

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 5598 - L2 Version 002
Chandra X-Ray Center

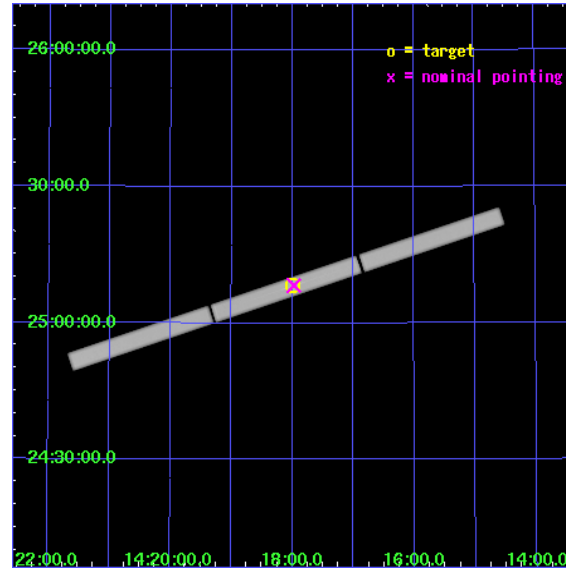
L2 Processing Date: Mar 1 2006

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1 Front

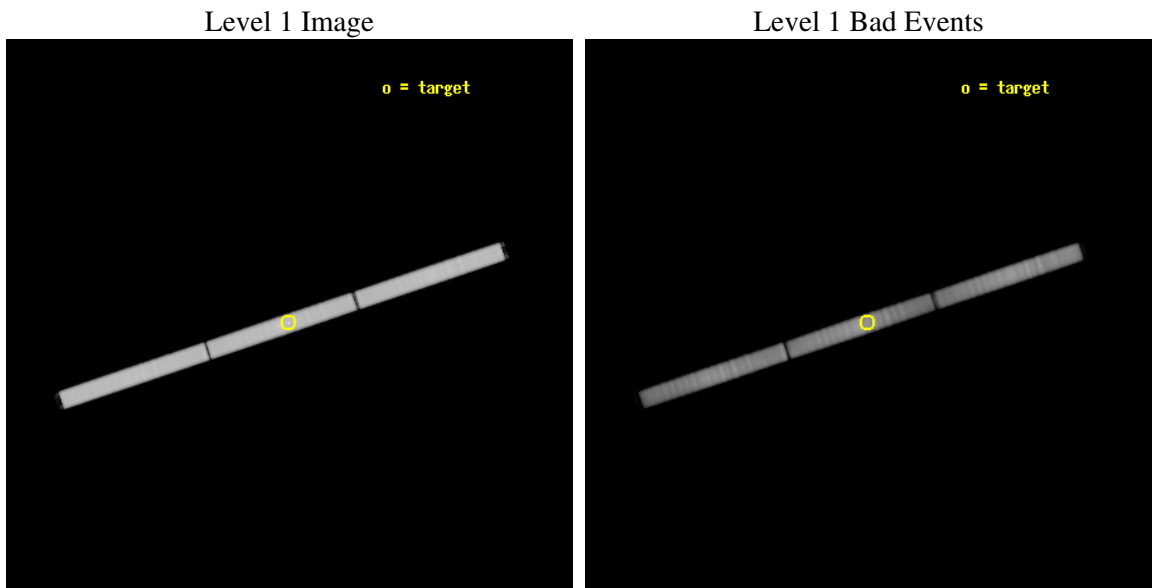
seq_num	701022
obs_id	5598
title	Time variability of the warm outflow in NGC 5548
observer	Dr. Mariano Mendez
object	NGC 5548
ra_targ	214.498333
dec_targ	25.137056
ra_nom	214.49349466476
dec_nom	25.138659921533
roll_nom	161.46938760492
revision	2
ontime	116428.47404405
livetime	115610.1366545
l2events	6449665



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	2006-03-01T00:01:09
revision	2

sched_exp_time	116187.027000
ontime	116725.7240544
l1events	9414975

2.1.3 Events

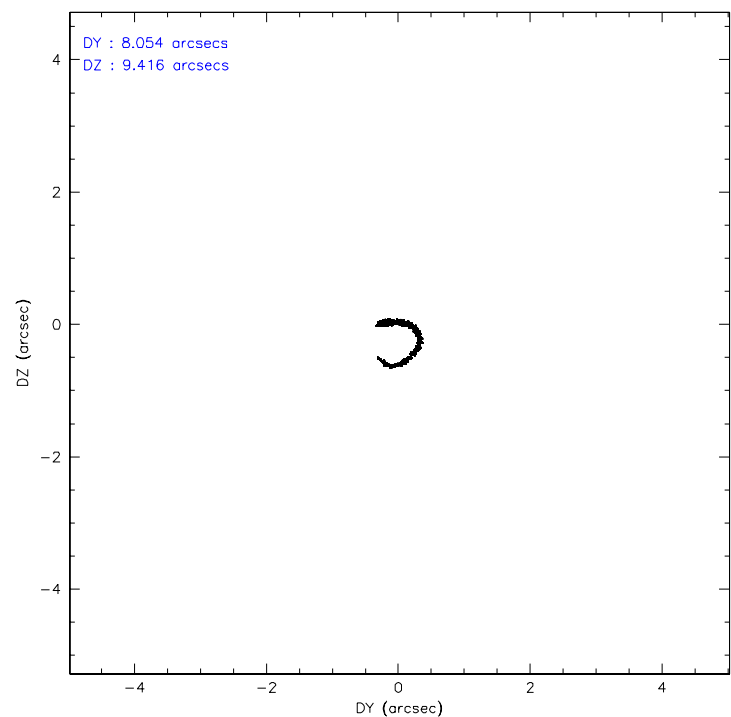
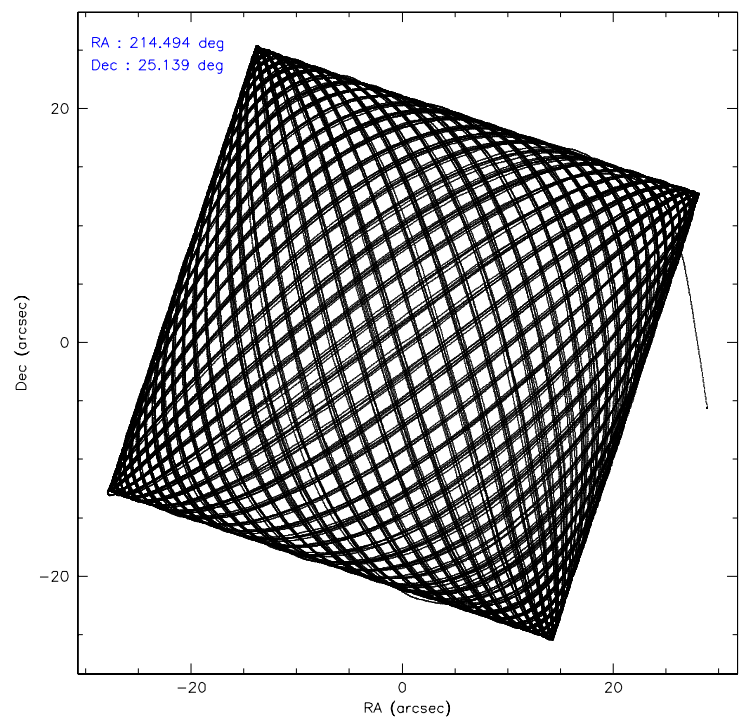
Level 1 Events

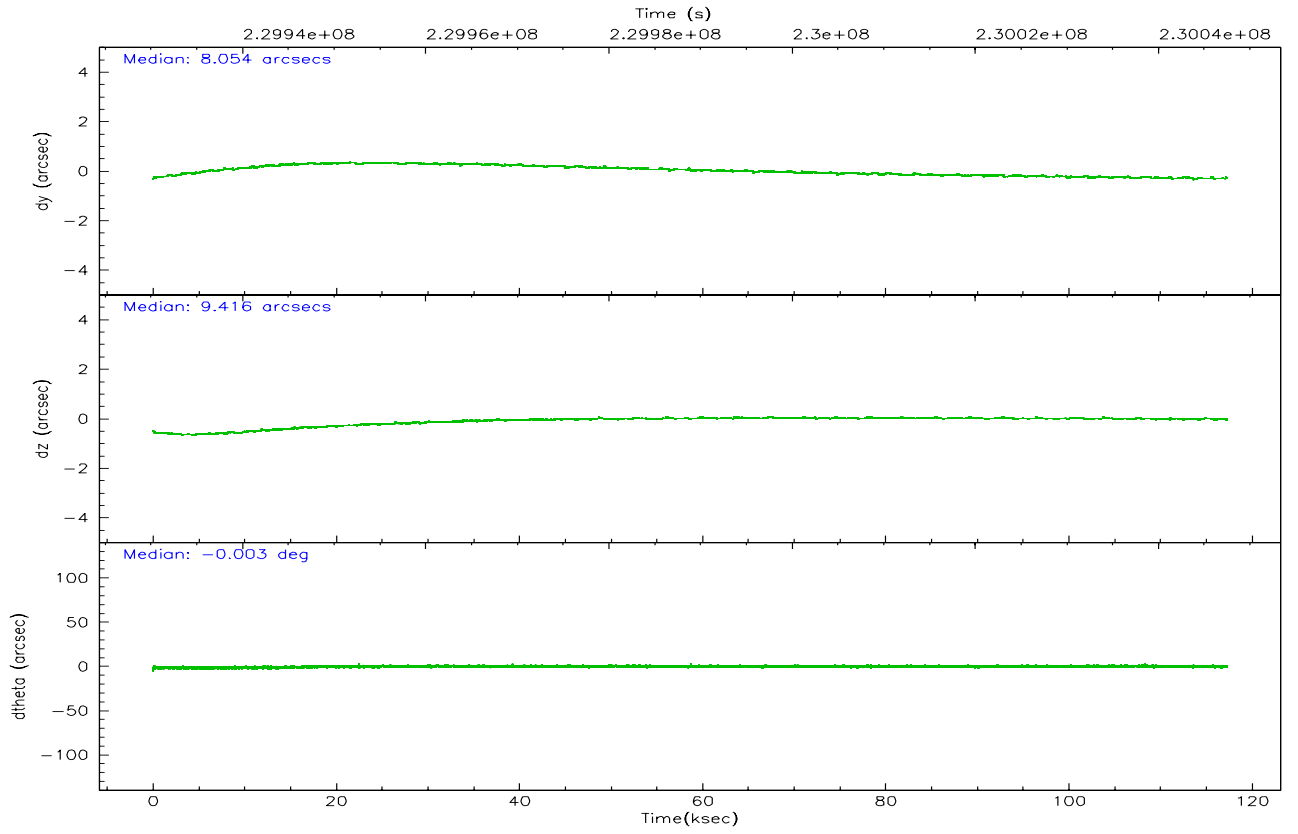
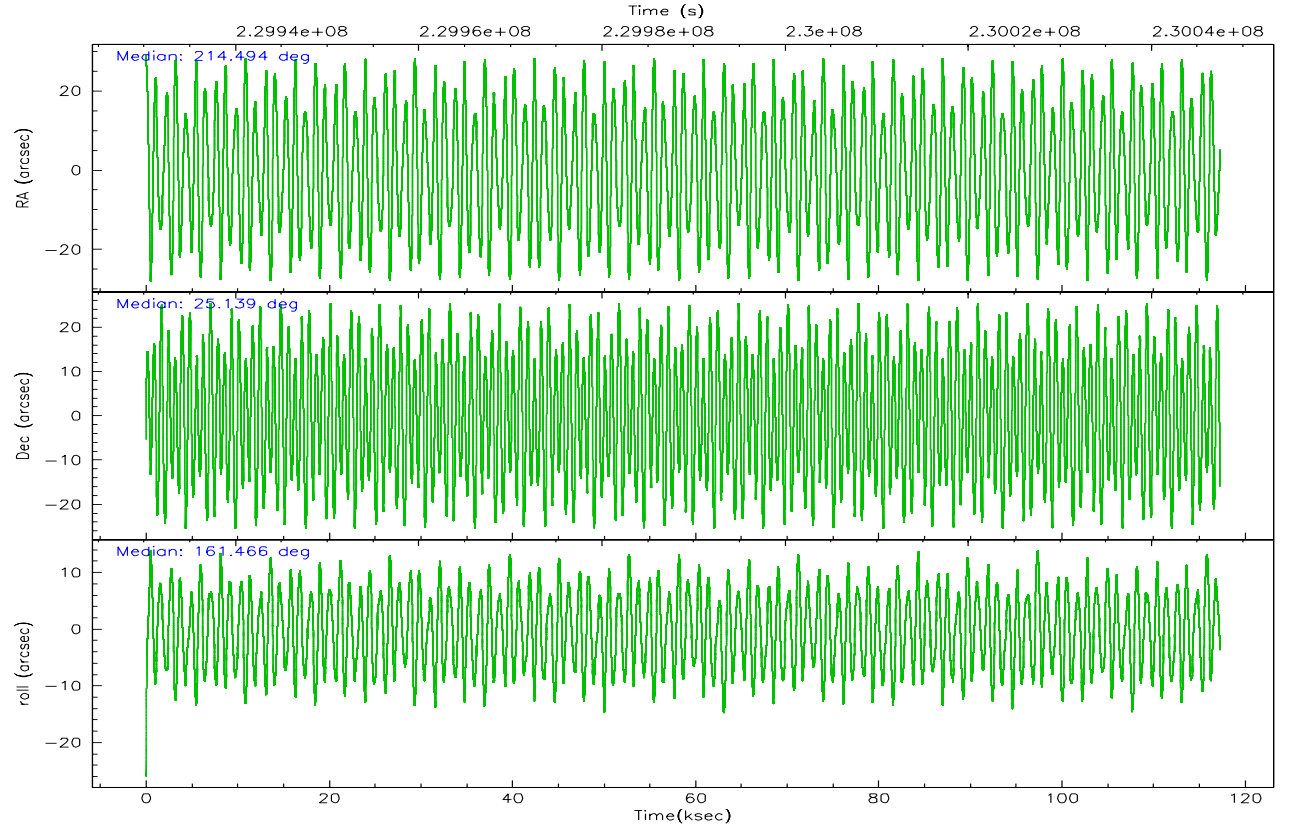
	segment 1	segment 2	segment 3
level 1 events	3161385	3090842	3162748
rejected events	622917	688091	763317
rejected %	19%	22%	24%

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	214.524099	214.4934946647646			
Pointing Dec	25.145740	25.13865992153347			
Pointing Roll	161.389050	161.469387604919			
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	229930418.184000	229929562.34461			
Observation start date	2005-04-15T05:32:34	2005-04-15T05:19:22			
Observation end time	230046605.184000	230048592.01251			
Observation end date	2005-04-16T13:49:01	2005-04-16T14:23:12			

2.3 Aspect



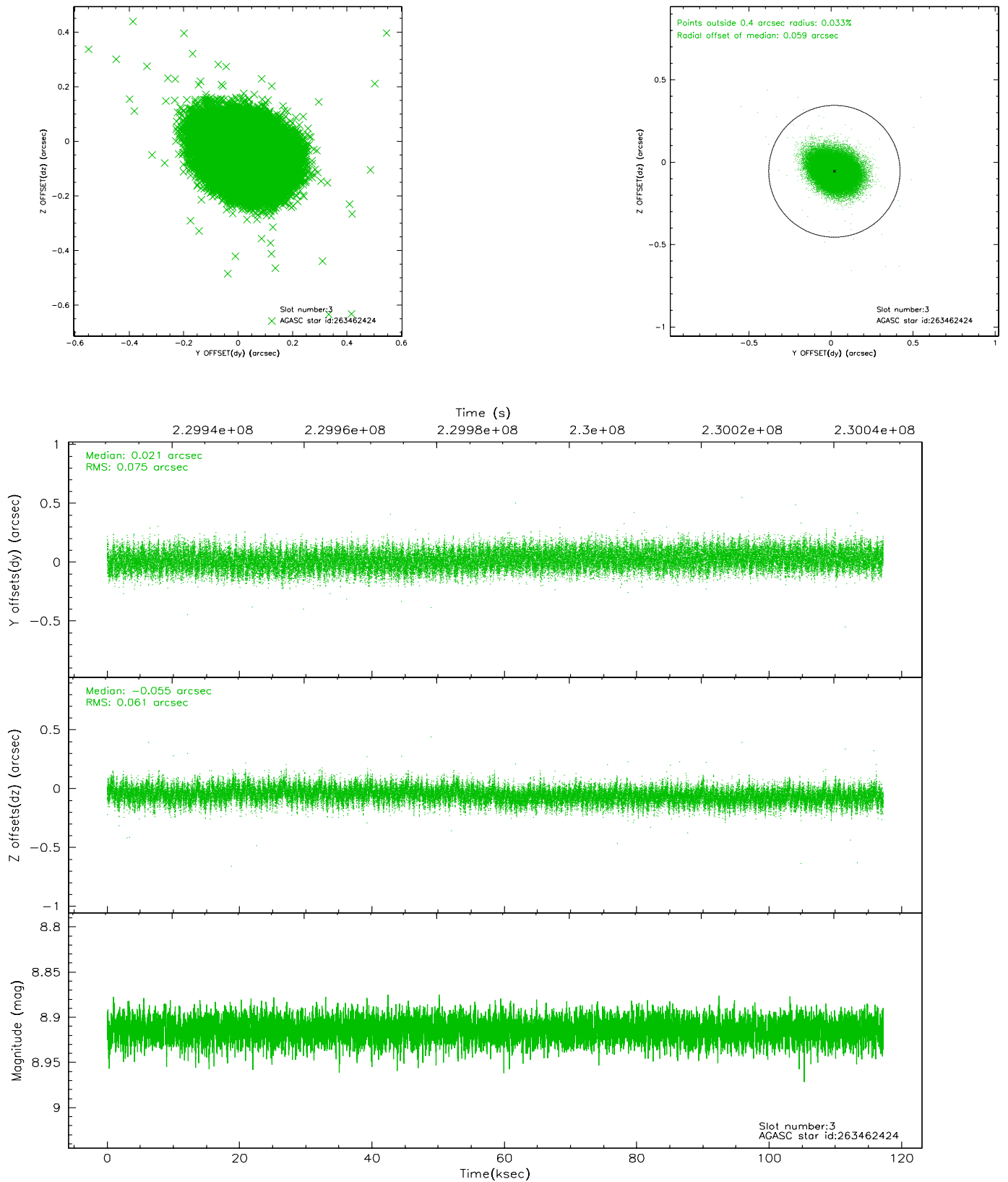


Slot Statistics

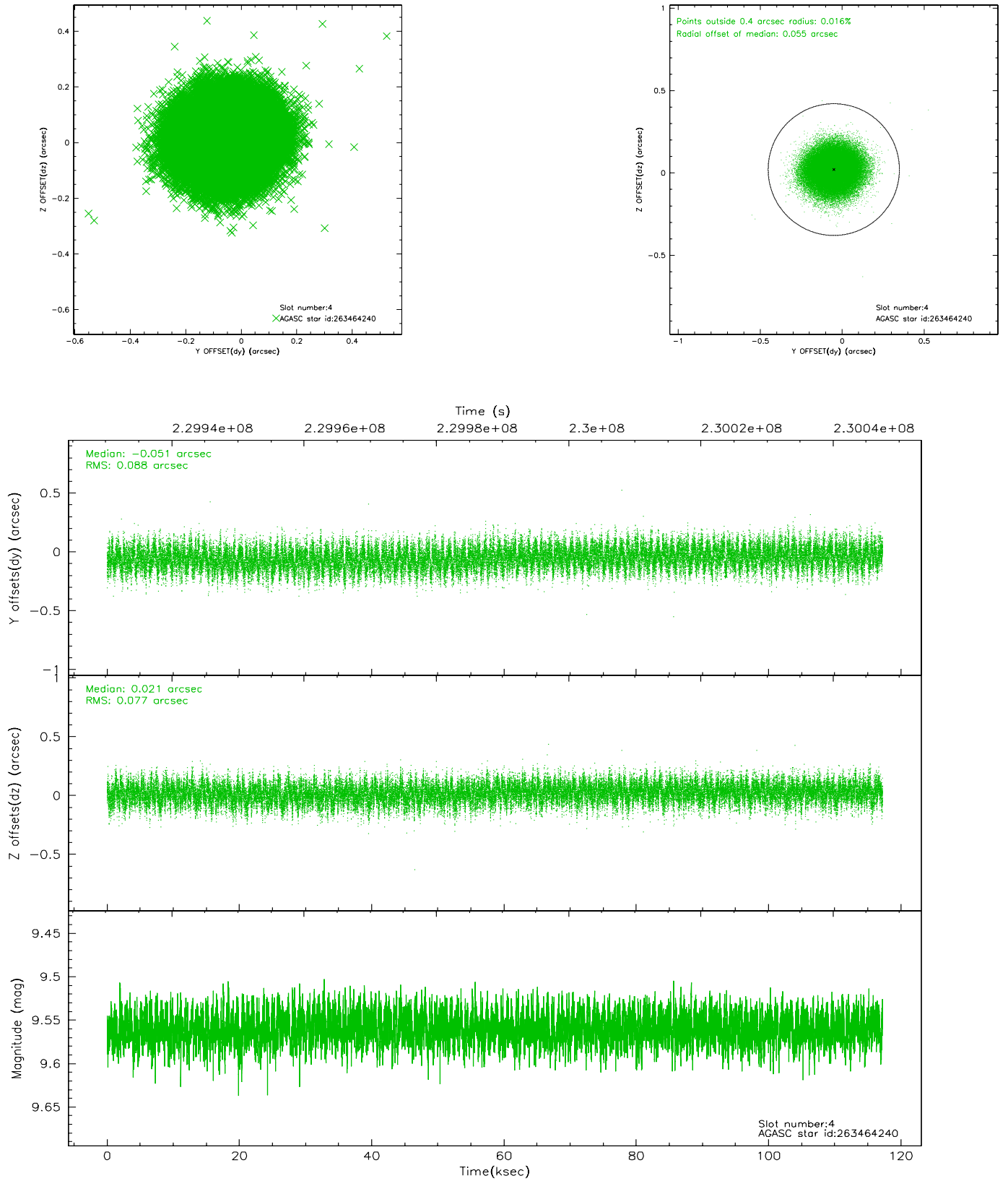
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.01	28604	0.141	-0.180	0.014	0.033	0.000000	0.000000	-1162.24	-458.00
1	FID	HRC-S-2	7.00	28602	0.150	-0.113	0.017	0.031	0.000000	0.000000	1237.40	-450.59
2	FID	HRC-S-3	7.02	28603	0.101	-0.009	0.016	0.036	0.000000	0.000000	-1164.95	571.68
3	GUIDE	263462424	8.91	57179	0.021	-0.055	0.103	0.167	214.158904	25.947326	2042.30	-2358.68
4	GUIDE	263464240	9.56	57126	-0.051	0.021	0.127	0.198	213.729943	25.011897	2304.30	1276.71
5	GUIDE	263464688	9.21	57172	0.012	0.011	0.101	0.162	214.654702	25.305283	-219.14	-679.70
6	GUIDE	263195064	9.28	57152	-0.014	0.042	0.093	0.149	215.129983	24.745063	-2335.99	730.95
7	GUIDE	263192808	9.59	57142	0.033	-0.019	0.104	0.171	215.197131	24.910235	-2351.39	97.26

2.4 Star Slots

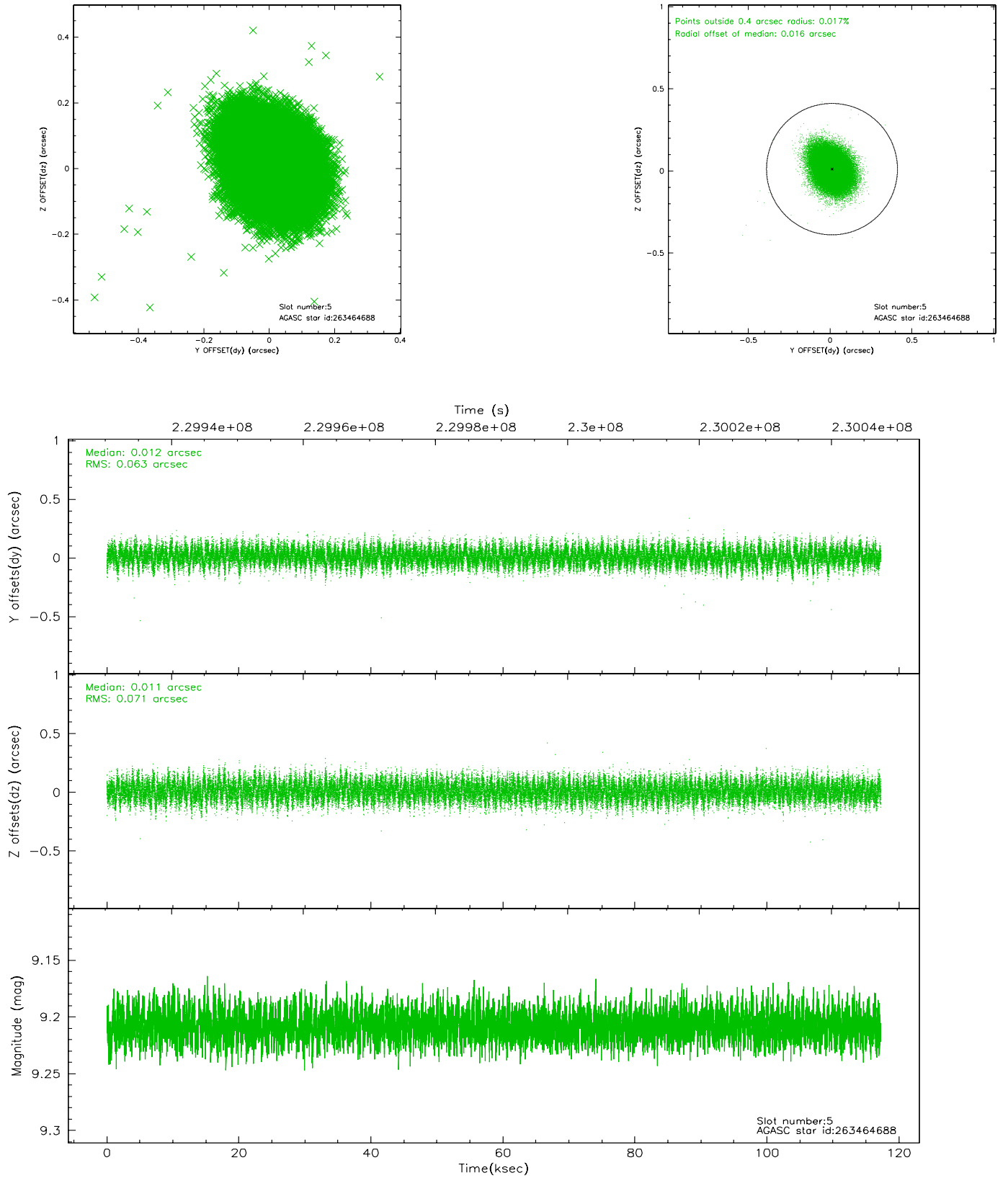
2.4.1 Slot 3



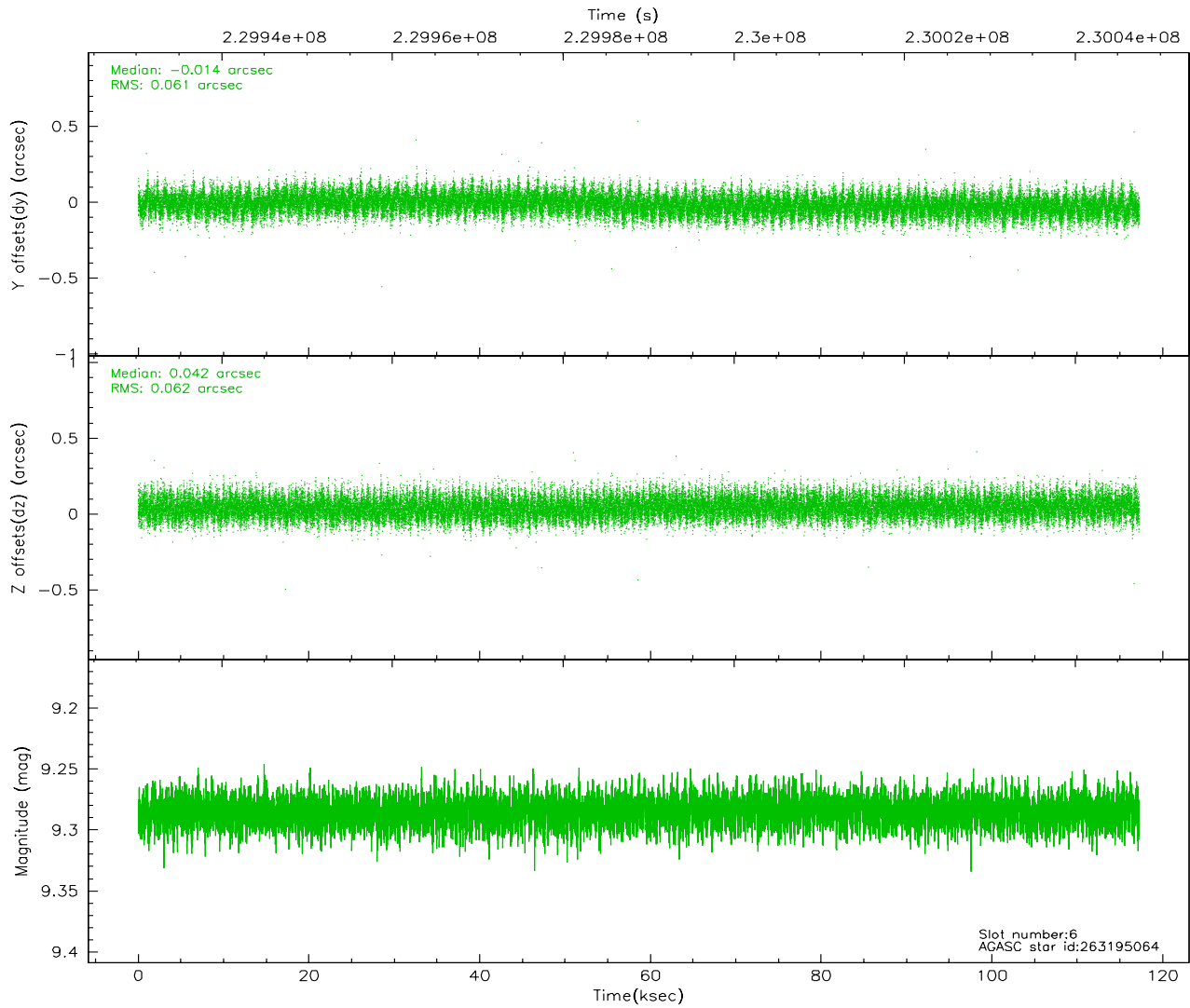
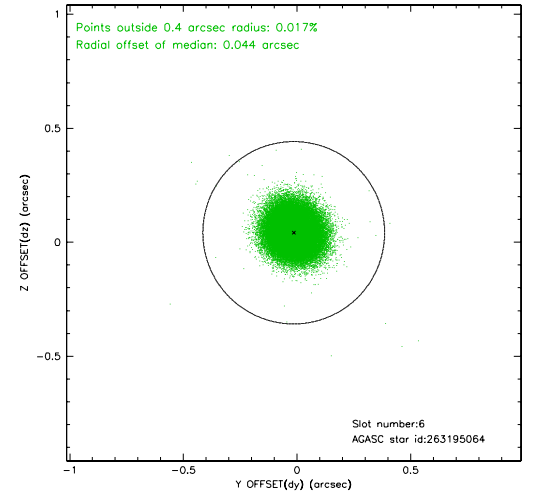
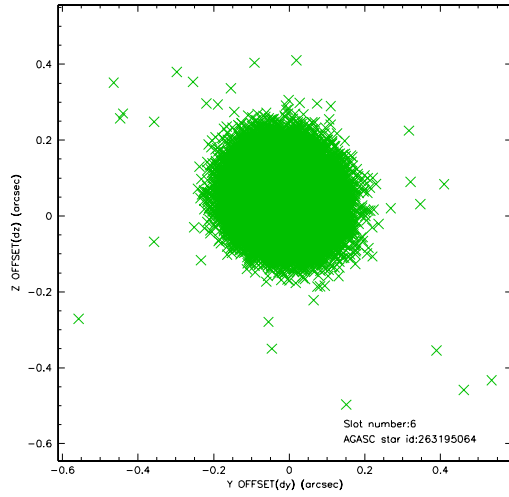
2.4.2 Slot 4



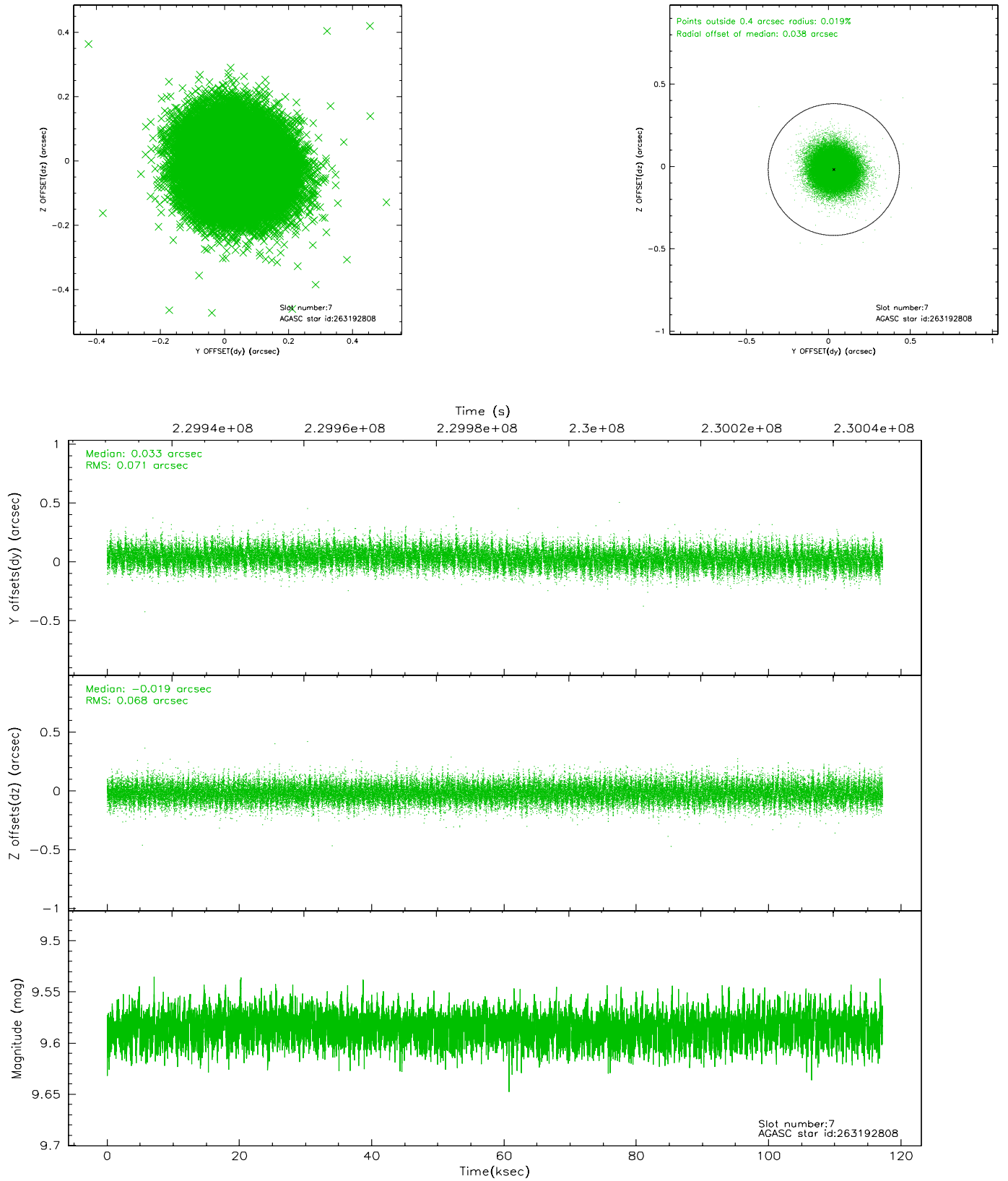
2.4.3 Slot 5



2.4.4 Slot 6

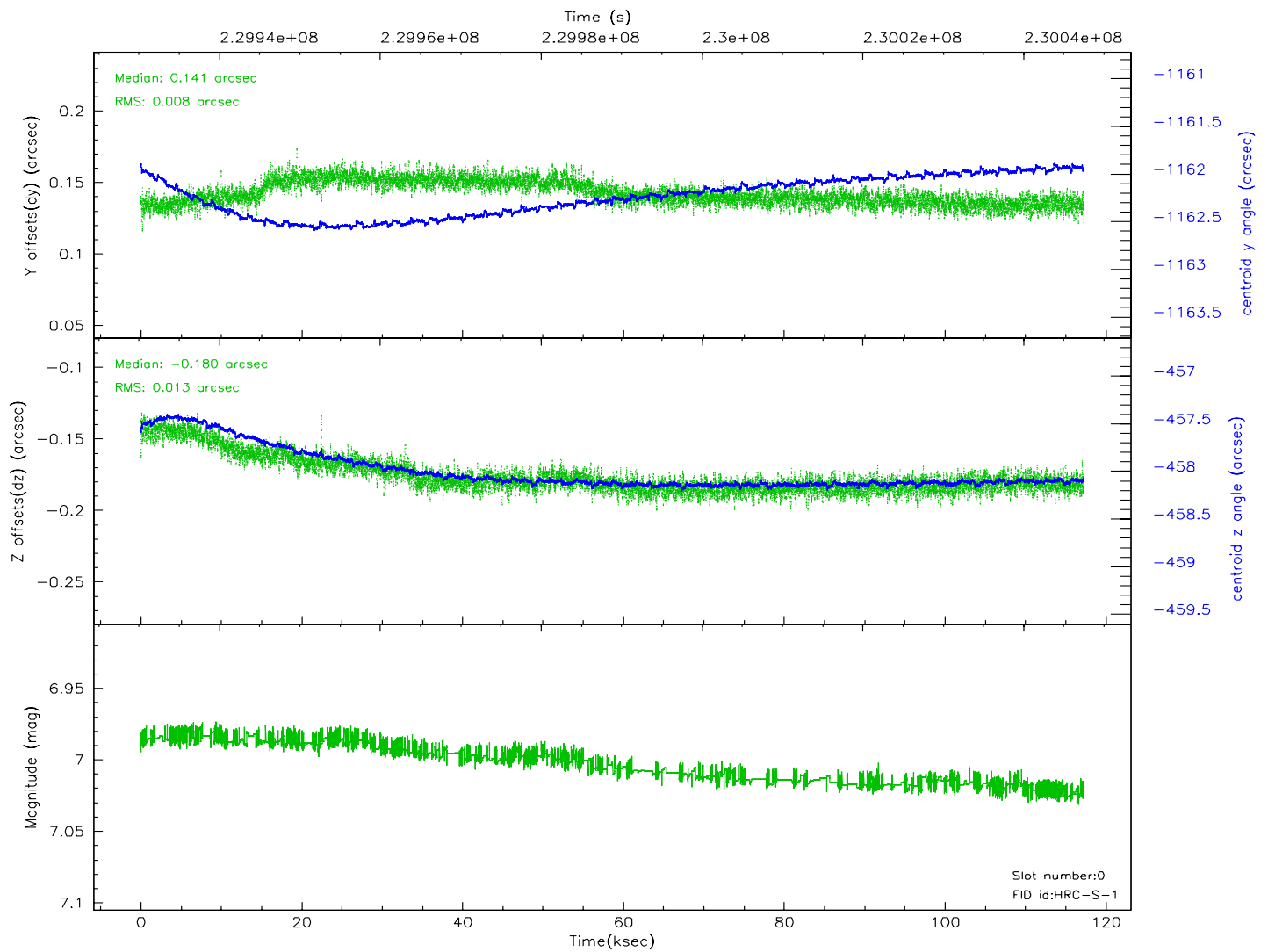
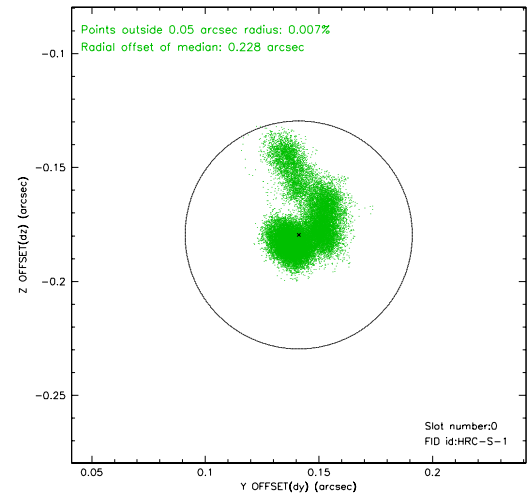
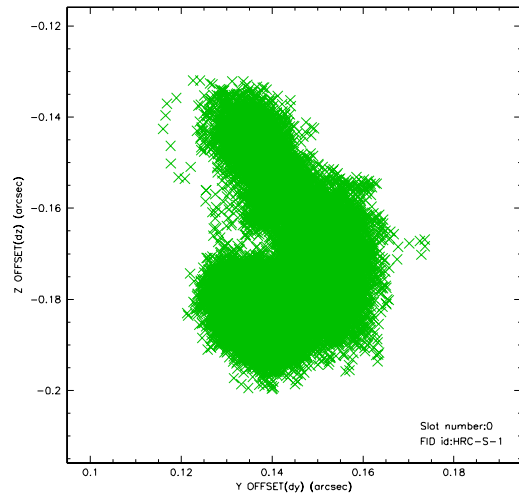


2.4.5 Slot 7

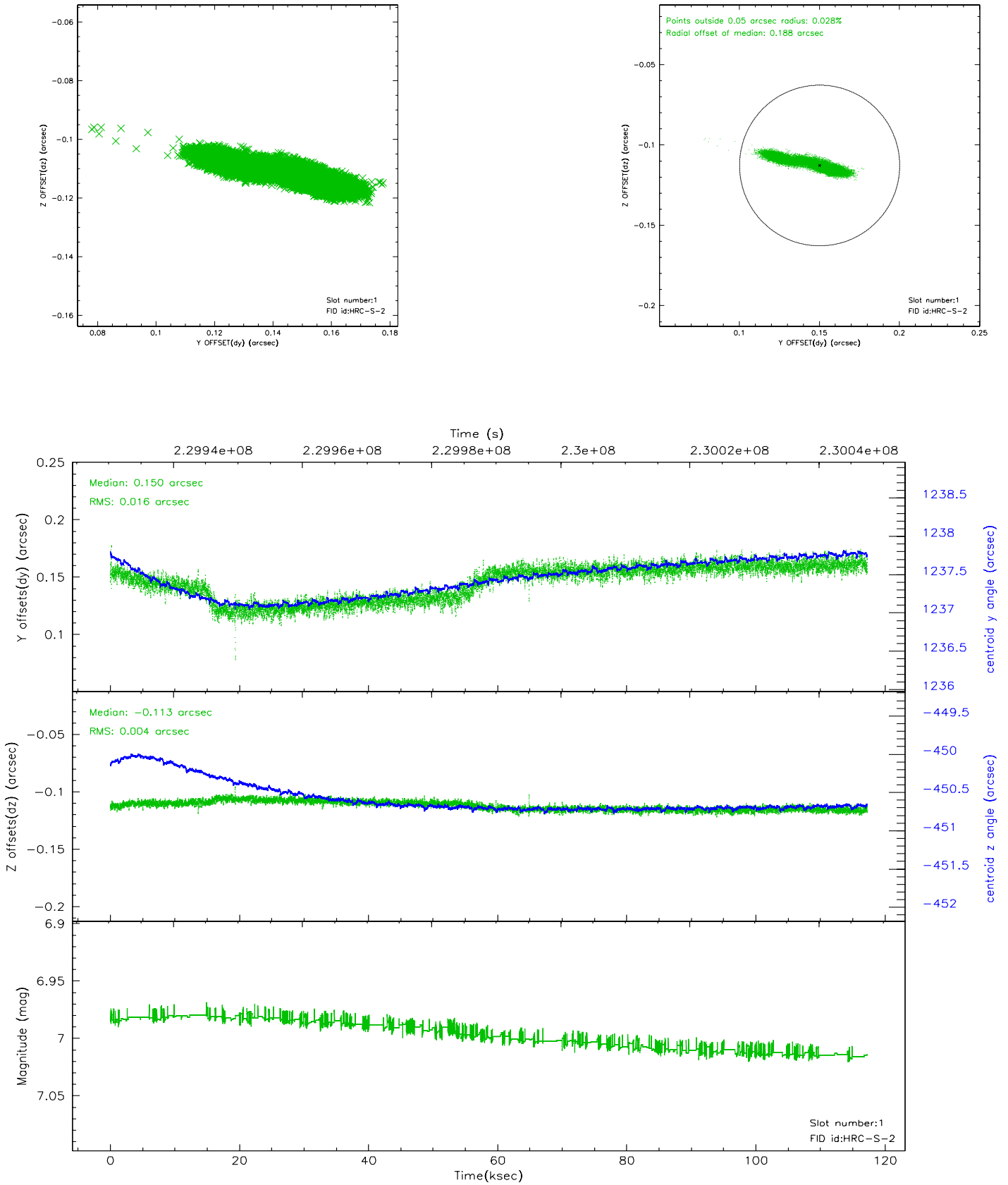


2.5 FID Slots

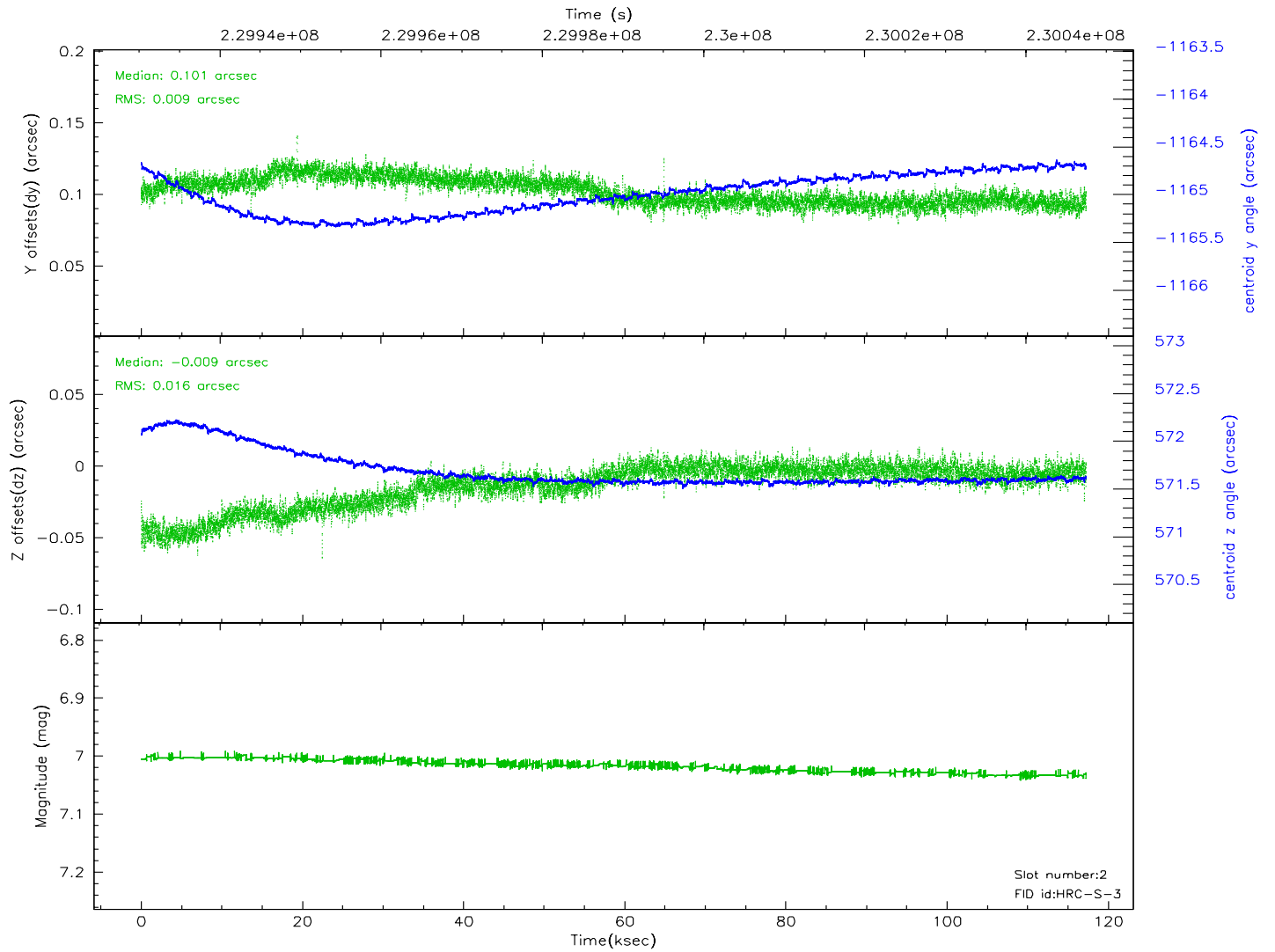
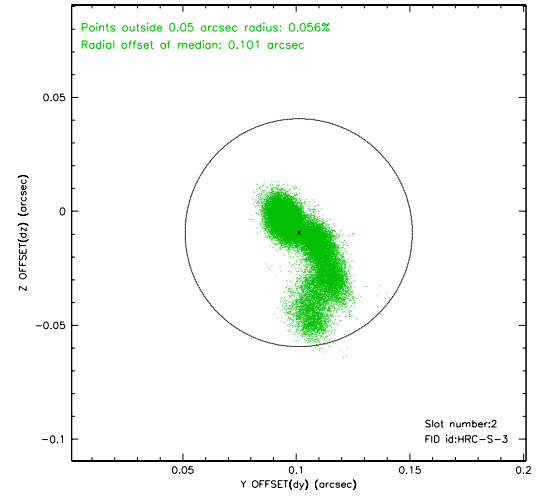
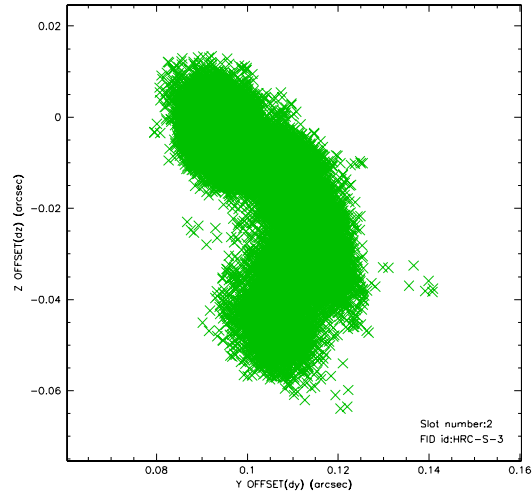
2.5.1 Slot 0



2.5.2 Slot 1

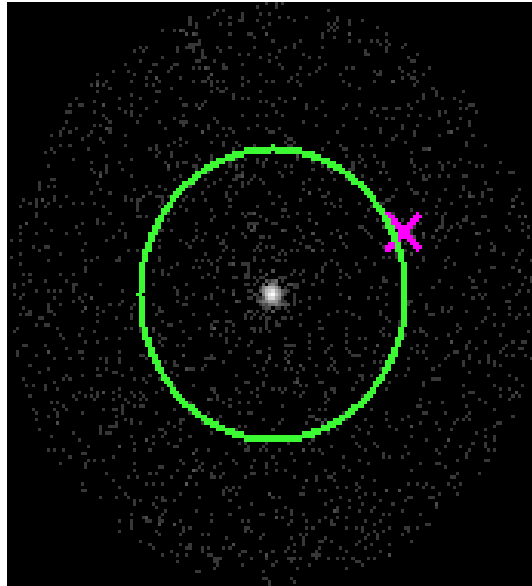


2.5.3 Slot 2



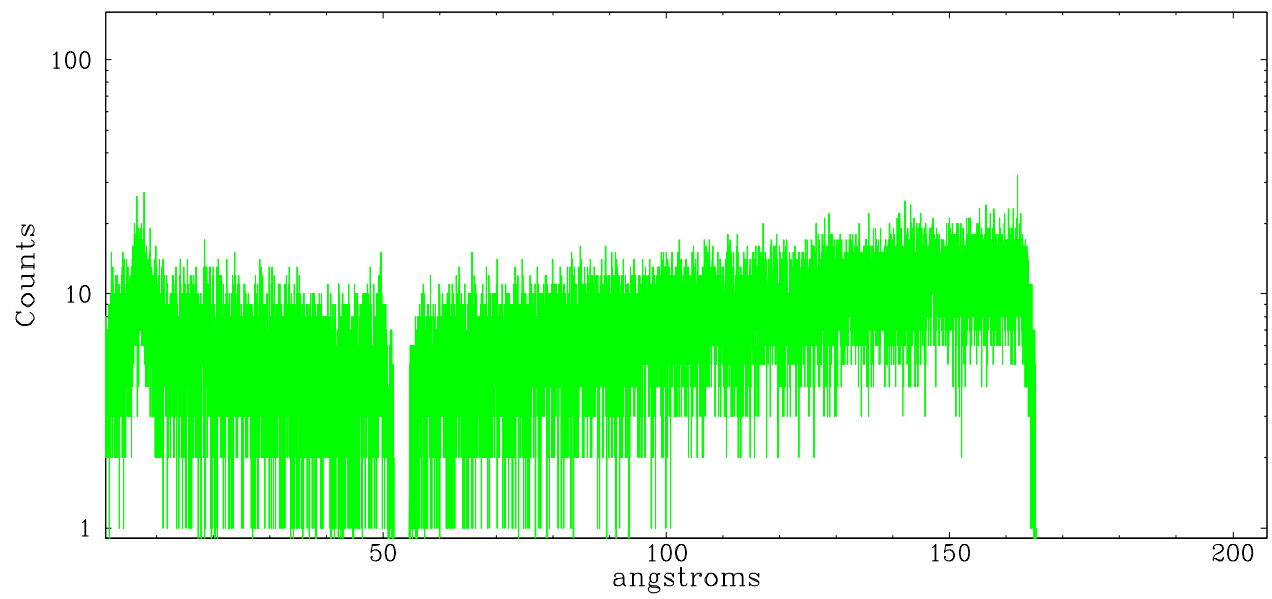
3 Gratings

3.1 LETG Arm

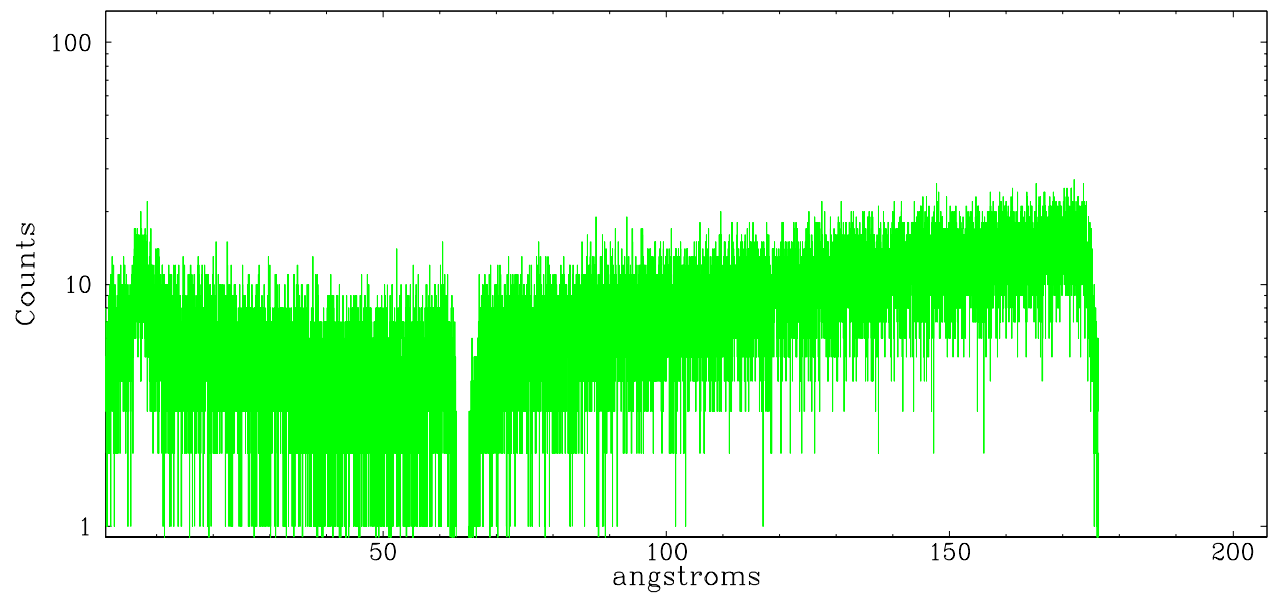


LETG Zero Order

leg order -1



leg order +1



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.03.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	116.4287

A.2 Comments