

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 2589 - L2 Version 001
Chandra X-Ray Center

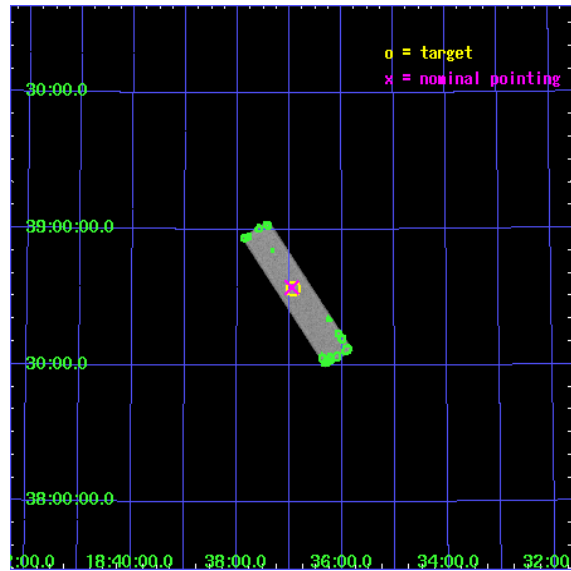
L2 Processing Date : Sep 2 2006

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1 Front

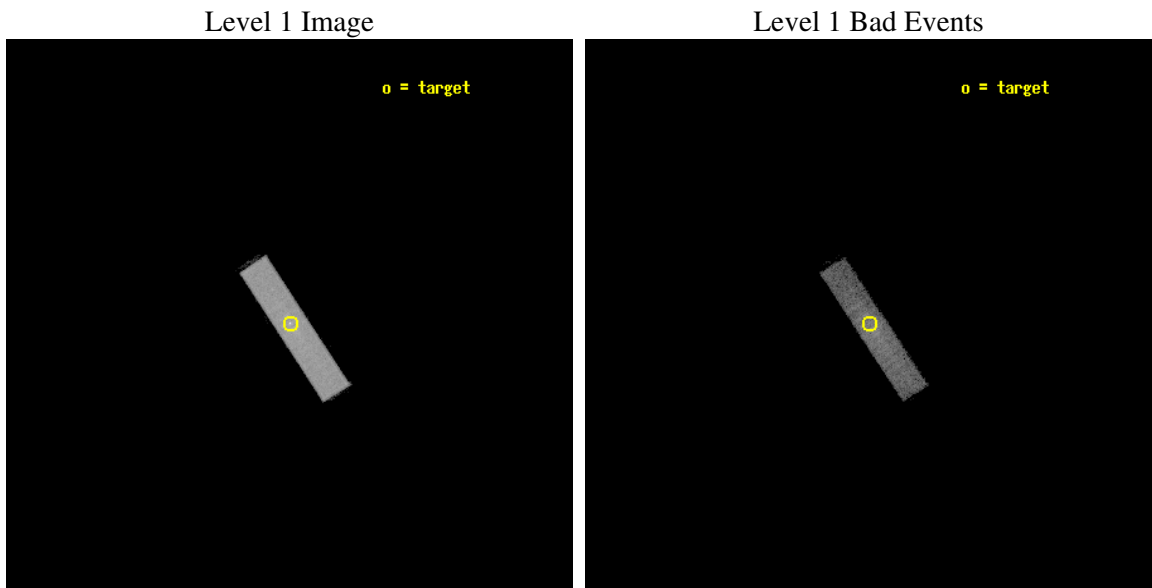
seq_num	290145
obs_id	2589
title	AO3 CALIBRATION OBSERVATIONS OF VEGA
observer	Dr. CXC Calibration
object	VEGA
ra_targ	279.235
dec_targ	38.783778
ra_nom	279.23868473323
dec_nom	38.787662039444
roll_nom	56.651017439046
revision	2
ontime	2820.0313638747
livetime	2805.9635233204
l2events	82931



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	2006-09-02T12:38:29
revision	2

sched_exp_time	3000.000000
ontime	2912.025117591
l1events	121314

2.1.3 Events

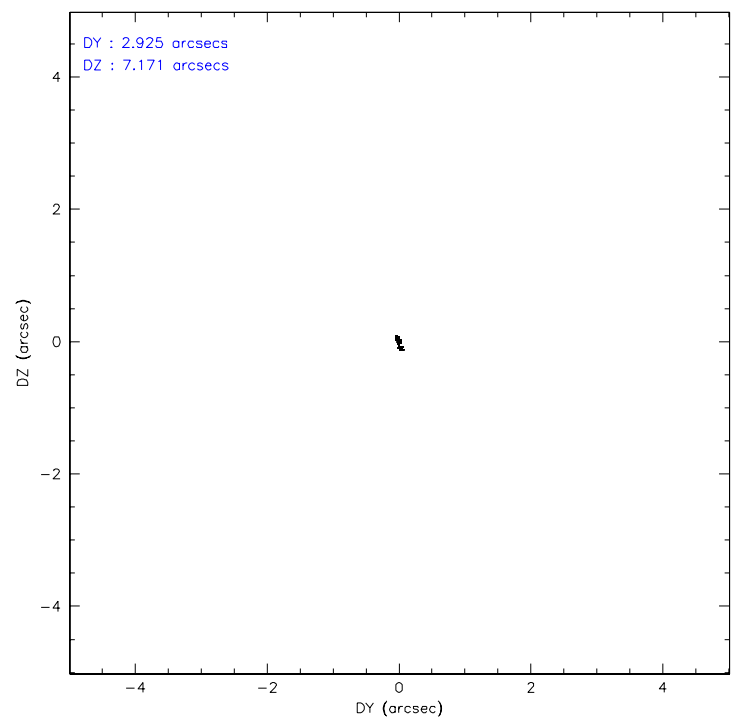
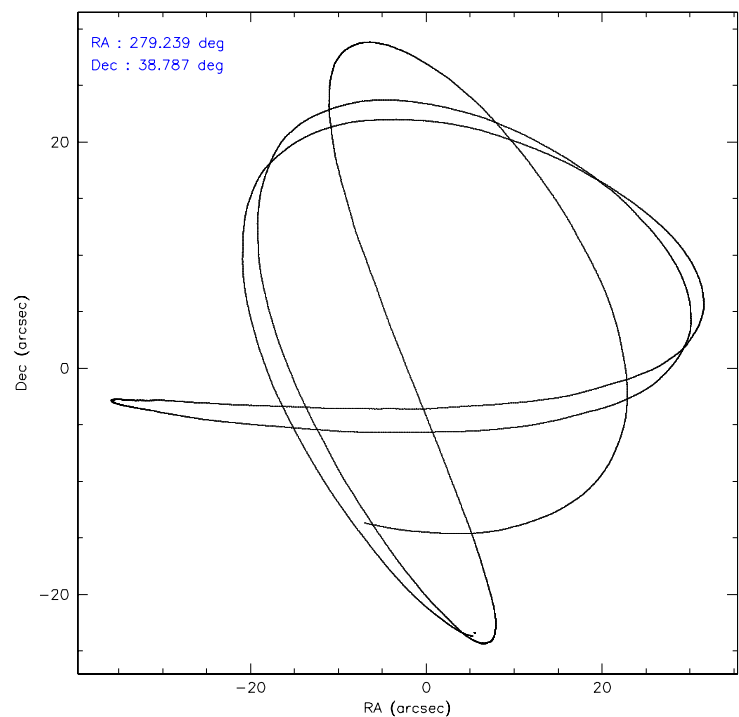
Level 1 Events

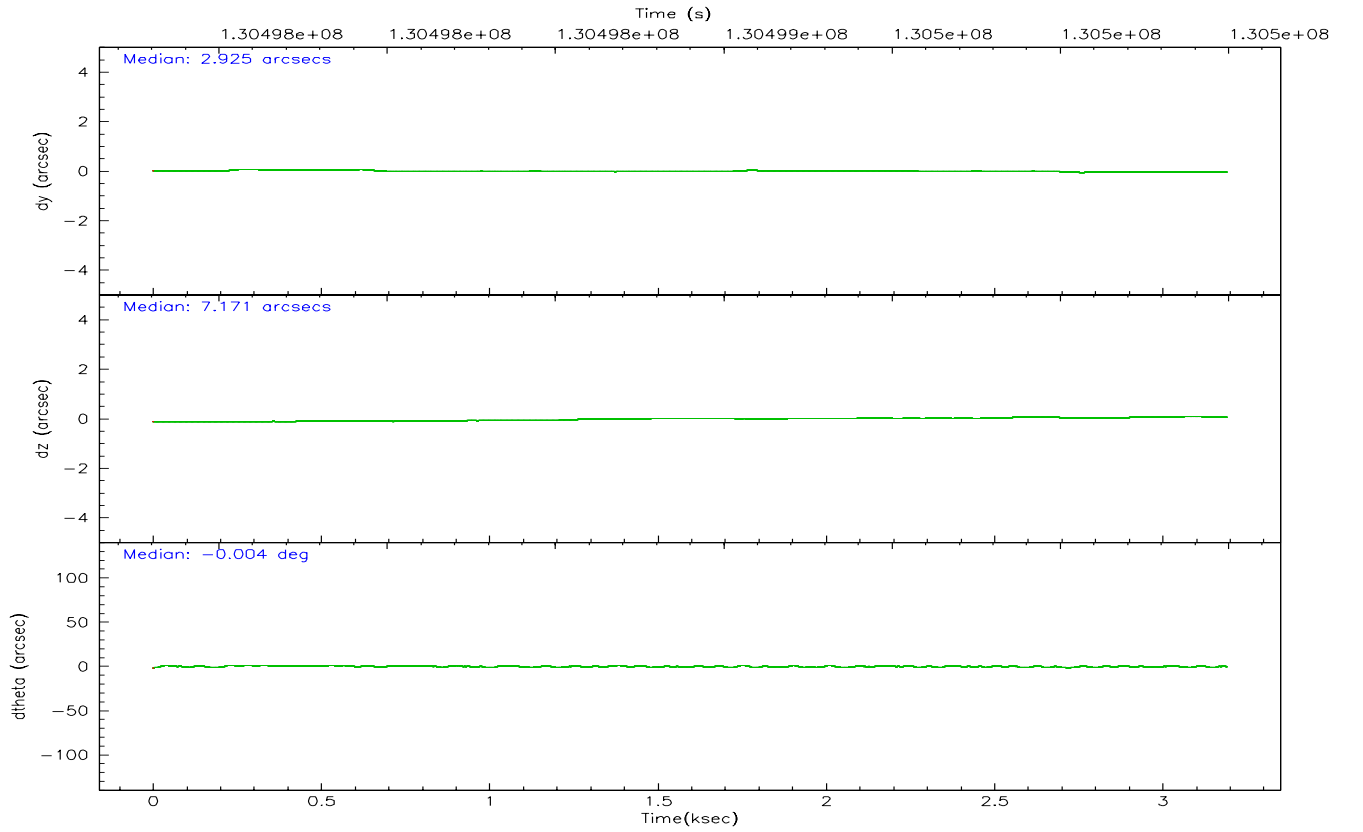
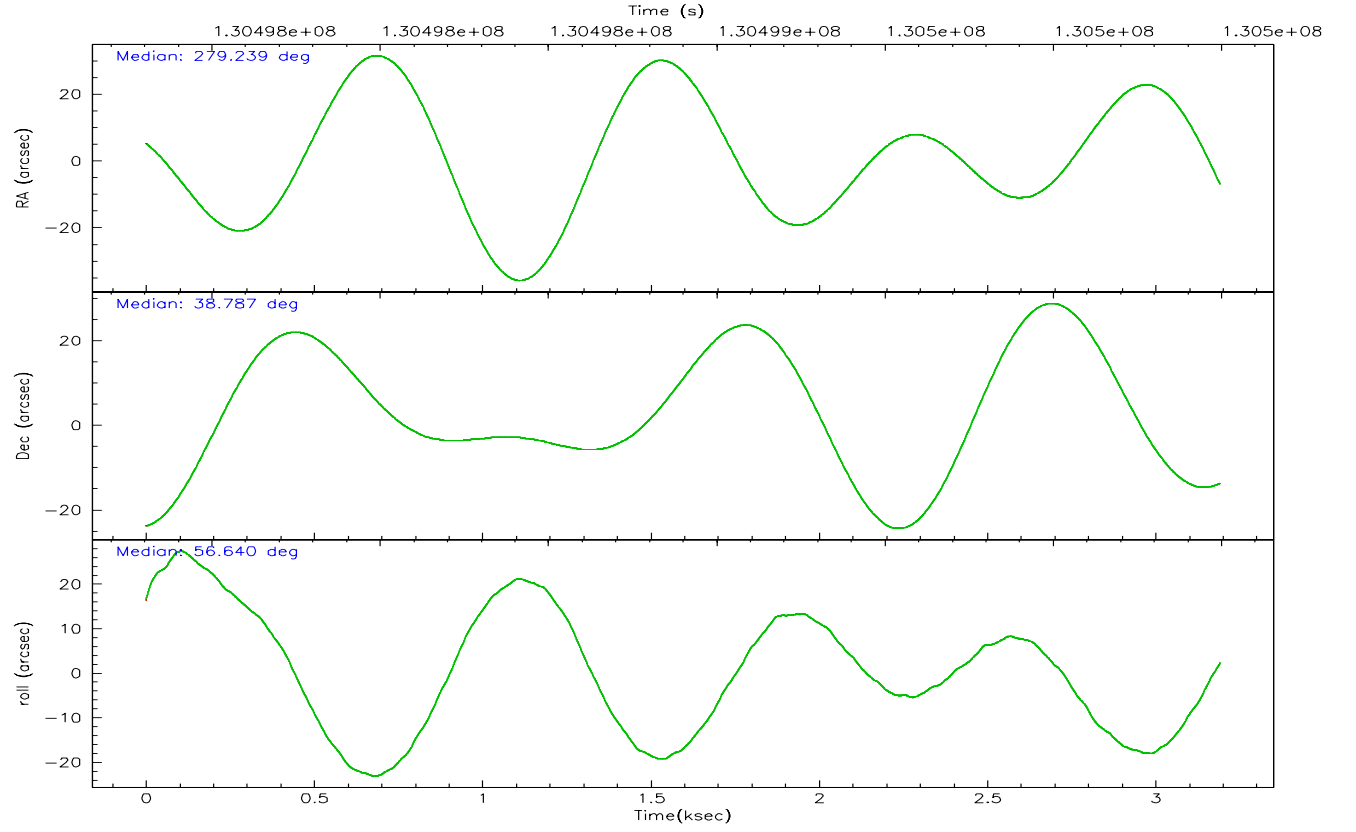
	segment 1	segment 2	segment 3
level 1 events	0	121314	0
rejected events	0	30978	0
rejected %	0%	25%	0%

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	279.238117	279.2386847332307			
Pointing Dec	38.759014	38.78766203944412			
Pointing Roll	56.584041	56.65101743904614			
Window start time	128908864.184000	128908864.184000			
Window stop time	131241664.184000	131241664.184000			
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	130497495.184000	130497039.1837			
Observation start date	2002-02-19T09:17:11	2002-02-19T09:10:39			
Observation end time	130500495.184000	130500629.24634			
Observation end date	2002-02-19T10:07:11	2002-02-19T10:10:29			

2.3 Aspect



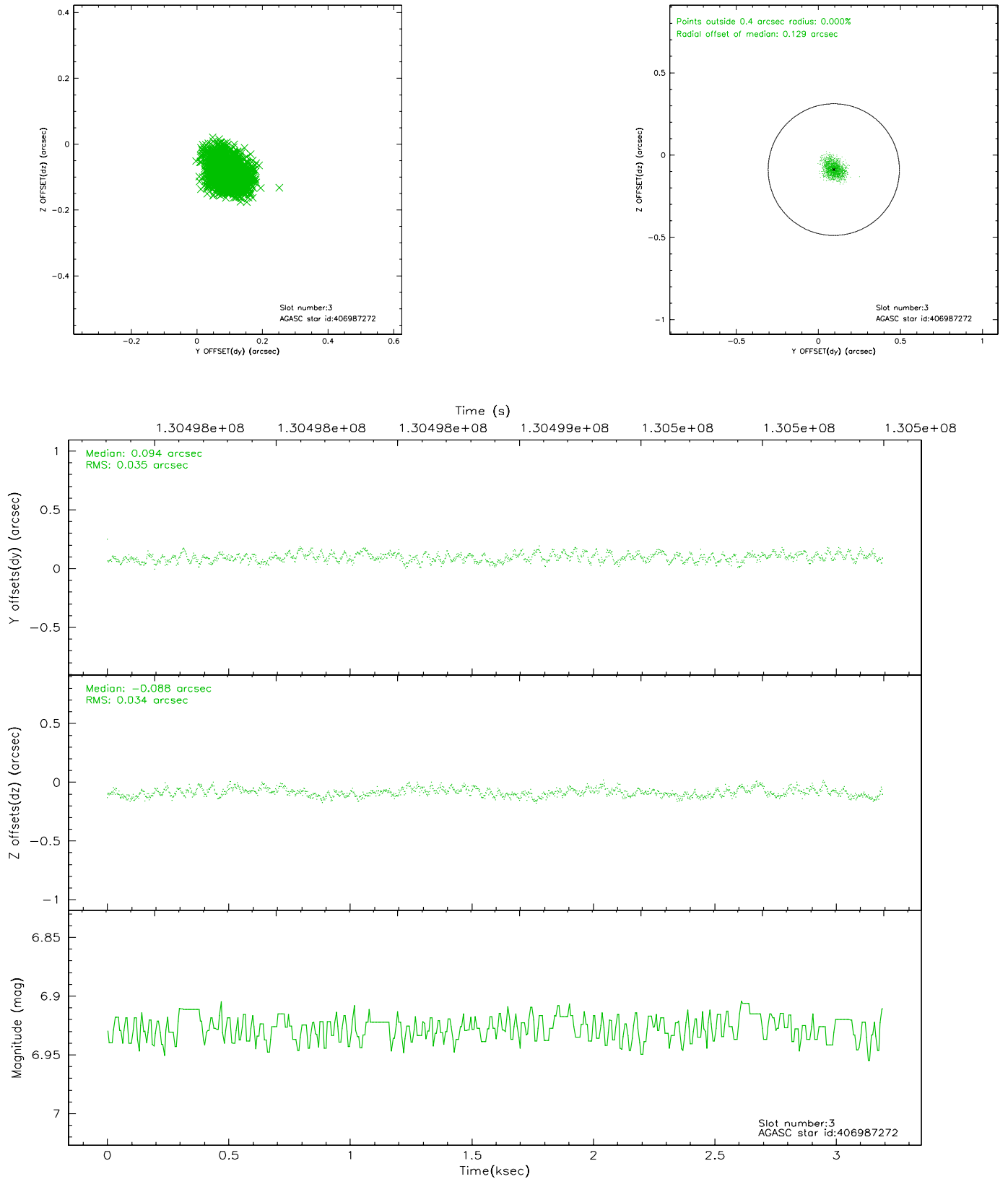


Slot Statistics

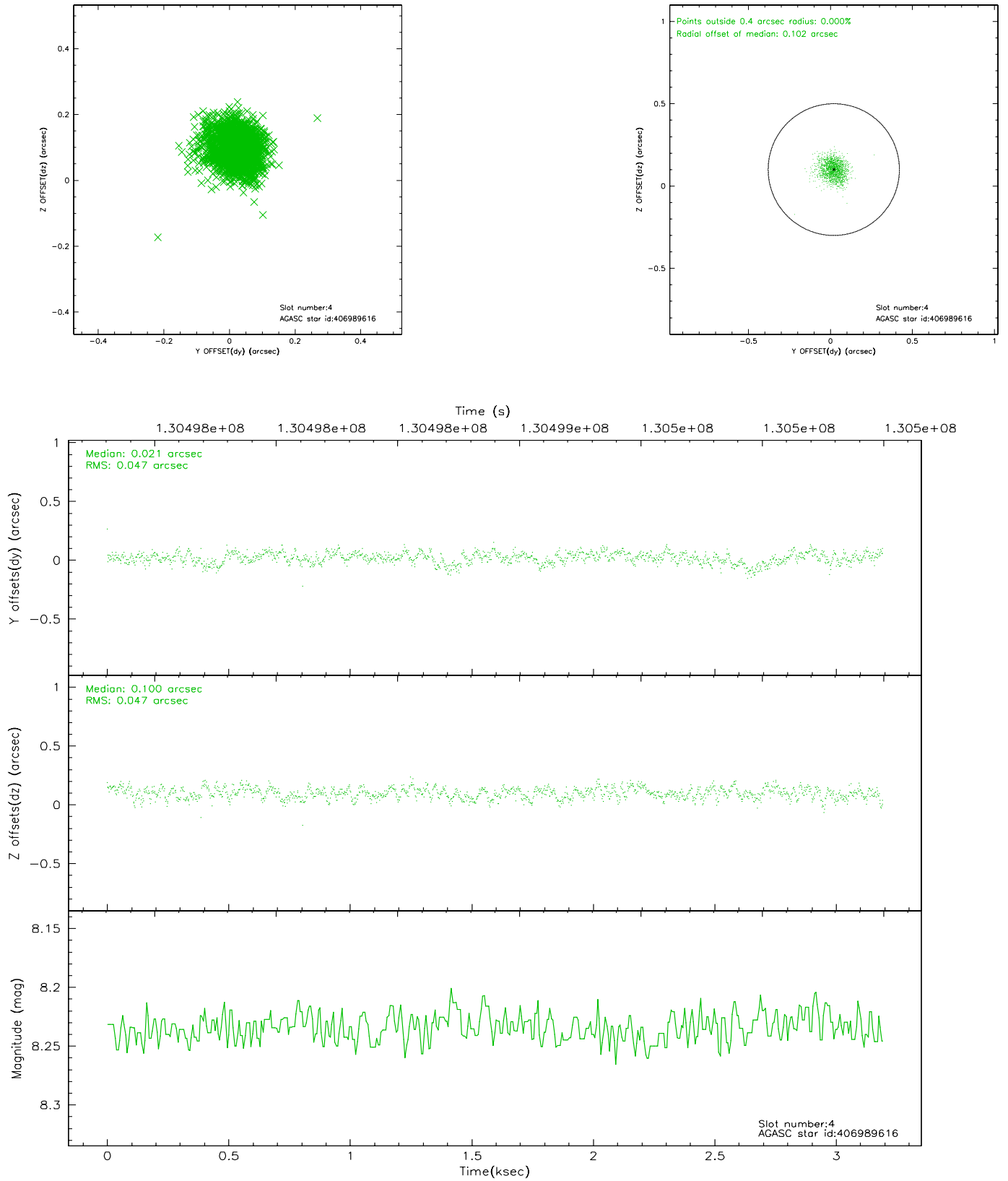
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.95	779	0.143	-0.078	0.006	0.010	0.000000	0.000000	-1156.95	-455.66
1	FID	HRC-S-2	6.96	779	0.091	-0.089	0.004	0.008	0.000000	0.000000	1241.19	-448.89
2	FID	HRC-S-3	6.99	779	0.156	-0.134	0.006	0.010	0.000000	0.000000	-1158.07	573.23
3	GUIDE	406987272	6.93	1558	0.094	-0.088	0.054	0.085	278.536588	38.437504	-2050.02	1018.64
4	GUIDE	406989616	8.23	1558	0.021	0.100	0.071	0.113	279.202881	38.520843	-772.32	-387.70
5	GUIDE	406990192	9.00	1558	0.057	-0.036	0.080	0.128	278.510952	38.533654	-1799.58	1267.36
6	GUIDE	406983600	8.92	1557	-0.155	0.092	0.083	0.130	279.940957	39.020708	1873.34	-1115.84
7	GUIDE	406980288	9.30	1551	-0.015	-0.070	0.088	0.148	278.903147	39.061646	395.90	1382.75

2.4 Star Slots

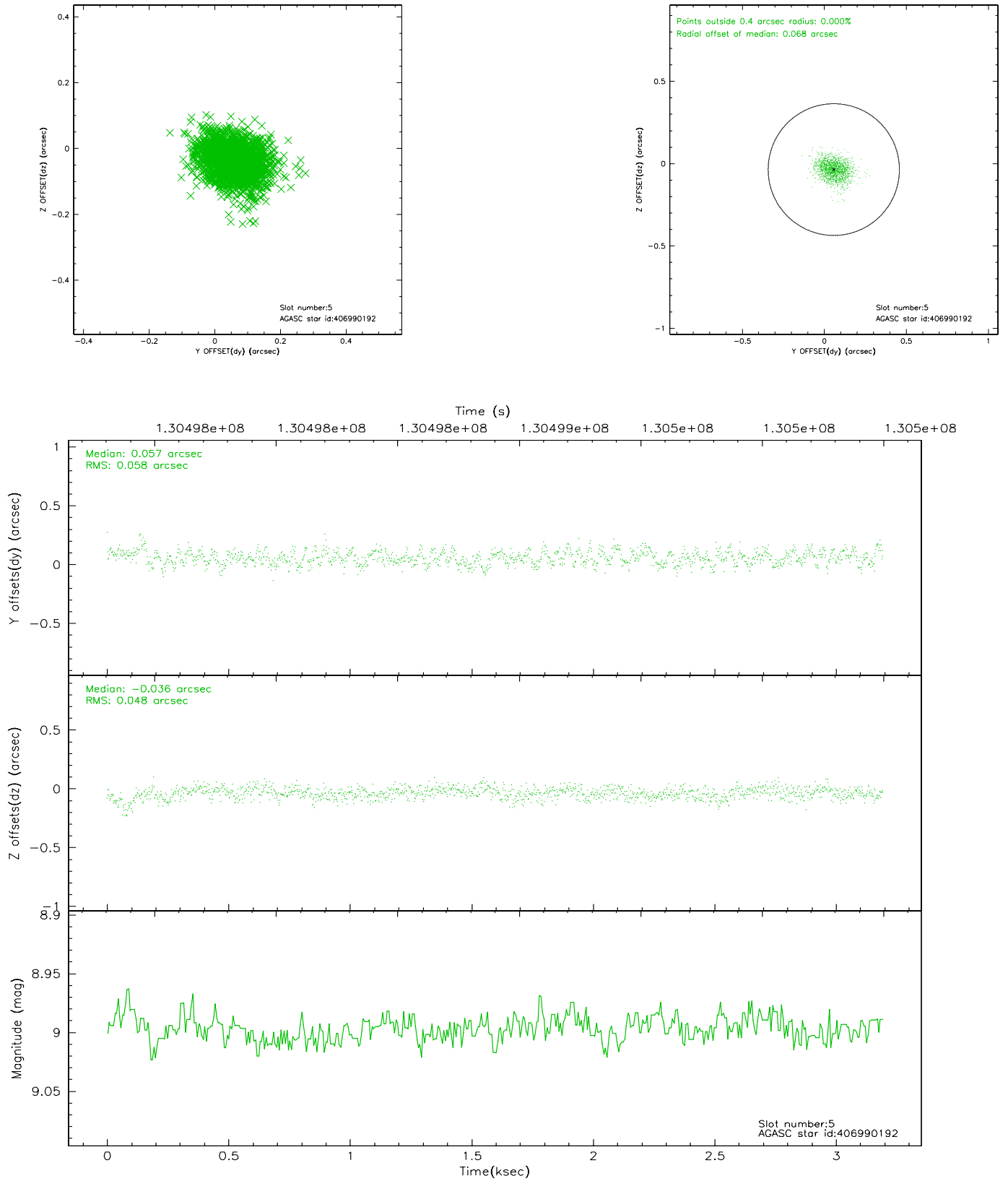
2.4.1 Slot 3



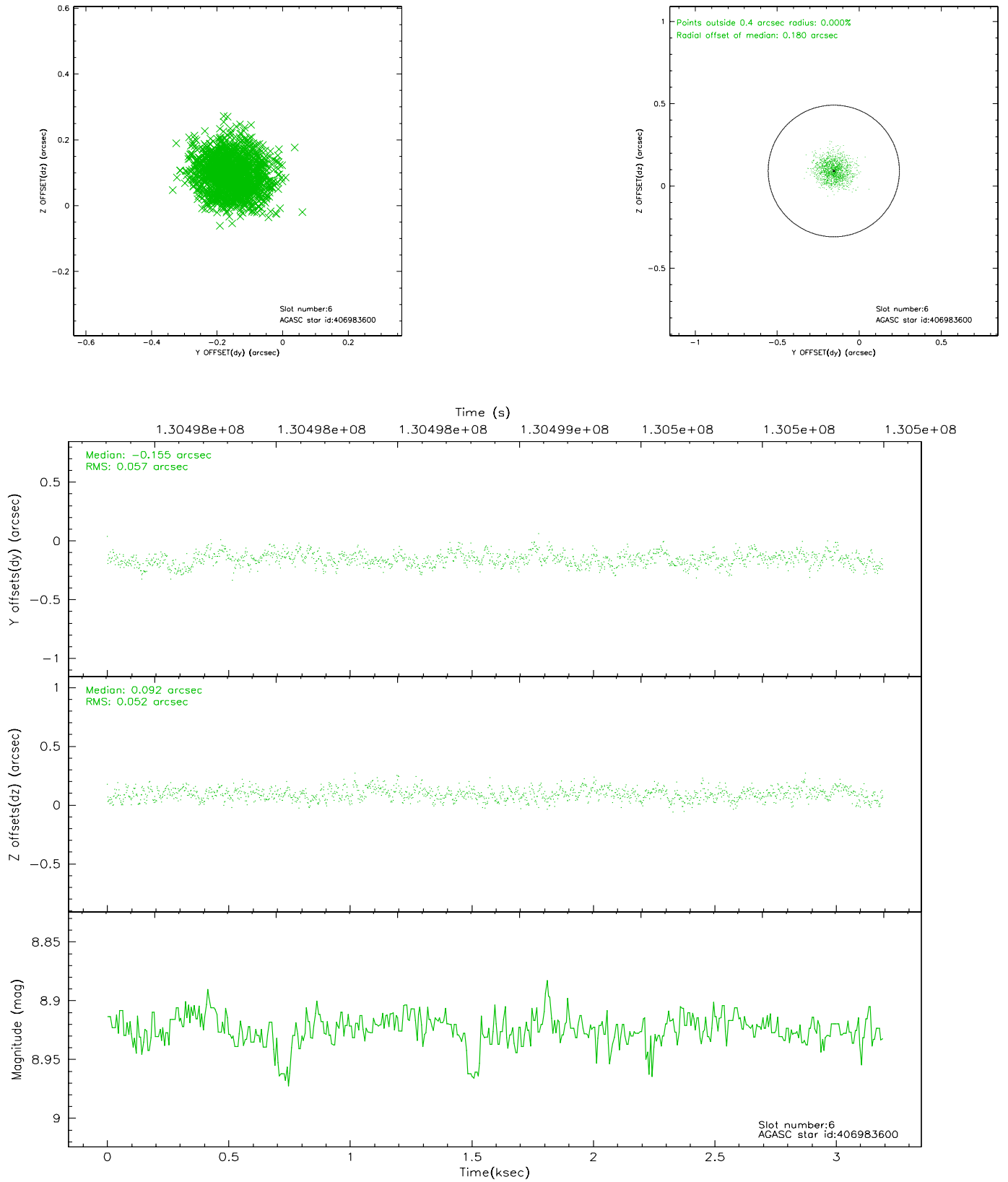
2.4.2 Slot 4



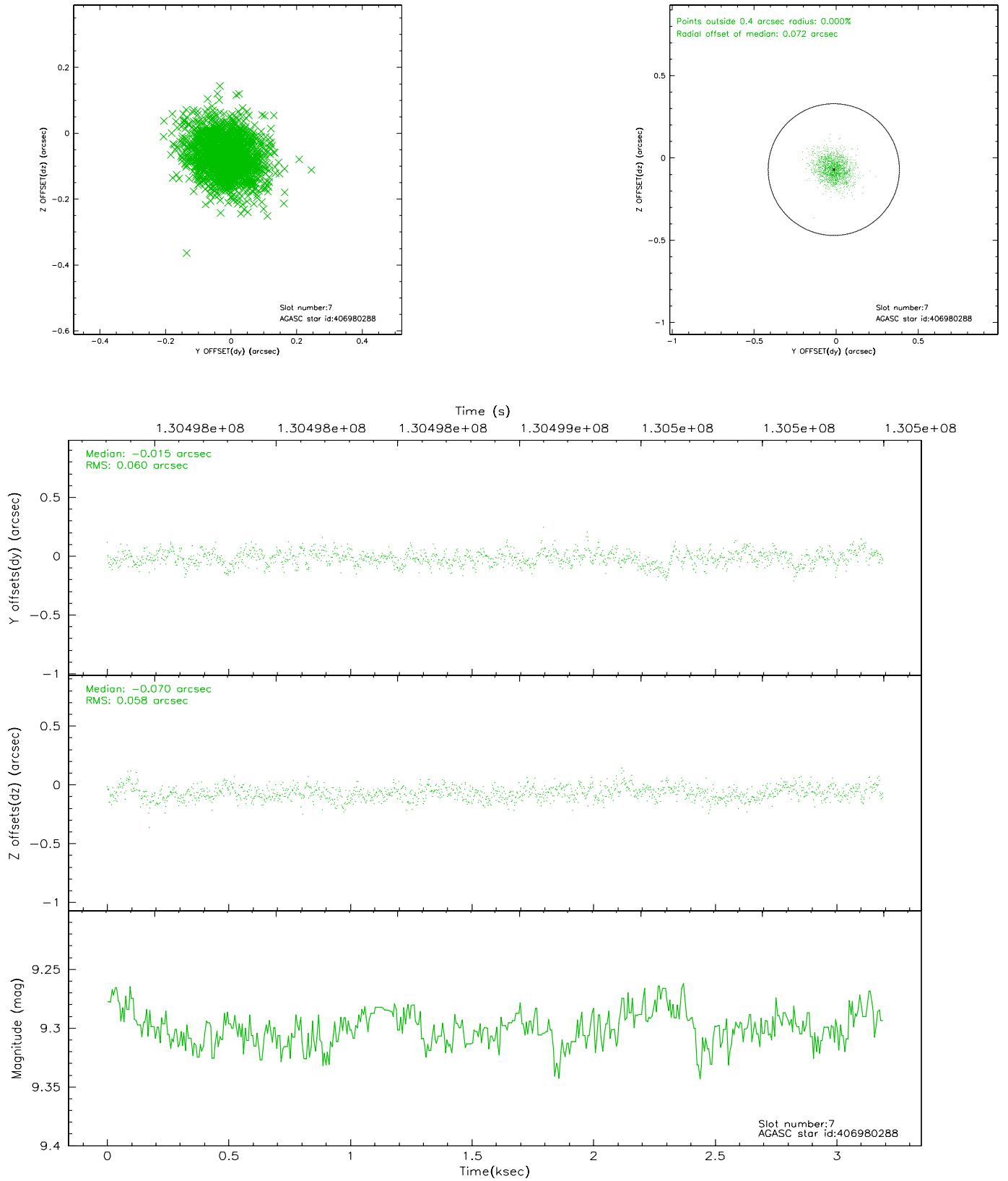
2.4.3 Slot 5



2.4.4 Slot 6

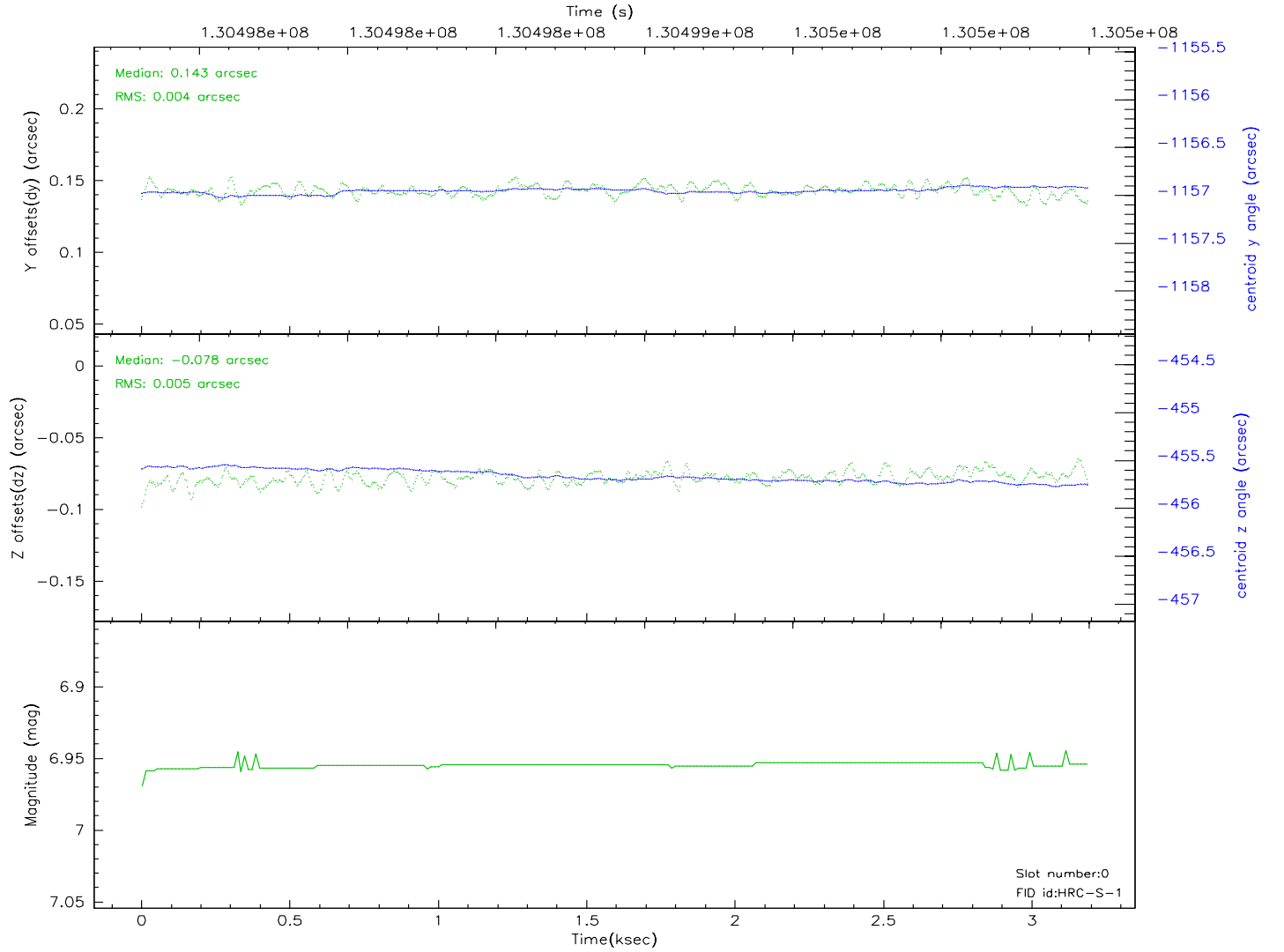
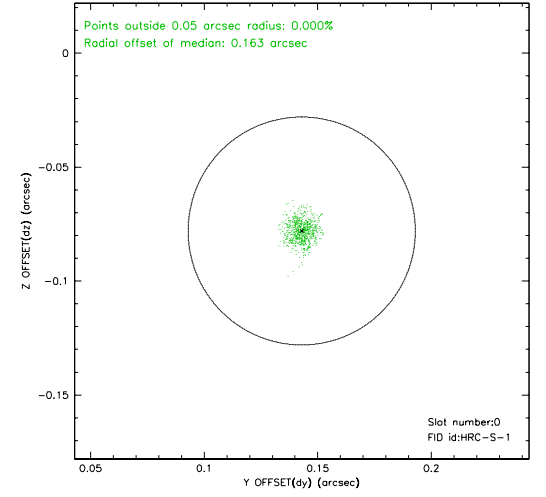
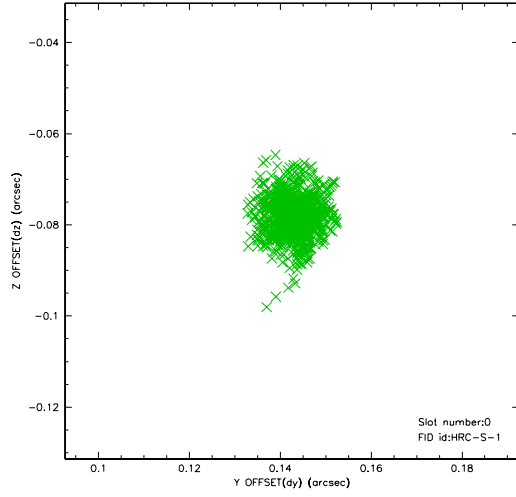


2.4.5 Slot 7

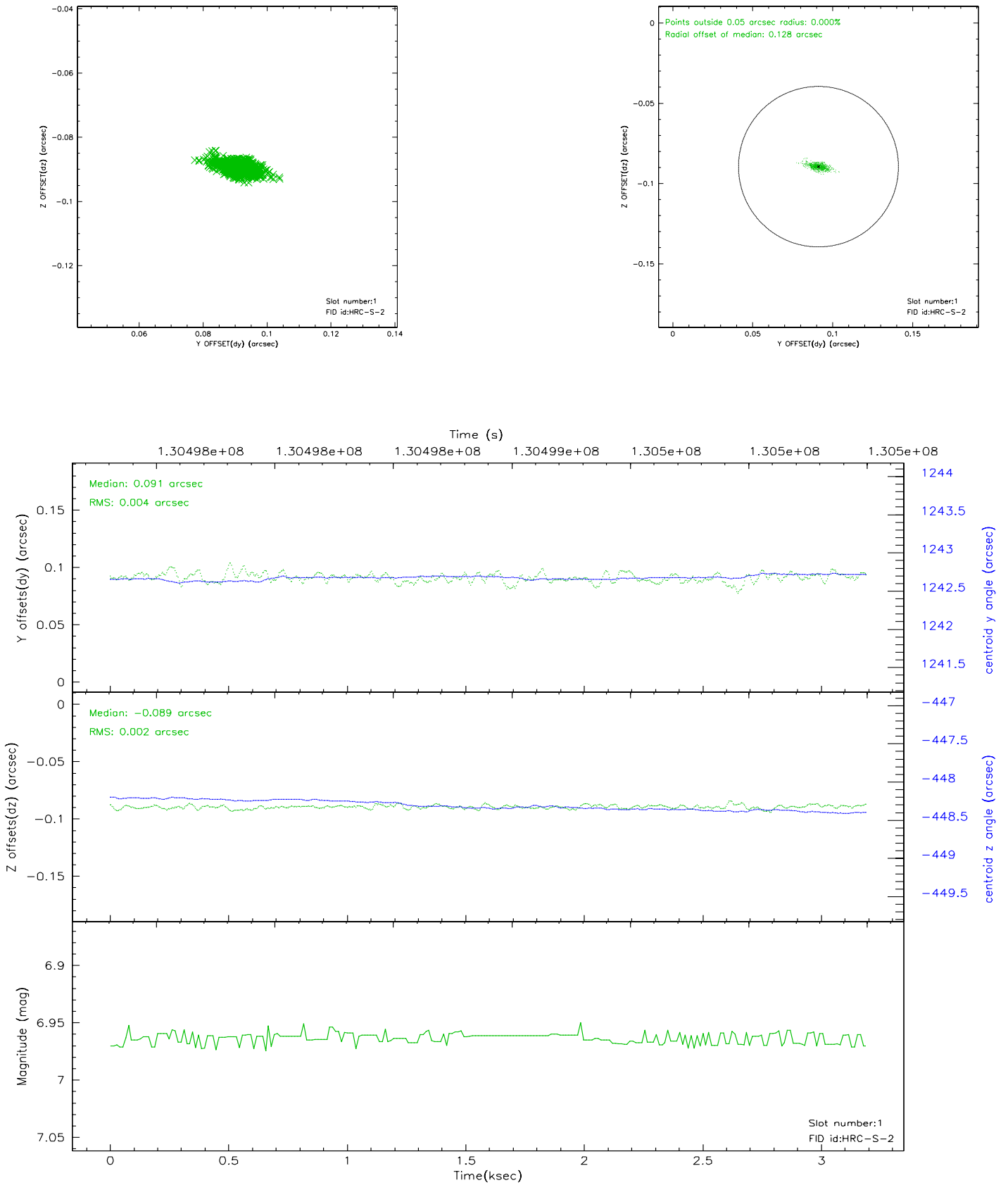


2.5 FID Slots

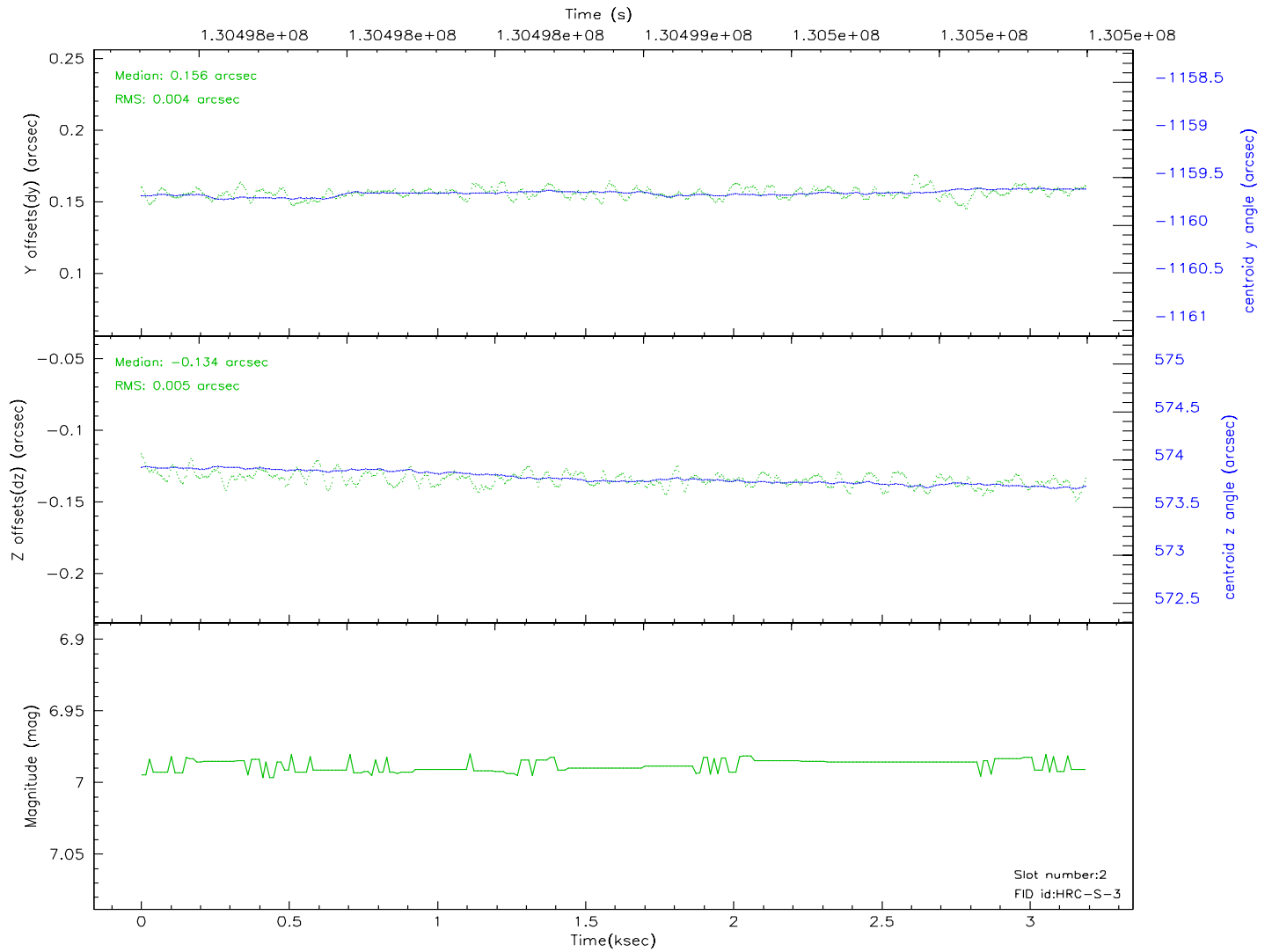
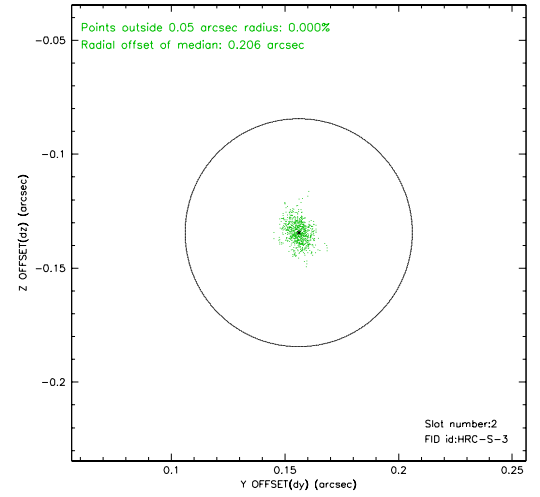
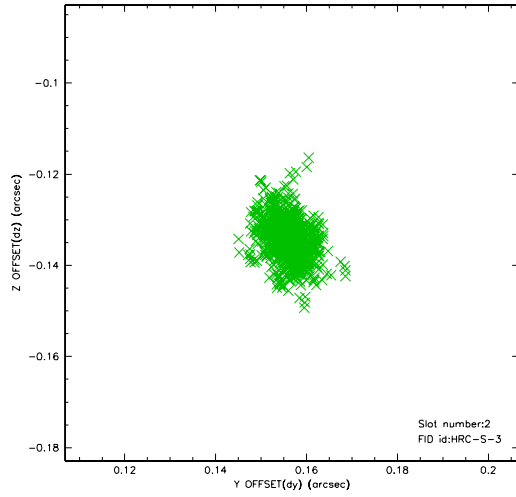
2.5.1 Slot 0



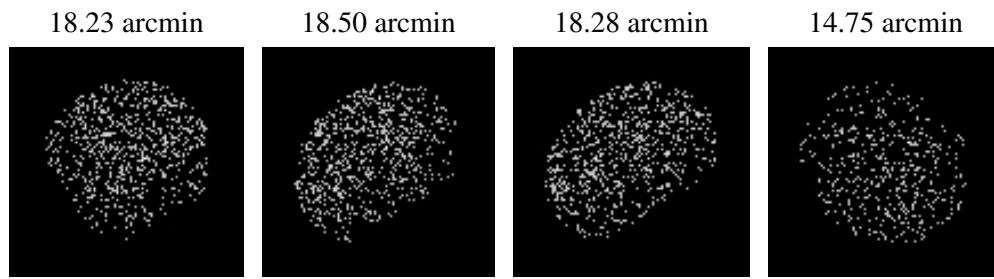
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.09.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.82

A.2 Comments

Window constraint met.