

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 2554 - L2 Version 3
Chandra X-Ray Center

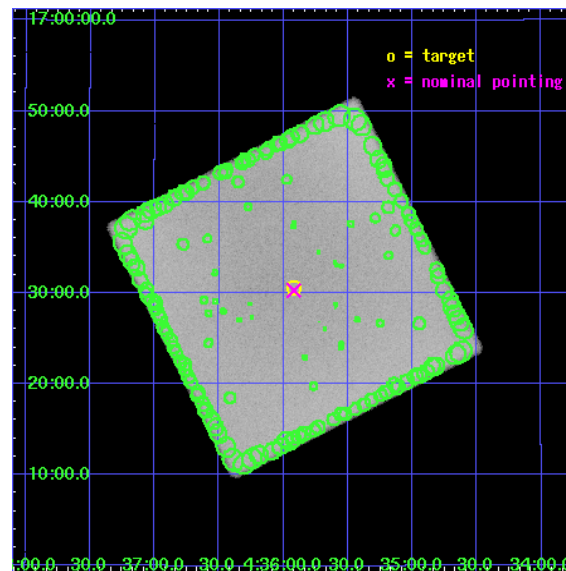
L2 Processing Date : Nov 20 2007

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1 Front

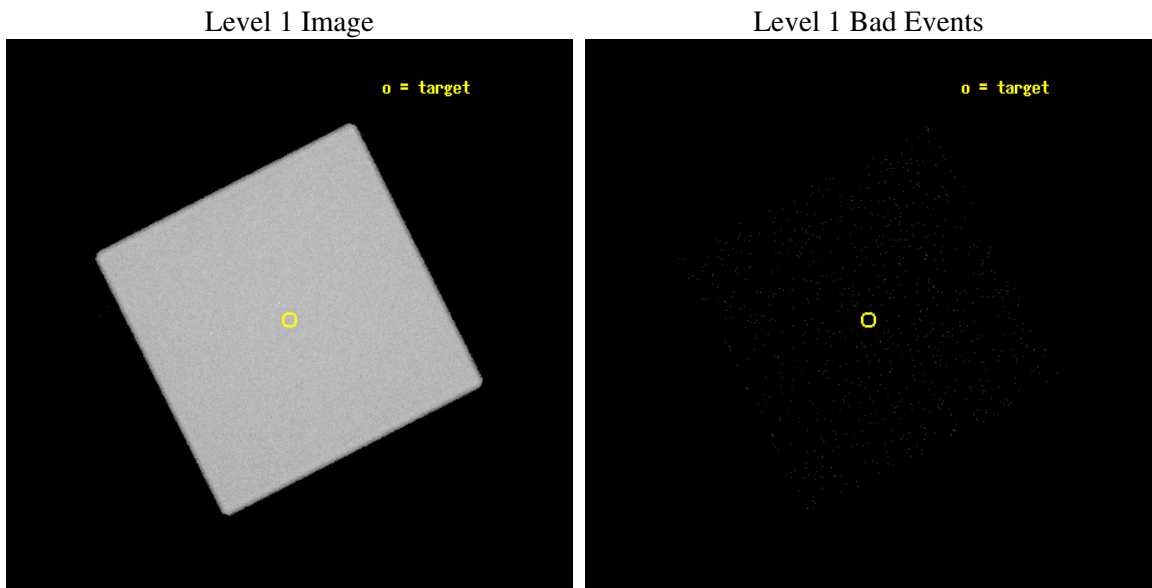
seq_num	200162
obs_id	2554
title	BURIED ALIVE IN THE CORONAL GRAVEYARD?!
observer	Dr. Thomas Ayres
object	ALPHA TAURI
ra_targ	68.98
dec_targ	16.509167
ra_nom	68.979631875915
dec_nom	16.505049056751
roll_nom	288.15511298054
revision	3
ontime	18870.250757486
livetime	18503.597335116
l2events	1747093



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1
ascdsver	7.6.11.2
caldbver	3.4.1
date	2007-11-20T21:02:22
revision	3

sched_exp_time	19000.000000
ontime	18870.250757486
l1events	2735816

2.1.3 Events

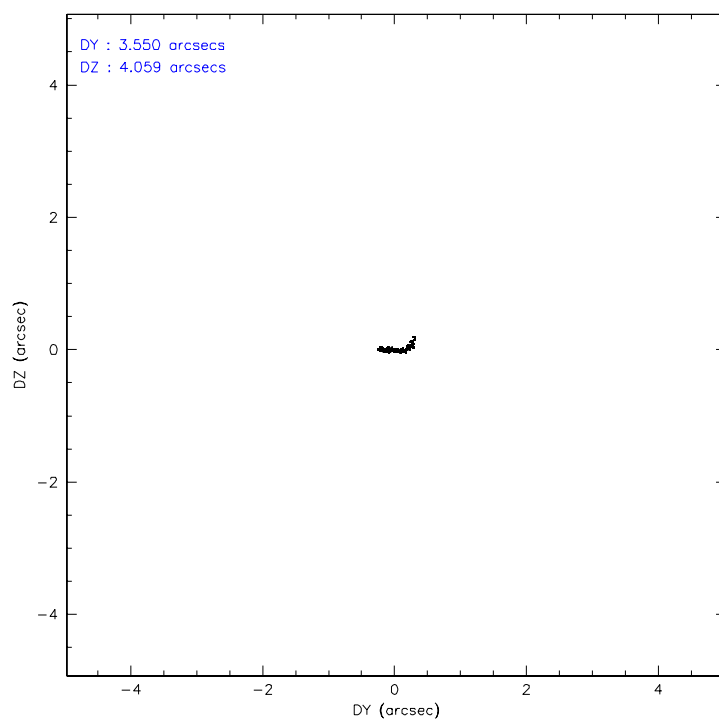
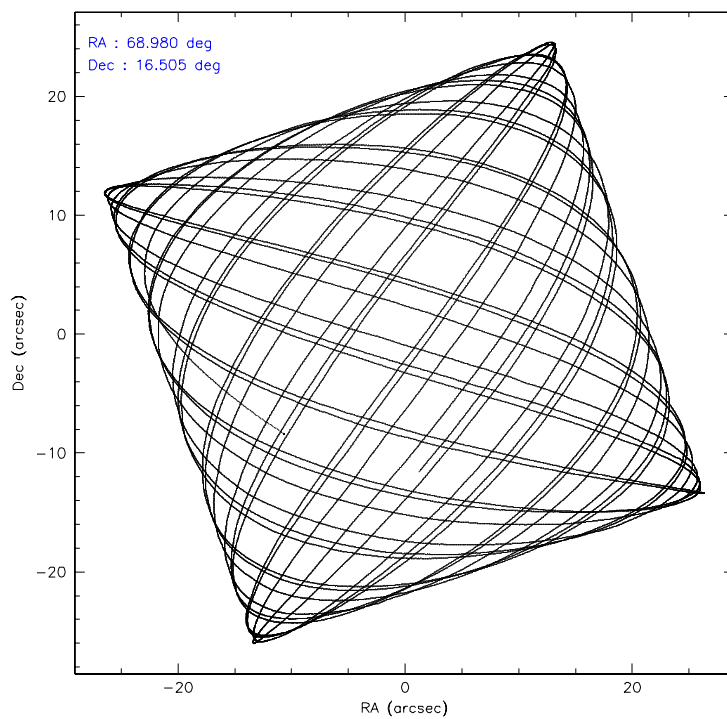
Level 1 Events

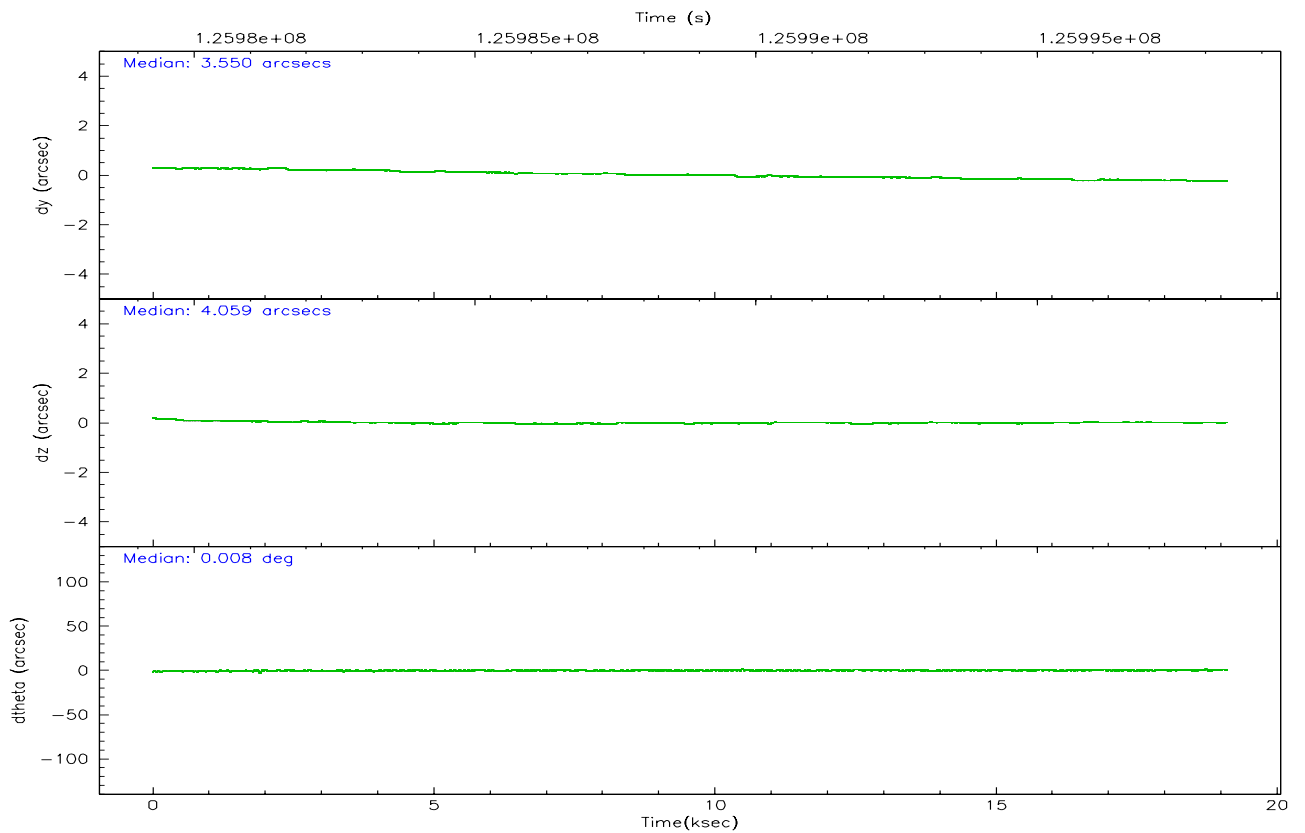
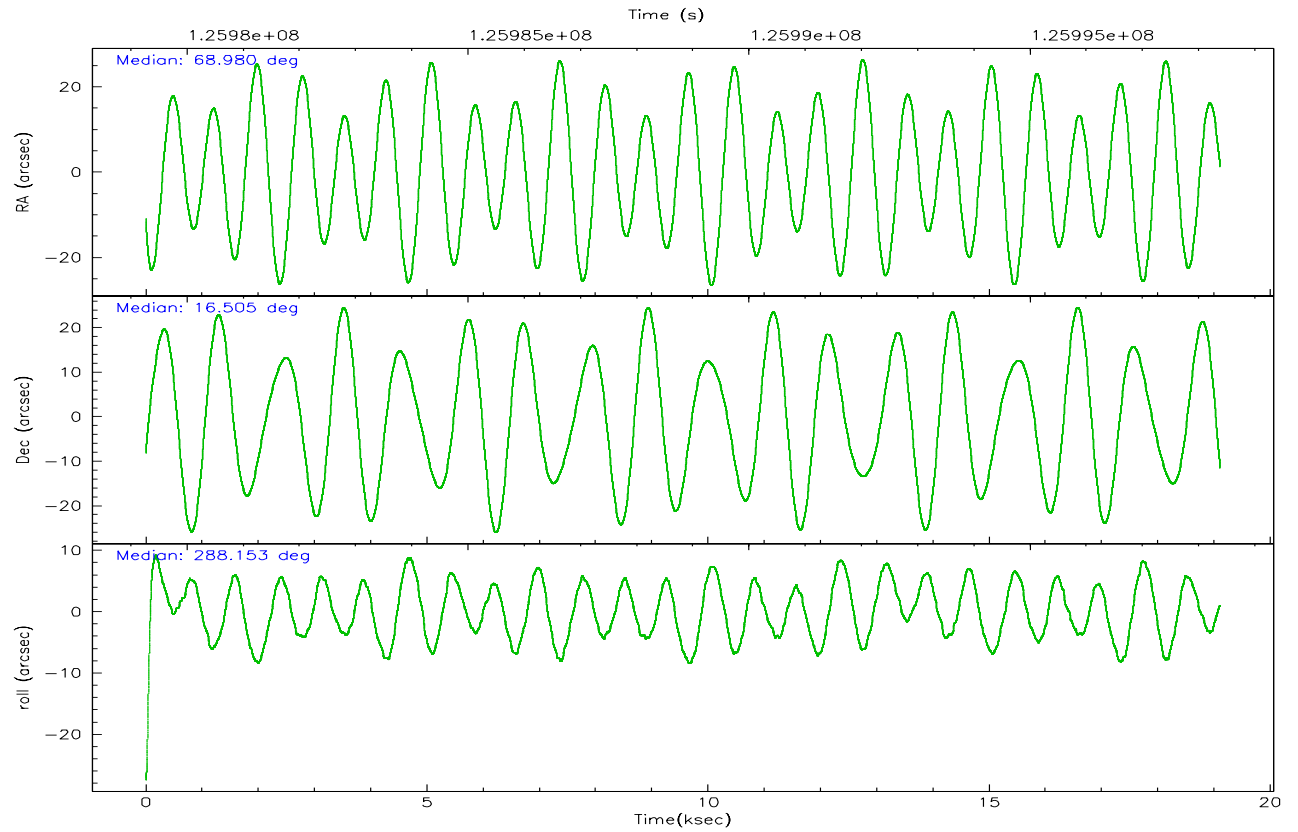
	segment 0
level 1 events	2735816
rejected events	10070
rejected %	0%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	6	6
Detector	HRC-I	HRC-I	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
Pointing RA	68.958167	68.97963187591537			
Pointing Dec	16.522620	16.50504905675072			
Pointing Roll	288.256717	288.1551129805425			
SIM focus pos (mm)	-1.040293	-1.038866356238299			
SIM defocus (mm)	0	0.001426264420575141			
SIM translation stage pos (mm)	126.985494	126.9829799899862			
SIM translation stage offset (mm)	0	0.002508901615314585			
Observation start time	125979385.184000	125978453.08922			
Observation start date	2001-12-29T02:15:21	2001-12-29T02:00:53			
Observation end time	125998385.184000	125998974.61504			
Observation end date	2001-12-29T07:32:01	2001-12-29T07:42:54			

2.3 Aspect



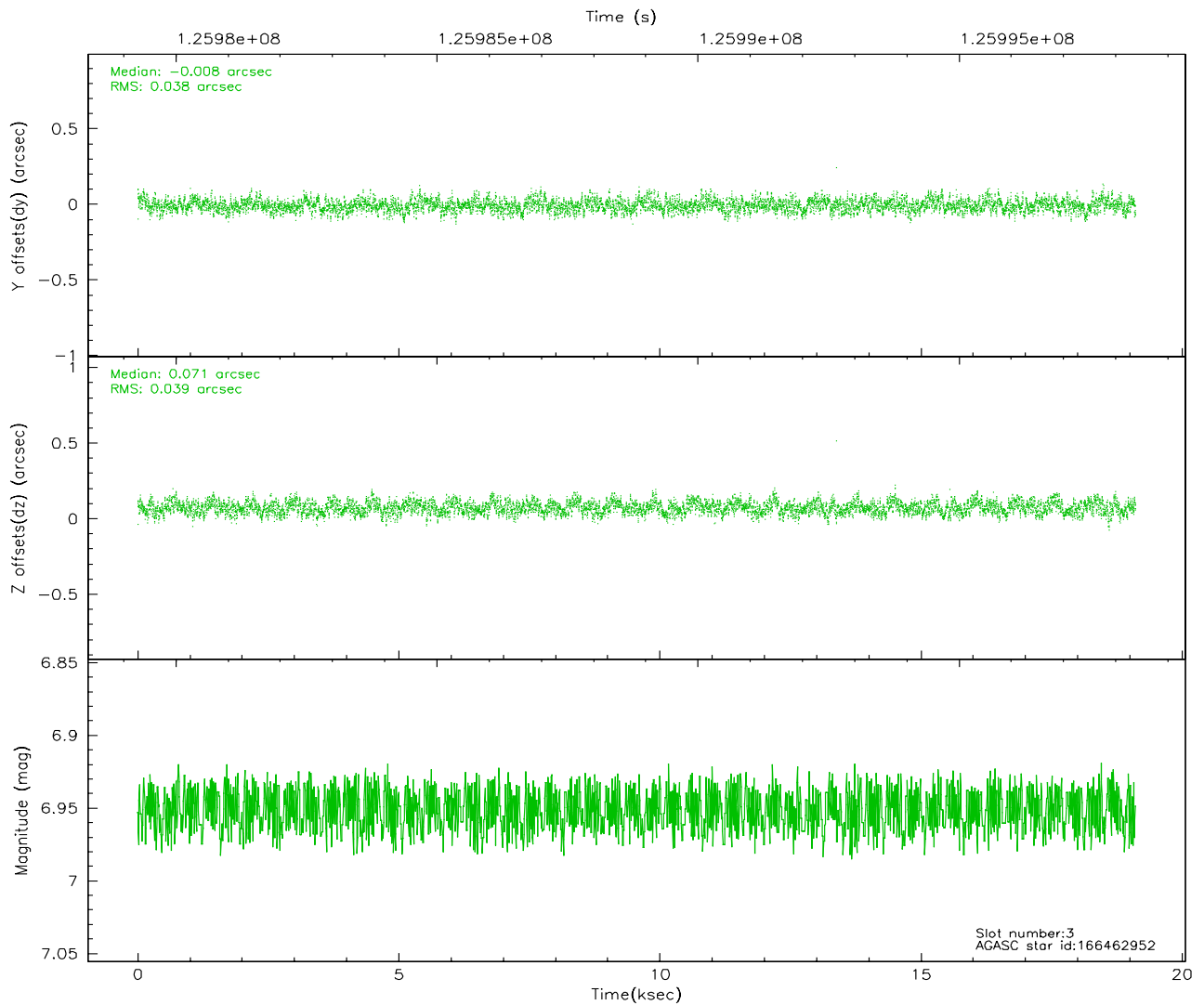
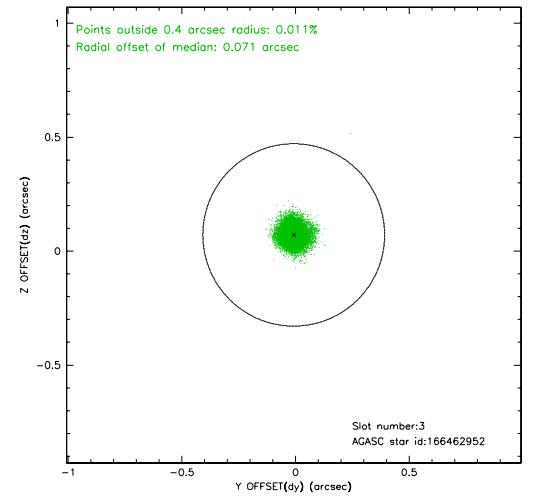
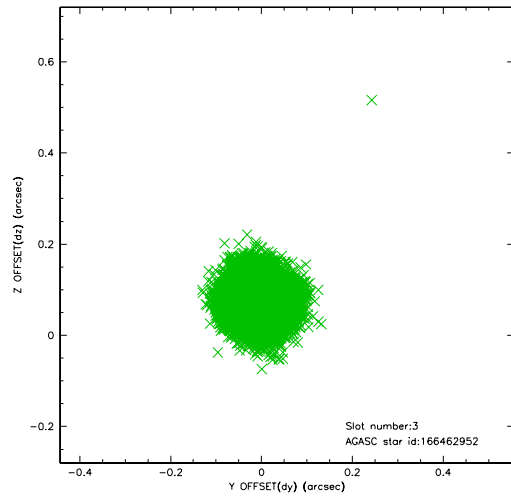


Slot Statistics

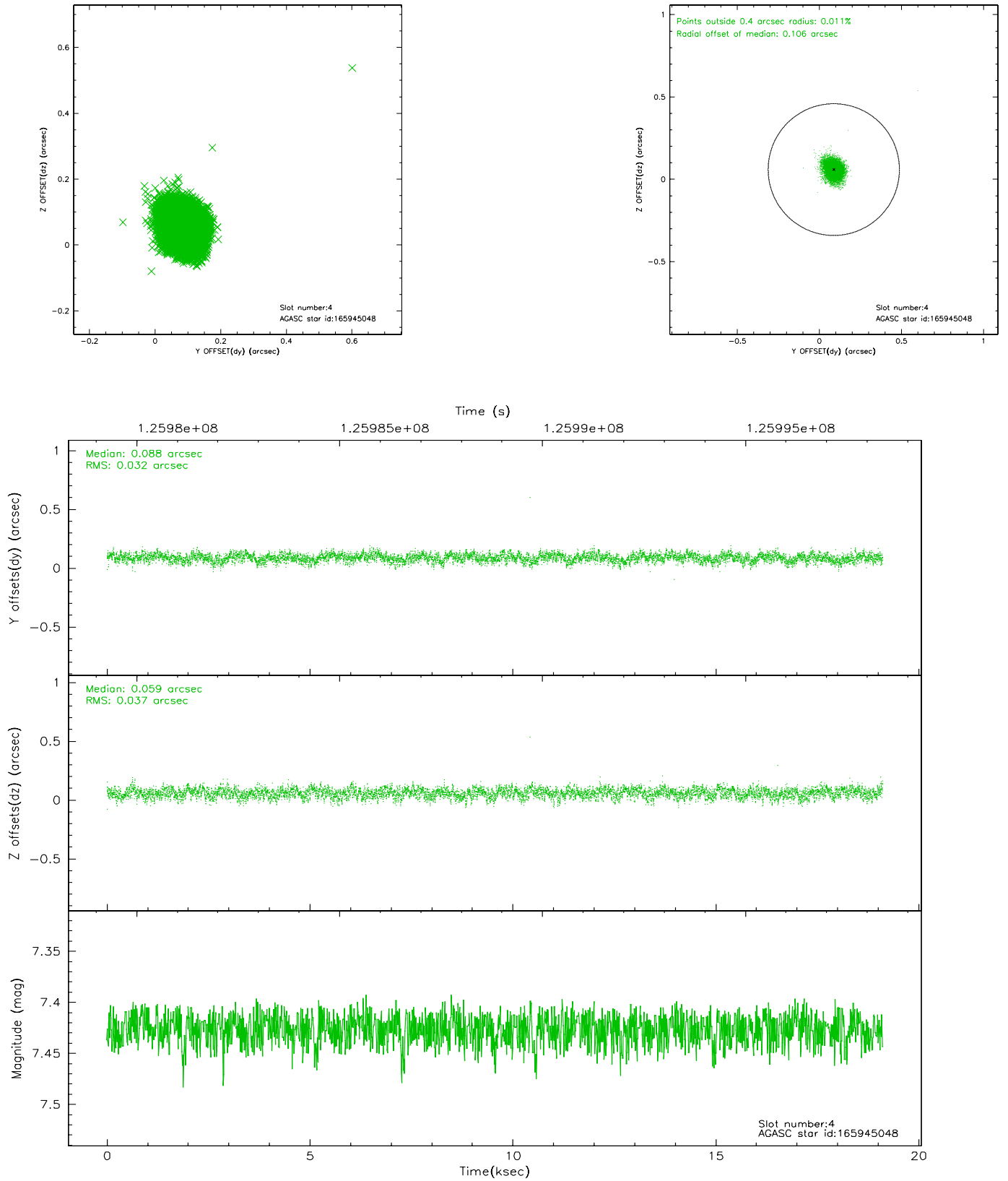
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.95	4661	0.027	0.086	0.007	0.013	0.000000	0.000000	-759.02	-1291.75
1	FID	HRC-I-2	6.99	4661	0.081	-0.087	0.006	0.011	0.000000	0.000000	853.50	-1293.76
2	FID	HRC-I-3	7.03	4661	0.011	-0.087	0.006	0.012	0.000000	0.000000	-1187.35	1012.37
3	GUIDE	166462952	6.95	9322	-0.008	0.071	0.059	0.090	68.744224	16.994686	-1844.78	-167.64
4	GUIDE	165945048	7.43	9322	0.088	0.059	0.052	0.083	68.890799	16.144701	1219.24	-647.99
5	GUIDE	165945976	7.56	9319	-0.097	0.018	0.050	0.082	69.294108	15.937380	2364.79	444.17
6	GUIDE	165940792	8.73	9321	0.024	-0.120	0.063	0.105	69.129101	16.331928	837.20	345.14
7	GUIDE	165938344	9.31	9318	-0.007	-0.030	0.091	0.156	68.408192	16.762499	-1415.99	-1529.56

2.4 Star Slots

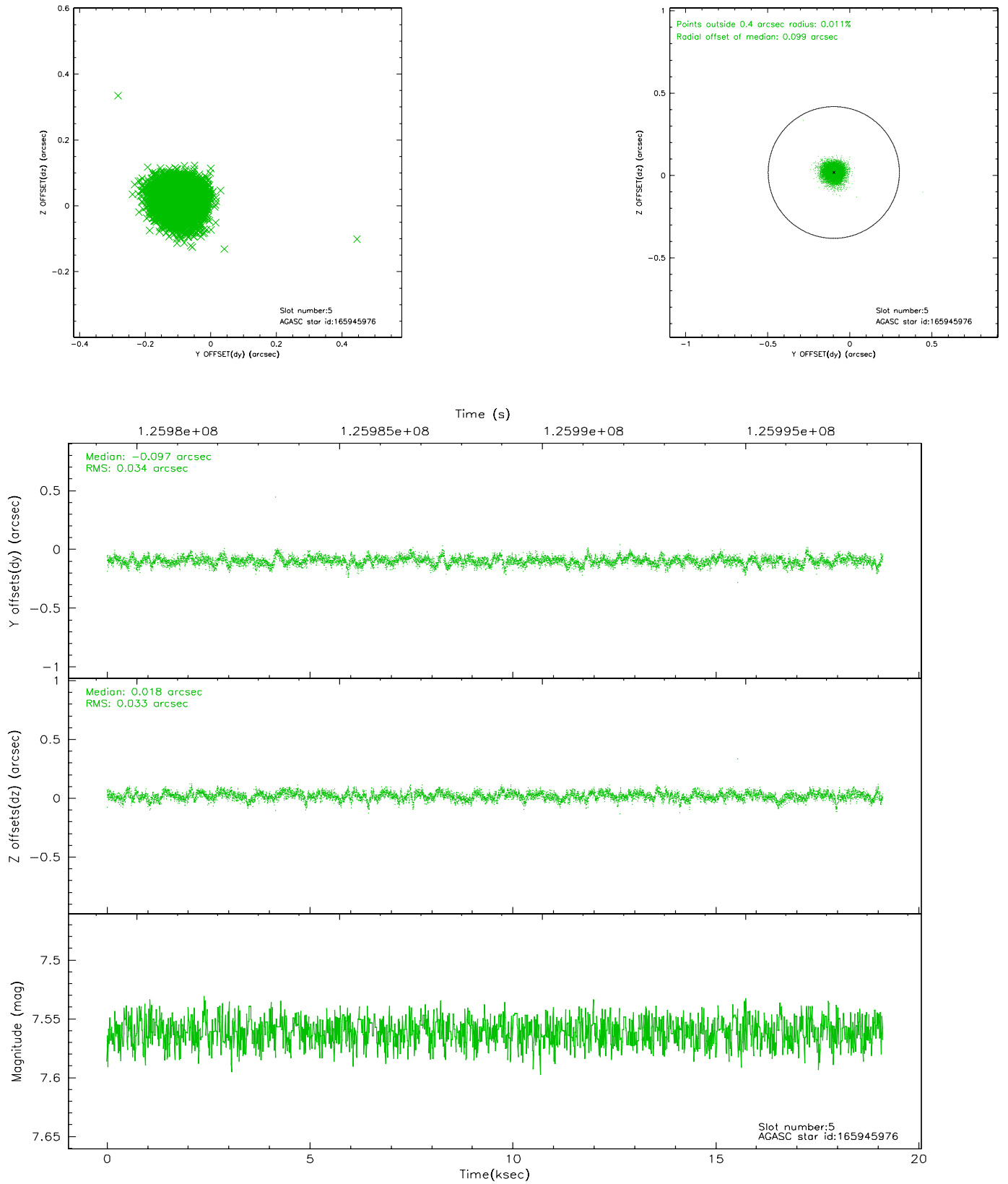
2.4.1 Slot 3



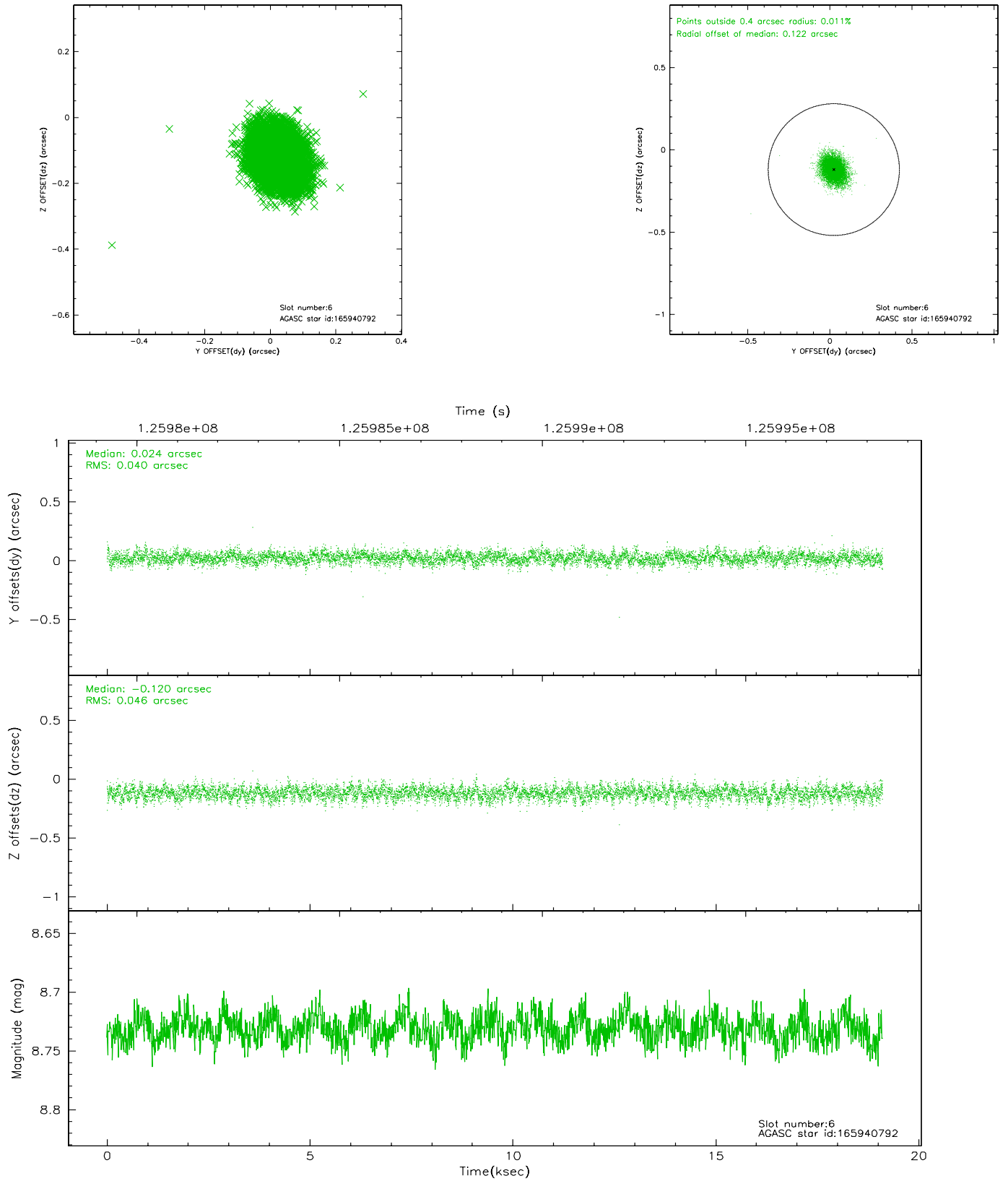
2.4.2 Slot 4



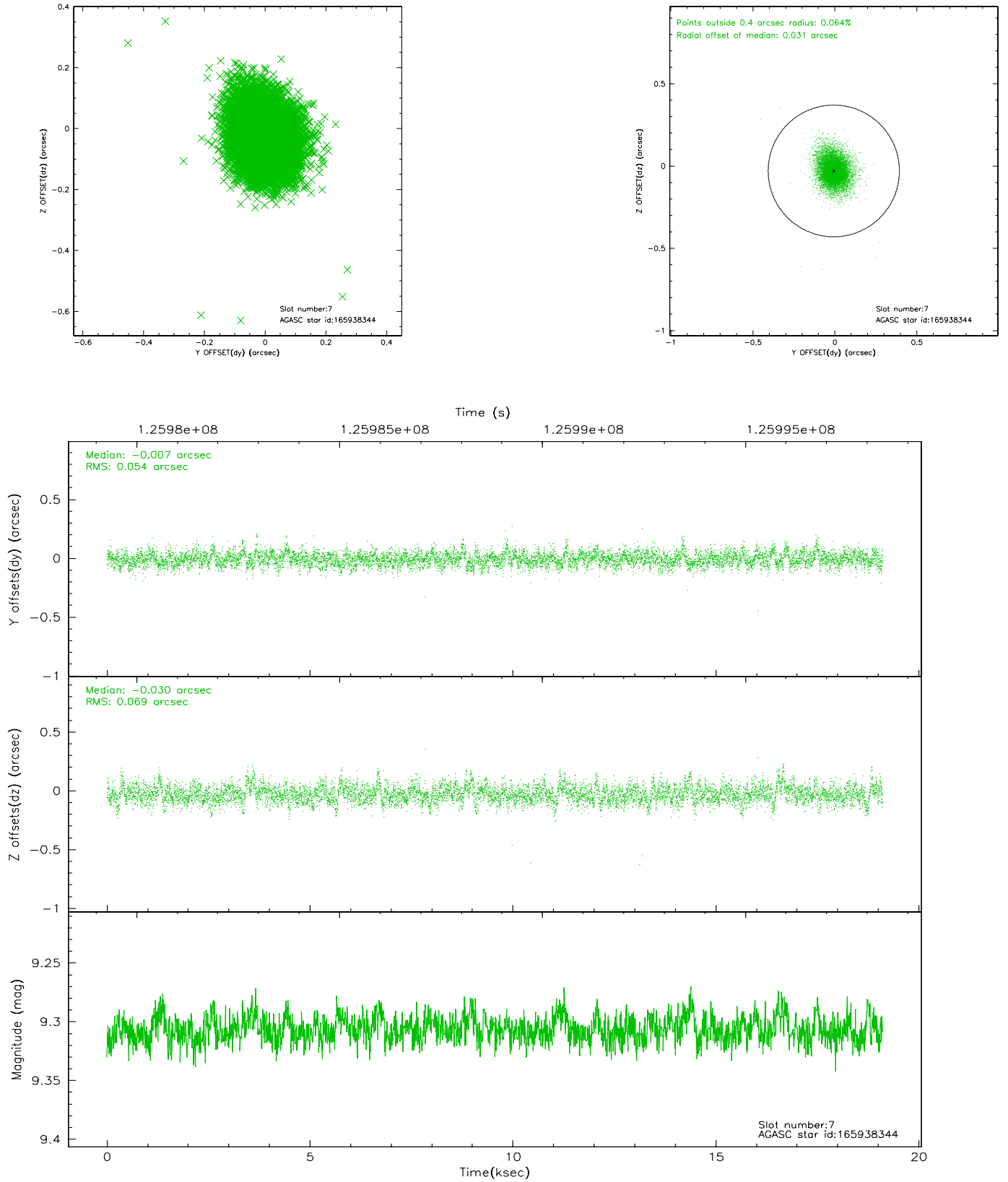
2.4.3 Slot 5



2.4.4 Slot 6

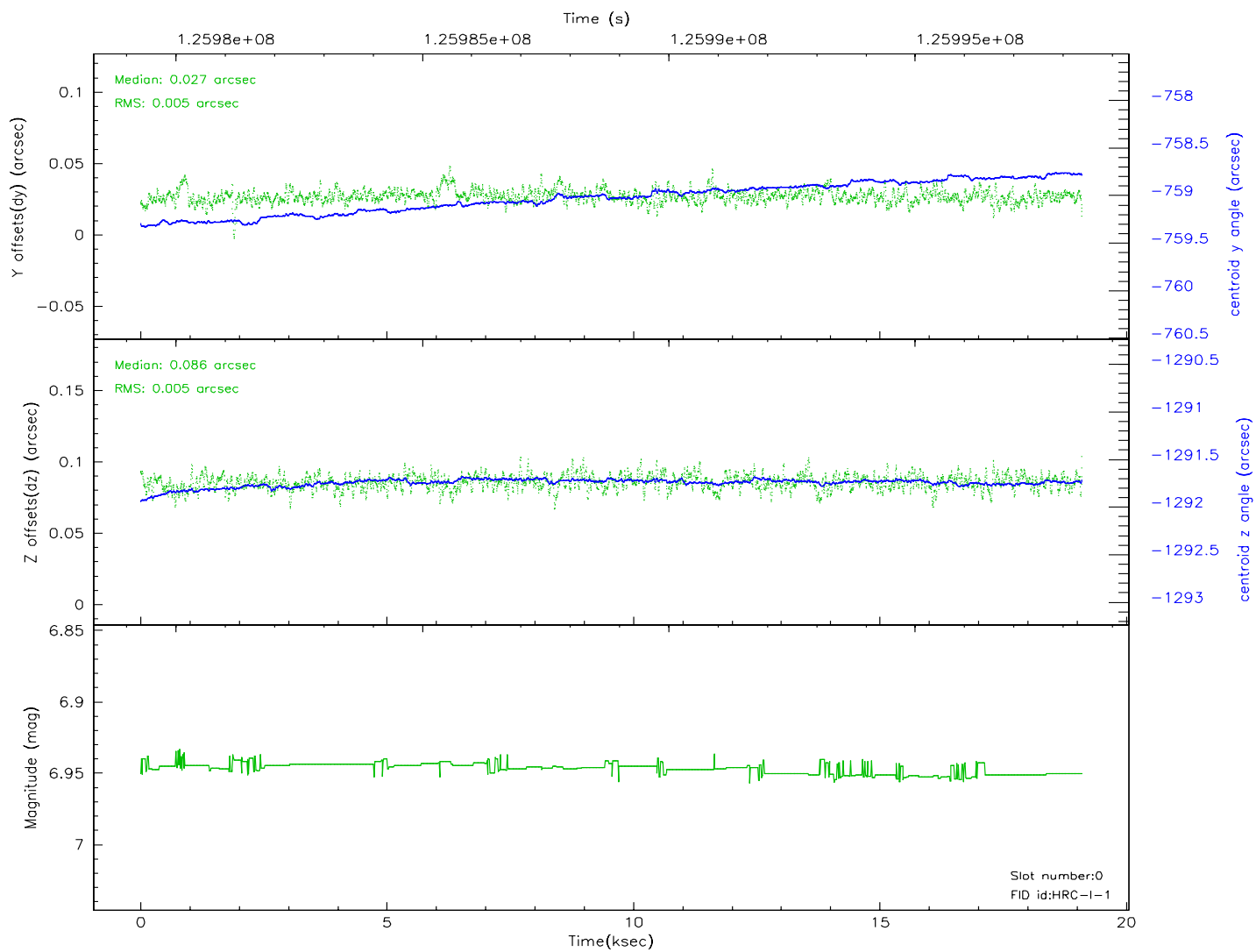
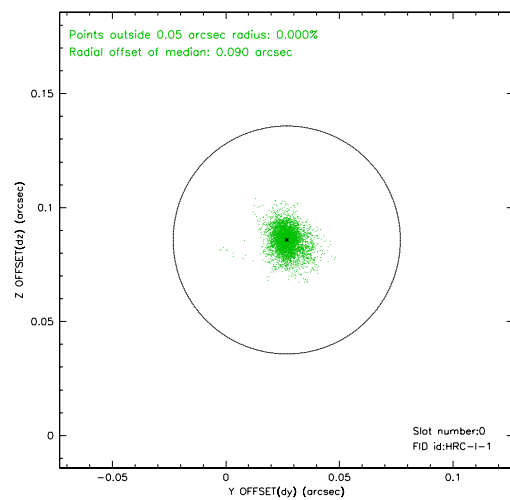
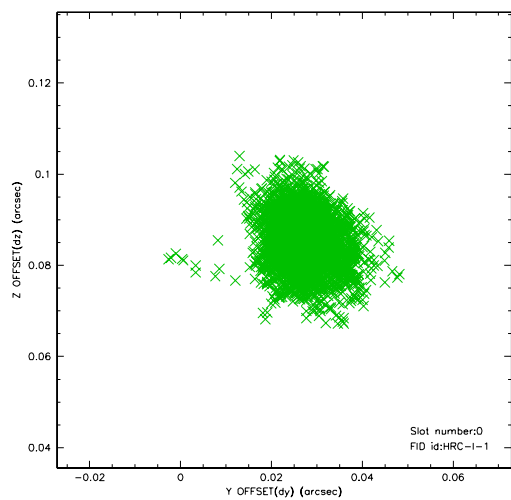


2.4.5 Slot 7

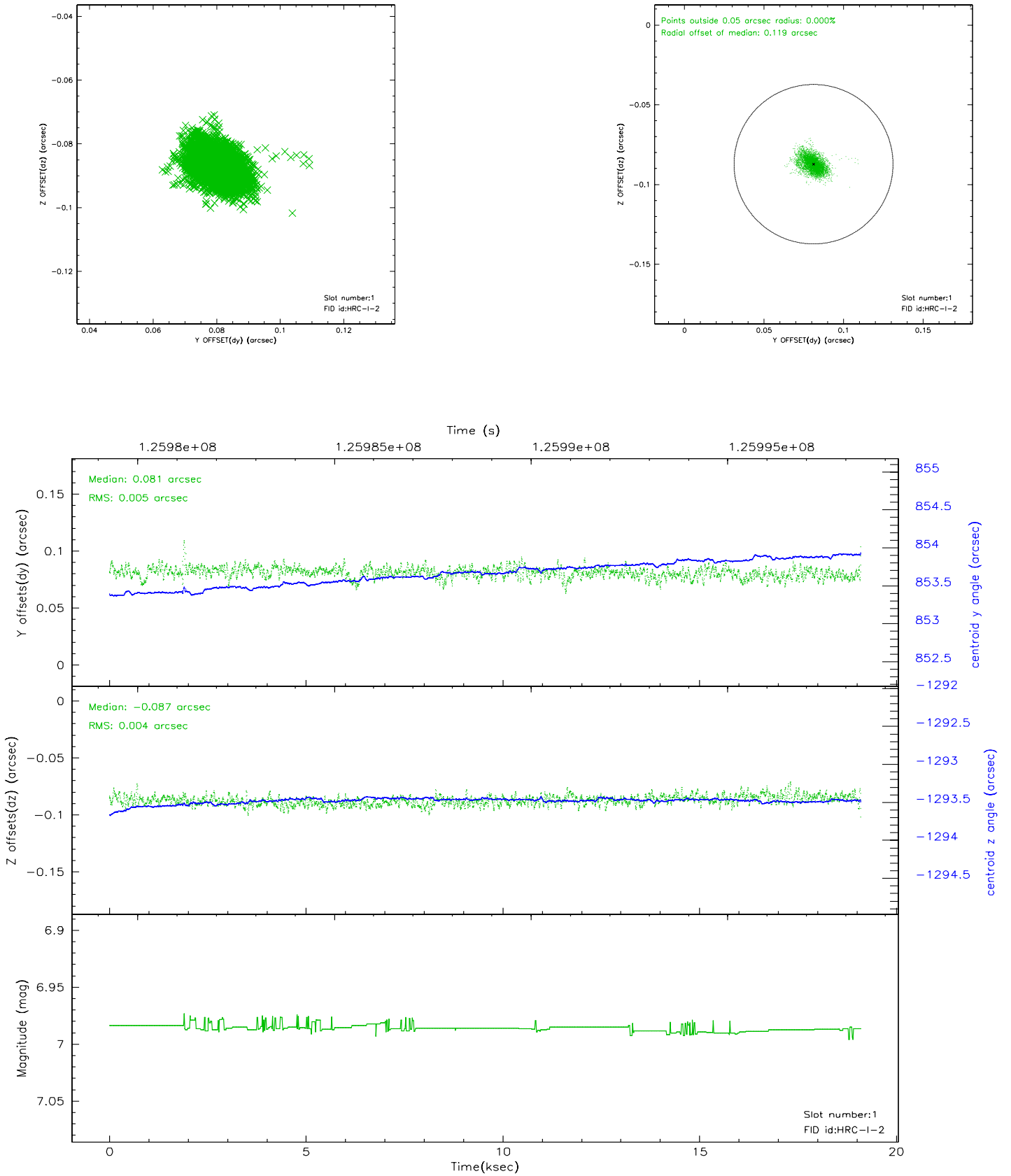


2.5 FID Slots

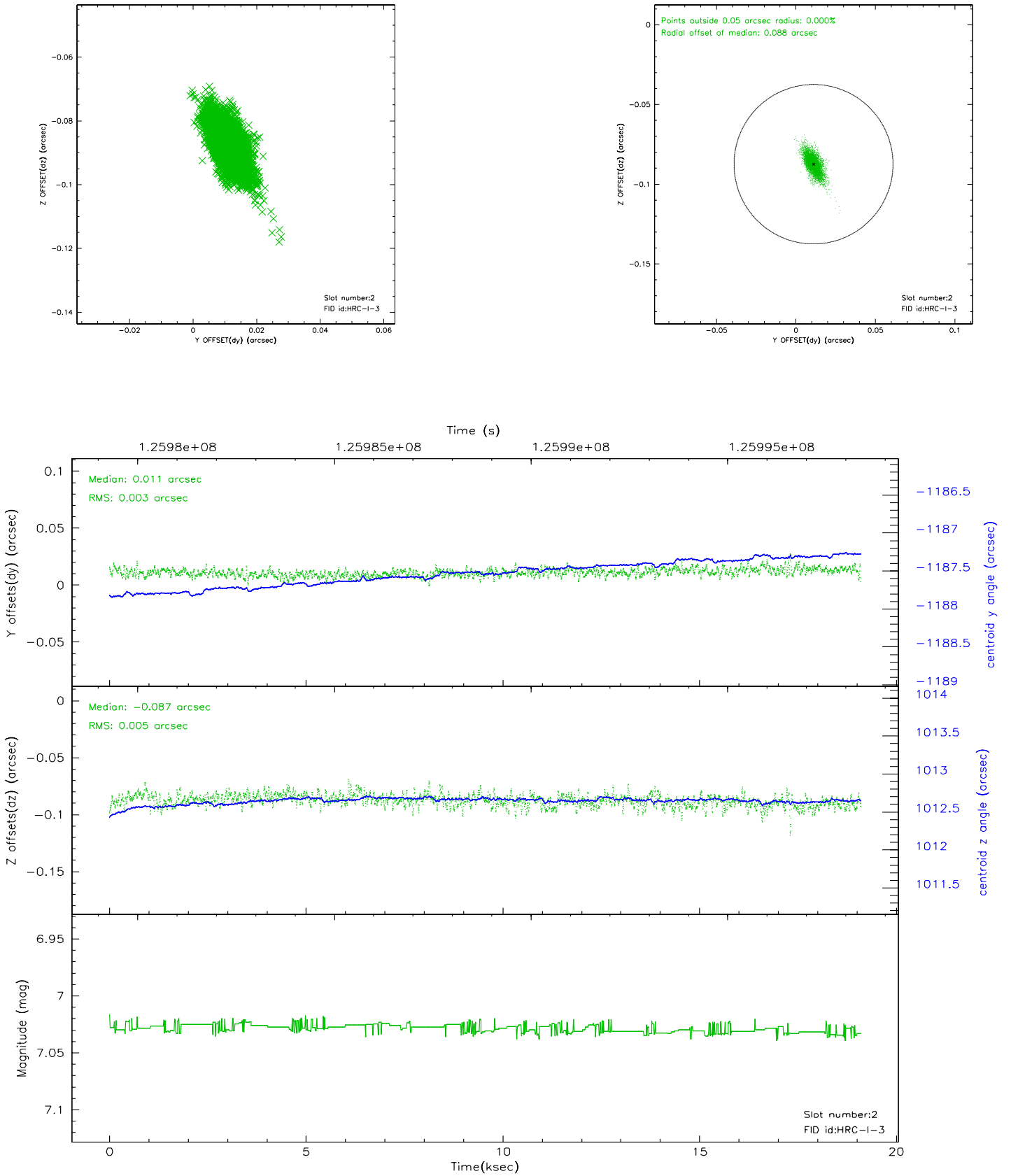
2.5.1 Slot 0



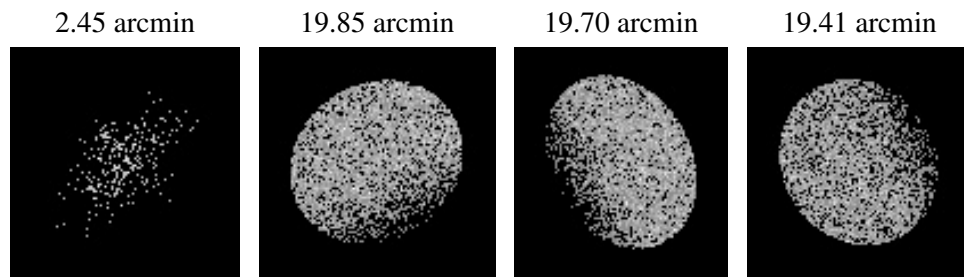
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.12.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	18.866

A.2 Comments

The current observation has been reprocessed as part of Repro III ('C' supplement) the purpose of which is to update all HRC-I ObsIDs since Jan 2000 to the latest calibrations available for that configuration. Specifically, we are updating the DEGAP solution and the Gain Maps applied. For more information see the Repro IIIC web page at

<http://asc.harvard.edu/cda/repro3.html#IIIC>

and the associated links.