

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 5094 - L2 Version 001
Chandra X-Ray Center

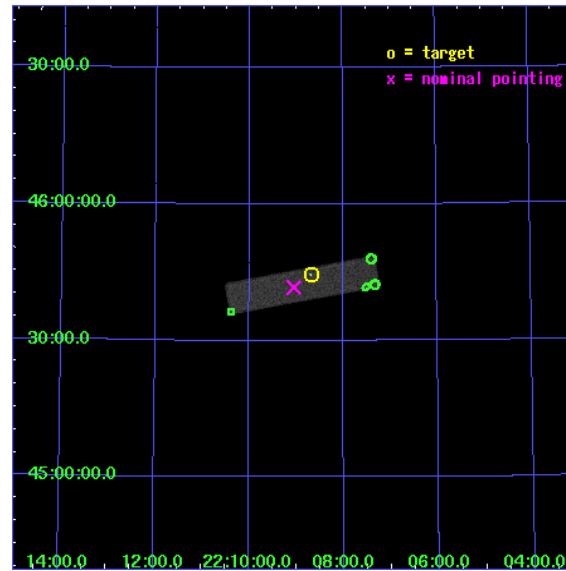
L2 Processing Date : Jun 4 2006

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1 Front

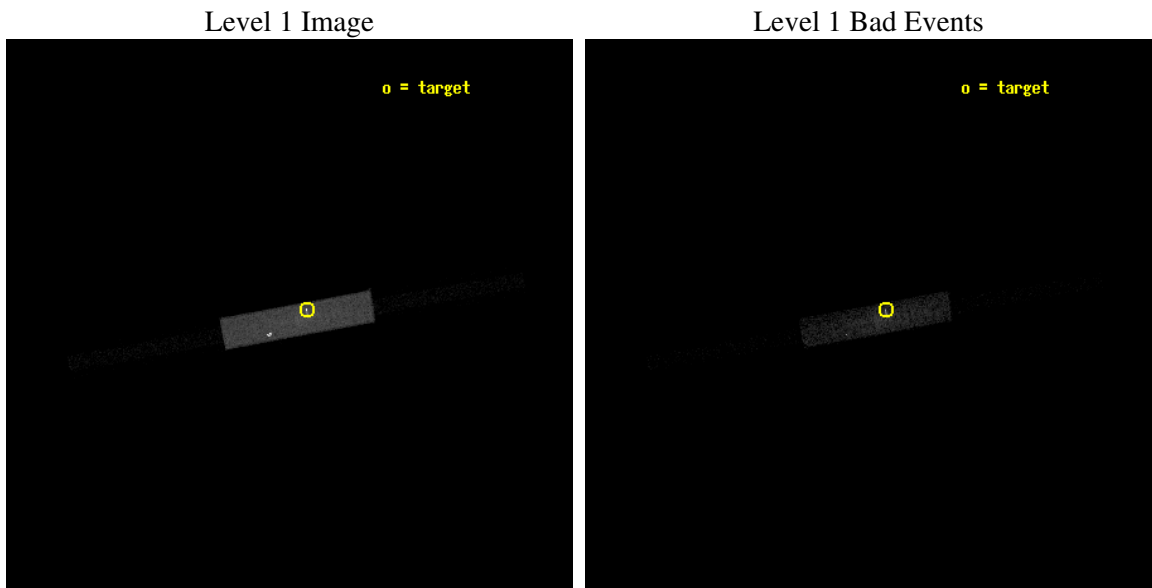
seq_num	290367
obs_id	5094
title	AO5A Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain
observer	Dr. CXC Calibration
object	ArLac
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.26181235107
dec_nom	45.695535136364
roll_nom	349.53682520175
revision	2
ontime	1088.8062976003
livetime	1082.6893612809
l2events	36915



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.7.2
caldbver	3.2.2
date	2006-06-04T17:23:31
revision	2

sched_exp_time	946.000000
ontime	1132.6250495017
l1events	75116

2.1.3 Events

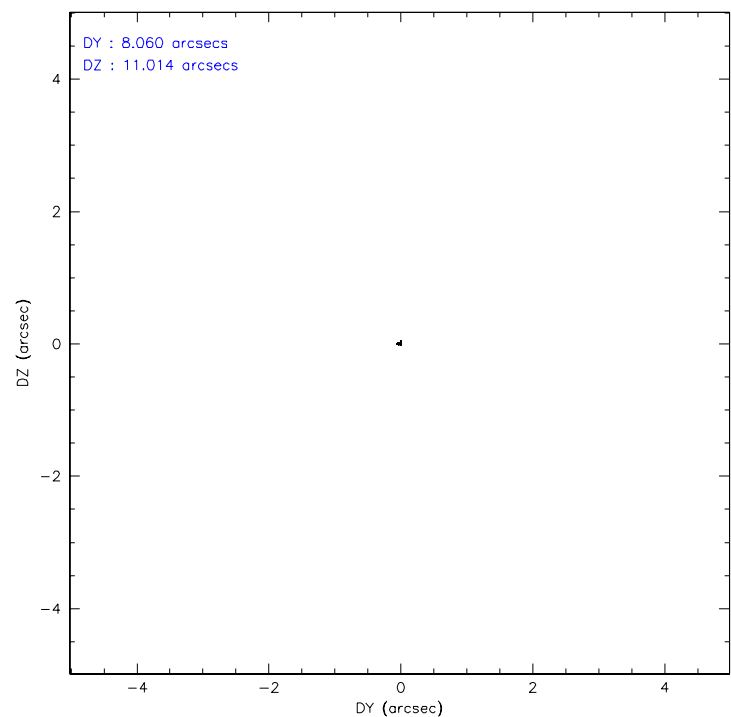
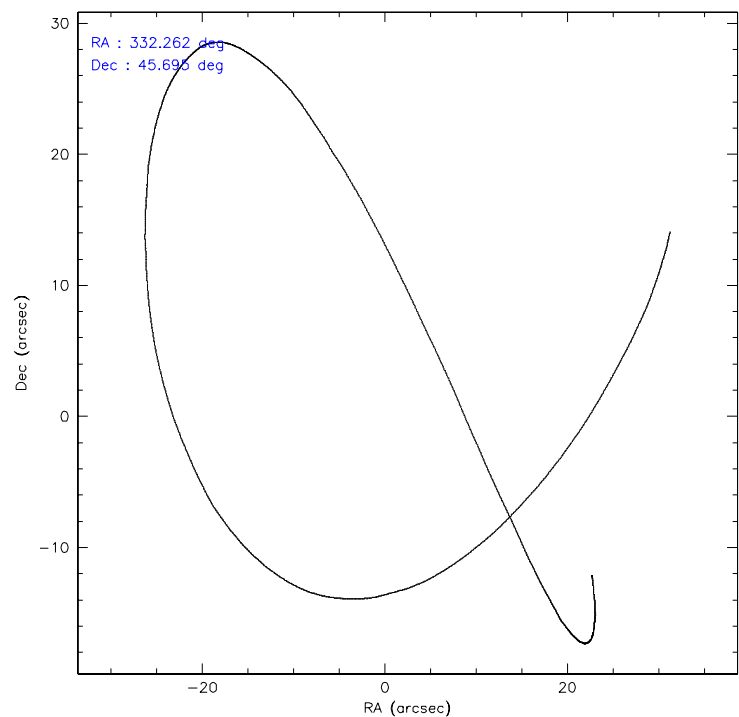
Level 1 Events

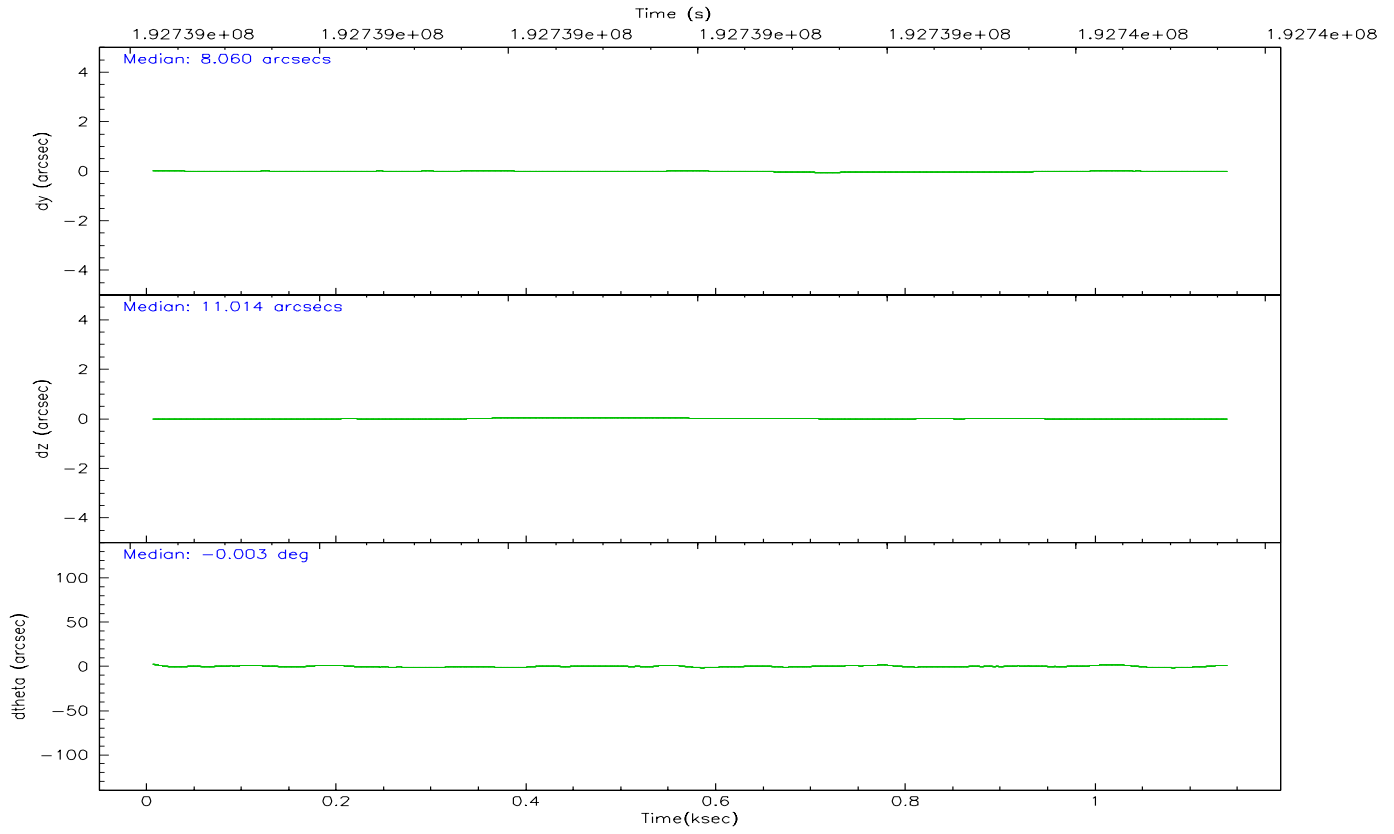
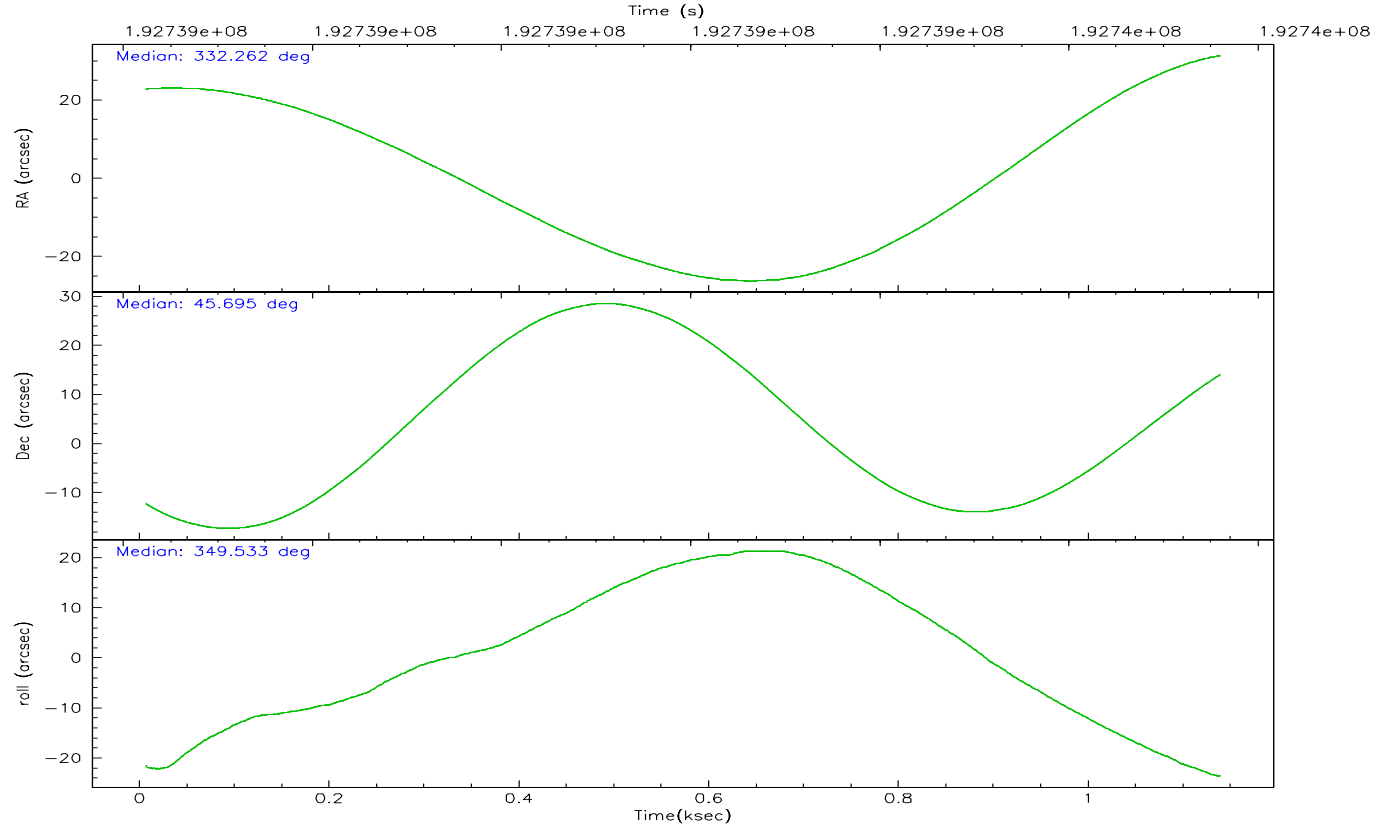
	segment 1	segment 2	segment 3
level 1 events	1087	72954	1075
rejected events	1087	25858	1075
rejected %	100%	35%	100%

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	332.223894	332.2618123510728			
Pointing Dec	45.685514	45.69553513636385			
Pointing Roll	349.496641	349.5368252017525			
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	192738817.184000	192738440.69783			
Observation start date	2004-02-09T18:32:33	2004-02-09T18:27:20			
Observation end time	192739763.184000	192739897.22289			
Observation end date	2004-02-09T18:48:19	2004-02-09T18:51:37			

2.3 Aspect



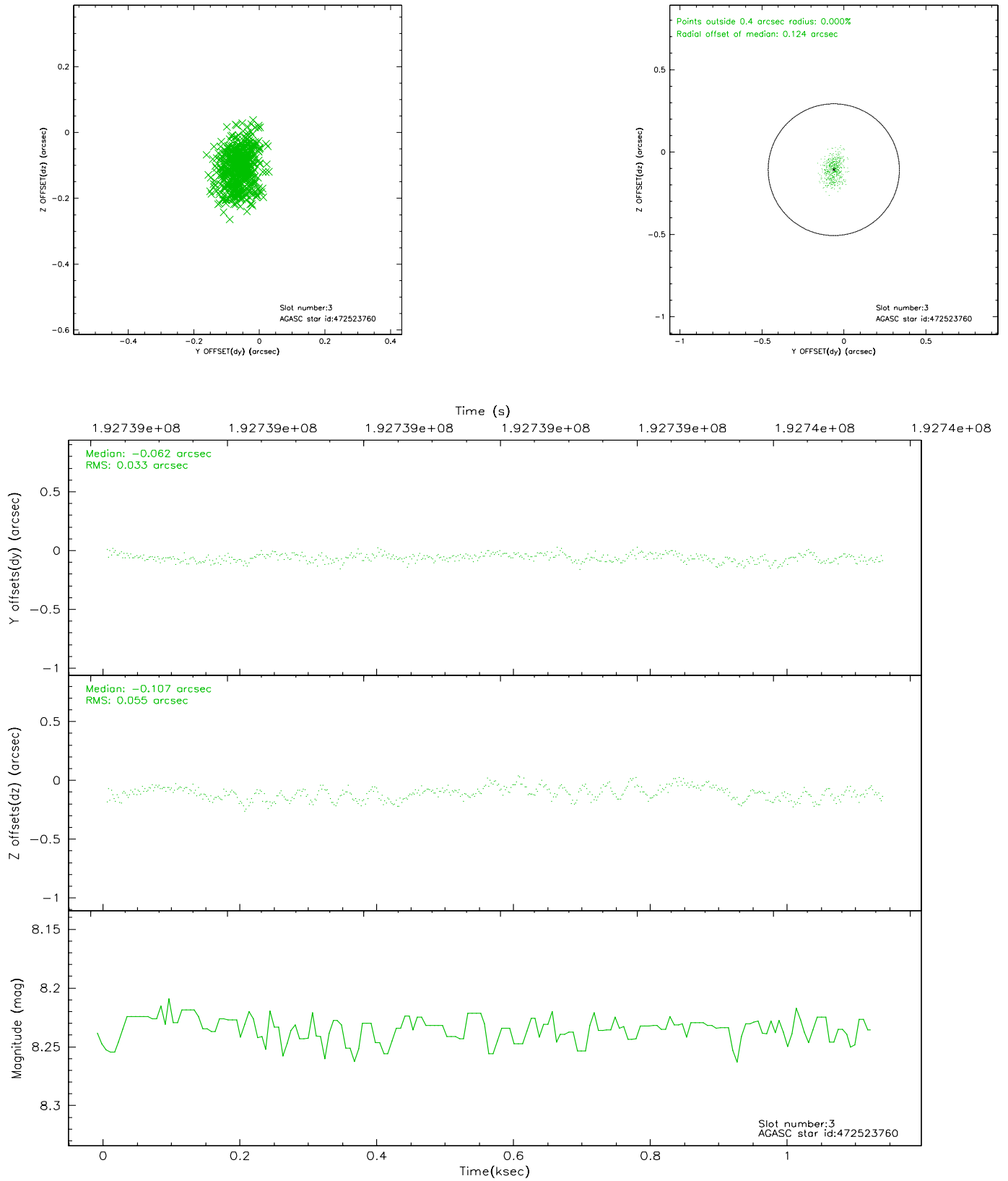


Slot Statistics

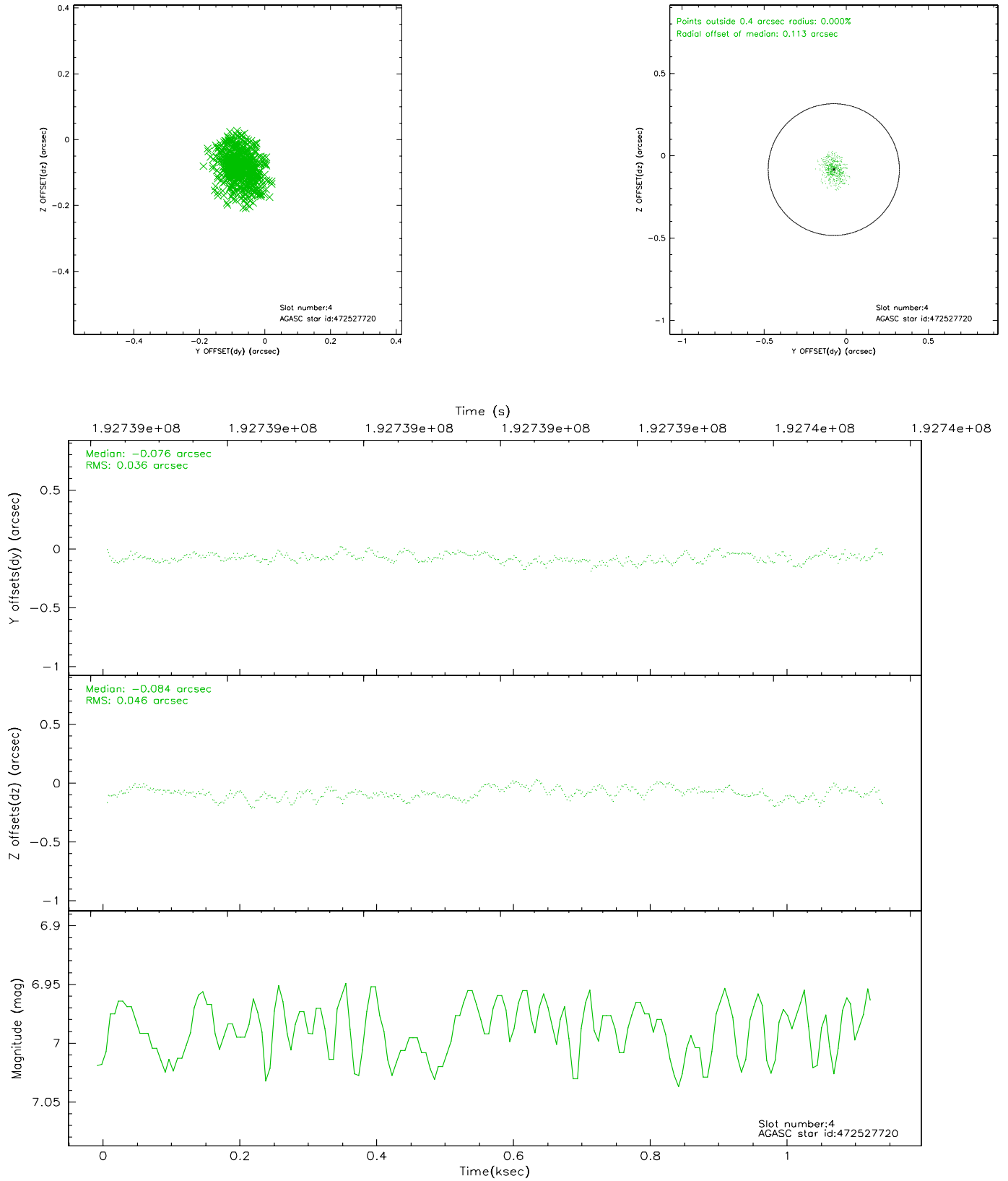
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.03	277	0.146	-0.166	0.007	0.011	0.000000	0.000000	-1162.21	-459.73
1	FID	HRC-S-2	7.02	277	0.130	-0.108	0.005	0.010	0.000000	0.000000	1233.25	-454.00
2	FID	HRC-S-3	7.04	277	0.113	-0.028	0.008	0.013	0.000000	0.000000	-1160.50	568.30
3	GUIDE	472523760	8.23	554	-0.062	-0.107	0.068	0.112	331.645363	45.403260	-1254.16	-1257.44
4	GUIDE	472527720	6.99	554	-0.076	-0.084	0.064	0.102	331.460205	45.112509	-1536.21	-2372.11
5	GUIDE	472533912	9.17	554	-0.038	0.037	0.105	0.170	331.791136	46.368695	-1509.51	2224.10
6	GUIDE	472655152	9.42	554	0.145	0.064	0.102	0.165	332.504239	45.862991	571.13	764.88
7	GUIDE	472659832	9.46	553	0.026	0.088	0.107	0.175	332.780399	46.098139	1094.66	1723.42

2.4 Star Slots

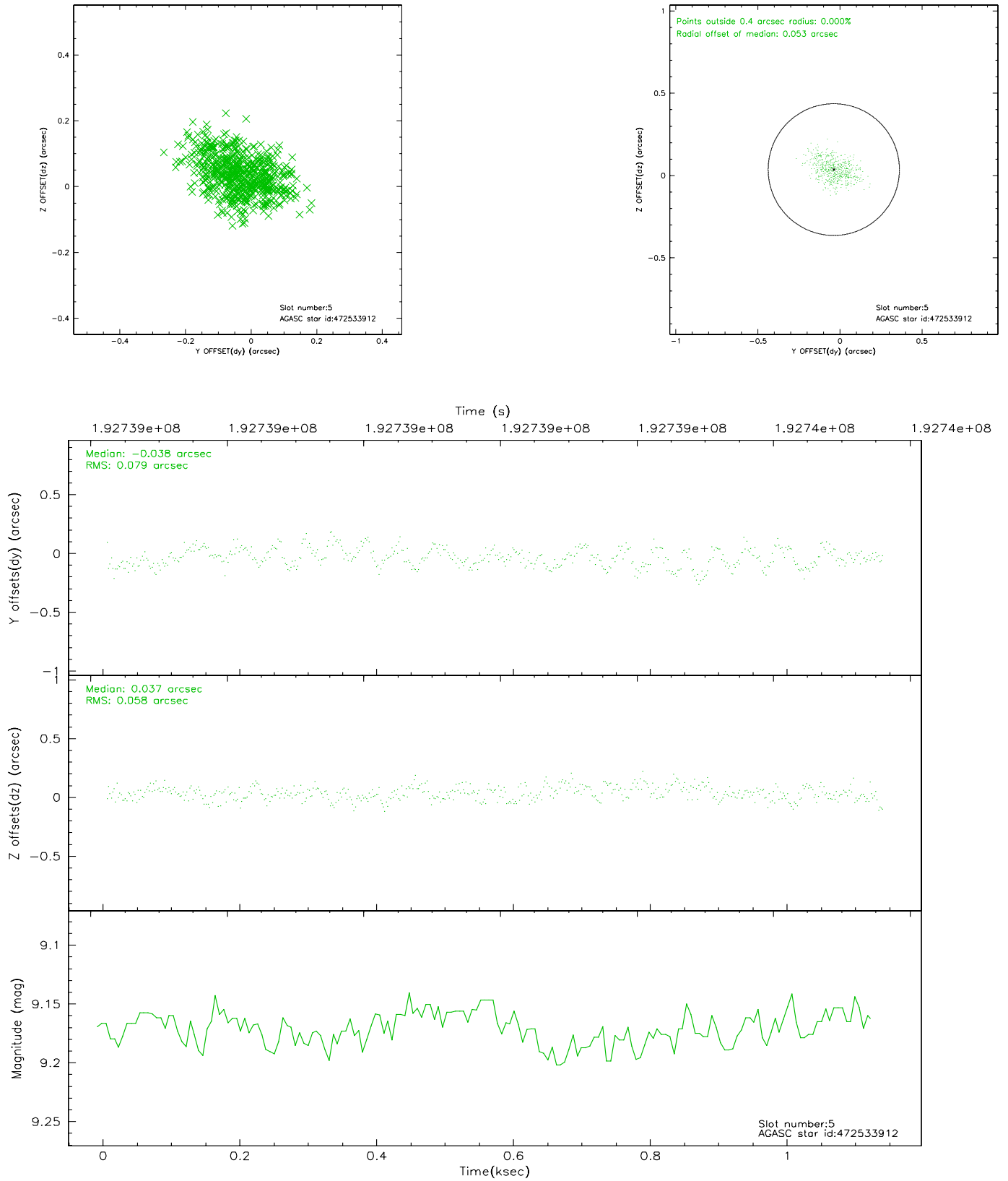
2.4.1 Slot 3



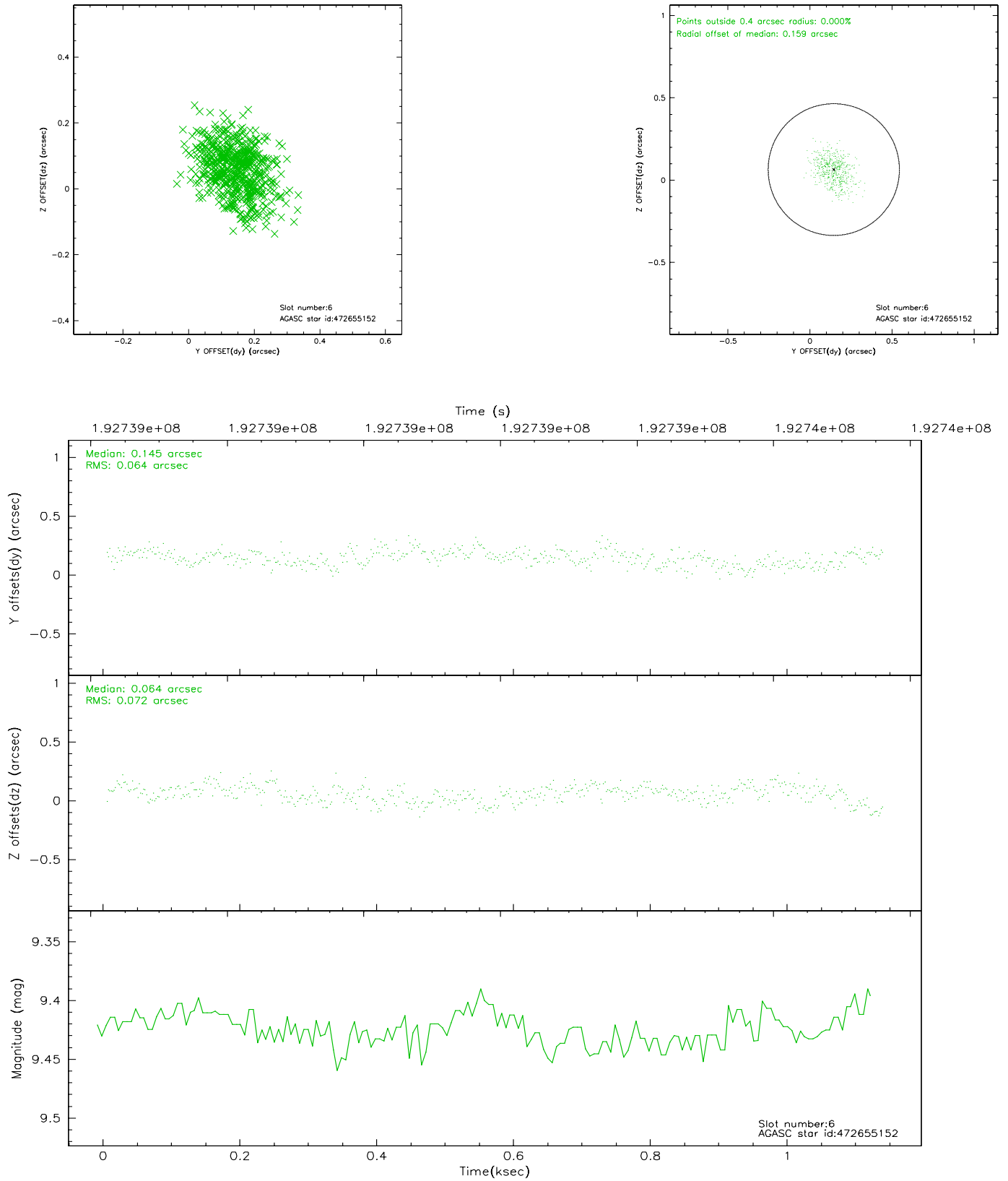
2.4.2 Slot 4



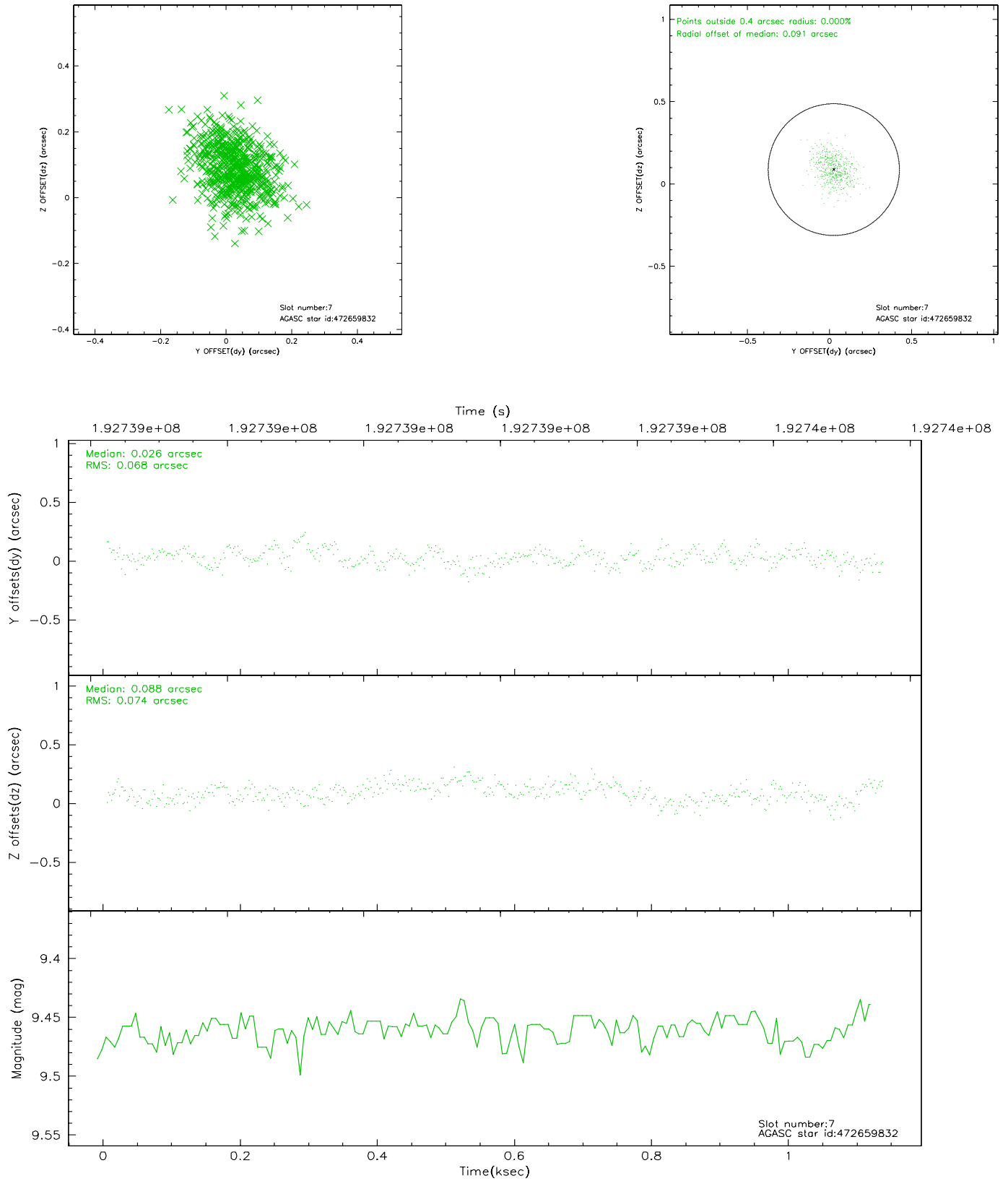
2.4.3 Slot 5



2.4.4 Slot 6

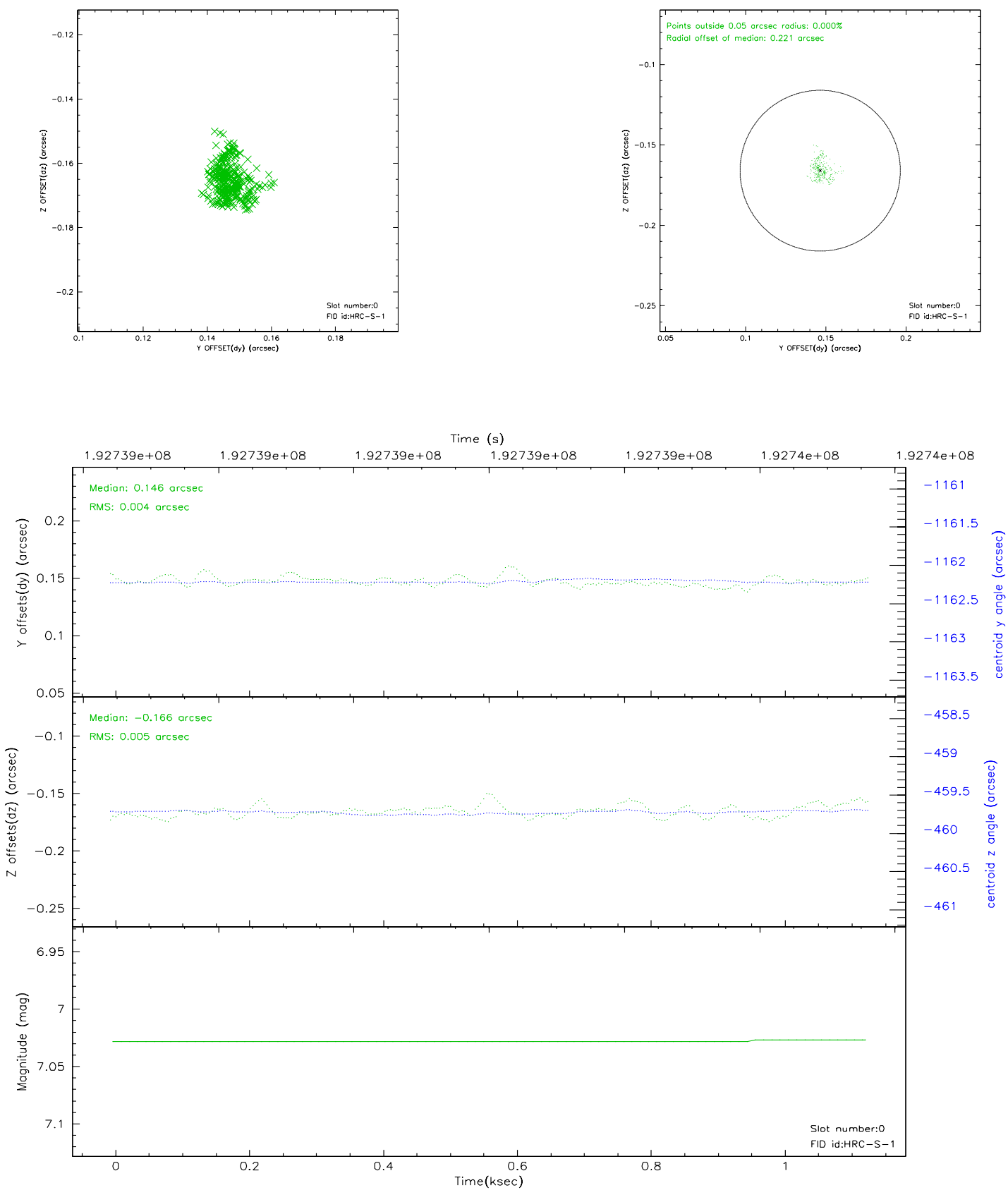


2.4.5 Slot 7

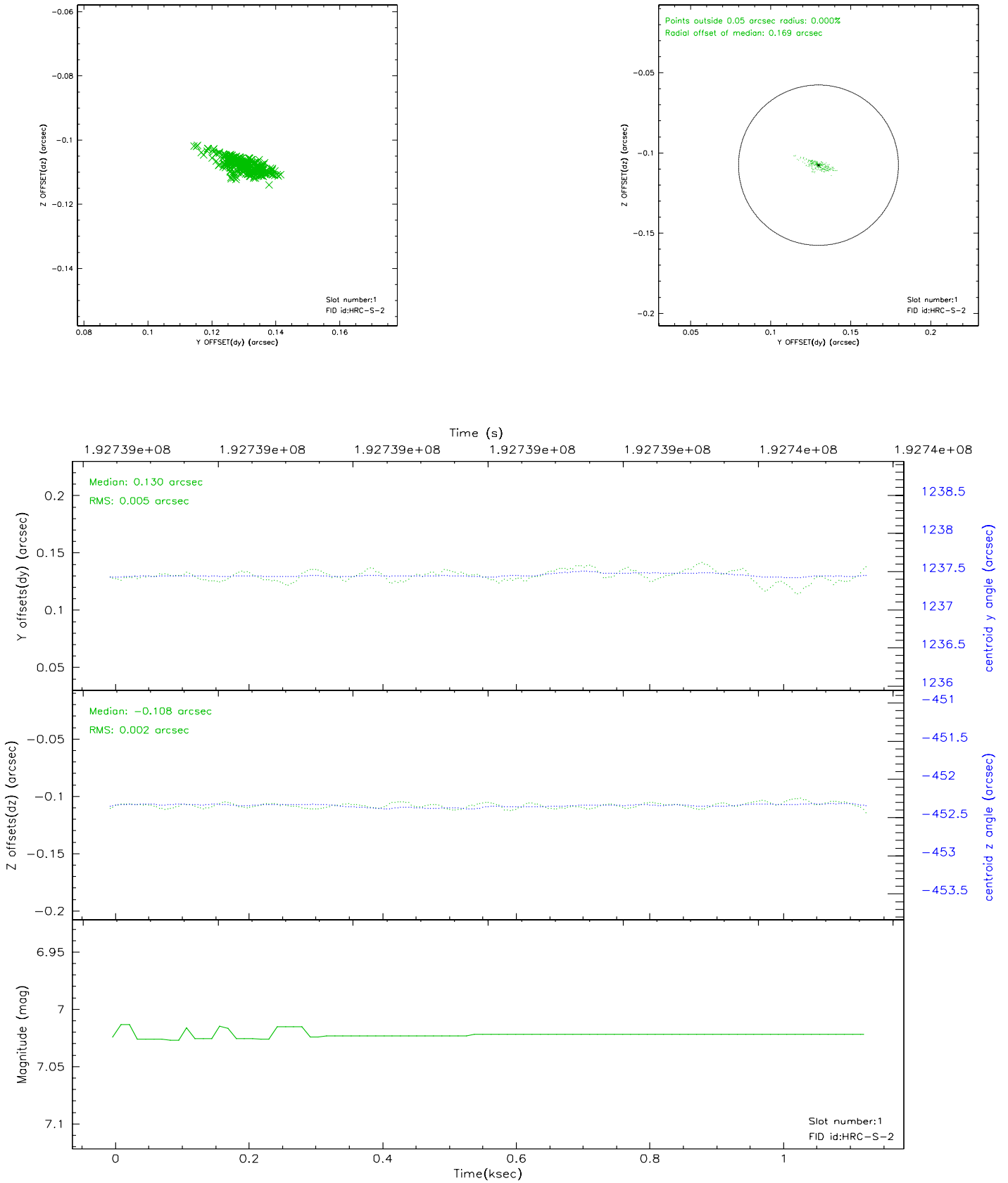


2.5 FID Slots

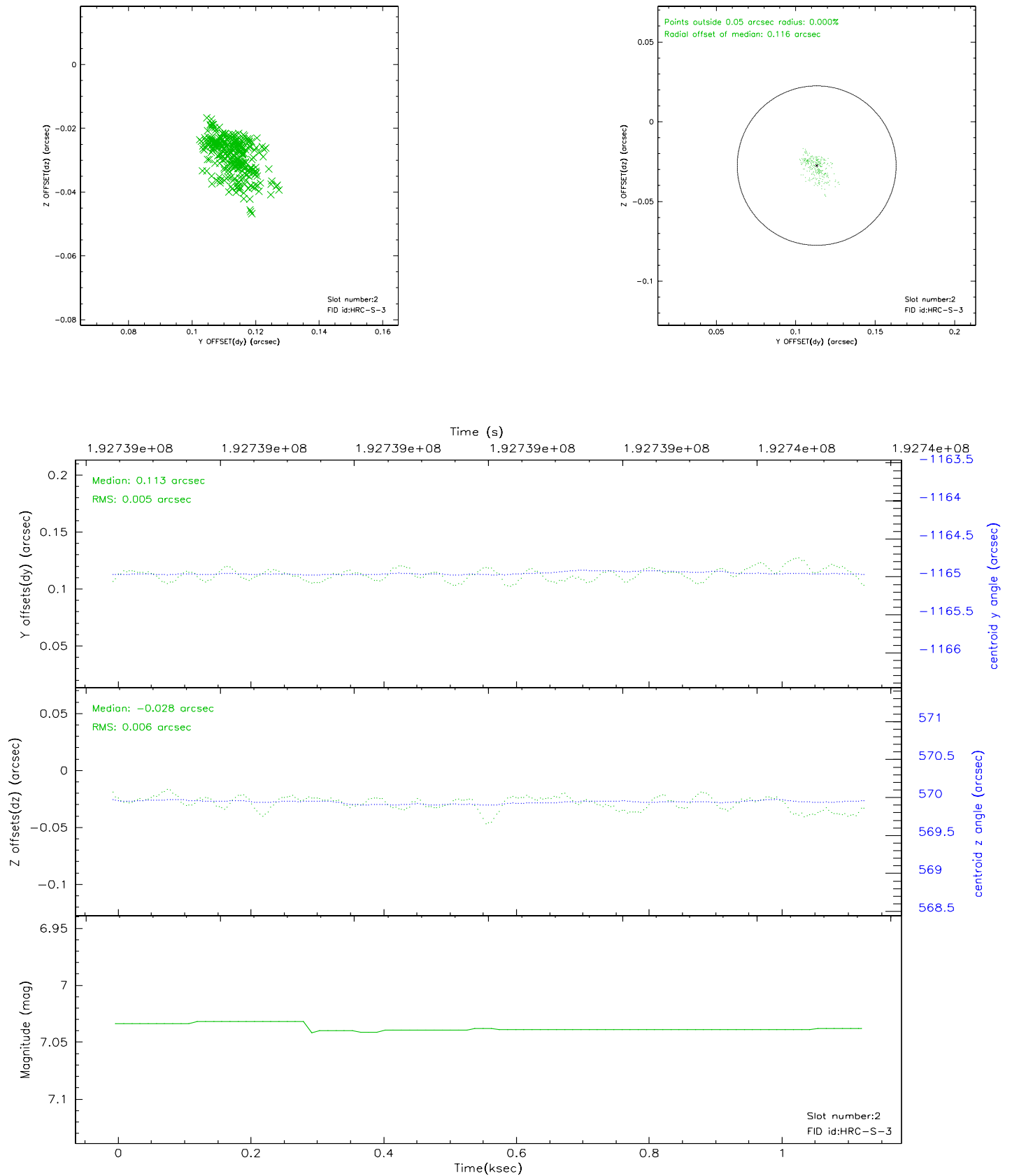
2.5.1 Slot 0



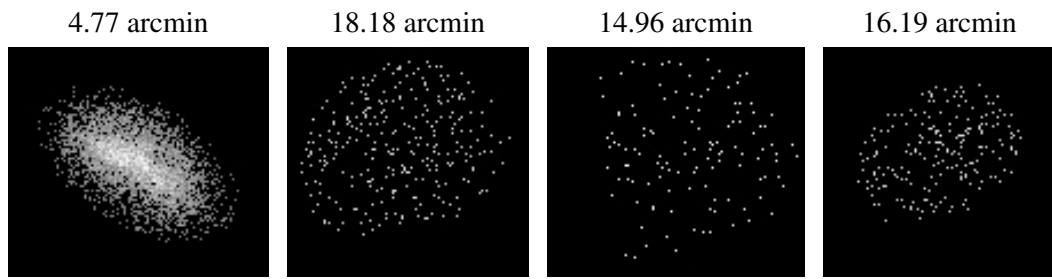
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Doug Morgan
V&V Date (YYYY-MM-DD)	2006.06.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.088

A.2 Comments