

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 2620 - L2 Version 3
Chandra X-Ray Center

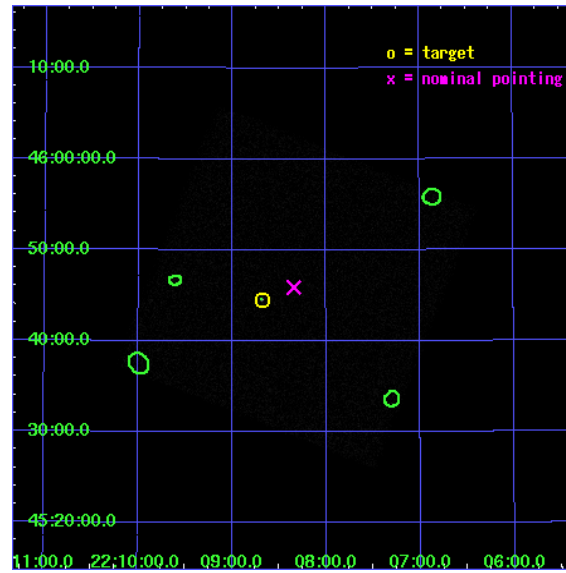
L2 Processing Date : Nov 21 2007

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1 Front

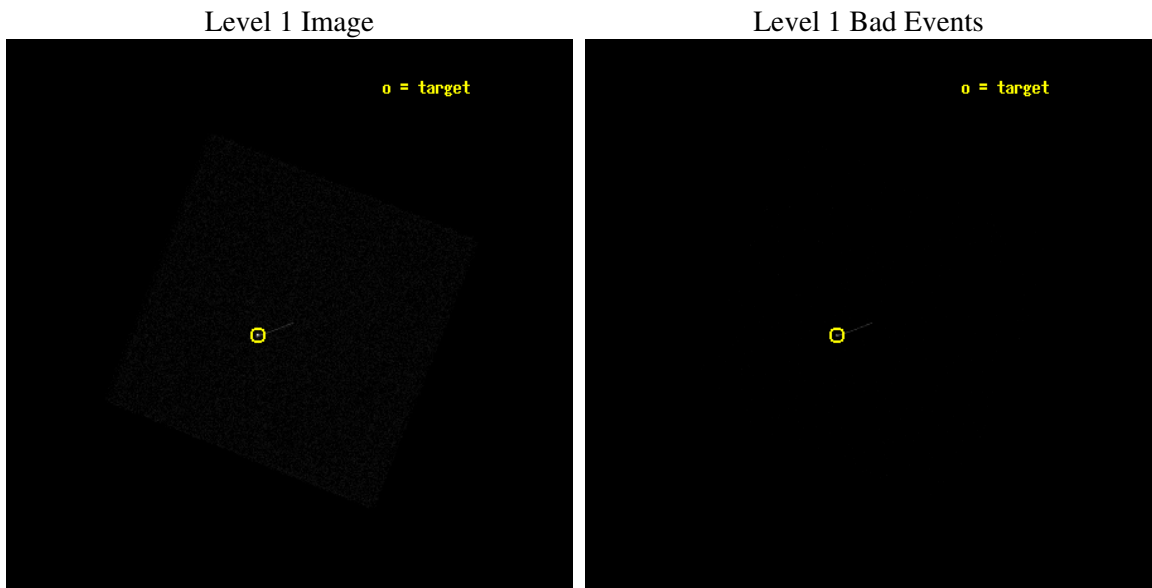
seq_num	290176
obs_id	2620
title	AO3 HRC-I CALIBRATION OBSERVATION: MINI-SCAN OF ARLAC
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.0855637905
dec_nom	45.76498644816
roll_nom	336.71681511923
revision	3
ontime	1198.4812982976
livedtime	1191.8270112387
l2events	37482



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	2007-11-21T18:22:38
revision	3

sched_exp_time	1000.000000
ontime	1198.4812982976
l1events	67427

2.1.3 Events

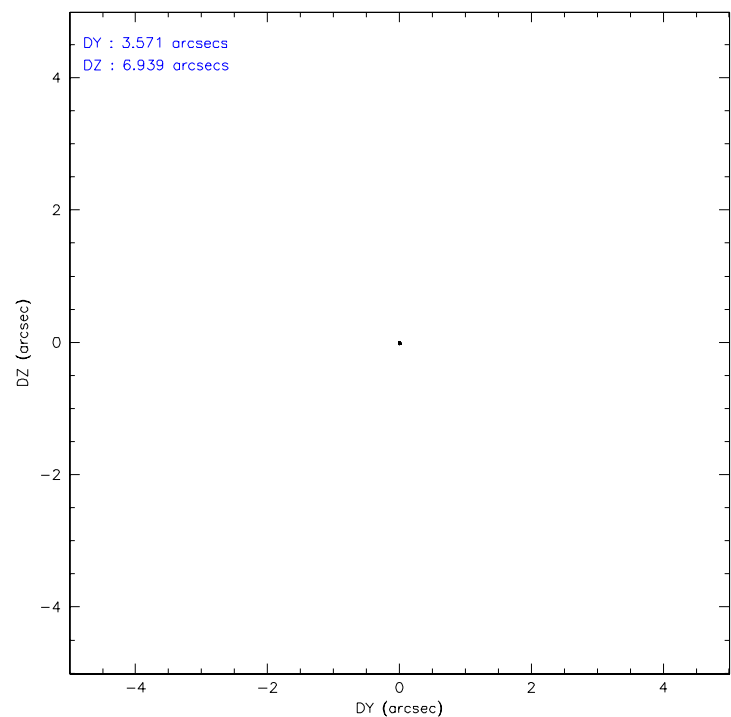
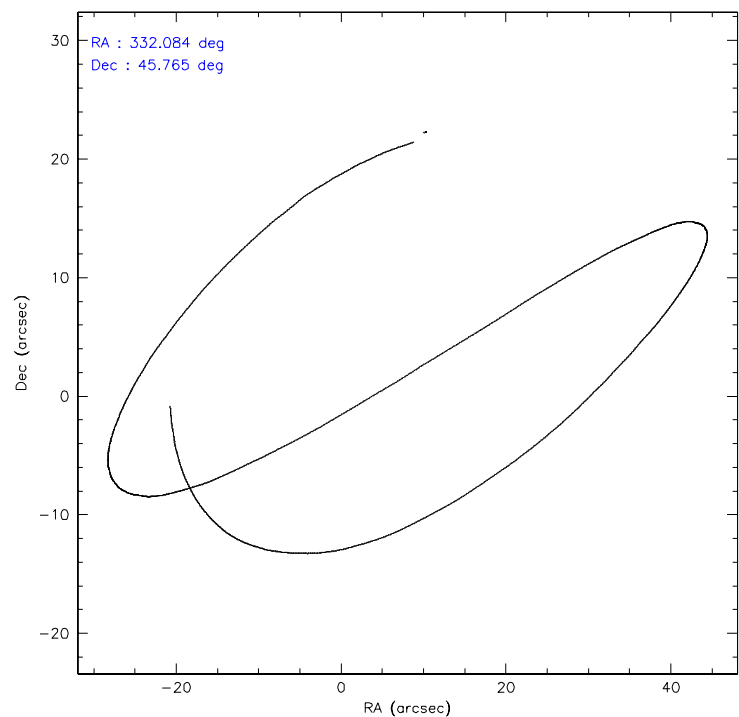
Level 1 Events

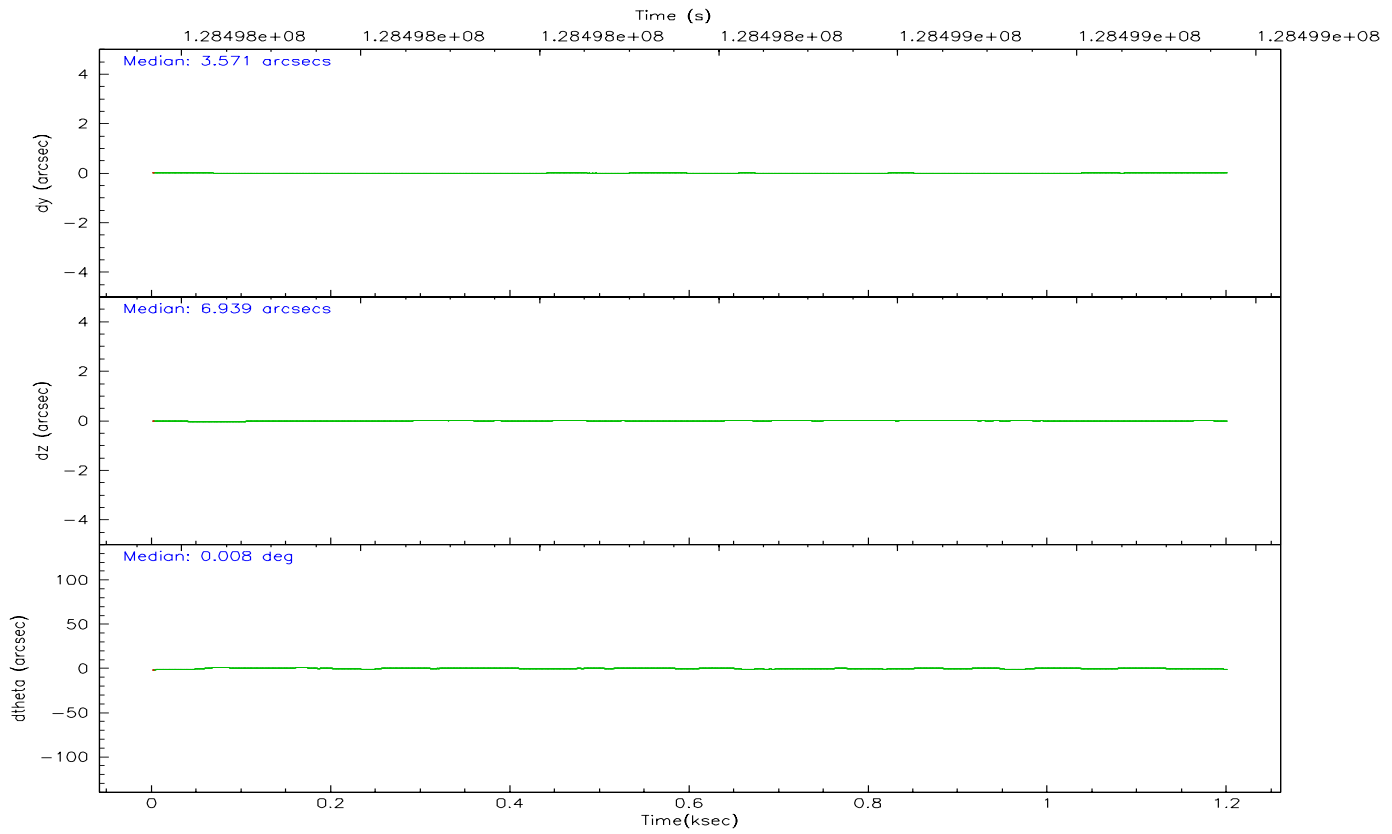
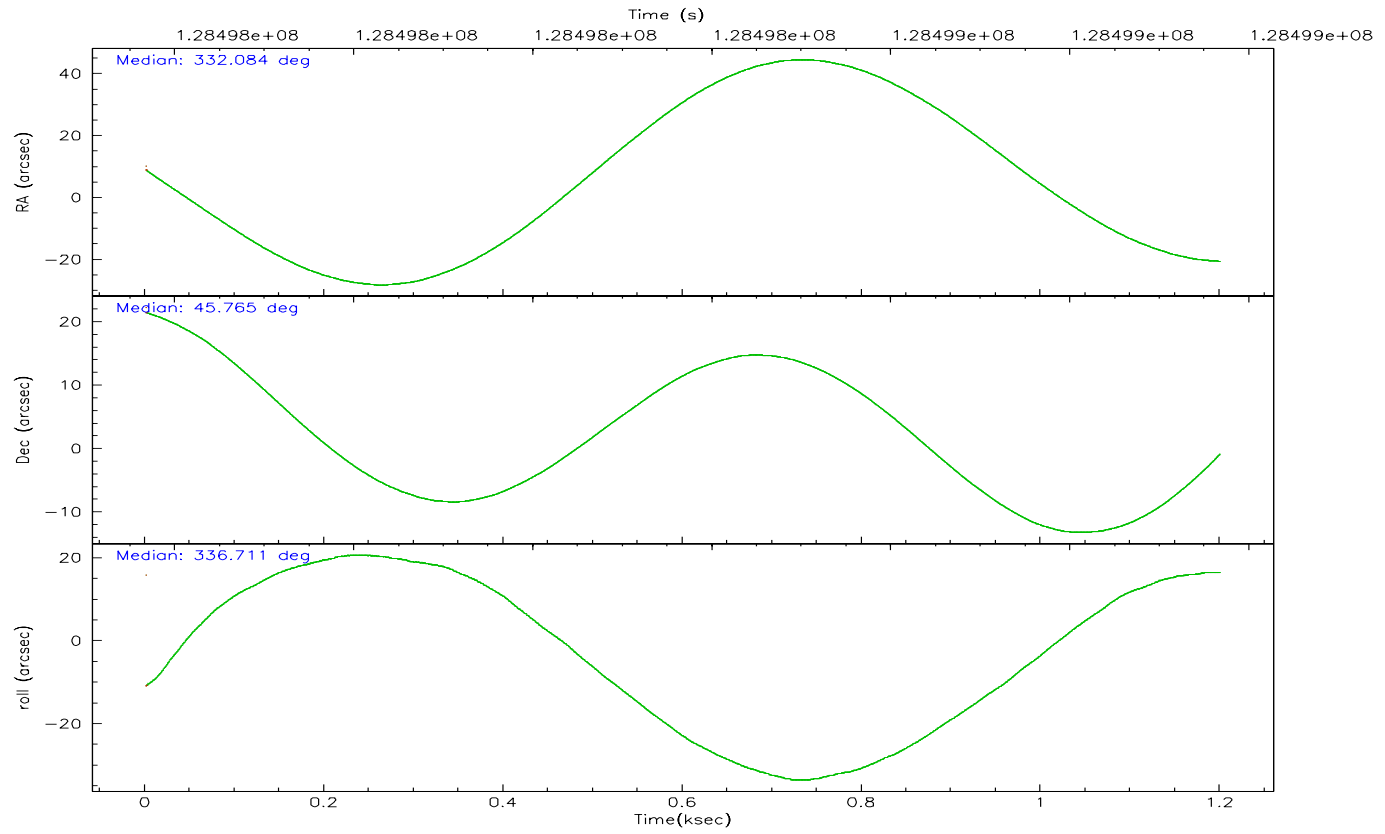
	segment 0
level 1 events	67427
rejected events	13619
rejected %	20%

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	332.047875	332.0855637905033			
Pointing Dec	45.761796	45.76498644816012			
Pointing Roll	336.839342	336.7168151192323			
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	128497969.184000	128497593.12805			
Observation start date	2002-01-27T05:51:45	2002-01-27T05:46:33			
Observation end time	128498969.184000	128499103.97811			
Observation end date	2002-01-27T06:08:25	2002-01-27T06:11:43			

2.3 Aspect



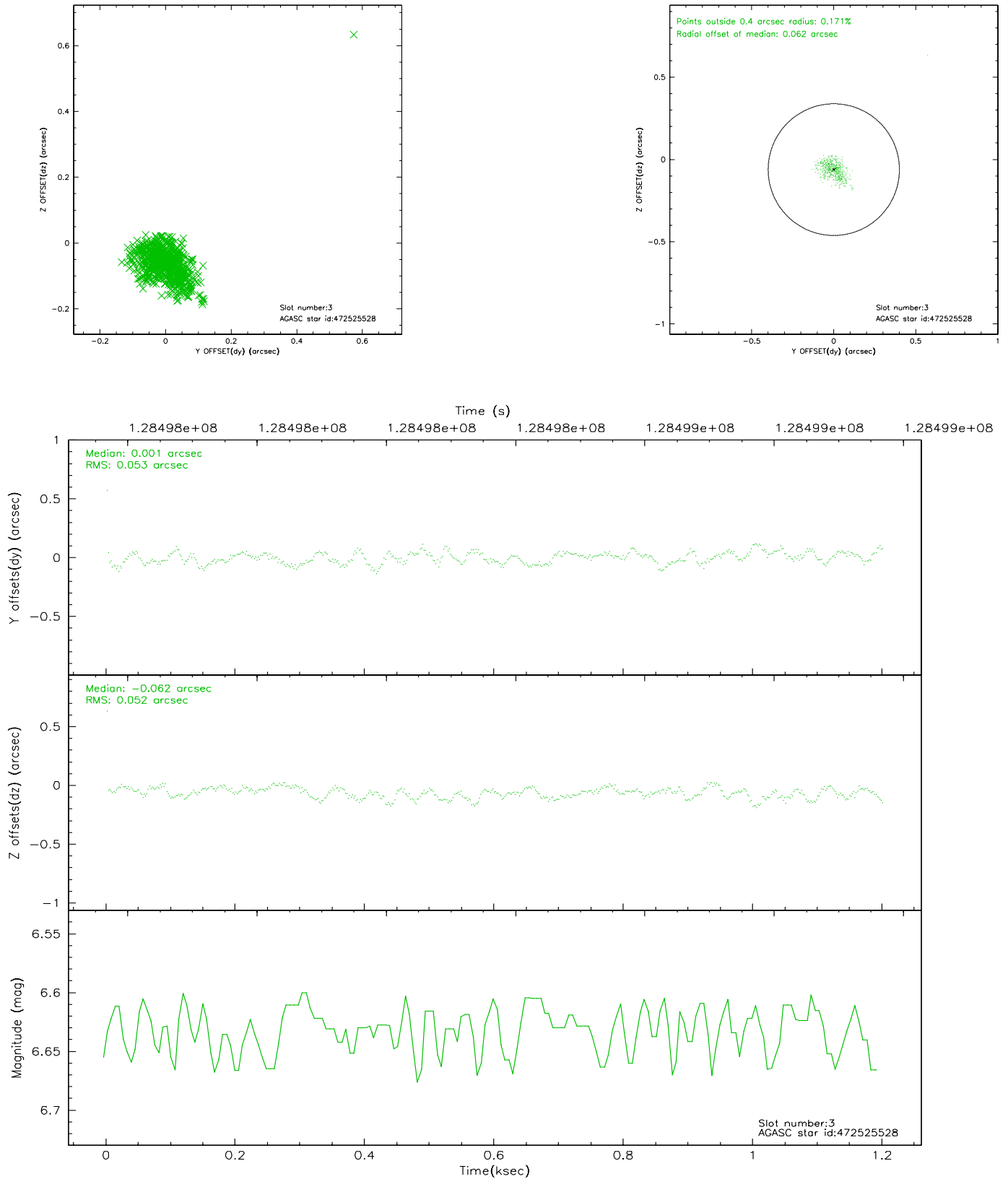


Slot Statistics

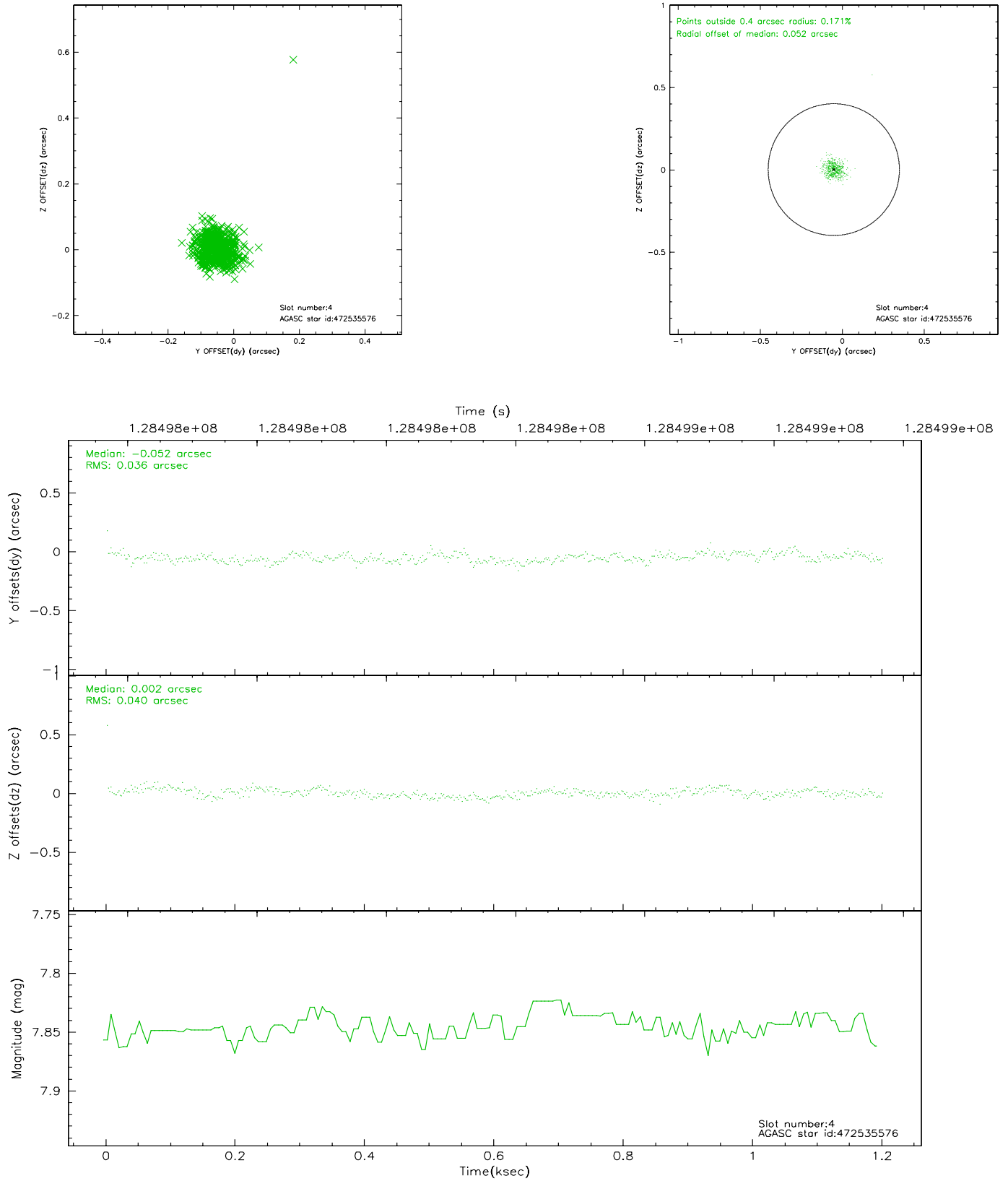
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	293	0.026	0.031	0.007	0.011	0.000000	0.000000	-759.02	-1294.81
1	FID	HRC-I-2	7.00	293	0.077	-0.071	0.005	0.010	0.000000	0.000000	851.07	-1300.88
2	FID	HRC-I-3	7.04	293	0.015	-0.049	0.005	0.010	0.000000	0.000000	-1184.64	1005.23
3	GUIDE	472525528	6.63	586	0.001	-0.062	0.068	0.109	331.551102	45.248694	-431.21	-2187.83
4	GUIDE	472535576	7.85	586	-0.052	0.002	0.050	0.082	331.438373	46.291802	-2146.46	1161.52
5	GUIDE	472536328	8.12	586	-0.061	0.066	0.063	0.106	331.496671	46.454831	-2242.84	1764.58
6	GUIDE	472659832	9.46	585	0.074	0.045	0.107	0.171	332.780399	46.098139	1198.98	1845.65
7	GUIDE	472654568	9.44	585	0.047	-0.049	0.111	0.202	332.194449	45.063576	1334.71	-2158.67

2.4 Star Slots

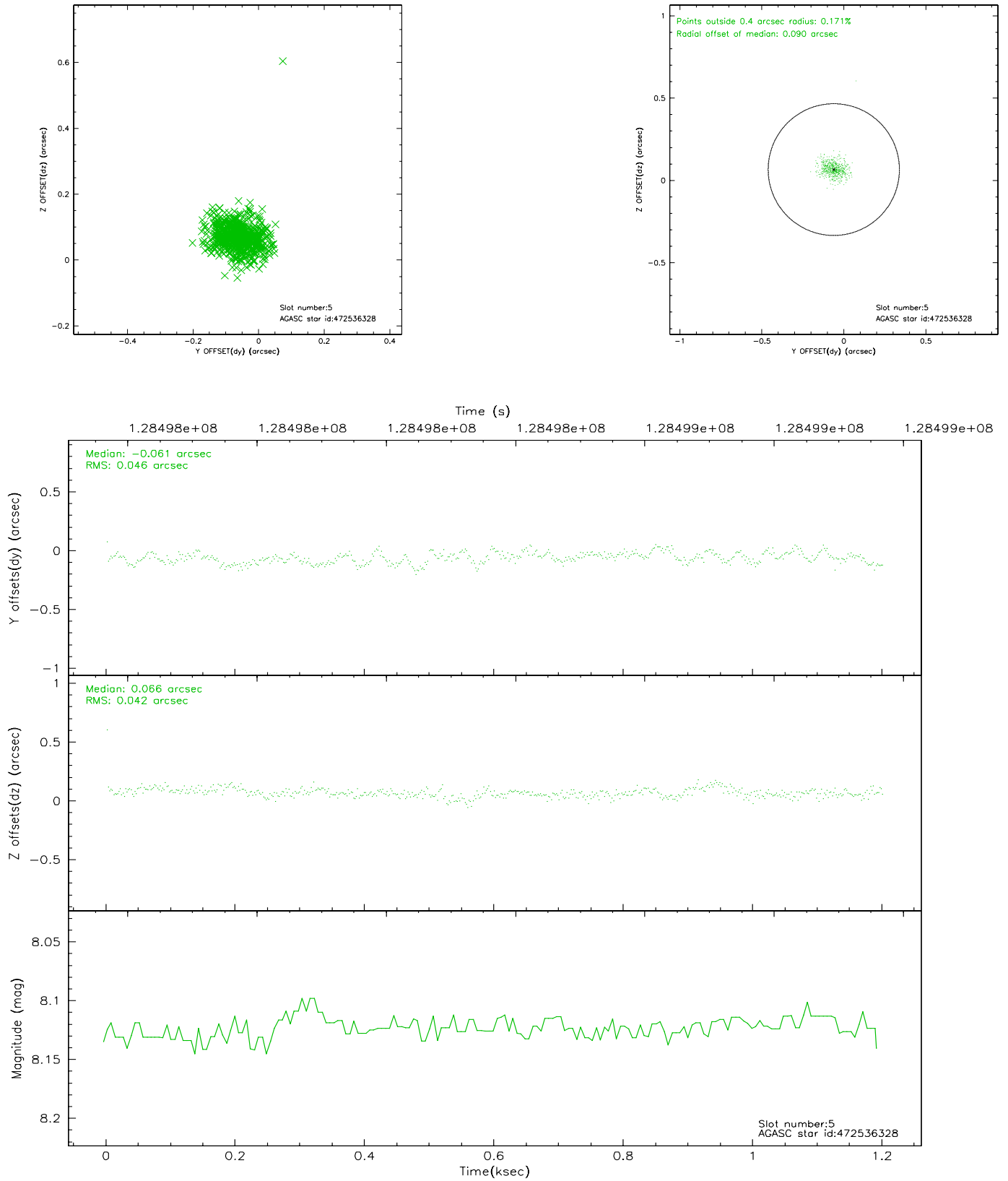
2.4.1 Slot 3



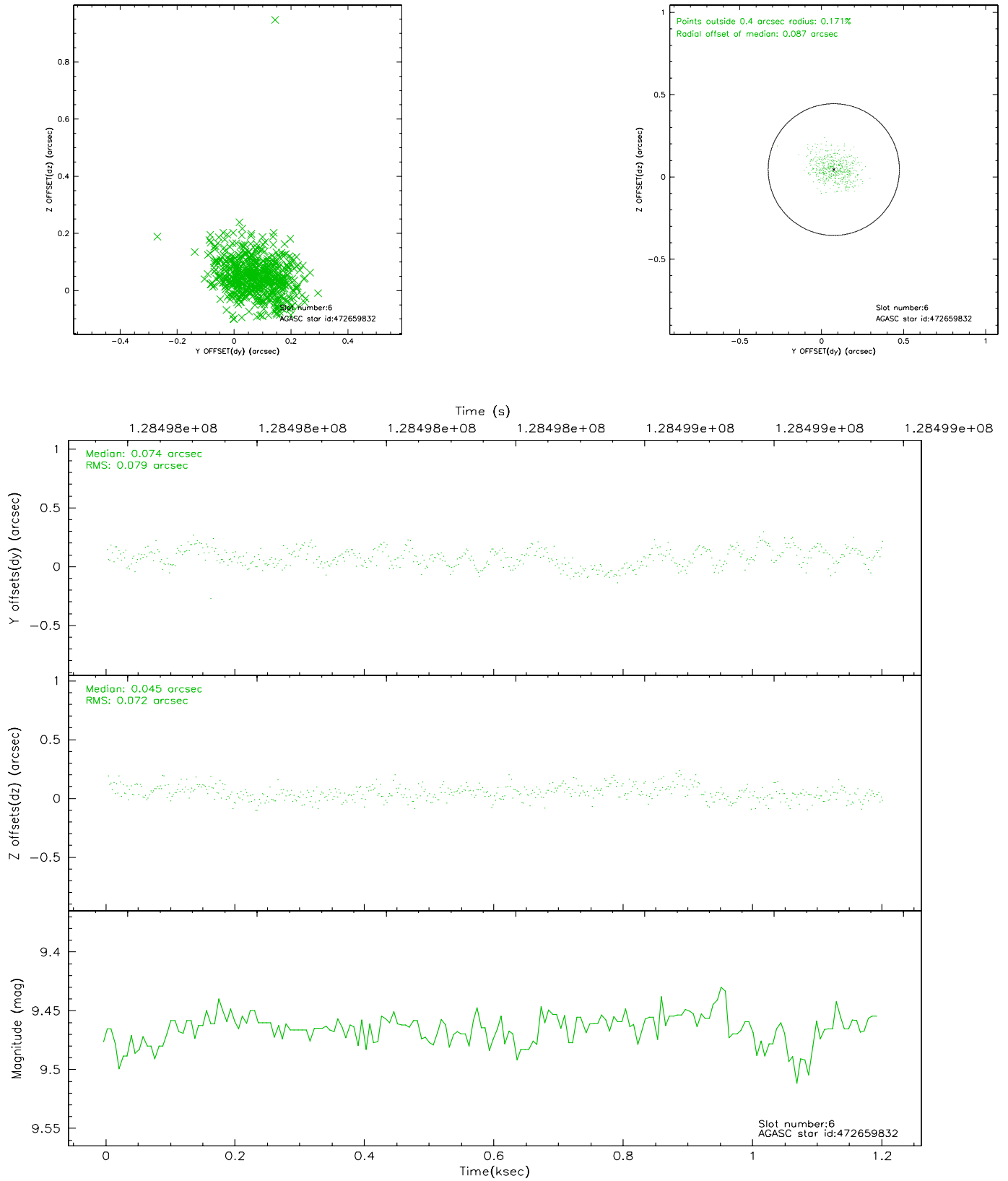
2.4.2 Slot 4



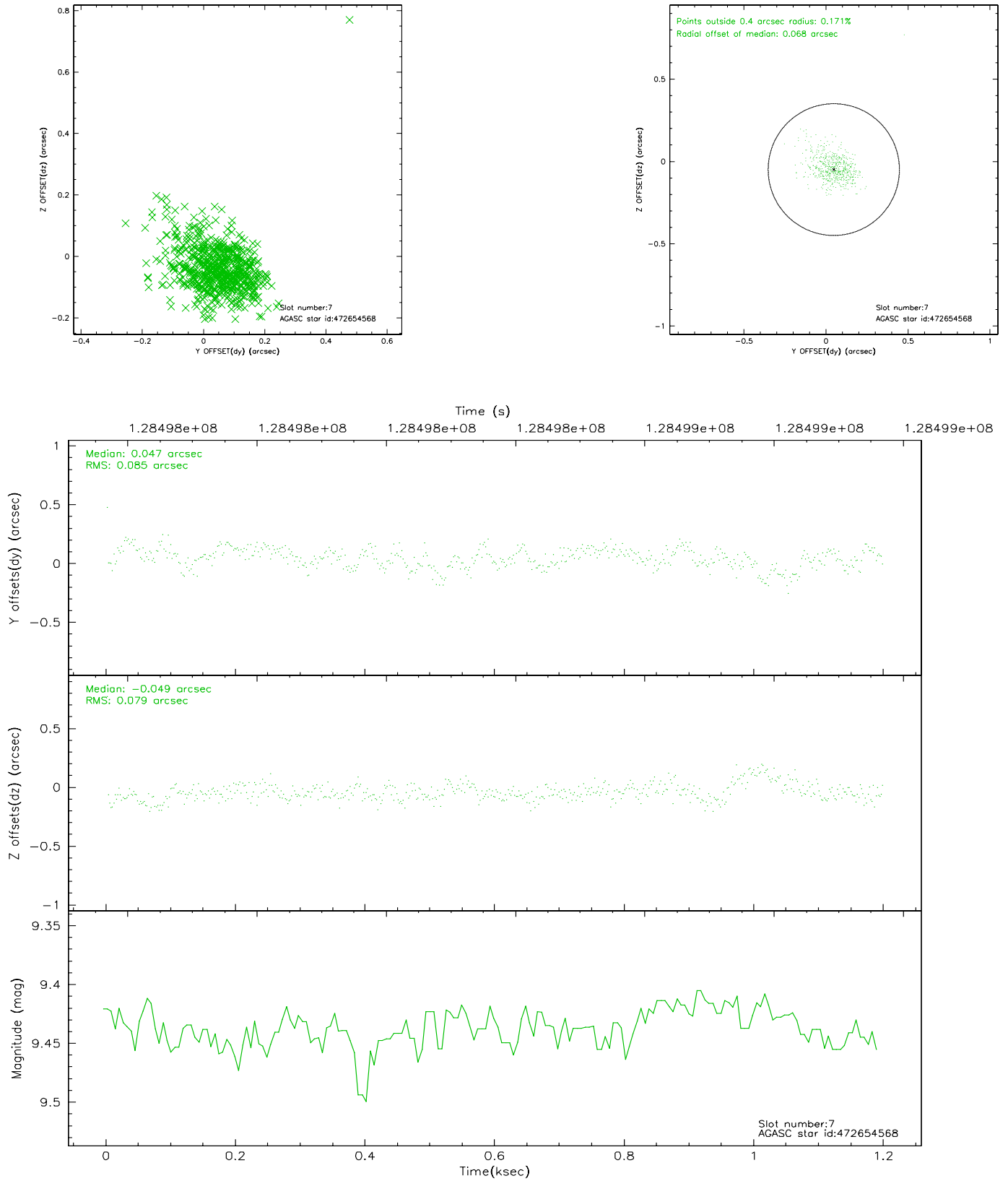
2.4.3 Slot 5



2.4.4 Slot 6

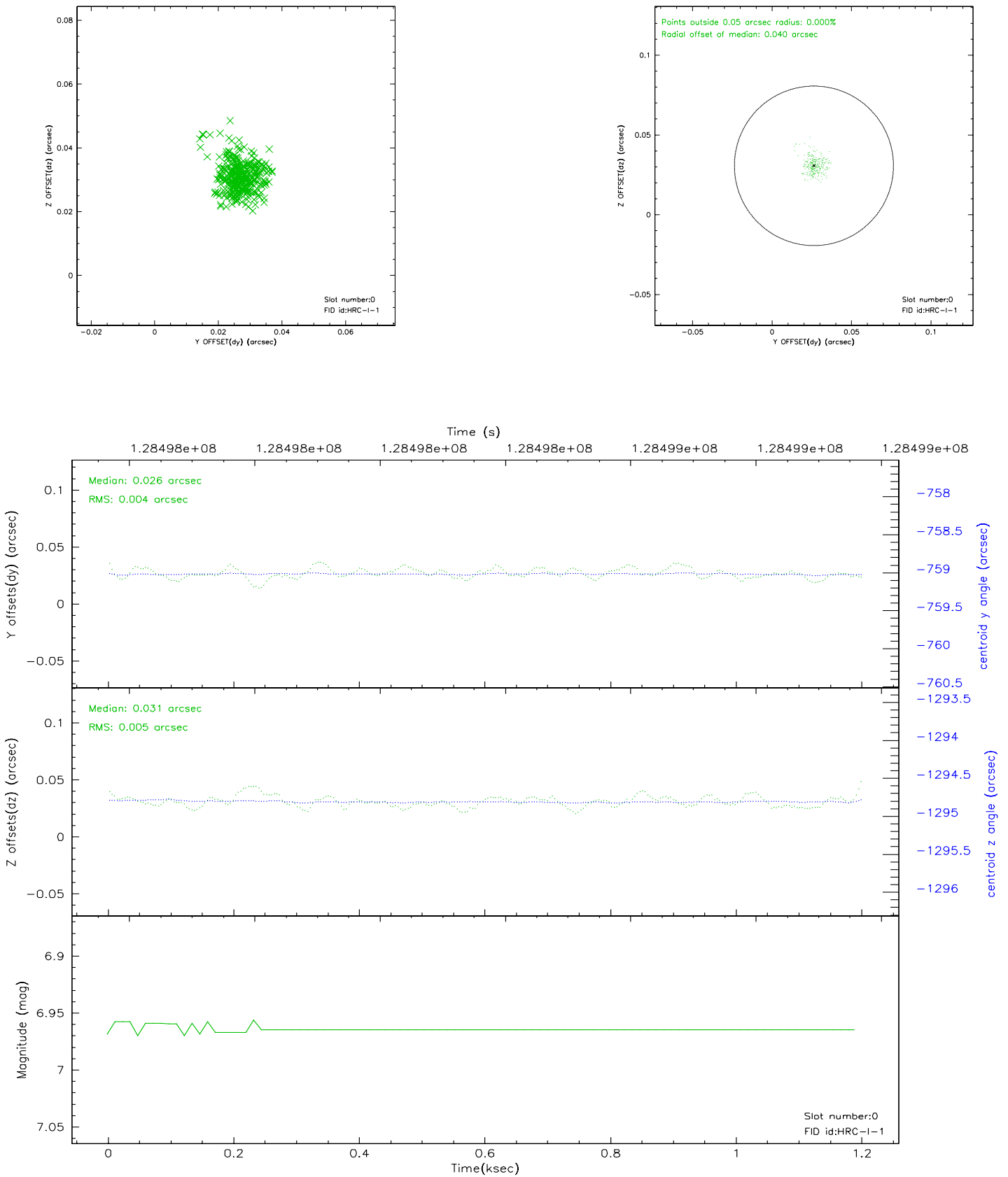


2.4.5 Slot 7

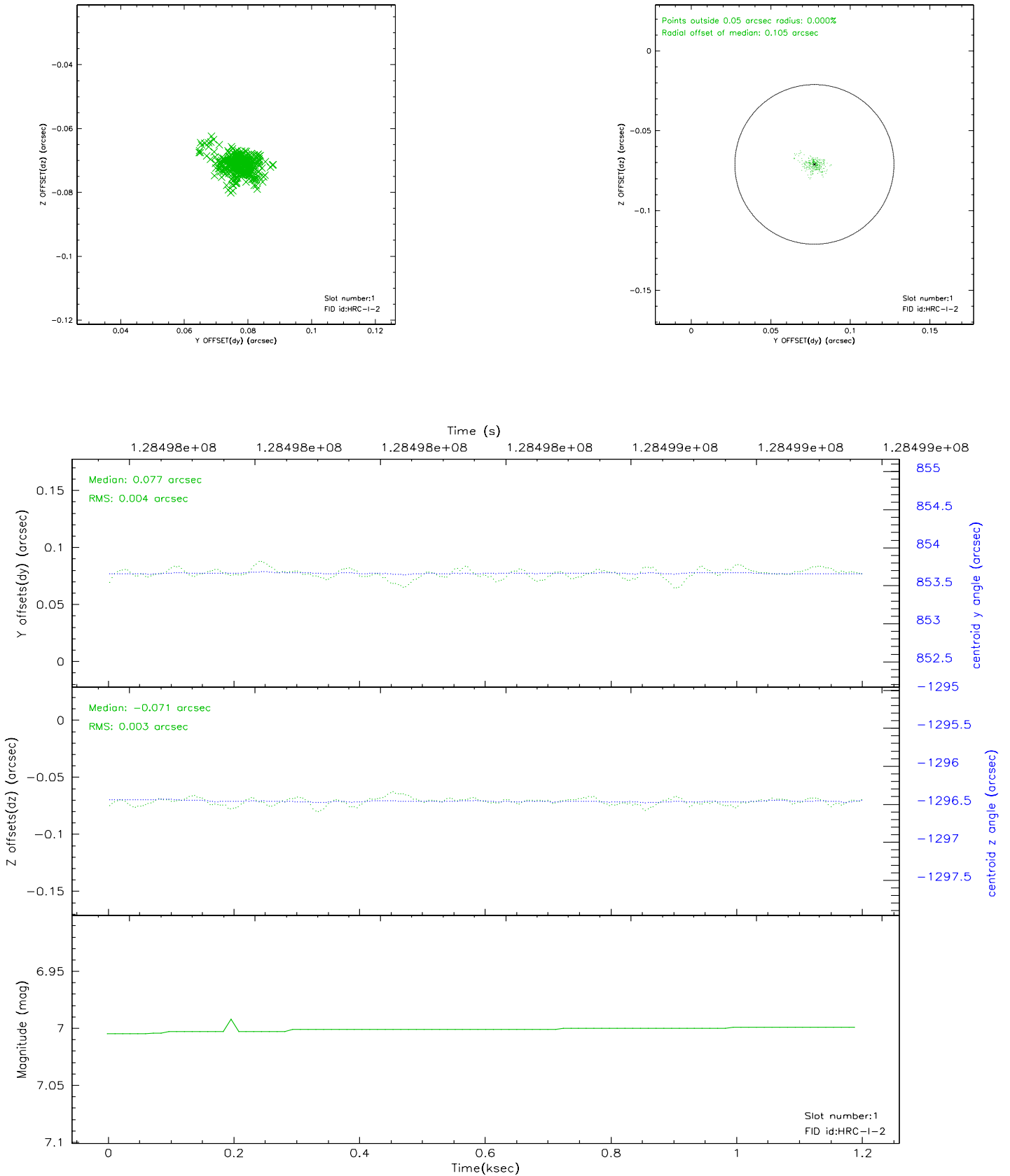


2.5 FID Slots

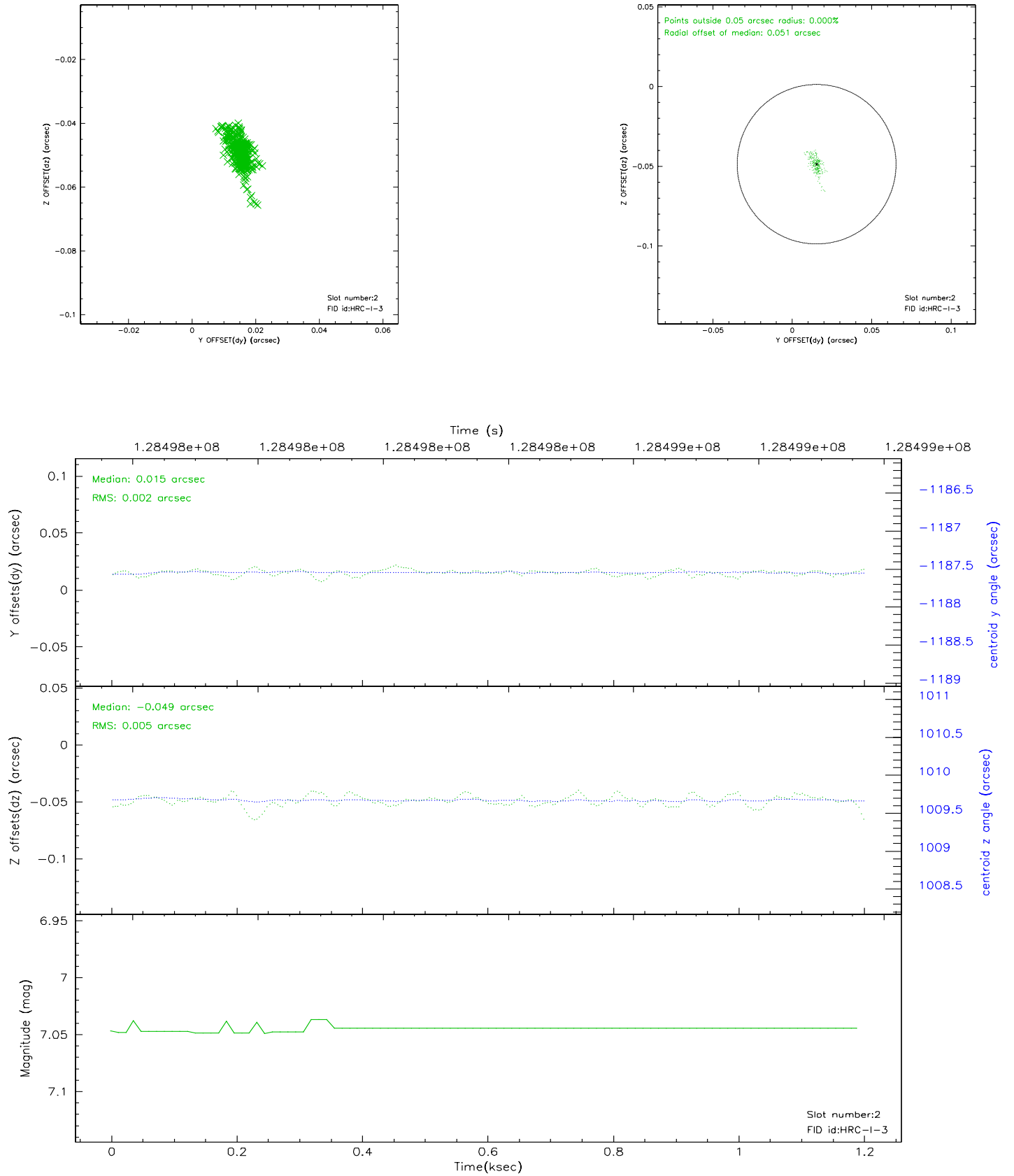
2.5.1 Slot 0



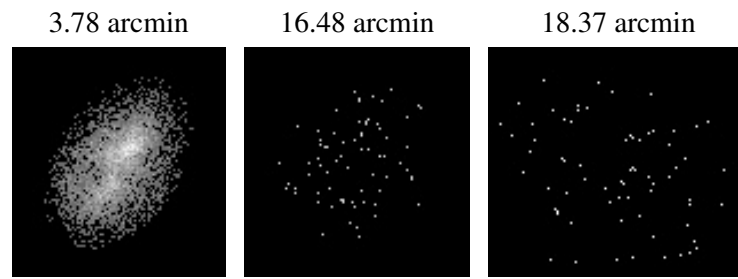
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.12.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.196

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.