

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 5993 - L2 Version 3
Chandra X-Ray Center

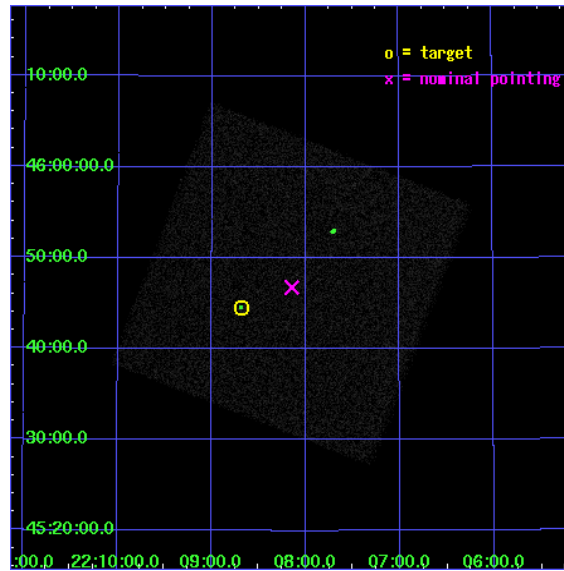
L2 Processing Date : Nov 24 2007

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1 Front

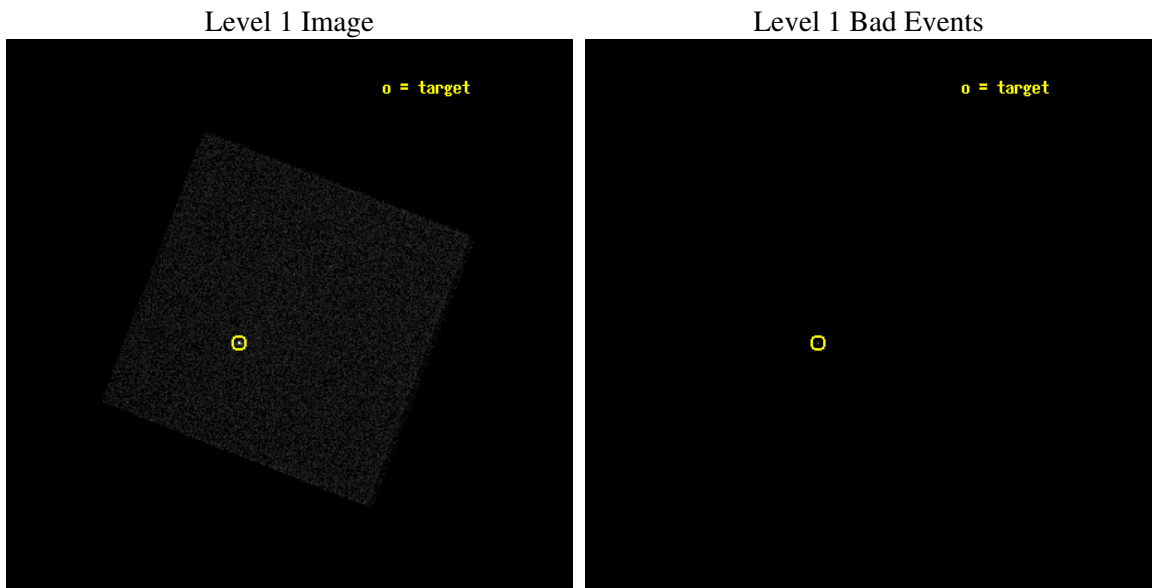
seq_num	290485
obs_id	5993
title	AO6 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain
observer	Dr. CXC Calibration
object	ArLac
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.03622020528
dec_nom	45.779675701171
roll_nom	246.19470333245
revision	3
ontime	1186.9500546753
livetime	1178.1218635105
l2events	49360



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0
ascdsver	7.6.11.2
caldbver	3.4.1
date	2007-11-24T18:33:08
revision	3

sched_exp_time	1000.000000
ontime	1186.9500546753
l1events	127361

2.1.3 Events

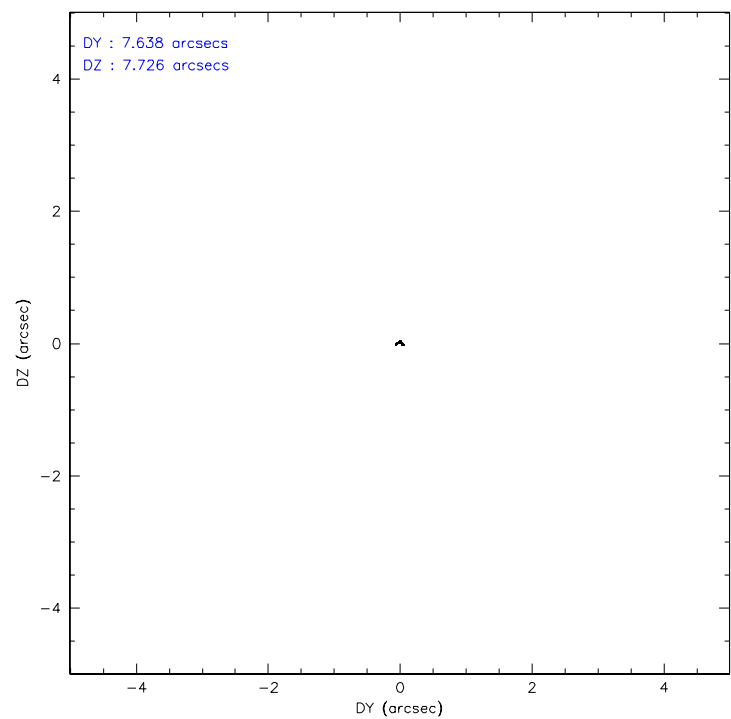
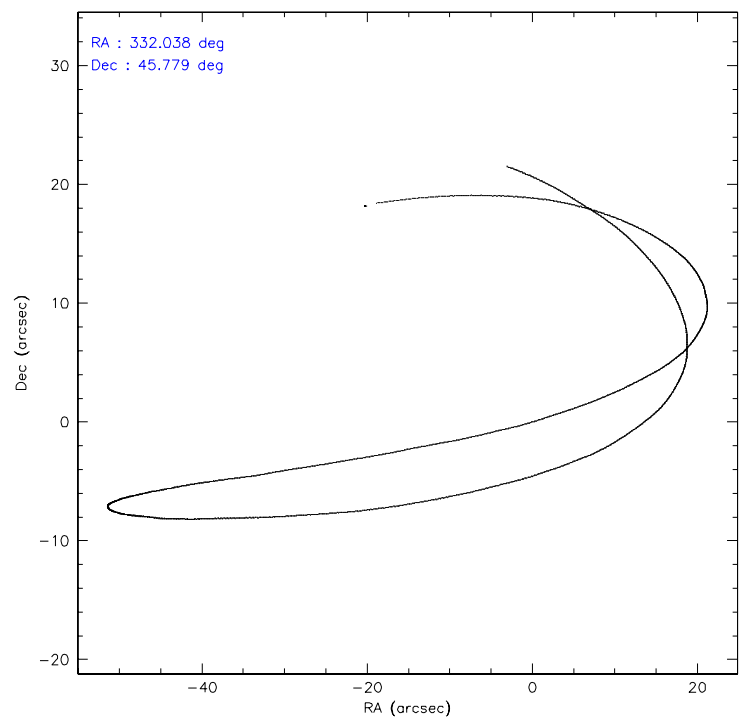
Level 1 Events

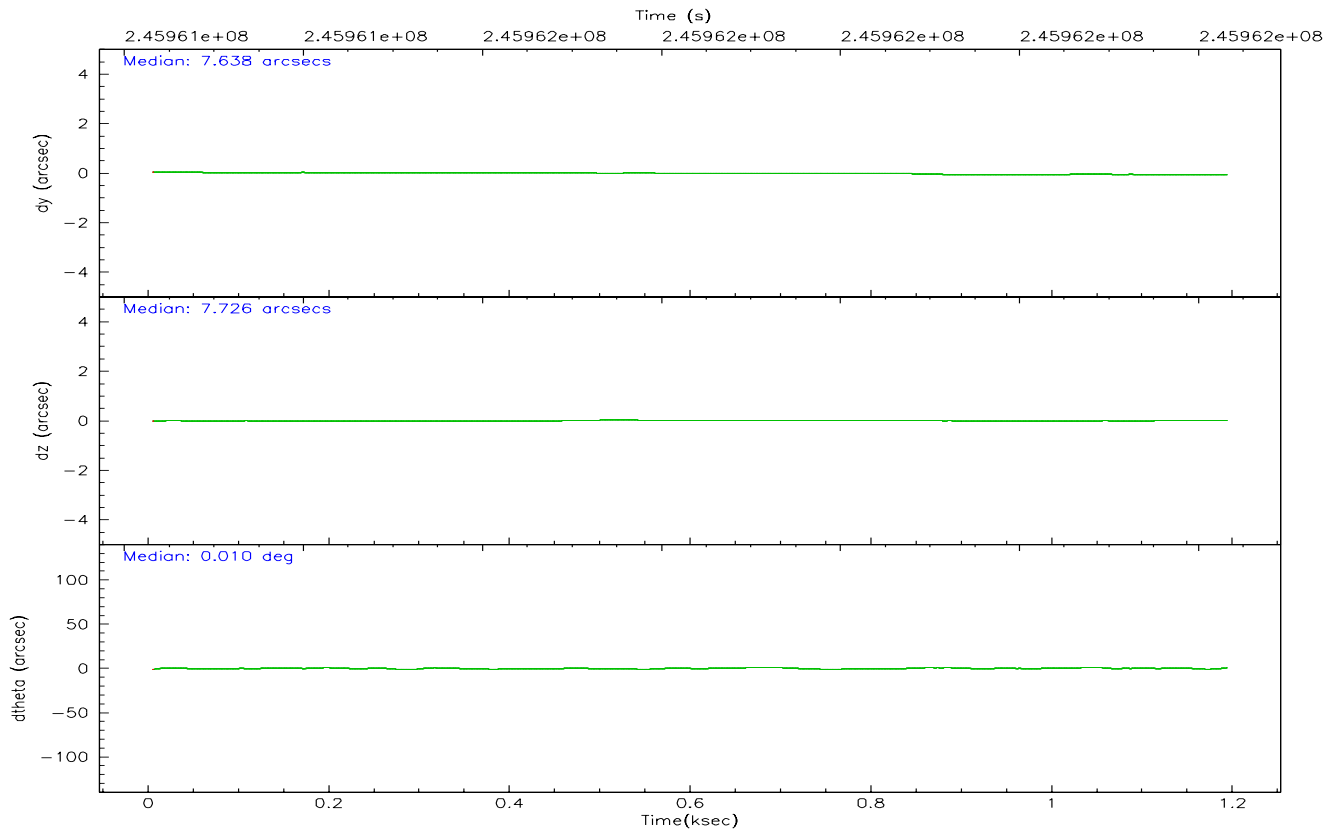
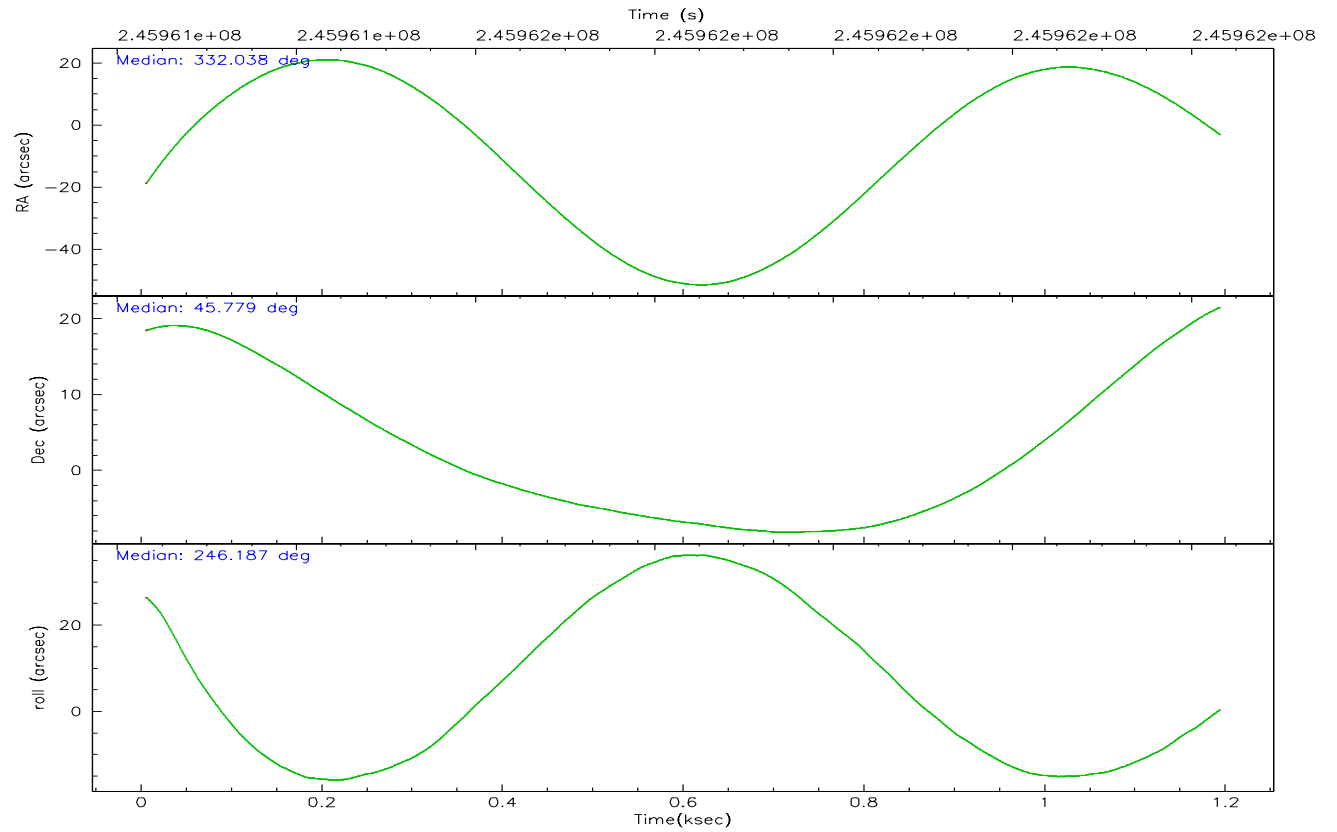
	segment 0
level 1 events	127361
rejected events	55030
rejected %	43%

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	332.029389	332.0362202052767			
Pointing Dec	45.806596	45.77967570117117			
Pointing Roll	246.294944	246.1947033324476			
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	245961426.184000	245960358.59066			
Observation start date	2005-10-17T18:36:02	2005-10-17T18:19:18			
Observation end time	245962426.184000	245963228.5908			
Observation end date	2005-10-17T18:52:42	2005-10-17T19:07:08			

2.3 Aspect



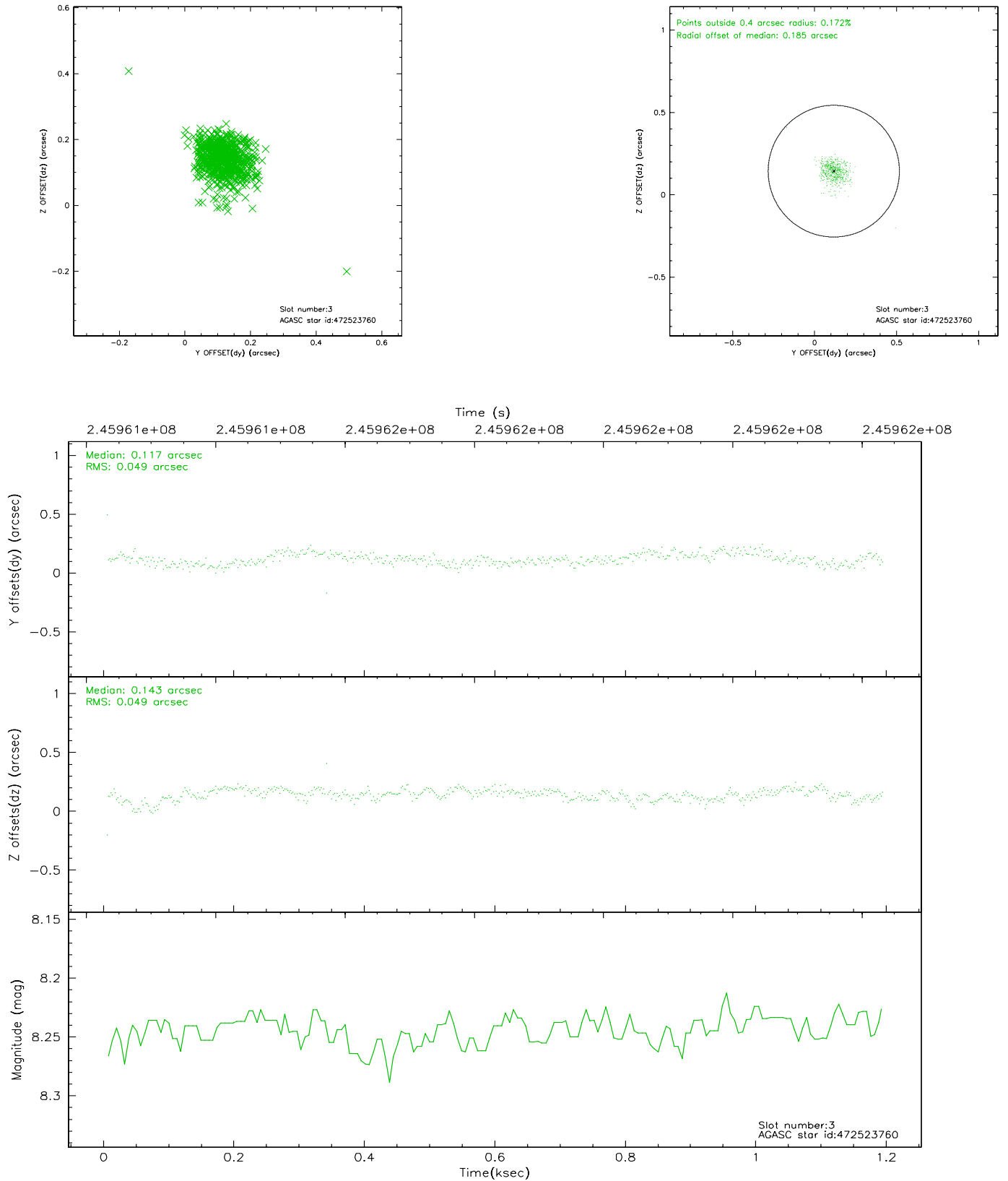


Slot Statistics

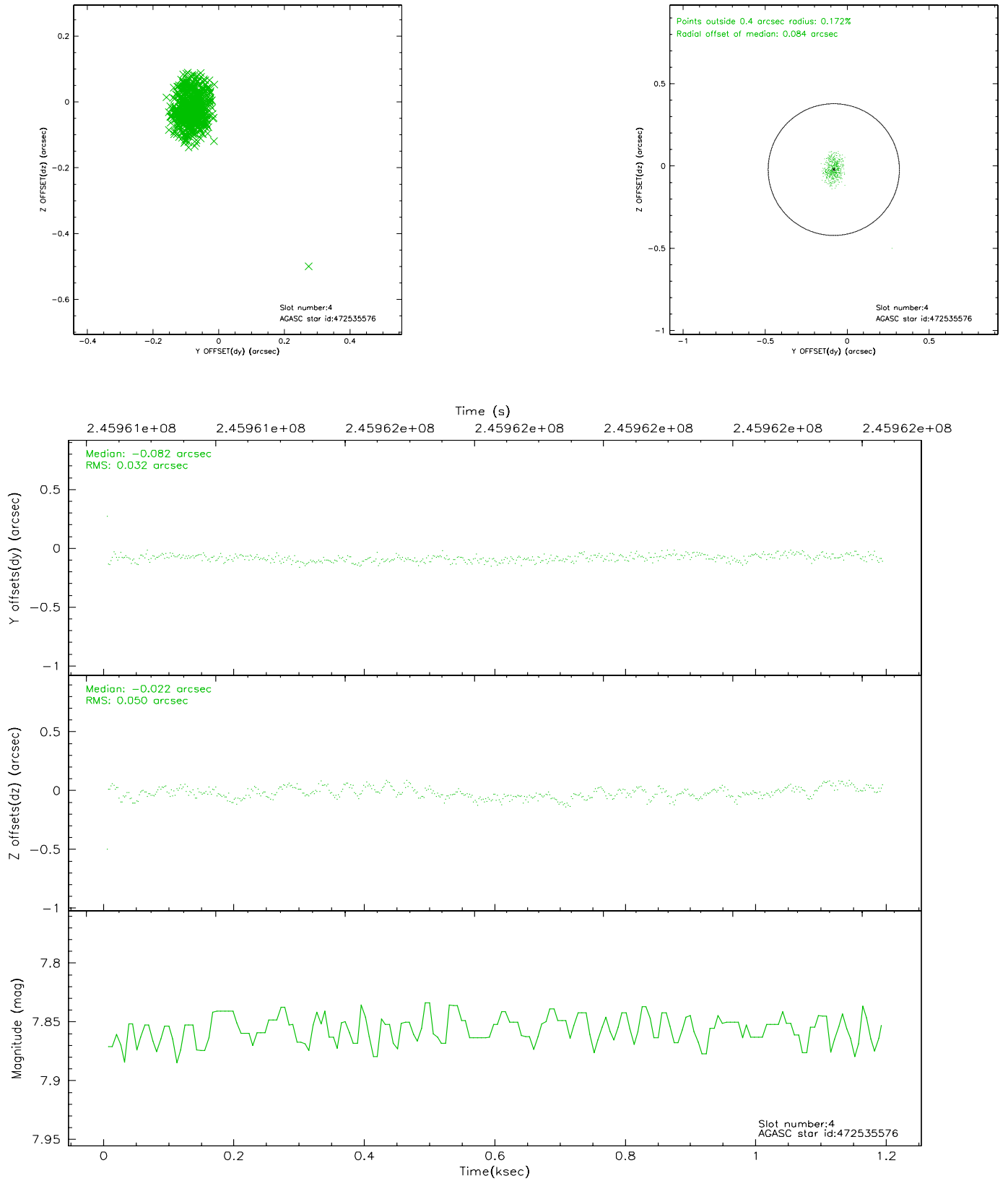
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.03	291	-0.012	0.029	0.007	0.011	0.000000	0.000000	-763.27	-1295.55
1	FID	HRC-I-2	7.06	291	0.169	-0.130	0.006	0.009	0.000000	0.000000	846.92	-1301.77
2	FID	HRC-I-3	7.11	291	-0.038	0.012	0.006	0.012	0.000000	0.000000	-1188.83	1004.53
3	GUIDE	472523760	8.24	581	0.117	0.143	0.068	0.113	331.645363	45.403260	1719.59	-309.47
4	GUIDE	472535576	7.86	581	-0.082	-0.022	0.058	0.094	331.438373	46.291802	-1008.46	-2055.03
5	GUIDE	472536328	8.11	581	-0.134	-0.002	0.073	0.128	331.496671	46.454831	-1609.55	-2157.26
6	GUIDE	472655152	9.43	581	0.064	0.008	0.099	0.165	332.504239	45.862991	-668.71	999.44
7	GUIDE	472665256	9.02	579	0.037	-0.141	0.084	0.136	332.808125	46.195041	-2068.75	1208.42

2.4 Star Slots

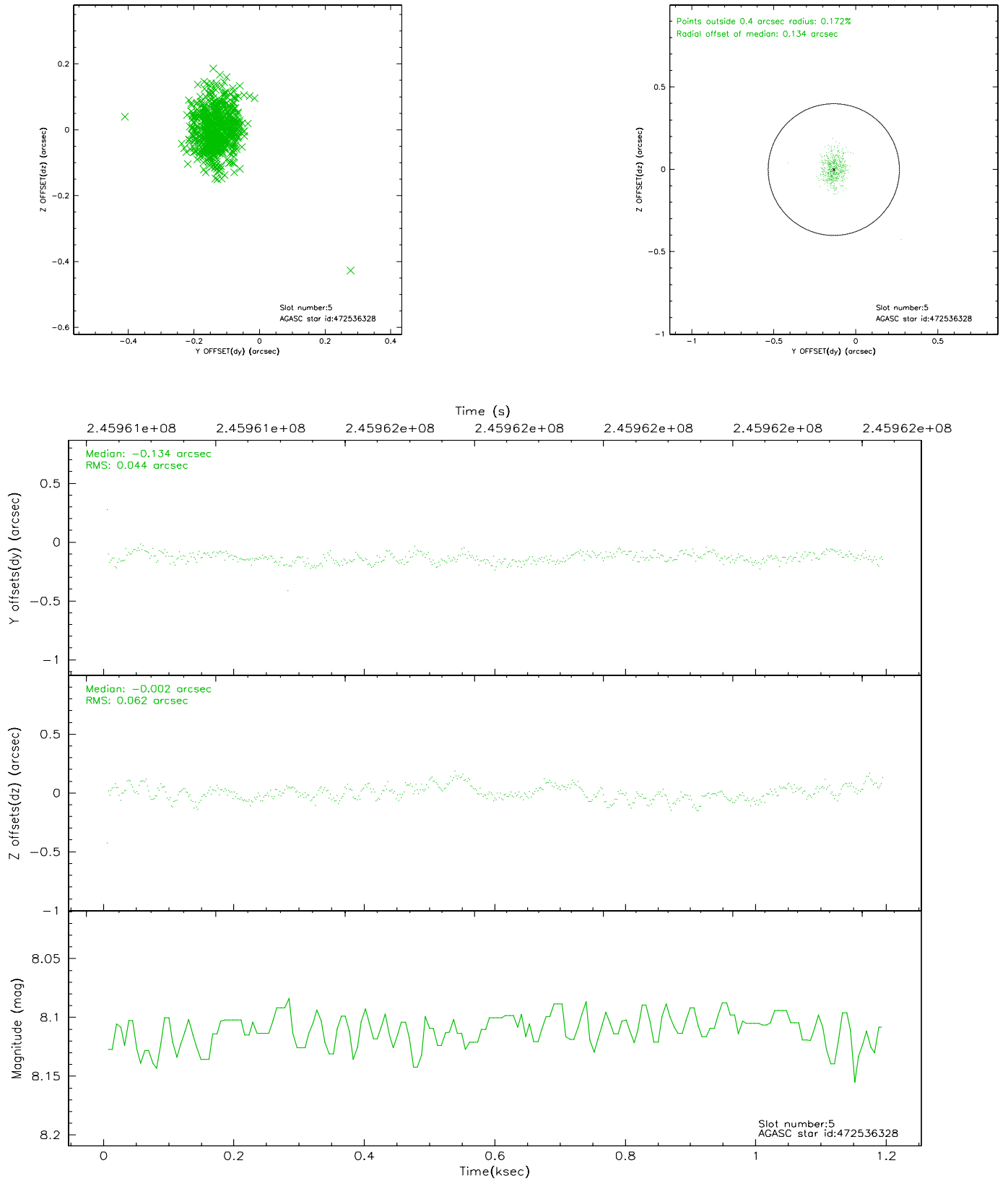
2.4.1 Slot 3



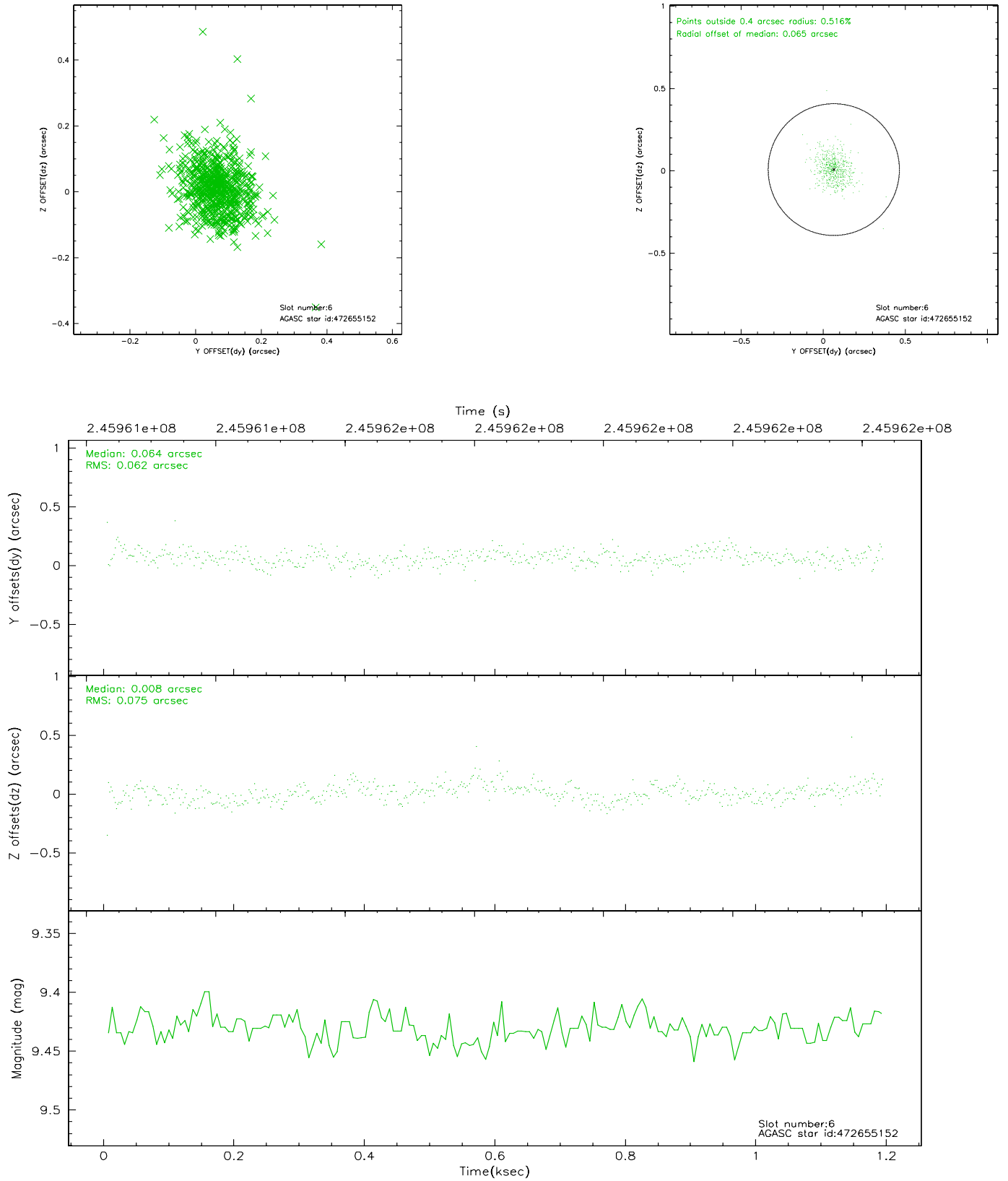
2.4.2 Slot 4



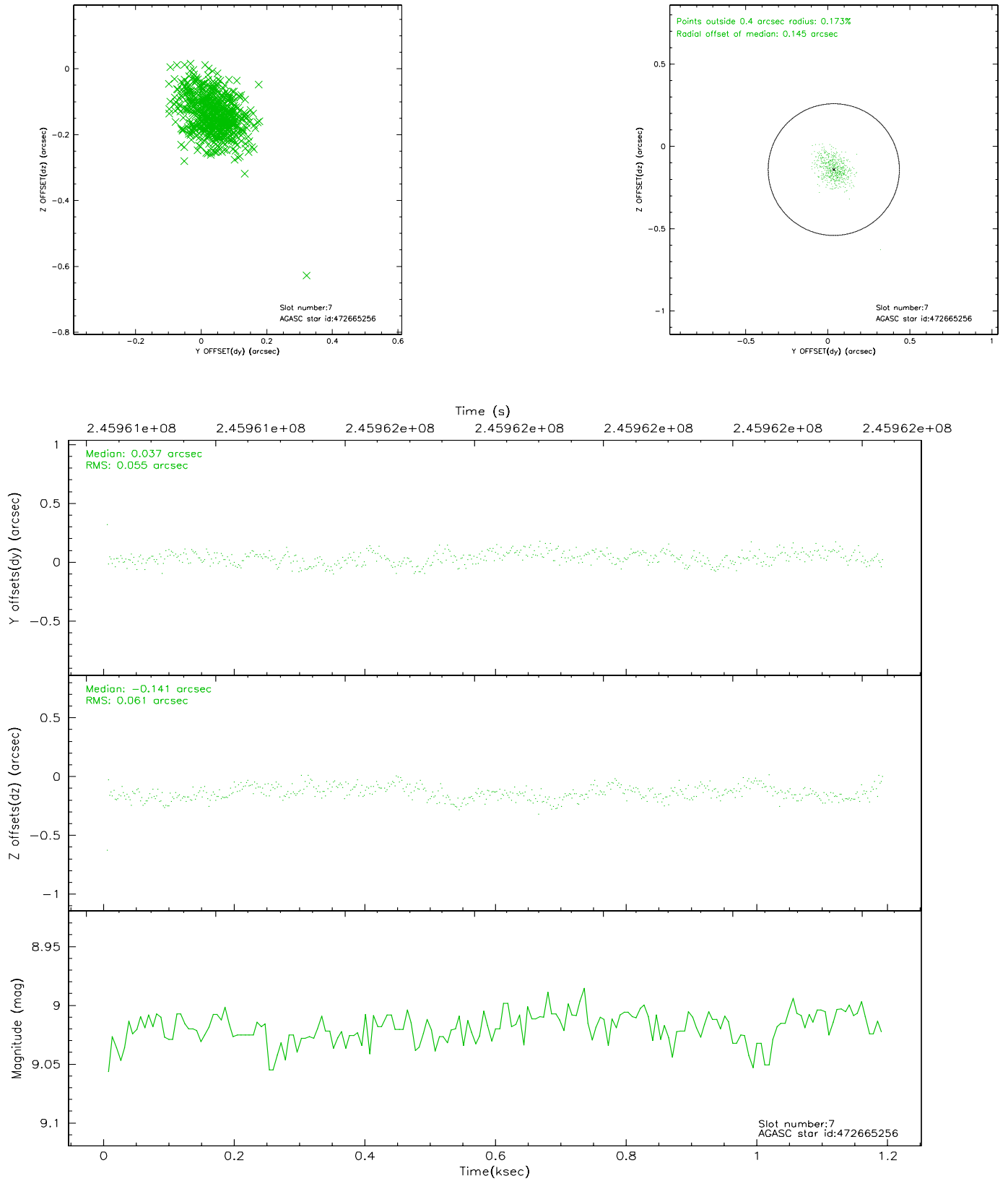
2.4.3 Slot 5



2.4.4 Slot 6

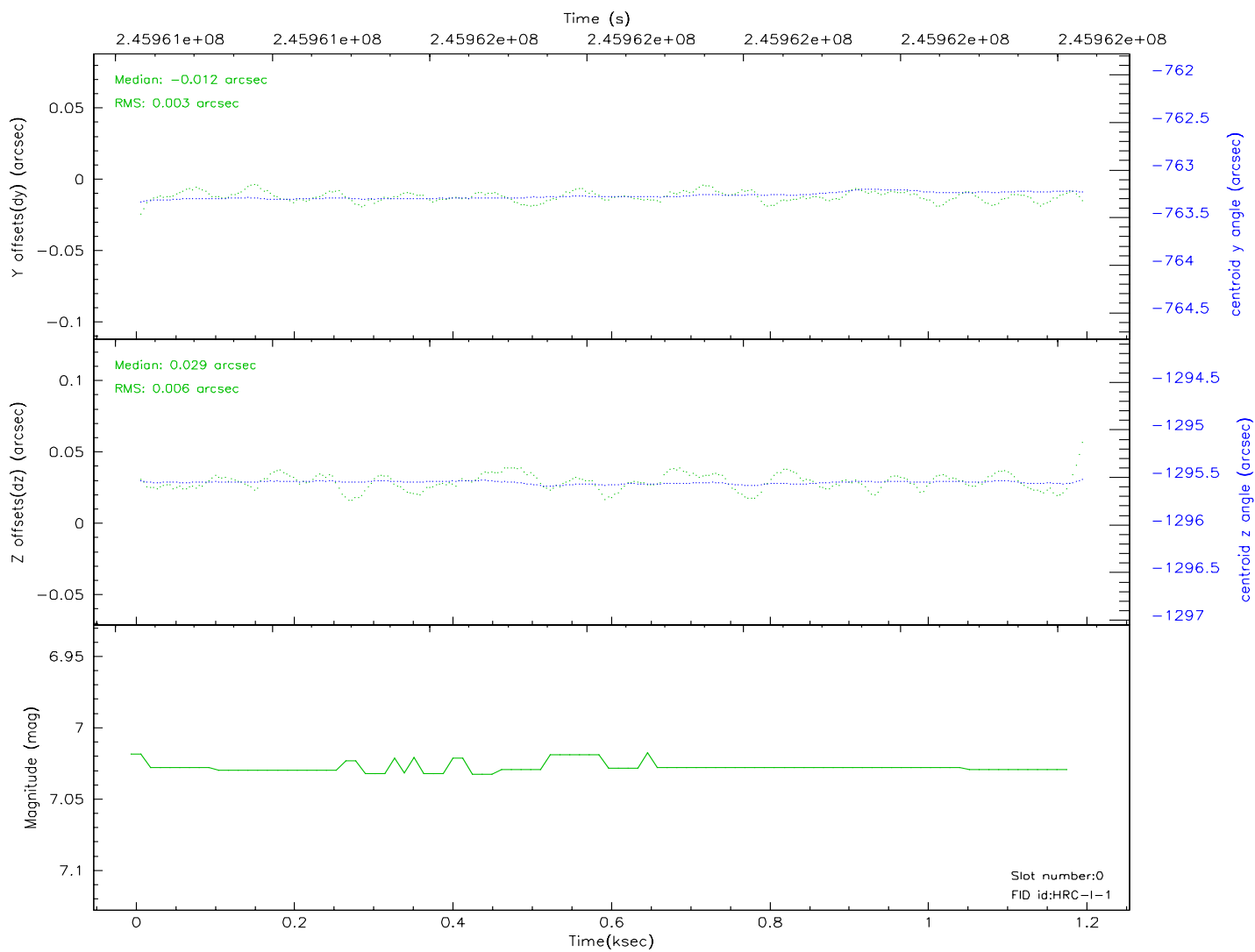
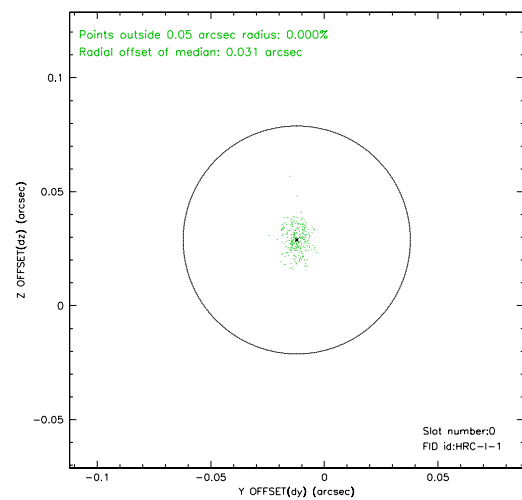
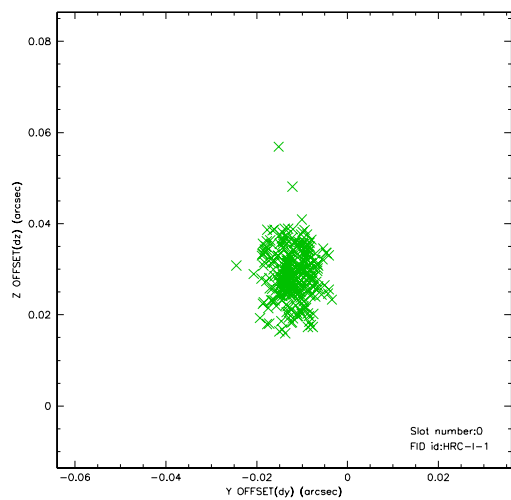


2.4.5 Slot 7

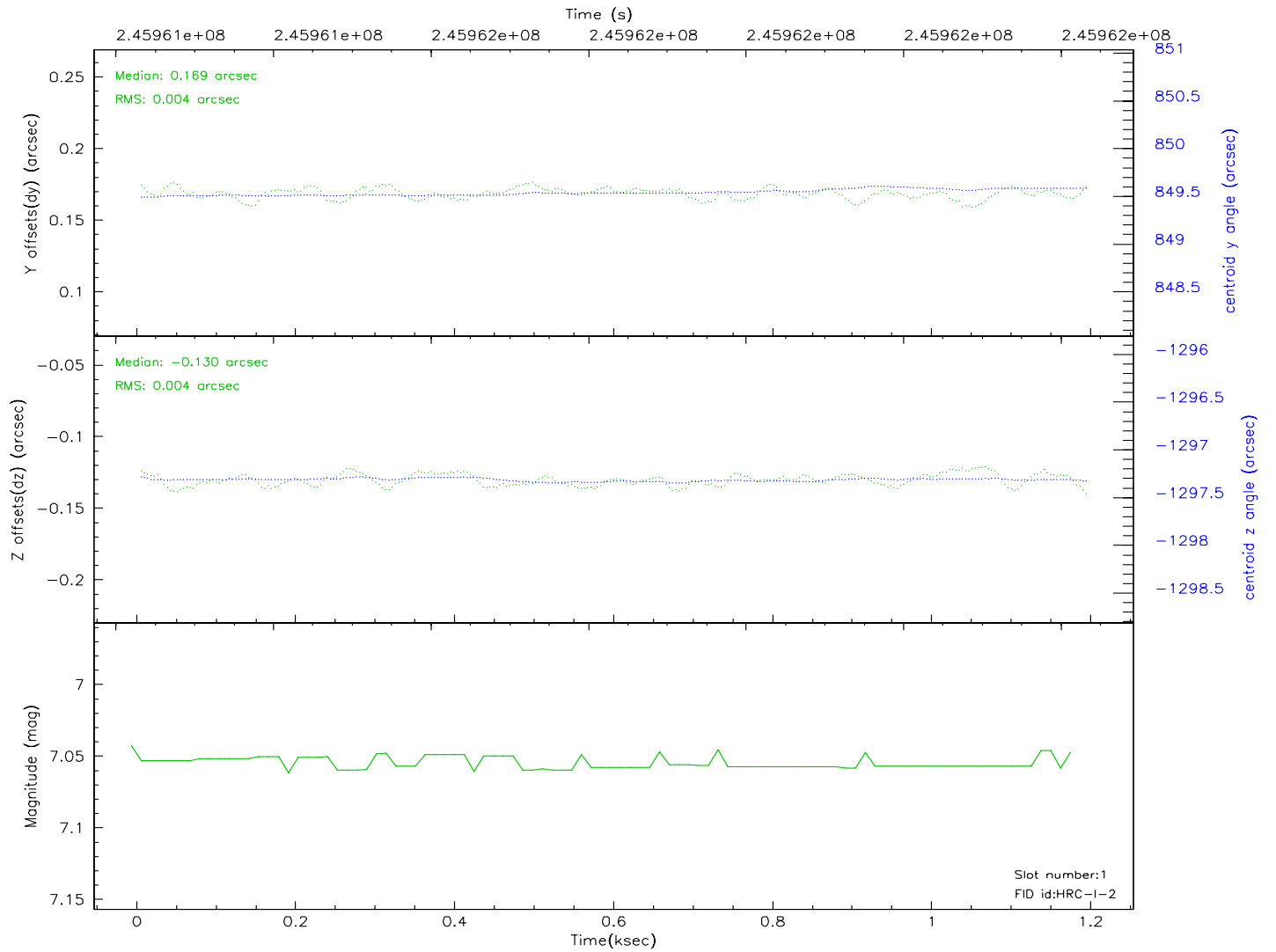
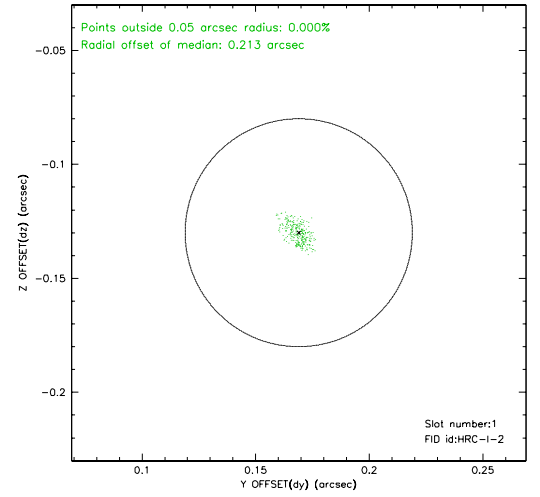
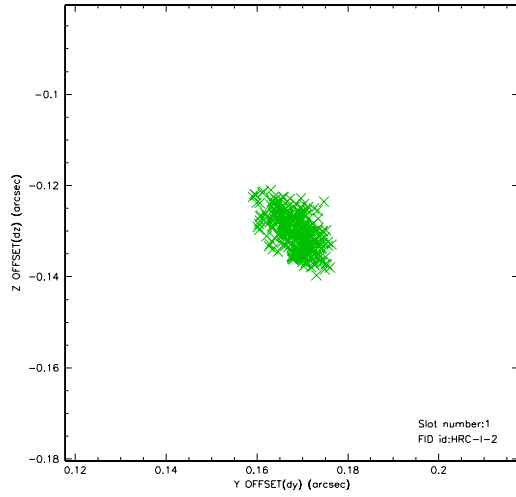


2.5 FID Slots

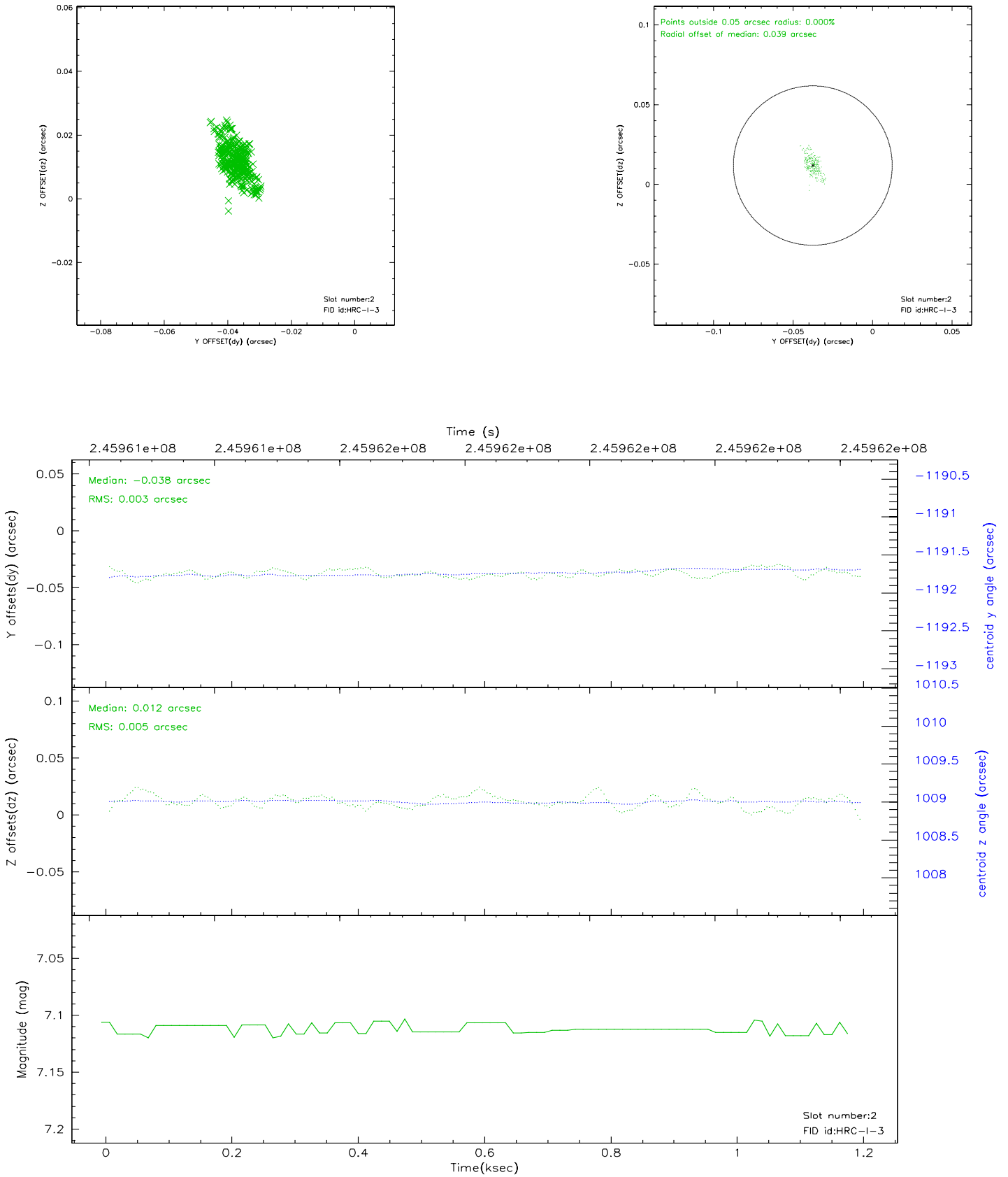
2.5.1 Slot 0



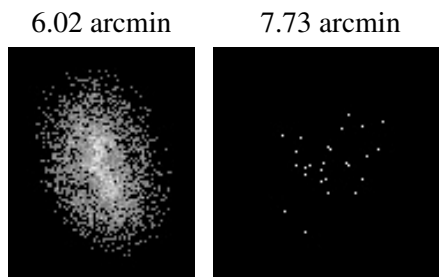
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.12.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.18695

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.