

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 990 - L2 Version 001
Chandra X-Ray Center

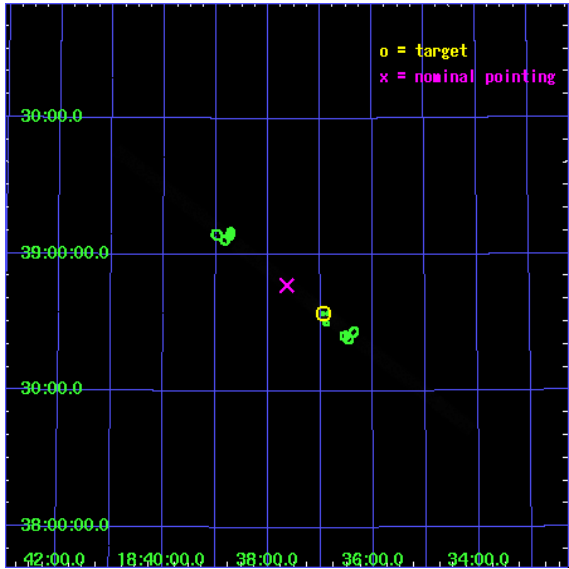
L2 Processing Date : Nov 6 2006

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1 Front

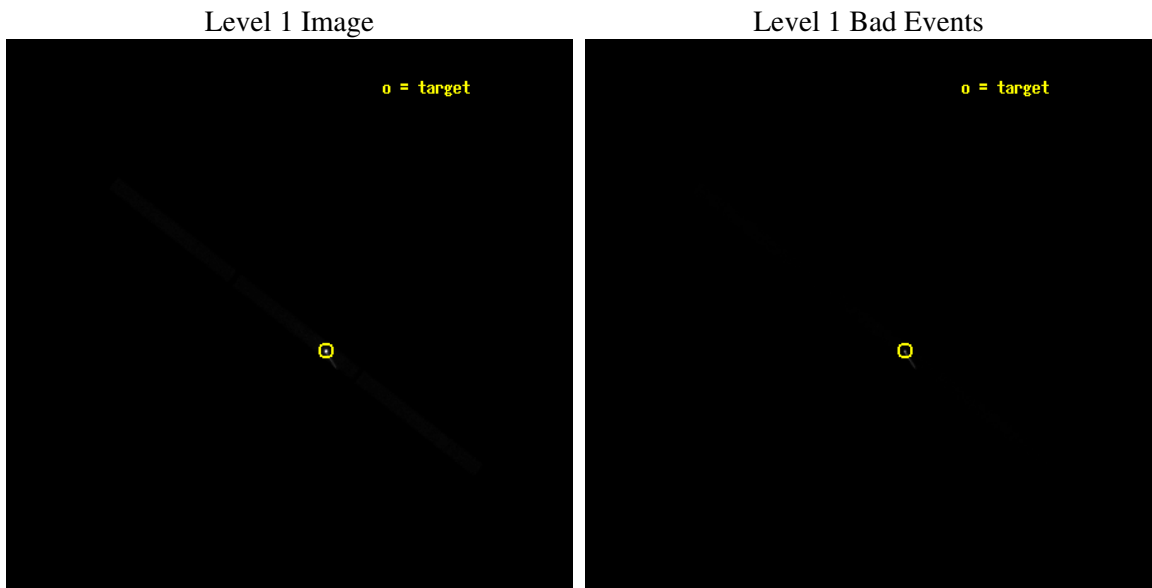
seq_num	290071
obs_id	990
title	CALIBRATION OBSERVATIONS OF VEGA TO MONITOR THE TRANSMISSION OF THE OPTICAL/UV FILTERS ON ACIS AND HRC
observer	Dr. CXC Calibration
object	VEGA, HRC-S, AO2
ra_targ	279.234792
dec_targ	38.783778
ra_nom	279.40987974653
dec_nom	38.888885082205
roll_nom	37.739857462097
revision	4
ontime	2701.131354019
livetime	2148.3854501033
l2events	453434



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.3
date	2006-11-06T11:20:51
revision	3

sched_exp_time	2500.000000
ontime	2702.1563540548
l1events	552724

2.1.3 Events

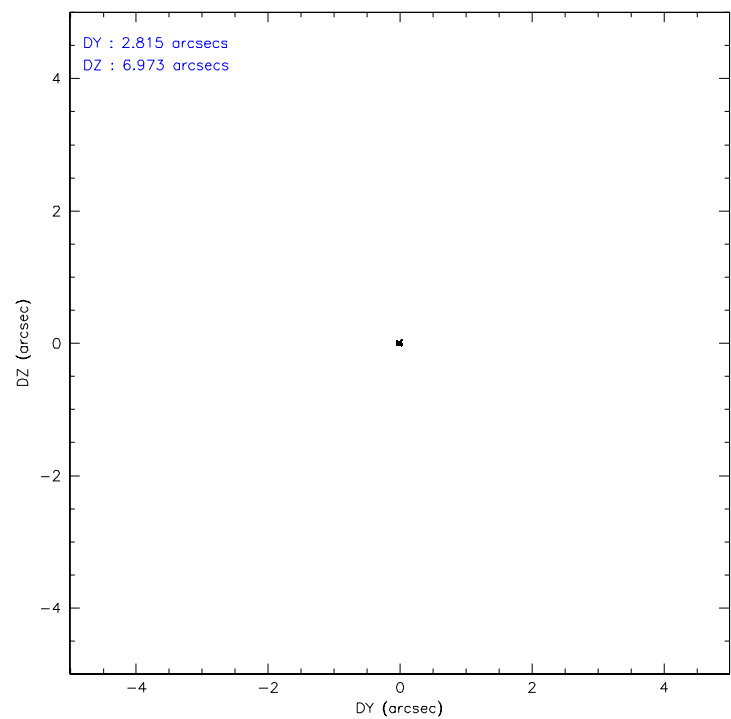
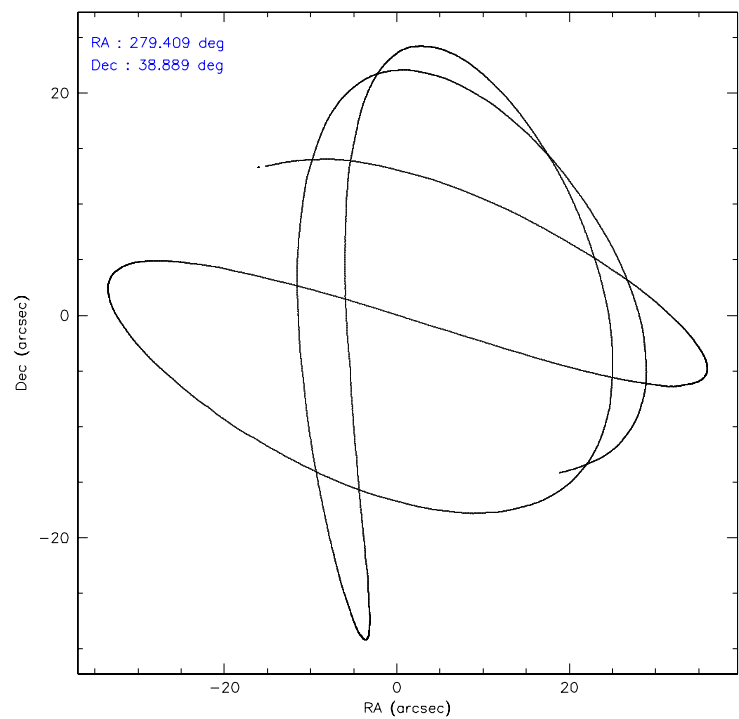
Level 1 Events

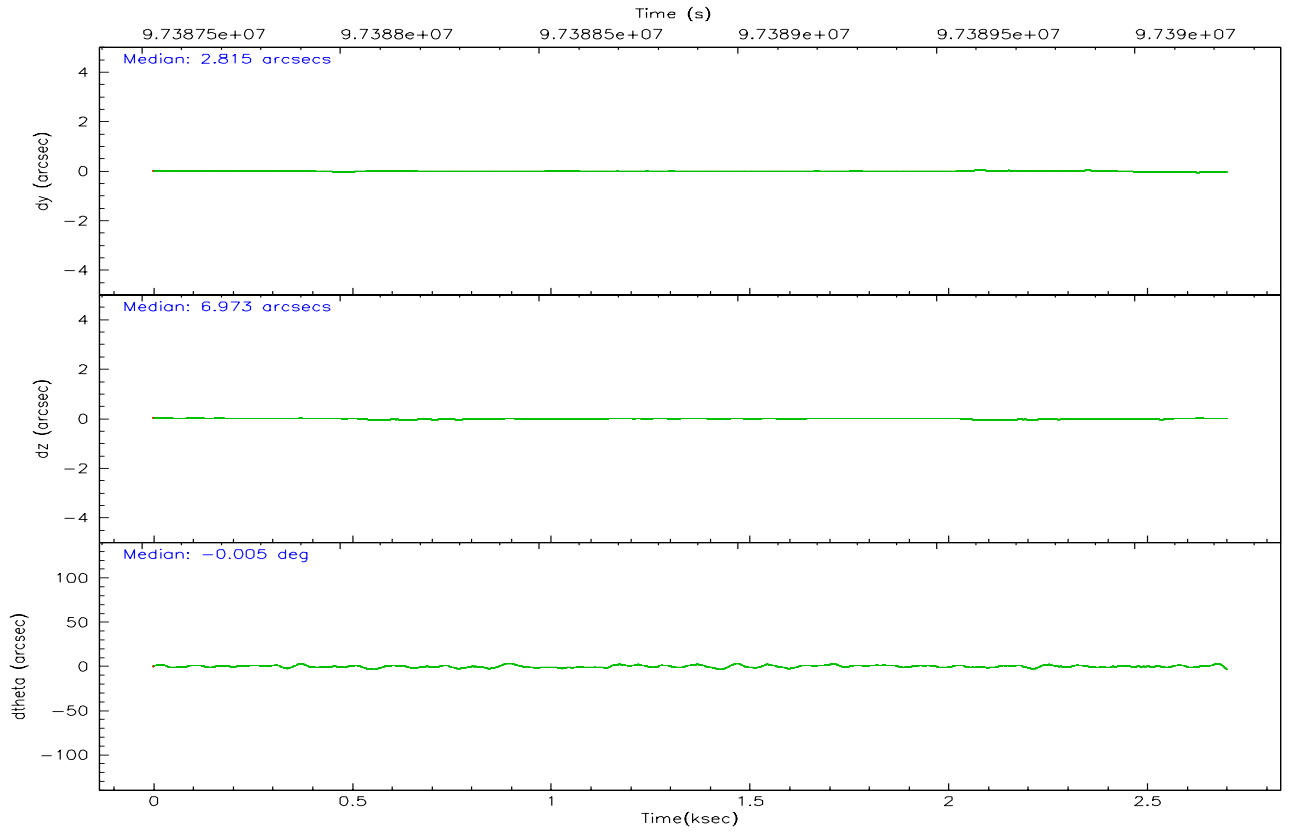
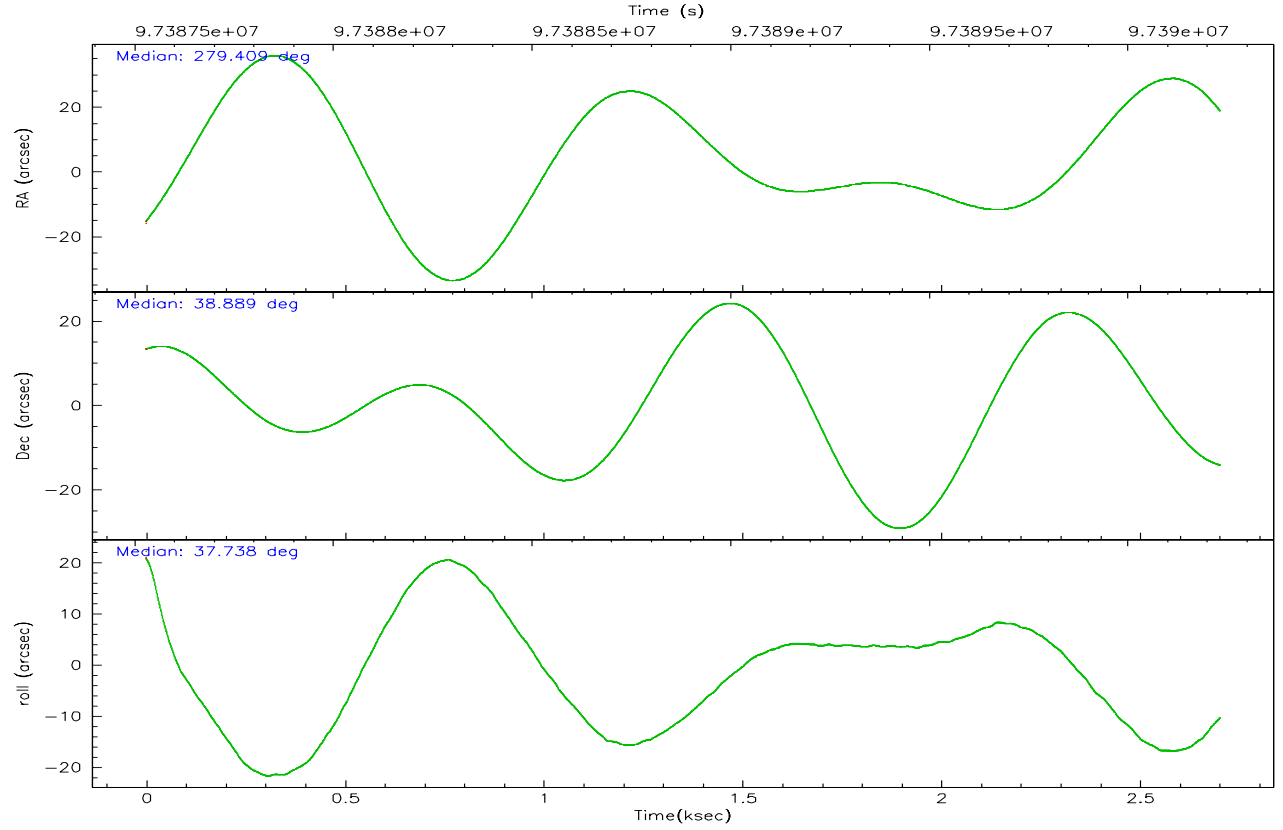
	segment 1	segment 2	segment 3
level 1 events	48406	456591	47727
rejected events	14763	55067	16955
rejected %	30%	12%	35%

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	279.396672	279.4098797465346			
Pointing Dec	38.861554	38.88888508220467			
Pointing Roll	37.680790	37.73985746209715			
Window start time	97372864.184000	97372864.184000			
Window stop time	99705664.184000	99705664.184000			
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	97387729.184000	97387353.09221201			
Observation start date	2001-02-01T04:07:45	2001-02-01T04:02:33			
Observation end time	97390229.184000	97390363.00482801			
Observation end date	2001-02-01T04:49:25	2001-02-01T04:52:43			

2.3 Aspect



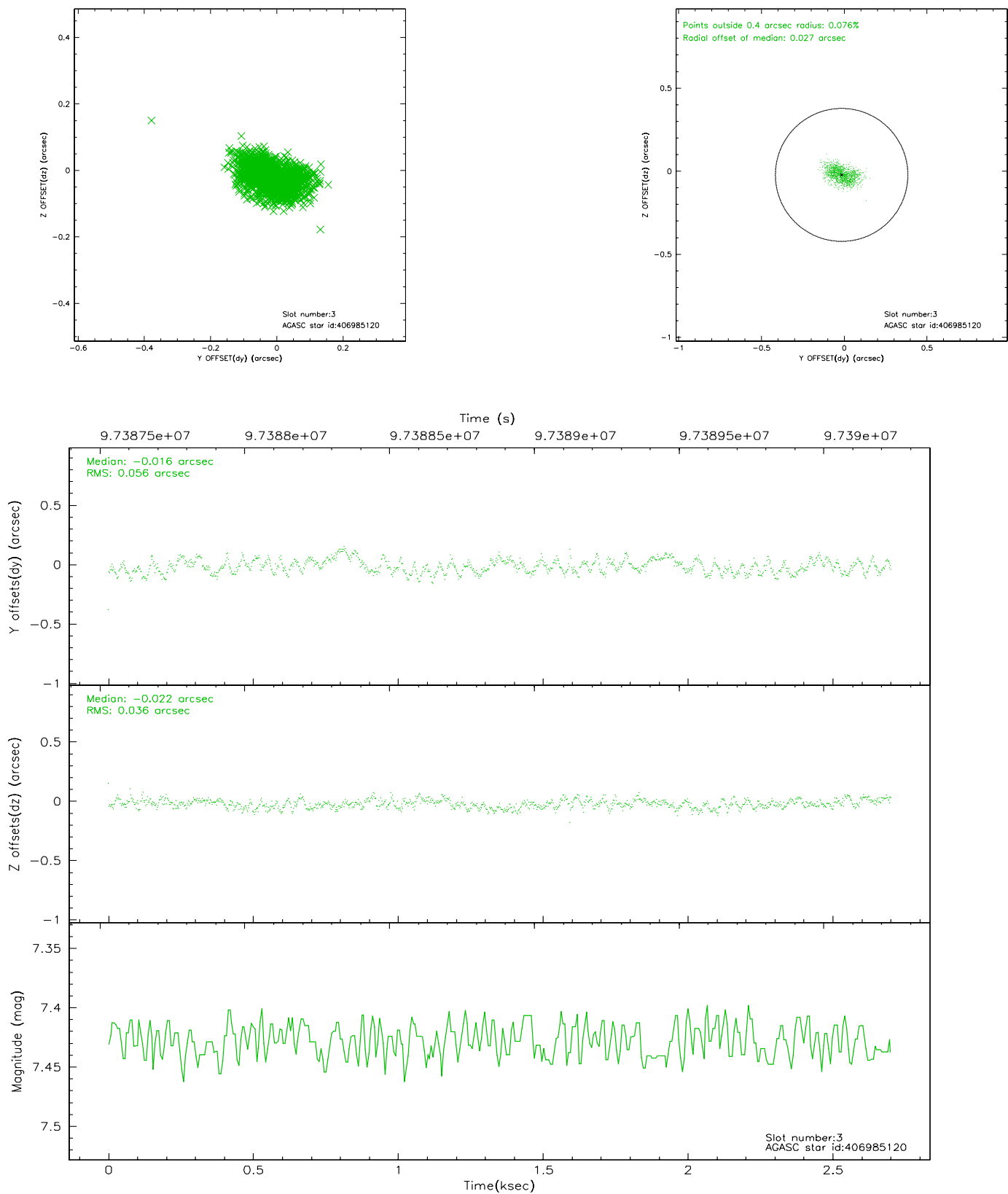


Slot Statistics

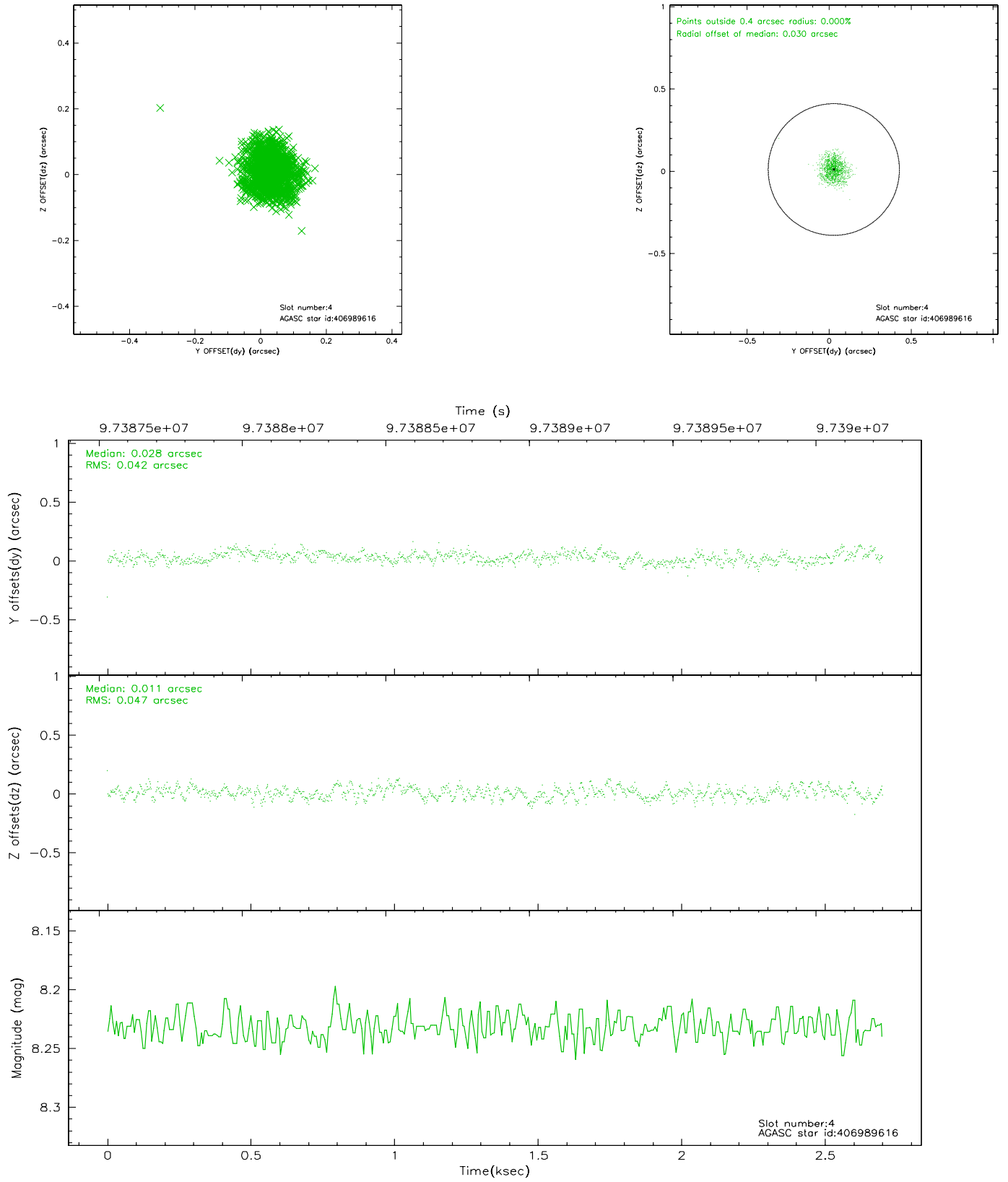
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.97	659	0.103	-0.089	0.007	0.010	0.000000	0.000000	-1156.86	-455.52
1	FID	HRC-S-3	7.00	660	0.153	-0.119	0.008	0.013	0.000000	0.000000	-1161.32	573.29
2	FID	HRC-S-4	6.93	660	0.131	-0.089	0.005	0.010	0.000000	0.000000	1239.63	577.51
3	GUIDE	406985120	7.43	1319	-0.016	-0.022	0.071	0.111	278.839732	38.894839	-1161.35	1052.53
4	GUIDE	406989616	8.23	1319	0.028	0.011	0.068	0.106	279.202881	38.520843	-1184.63	-635.75
5	GUIDE	407521232	8.64	1319	-0.009	-0.043	0.061	0.099	279.628883	39.431715	1762.81	1230.17
6	GUIDE	406983600	8.92	1319	-0.021	0.043	0.069	0.112	279.940957	39.020708	1556.74	-472.43
7	GUIDE	406985256	8.56	1318	0.013	0.015	0.060	0.101	278.693335	38.842203	-1600.02	1156.08

2.4 Star Slots

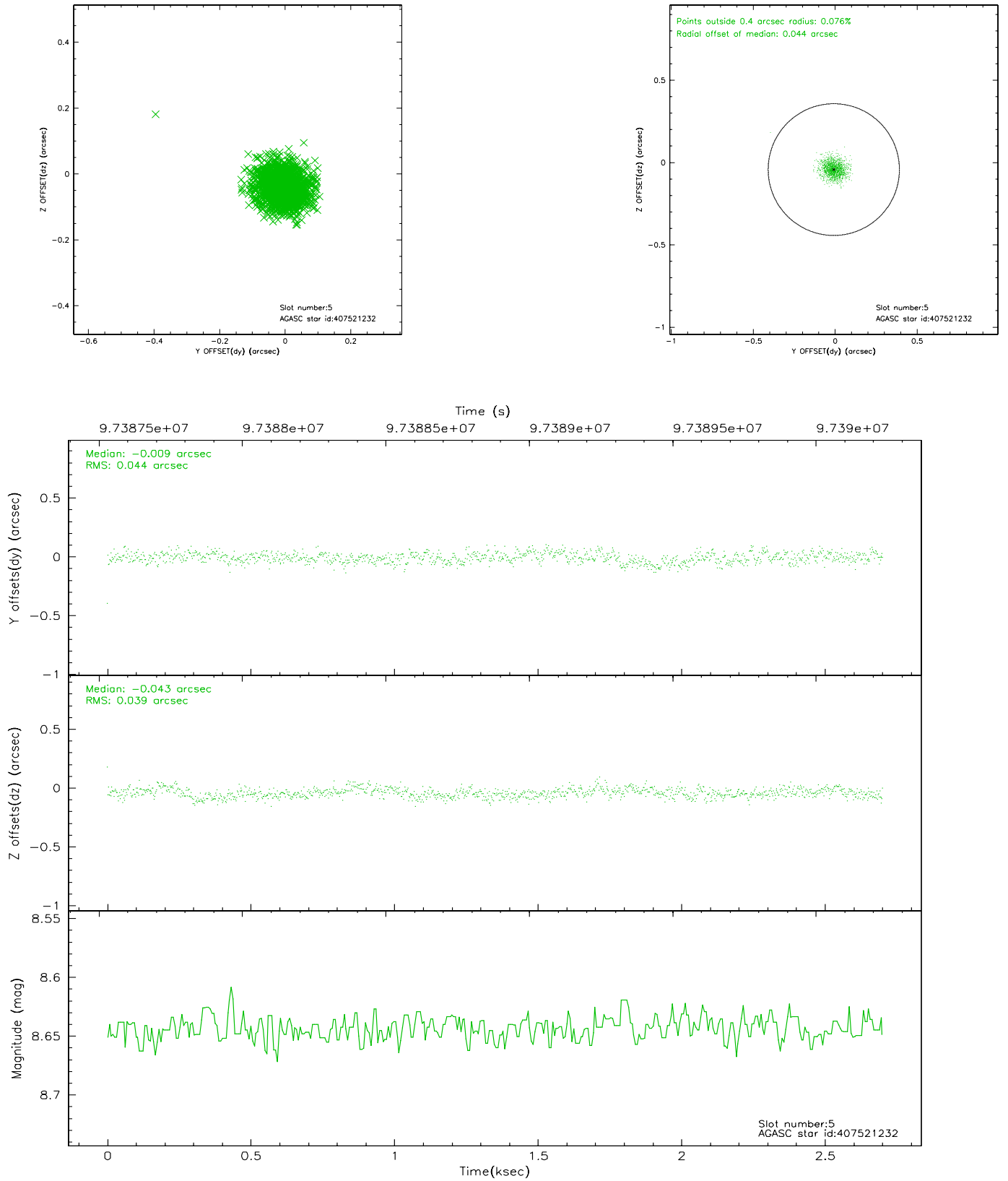
2.4.1 Slot 3



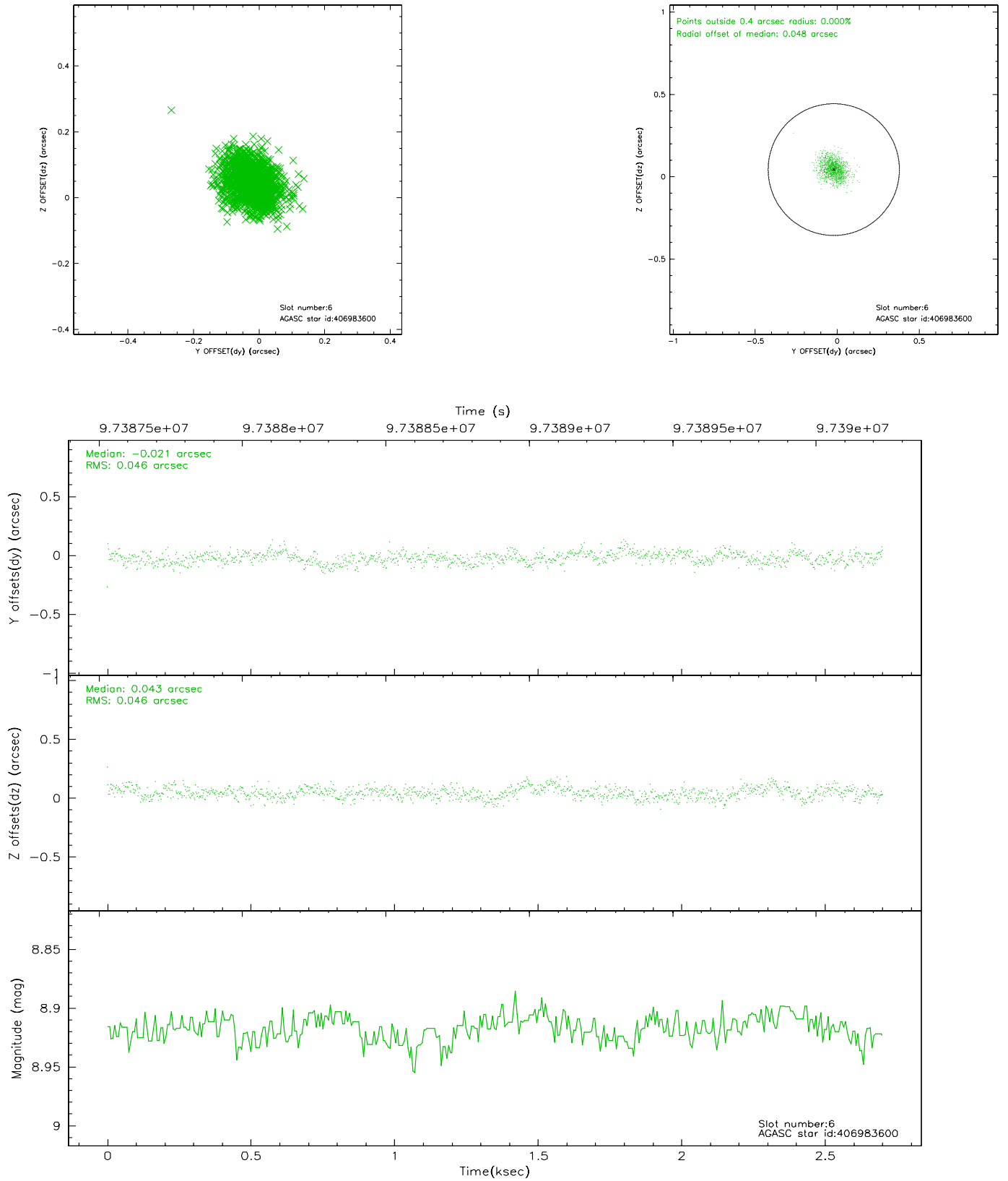
2.4.2 Slot 4



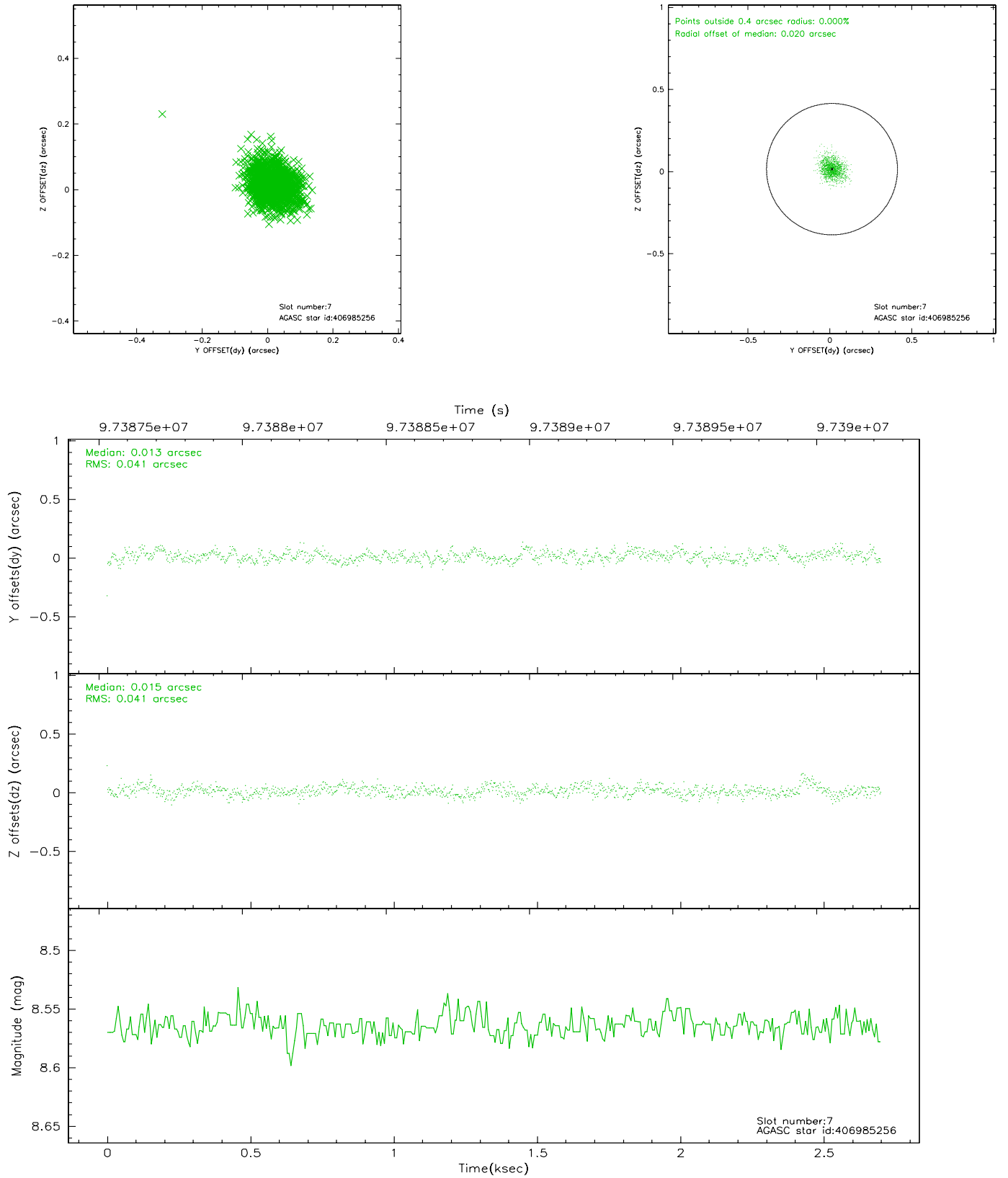
2.4.3 Slot 5



2.4.4 Slot 6

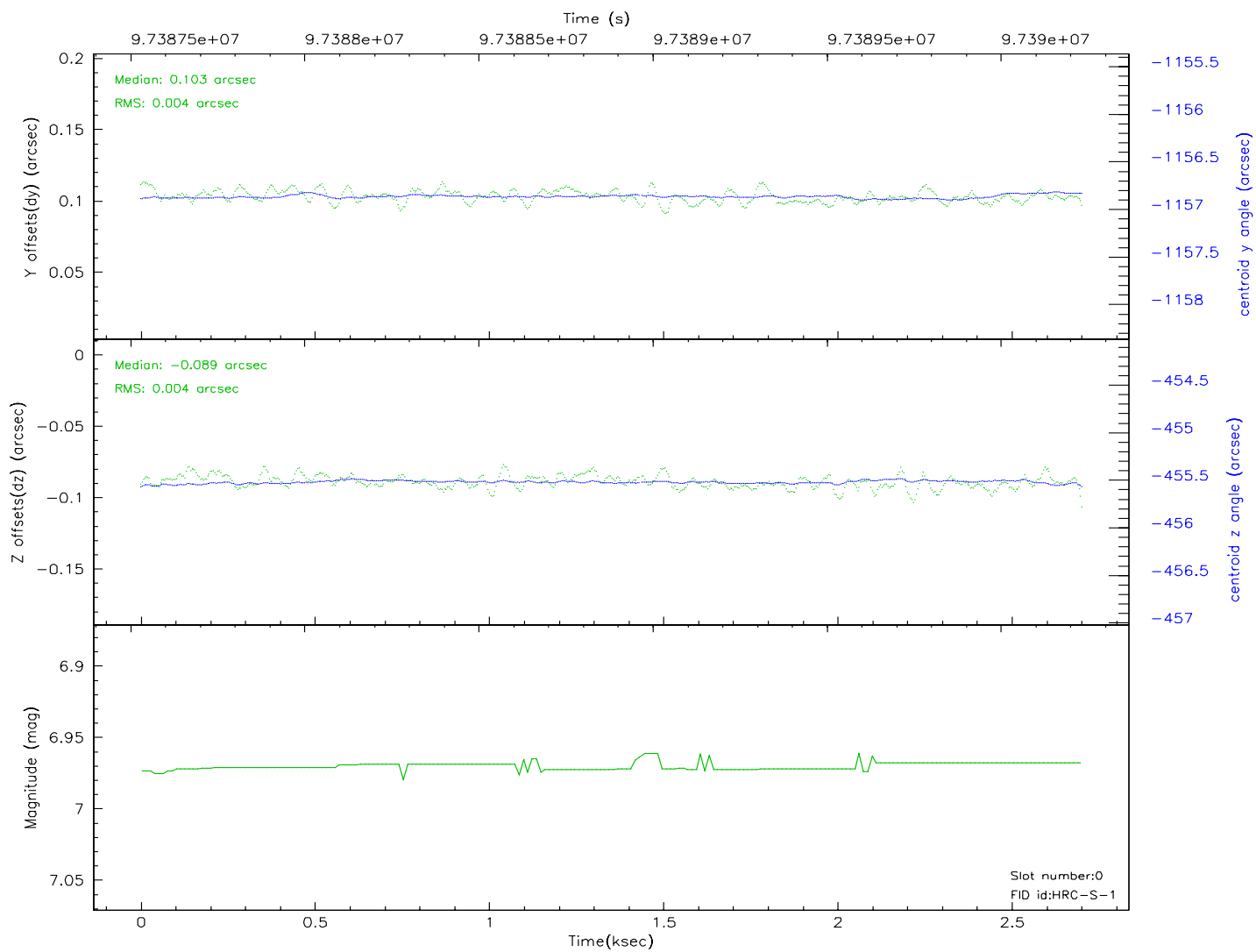
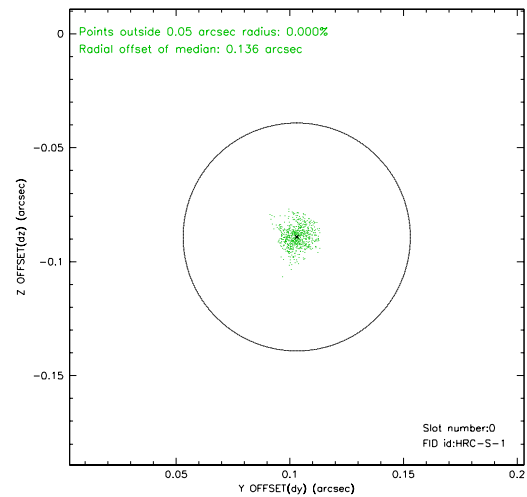
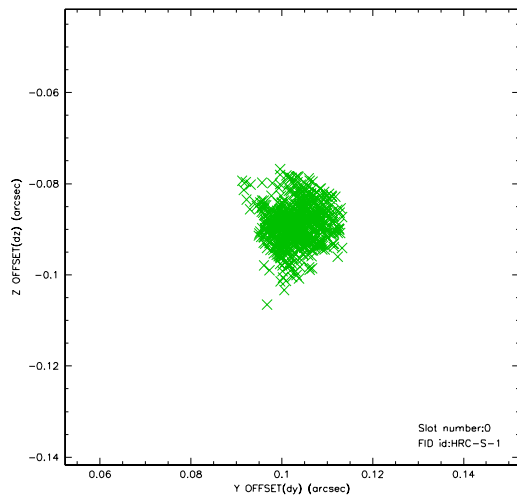


2.4.5 Slot 7

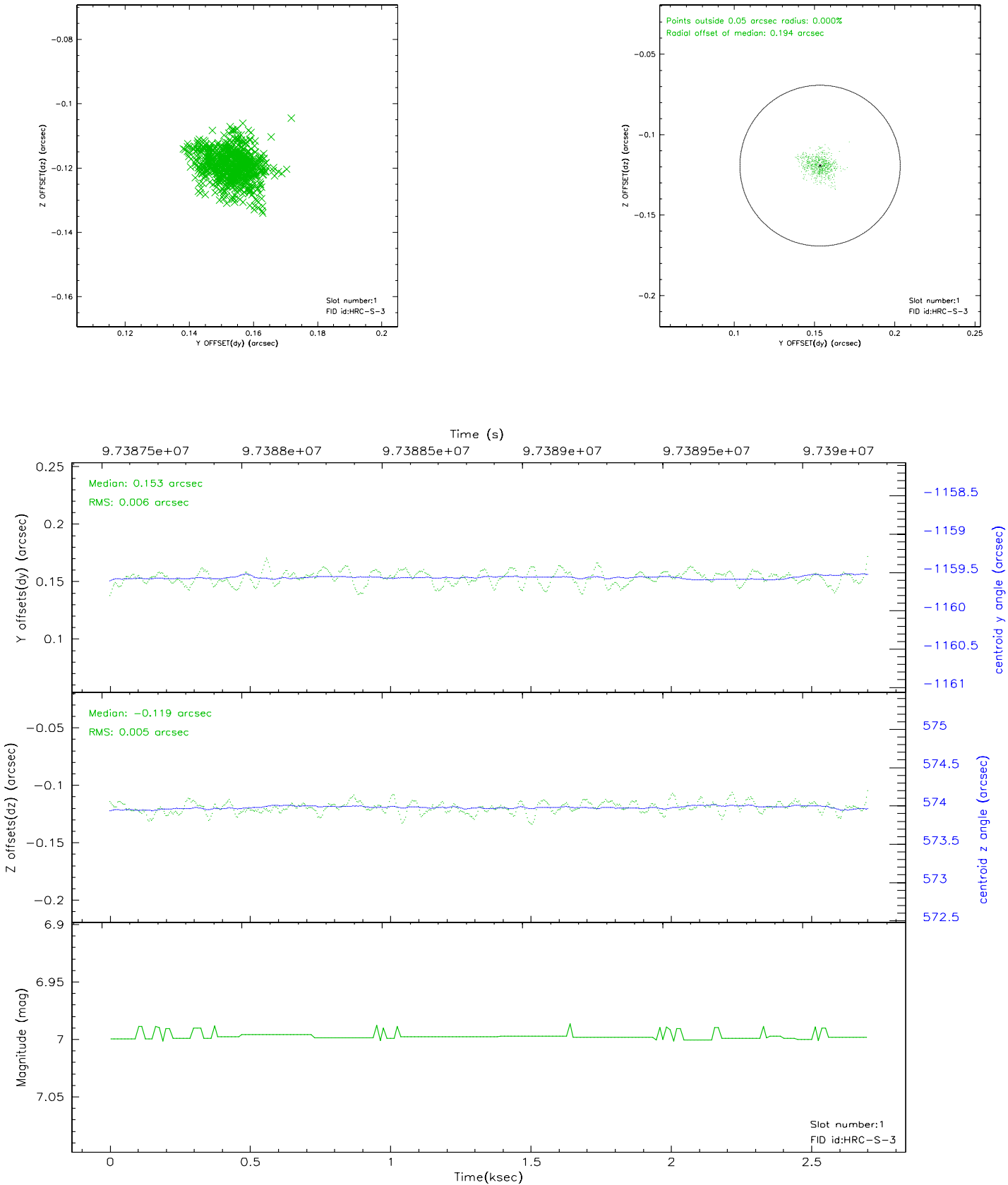


2.5 FID Slots

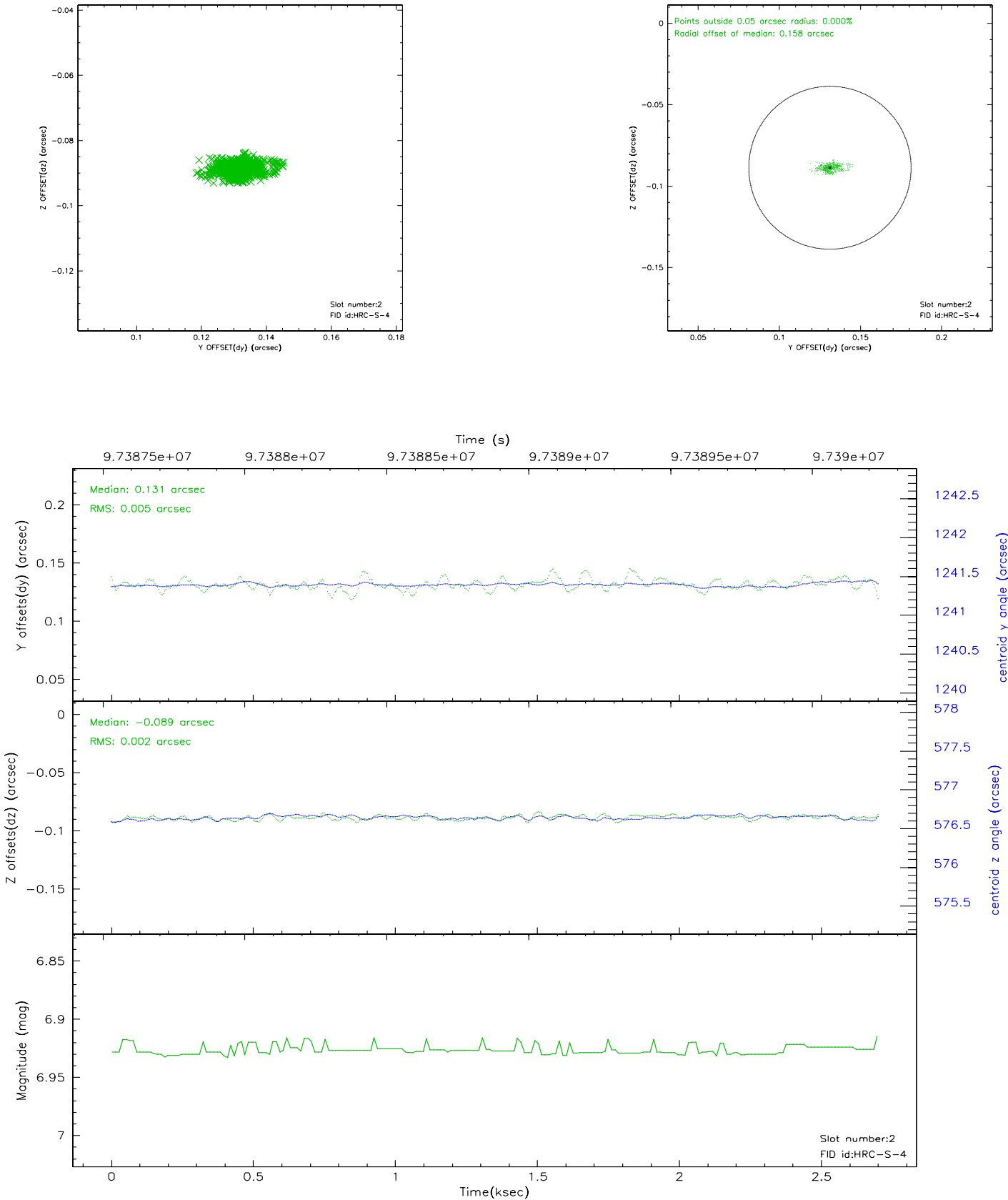
2.5.1 Slot 0



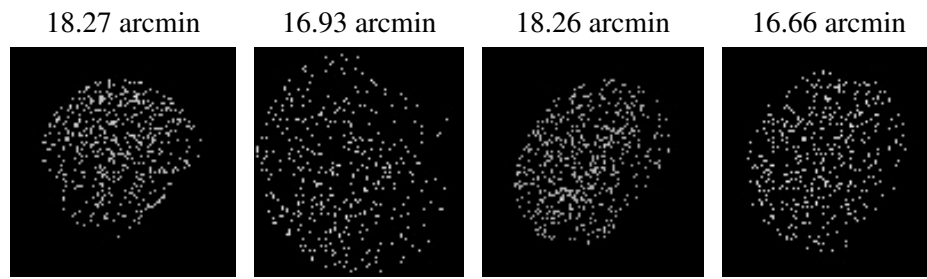
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.11.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.701

A.2 Comments

Window constraint met.

The source is off-axis and therefore extended.