

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 5440 - L2 Version 002
Chandra X-Ray Center

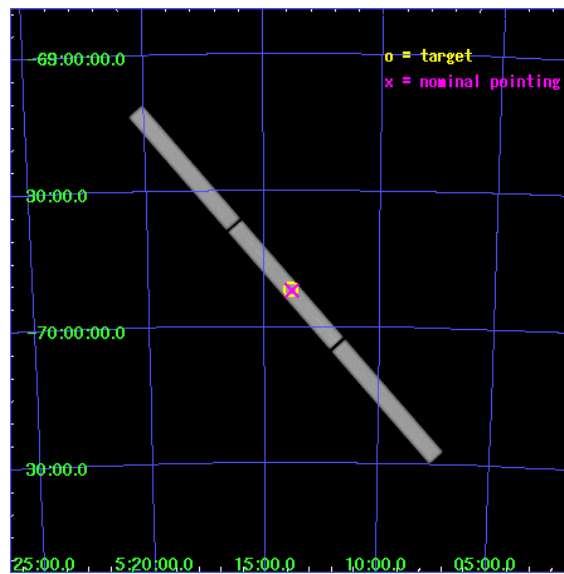
L2 Processing Date: Mar 2 2006

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1 Front

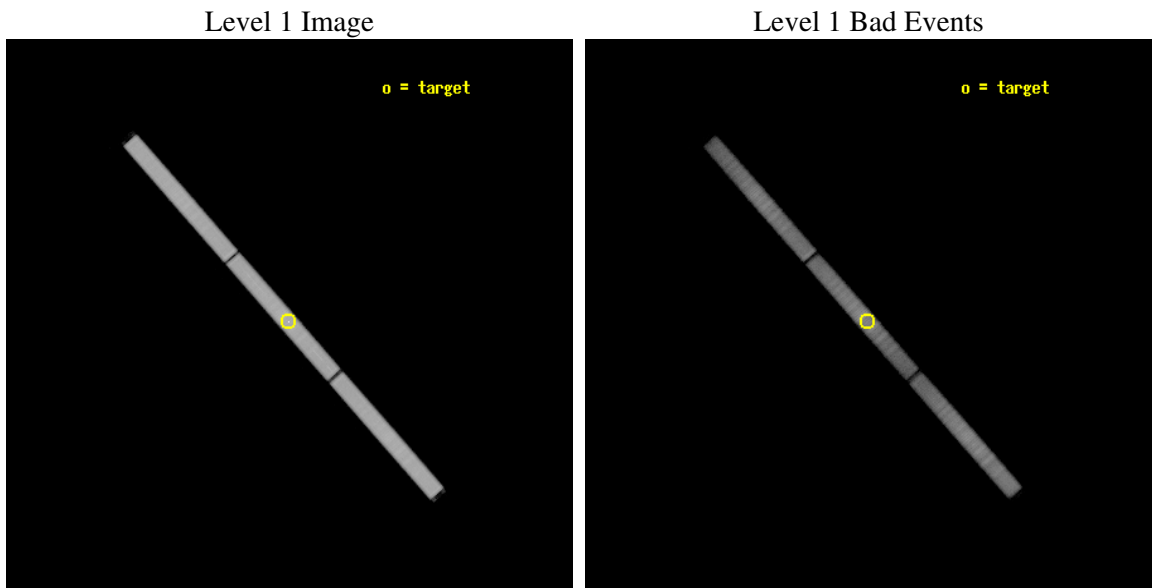
seq_num	300156
obs_id	5440
title	Testing Accretion Scenarios at the Eddington Limit
observer	Dr. Vadim Burwitz
object	RXJ0513.9-6951
ra_targ	78.461667
dec_targ	-69.863056
ra_nom	78.452399401939
dec_nom	-69.866520498348
roll_nom	228.55294143092
revision	2
ontime	24712.751123697
livetime	24550.705286442
l2events	1341341



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	2006-03-02T05:17:15
revision	2

sched_exp_time	24600.000000
ontime	24715.057373792
l1events	2052520

2.1.3 Events

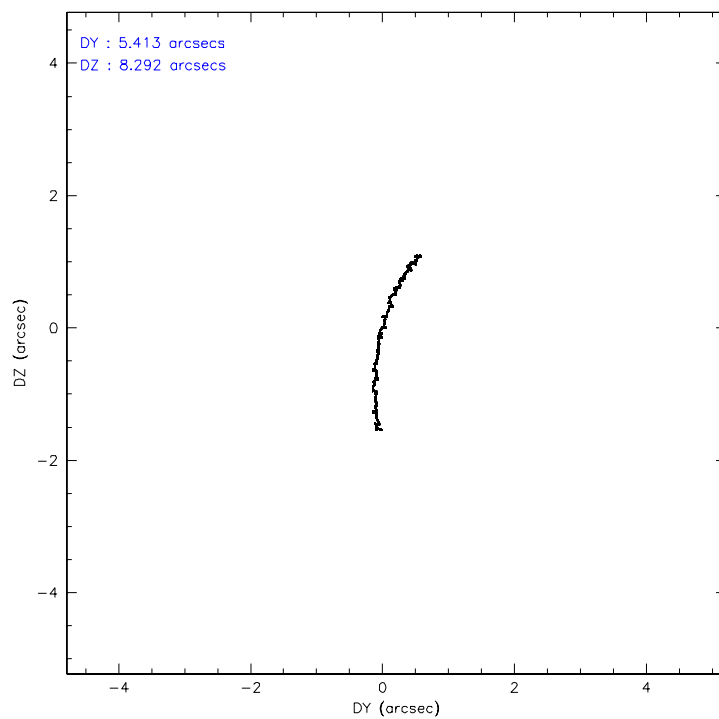
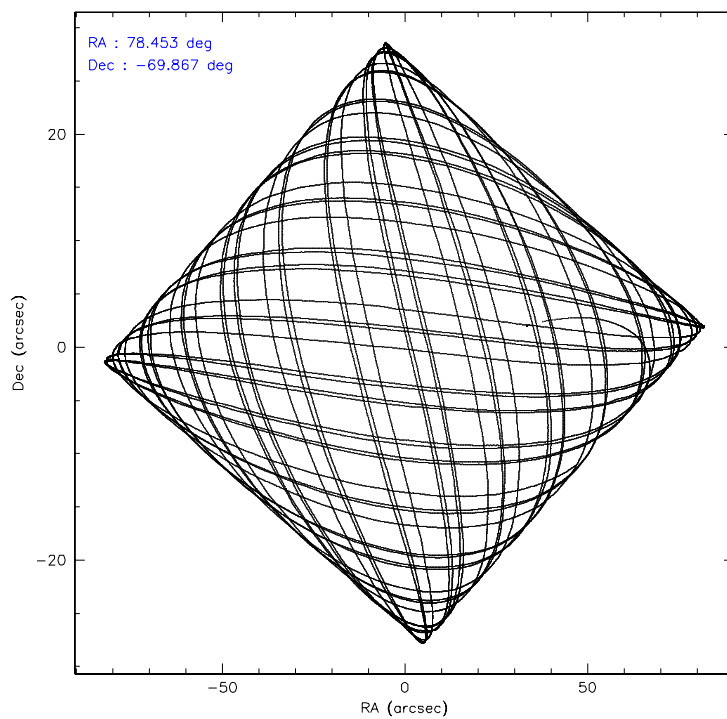
Level 1 Events

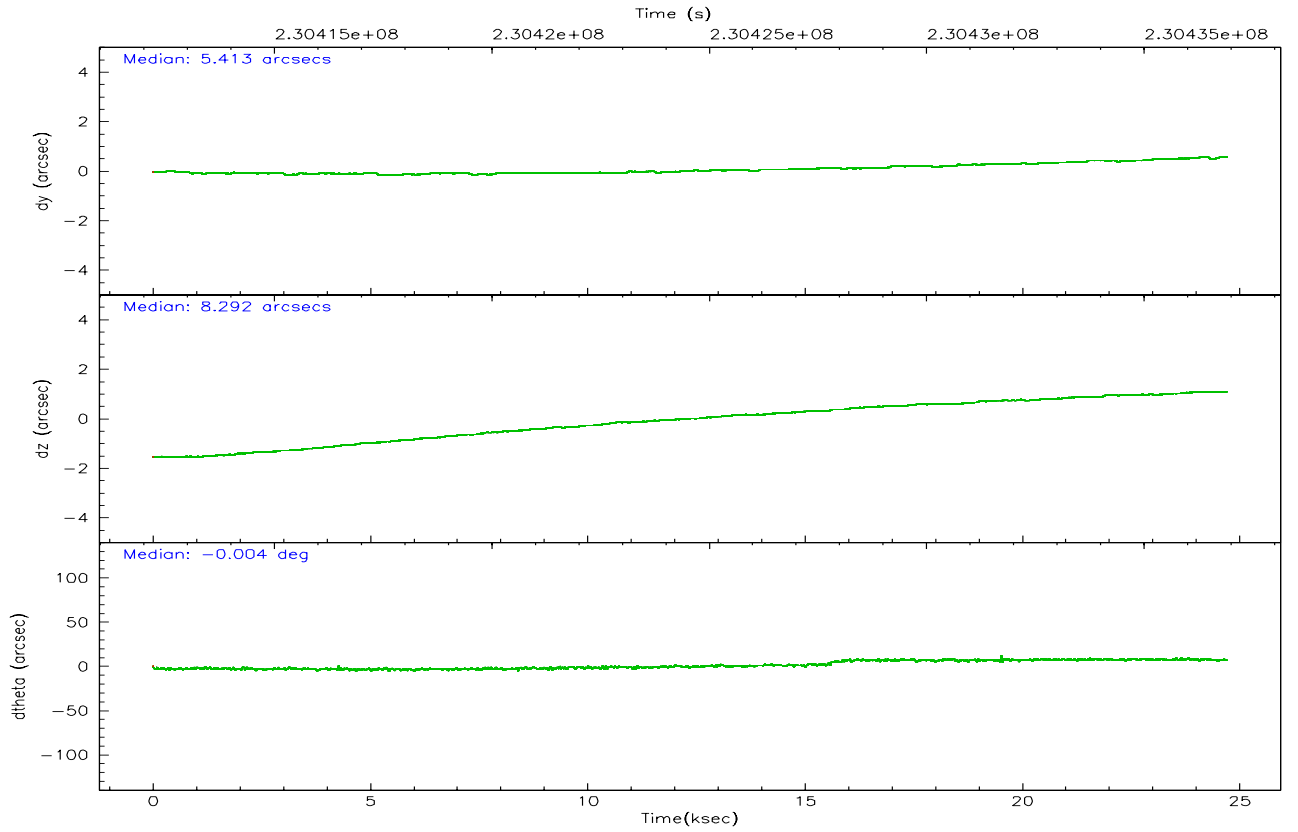
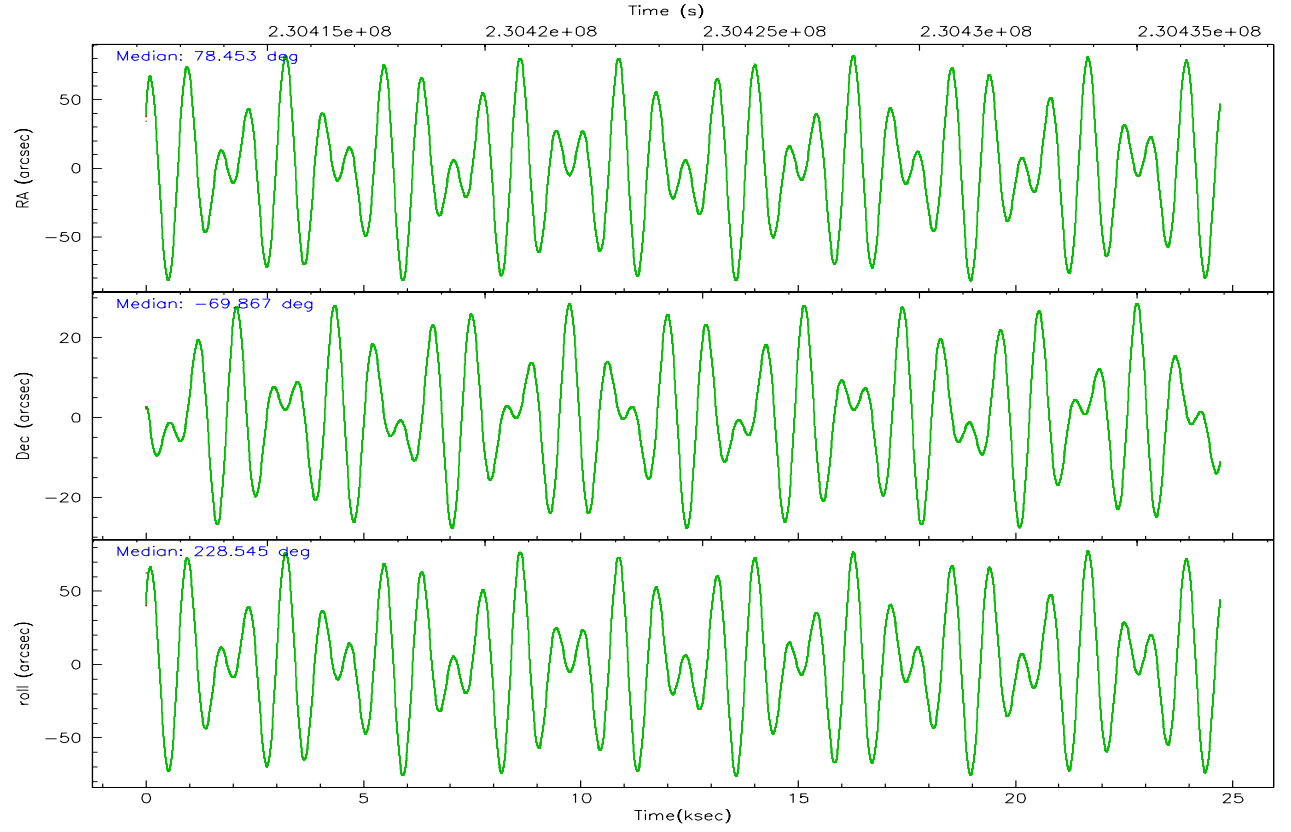
	segment 1	segment 2	segment 3
level 1 events	683564	680201	688755
rejected events	158679	172949	190125
rejected %	23%	25%	27%

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	78.464777	78.45239940193892			
Pointing Dec	-69.838193	-69.86652049834795			
Pointing Roll	228.497225	228.5529414309195			
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	230412318.184000	230411213.454			
Observation start date	2005-04-20T19:24:14	2005-04-20T19:06:53			
Observation end time	230436918.184000	230437712.2677			
Observation end date	2005-04-21T02:14:14	2005-04-21T02:28:32			

2.3 Aspect



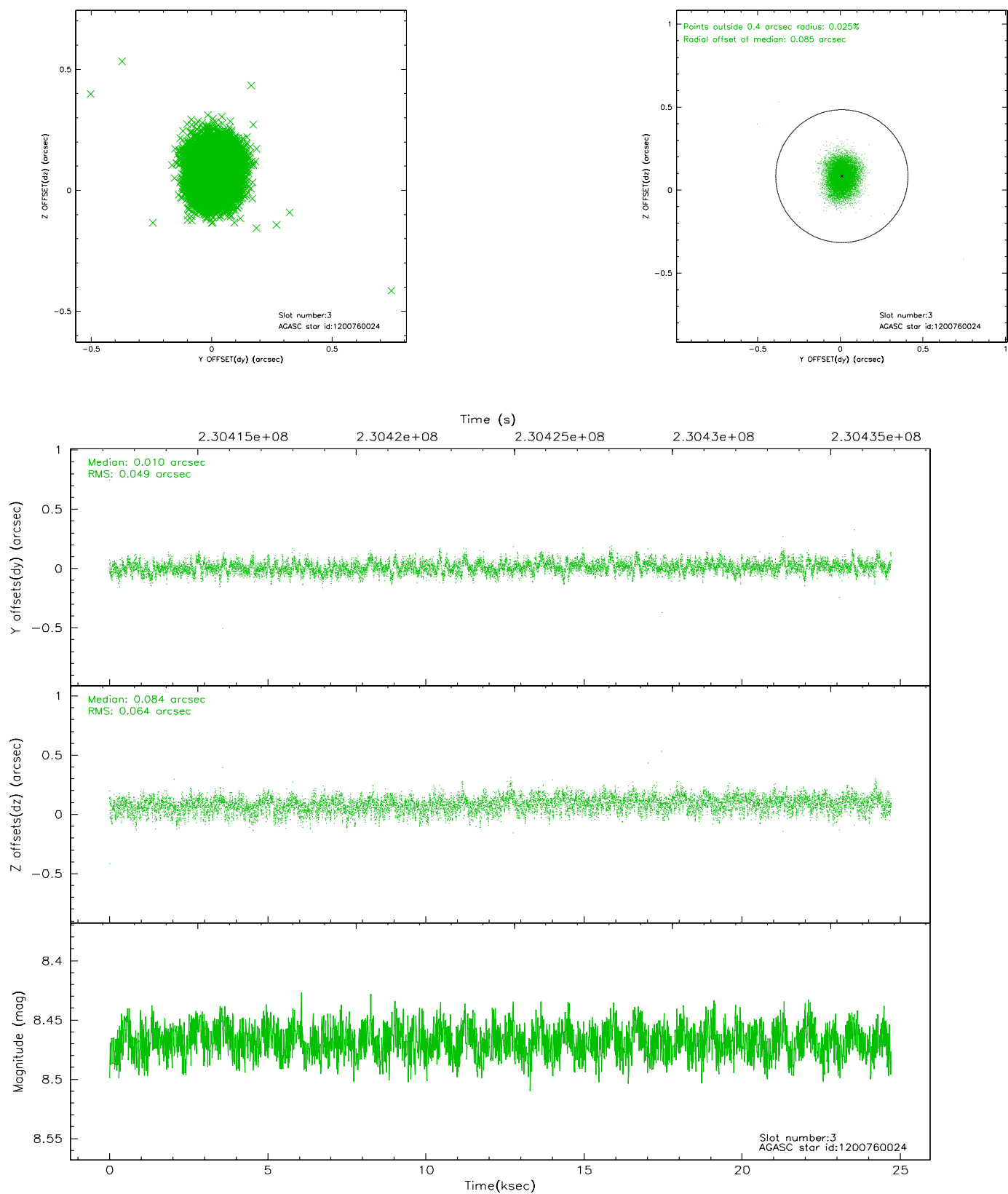


Slot Statistics

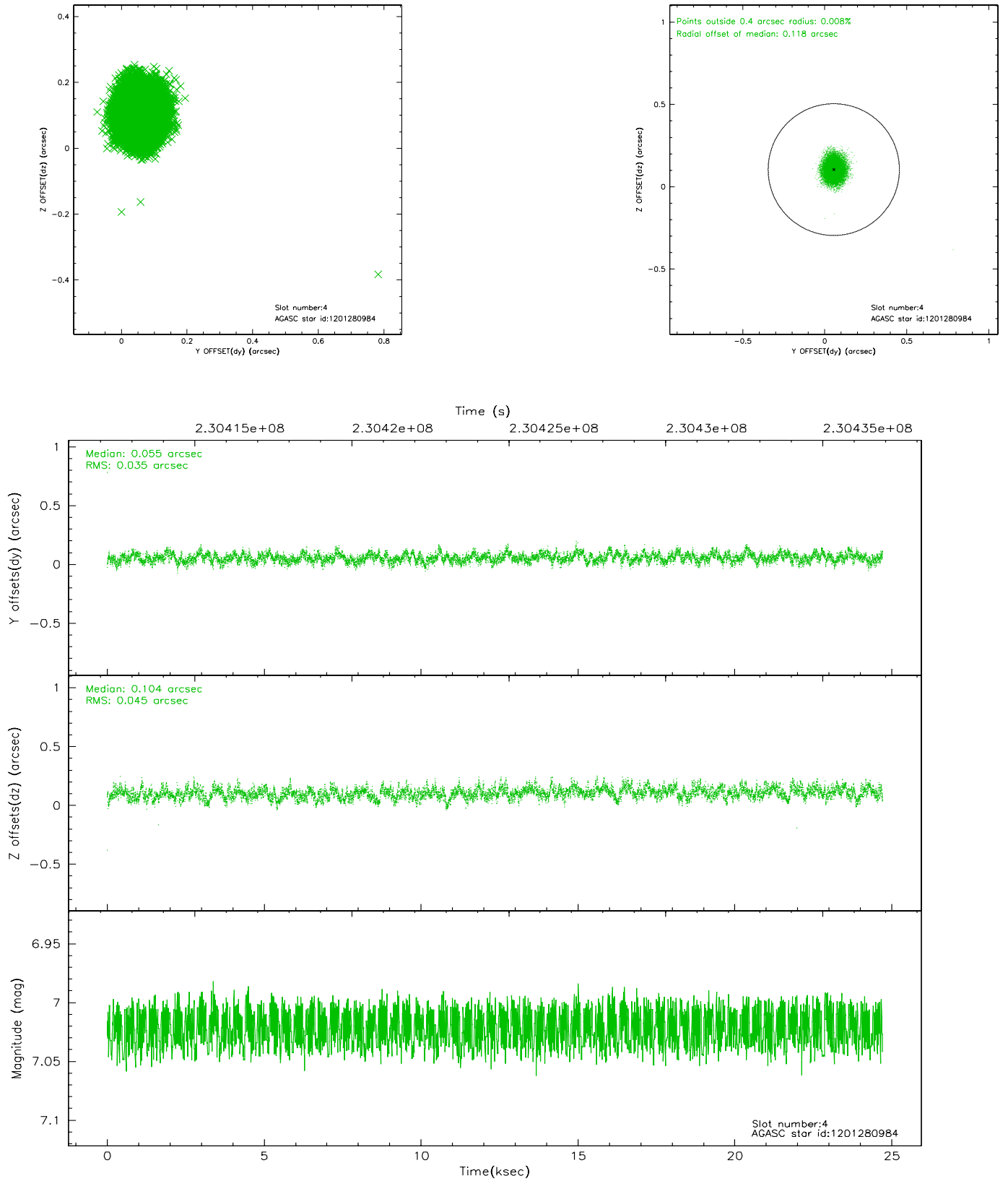
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-2	6.99	6029	0.136	-0.160	0.033	0.049	0.000000	0.000000	1240.08	-449.45
1	FID	HRC-S-3	7.00	6027	0.135	-0.098	0.011	0.021	0.000000	0.000000	-1162.12	572.69
2	FID	HRC-S-4	6.94	6028	0.131	-0.036	0.035	0.053	0.000000	0.000000	1238.45	575.49
3	GUIDE	1200760024	8.47	12053	0.010	0.084	0.085	0.139	77.625244	-69.320410	-682.94	-2029.72
4	GUIDE	1201280984	7.02	12056	0.055	0.104	0.061	0.097	77.867422	-69.546090	-286.56	-1257.43
5	GUIDE	1201407648	9.15	12054	0.058	0.014	0.098	0.160	78.636737	-70.585025	1877.30	1935.94
6	GUIDE	1201411776	8.86	12030	0.056	-0.057	0.099	0.155	79.010603	-70.456328	1233.03	1968.93
7	GUIDE	1201409432	9.03	12042	-0.173	-0.143	0.095	0.154	79.317334	-70.259796	454.95	1786.87

2.4 Star Slots

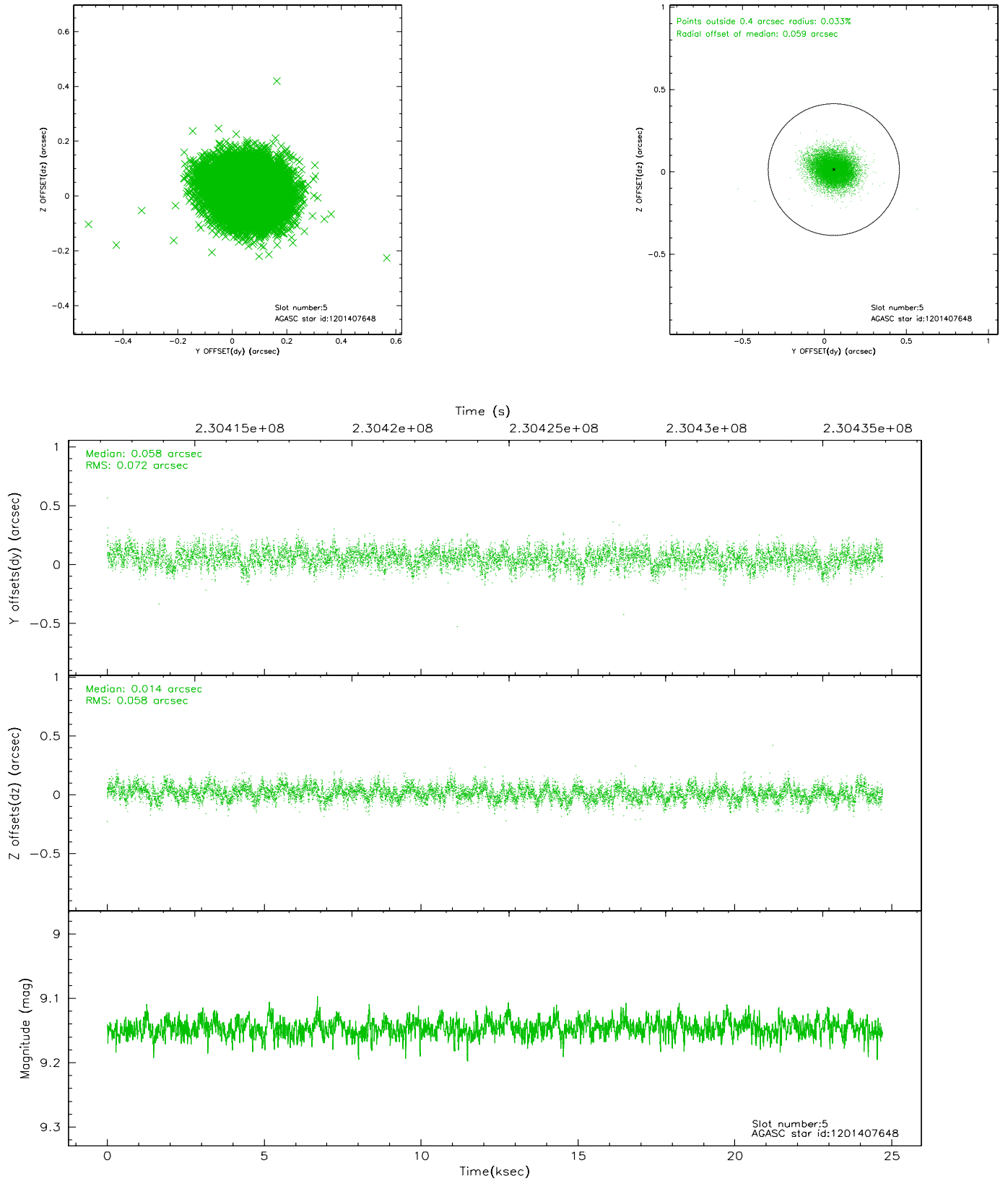
2.4.1 Slot 3



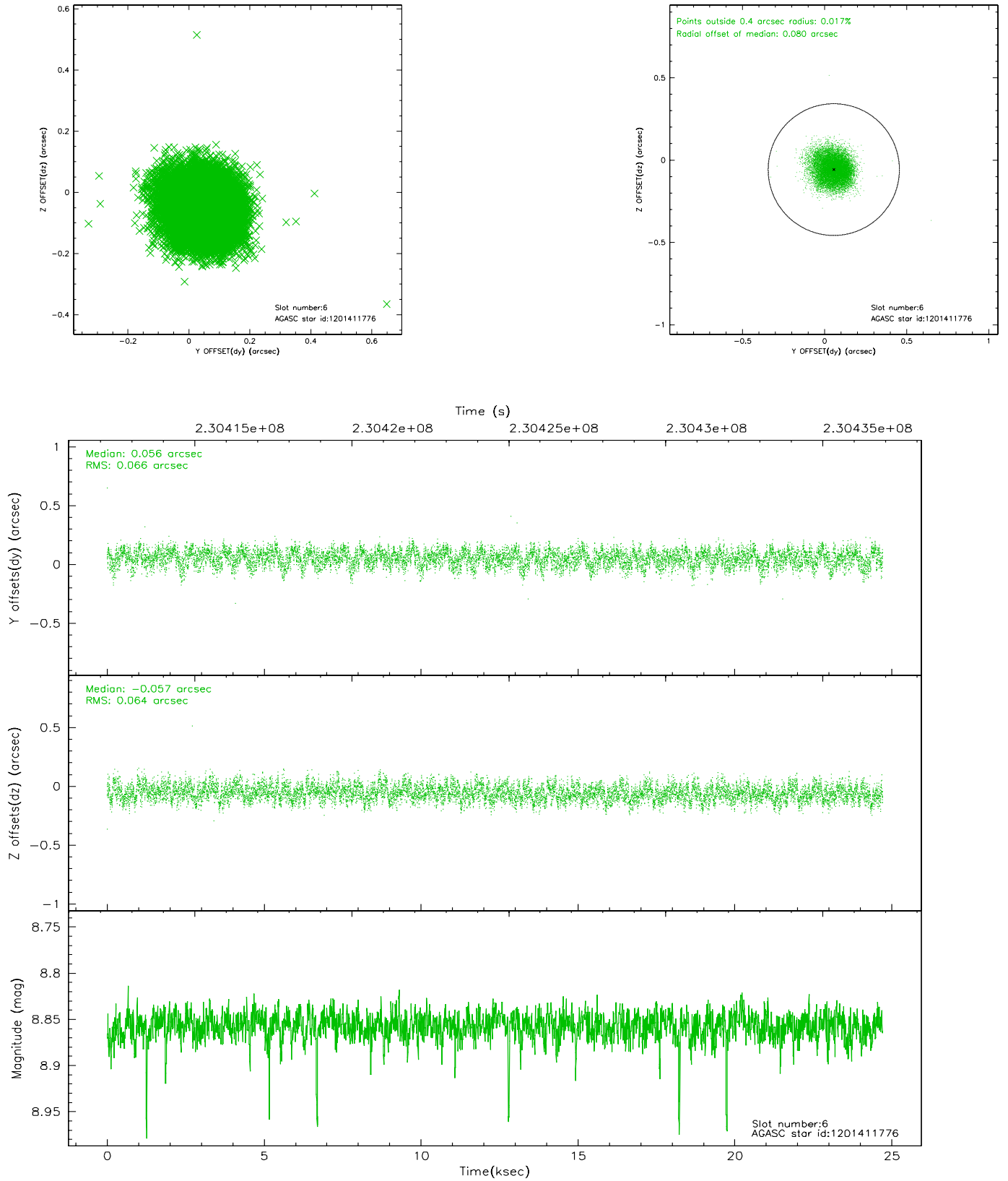
2.4.2 Slot 4



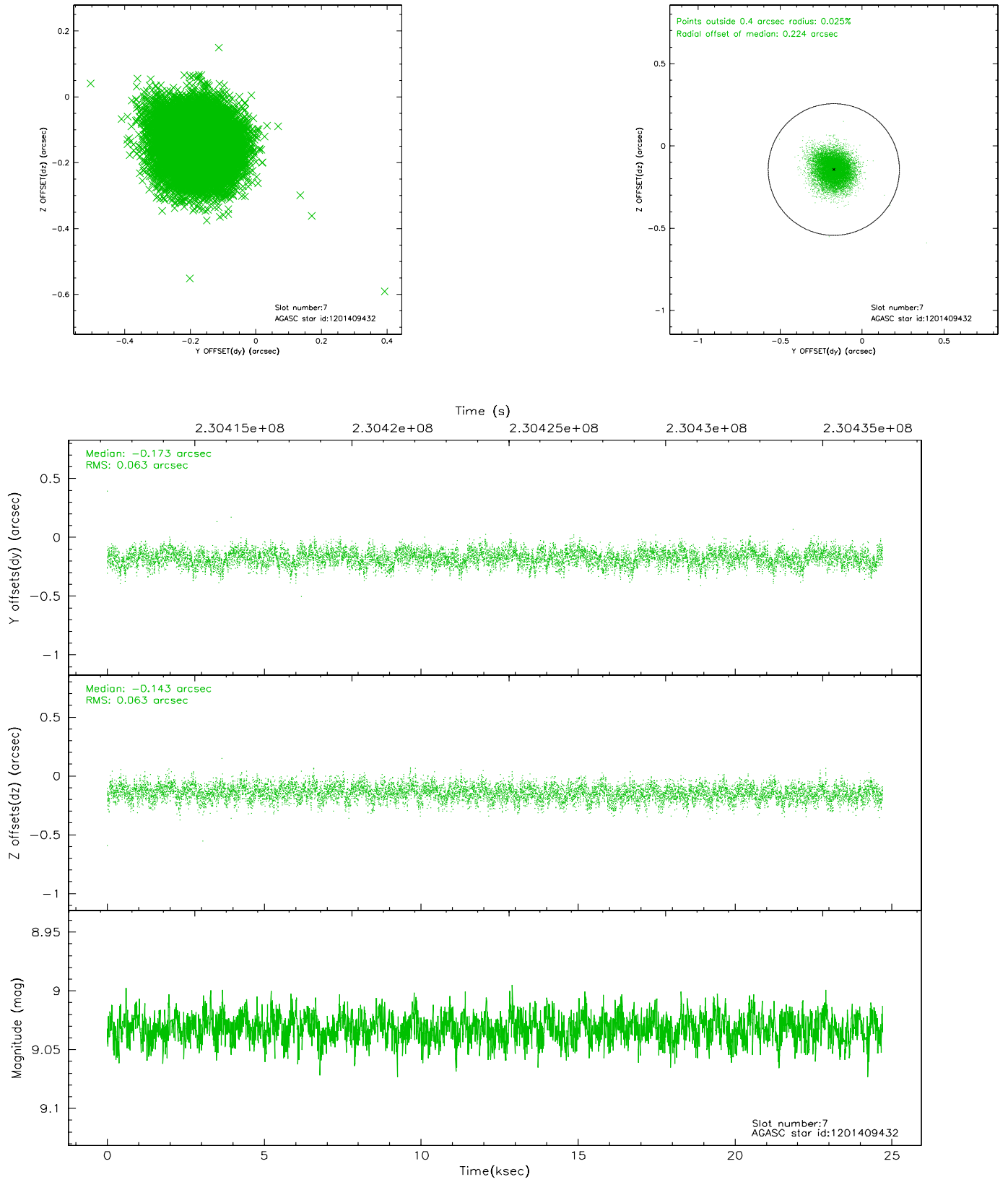
2.4.3 Slot 5



2.4.4 Slot 6

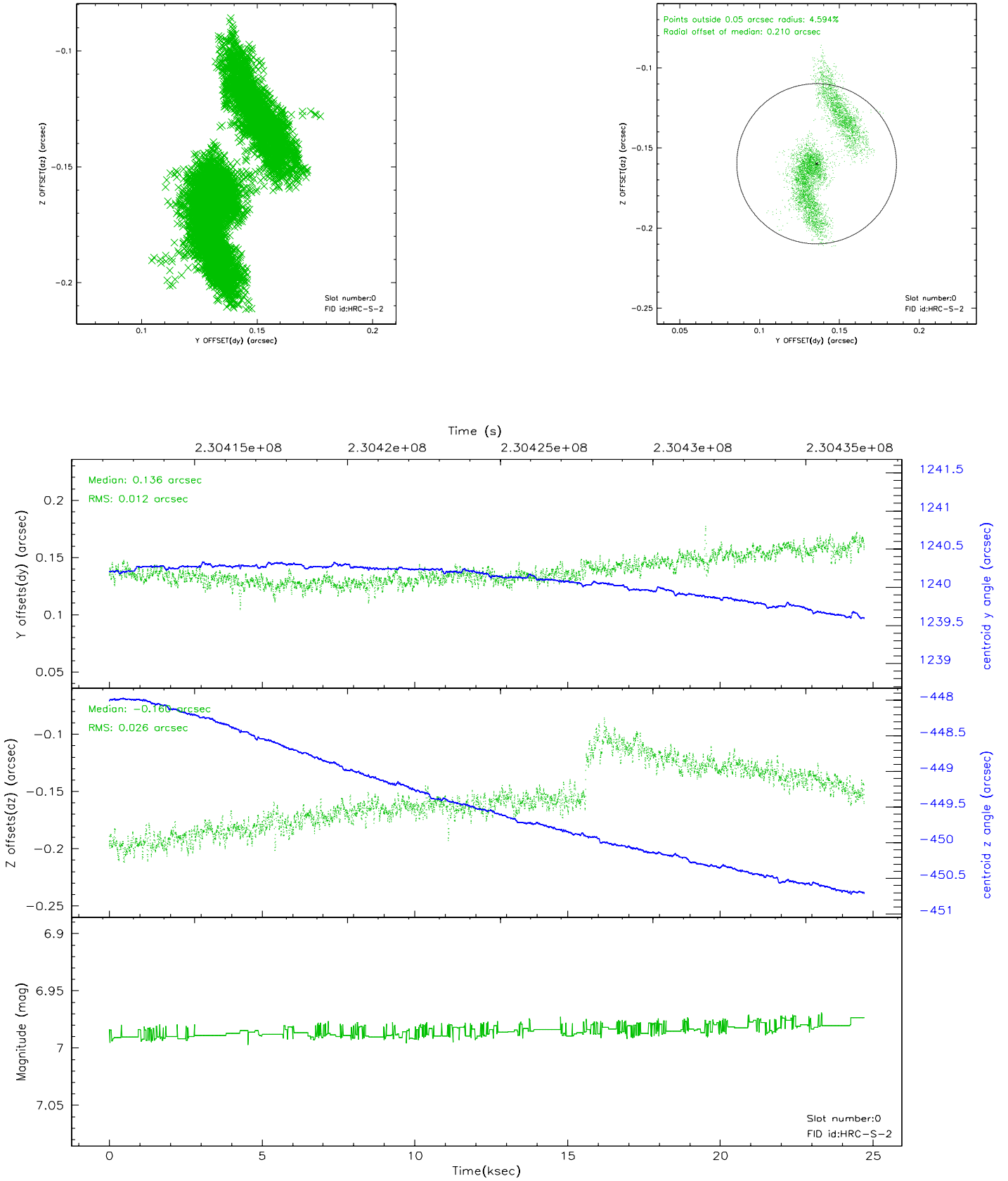


2.4.5 Slot 7

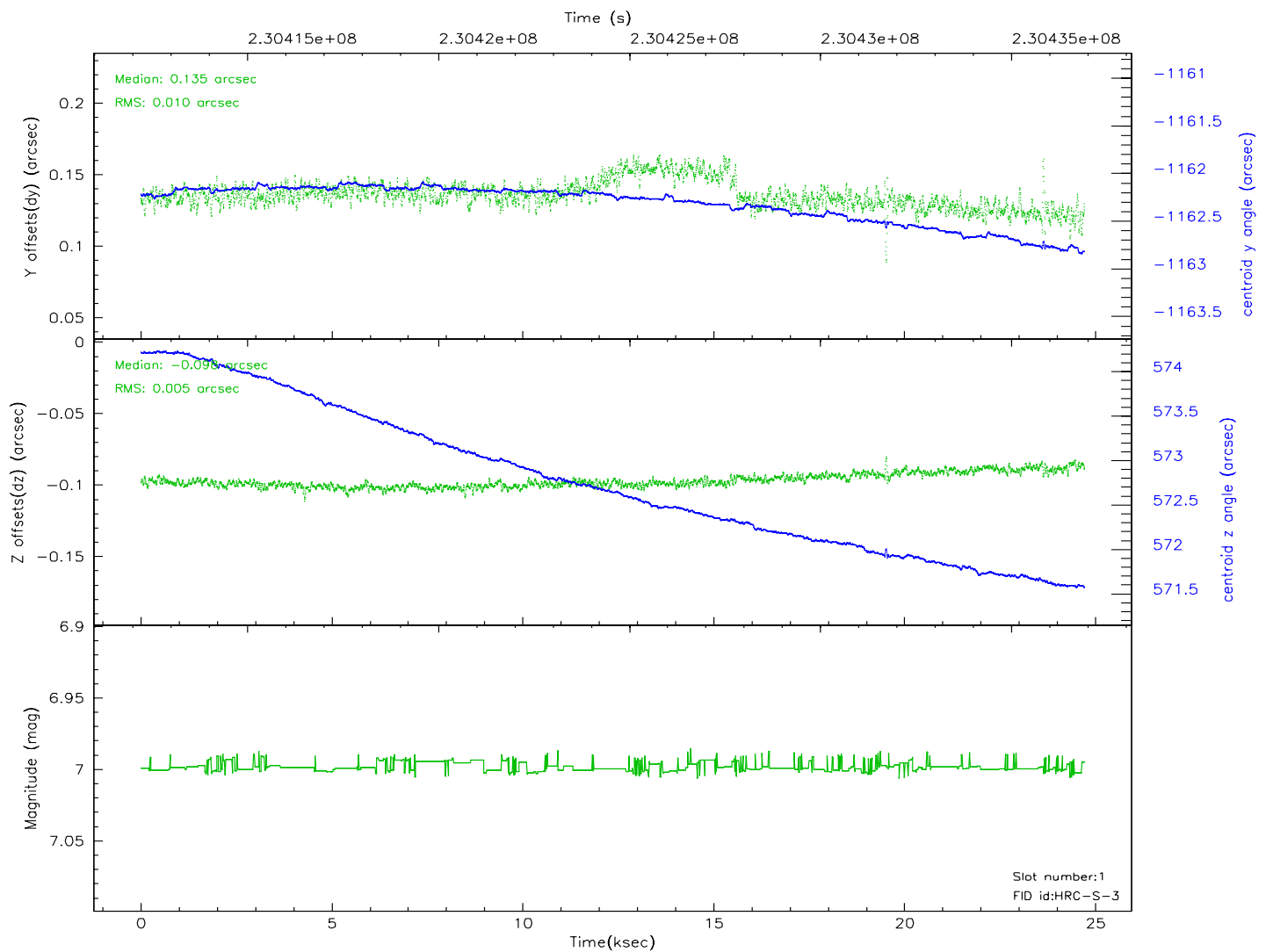
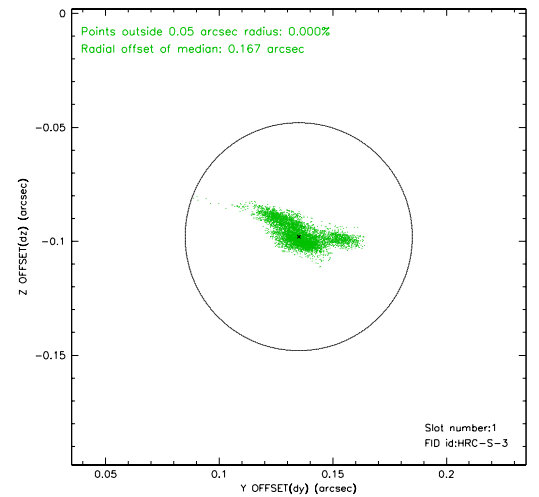
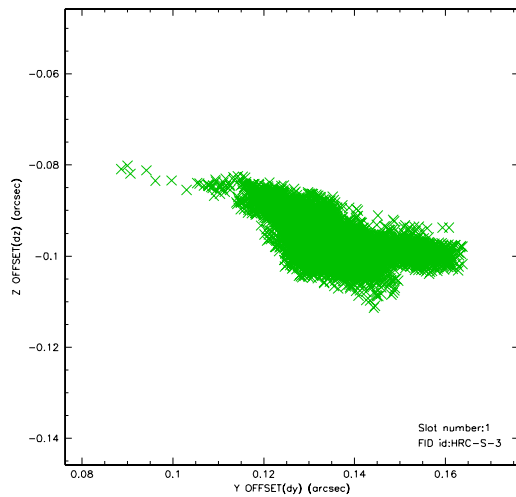


2.5 FID Slots

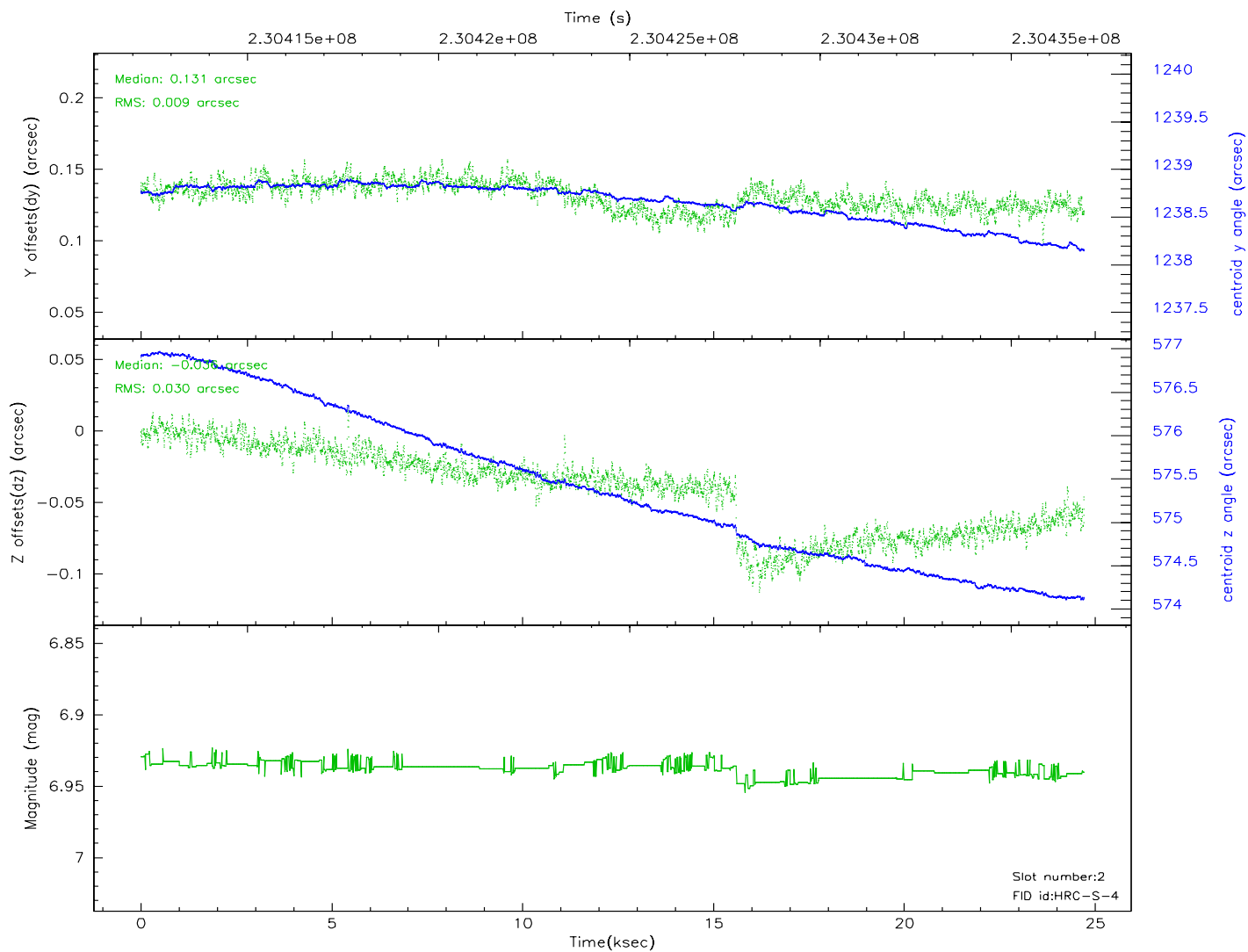
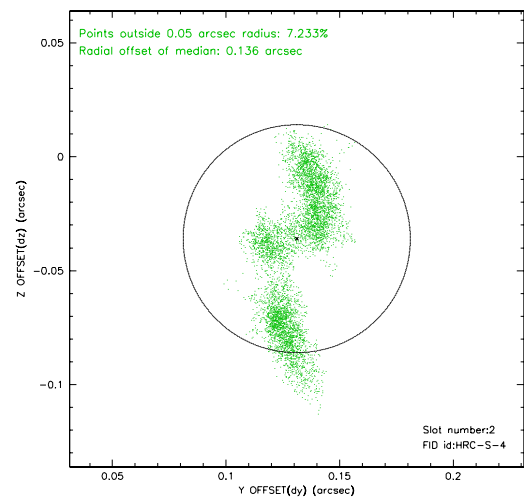
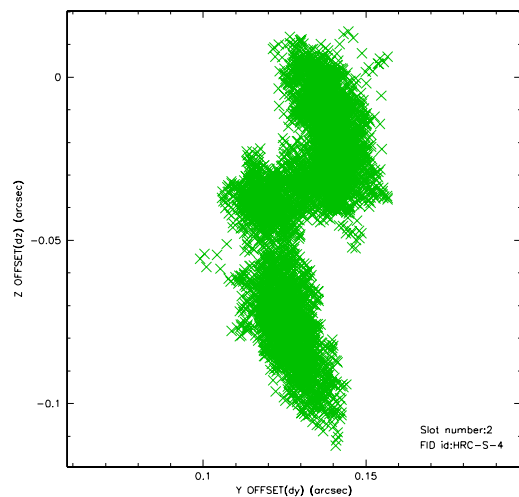
2.5.1 Slot 0



2.5.2 Slot 1

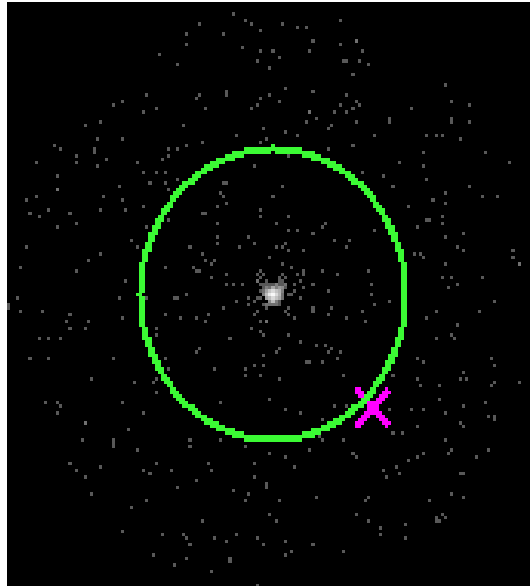


2.5.3 Slot 2



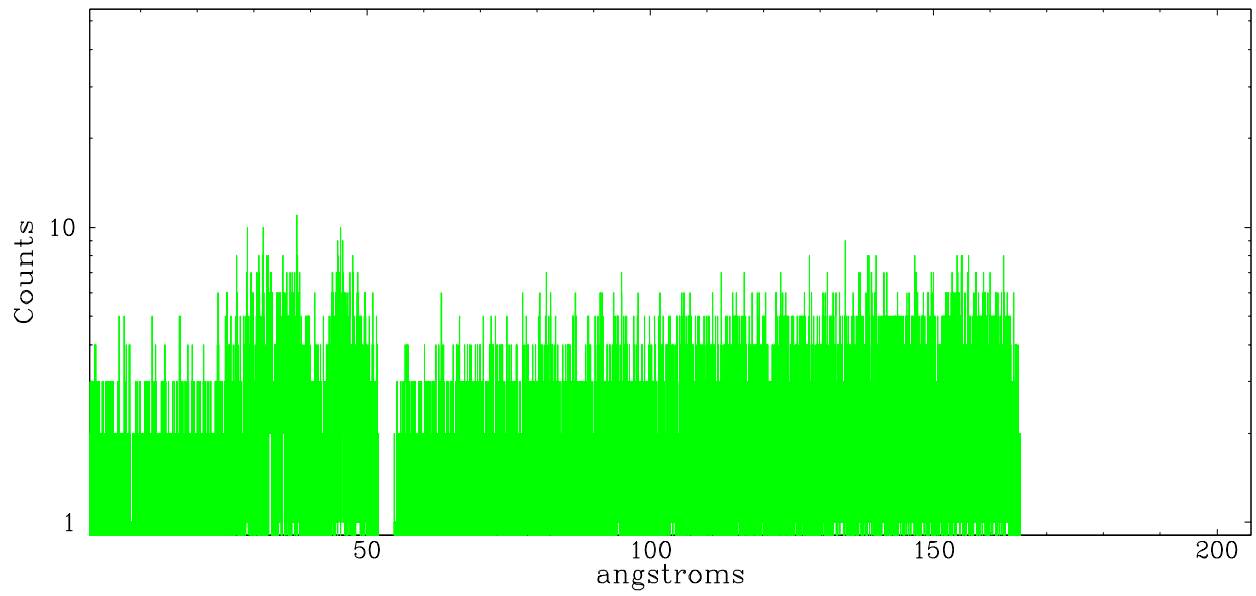
3 Gratings

3.1 LETG Arm

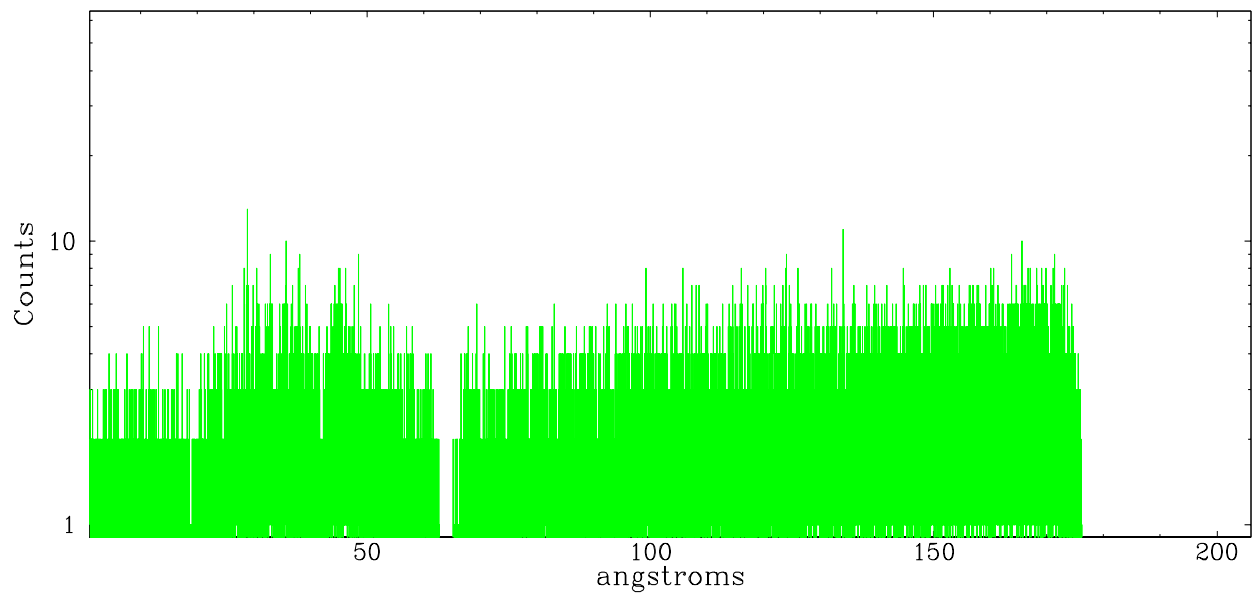


LETG Zero Order

leg order -1



leg order $+1$



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.03.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	24.71275

A.2 Comments