

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 5344 - L2 Version 001
Chandra X-Ray Center

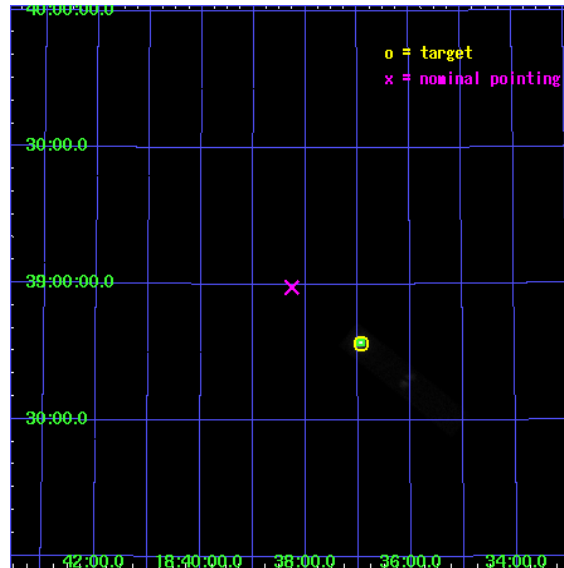
L2 Processing Date : Apr 26 2006

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1 Front

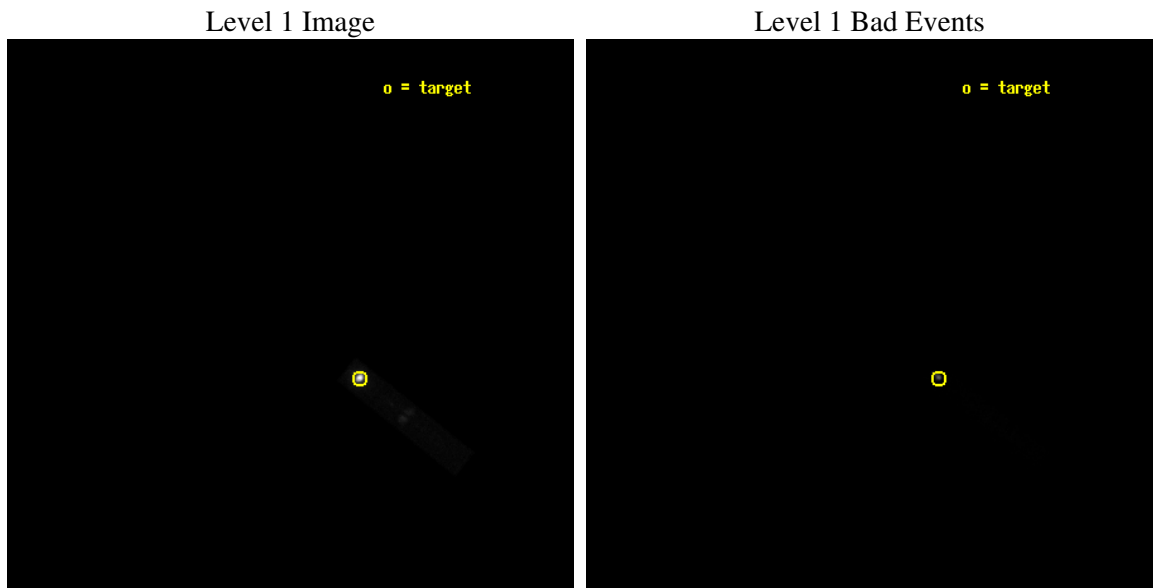
seq_num	290441
obs_id	5344
title	Monitoring the health of the HRC UV Ion shield
observer	Dr. CXC Calibration
object	Vega
ra_targ	279.235
dec_targ	38.783778
ra_nom	279.56455281281
dec_nom	38.989210158039
roll_nom	218.59501232887
revision	2
ontime	3283.3313959539
livetime	1161.5405155065
l2events	585684



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	2
ascdsver	7.6.7.2
caldbver	3.2.1
date	2006-04-26T13:13:36
revision	2

sched_exp_time	3100.000000
ontime	3283.3313959539
l1events	650138

2.1.3 Events

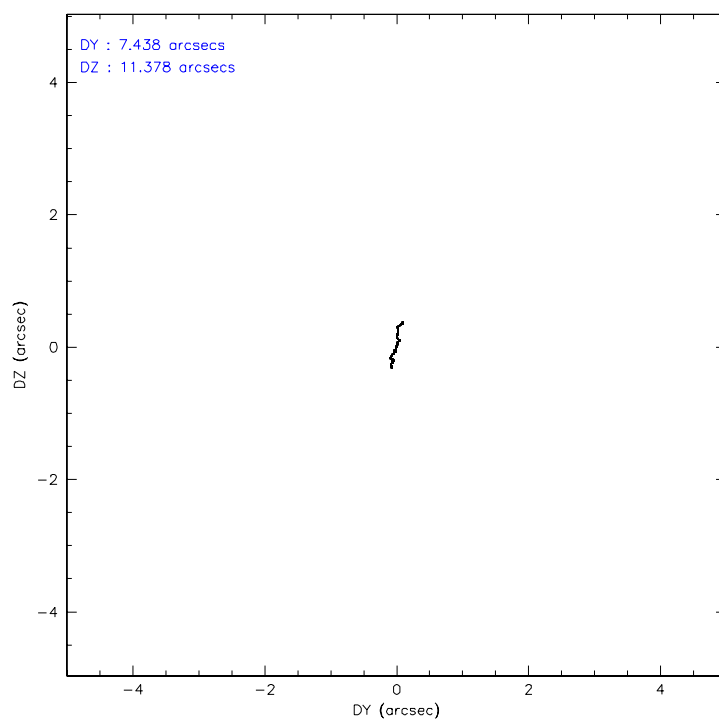
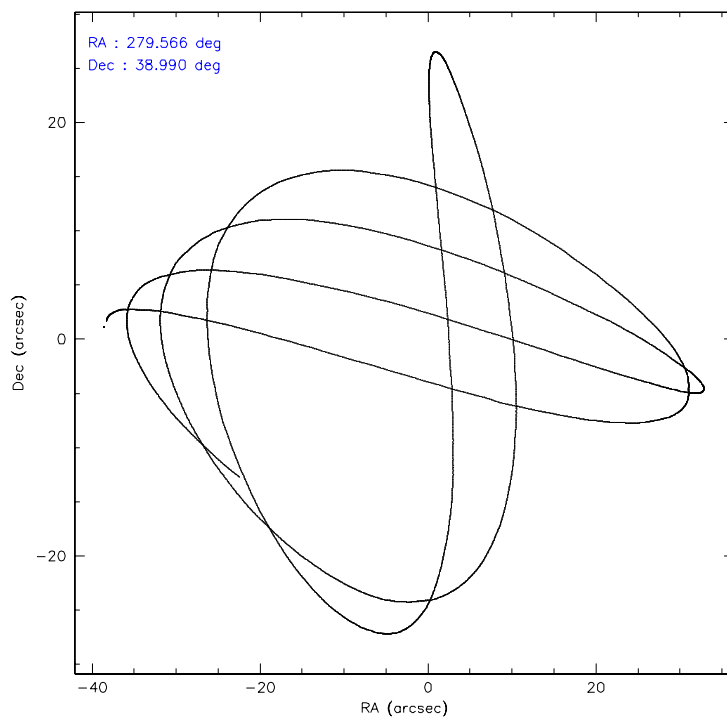
Level 1 Events

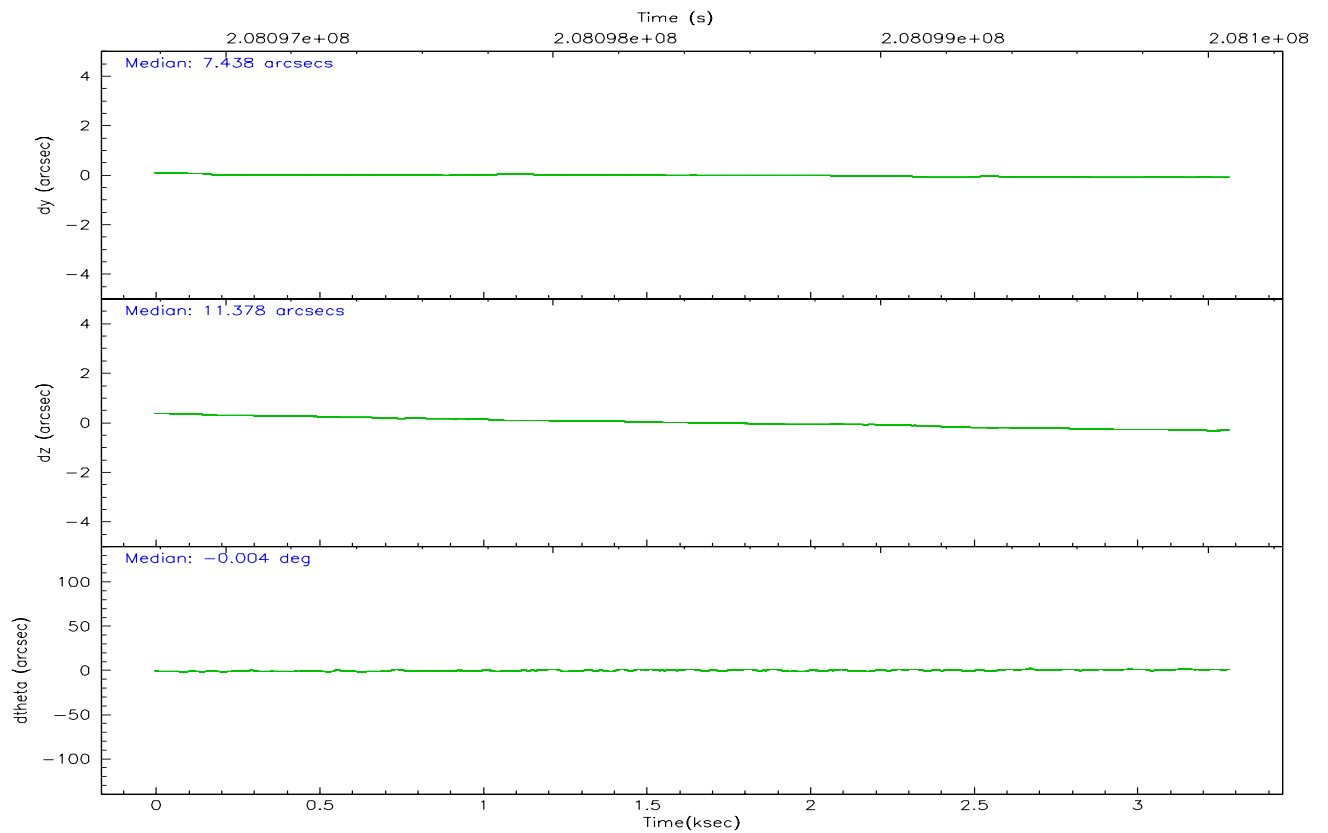
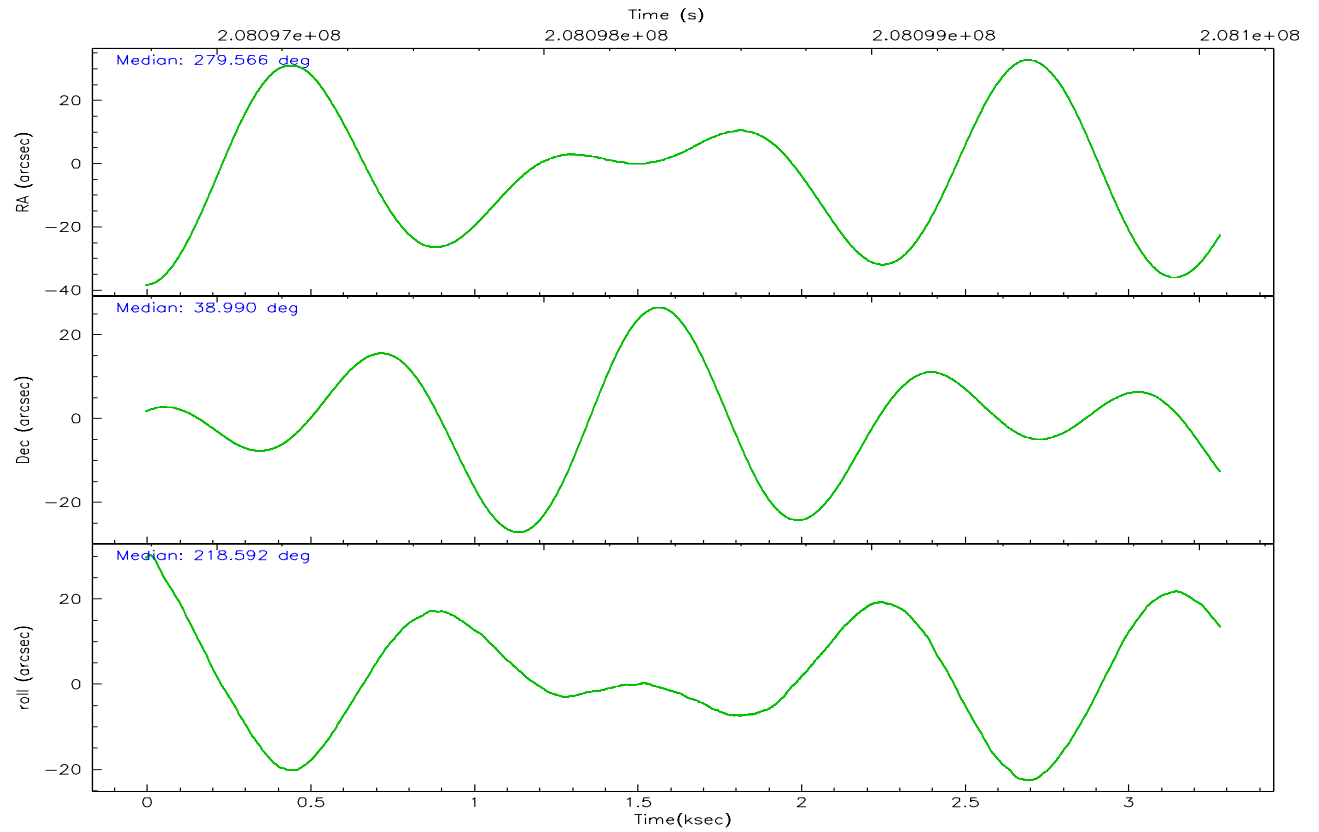
	segment 1	segment 2	segment 3
level 1 events	3668	225	646245
rejected events	3668	216	52967
rejected %	100%	96%	8%

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	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
Pointing RA	279.576450	279.5645528128112			
Pointing Dec	39.016178	38.98921015803878			
Pointing Roll	218.520178	218.5950123288675			
Window start time	207705664.184000	207705664.184000			
Window stop time	210384004.184000	210384004.184000			
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	208096963.184000	208096587.30025			
Observation start date	2004-08-05T12:41:39	2004-08-05T12:36:27			
Observation end time	208100063.184000	208100197.35041			
Observation end date	2004-08-05T13:33:19	2004-08-05T13:36:37			

2.3 Aspect



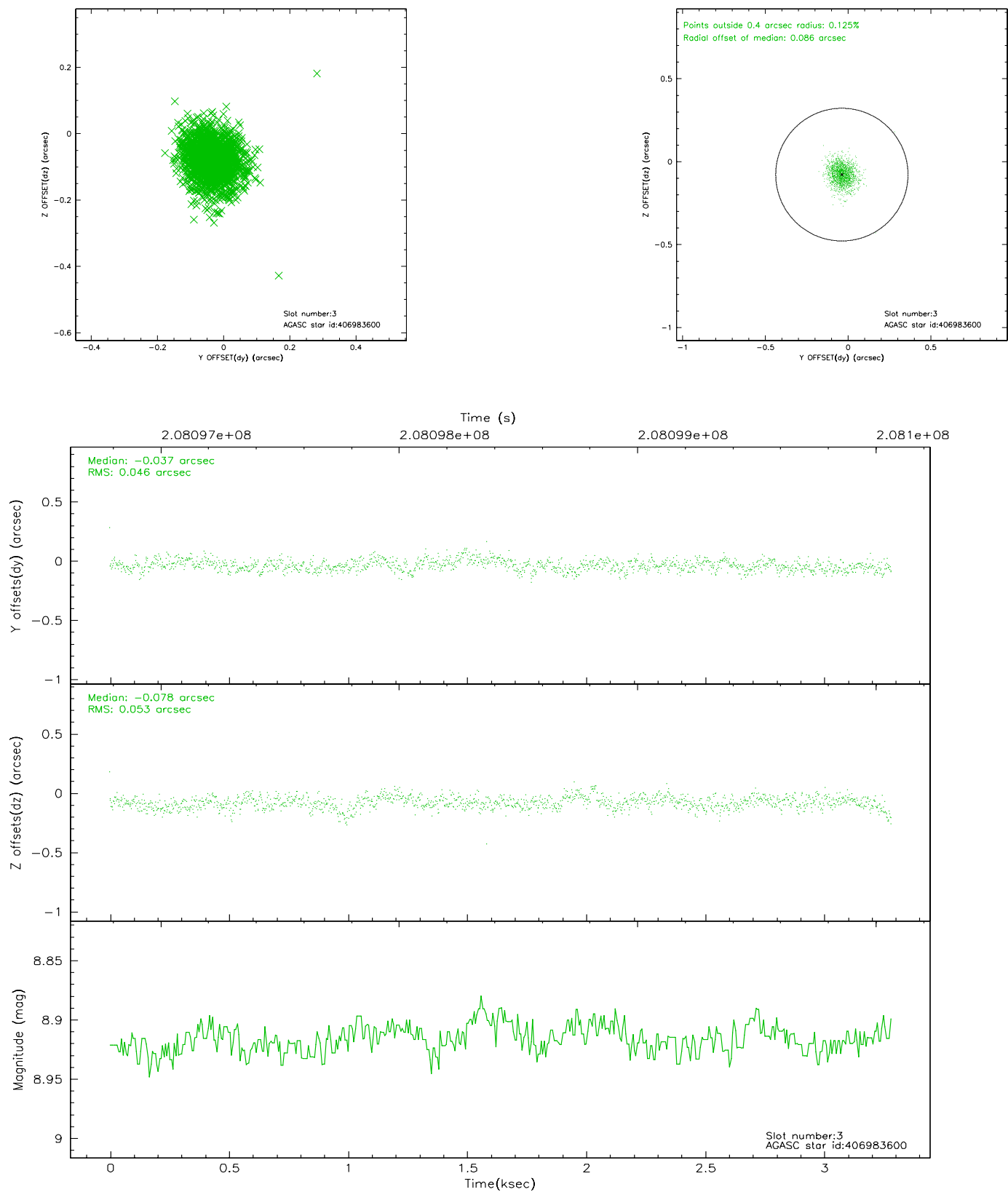


Slot Statistics

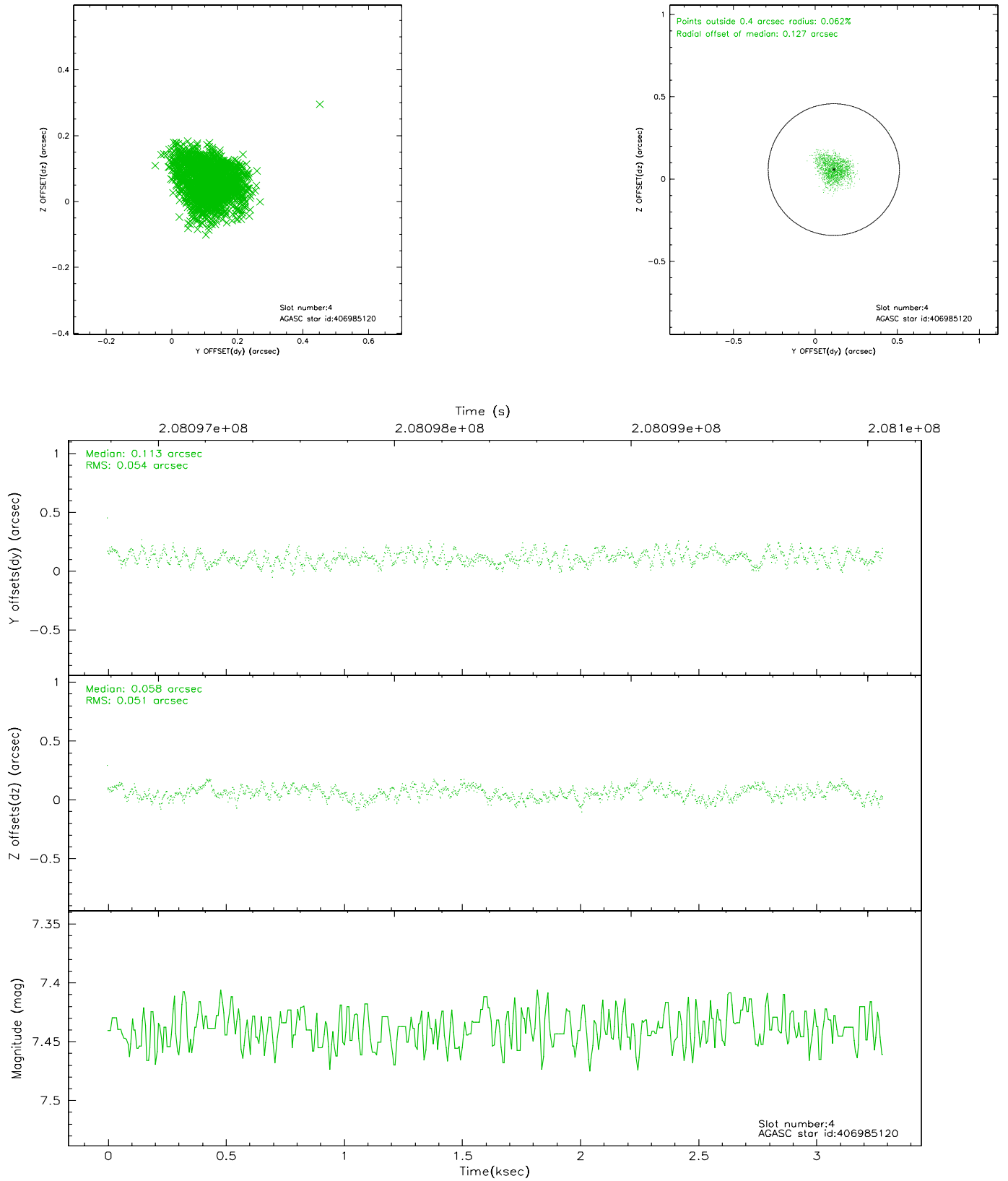
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.01	800	0.123	-0.135	0.015	0.022	0.000000	0.000000	-1161.58	-460.10
1	FID	HRC-S-2	7.01	799	0.167	-0.113	0.012	0.022	0.000000	0.000000	1236.69	-453.27
2	FID	HRC-S-3	7.02	799	0.101	-0.054	0.019	0.027	0.000000	0.000000	-1162.78	568.94
3	GUIDE	406983600	8.92	1599	-0.037	-0.078	0.073	0.121	279.940957	39.020708	-808.94	622.05
4	GUIDE	406985120	7.44	1603	0.113	0.058	0.080	0.124	278.839732	38.894839	1881.75	-948.82
5	GUIDE	406989616	8.23	1602	0.000	-0.015	0.061	0.096	279.202881	38.520843	1933.87	738.68
6	GUIDE	407521232	8.64	1599	0.023	-0.031	0.076	0.121	279.628883	39.431715	-1044.21	-1078.26
7	GUIDE	407521584	8.94	1600	-0.101	0.063	0.082	0.129	279.676096	39.795417	-1963.23	-2022.93

2.4 Star Slots

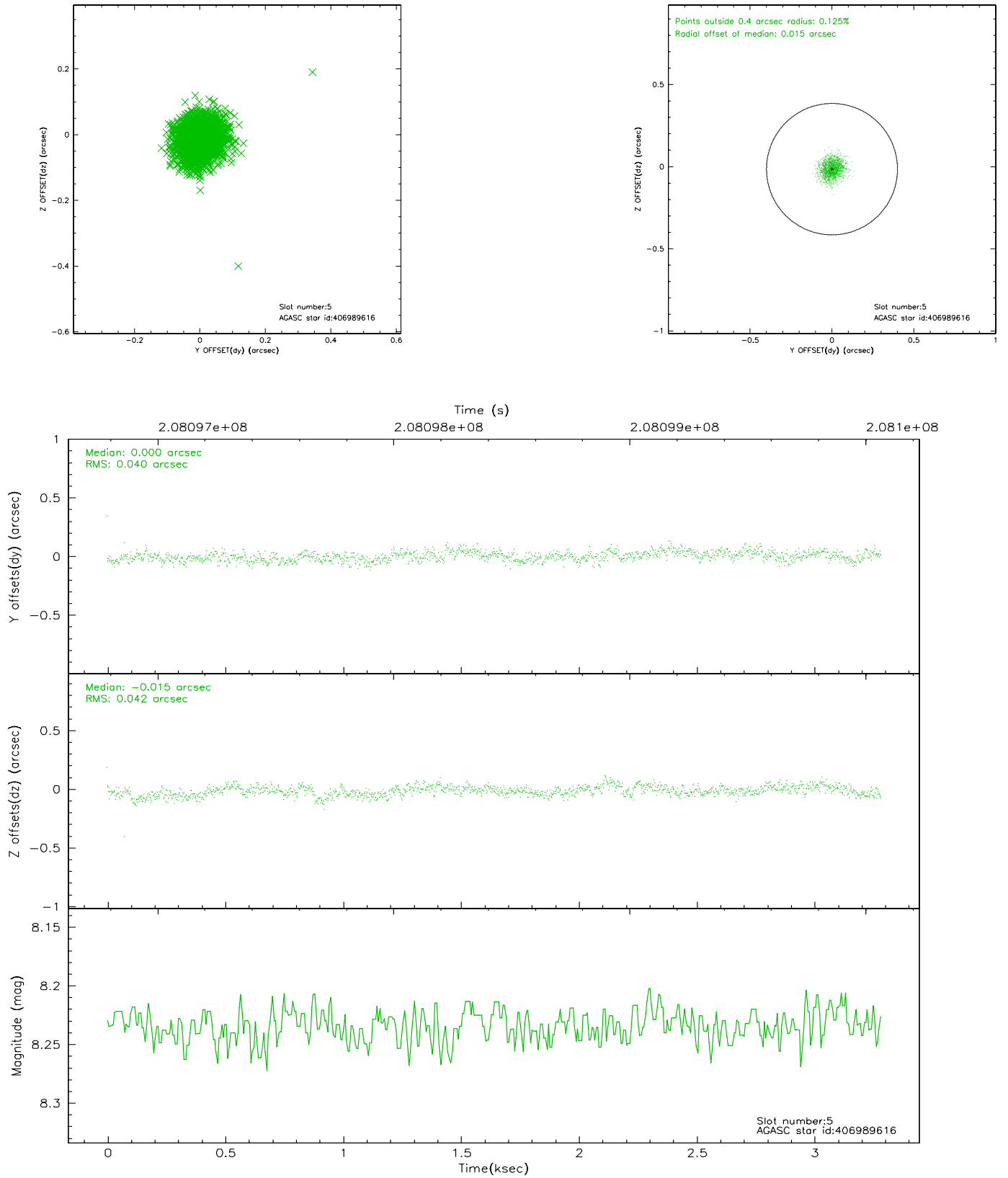
2.4.1 Slot 3



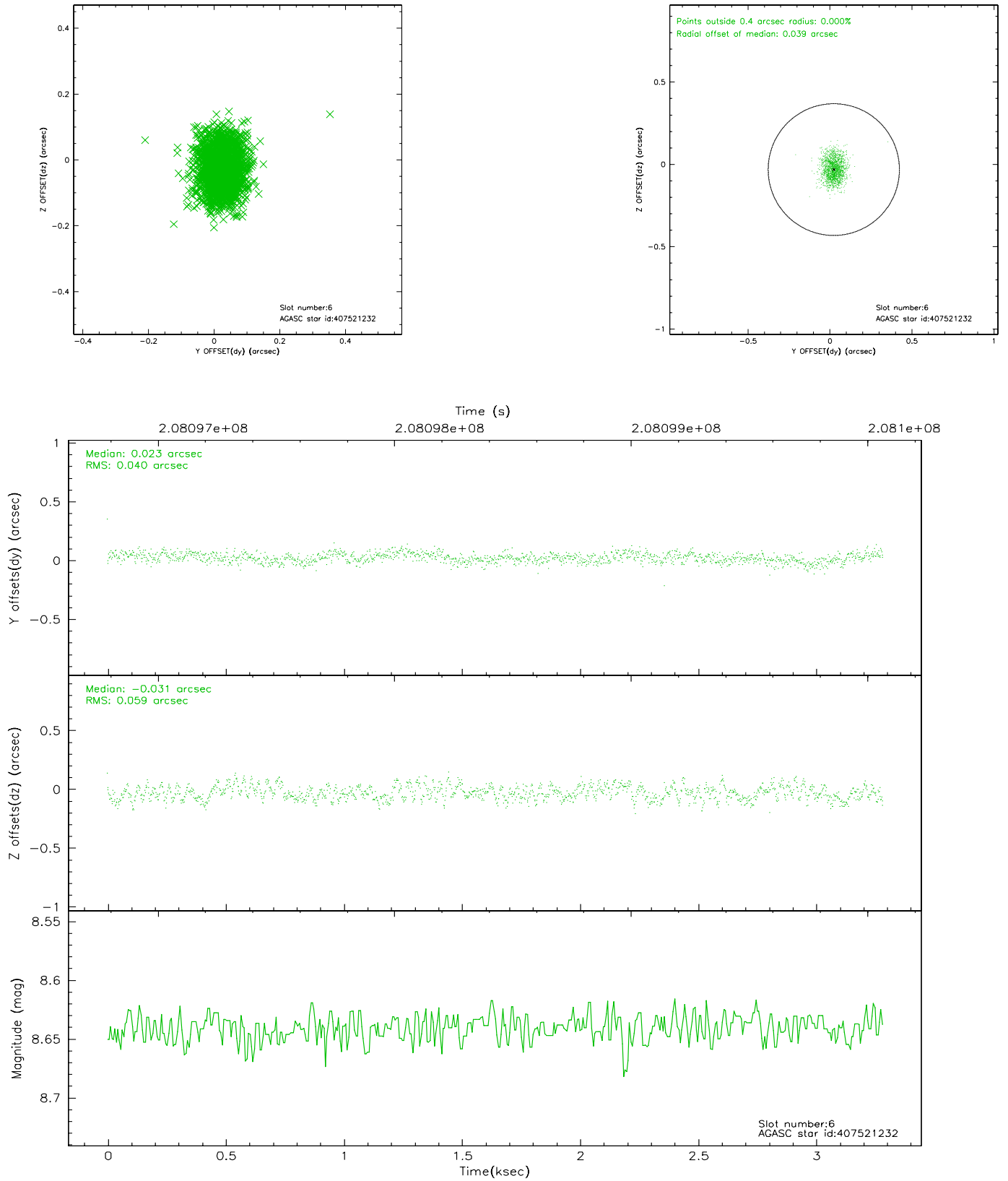
2.4.2 Slot 4



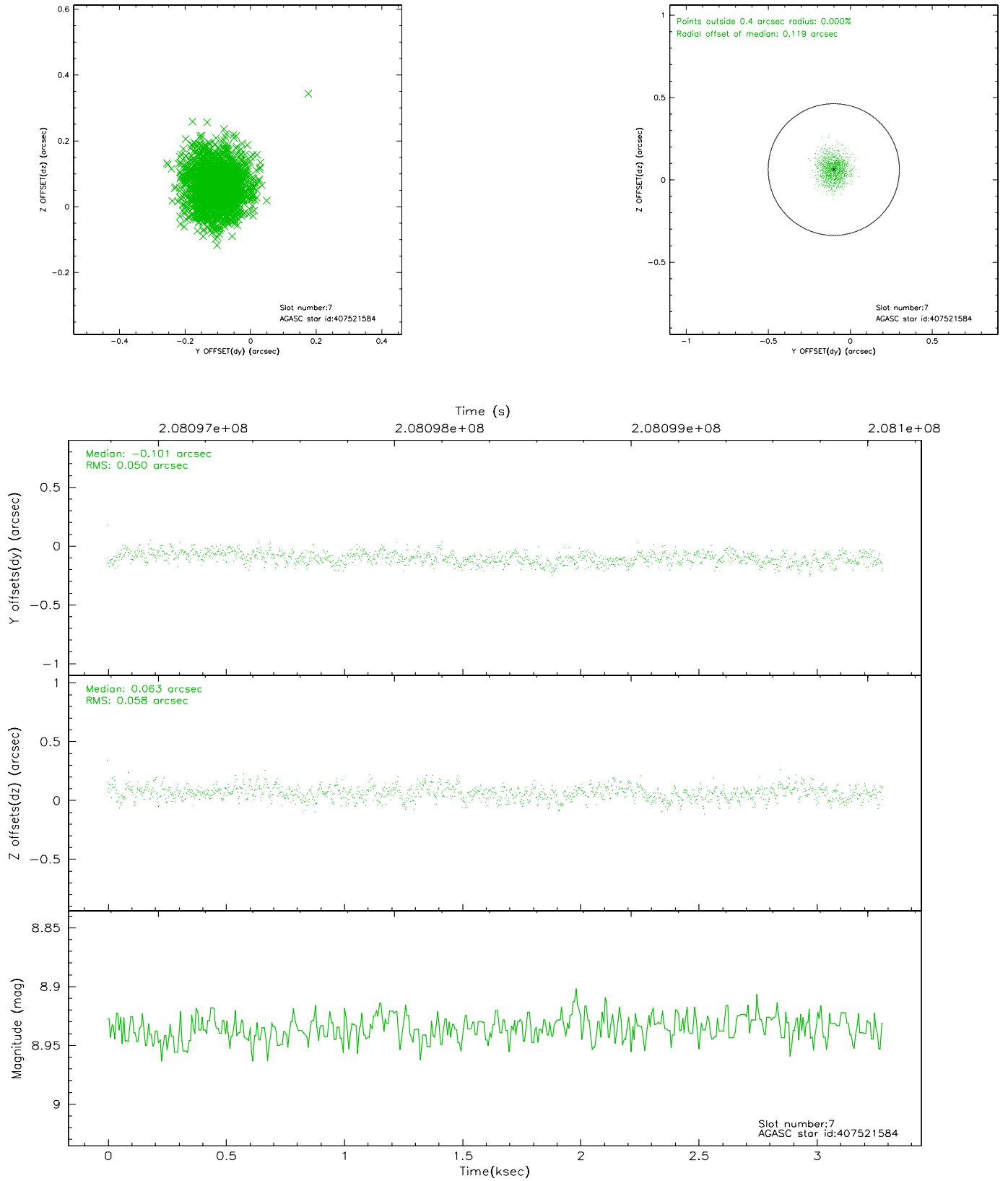
2.4.3 Slot 5



2.4.4 Slot 6

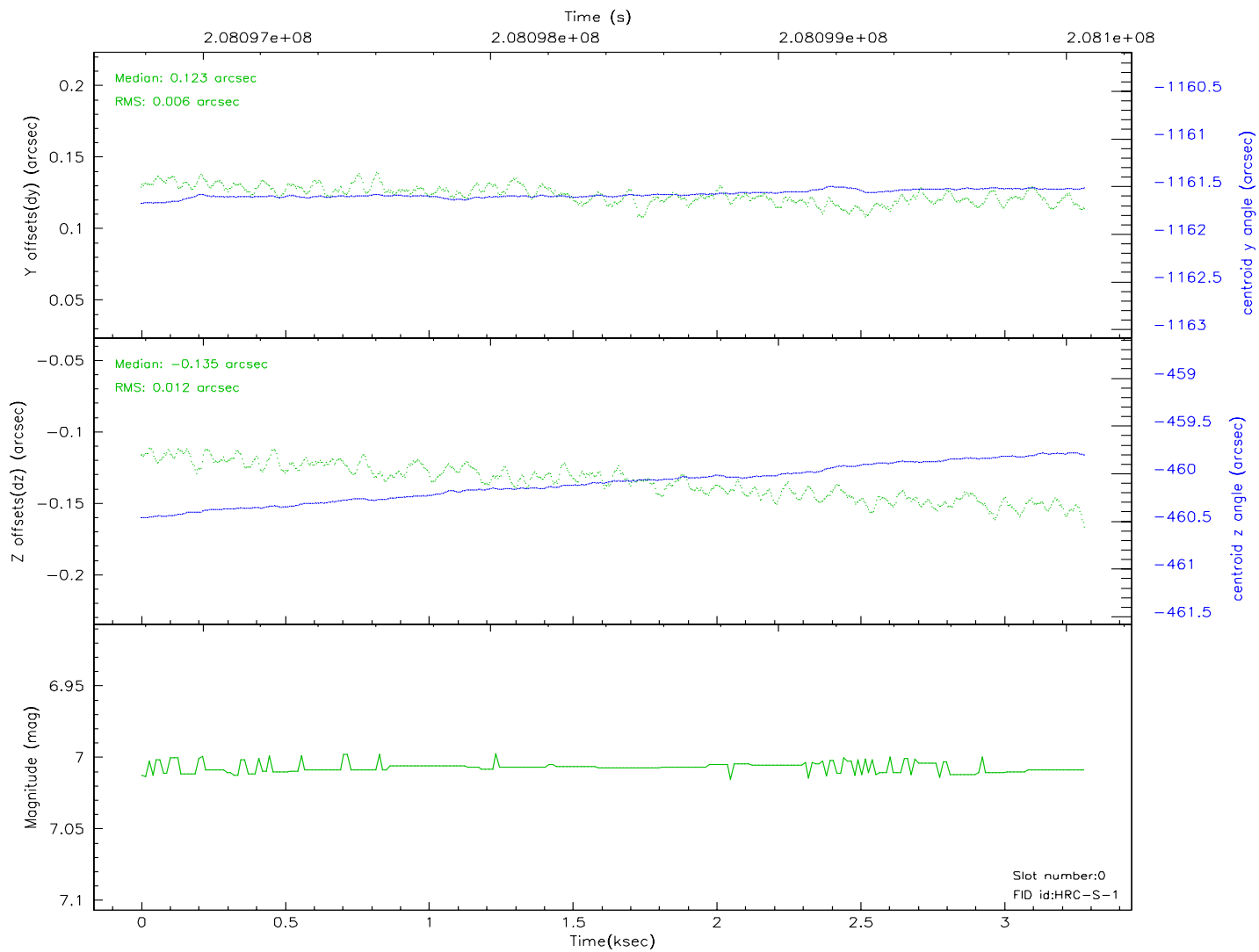
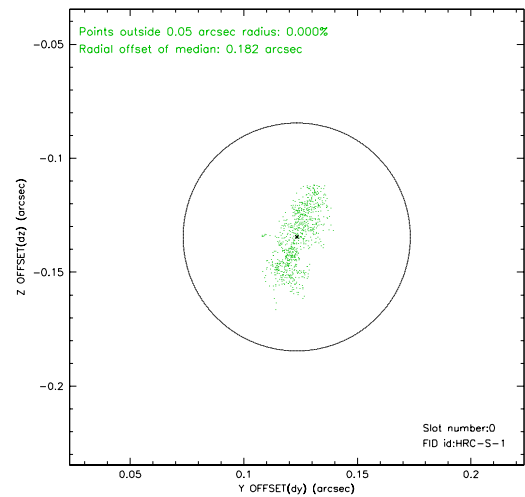
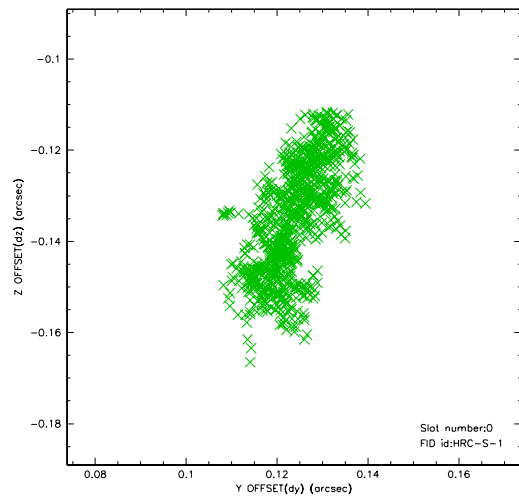


2.4.5 Slot 7

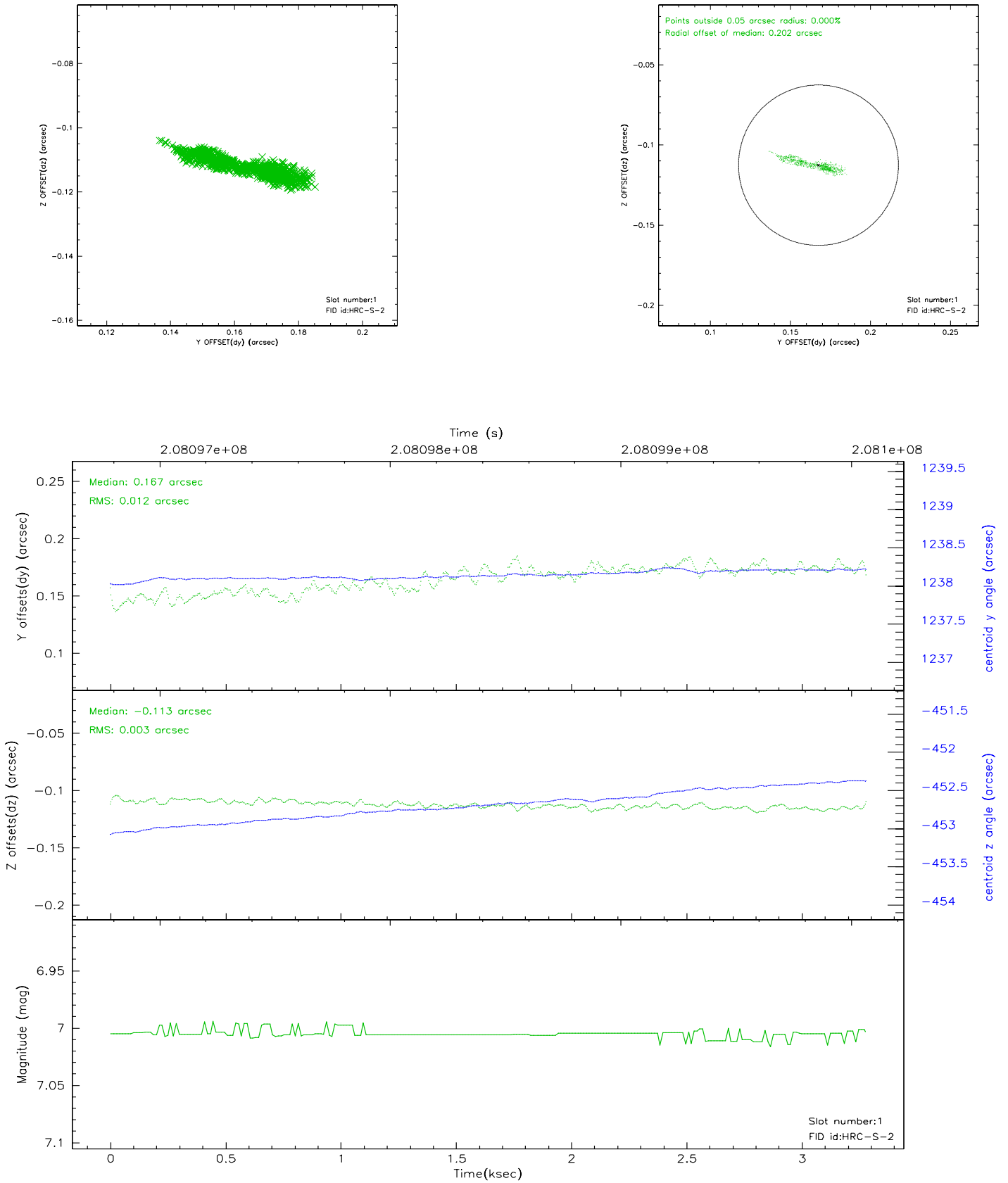


2.5 FID Slots

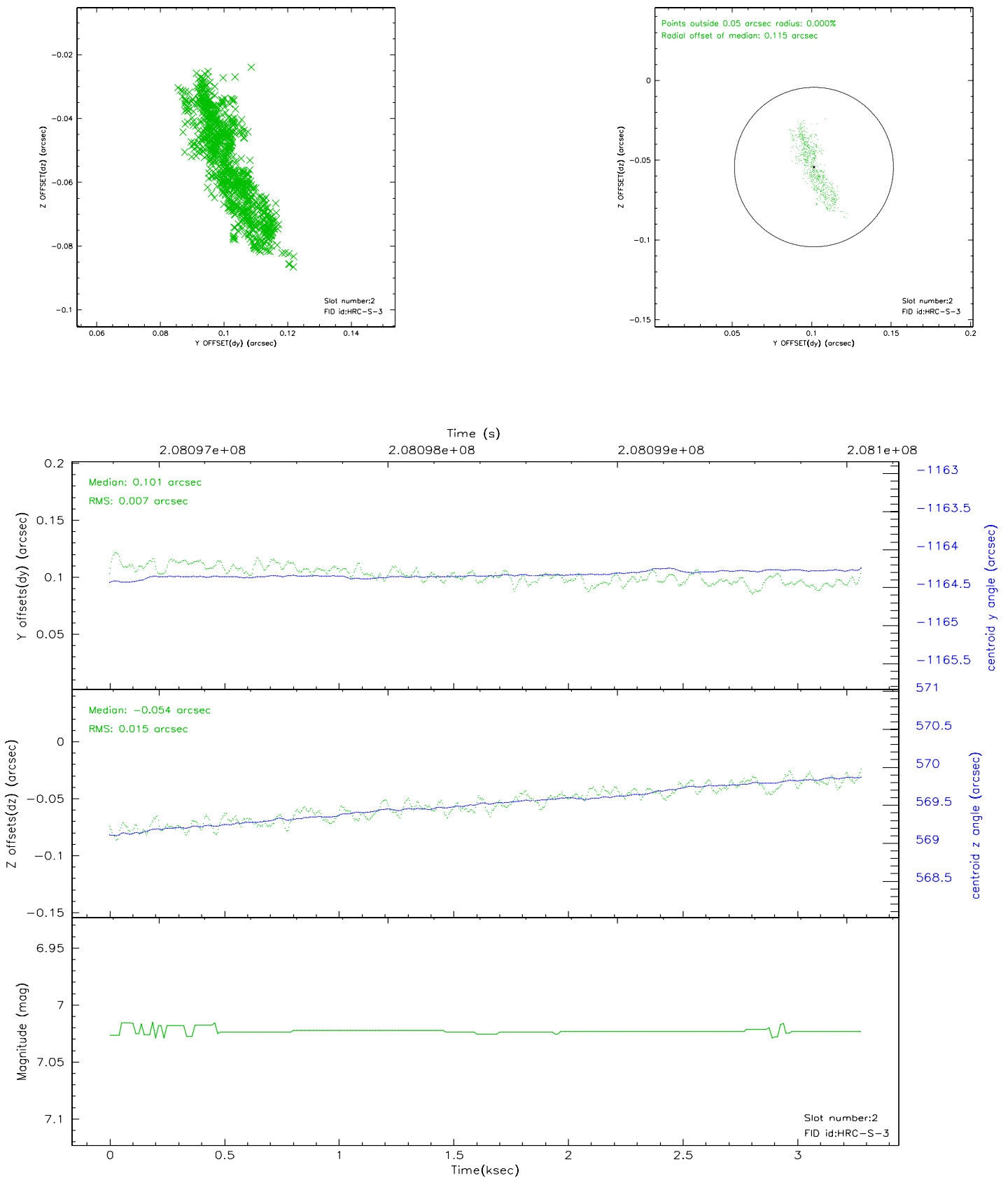
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.04.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.283

A.2 Comments

The keywords DTCOR, EXPOSURE, and LIVETIME in the Level 2 event file and the

keyword DTCOR in the Level 1 event file have been incorrectly determined due to a software bug. The correct value of DTCOR can be found in the file DTFSTATS file that can be obtained by downloading the secondary data products. In most cases, the difference between the correct DTCOR value and the incorrect DTCOR value in the Level 2 event file is very small and does not affect the data analysis. However, there are cases of significant differences and the user is advised to use the DTCOR in the DTFSTATS file for analysis. Corrected data products will be made available in the archive as soon as feasible.

Window constraint satisfied.