

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 3675 - L2 Version 001
Chandra X-Ray Center

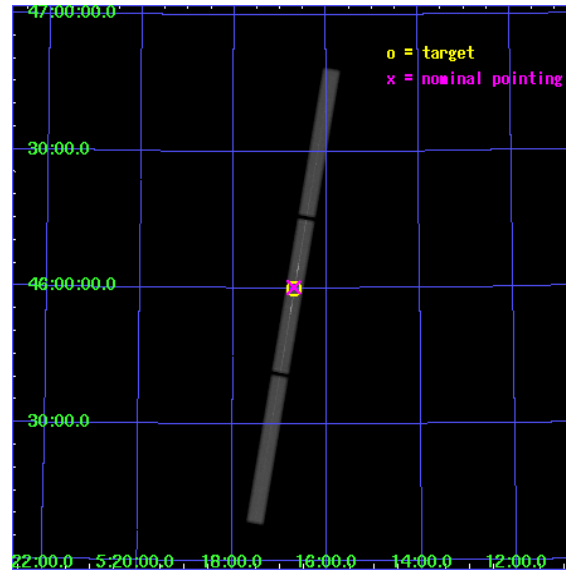
L2 Processing Date : Jul 3 2006

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1 Front

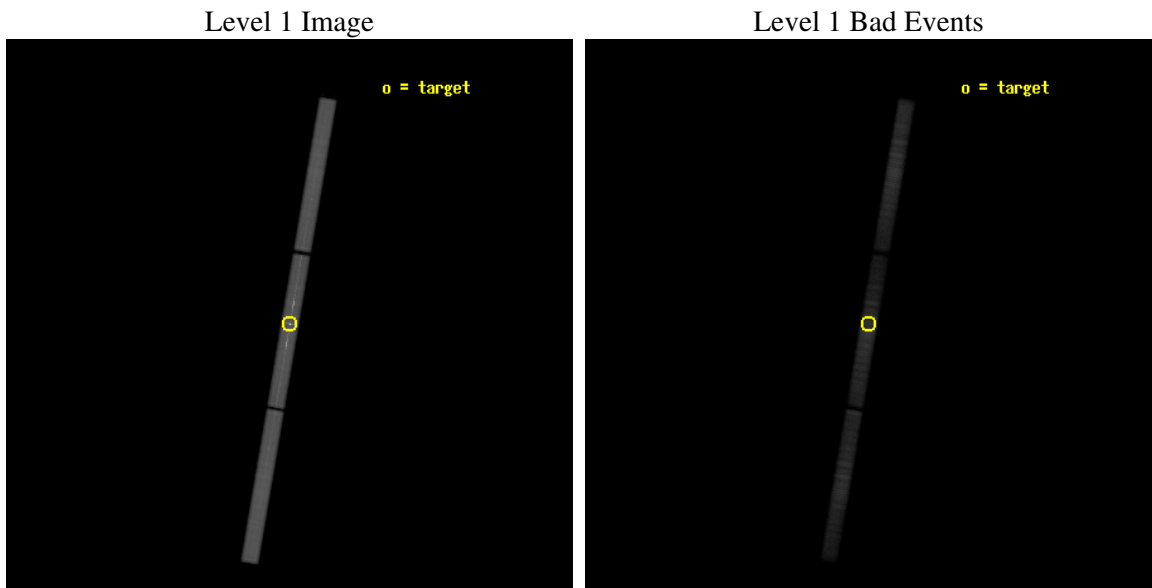
seq_num	290229
obs_id	3675
title	AO4 CALIBRATION OBSERVATIONS OF CAPELLA
observer	Dr. CXC Calibration
object	Capella
ra_targ	79.17625
dec_targ	45.997889
ra_nom	79.175229007931
dec_nom	46.002493451371
roll_nom	99.684296062456
revision	2
ontime	27157.376165628
livetime	26966.394236684
l2events	1593060



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.8
caldsver	3.2.2
date	2006-07-03T15:40:34
revision	2

sched_exp_time	27000.000000
ontime	27157.632415622
l1events	2216374

2.1.3 Events

Level 1 Events

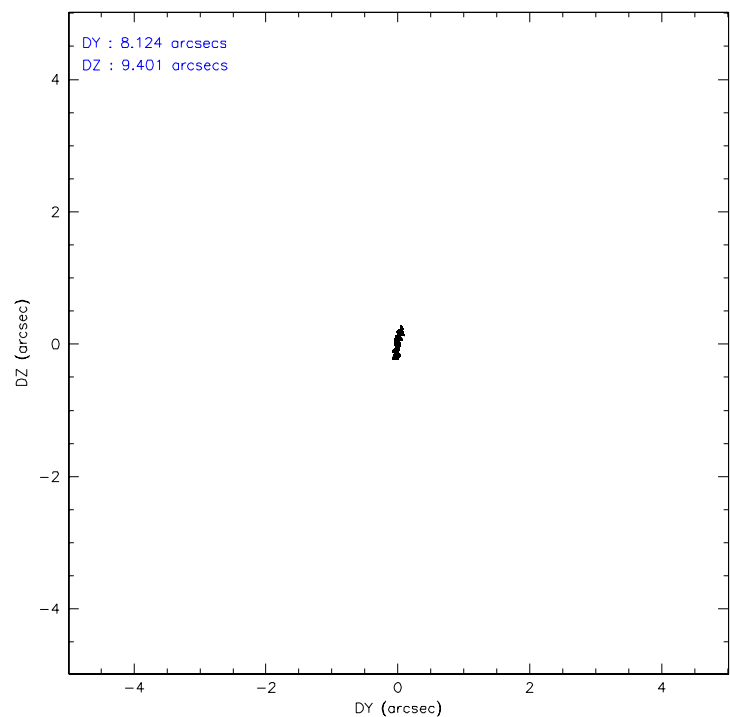
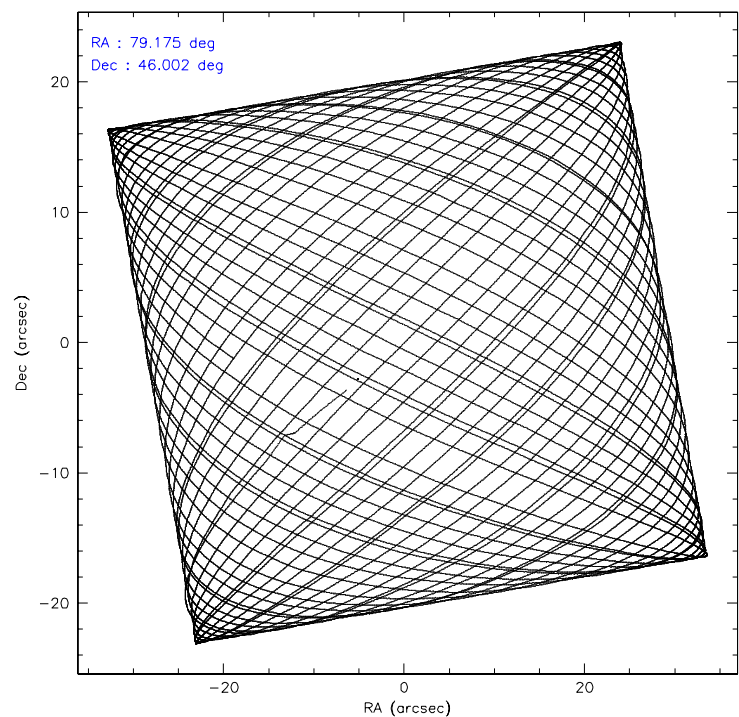
	segment 1	segment 2	segment 3
level 1 events	717101	802619	696654
rejected events	129325	154947	159760
rejected %	18%	19%	22%

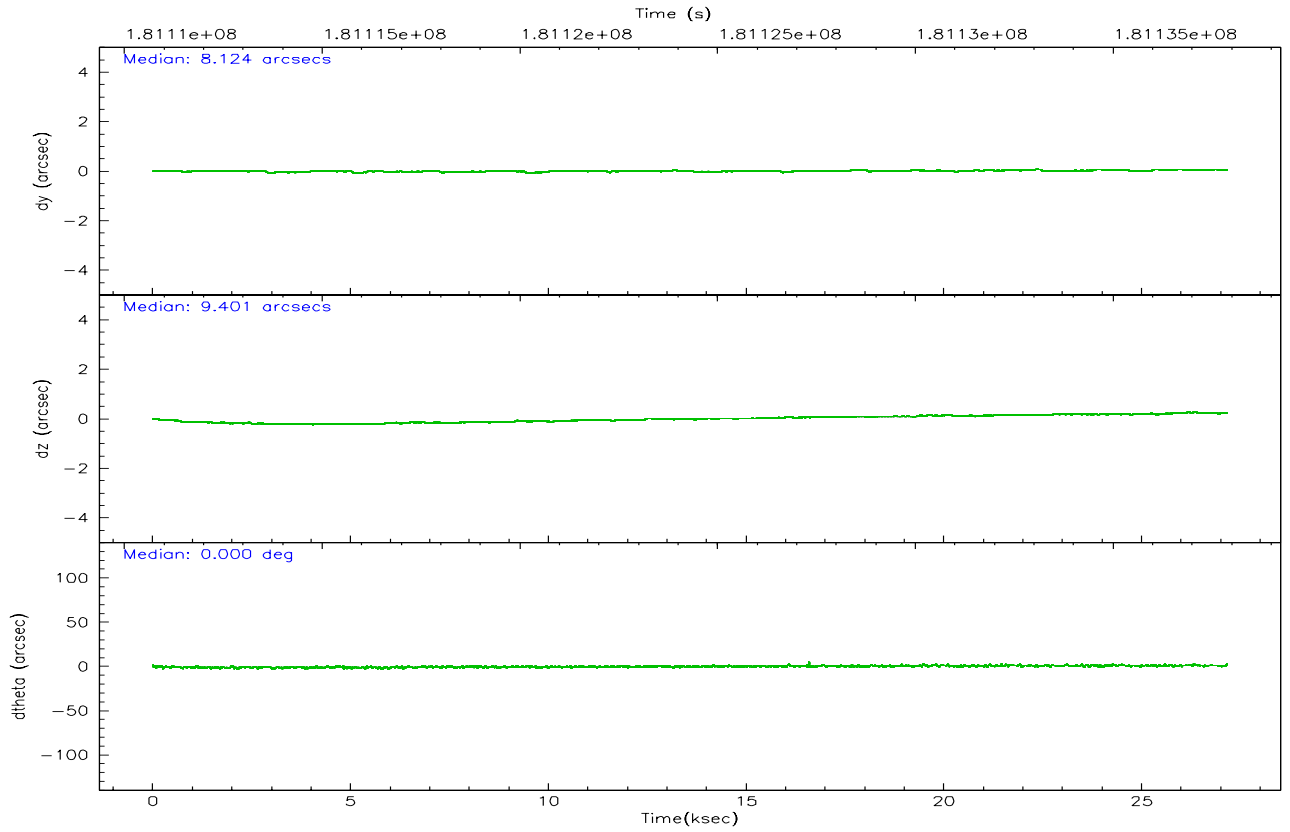
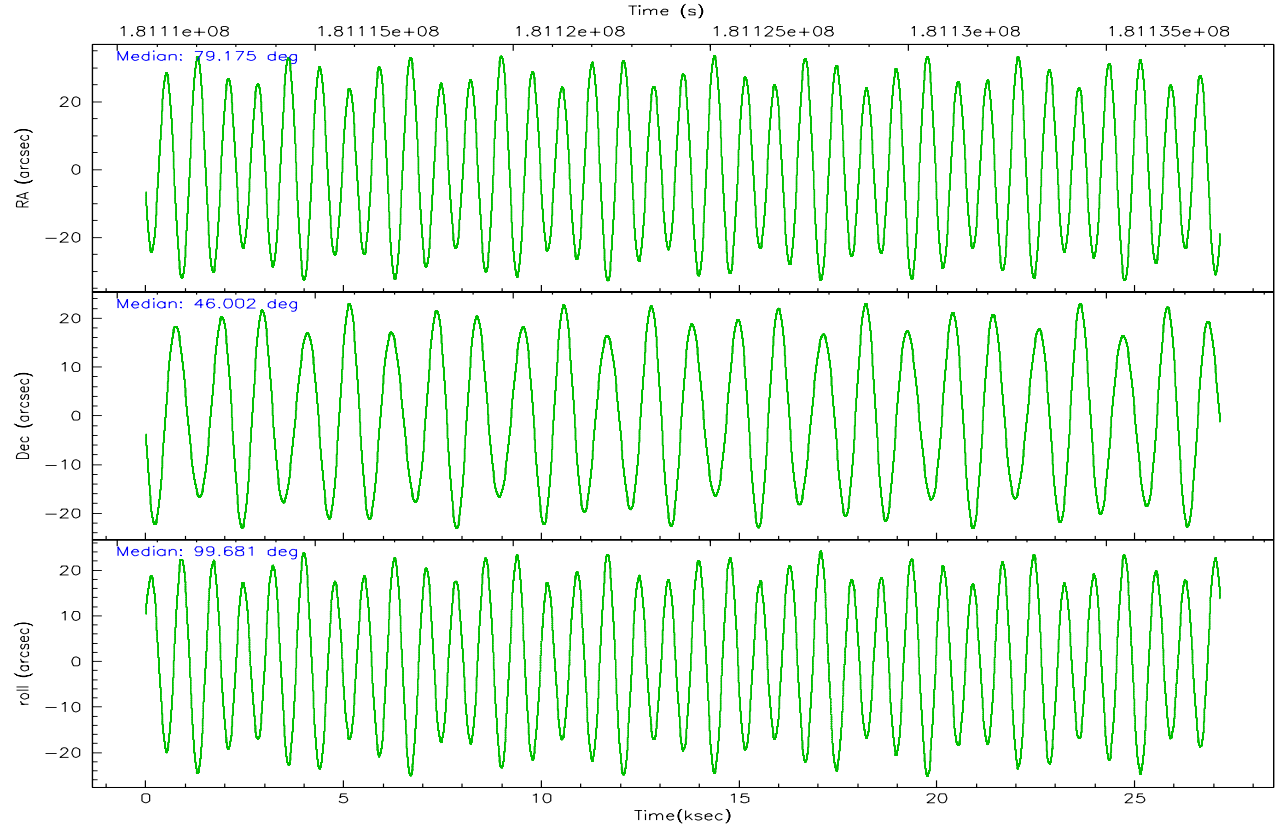
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	LETG	LETG
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
Pointing RA	79.203122	79.17522900793121
Pointing Dec	45.981443	46.00249345137146
Pointing Roll	99.596894	99.68429606245641
Window start time	178761664.184000	178761664.184000
Window stop time	183945664.184000	183945664.184000
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	181110885.184000	181110190.85618
Observation start date	2003-09-28T04:33:41	2003-09-28T04:23:10
Observation end time	181137885.184000	181138885.73241
Observation end date	2003-09-28T12:03:41	2003-09-28T12:21:25

Parameter	Planned	Actual
Obspar format version number	6	6
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



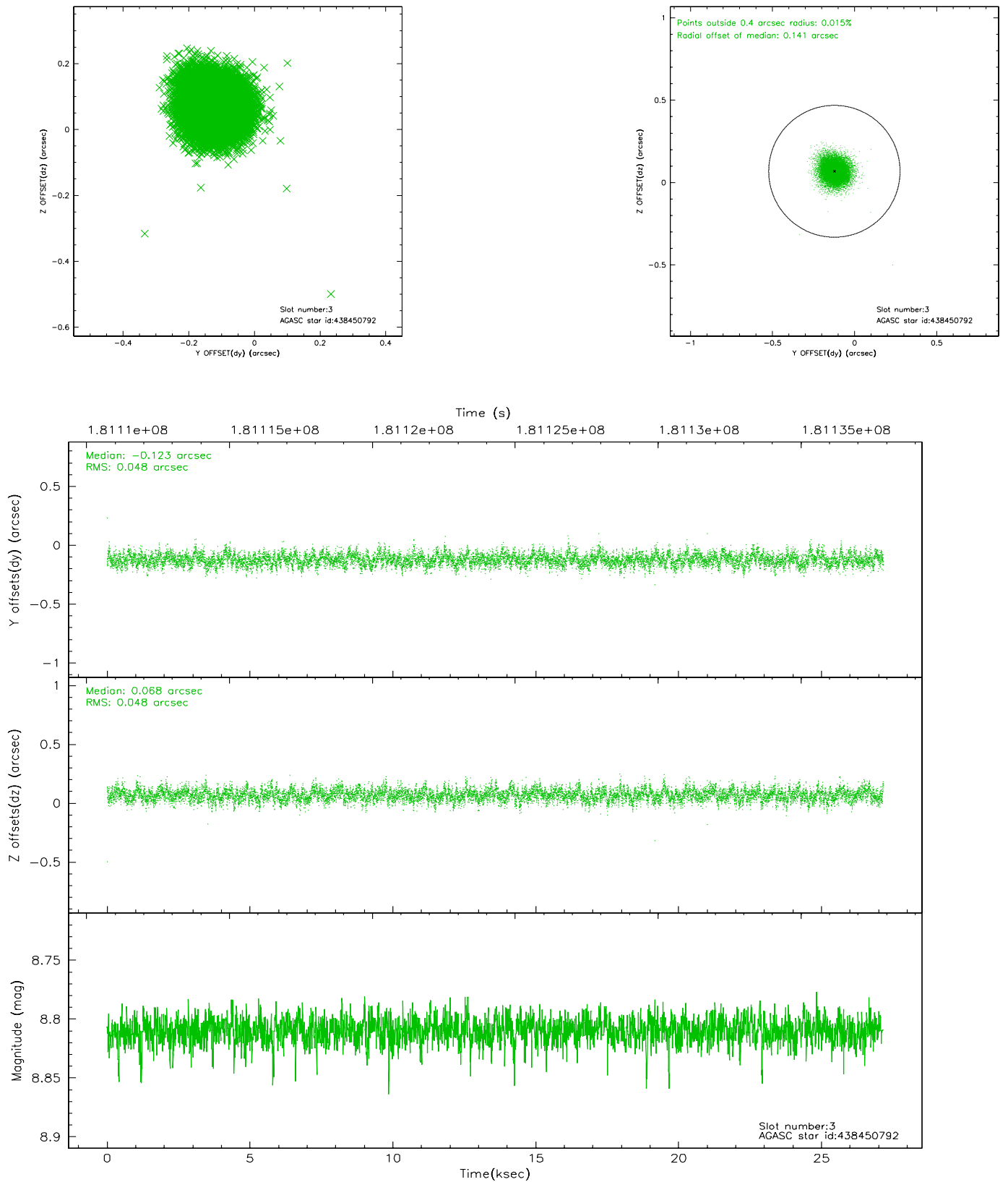


Slot Statistics

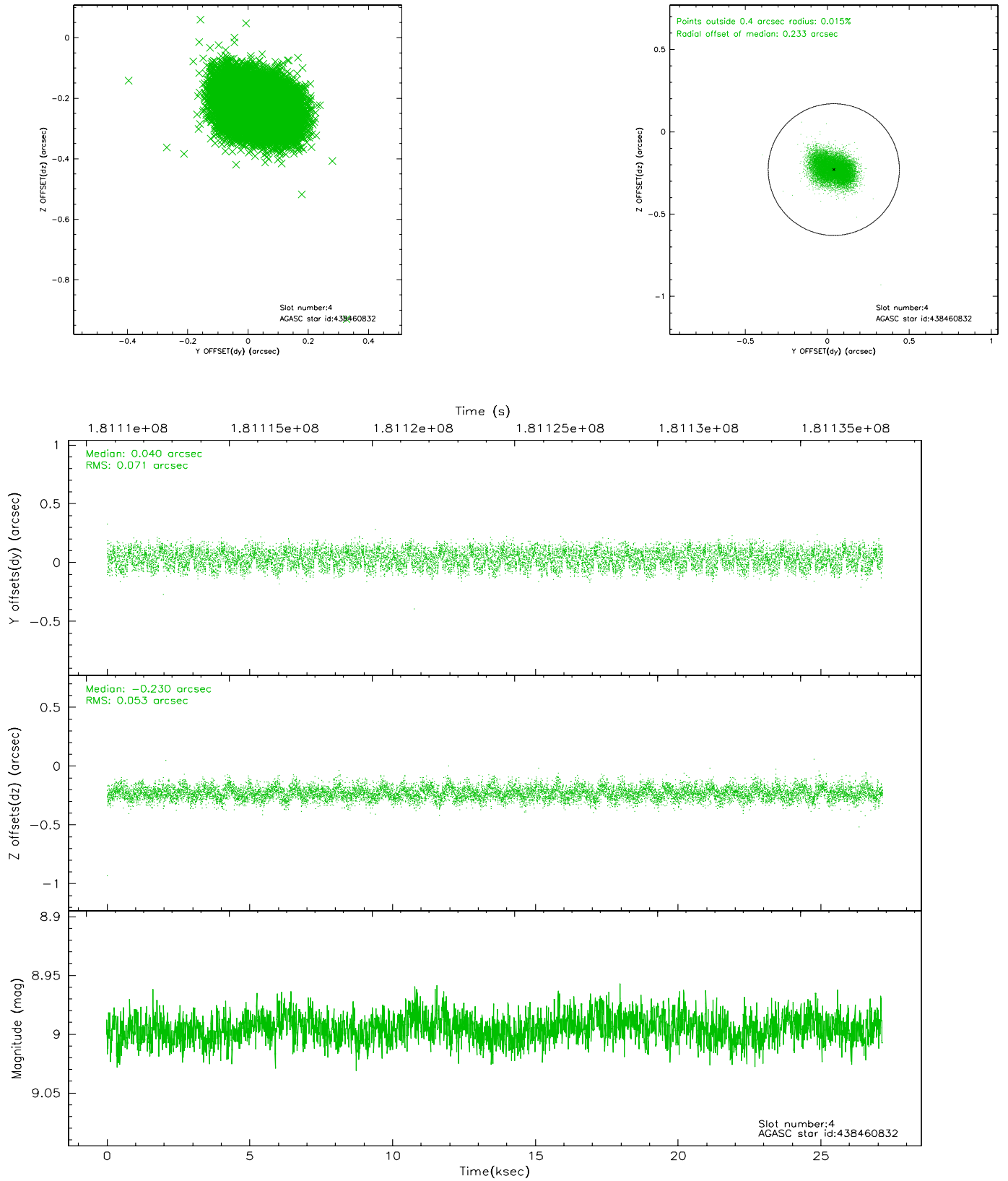
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	UNUSED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00
1	FID	HRC-S-2	7.02	6623	0.166	-0.113	0.004	0.009	0.000000	0.000000	1237.38	-450.73
2	FID	HRC-S-3	7.04	6623	0.100	-0.085	0.004	0.009	0.000000	0.000000	-1164.84	571.54
3	GUIDE	438450792	8.81	13246	-0.123	0.068	0.072	0.117	78.654240	46.382628	1655.41	1102.58
4	GUIDE	438460832	9.00	13243	0.040	-0.230	0.095	0.149	78.414614	45.554782	-1173.40	2214.02
5	GUIDE	440145944	9.09	13243	0.103	0.295	0.089	0.141	80.083717	45.428844	-2320.09	-1863.85
6	GUIDE	440149808	8.43	13246	-0.069	0.098	0.067	0.110	78.873930	46.405955	1644.66	550.70
7	GUIDE	440164960	8.31	13246	0.052	-0.232	0.077	0.127	79.132526	46.140947	595.74	77.68

2.4 Star Slots

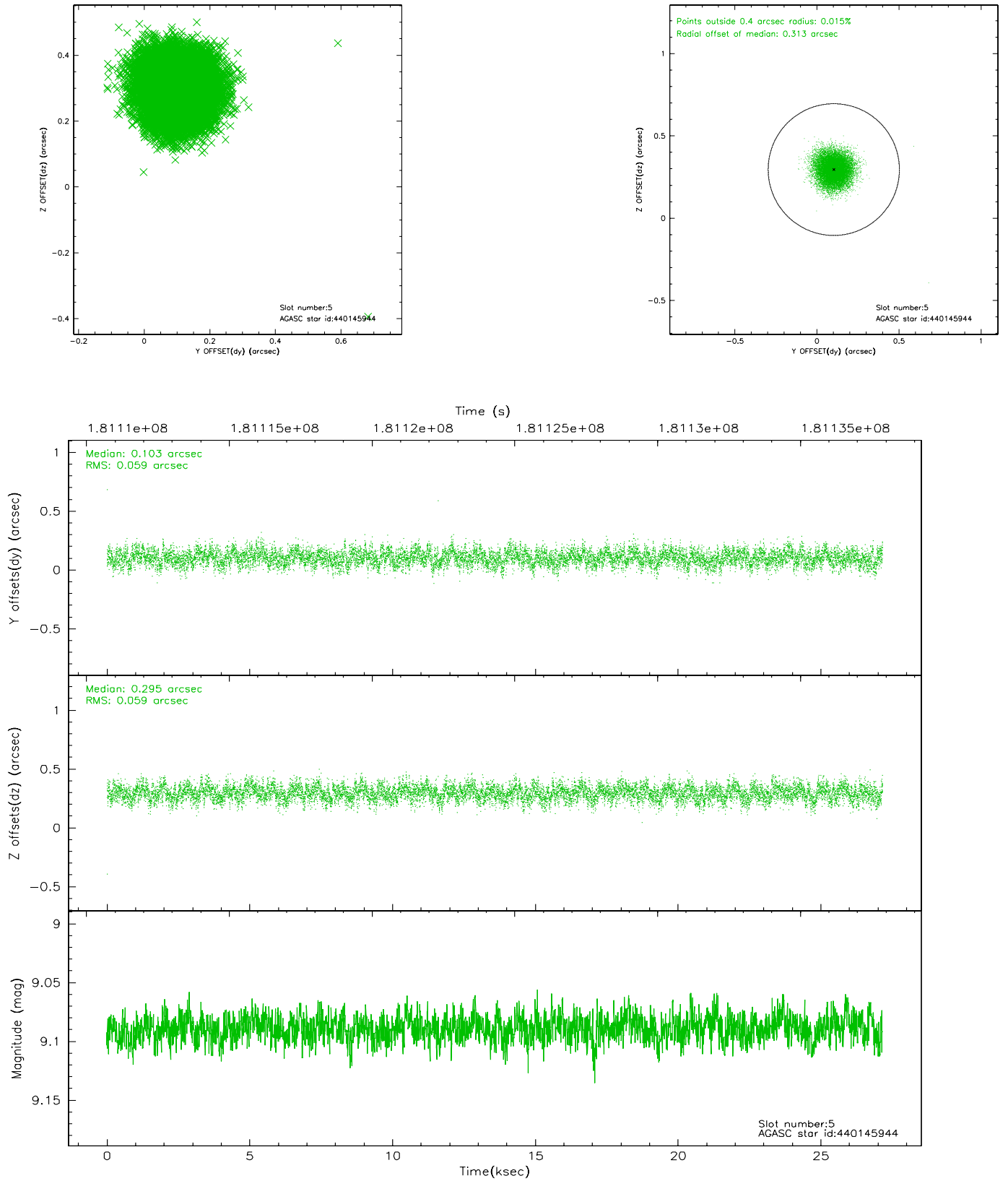
2.4.1 Slot 3



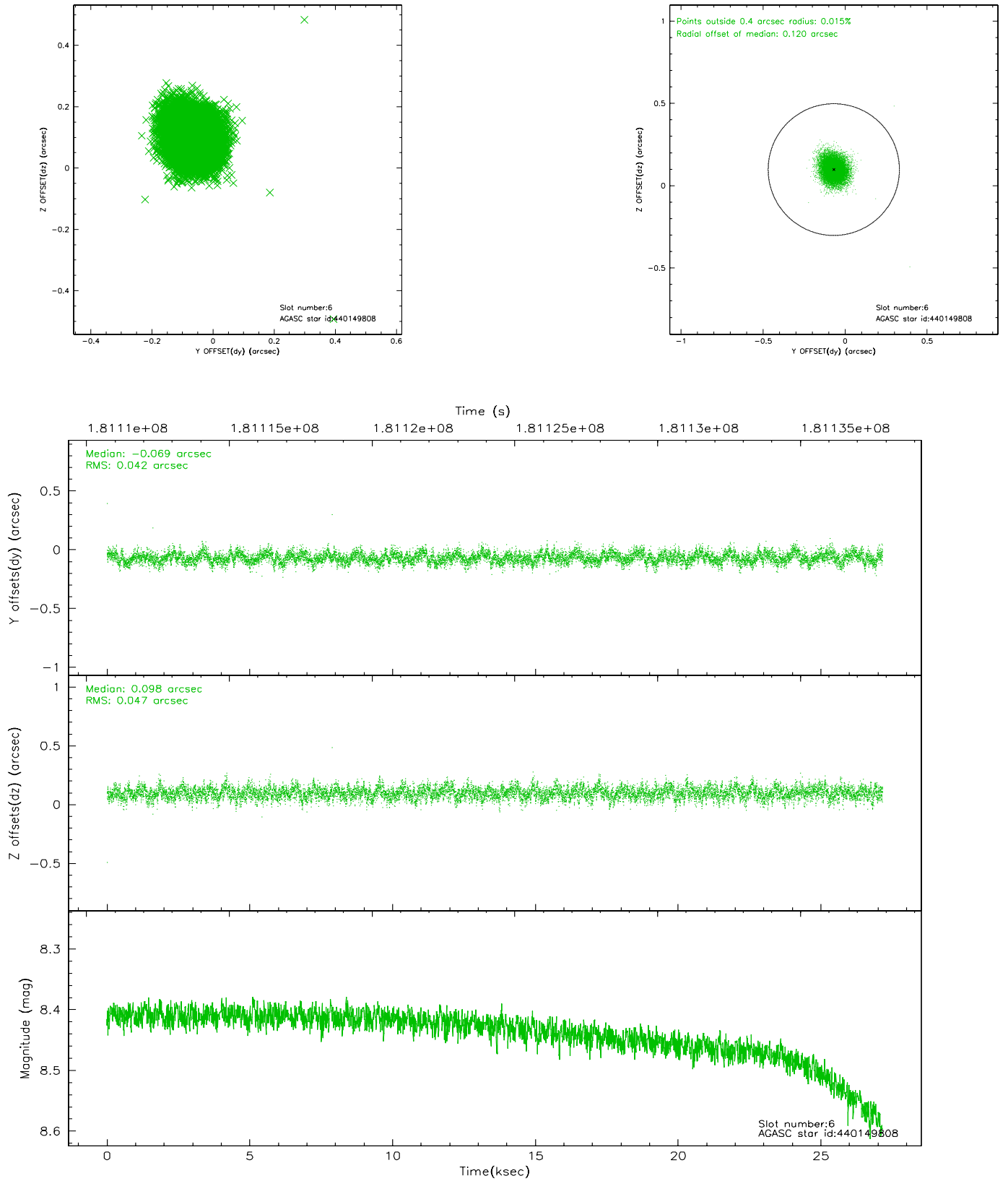
2.4.2 Slot 4



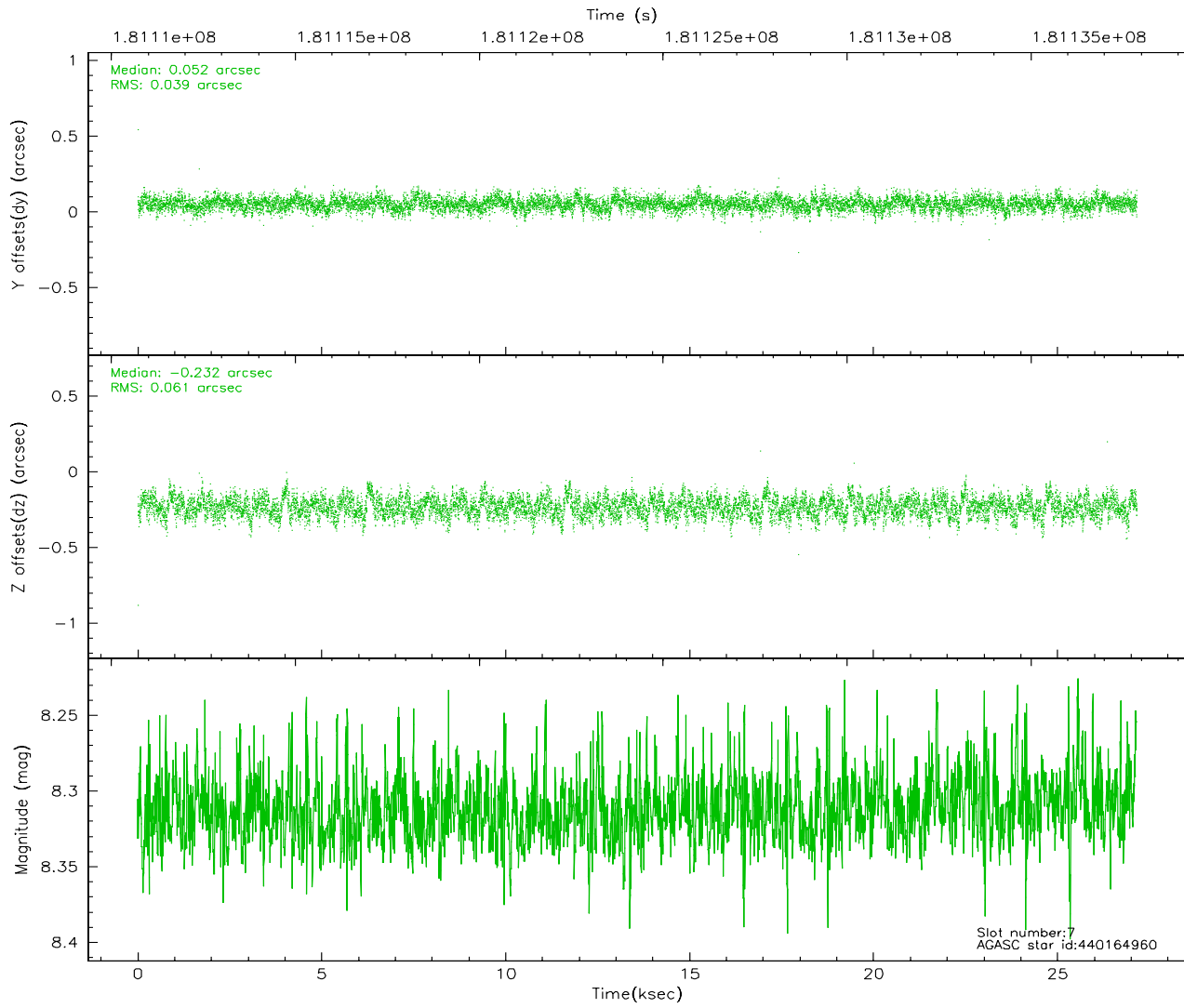
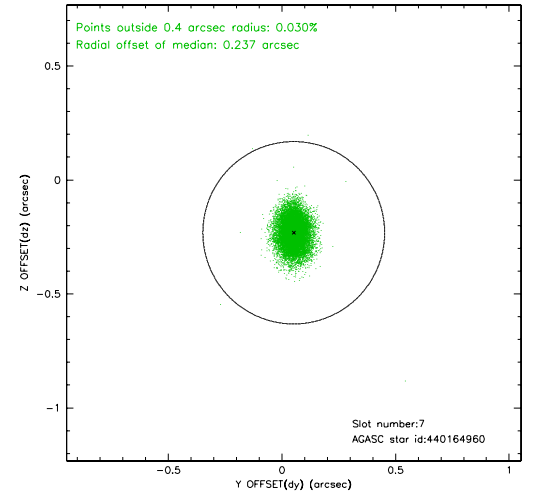
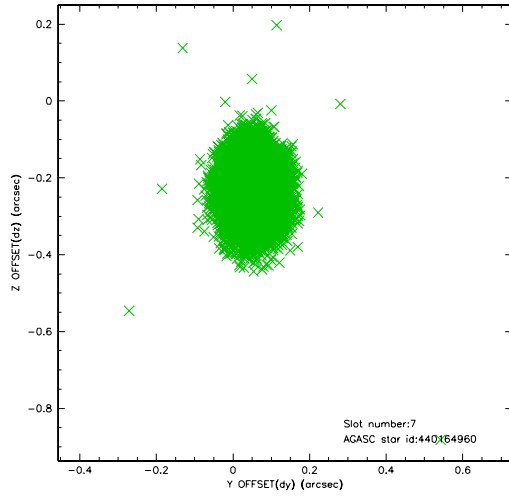
2.4.3 Slot 5



2.4.4 Slot 6

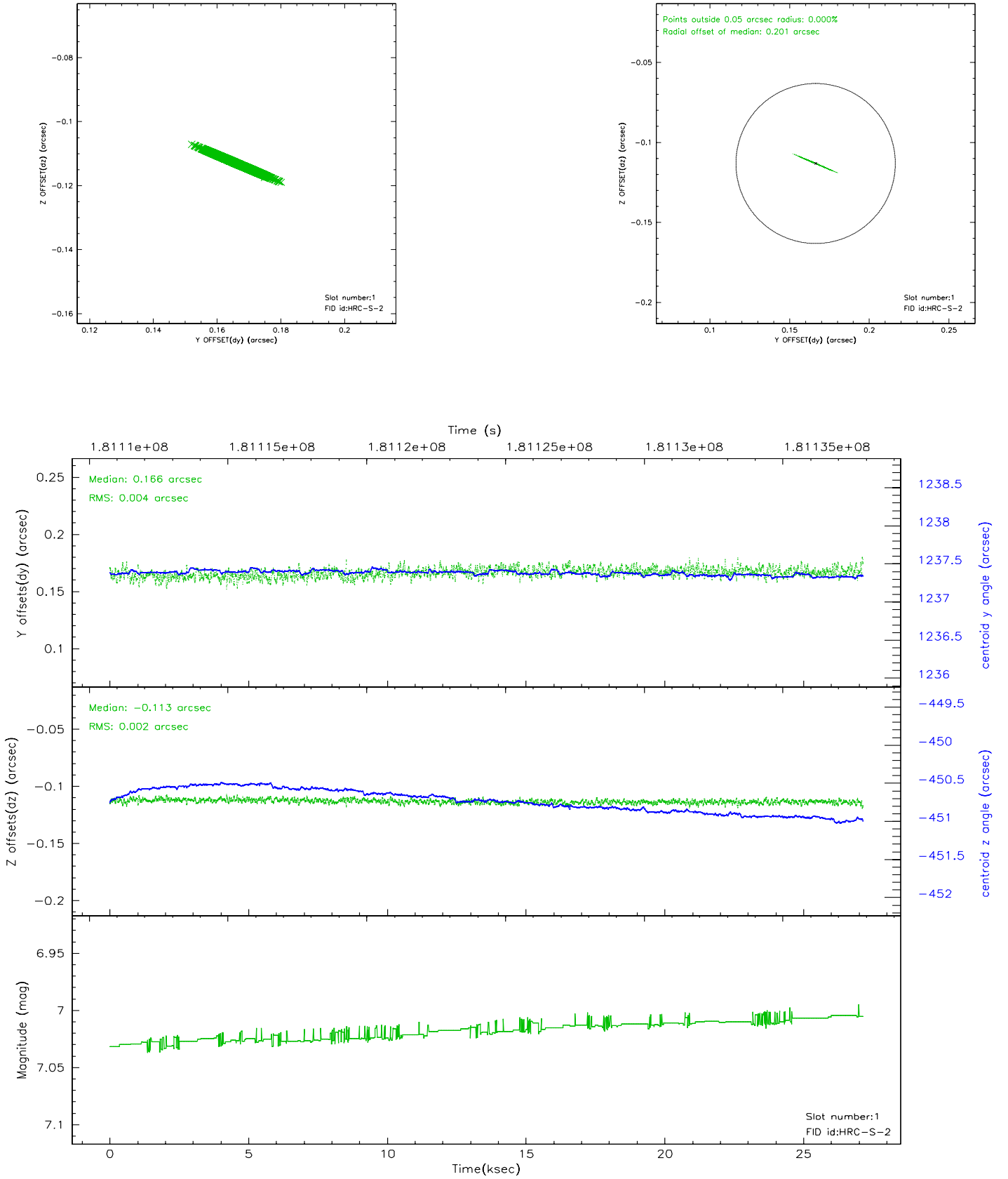


2.4.5 Slot 7

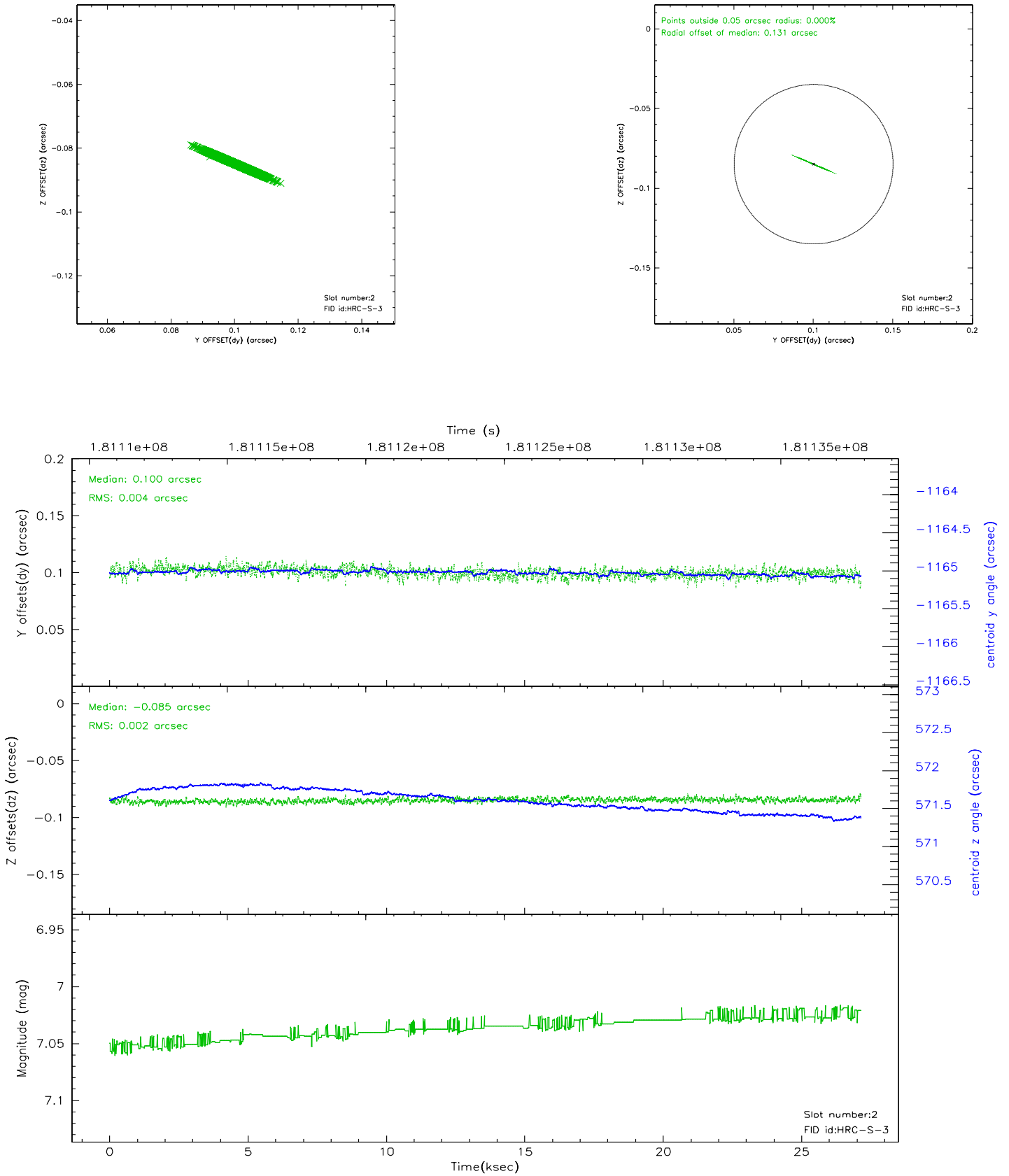


2.5 FID Slots

2.5.1 Slot 1

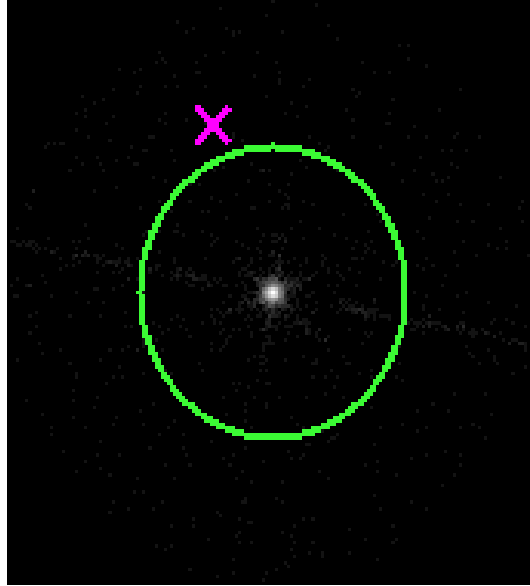


2.5.2 Slot 2



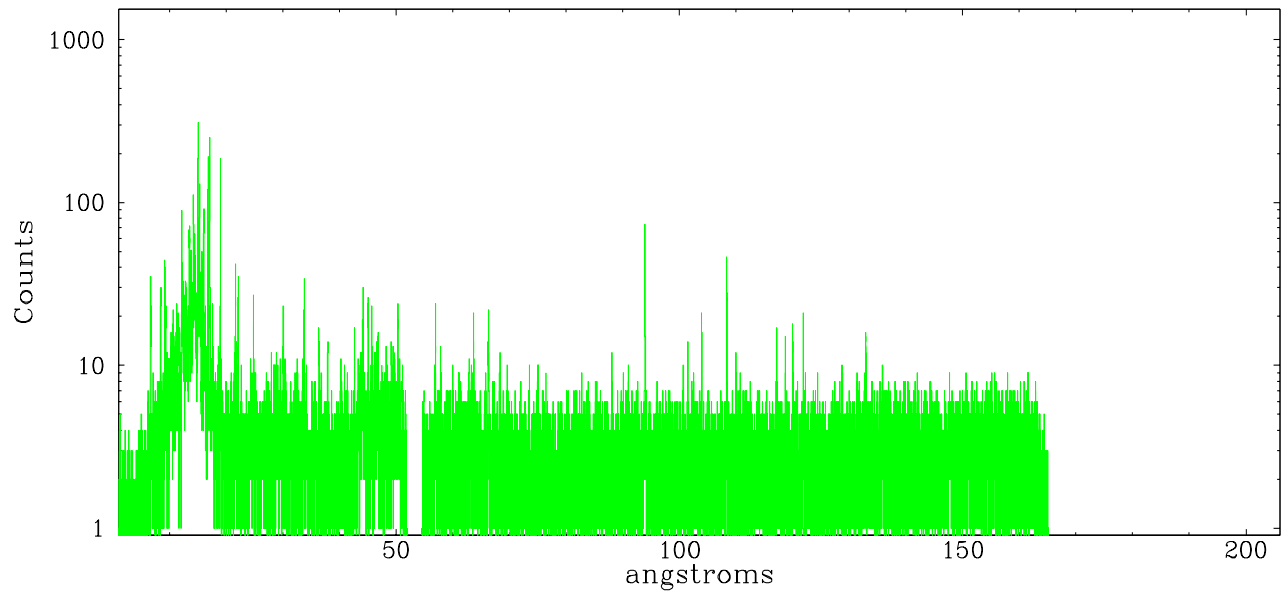
3 Gratings

3.1 LETG Arm

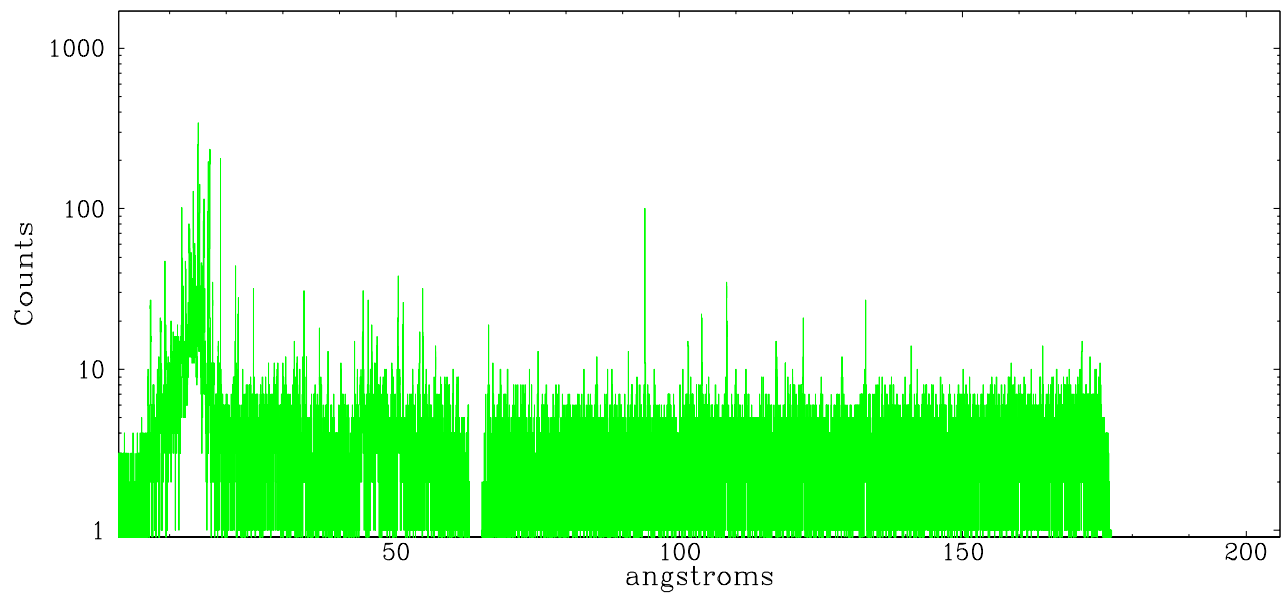


LETG Zero Order

leg order -1



leg order $+1$



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.07.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	27.157

A.2 Comments

Window constraint satisfied.

Slot 0 was not used.