

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 3383 - L2 Version 001
Chandra X-Ray Center

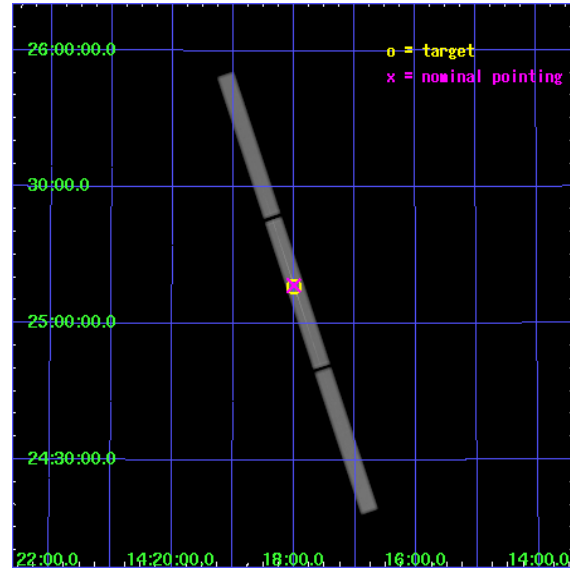
L2 Processing Date : Aug 29 2006

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1 Front

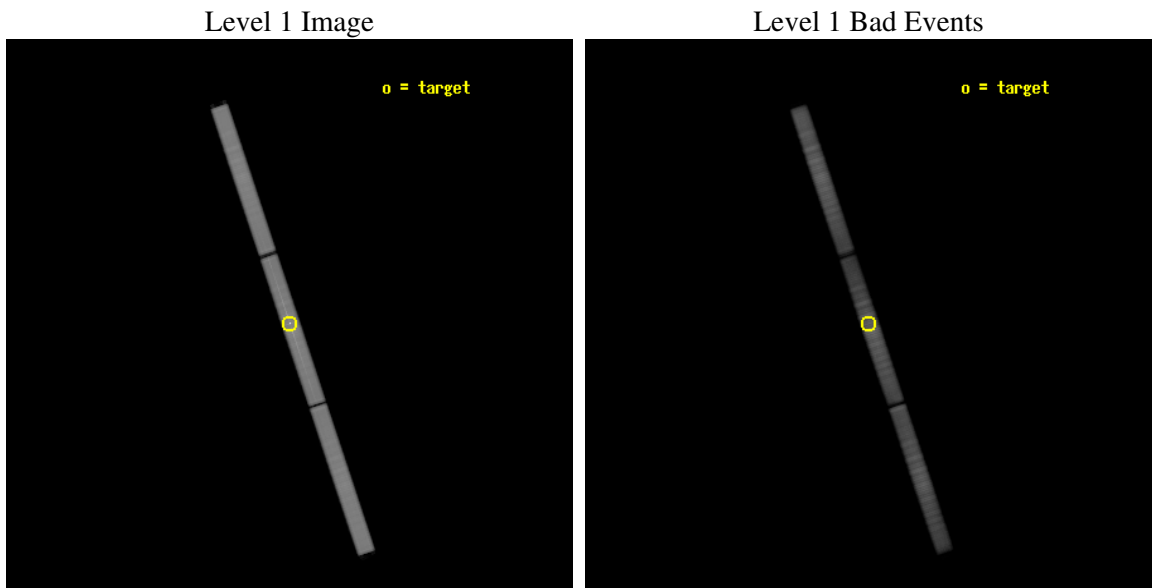
seq_num	700484
obs_id	3383
title	RESOLVING THE WARM ABSORBER IN NGC 5548
observer	Dr. Jelle Kaastra
object	NGC 5548
ra_targ	214.498333
dec_targ	25.136778
ra_nom	214.50015122703
dec_nom	25.141199816301
roll_nom	71.421974070239
revision	2
ontime	171080.96314007
livetime	170115.42488352
l2events	7114785



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.8.1
caldbver	3.2.3
date	2006-08-28T19:30:17
revision	2

sched_exp_time	170696.980000
ontime	171170.90689369
l1events	10705269

2.1.3 Events

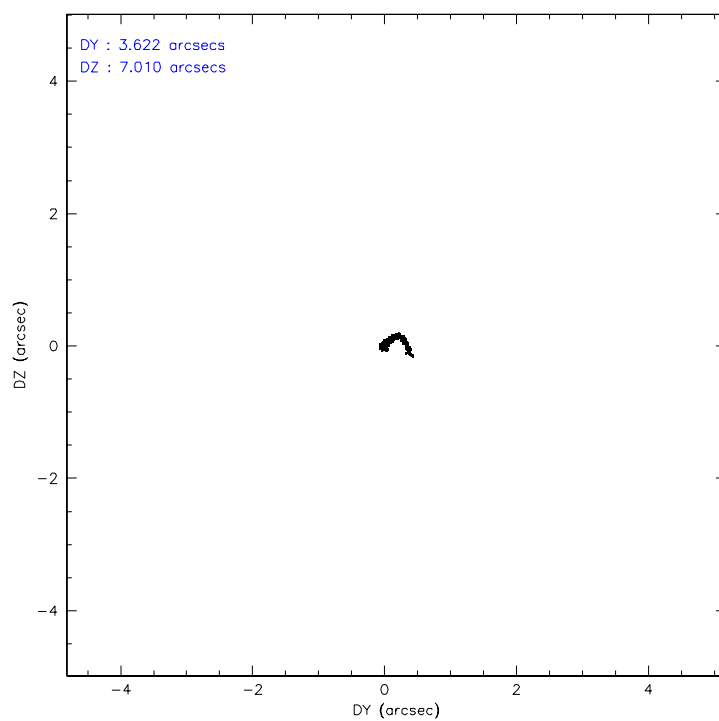
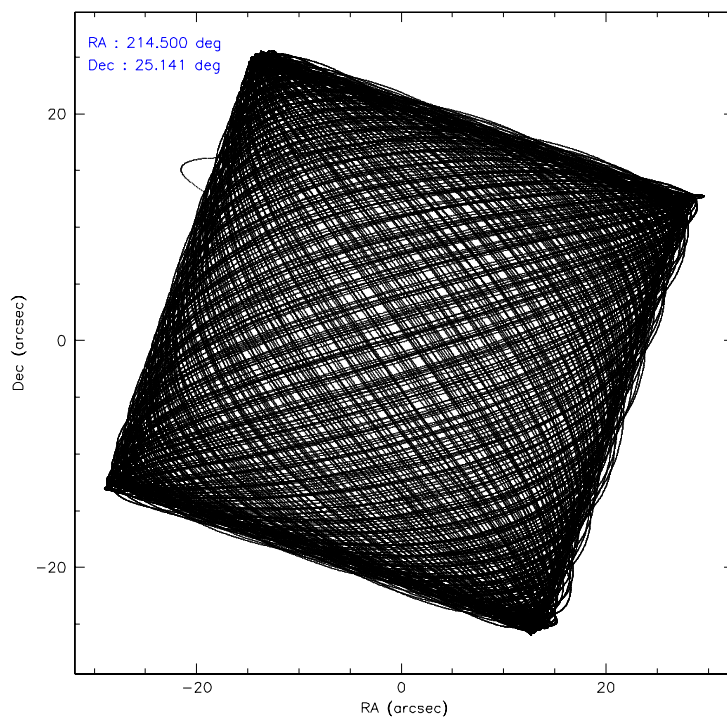
Level 1 Events

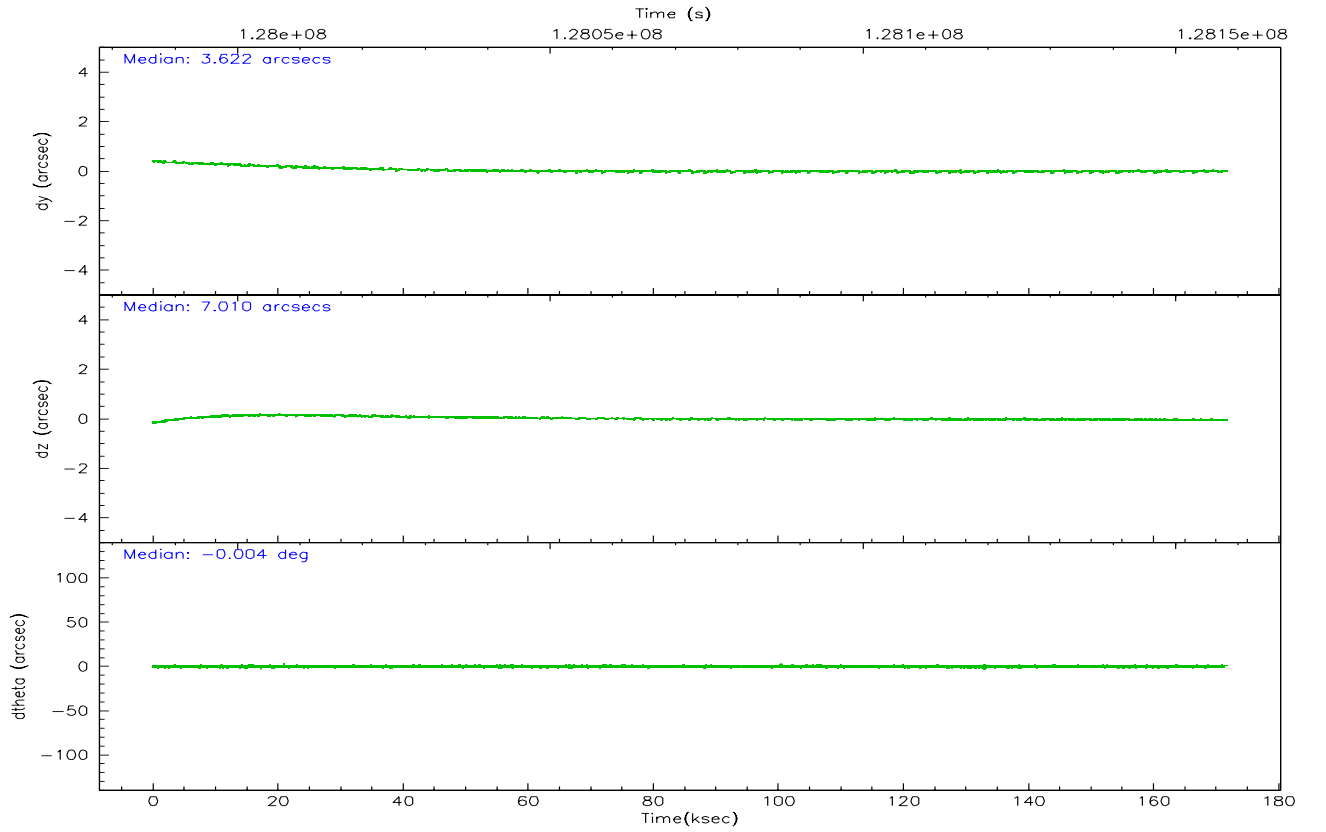
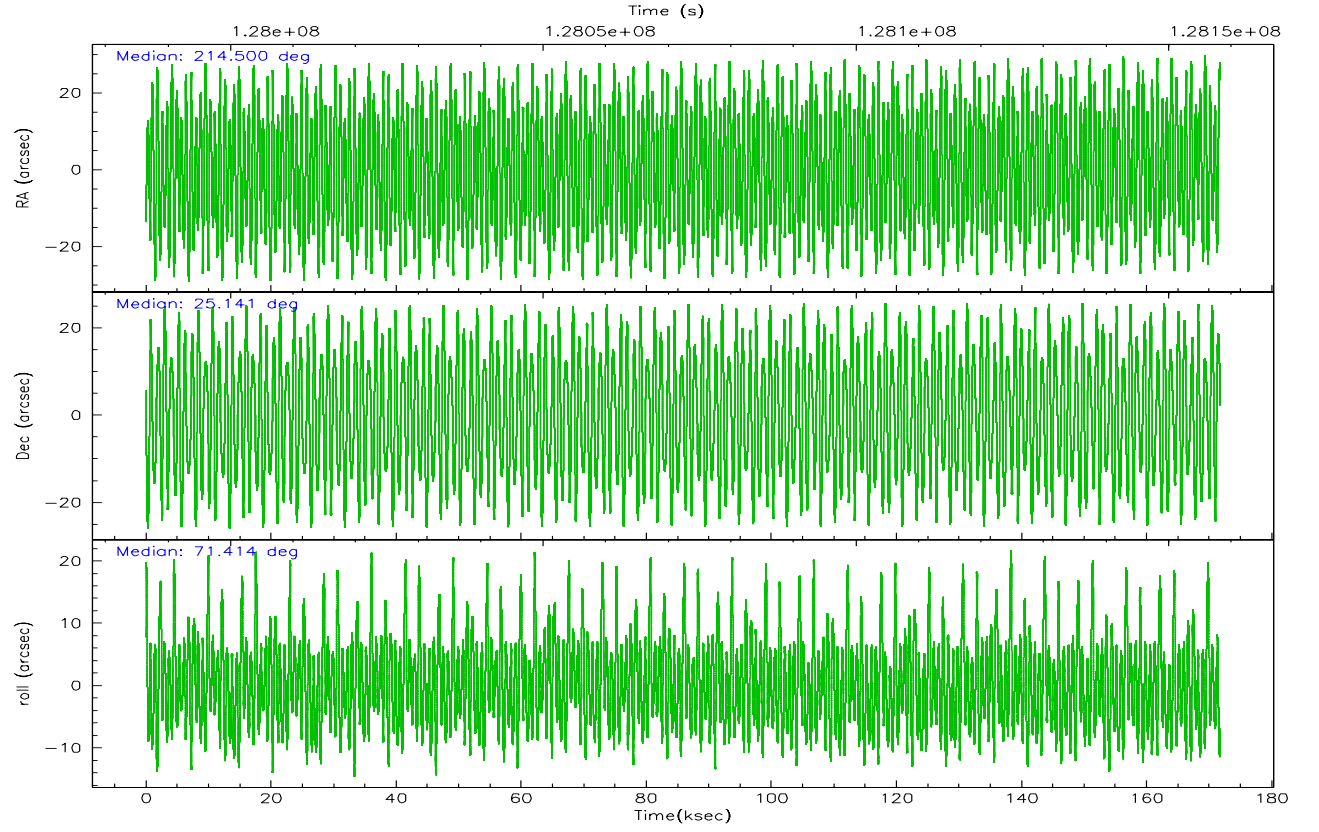
	segment 1	segment 2	segment 3
level 1 events	3549880	3609648	3545741
rejected events	788456	851150	966239
rejected %	22%	23%	27%

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	214.507902	214.5001512270287			
Pointing Dec	25.113450	25.14119981630114			
Pointing Roll	71.351348	71.42197407023906			
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	127986659.184000	127985700.93243			
Observation start date	2002-01-21T07:49:55	2002-01-21T07:35:00			
Observation end time	128157356.184000	128158931.0644			
Observation end date	2002-01-23T07:14:52	2002-01-23T07:42:11			

2.3 Aspect



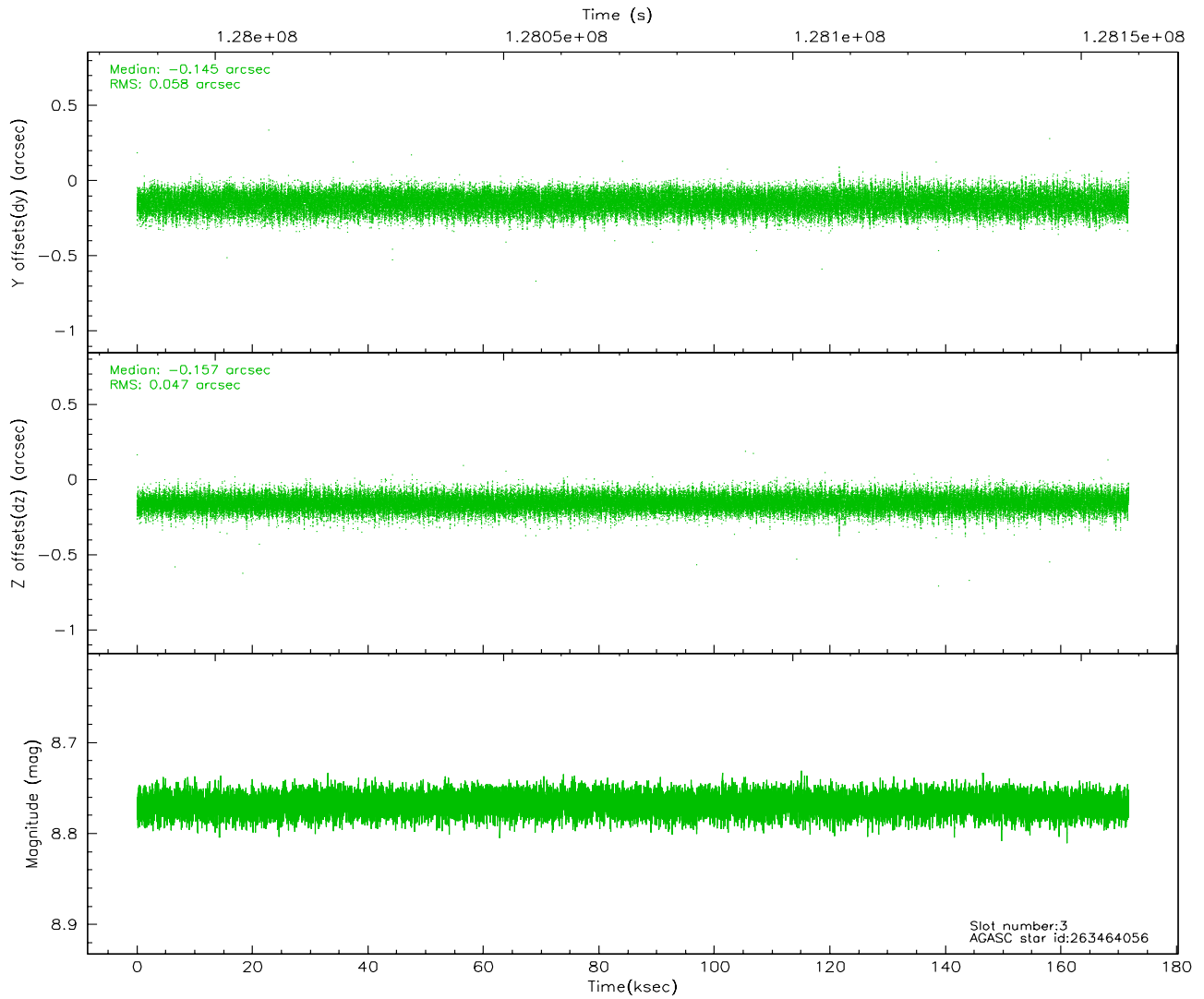
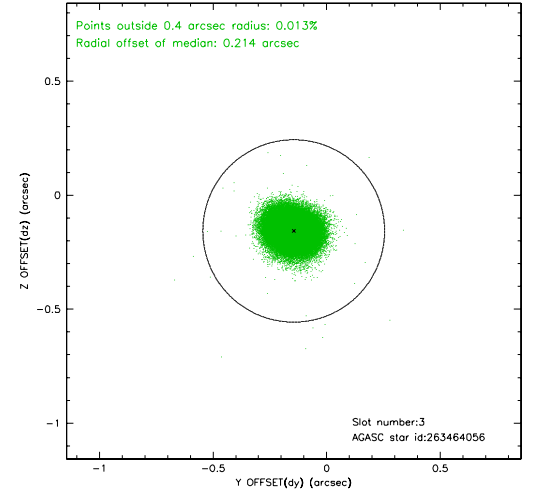
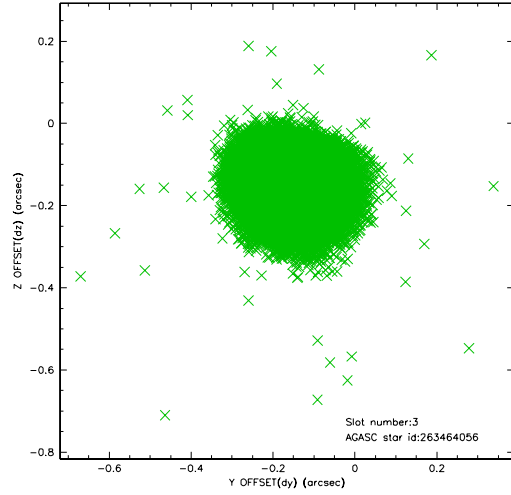


Slot Statistics

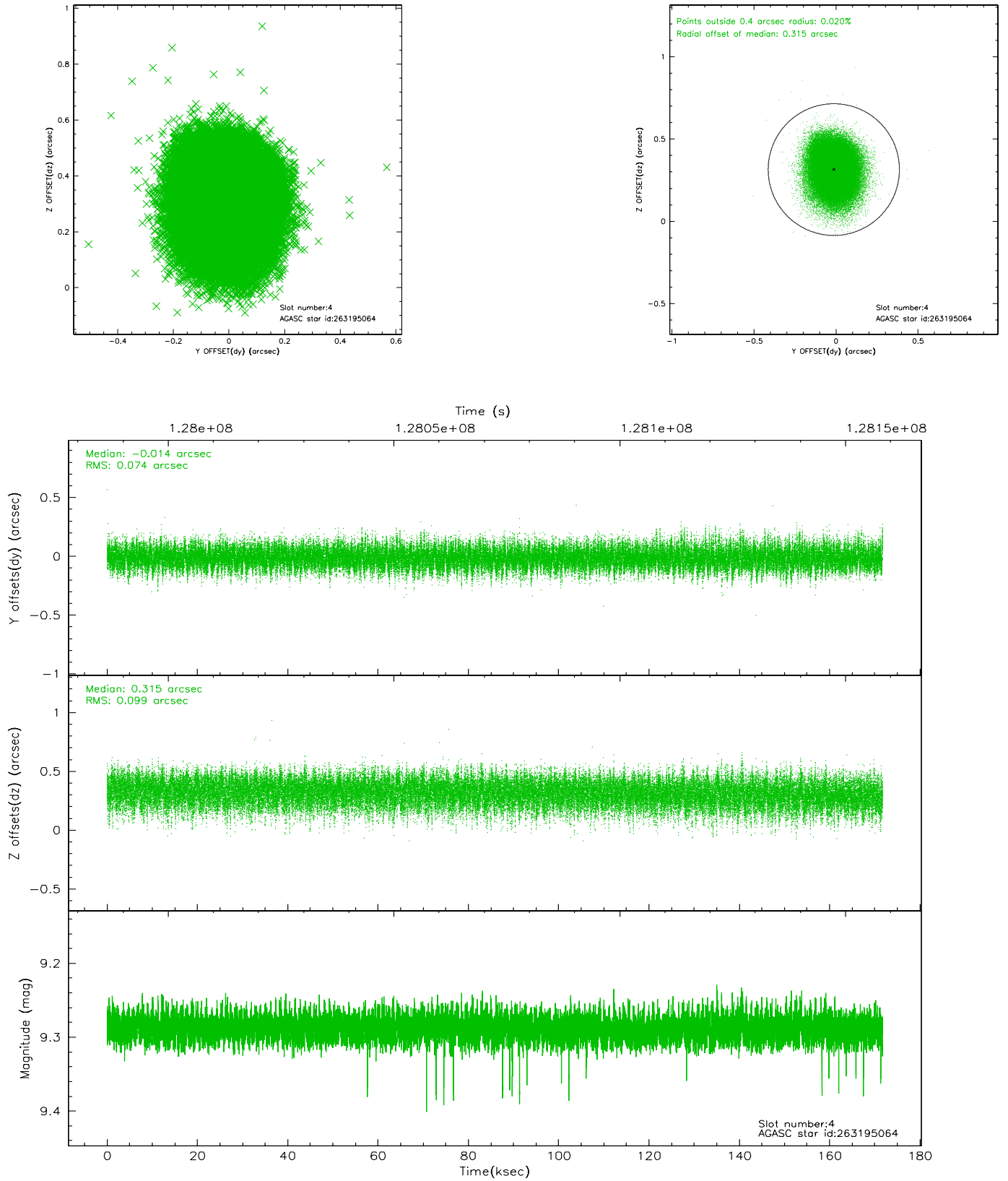
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.97	41795	0.153	-0.096	0.007	0.011	0.000000	0.000000	-1157.70	-455.56
1	FID	HRC-S-2	6.98	41800	0.082	-0.090	0.005	0.009	0.000000	0.000000	1241.88	-448.20
2	FID	HRC-S-3	7.00	41798	0.155	-0.116	0.007	0.012	0.000000	0.000000	-1160.40	573.94
3	GUIDE	263464056	8.77	83770	-0.145	-0.157	0.079	0.127	214.109118	25.652451	1426.35	1846.95
4	GUIDE	263195064	9.29	83723	-0.014	0.315	0.131	0.215	215.129983	24.745063	-601.24	-2349.72
5	GUIDE	263464240	9.62	83654	0.068	-0.274	0.149	0.259	213.729943	25.011897	-1151.04	2289.44
6	GUIDE	263065336	9.90	83711	0.267	-0.108	0.163	0.267	213.680541	24.784994	-1977.09	2186.08
7	GUIDE	263595296	9.82	83710	-0.176	0.228	0.149	0.246	214.929889	25.645337	2254.36	-684.54

2.4 Star Slots

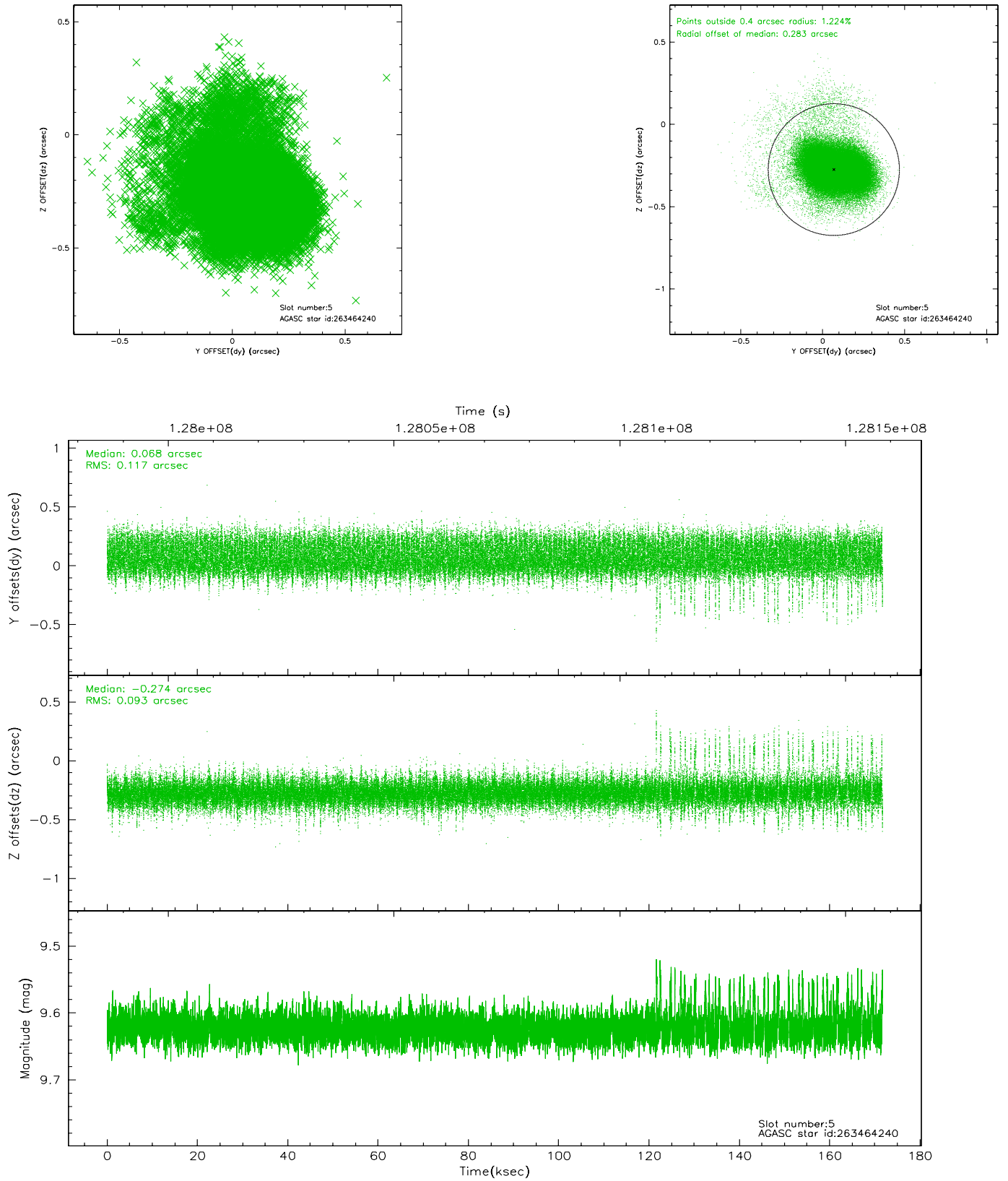
2.4.1 Slot 3



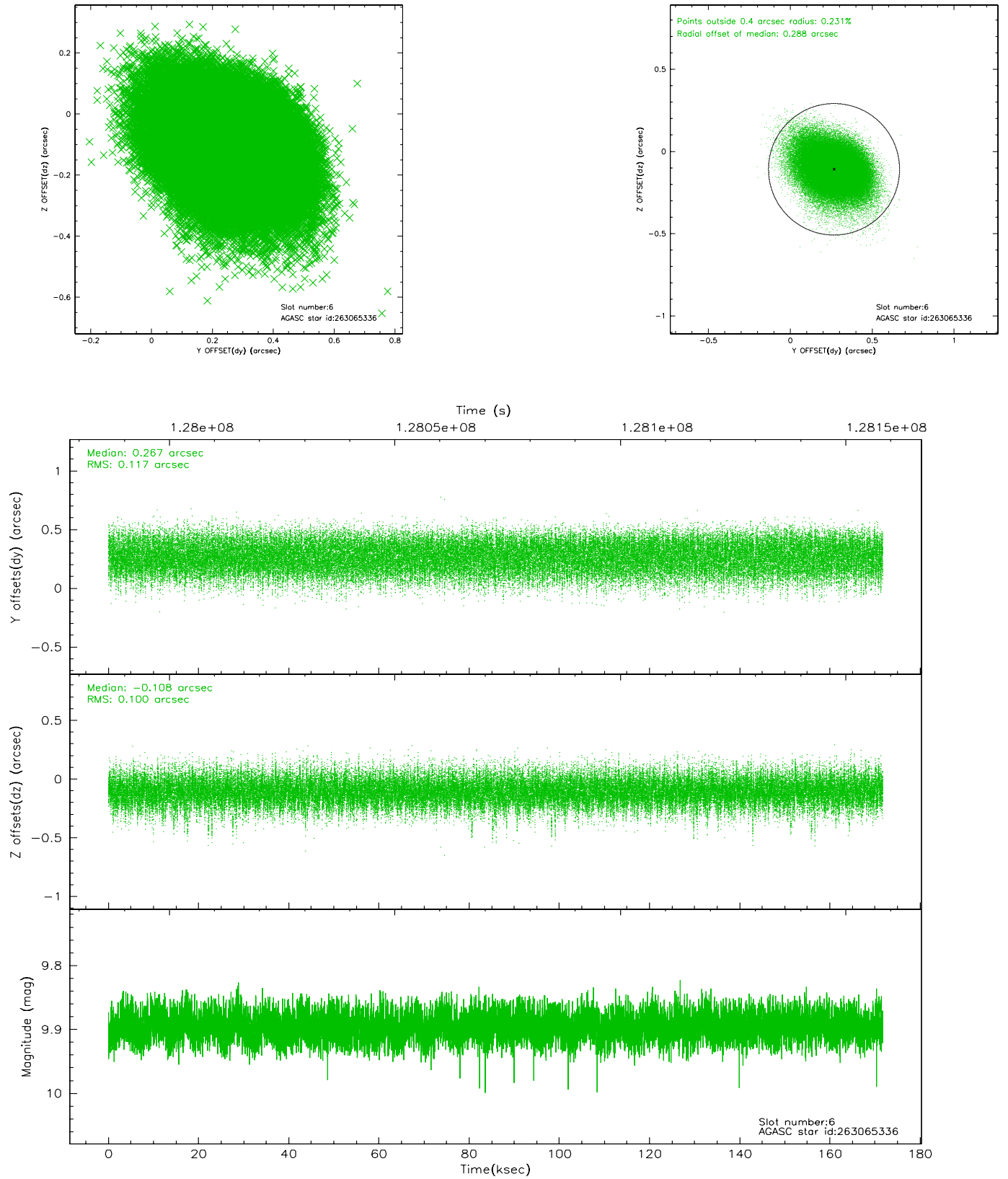
2.4.2 Slot 4



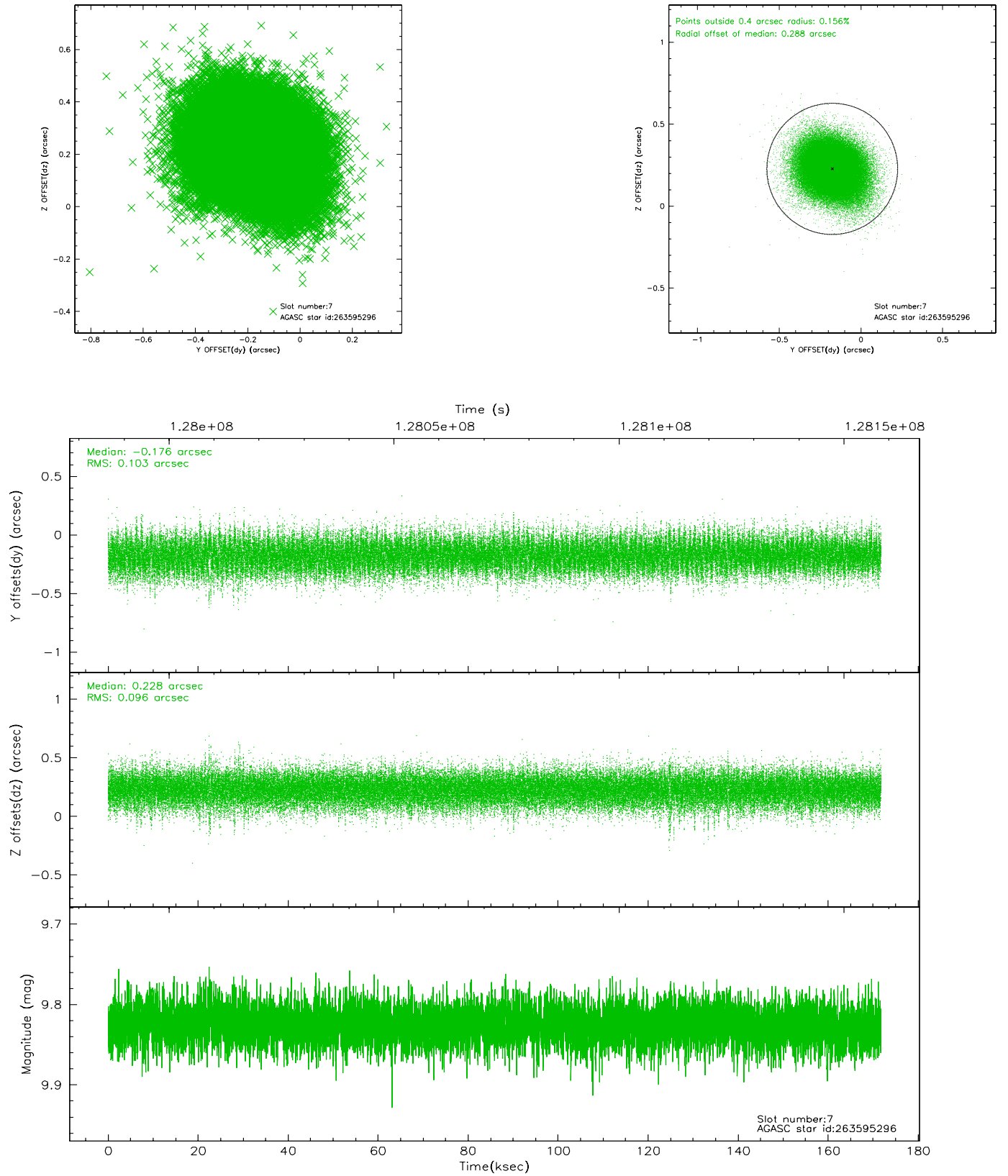
2.4.3 Slot 5



2.4.4 Slot 6

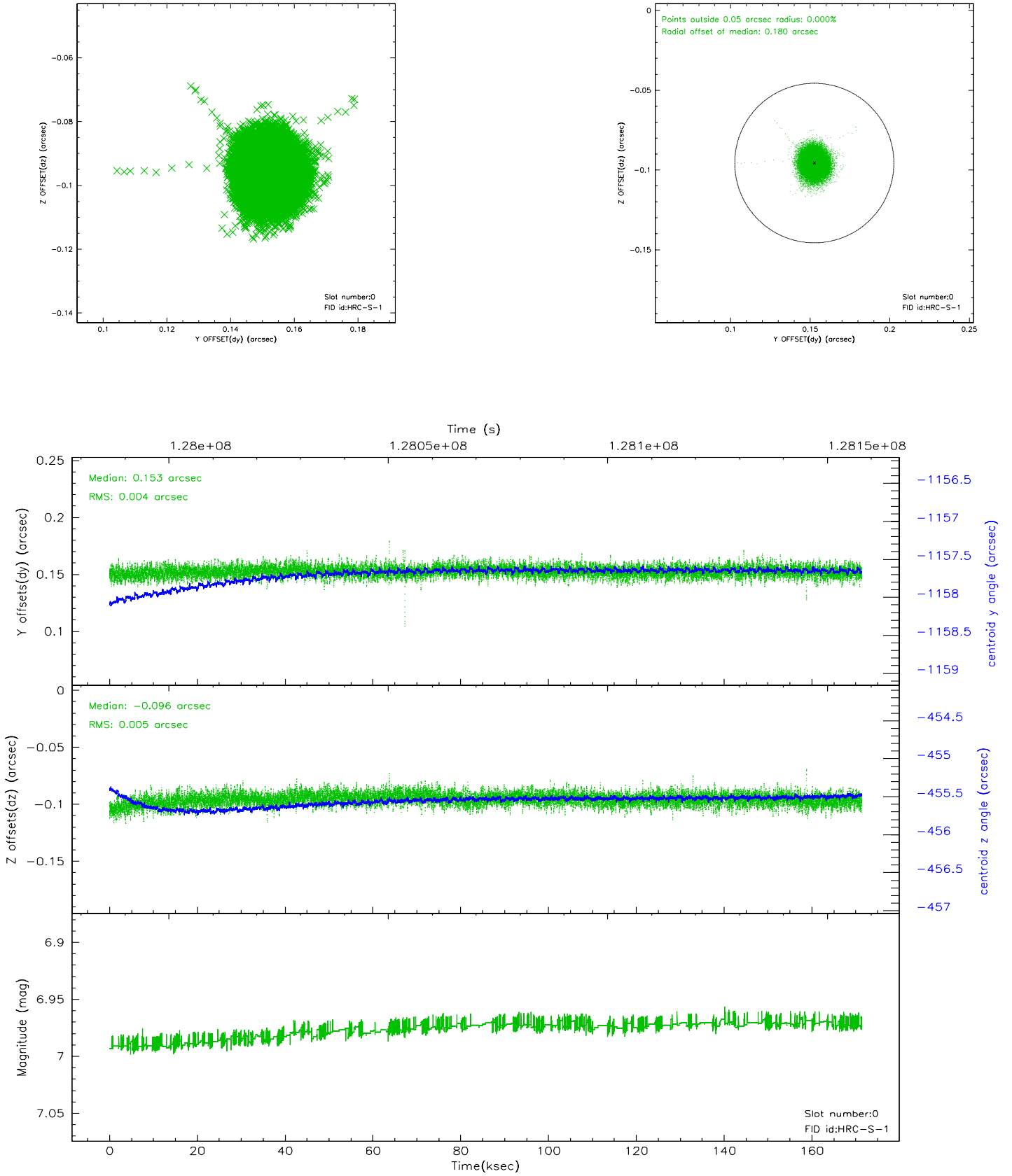


2.4.5 Slot 7

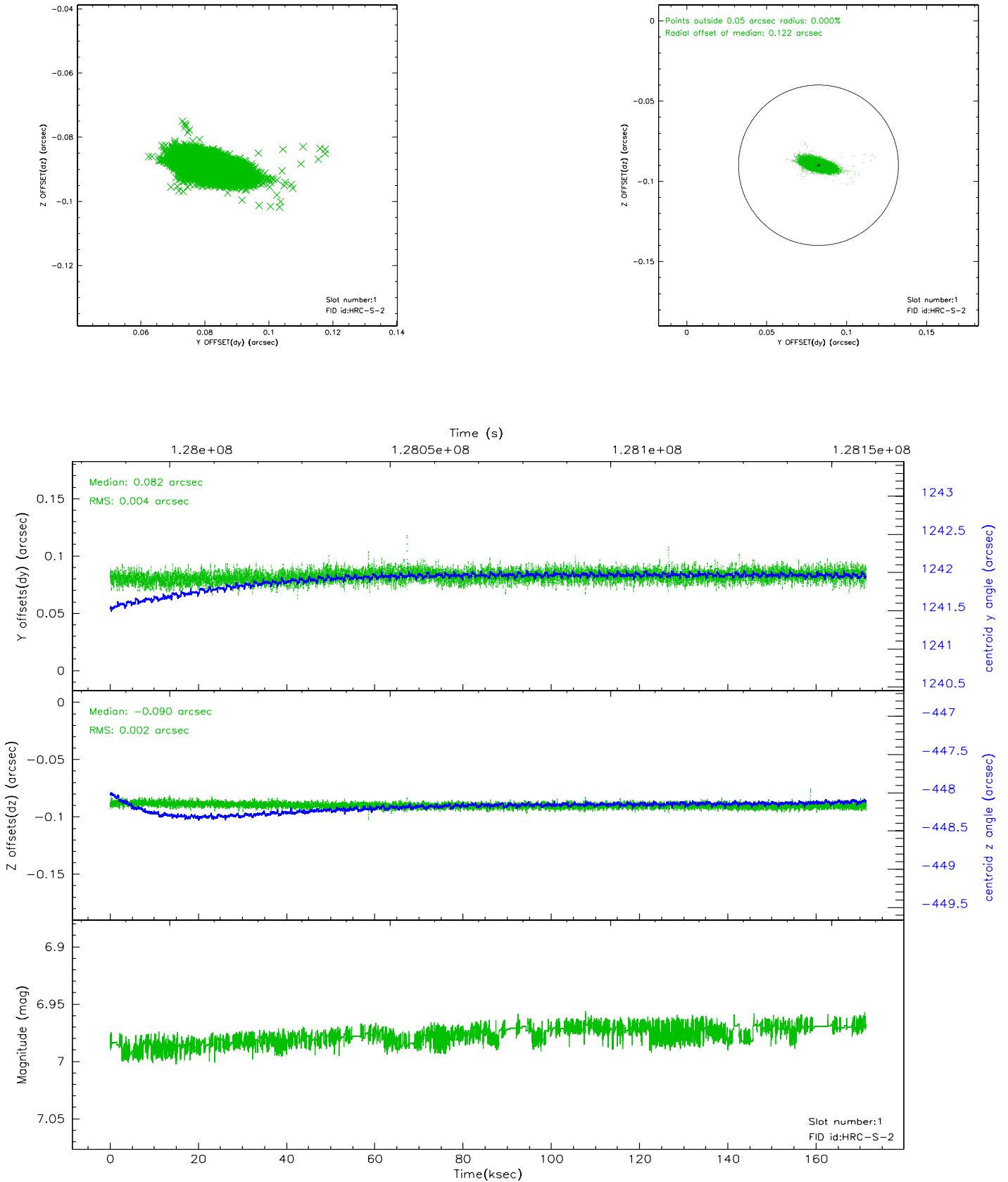


2.5 FID Slots

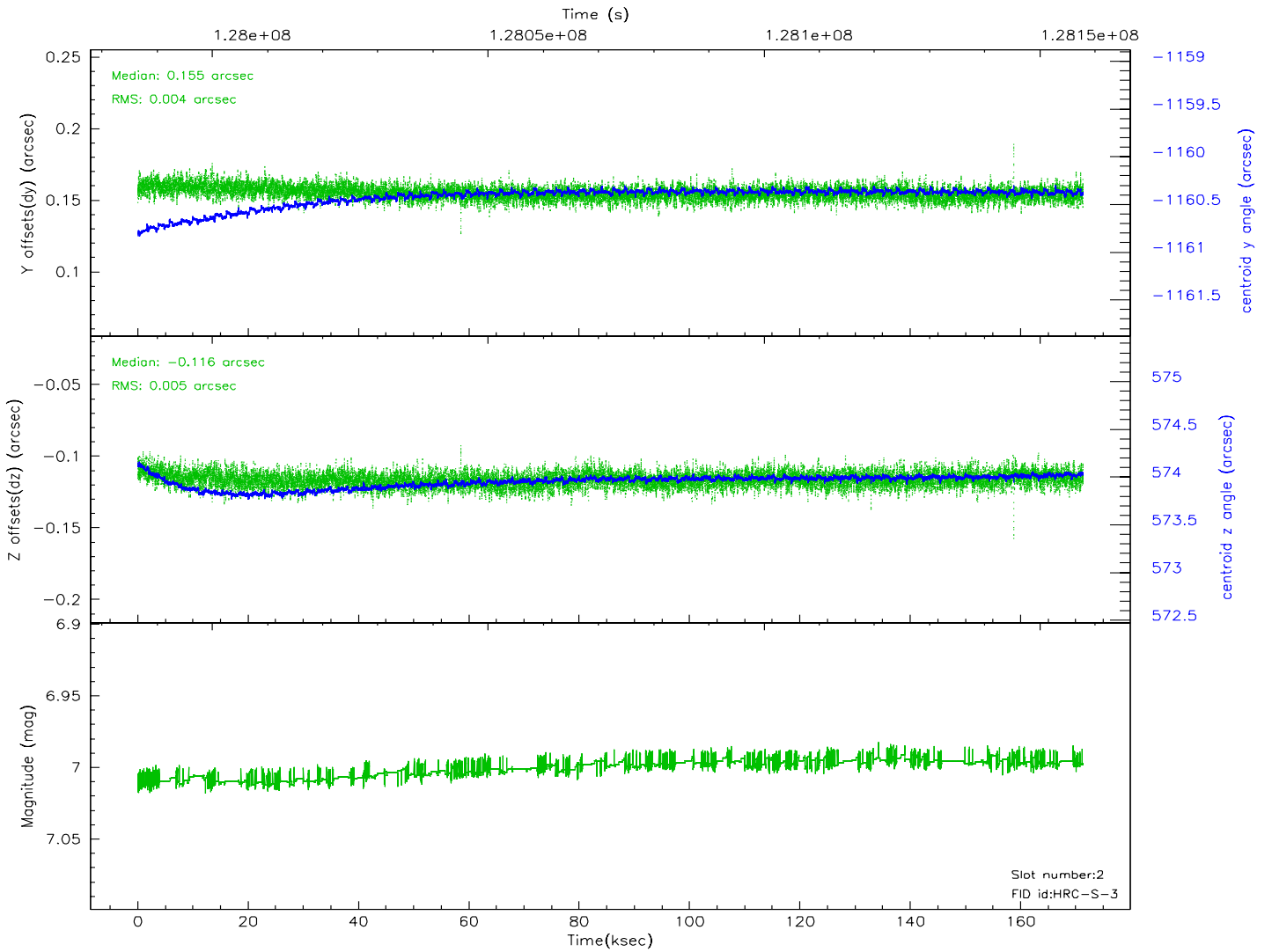
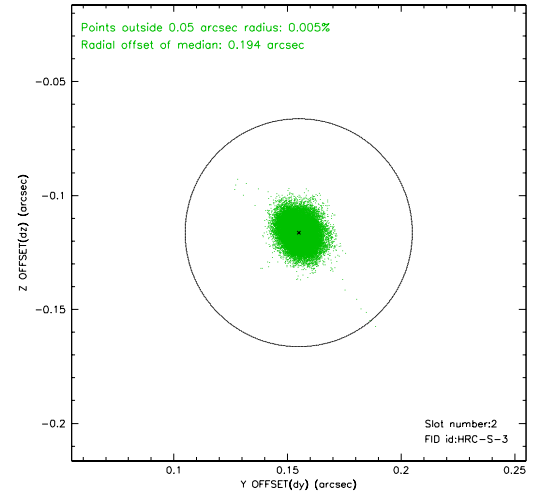
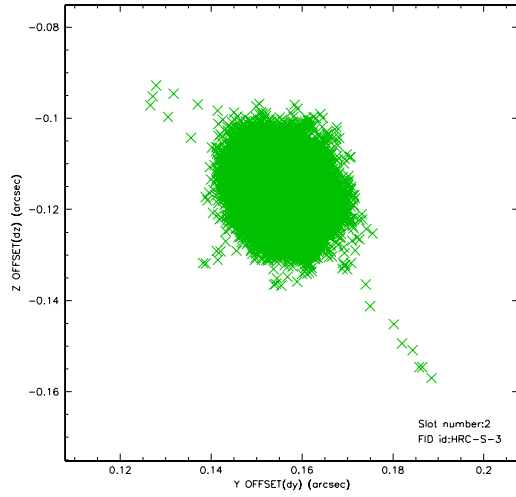
2.5.1 Slot 0



2.5.2 Slot 1

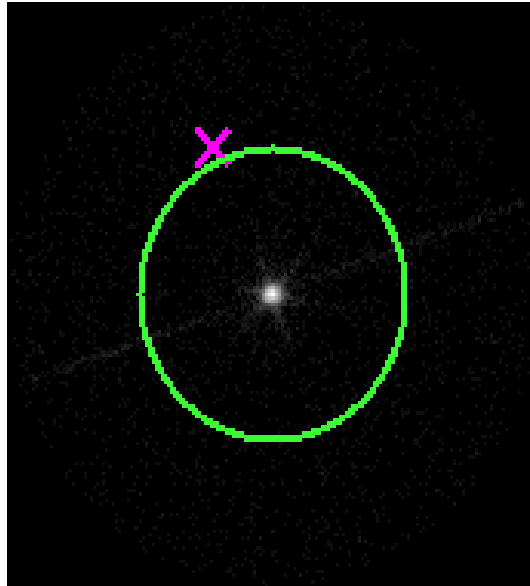


2.5.3 Slot 2



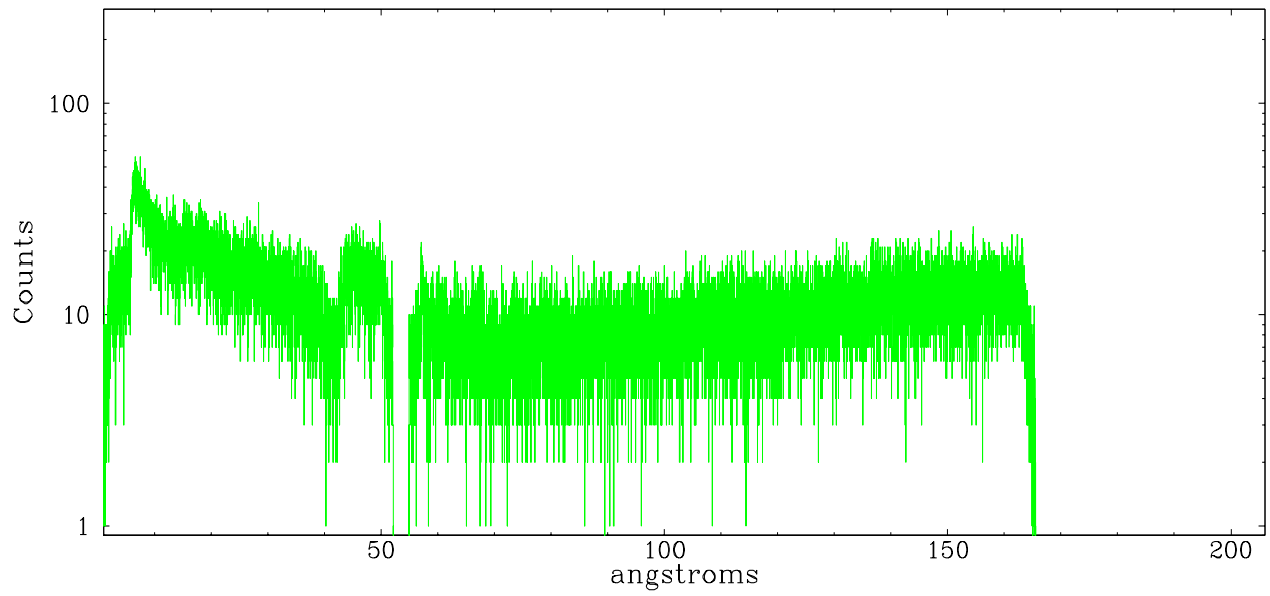
3 Gratings

3.1 LETG Arm

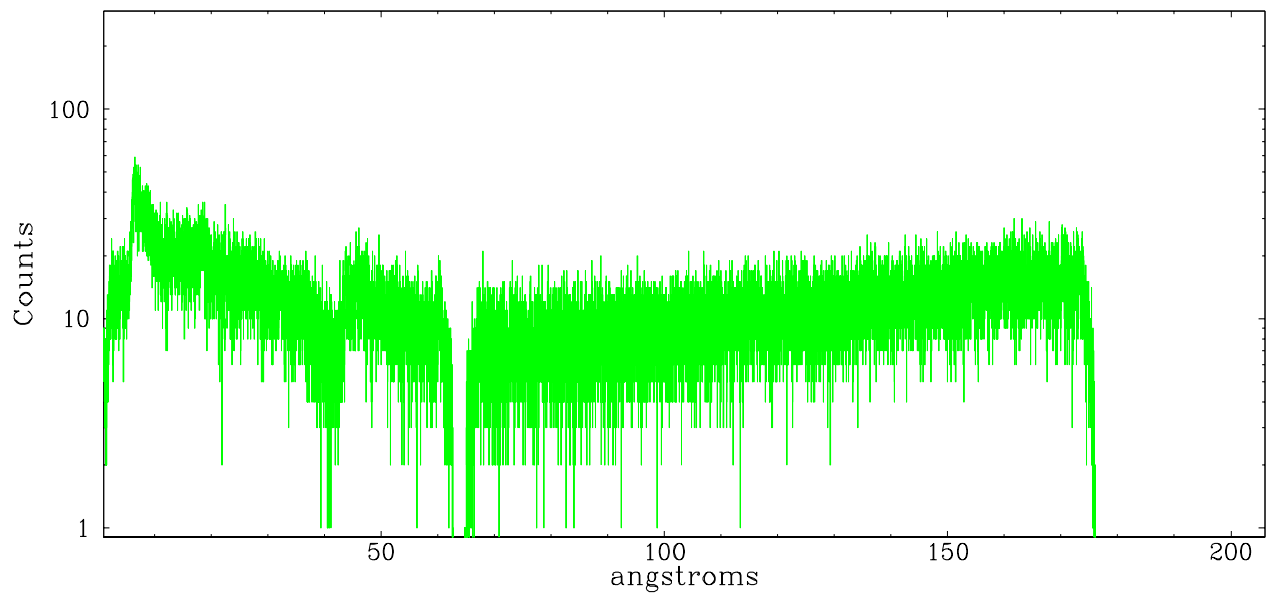


LETG Zero Order

leg order -1



leg order +1



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2006.08.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	171.023

A.2 Comments