

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 2611 - L2 Version 3
Chandra X-Ray Center

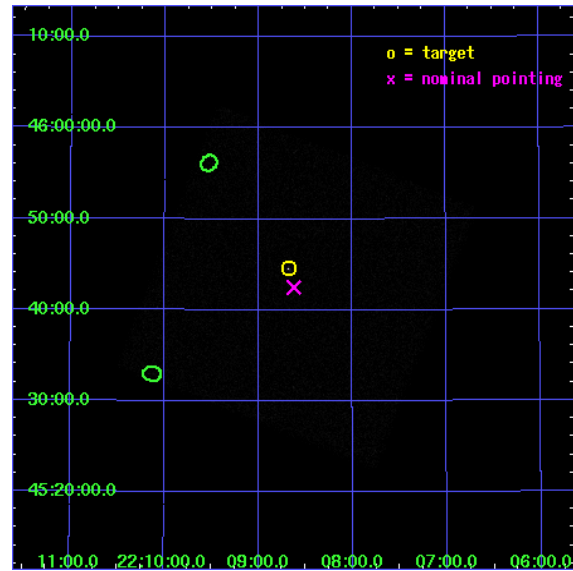
L2 Processing Date : Nov 21 2007

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1 Front

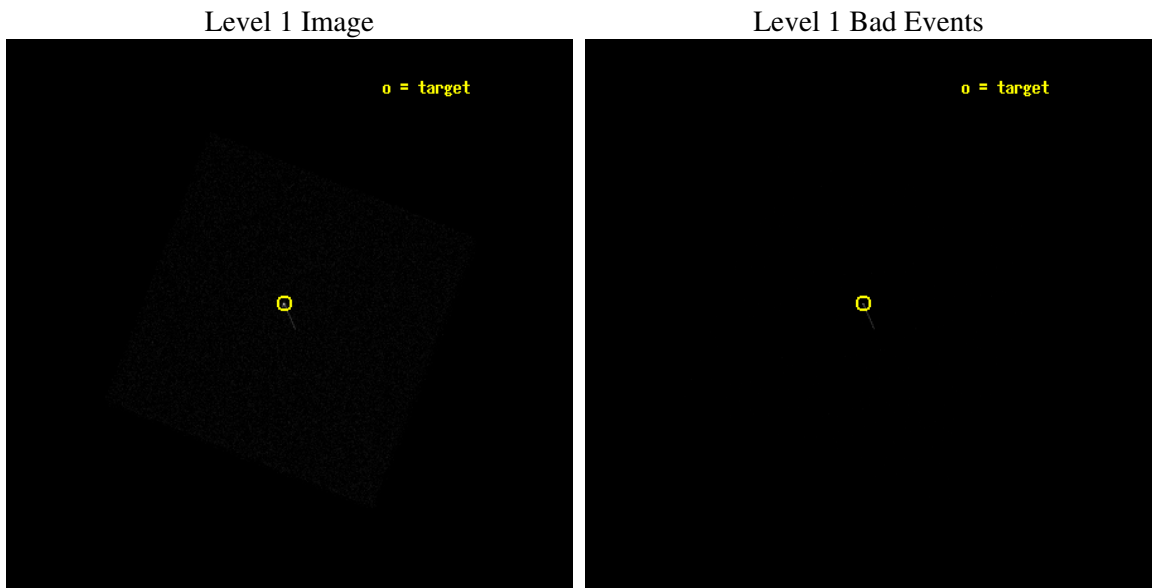
seq_num	290167
obs_id	2611
title	AO3 HRC-I CALIBRATION OBSERVATION: MINI-SCAN OF ARLAC
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.15539376141
dec_nom	45.708209954893
roll_nom	336.49081159799
revision	3
ontime	1192.3312980235
livedtime	1185.6446918971
l2events	37865



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	2007-11-21T16:55:31
revision	3

sched_exp_time	1000.000000
ontime	1192.3312980235
l1events	68790

2.1.3 Events

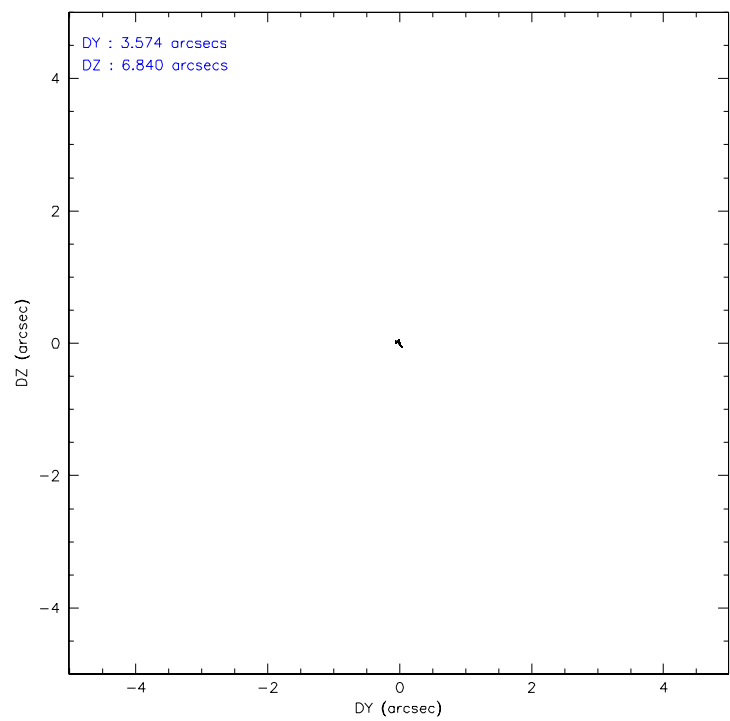
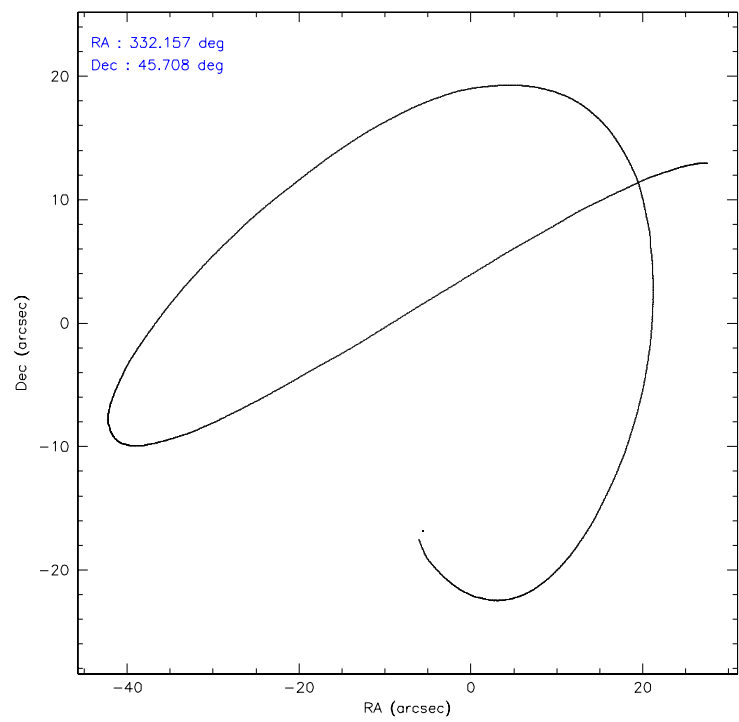
Level 1 Events

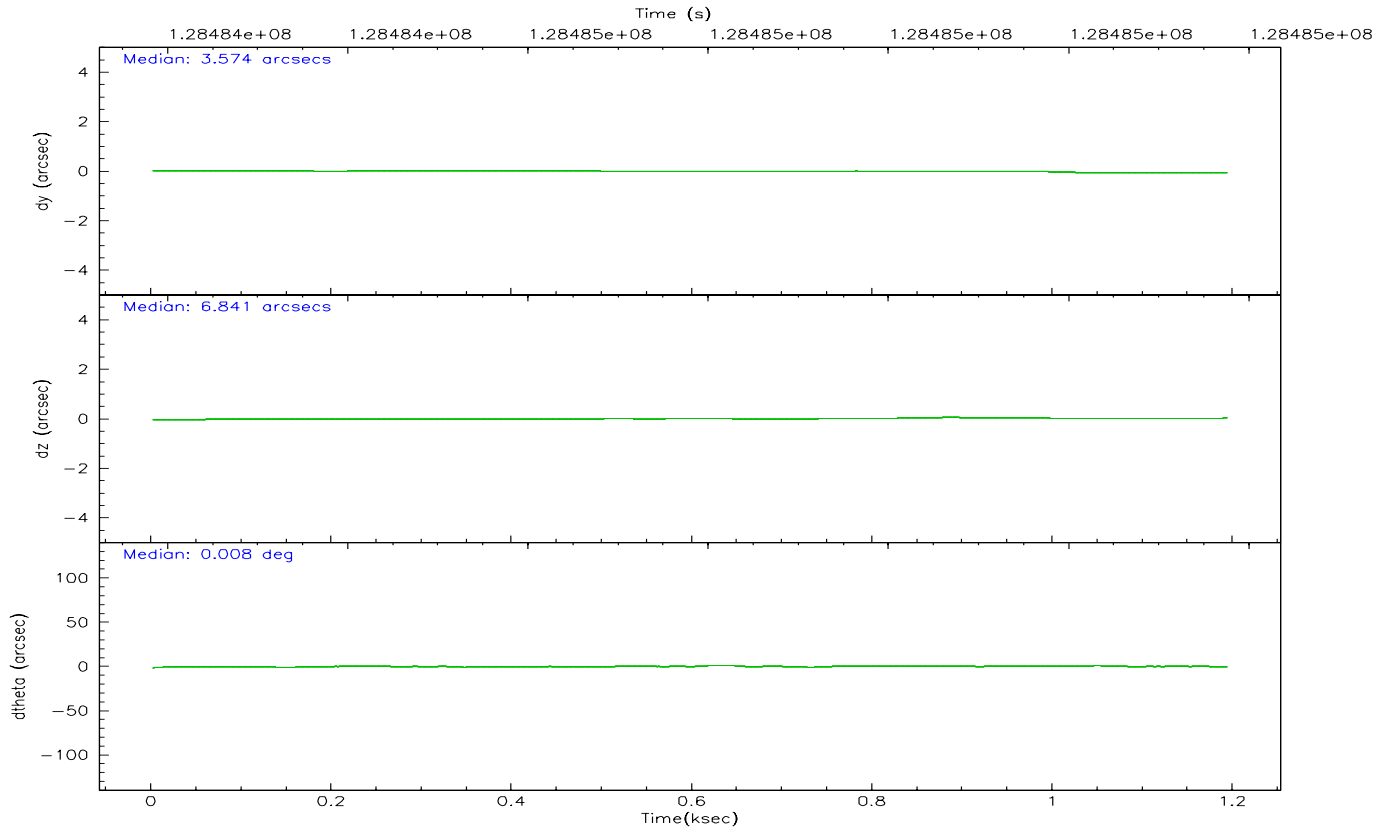
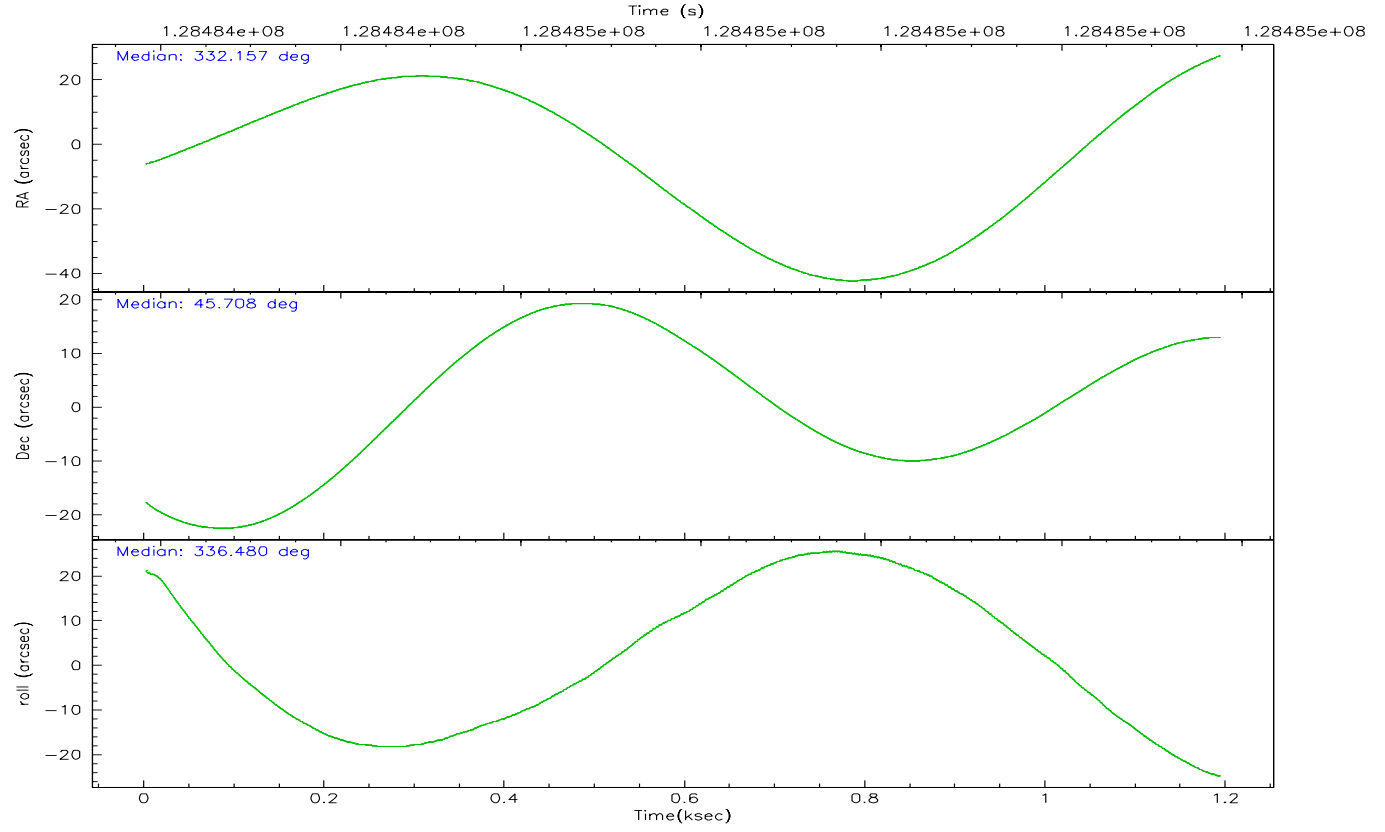
	segment 0
level 1 events	68790
rejected events	14374
rejected %	20%

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	332.116699	332.1553937614149			
Pointing Dec	45.705027	45.70820995489341			
Pointing Roll	336.613910	336.4908115979922			
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	128484379.184000	128484003.6775			
Observation start date	2002-01-27T02:05:15	2002-01-27T02:00:03			
Observation end time	128485379.184000	128485513.50256			
Observation end date	2002-01-27T02:21:55	2002-01-27T02:25:13			

2.3 Aspect



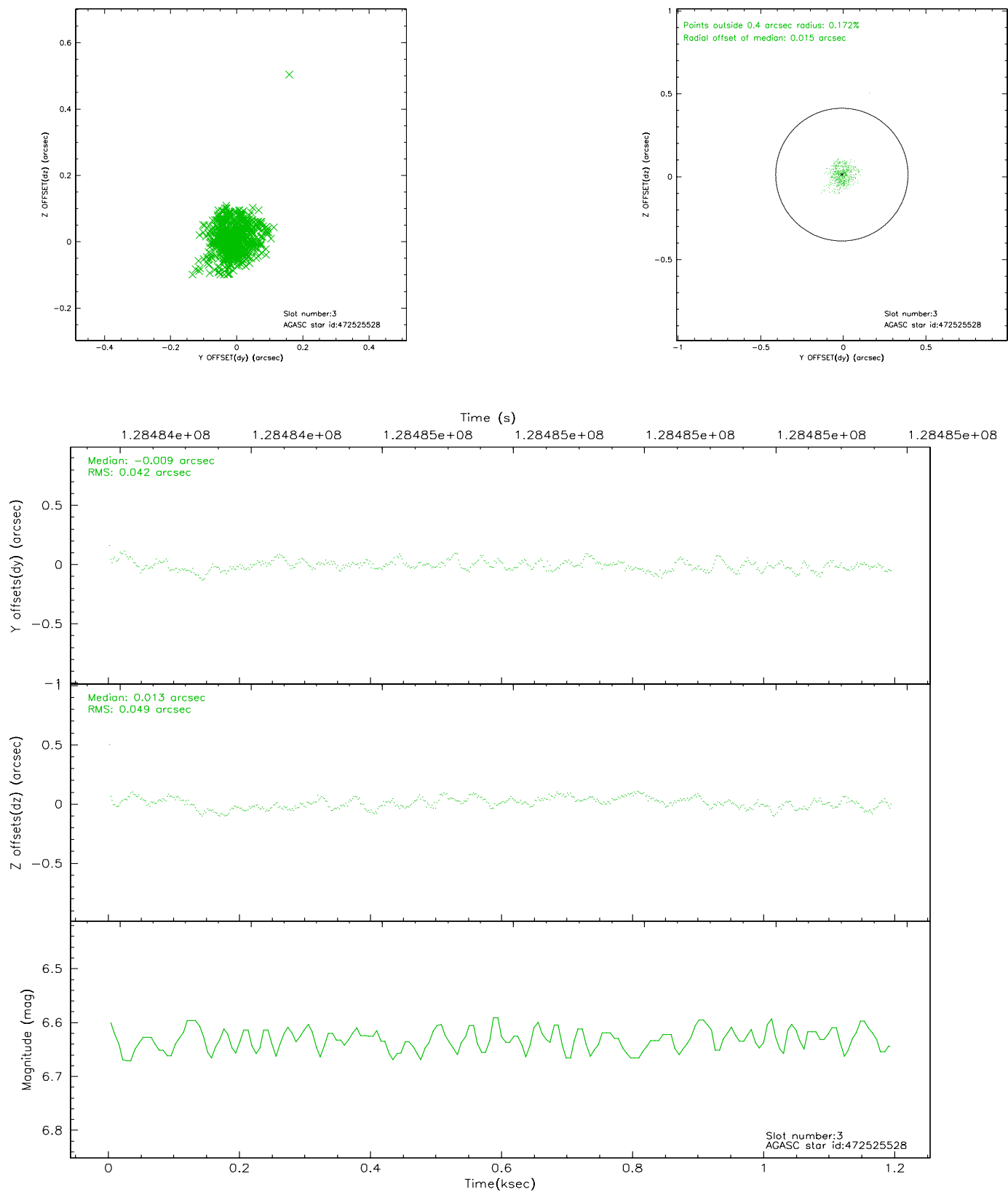


Slot Statistics

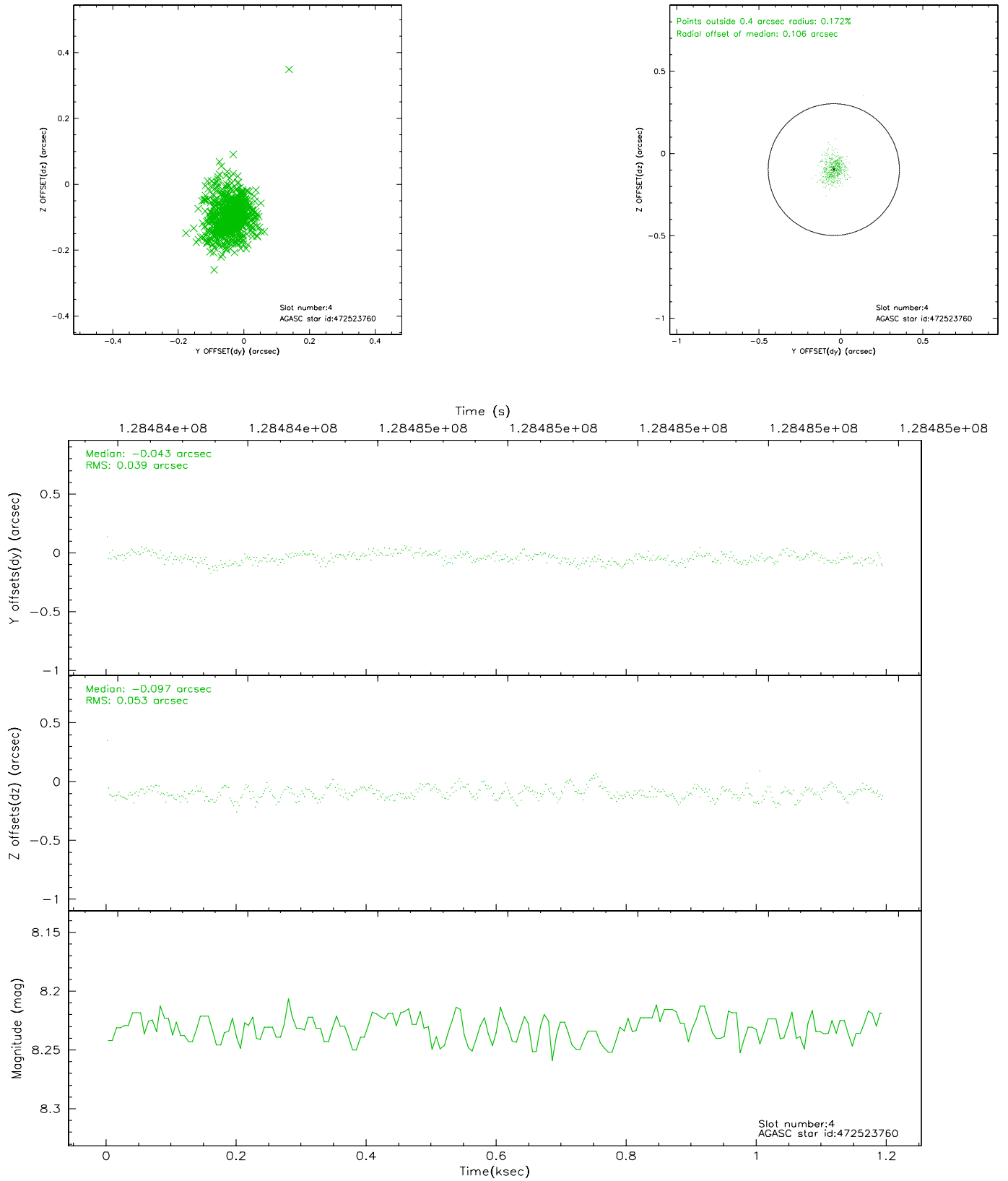
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-2	7.00	291	0.075	-0.004	0.006	0.009	0.000000	0.000000	853.66	-1296.30
1	FID	HRC-I-3	7.04	291	0.004	-0.001	0.005	0.009	0.000000	0.000000	-1184.61	1005.36
2	FID	HRC-I-4	6.99	291	0.039	-0.083	0.005	0.008	0.000000	0.000000	1279.70	1010.81
3	GUIDE	472525528	6.63	583	-0.009	0.013	0.066	0.102	331.551102	45.248694	-666.52	-2071.59
4	GUIDE	472523760	8.23	583	-0.043	-0.097	0.067	0.110	331.645363	45.403260	-665.79	-1469.84
5	GUIDE	472665256	9.02	583	-0.067	-0.036	0.109	0.162	332.808125	46.195041	875.53	2308.23
6	GUIDE	472659832	9.47	583	0.107	0.101	0.123	0.245	332.780399	46.098139	956.35	1967.87
7	GUIDE	472654568	9.43	578	0.006	0.015	0.104	0.162	332.194449	45.063576	1098.86	-2036.51

2.4 Star Slots

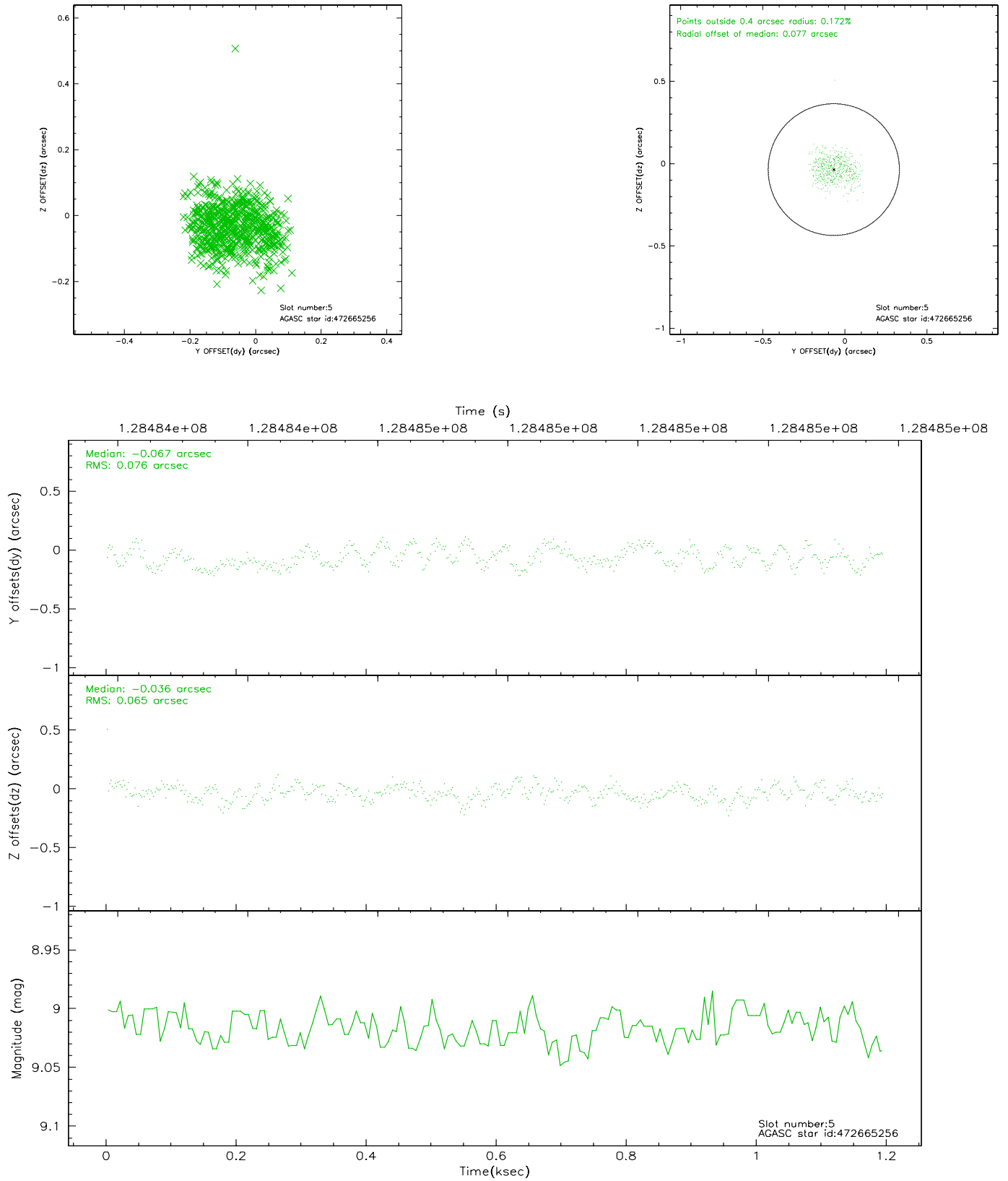
2.4.1 Slot 3



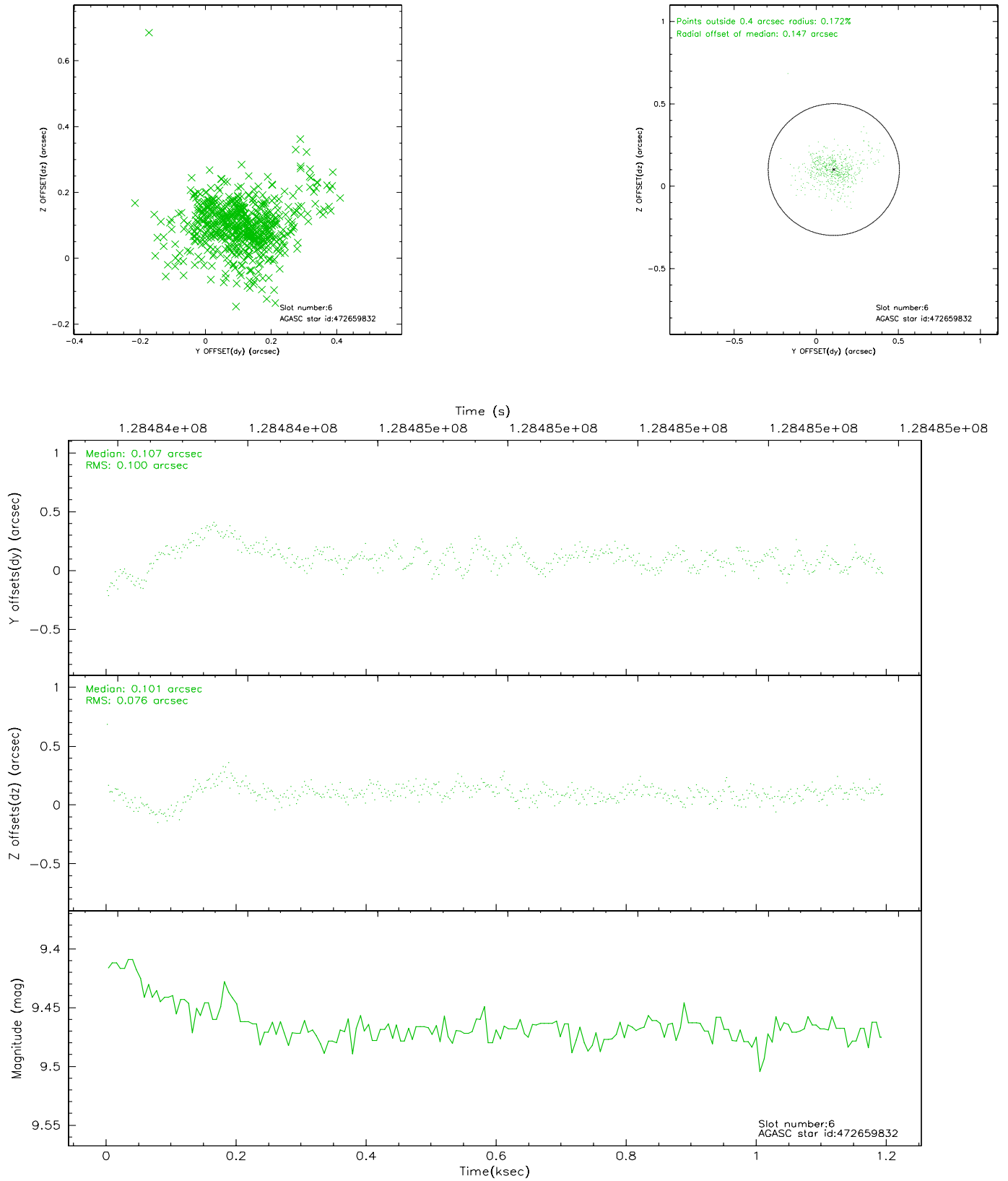
2.4.2 Slot 4



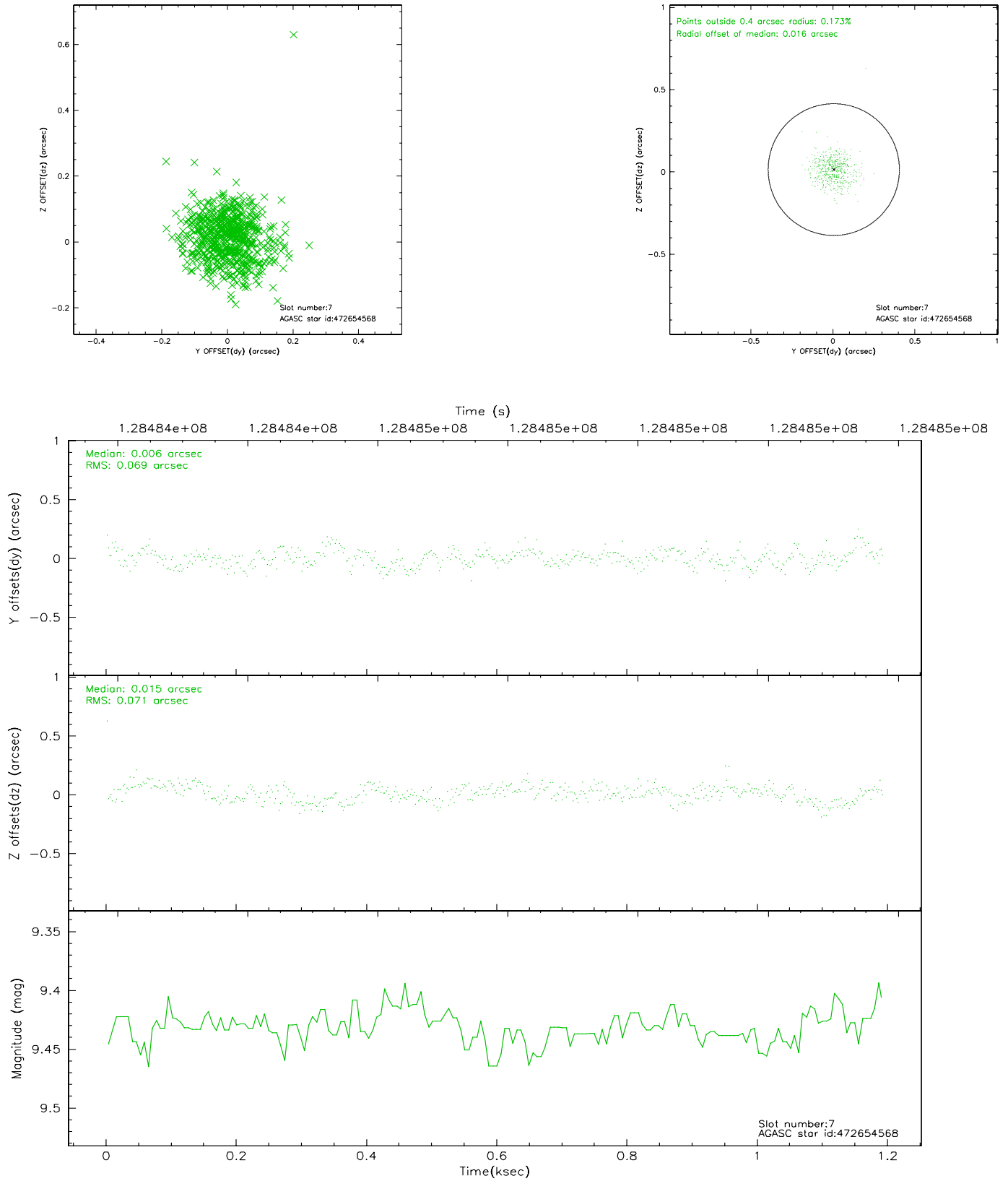
2.4.3 Slot 5



2.4.4 Slot 6

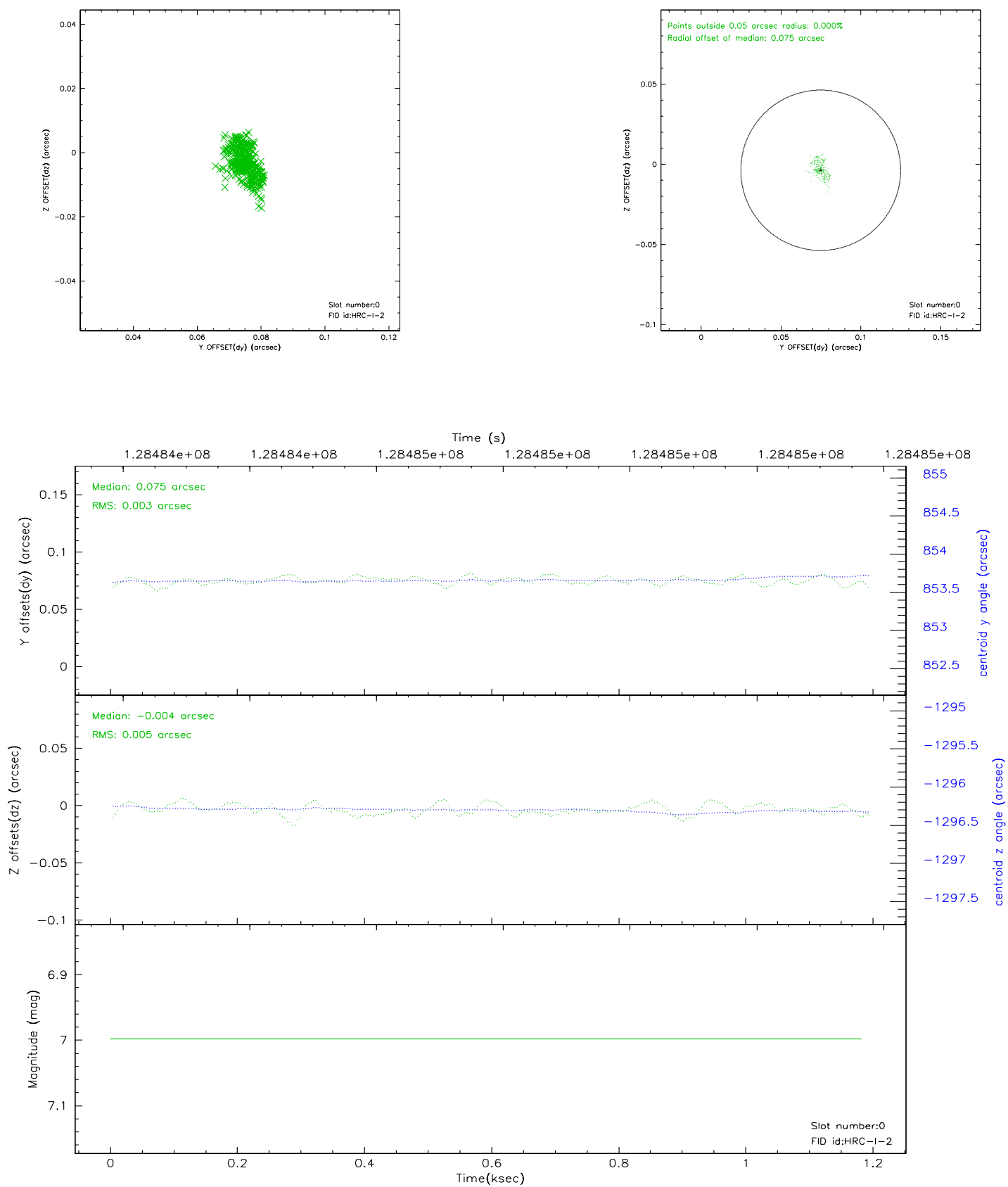


2.4.5 Slot 7

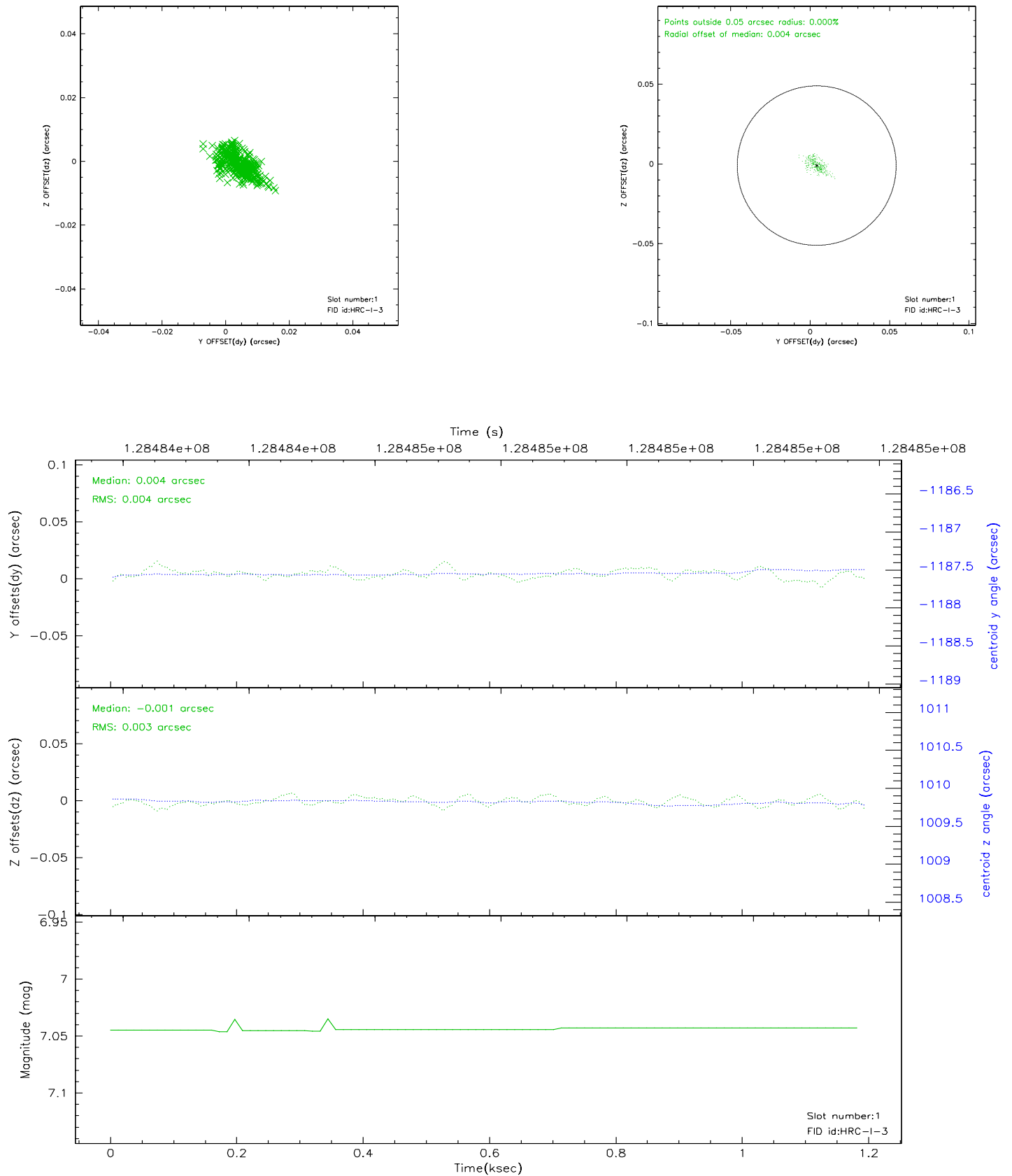


2.5 FID Slots

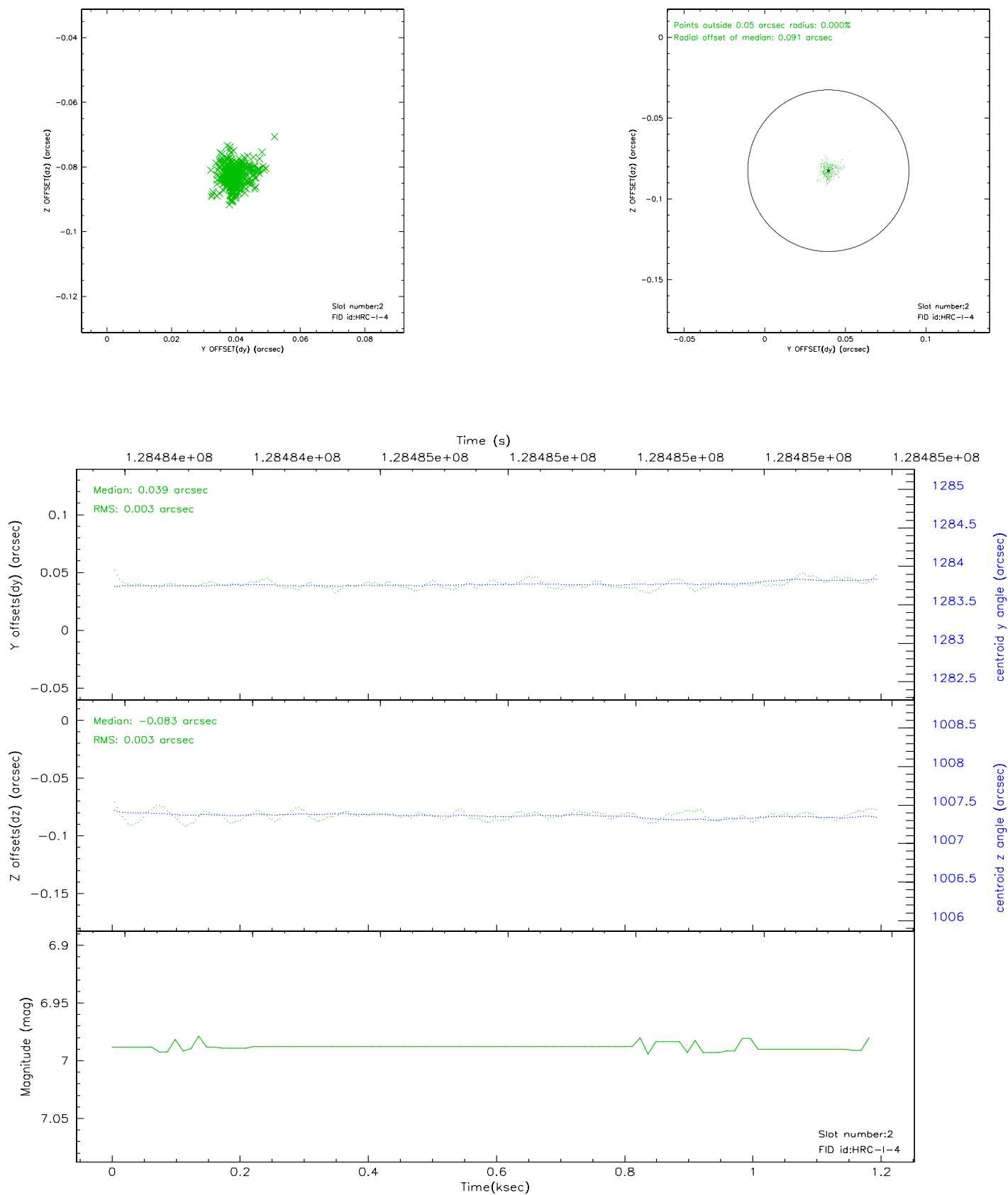
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

18.45 arcmin



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.12.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.192

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.