

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 5957 - L2 Version 002
Chandra X-Ray Center

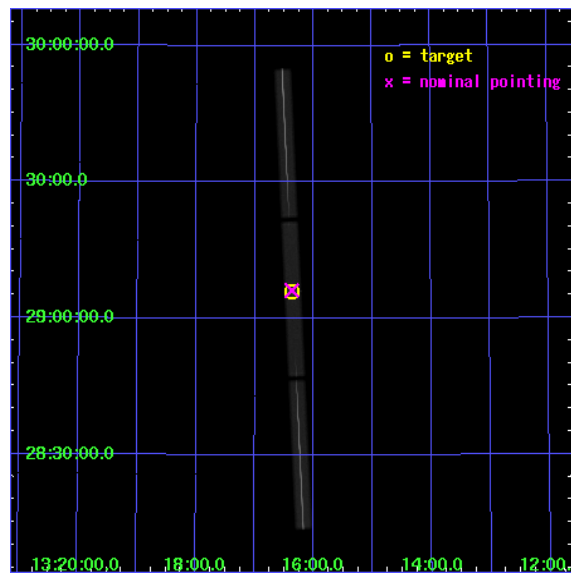
L2 Processing Date: Feb 21 2006

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1 Front

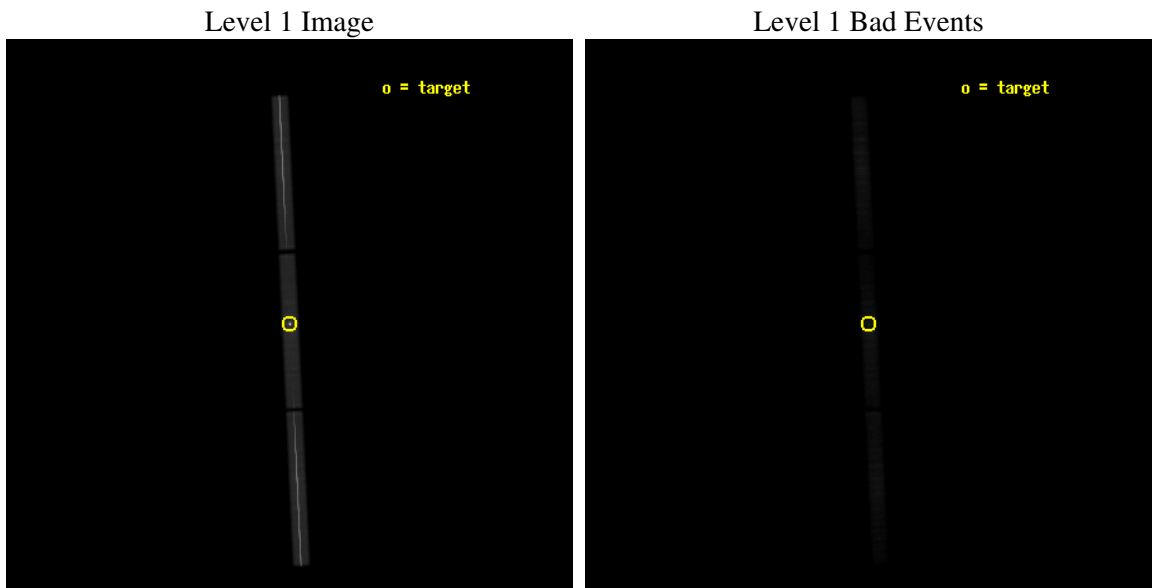
seq_num	290449
obs_id	5957
title	AO6 Calibration Observations of HZ43
observer	Dr. CXC Calibration
object	HZ43
ra_targ	199.092083
dec_targ	29.099
ra_nom	199.09242050069
dec_nom	29.103555684324
roll_nom	87.243919537698
revision	2
ontime	20185.582162768
livetime	20036.117047416
l2events	1817564



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.7
caldsver	3.2.1
date	2006-02-21T21:57:15
revision	2

sched_exp_time	20000.000000
ontime	20186.350912809
l1events	2386281

2.1.3 Events

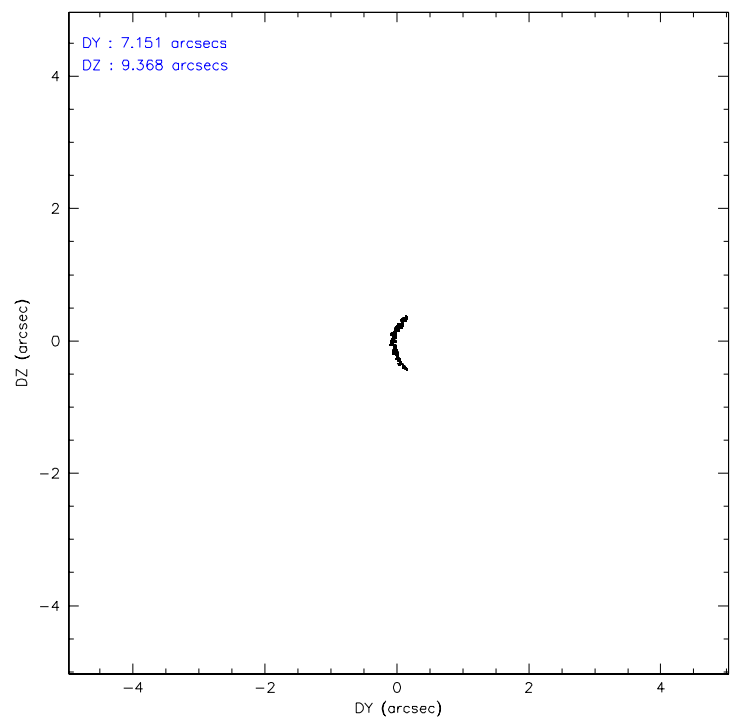
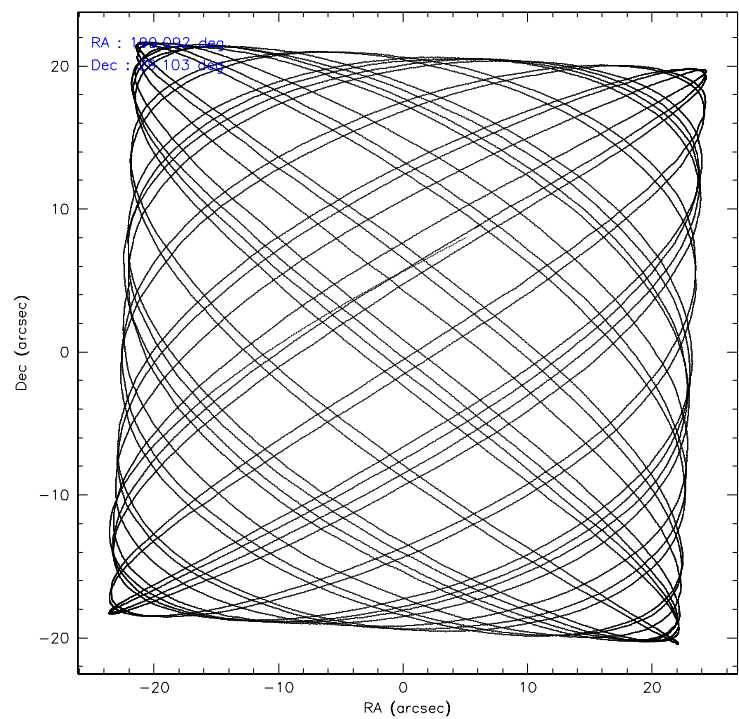
Level 1 Events

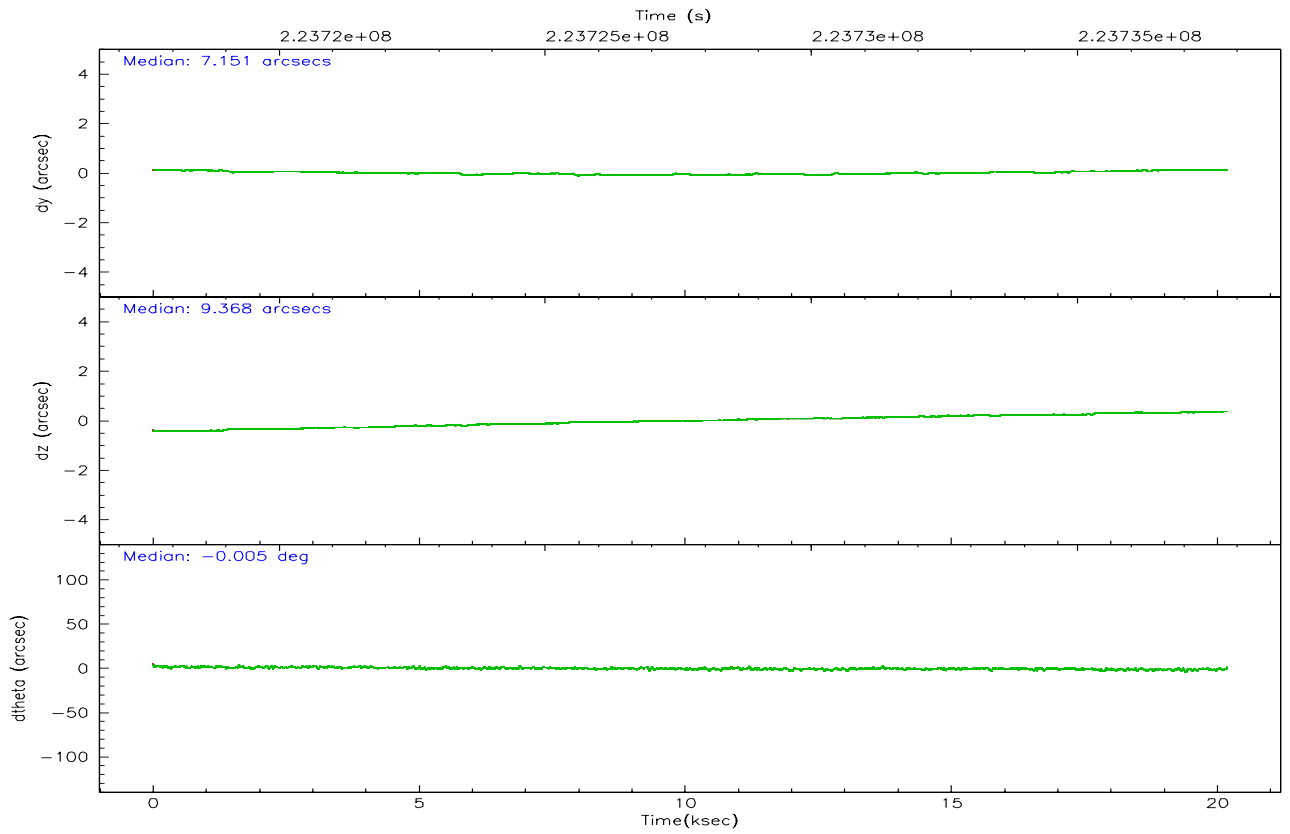
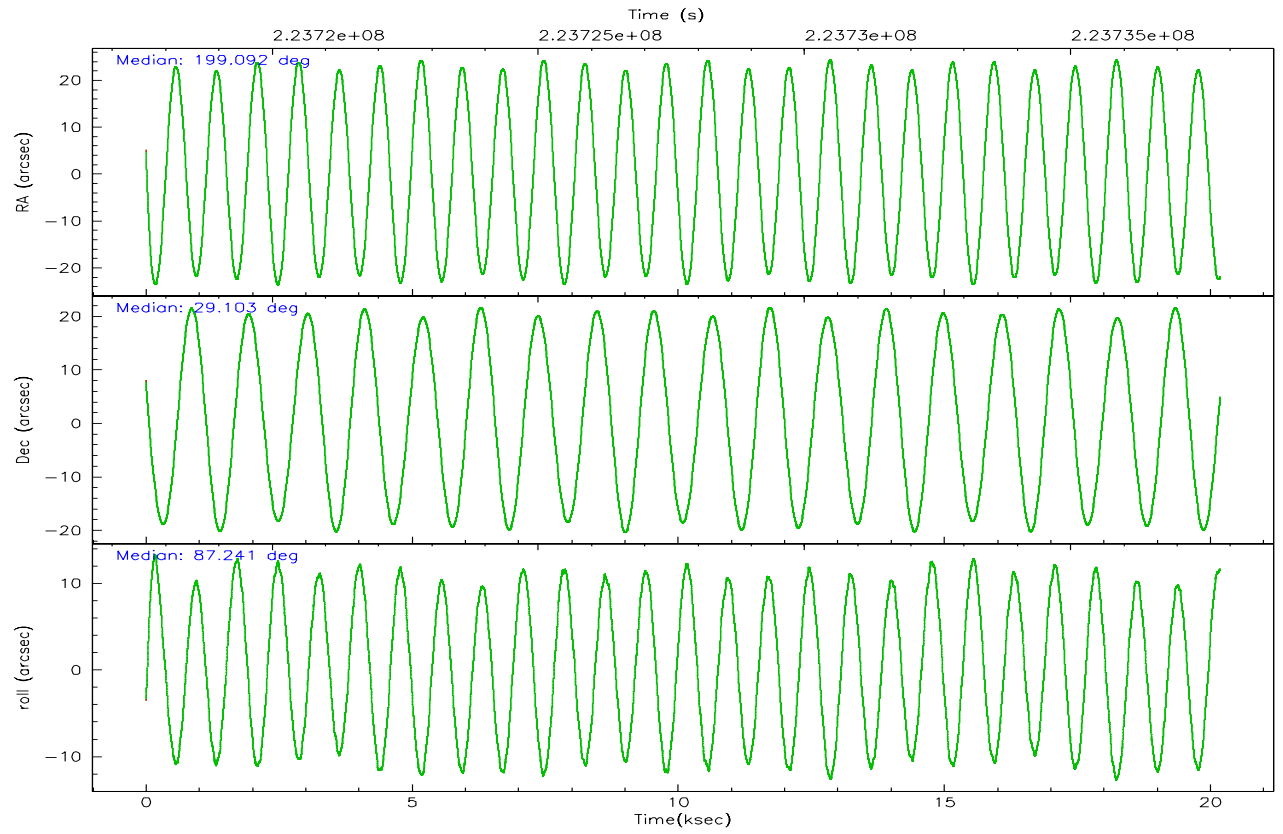
	segment 1	segment 2	segment 3
level 1 events	828631	715026	842624
rejected events	123203	132273	146209
rejected %	14%	18%	17%

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	199.108896	199.0924205006942			
Pointing Dec	29.078913	29.10355568432441			
Pointing Roll	87.168577	87.24391953769754			
Window start time	218246464.184000	218246464.184000			
Window stop time	225936064.184000	225936064.184000			
SIM focus pos (mm)	-1.429586	-1.428180813131781			
SIM defocus (mm)	0.1037507710433287	0.1051558262725154			
SIM translation stage pos (mm)	250.455976	250.4635187648994			
SIM translation stage offset (mm)	0	-0.007540371344731511			
Observation start time	223717816.184000	223716934.05049			
Observation start date	2005-02-02T07:49:12	2005-02-02T07:35:34			
Observation end time	223737816.184000	223739236.0015			
Observation end date	2005-02-02T13:22:32	2005-02-02T13:47:16			

2.3 Aspect



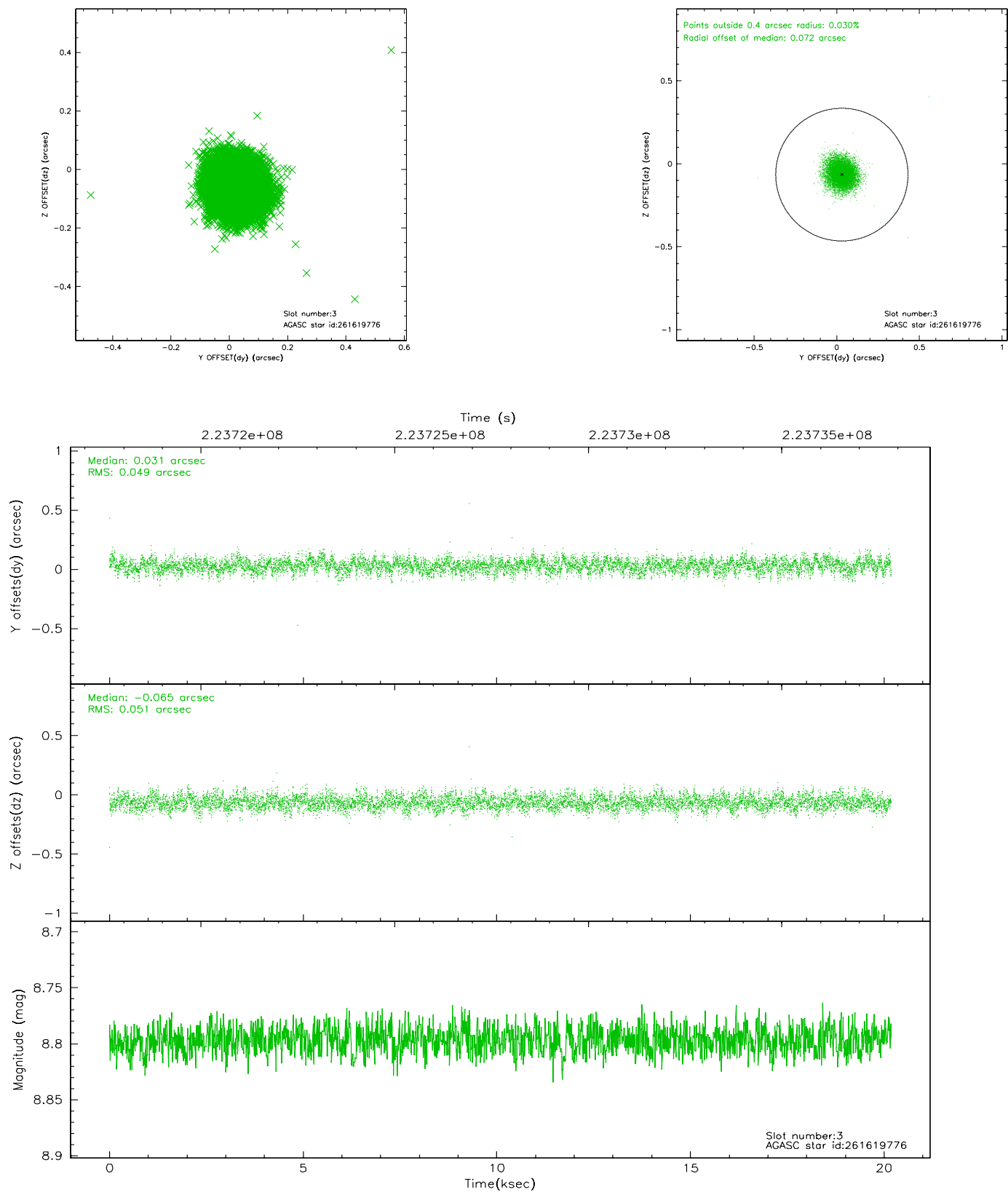


Slot Statistics

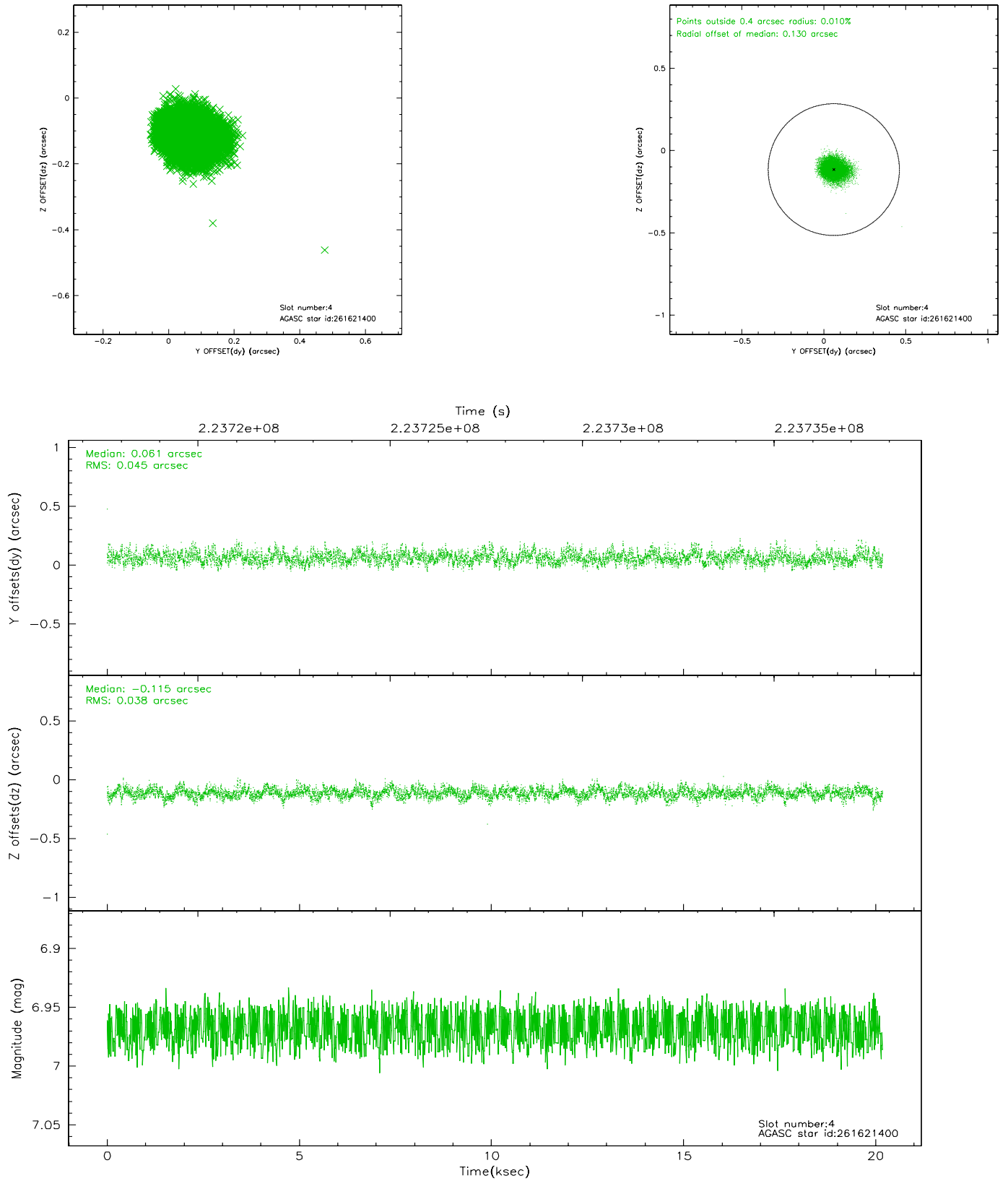
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.01	4924	0.084	-0.130	0.005	0.010	0.000000	0.000000	-1161.35	-457.97
1	FID	HRC-S-2	7.00	4924	0.120	-0.123	0.014	0.023	0.000000	0.000000	1238.13	-450.65
2	FID	HRC-S-4	6.97	4924	0.199	-0.051	0.013	0.021	0.000000	0.000000	1237.25	574.16
3	GUIDE	261619776	8.80	9844	0.031	-0.065	0.075	0.121	198.654383	29.401174	1091.20	1480.78
4	GUIDE	261621400	6.97	9848	0.061	-0.115	0.063	0.101	198.901600	28.741982	-1242.70	593.65
5	GUIDE	261624456	7.30	9846	0.103	0.197	0.060	0.097	199.758056	28.567828	-1729.74	-2140.21
6	GUIDE	261626352	8.62	9845	0.040	0.003	0.062	0.097	198.417097	29.781420	2426.10	2284.72
7	GUIDE	261623040	9.14	9835	-0.235	-0.020	0.082	0.135	198.792686	29.757643	2393.29	1108.05

2.4 Star Slots

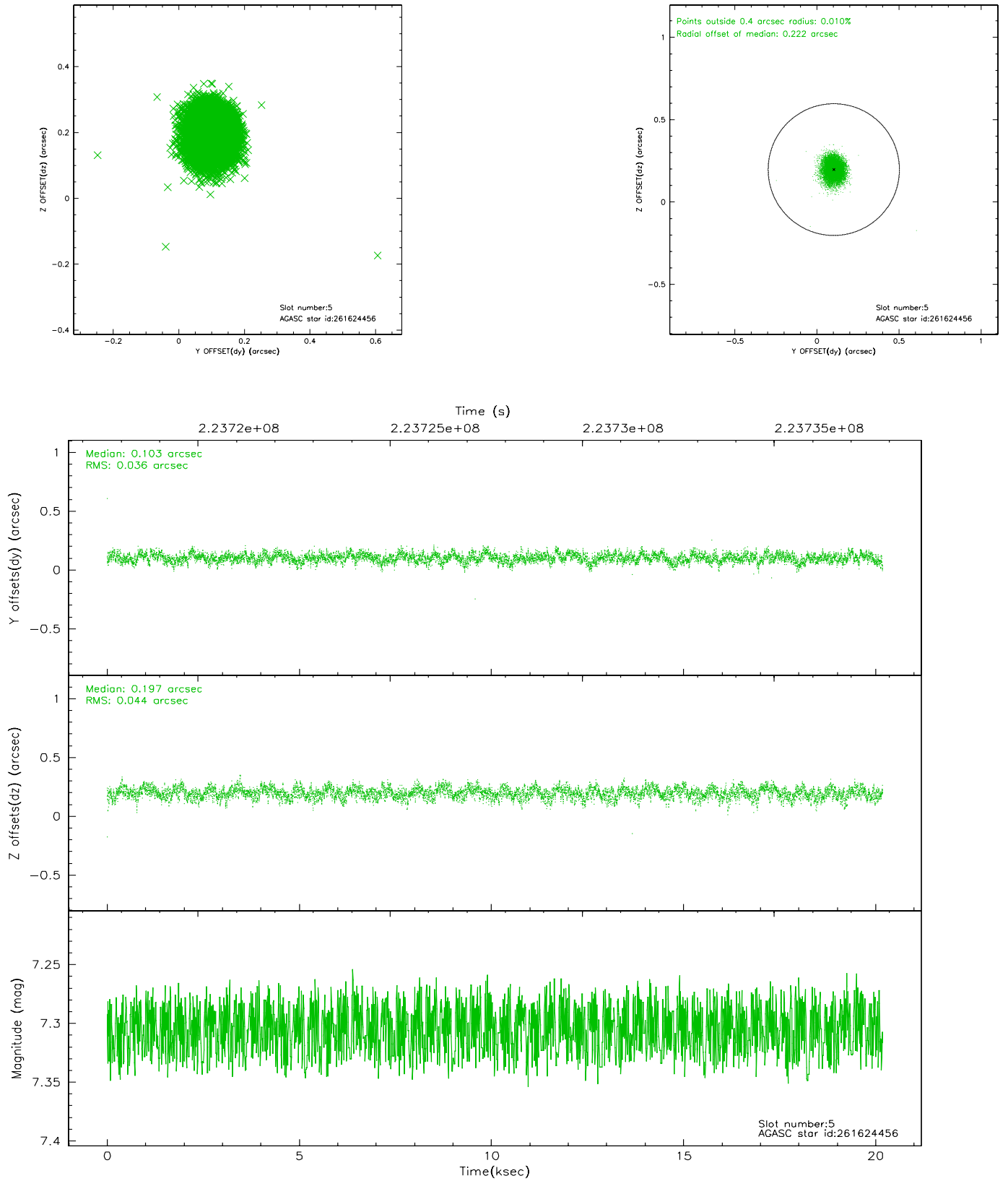
2.4.1 Slot 3



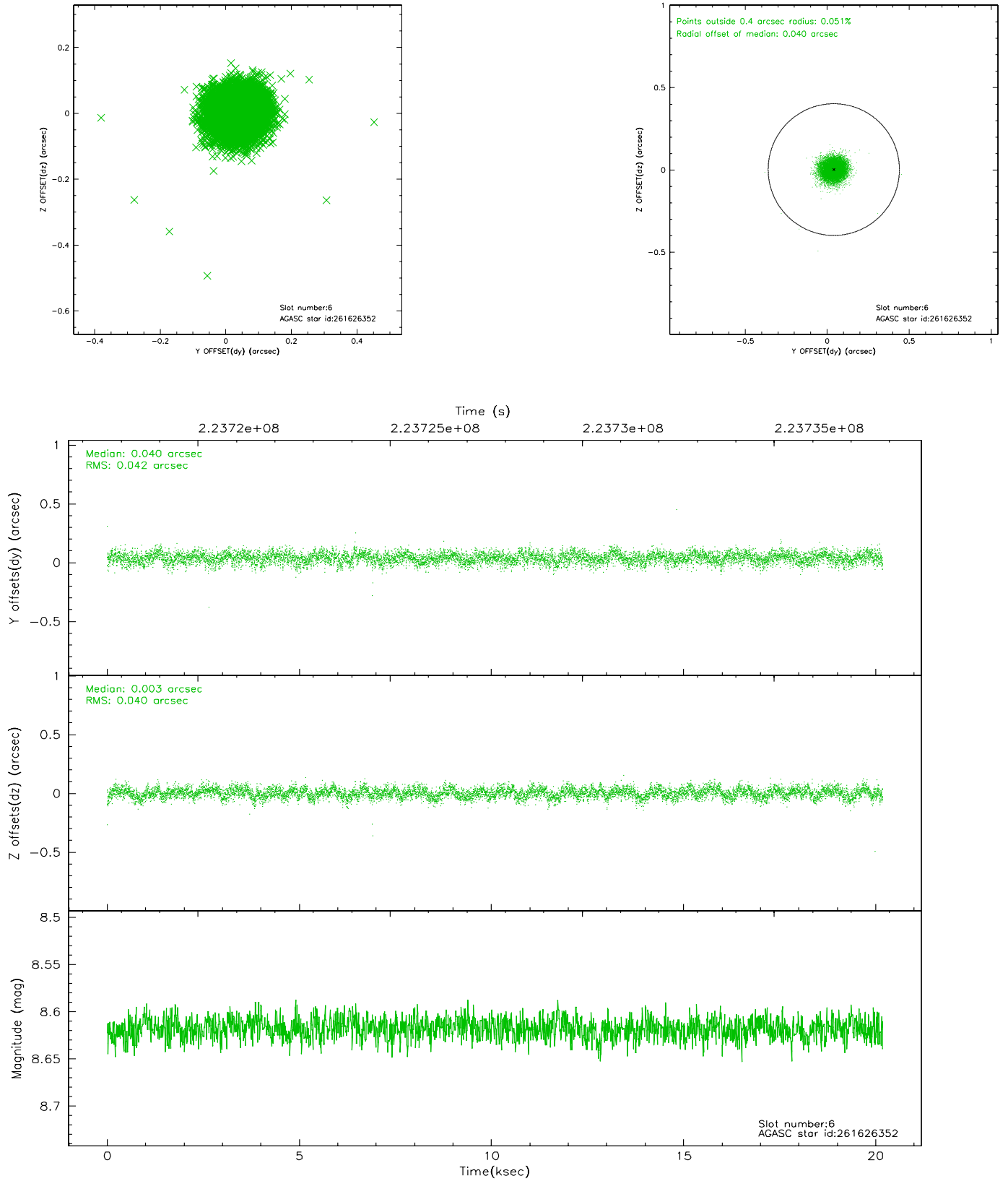
2.4.2 Slot 4



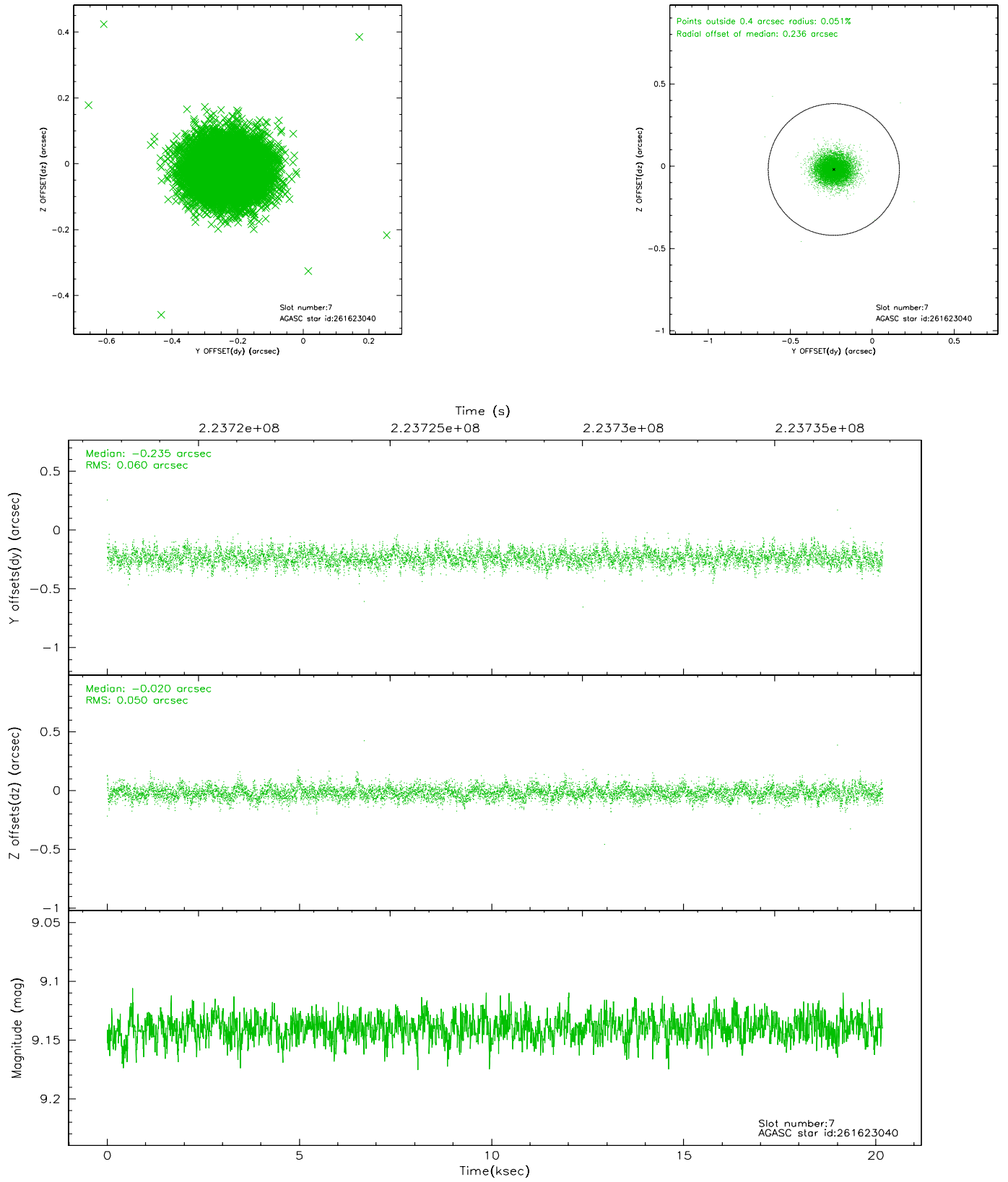
2.4.3 Slot 5



2.4.4 Slot 6

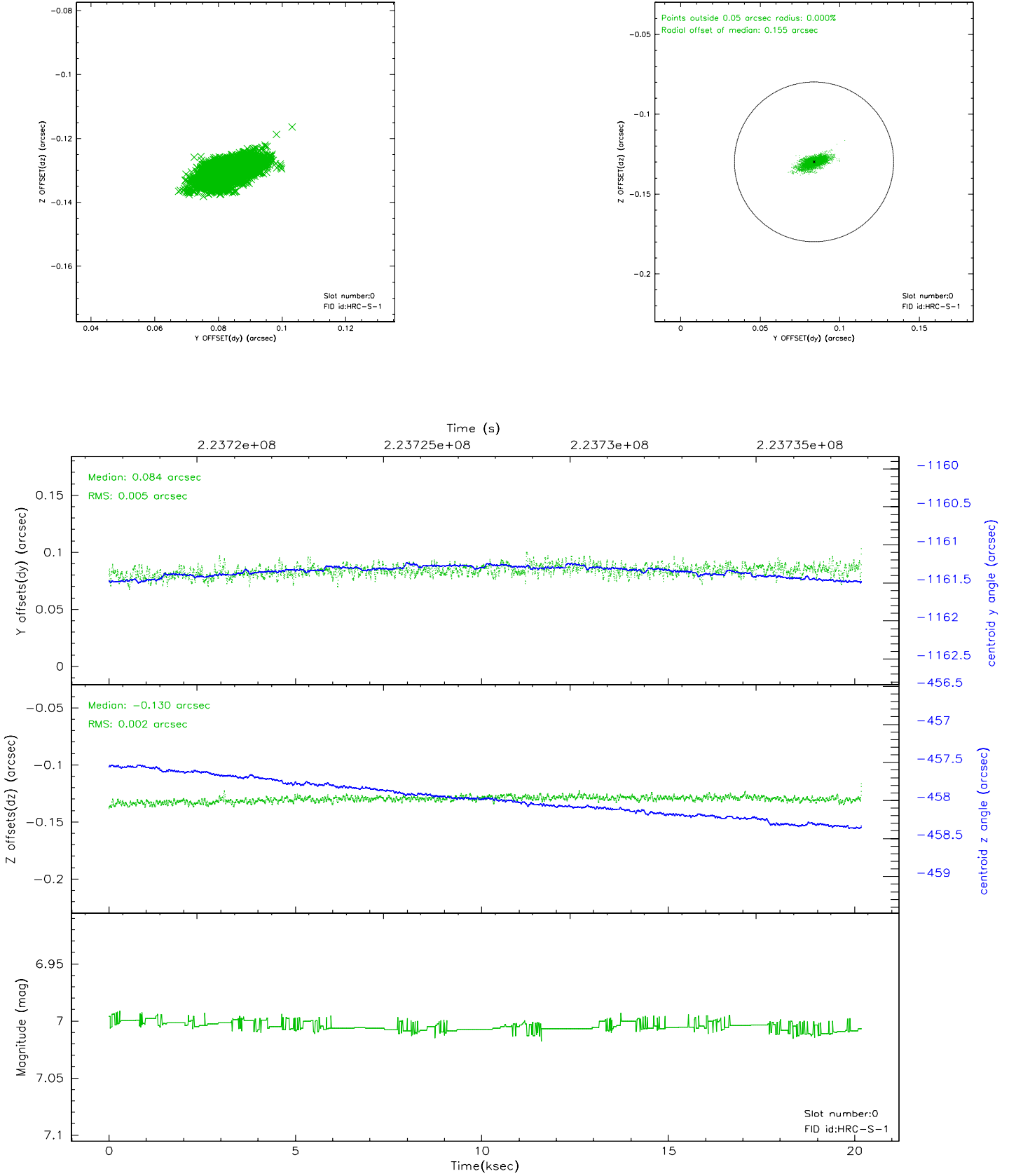


2.4.5 Slot 7

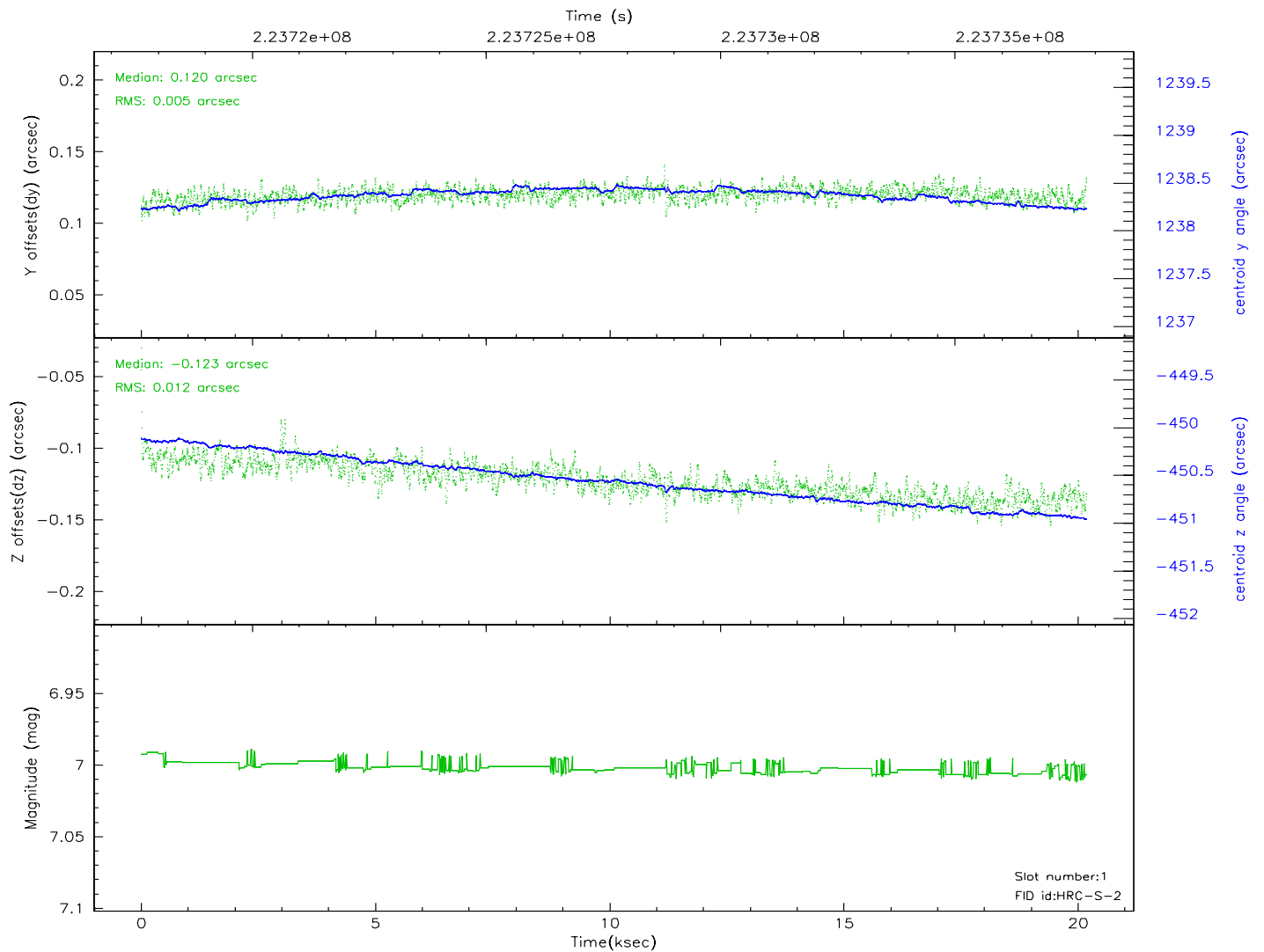
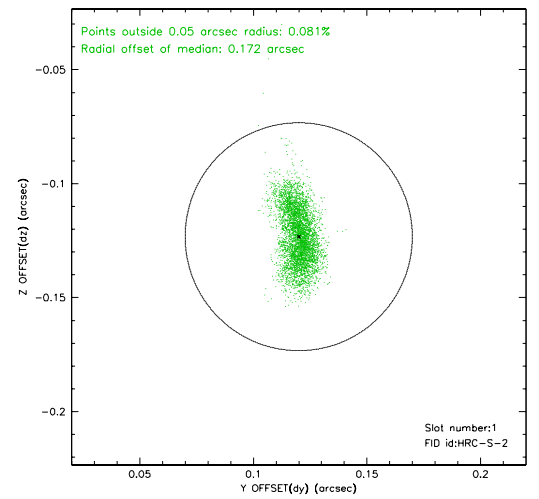
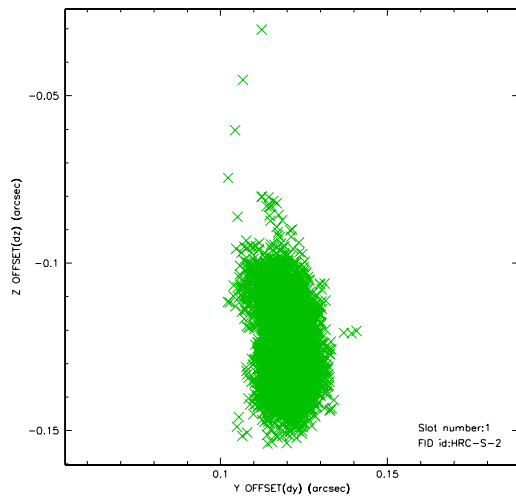


2.5 FID Slots

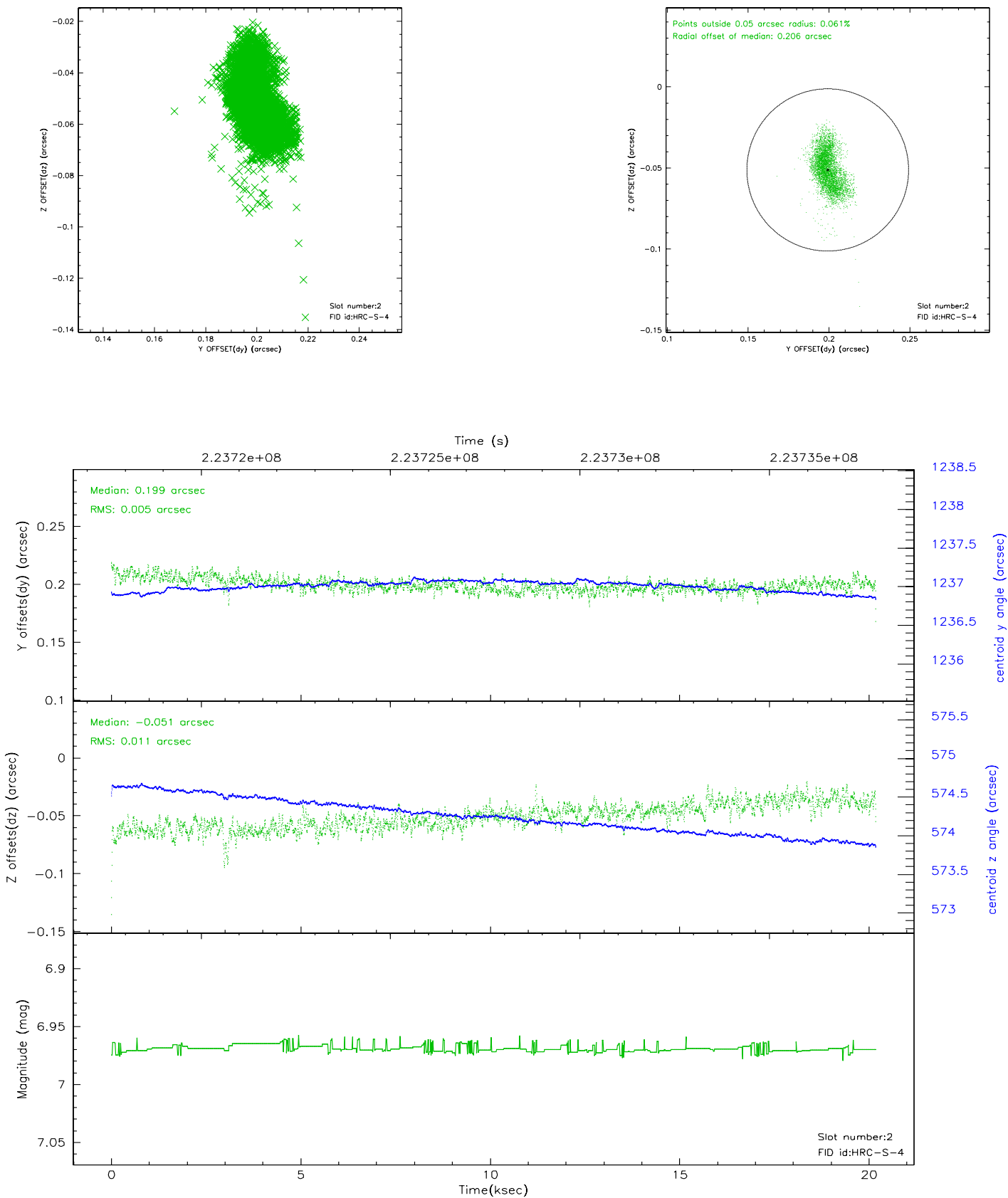
2.5.1 Slot 0



2.5.2 Slot 1

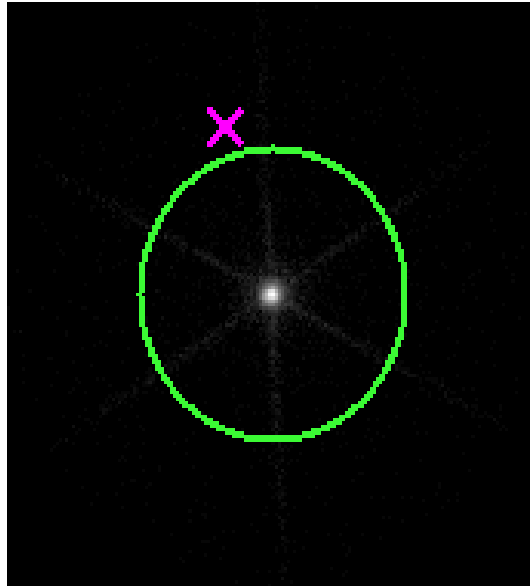


2.5.3 Slot 2



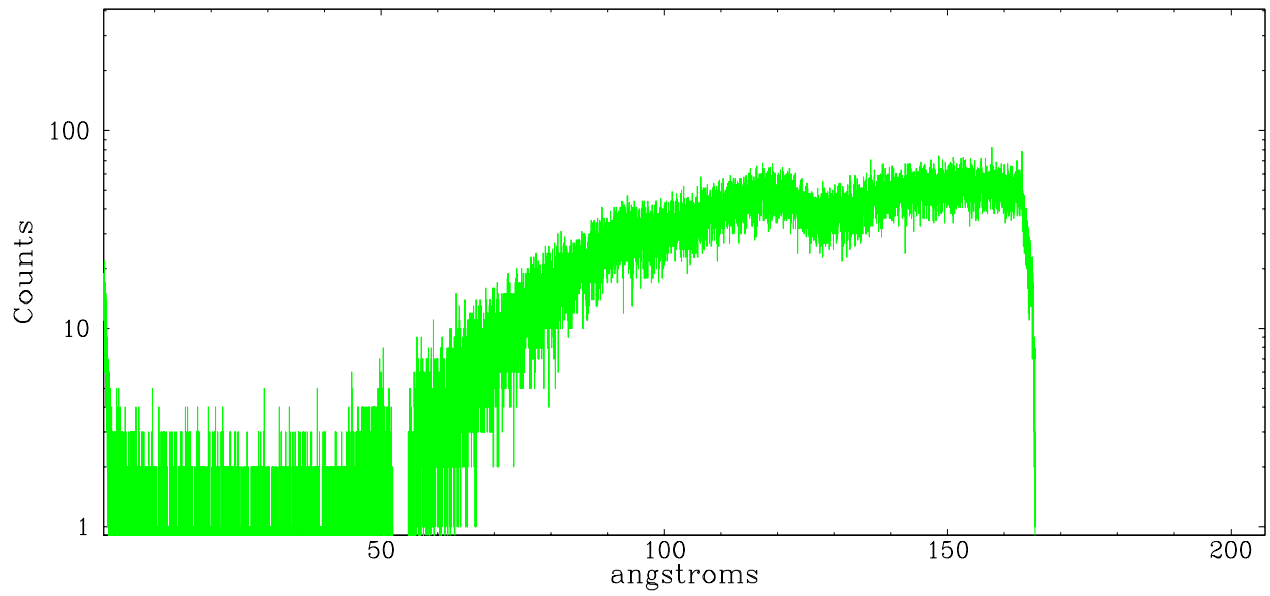
3 Gratings

3.1 LETG Arm

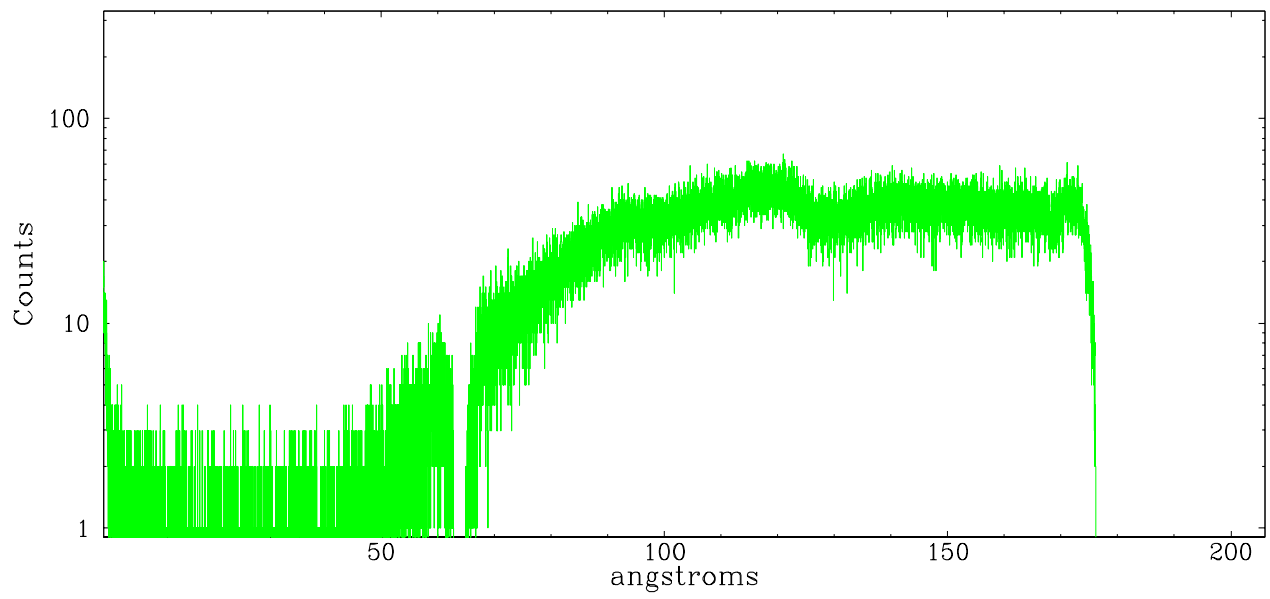


LETG Zero Order

leg order -1



leg order +1



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.02.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	20.18558

A.2 Comments

Window constraint satisfied.