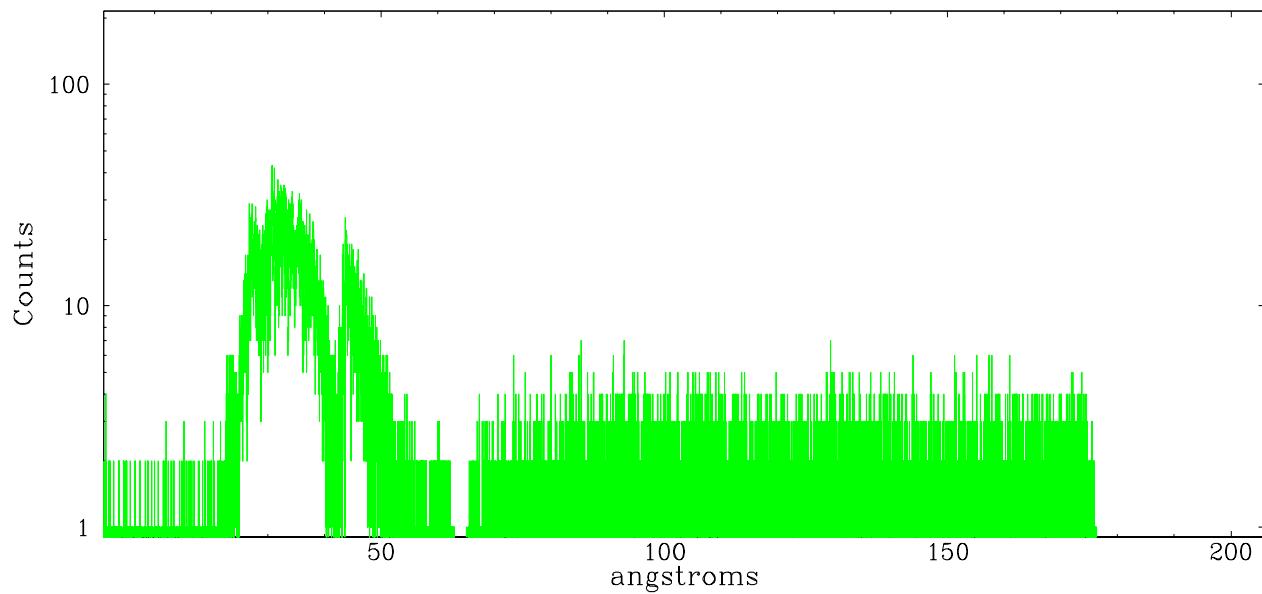


LETG Zero Order

leg order -1



leg order +1



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.08.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.308

A.2 Comments

Slot 1 was excluded from aspect solution.