

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 2361 - L2 Version 5
Chandra X-Ray Center

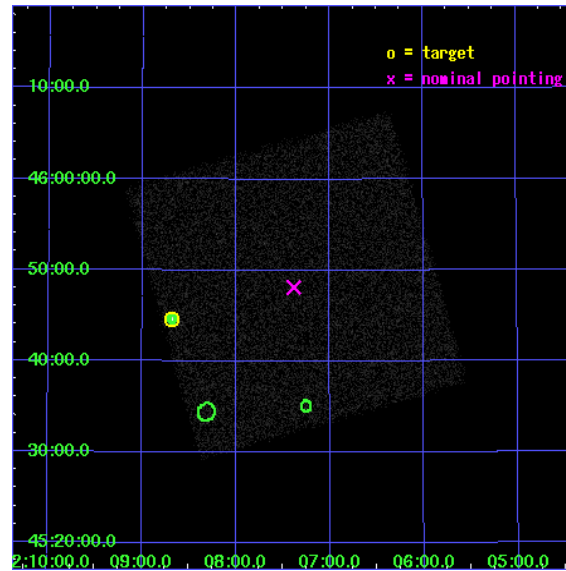
L2 Processing Date : Nov 21 2007

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1 Front

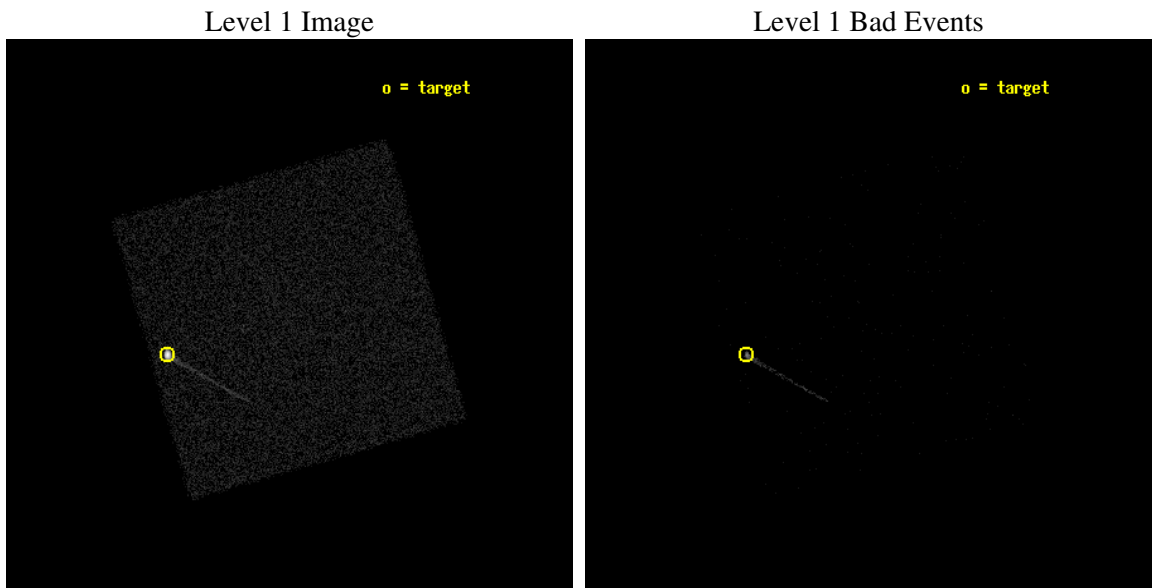
seq_num	290108
obs_id	2361
title	HRC-I CALIBRATION OBSERVATIONS OF ARLAC
observer	Dr. CXC Calibration
object	ARLAC,HRC-I,AO2A
ra_targ	332.17
dec_targ	45.742306
ra_nom	331.84544930014
dec_nom	45.802213056847
roll_nom	299.03144883332
revision	5
ontime	1190.2812955081
livetime	1184.5326665888
l2events	32916



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	2007-11-21T06:10:09
revision	4

sched_exp_time	1000.000000
ontime	1190.2812955081
l1events	58503

2.1.3 Events

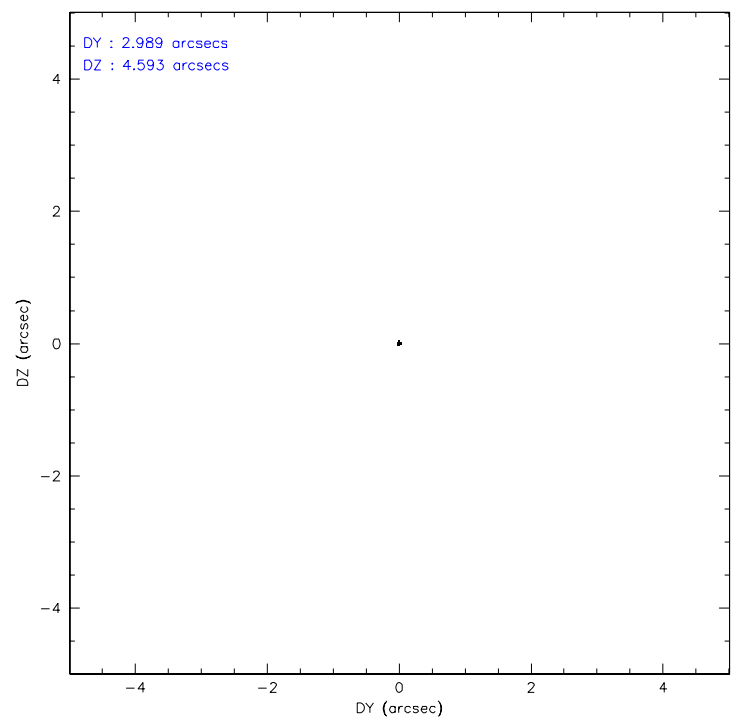
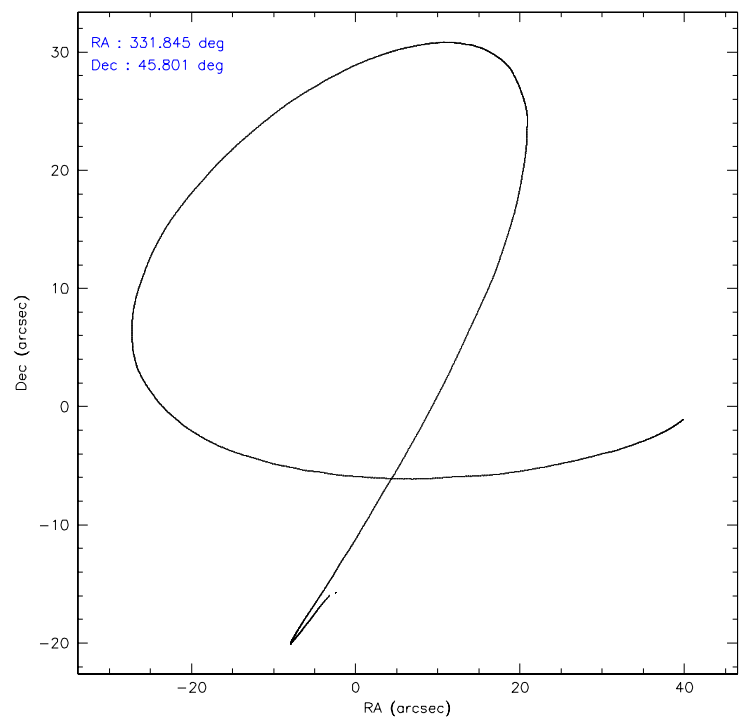
Level 1 Events

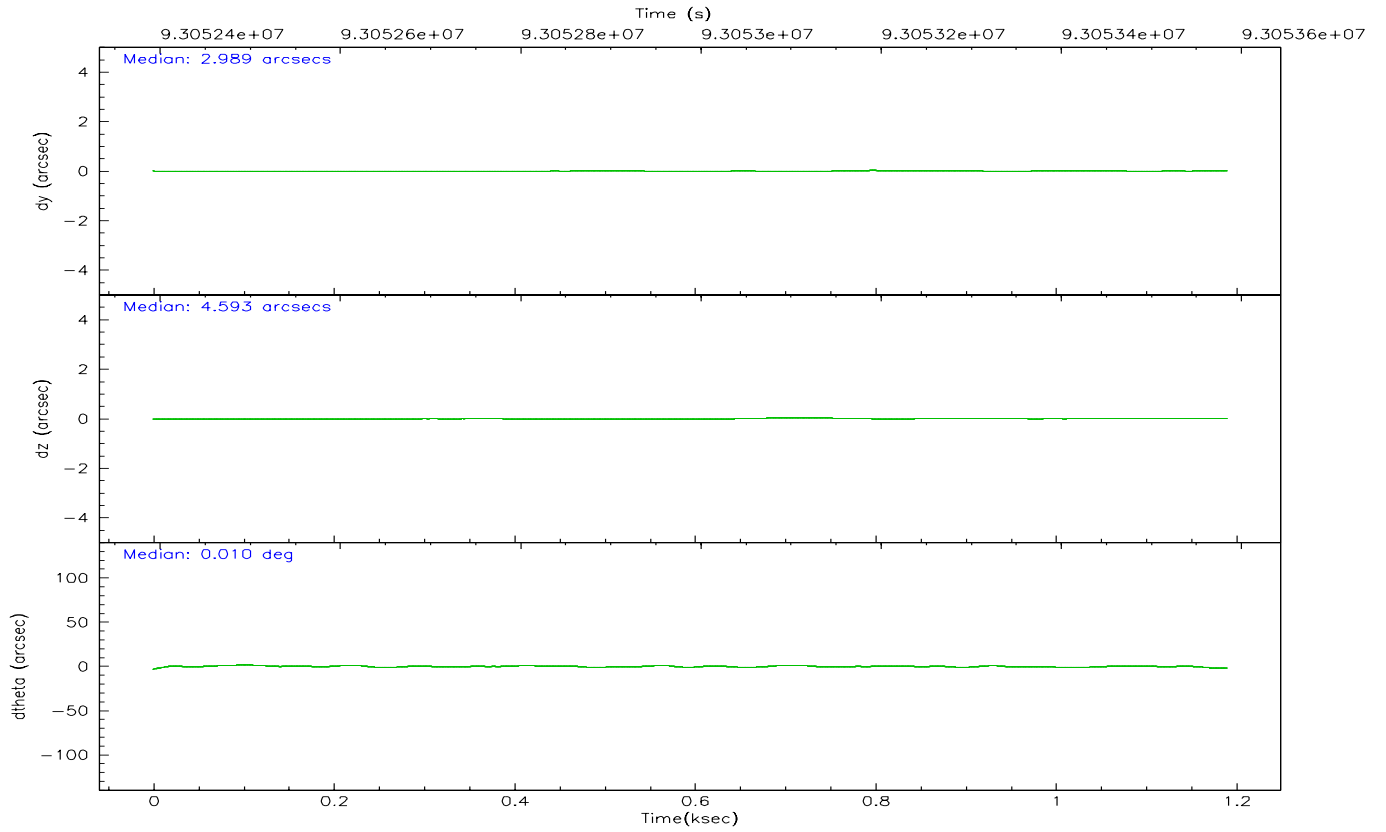
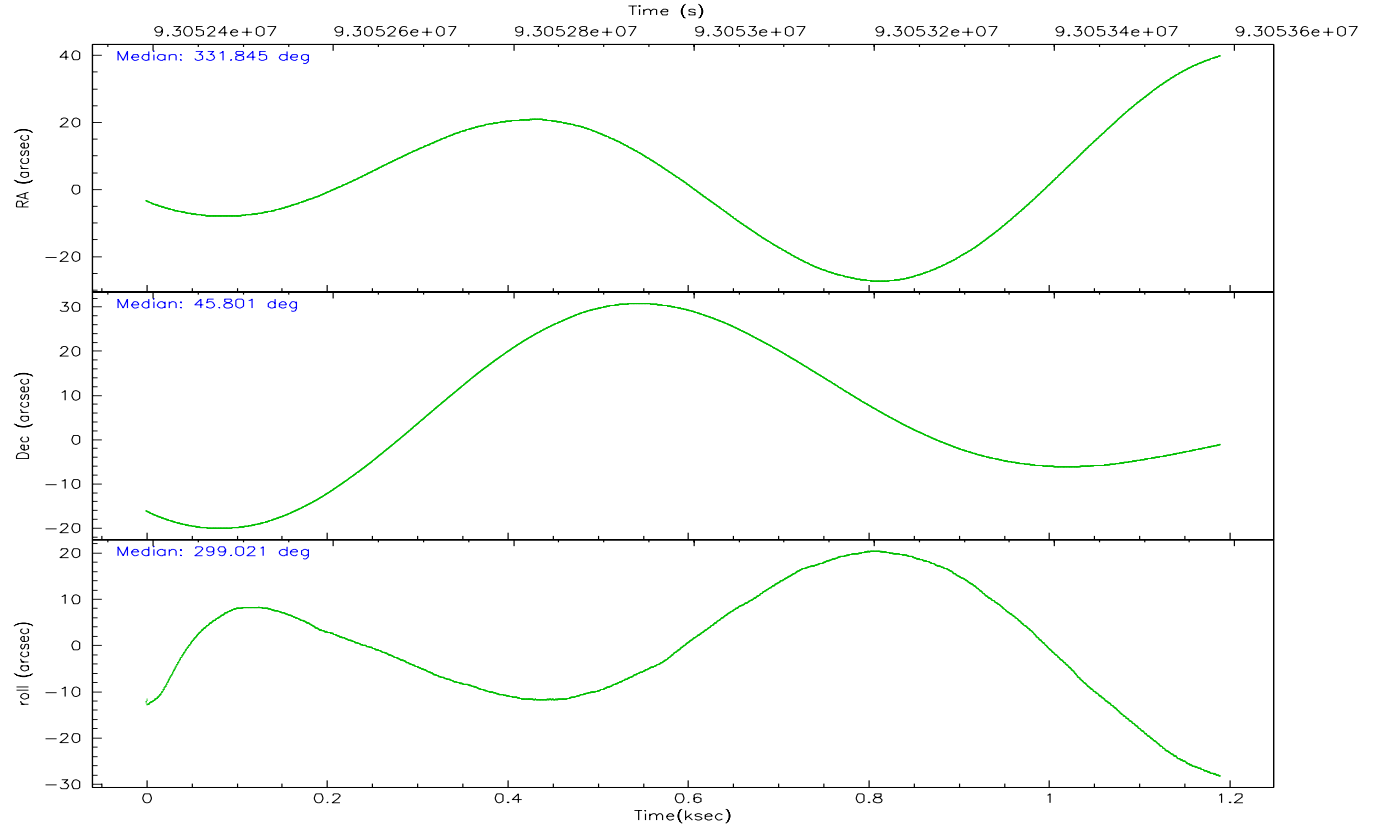
	segment 0
level 1 events	58503
rejected events	12331
rejected %	21%

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	331.812004	331.8454493001396			
Pointing Dec	45.816481	45.80221305684728			
Pointing Roll	299.150973	299.0314488333232			
SIM focus pos (mm)	-1.040293	-1.038866356238299			
SIM defocus (mm)	0	0.001426264420575141			
SIM translation stage pos (mm)	126.985494	126.9854943052878			
SIM translation stage offset (mm)	0	-5.413686238853188e-06			
Observation start time	93052581.184000	93052205.113435			
Observation start date	2000-12-12T23:55:17	2000-12-12T23:50:05			
Observation end time	93053581.184000	93053714.938493			
Observation end date	2000-12-13T00:11:57	2000-12-13T00:15:14			

2.3 Aspect



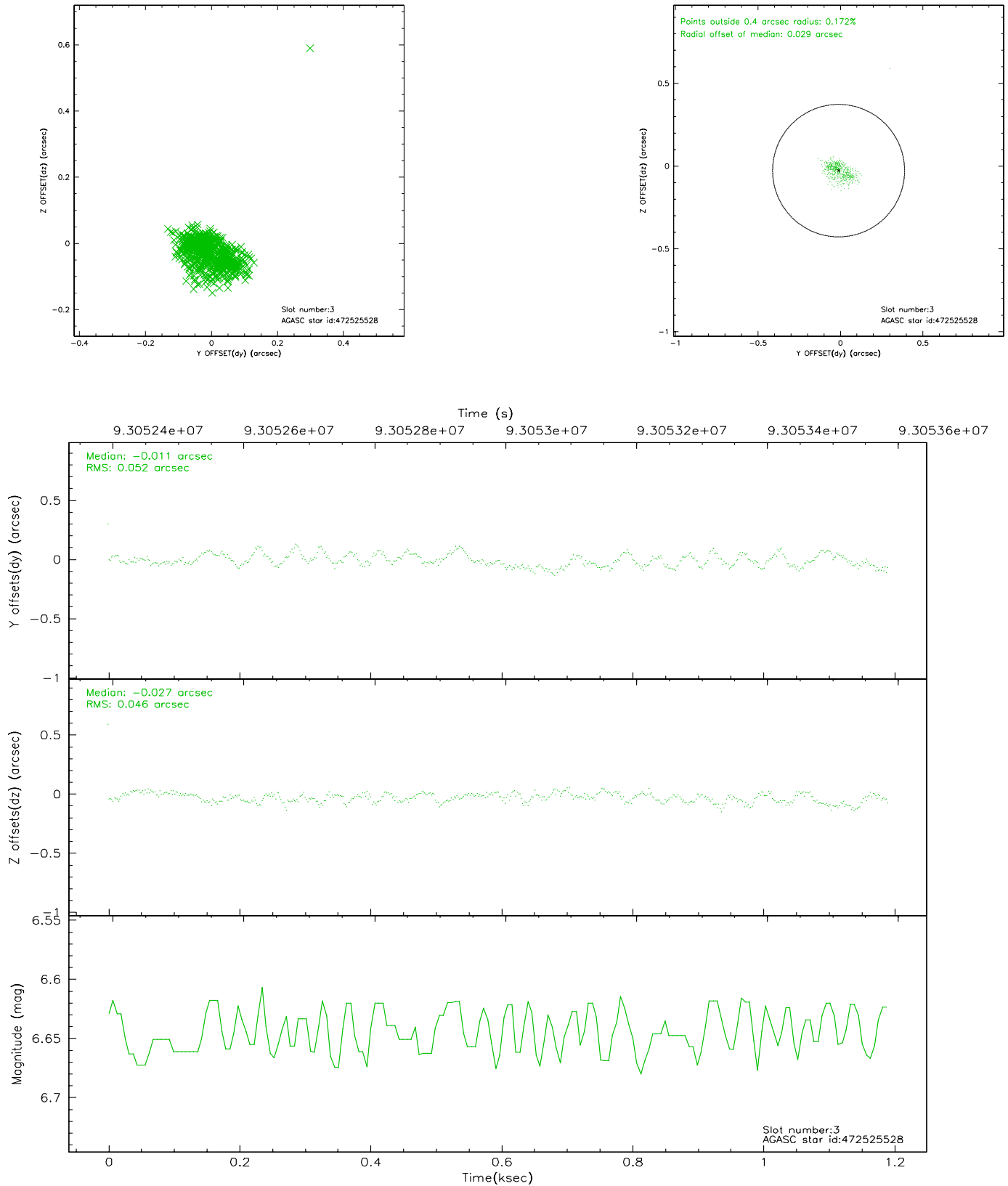


Slot Statistics

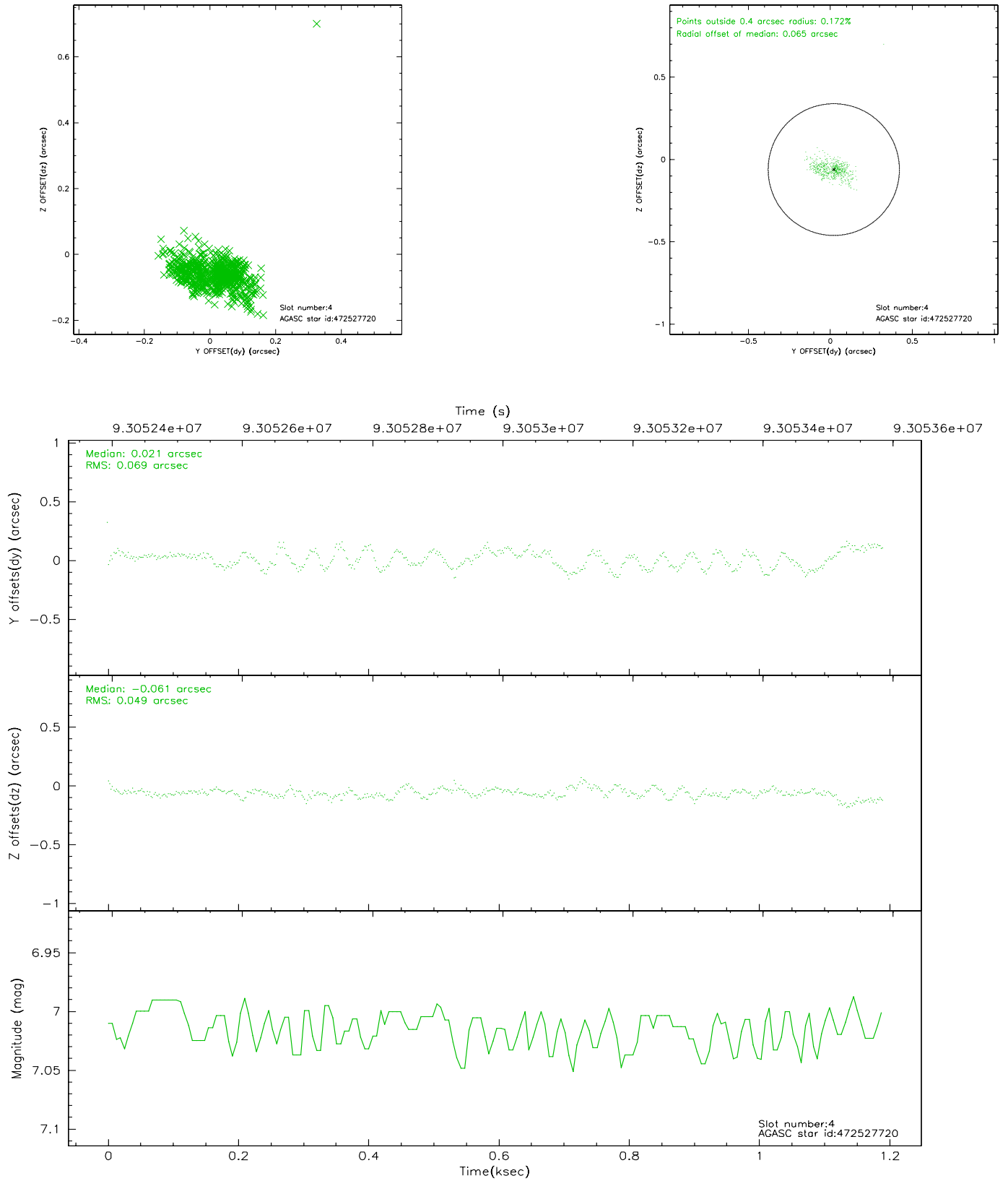
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	291	0.043	0.026	0.005	0.009	0.000000	0.000000	-758.46	-1292.37
1	FID	HRC-I-2	7.00	291	0.083	-0.051	0.006	0.012	0.000000	0.000000	851.61	-1298.50
2	FID	HRC-I-4	6.98	291	-0.011	-0.067	0.005	0.009	0.000000	0.000000	1287.27	1005.19
3	GUIDE	472525528	6.65	582	-0.011	-0.027	0.067	0.109	331.551102	45.248694	1461.07	-1571.28
4	GUIDE	472527720	7.01	582	0.021	-0.061	0.082	0.140	331.460205	45.112509	1777.84	-2015.44
5	GUIDE	472523760	8.23	582	-0.044	-0.142	0.053	0.086	331.645363	45.403260	1095.52	-1094.52
6	GUIDE	472655152	9.43	582	-0.010	0.116	0.098	0.155	332.504239	45.862991	692.84	1600.35
7	GUIDE	472655704	9.49	581	0.058	0.105	0.119	0.206	332.167195	45.285228	2106.77	-140.48

2.4 Star Slots

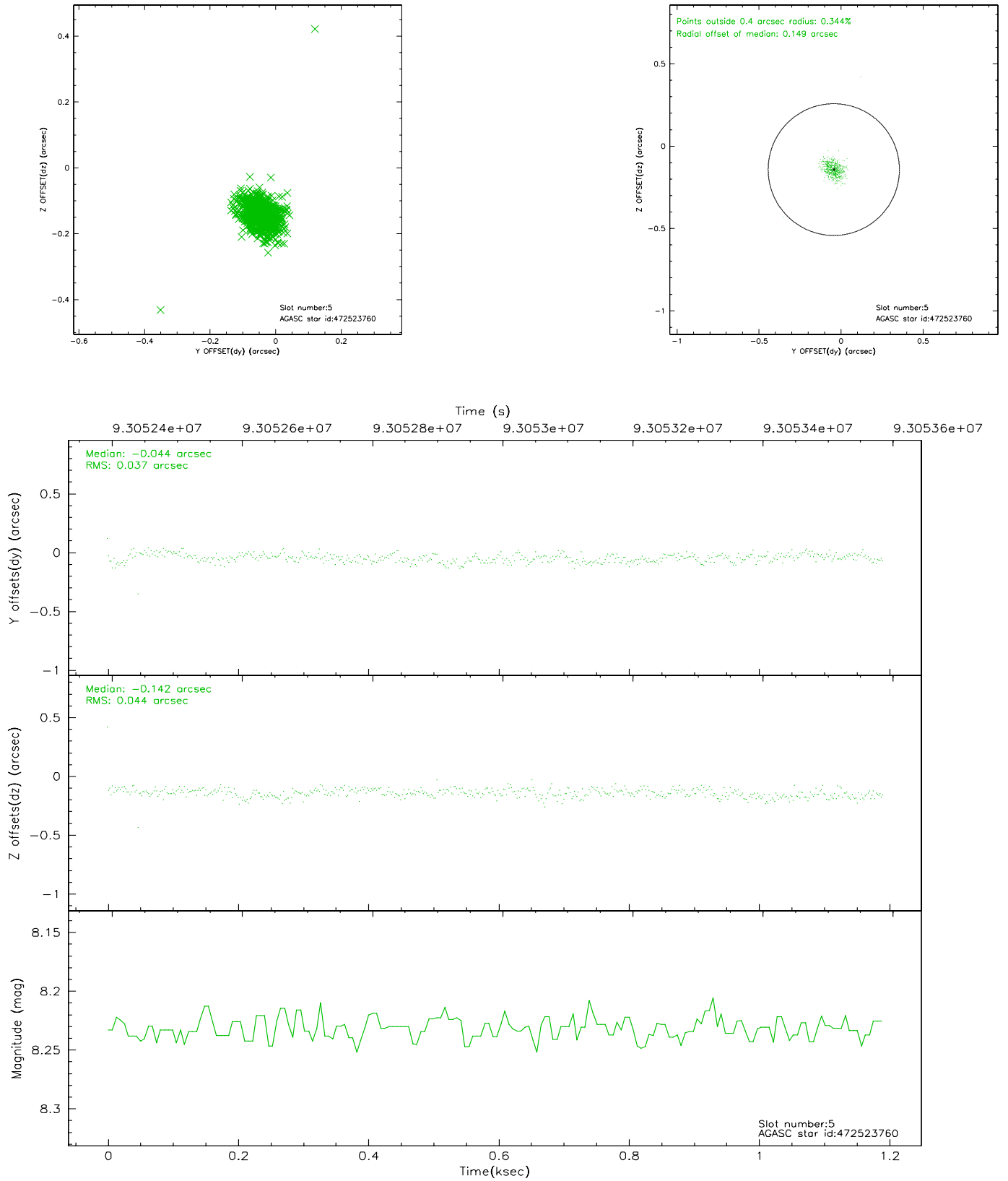
2.4.1 Slot 3



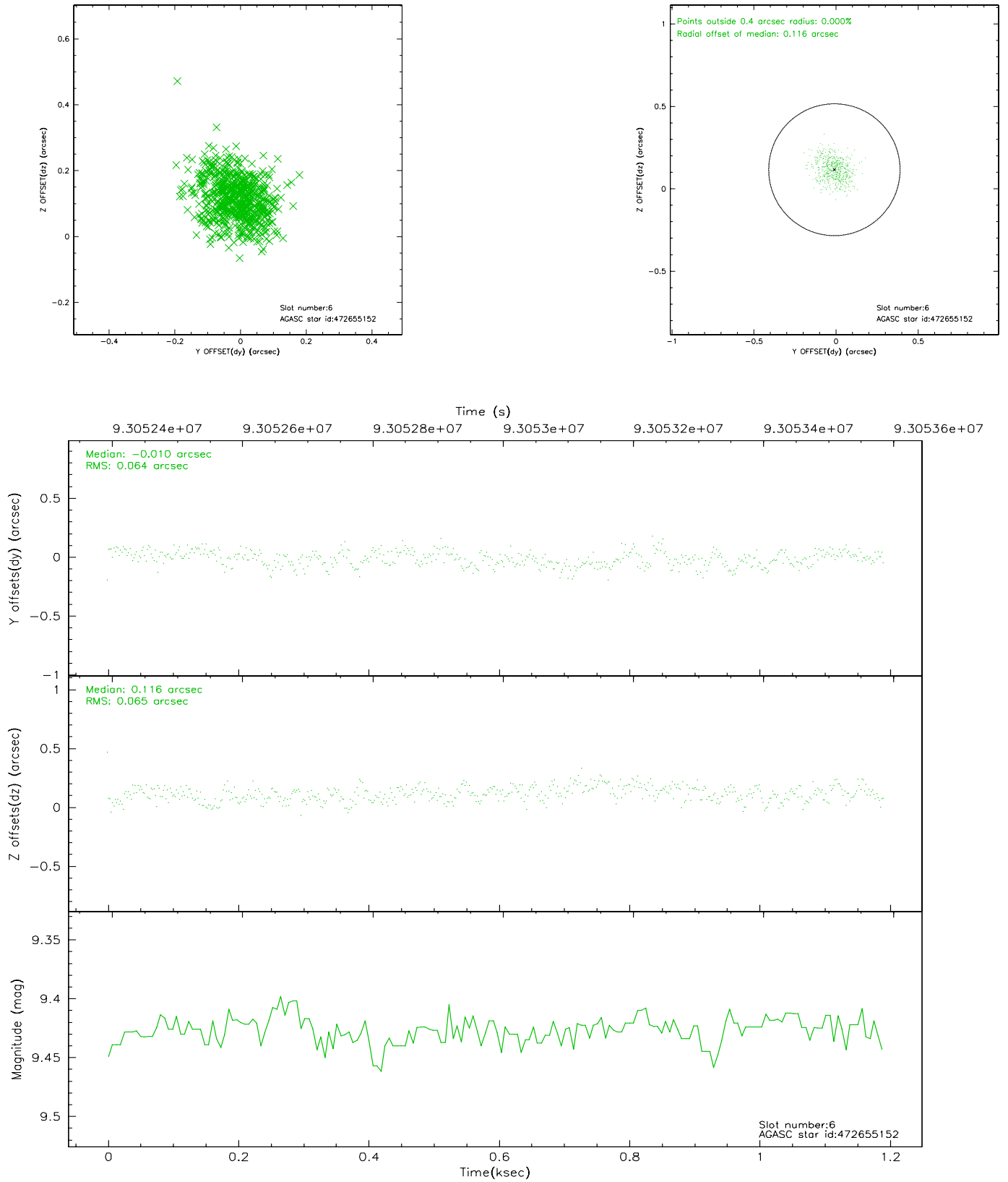
2.4.2 Slot 4



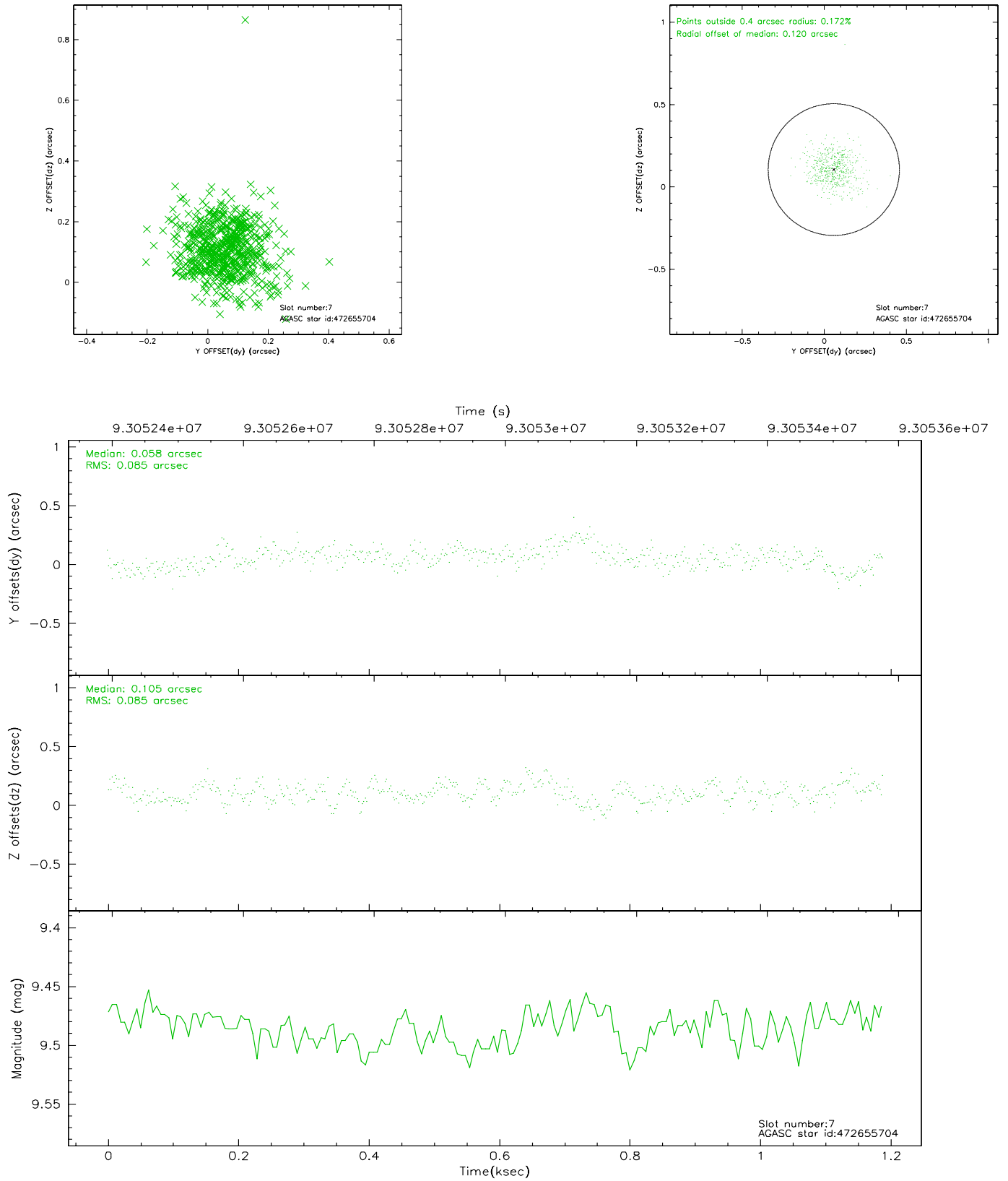
2.4.3 Slot 5



2.4.4 Slot 6

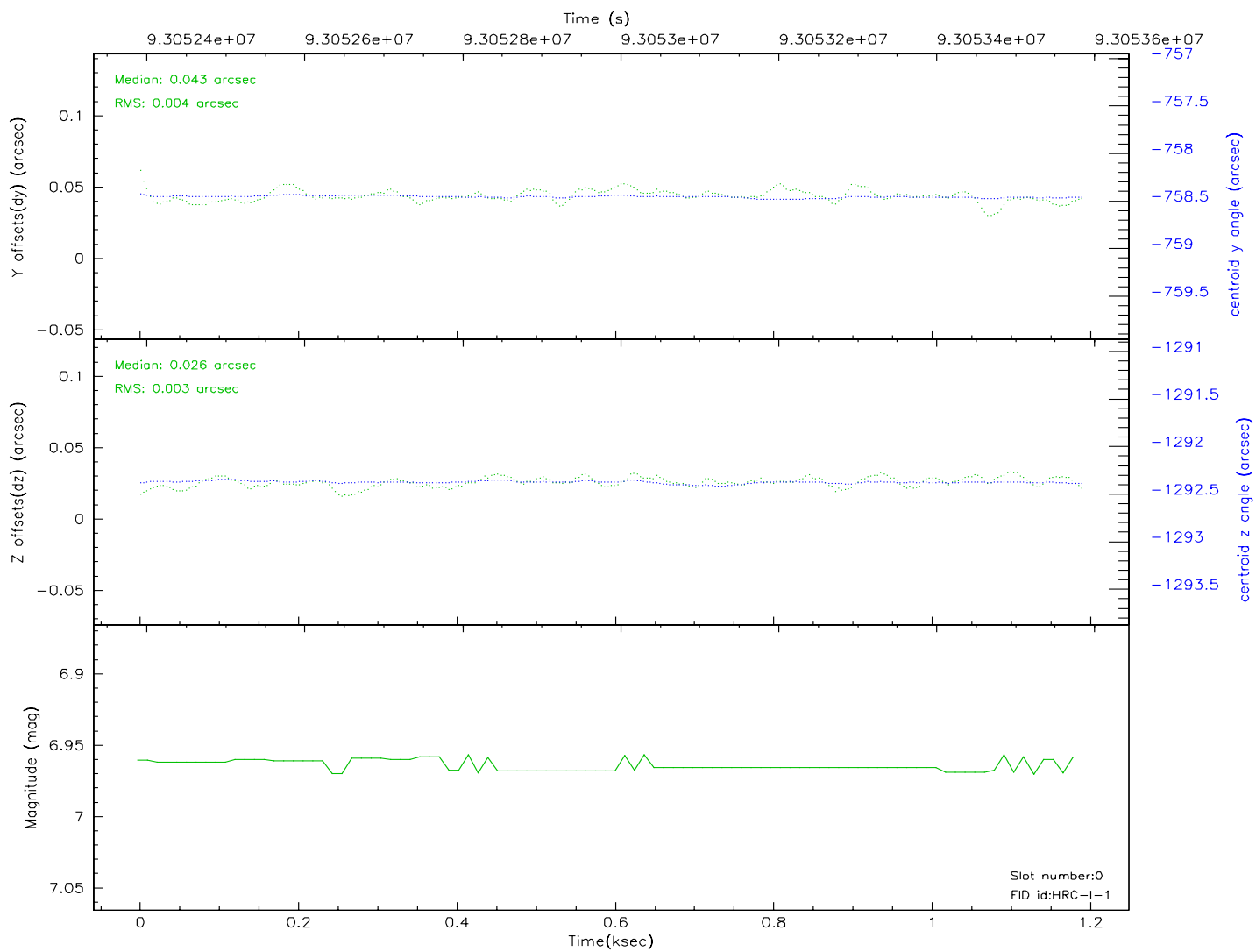
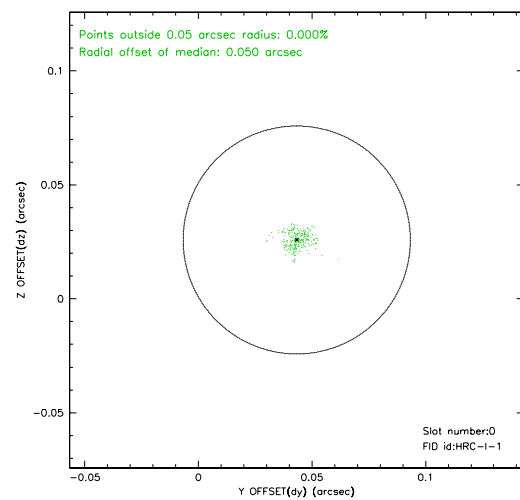
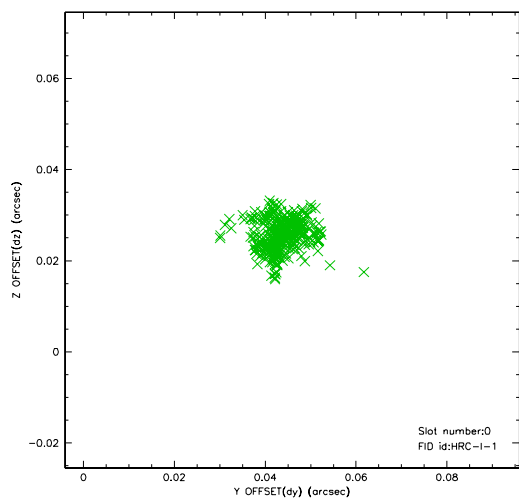


2.4.5 Slot 7

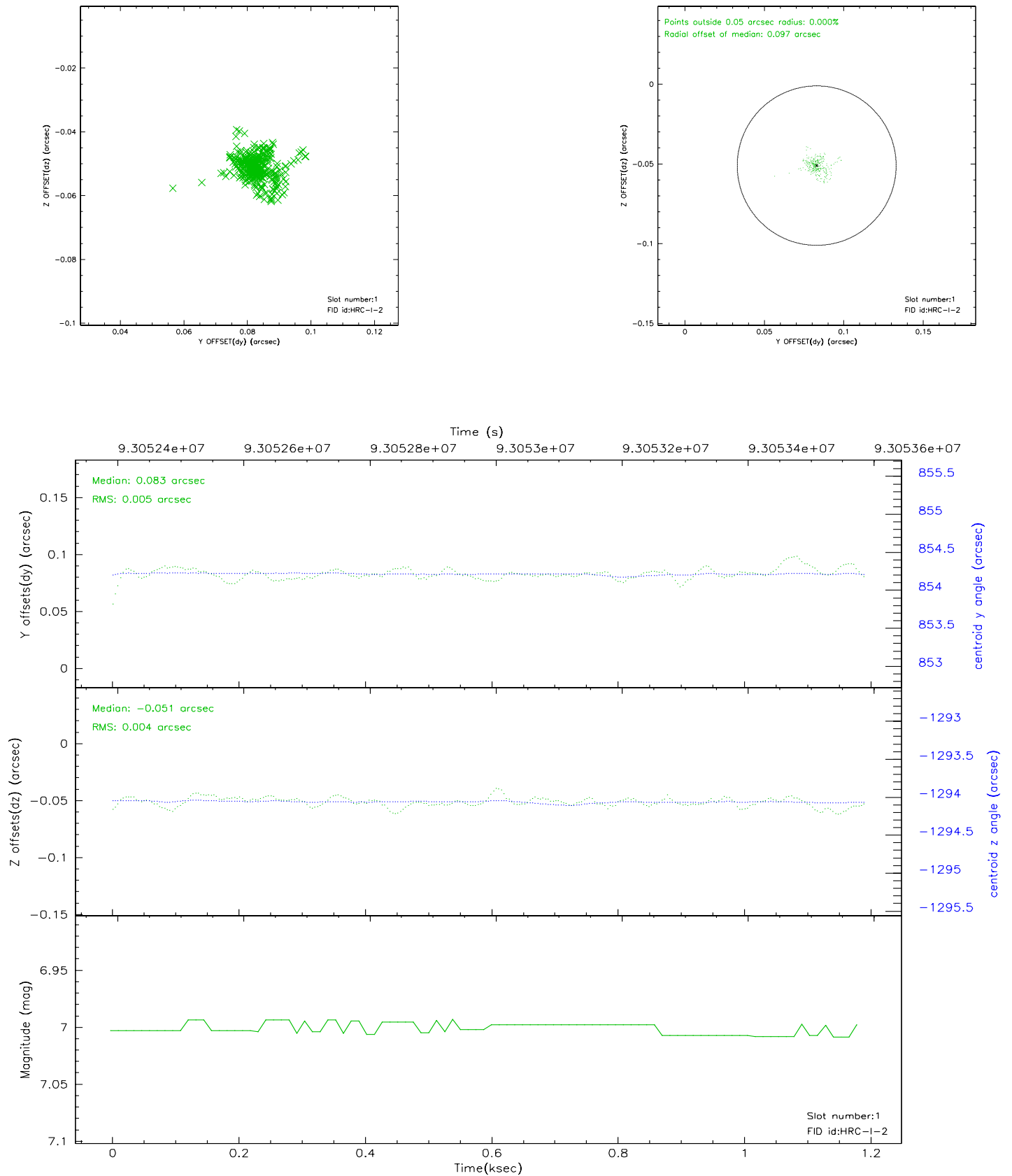


2.5 FID Slots

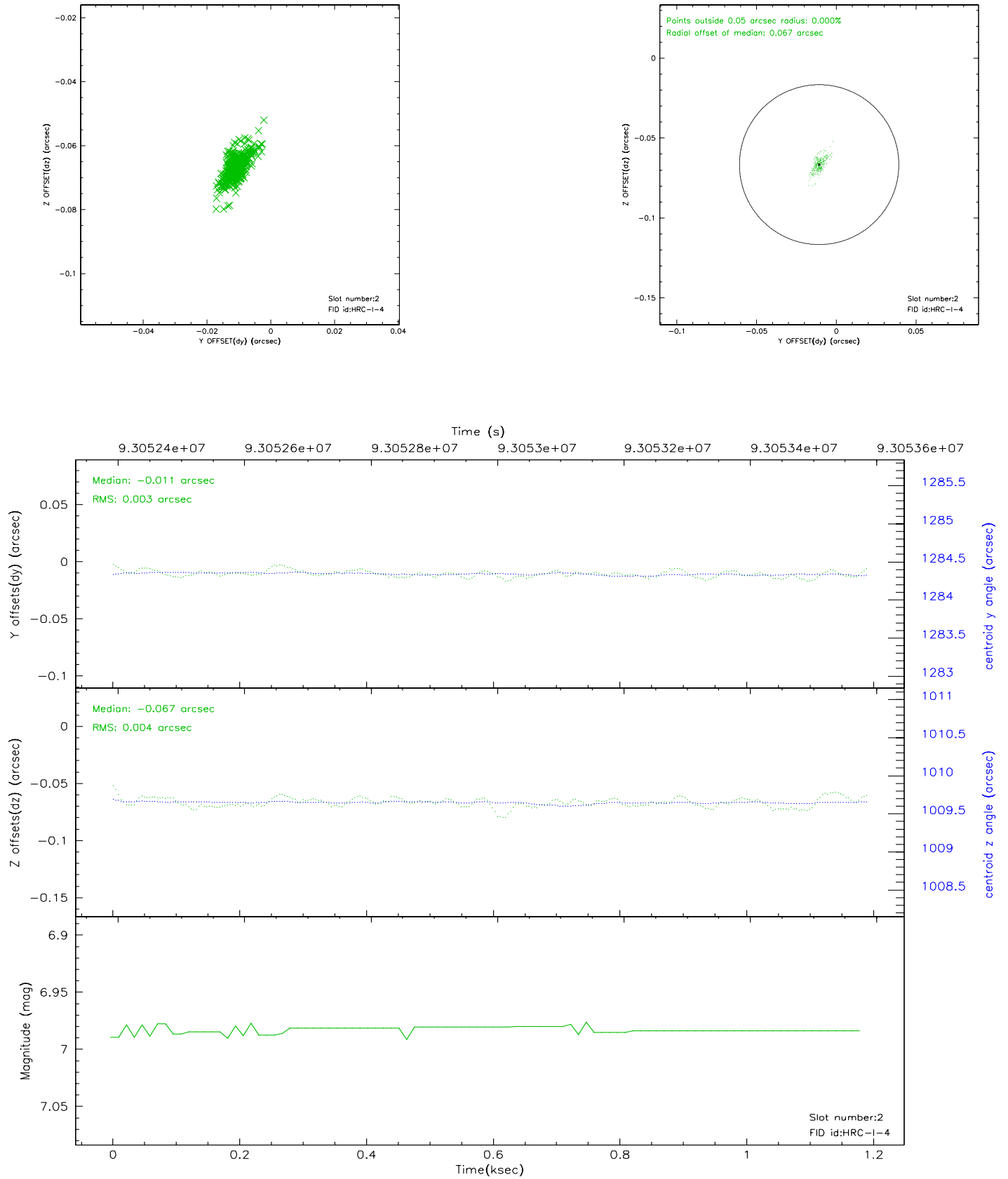
2.5.1 Slot 0



2.5.2 Slot 1

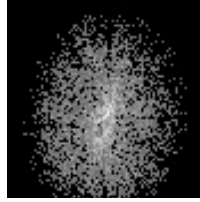


2.5.3 Slot 2



3 Point Sources

14.02 arcmin



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.12.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.19

A.2 Comments

Source is near the edge of the chip.

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.