

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 6021 - L2 Version 002
Chandra X-Ray Center

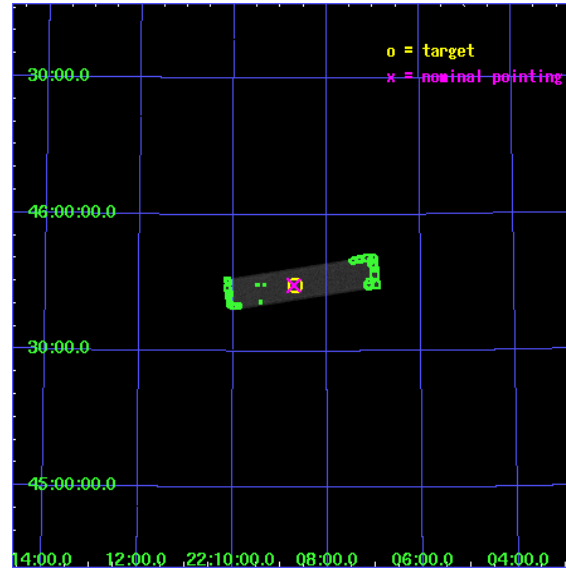
L2 Processing Date: Feb 22 2006

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1 Front

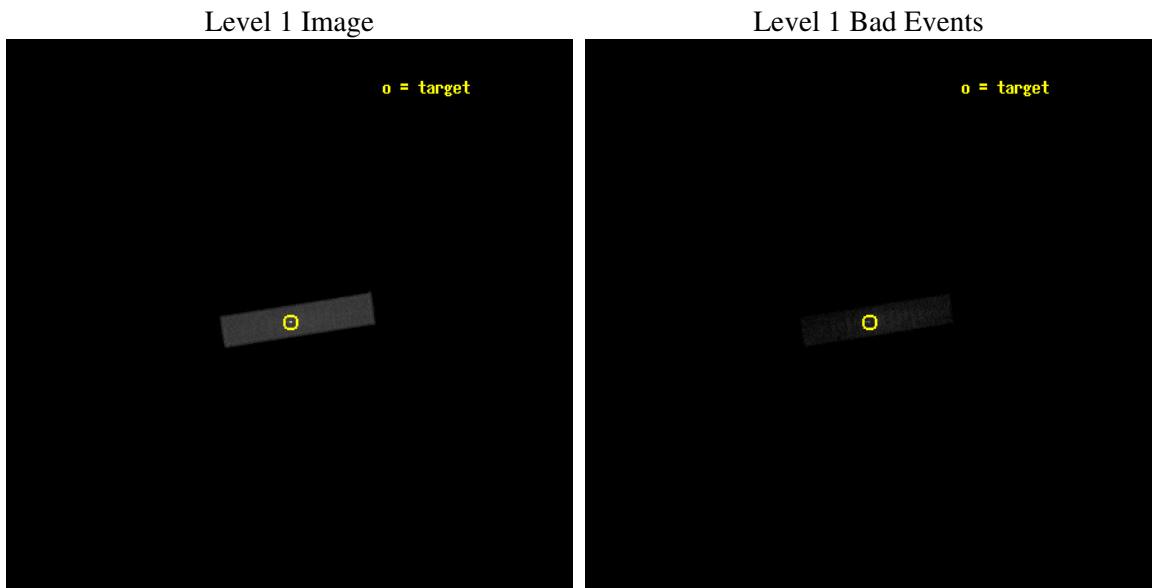
seq_num	290513
obs_id	6021
title	AO6A Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain
observer	Dr. CXC Calibration
object	ArLac
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.17681074031
dec_nom	45.741501880876
roll_nom	351.07962718325
revision	2
ontime	3137.7813919485
livetime	3118.8611769411
l2events	126990



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.7
caldbver	3.2.1
date	2006-02-22T21:18:11
revision	2

sched_exp_time	3000.000000
ontime	3137.7813919485
l1events	217812

2.1.3 Events

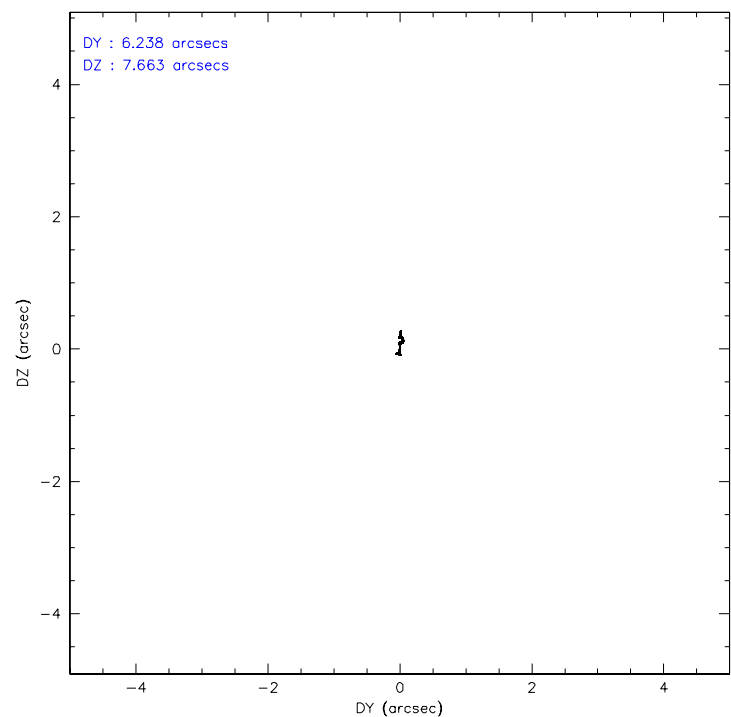
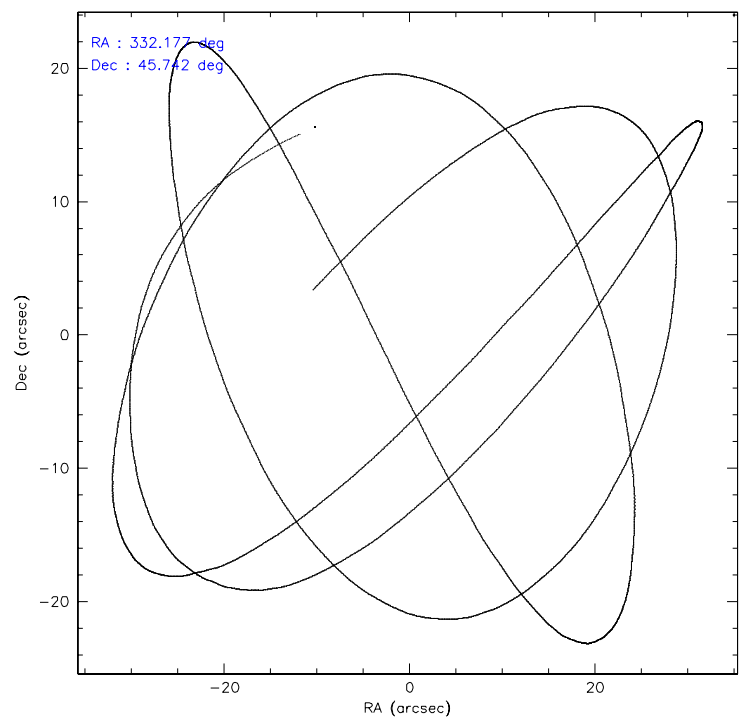
Level 1 Events

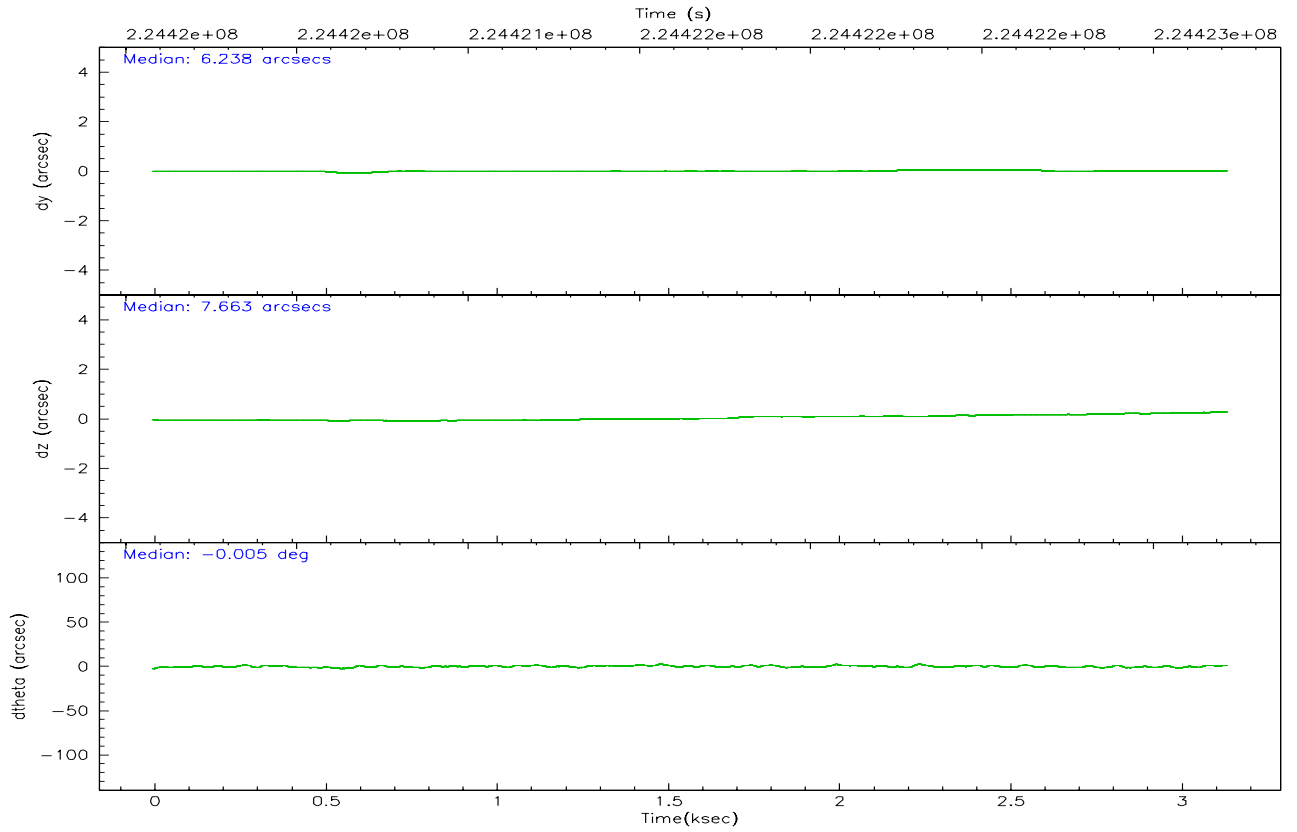
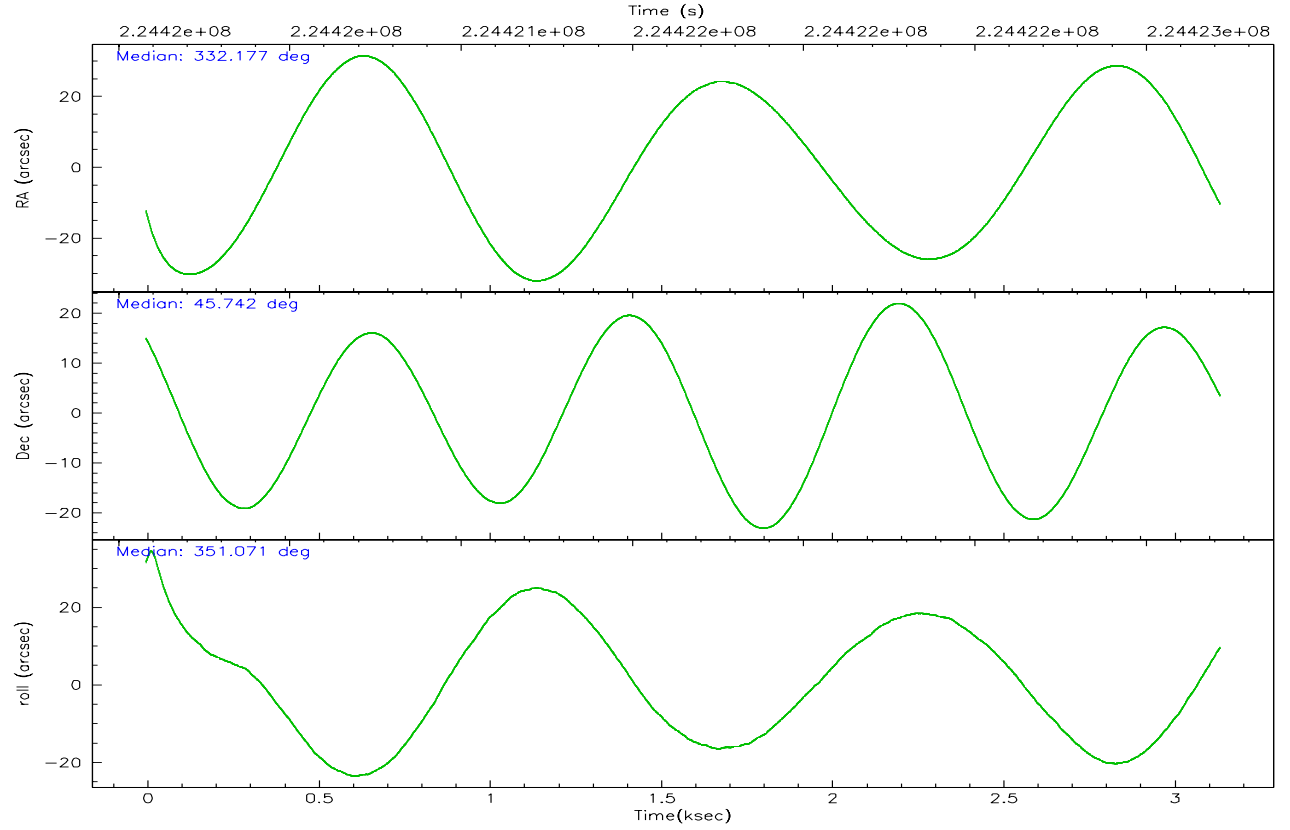
	segment 1	segment 2	segment 3
level 1 events	0	217812	0
rejected events	0	81938	0
rejected %	0%	37%	0%

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	332.139139	332.176810740308			
Pointing Dec	45.729849	45.74150188087555			
Pointing Roll	351.039167	351.0796271832514			
Window start time	223603264.184000	223603264.184000			
Window stop time	231206464.184000	231206464.184000			
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	224420213.184000	224419081.63225			
Observation start date	2005-02-10T10:55:49	2005-02-10T10:38:01			
Observation end time	224423213.184000	224423346.65744			
Observation end date	2005-02-10T11:45:49	2005-02-10T11:49:06			

2.3 Aspect



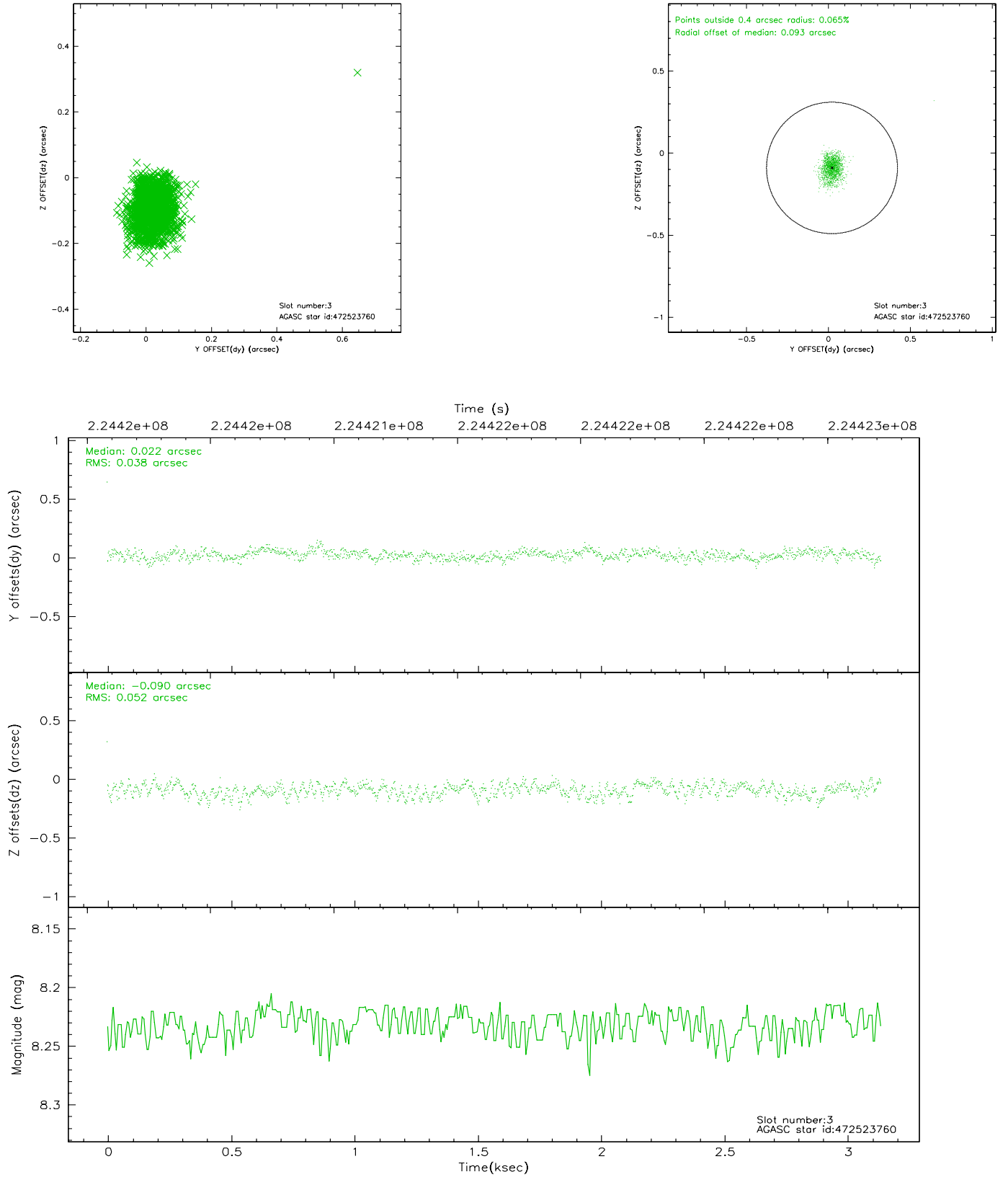


Slot Statistics

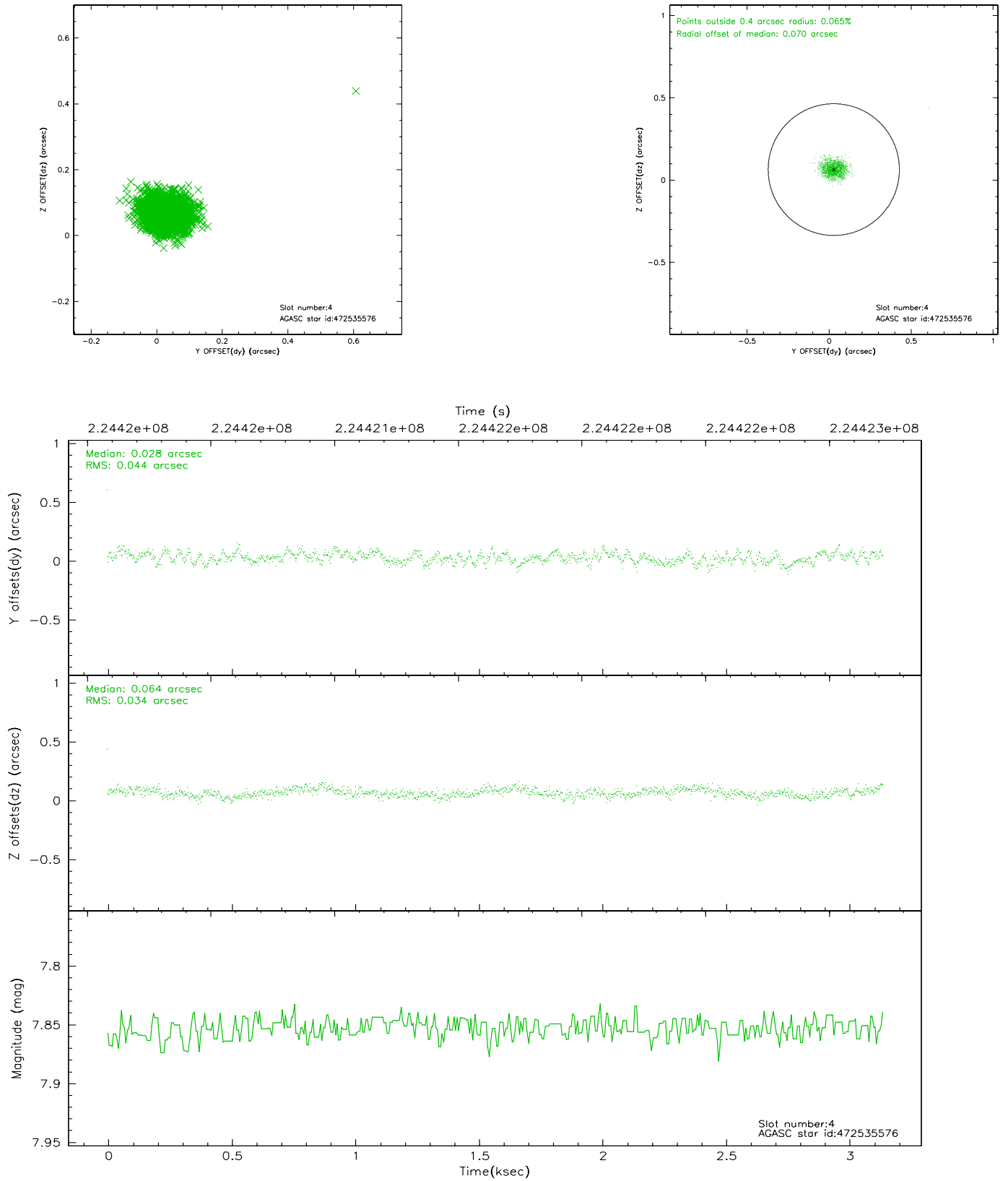
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.04	765	0.086	-0.116	0.005	0.009	0.000000	0.000000	-1160.40	-456.32
1	FID	HRC-S-2	7.04	766	0.151	-0.166	0.009	0.016	0.000000	0.000000	1237.83	-449.52
2	FID	HRC-S-4	6.99	766	0.166	-0.022	0.008	0.015	0.000000	0.000000	1239.52	575.36
3	GUIDE	472523760	8.23	1532	0.022	-0.090	0.065	0.108	331.645363	45.403260	-1050.68	-1352.13
4	GUIDE	472535576	7.85	1532	0.028	0.064	0.057	0.088	331.438373	46.291802	-2039.69	1733.47
5	GUIDE	472665256	9.01	1530	-0.043	0.037	0.085	0.137	332.808125	46.195041	1382.63	1922.34
6	GUIDE	472527720	6.99	1532	-0.018	-0.021	0.066	0.105	331.460205	45.112509	-1358.18	-2455.63
7	GUIDE	472536328	8.14	1530	0.007	0.015	0.067	0.106	331.496671	46.454831	-1983.33	2334.56

2.4 Star Slots

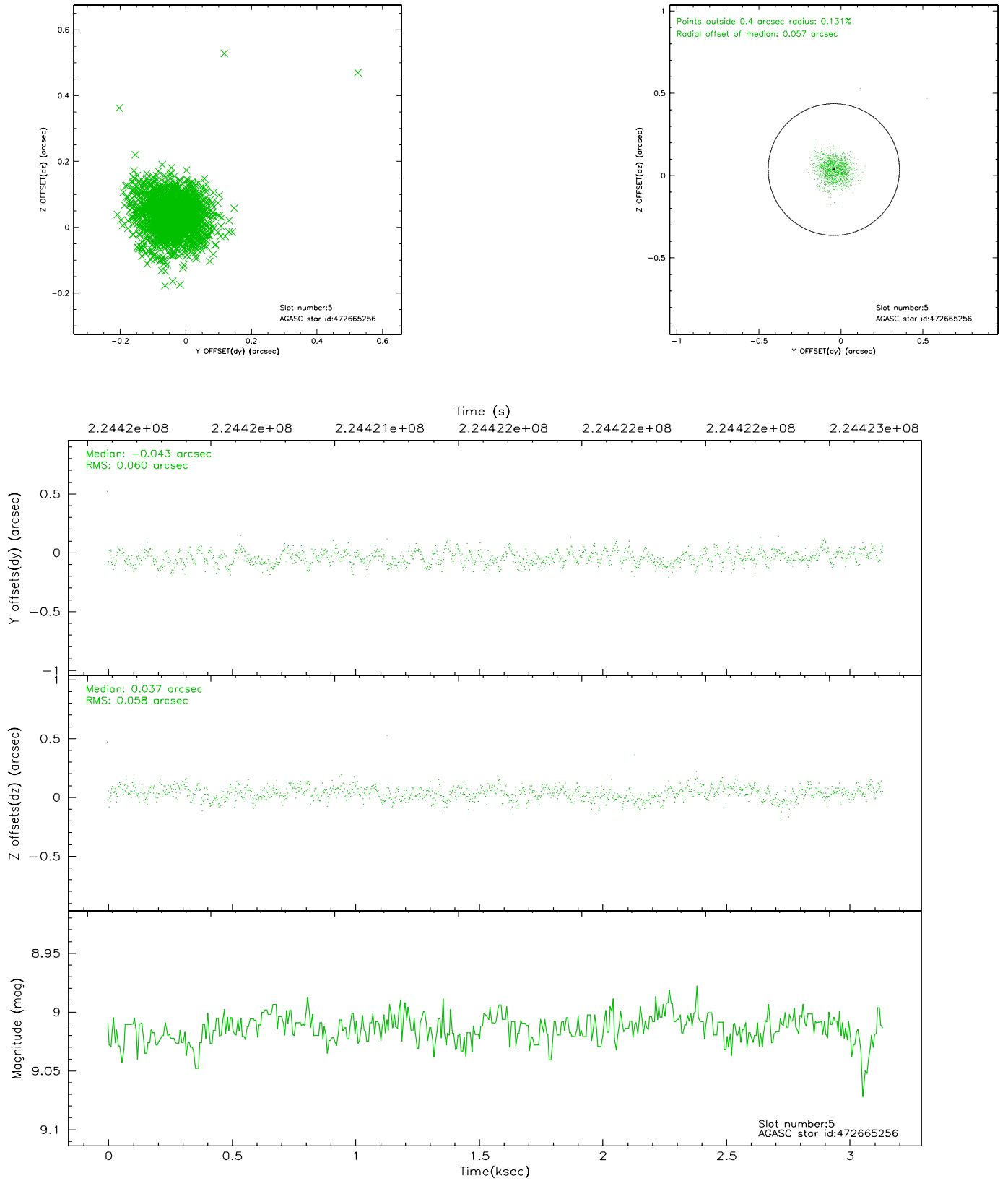
2.4.1 Slot 3



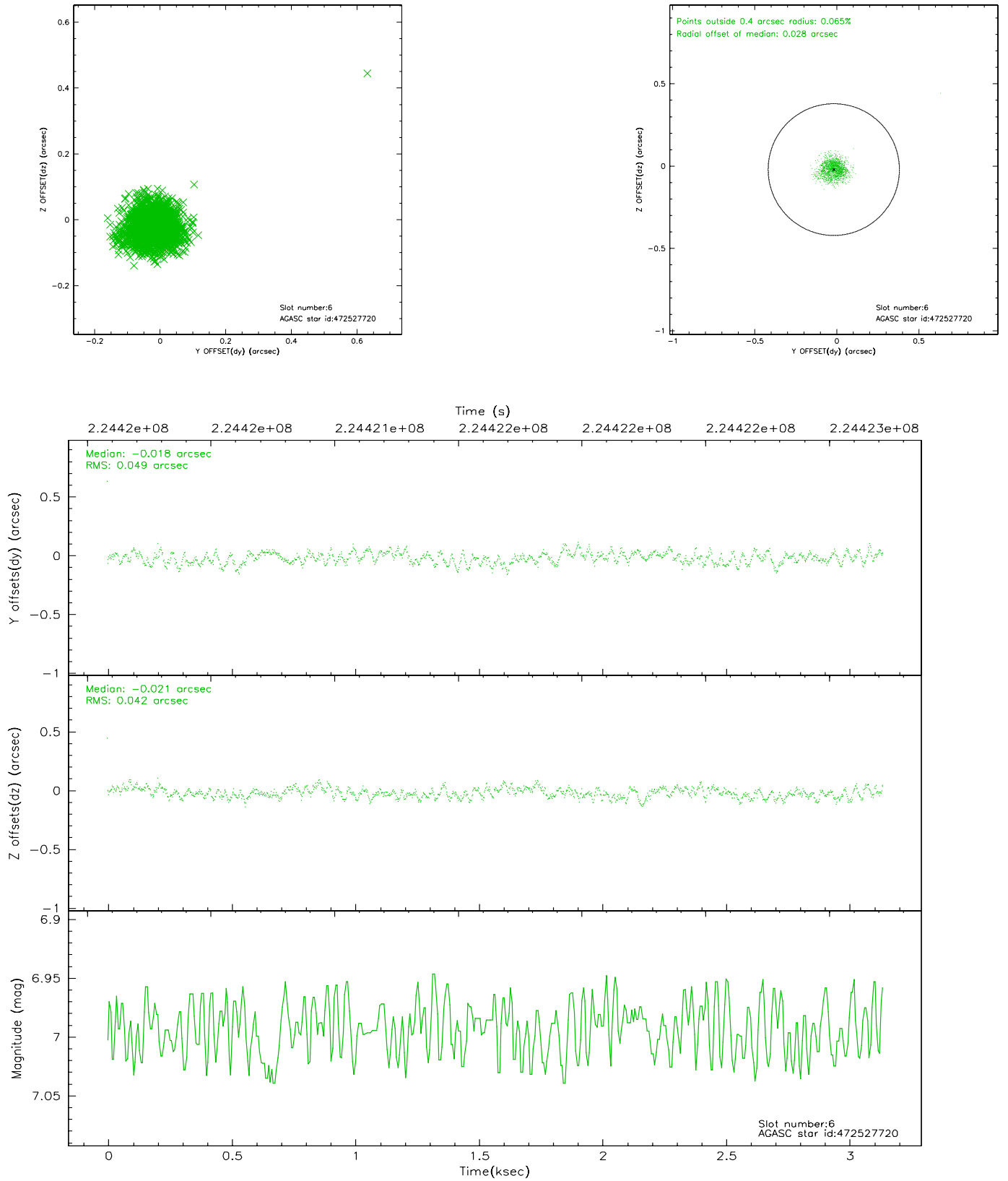
2.4.2 Slot 4



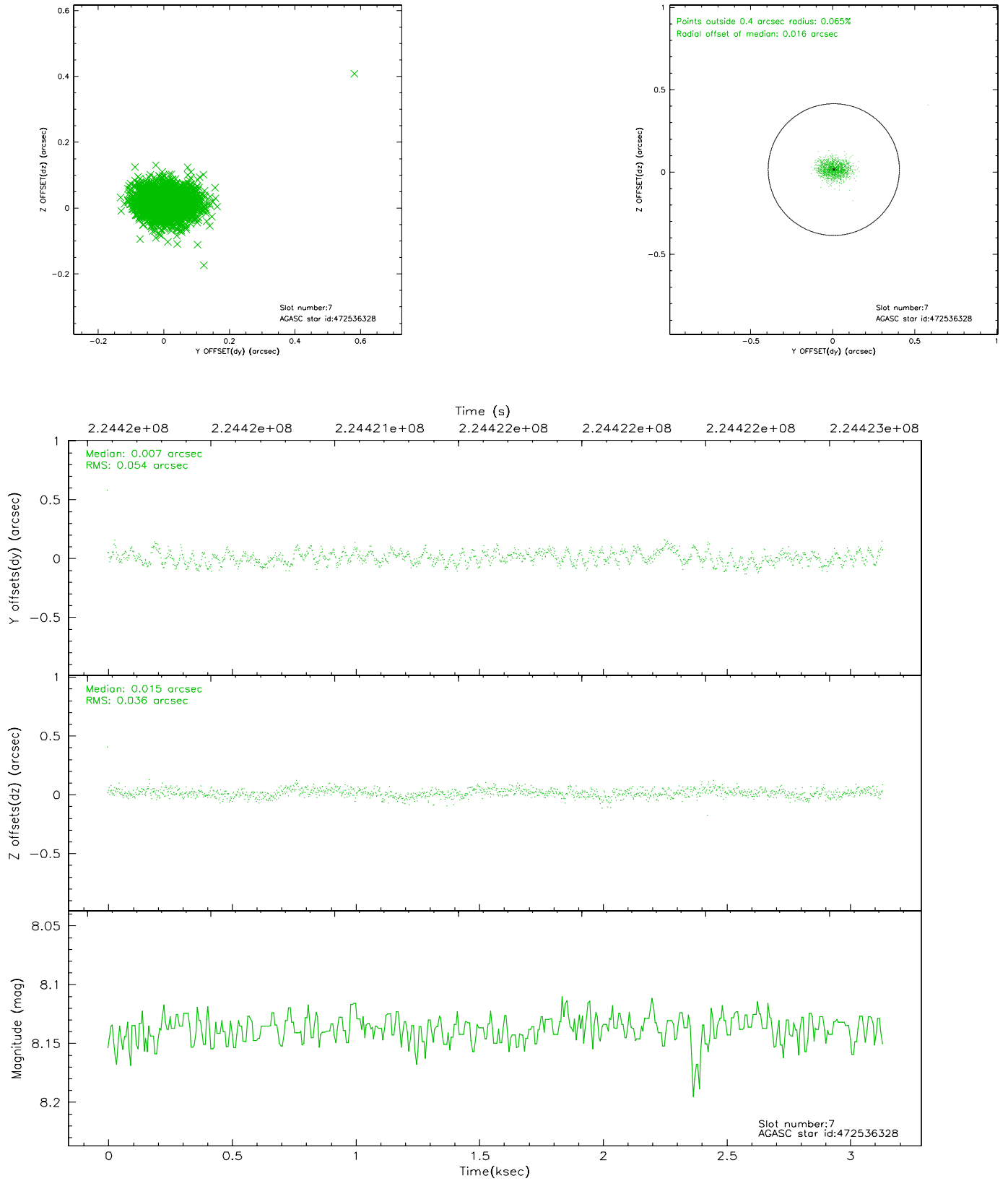
2.4.3 Slot 5



2.4.4 Slot 6

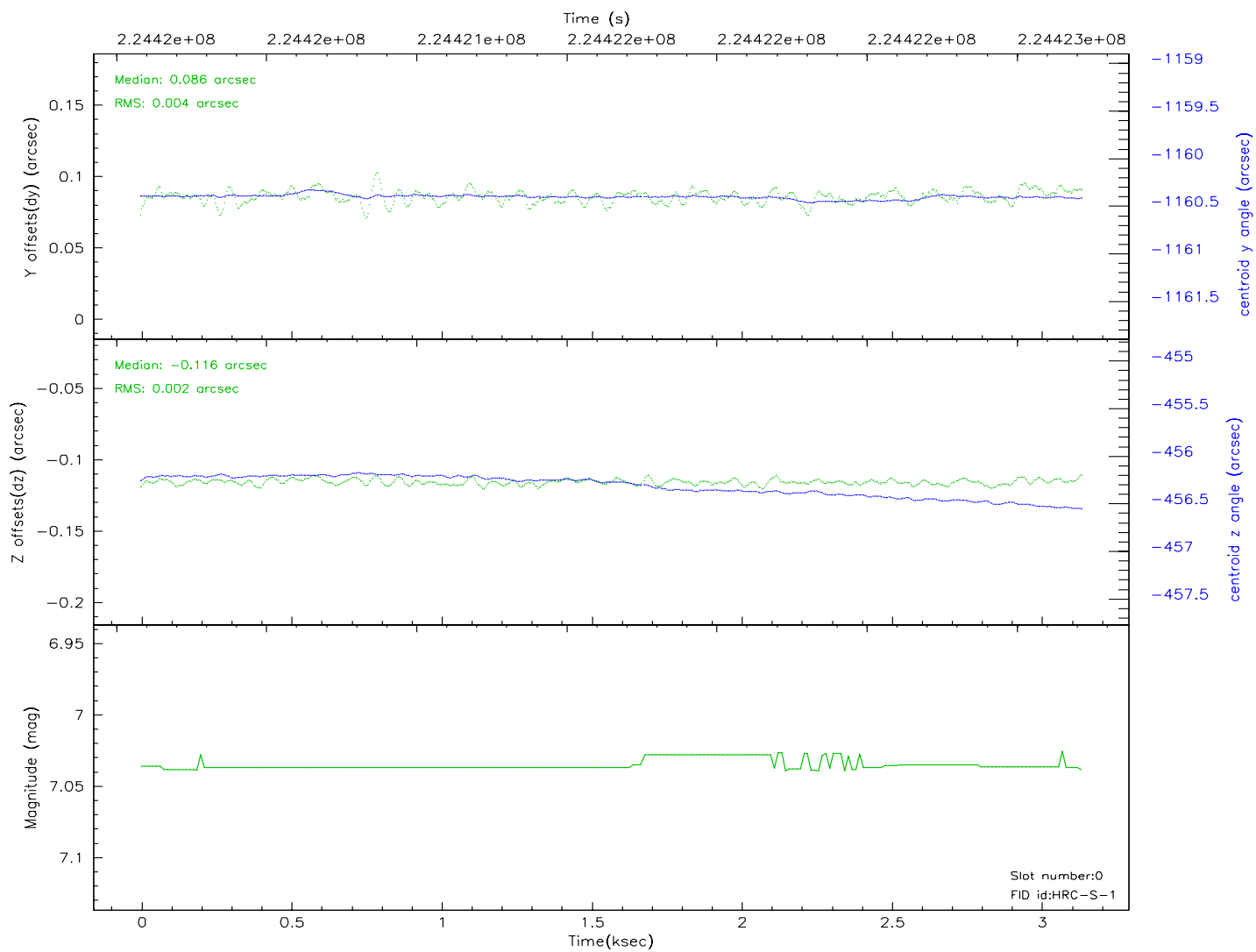
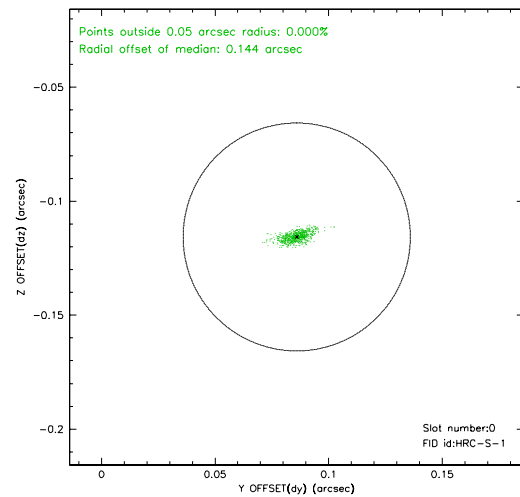
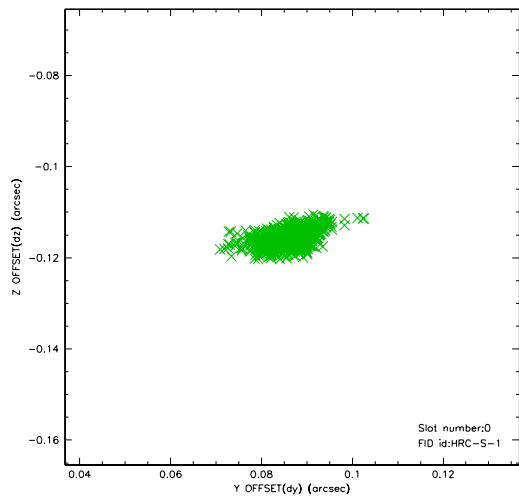


2.4.5 Slot 7

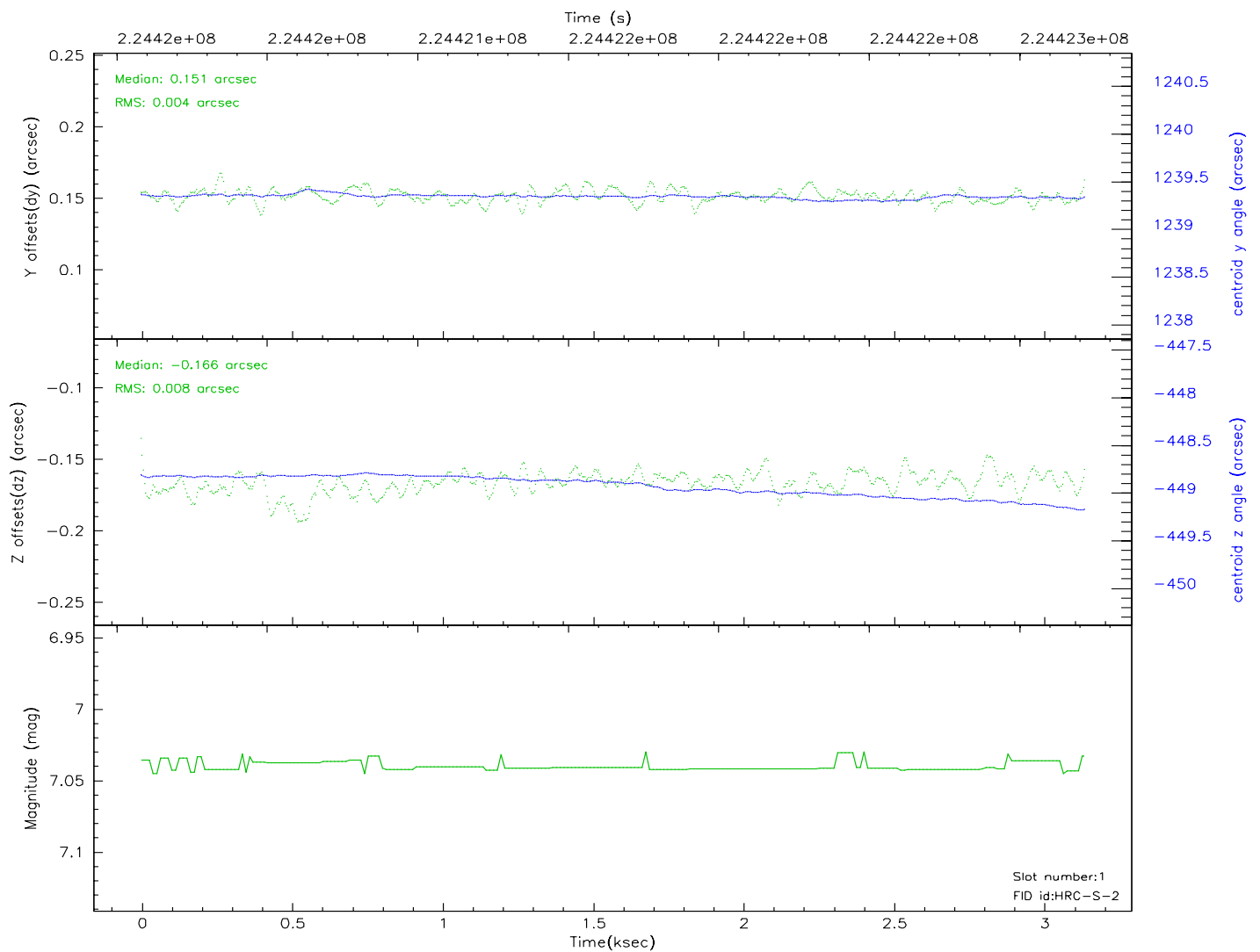
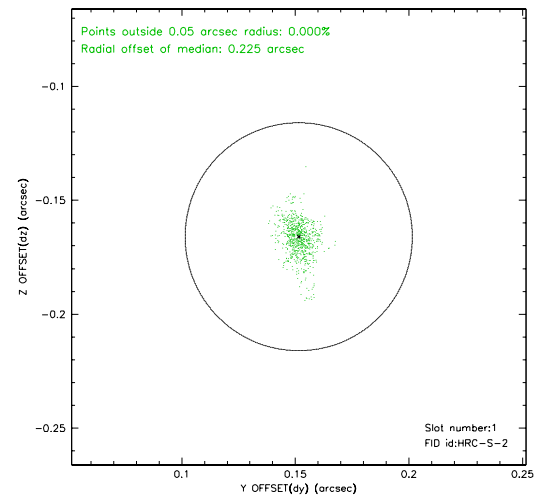
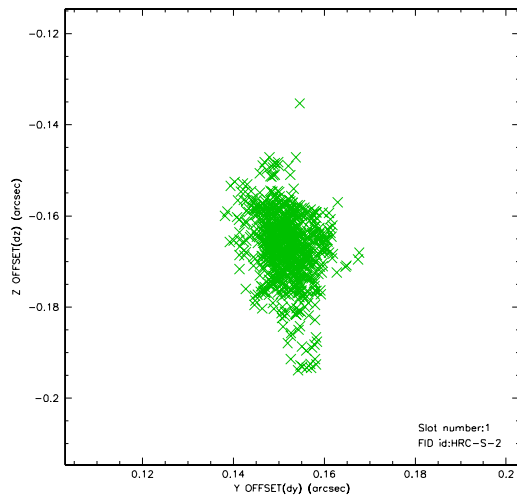


2.5 FID Slots

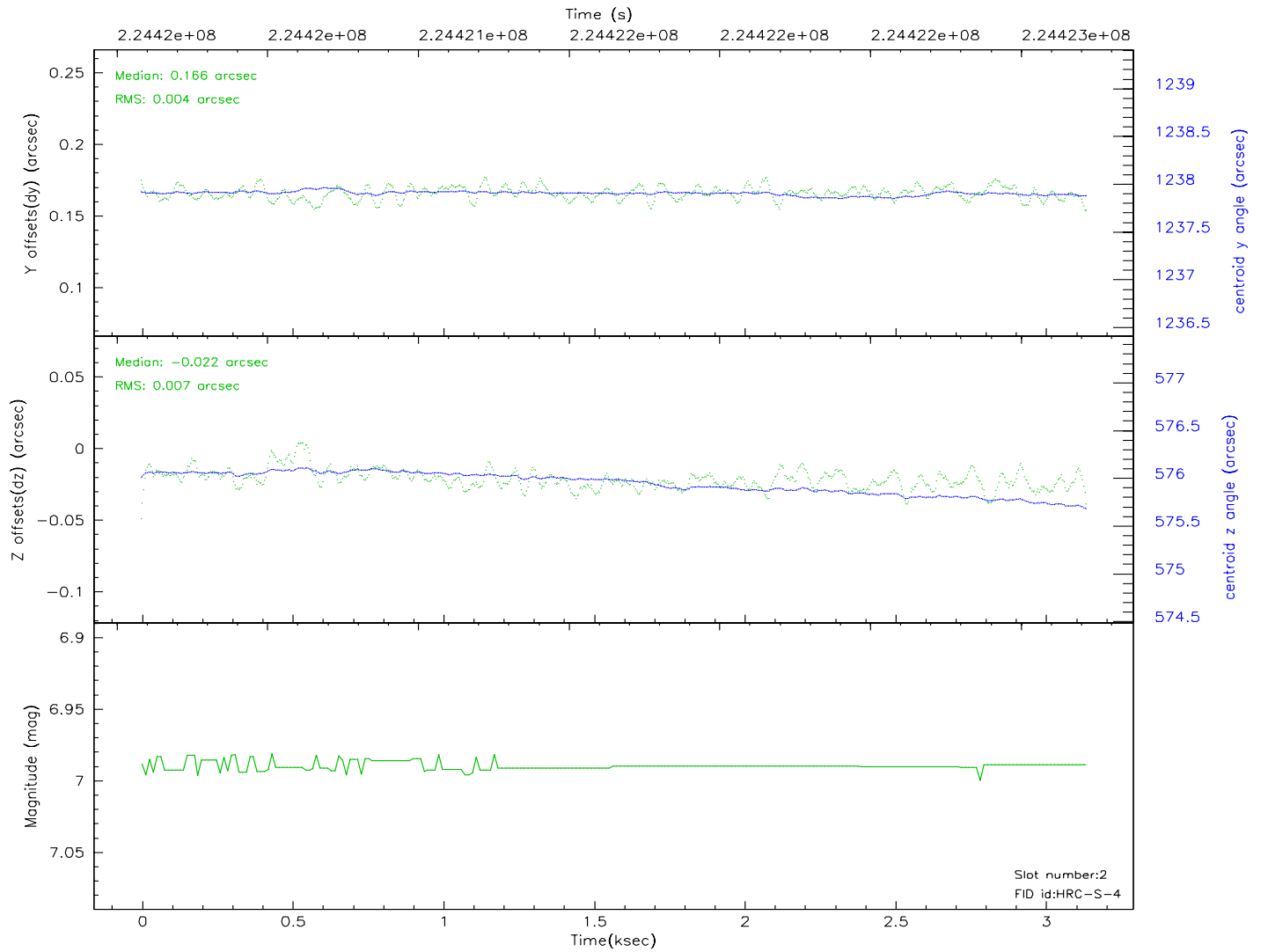
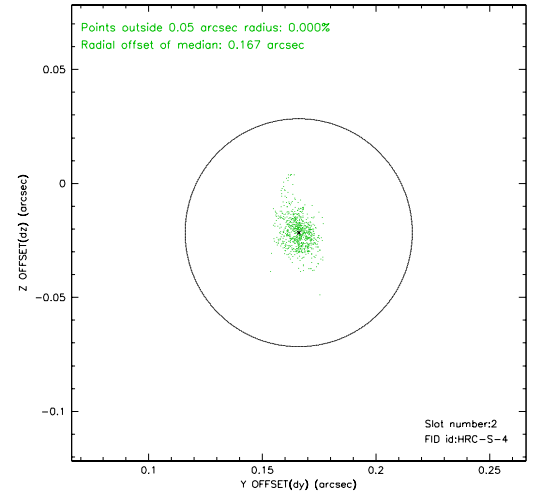
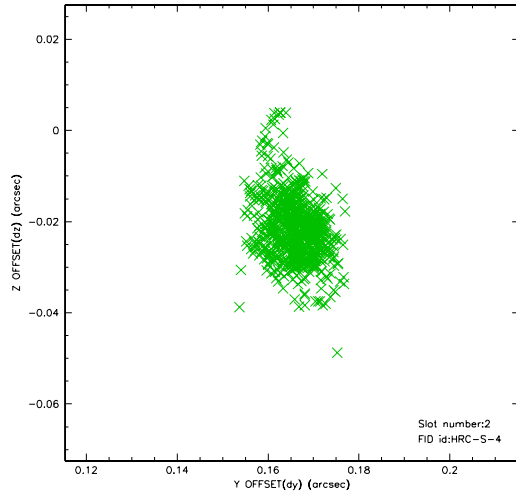
2.5.1 Slot 0



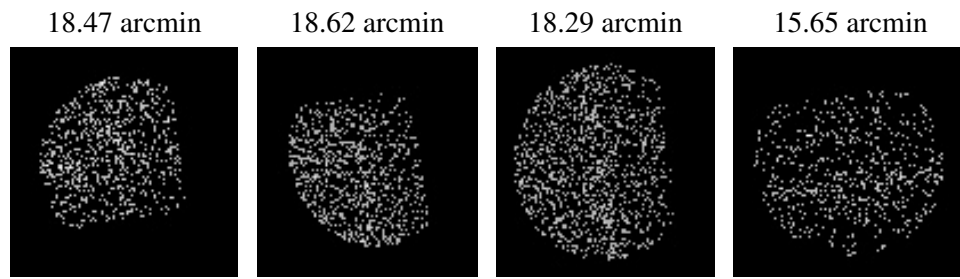
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.02.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.137525

A.2 Comments

Window constraint met.