

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 5346 - L2 Version 3
Chandra X-Ray Center

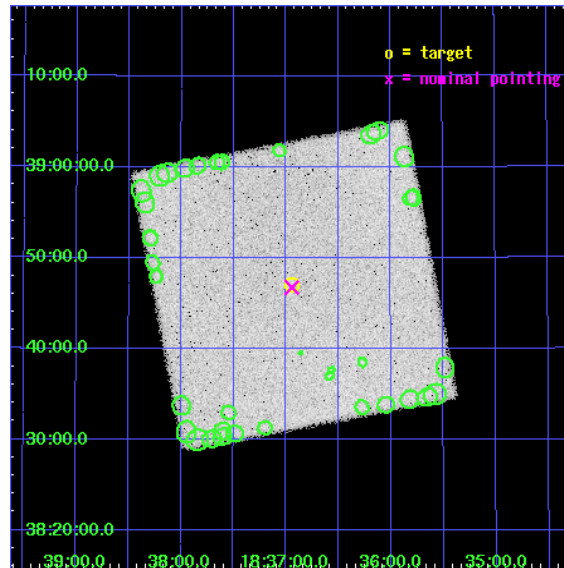
L2 Processing Date : Nov 23 2007

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1 Front

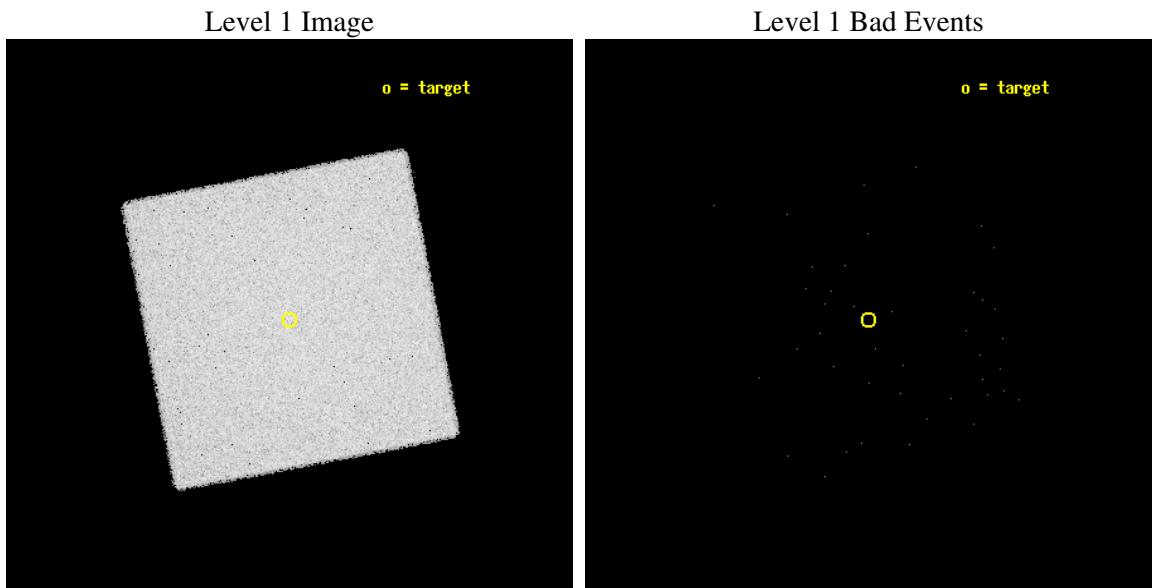
seq_num	290443
obs_id	5346
title	Monitoring the health of the HRC UV Ion shield
observer	Dr. CXC Calibration
object	Vega
ra_targ	279.235
dec_targ	38.783778
ra_nom	279.23584767744
dec_nom	38.779662142439
roll_nom	304.29555147595
revision	3
ontime	3182.8813927174
livetime	3126.269678229
l2events	259230



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	2007-11-24T01:02:36
revision	3

sched_exp_time	3000.000000
ontime	3182.8813927174
l1events	480970

2.1.3 Events

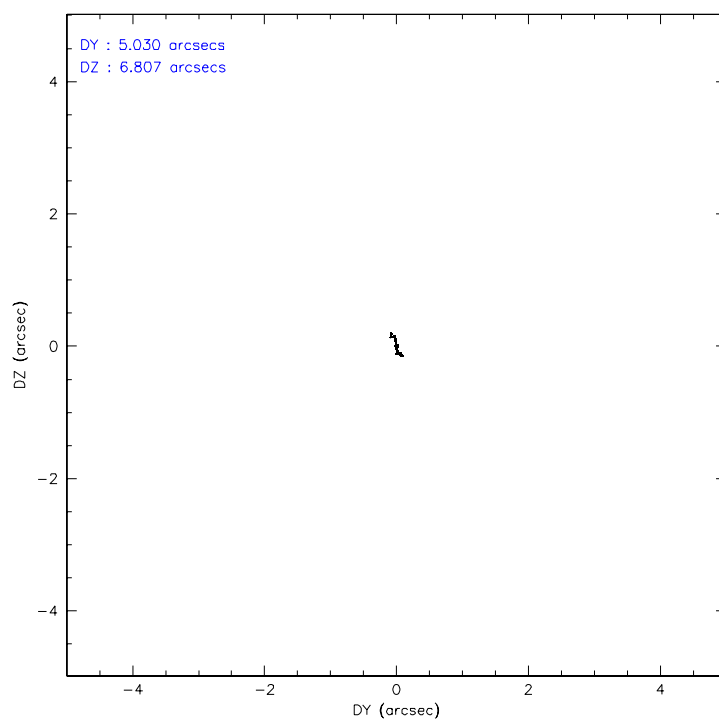
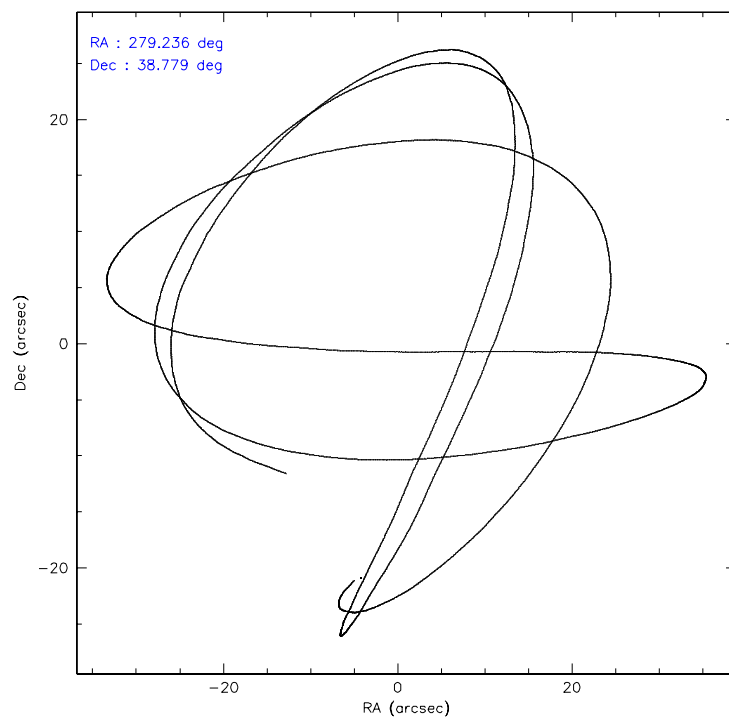
Level 1 Events

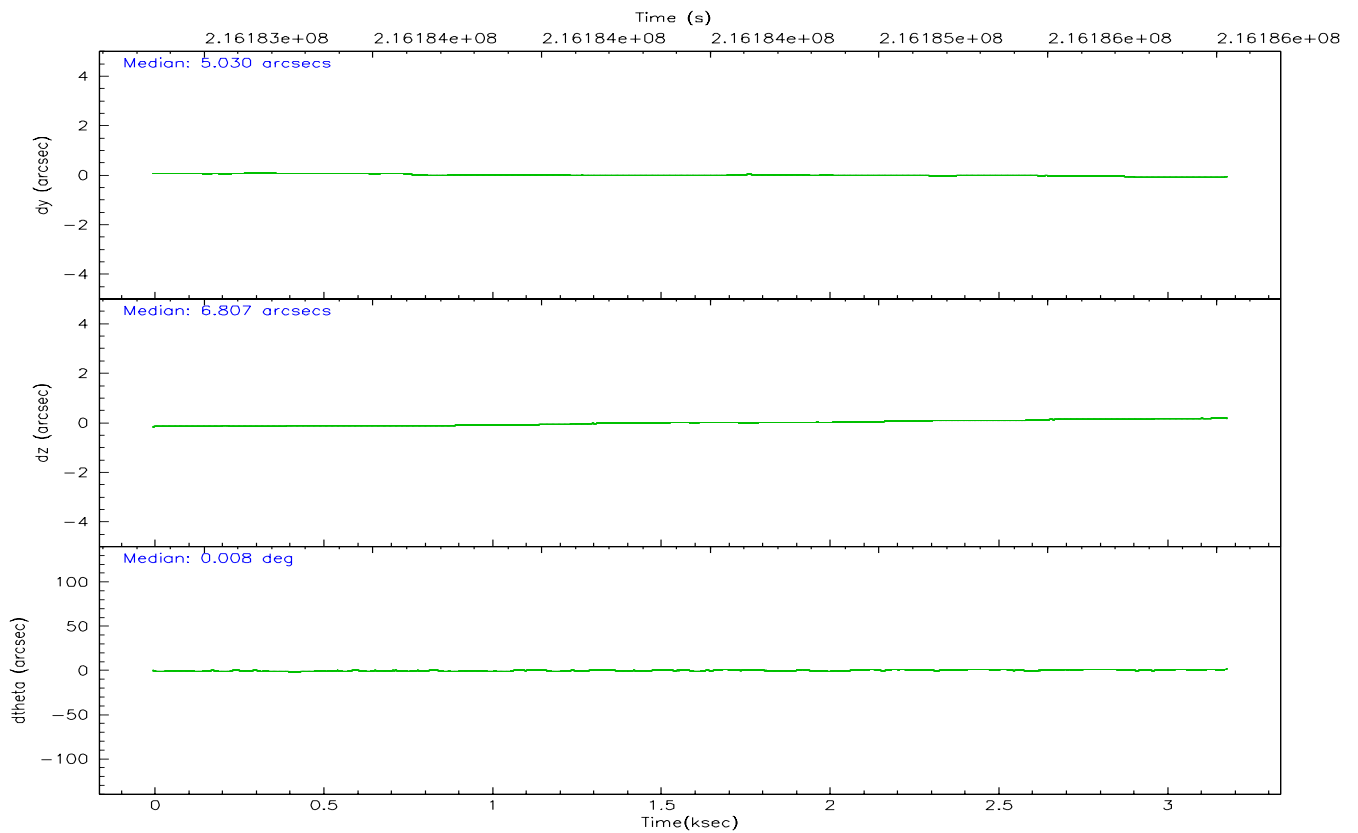
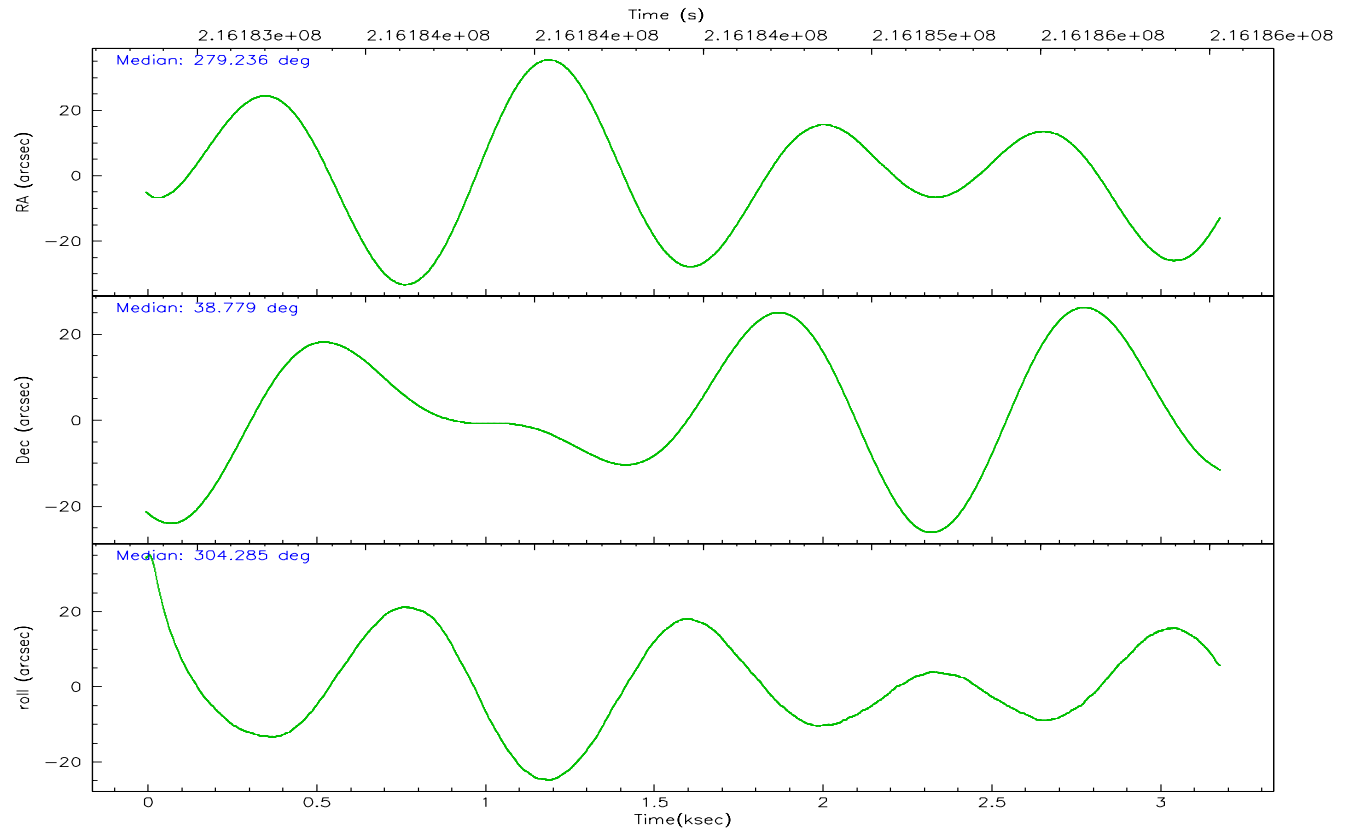
	segment 0
level 1 events	480970
rejected events	112384
rejected %	23%

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	279.204403	279.2358476774438			
Pointing Dec	38.790880	38.77966214243935			
Pointing Roll	304.410649	304.2955514759536			
Window start time	215654464.184000	215654464.184000			
Window stop time	218246404.184000	218246404.184000			
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	216183024.184000	216181795.34876			
Observation start date	2004-11-07T02:49:20	2004-11-07T02:29:55			
Observation end time	216186024.184000	216186158.26145			
Observation end date	2004-11-07T03:39:20	2004-11-07T03:42:38			

2.3 Aspect



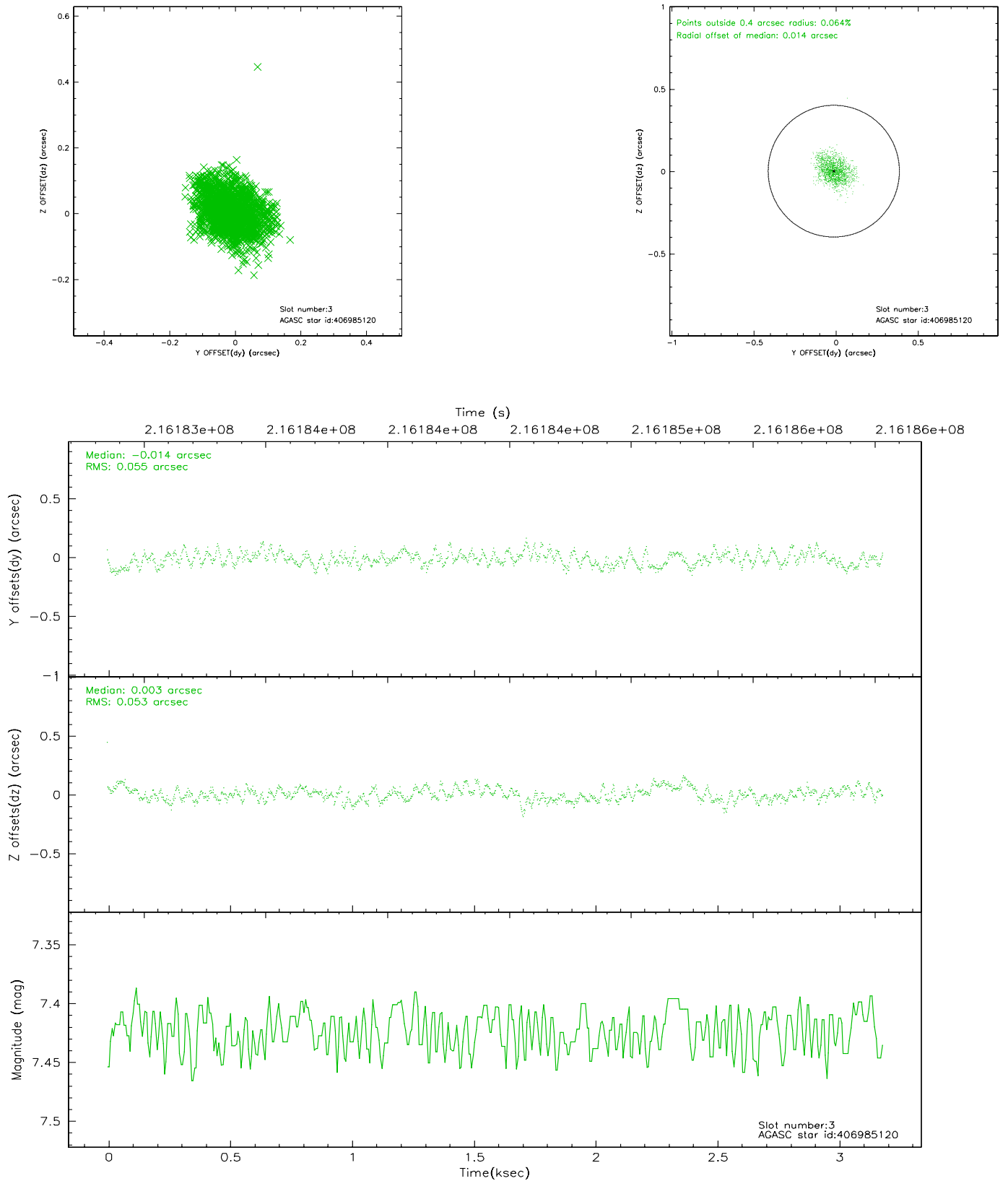


Slot Statistics

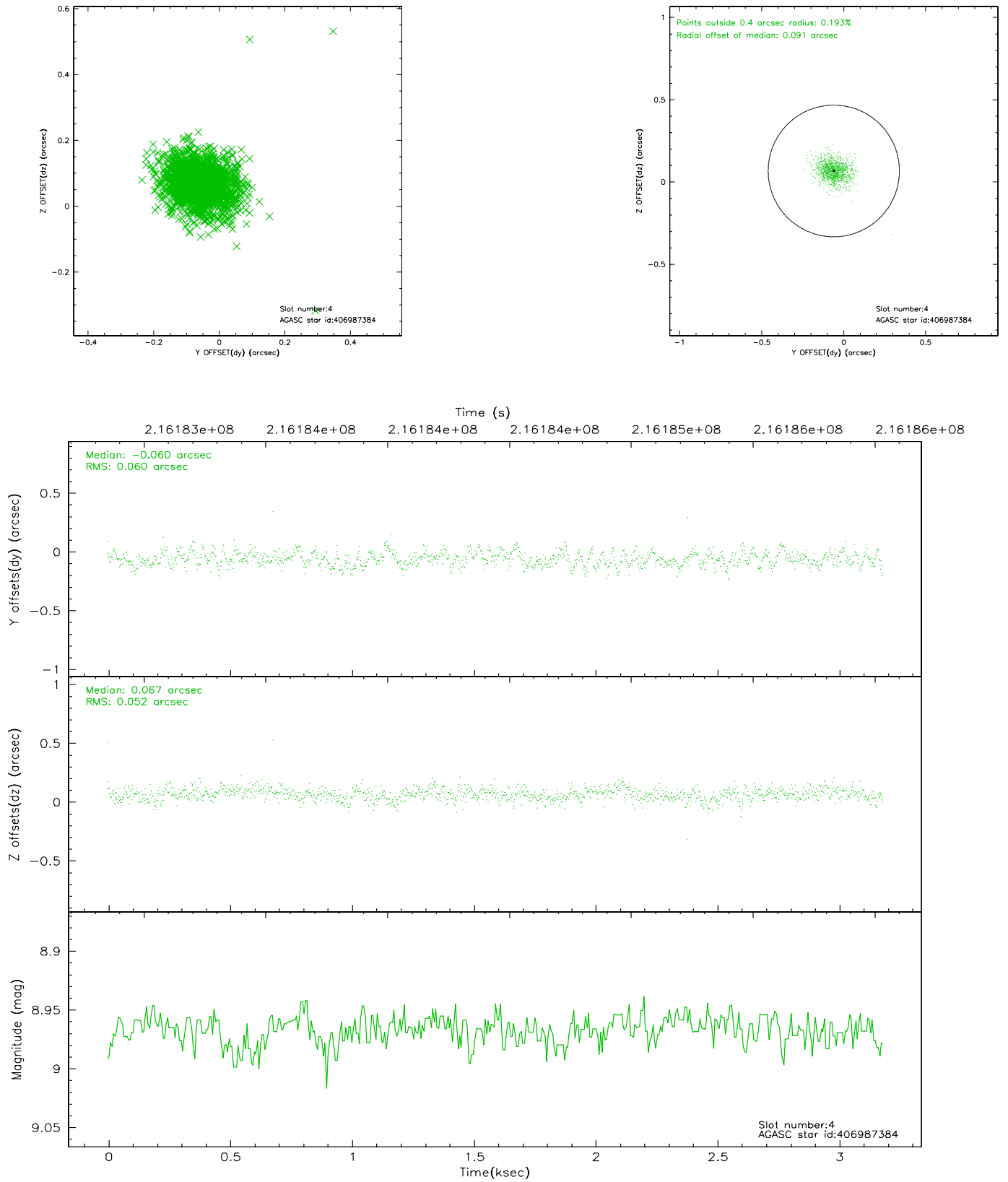
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-2	7.01	777	0.081	-0.046	0.010	0.017	0.000000	0.000000	852.16	-1296.30
1	FID	HRC-I-3	7.05	777	-0.069	0.012	0.010	0.015	0.000000	0.000000	-1188.04	1008.19
2	FID	HRC-I-4	7.00	777	0.108	-0.052	0.007	0.011	0.000000	0.000000	1280.79	1008.73
3	GUIDE	406985120	7.42	1554	-0.014	0.003	0.082	0.131	278.839732	38.894839	-887.26	-629.70
4	GUIDE	406987384	8.97	1553	-0.060	0.067	0.081	0.135	278.815518	38.115336	1382.35	-2281.13
5	GUIDE	406990192	9.00	1553	0.047	-0.073	0.089	0.141	278.510952	38.533654	-343.86	-2131.05
6	GUIDE	406983600	8.91	1550	-0.028	-0.002	0.101	0.157	279.940957	39.020708	475.15	2171.46
7	GUIDE	407521232	8.65	1553	0.050	0.002	0.108	0.165	279.628883	39.431715	-1238.15	2281.03

2.4 Star Slots

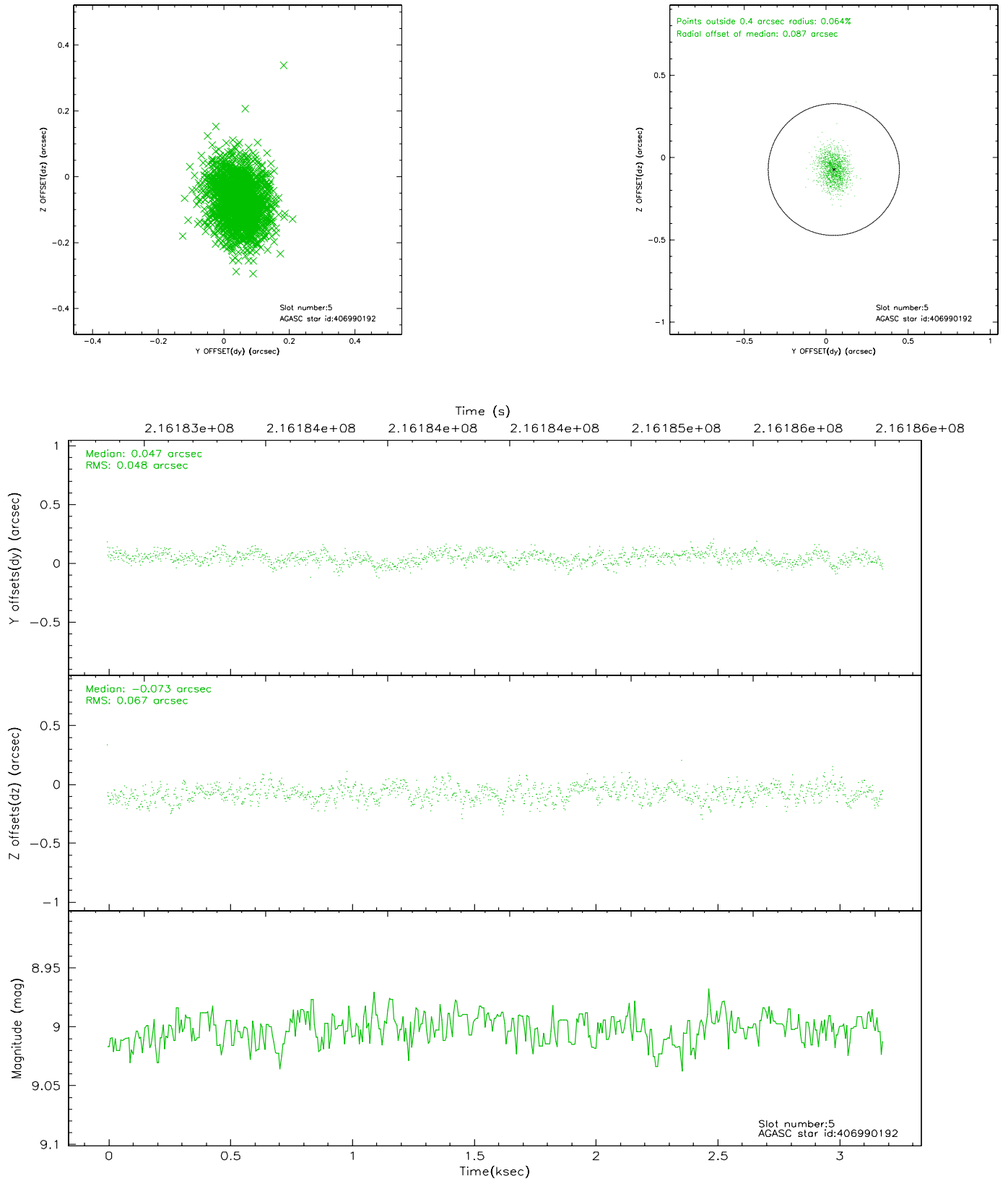
2.4.1 Slot 3



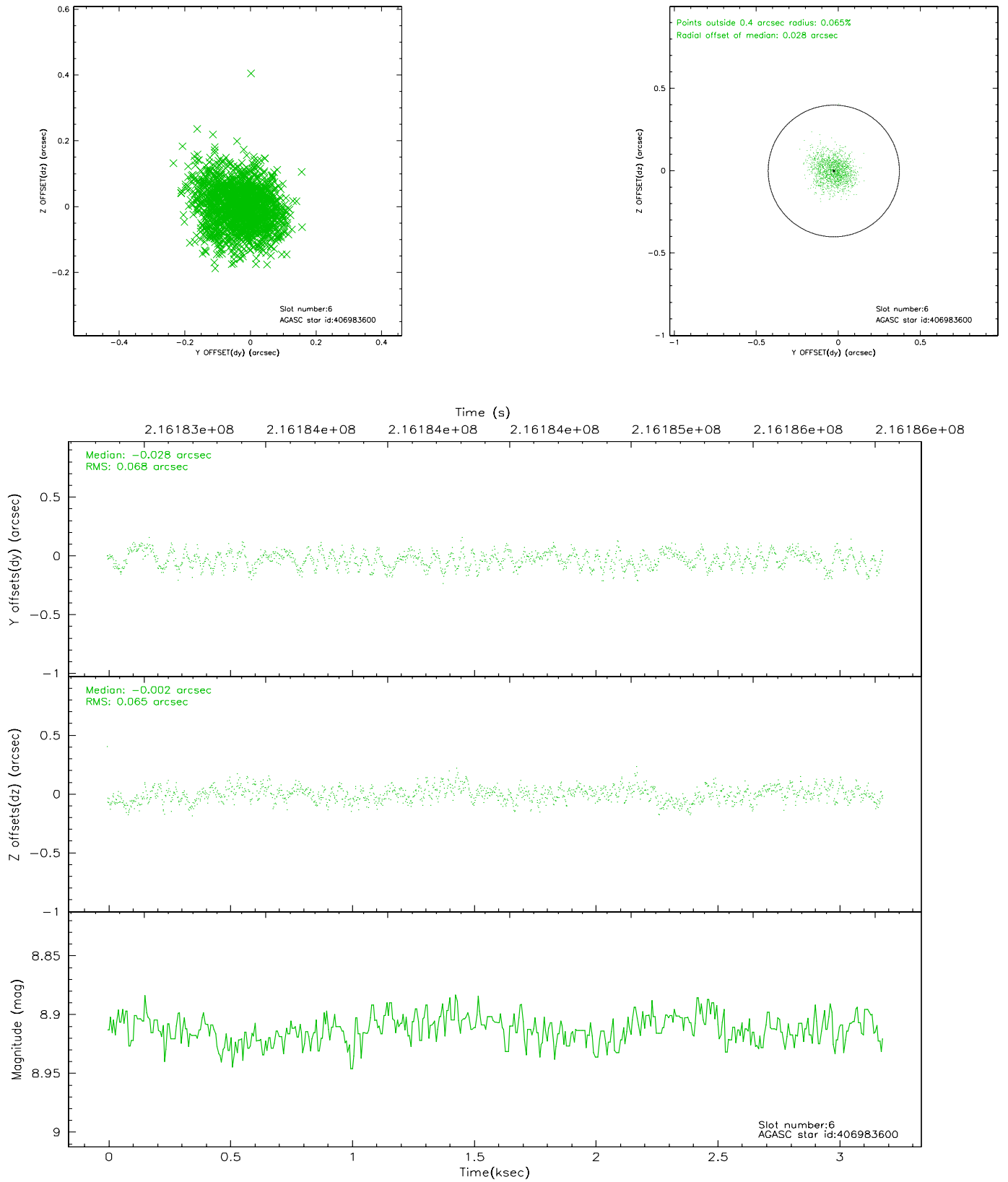
2.4.2 Slot 4



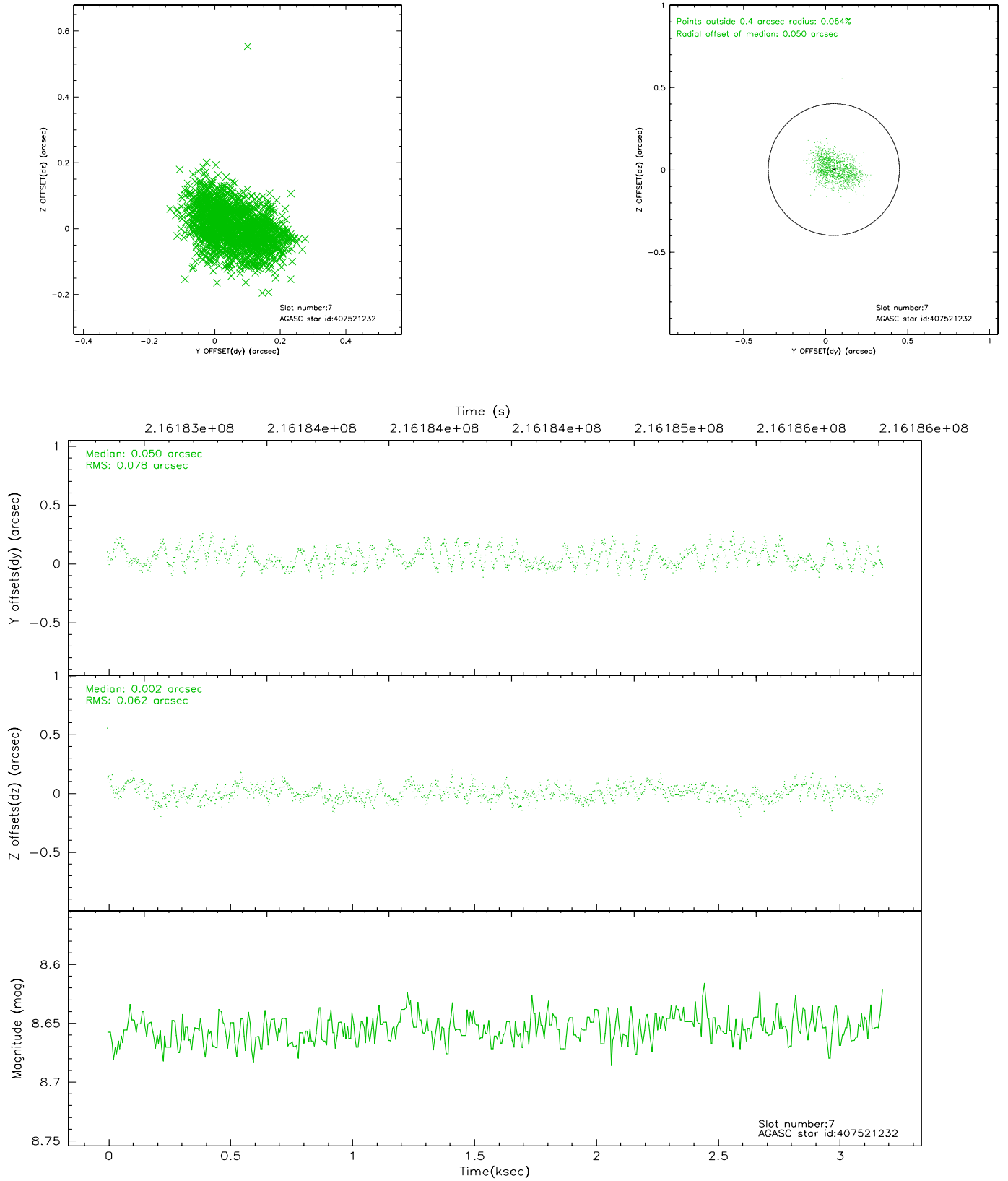
2.4.3 Slot 5



2.4.4 Slot 6

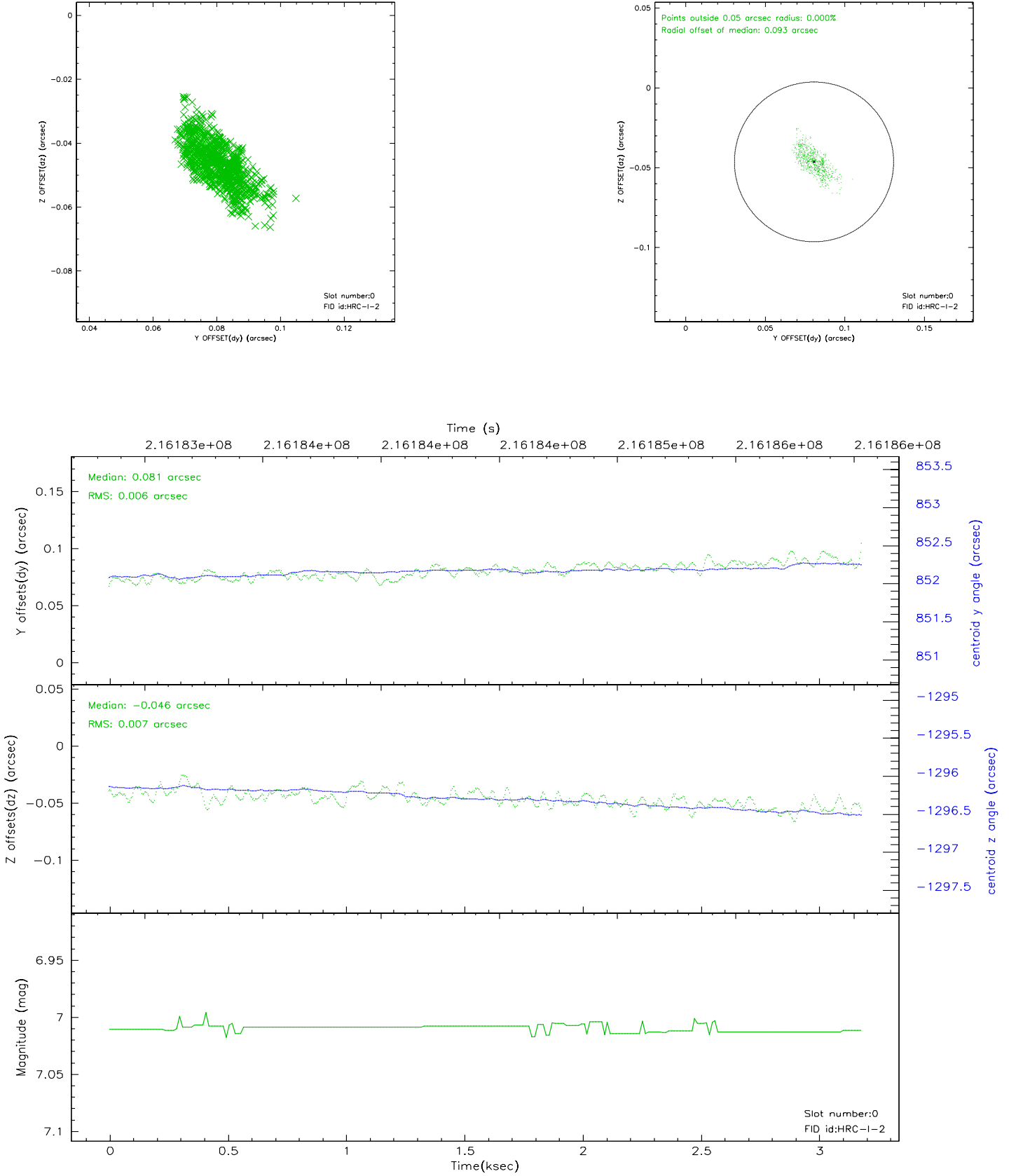


2.4.5 Slot 7

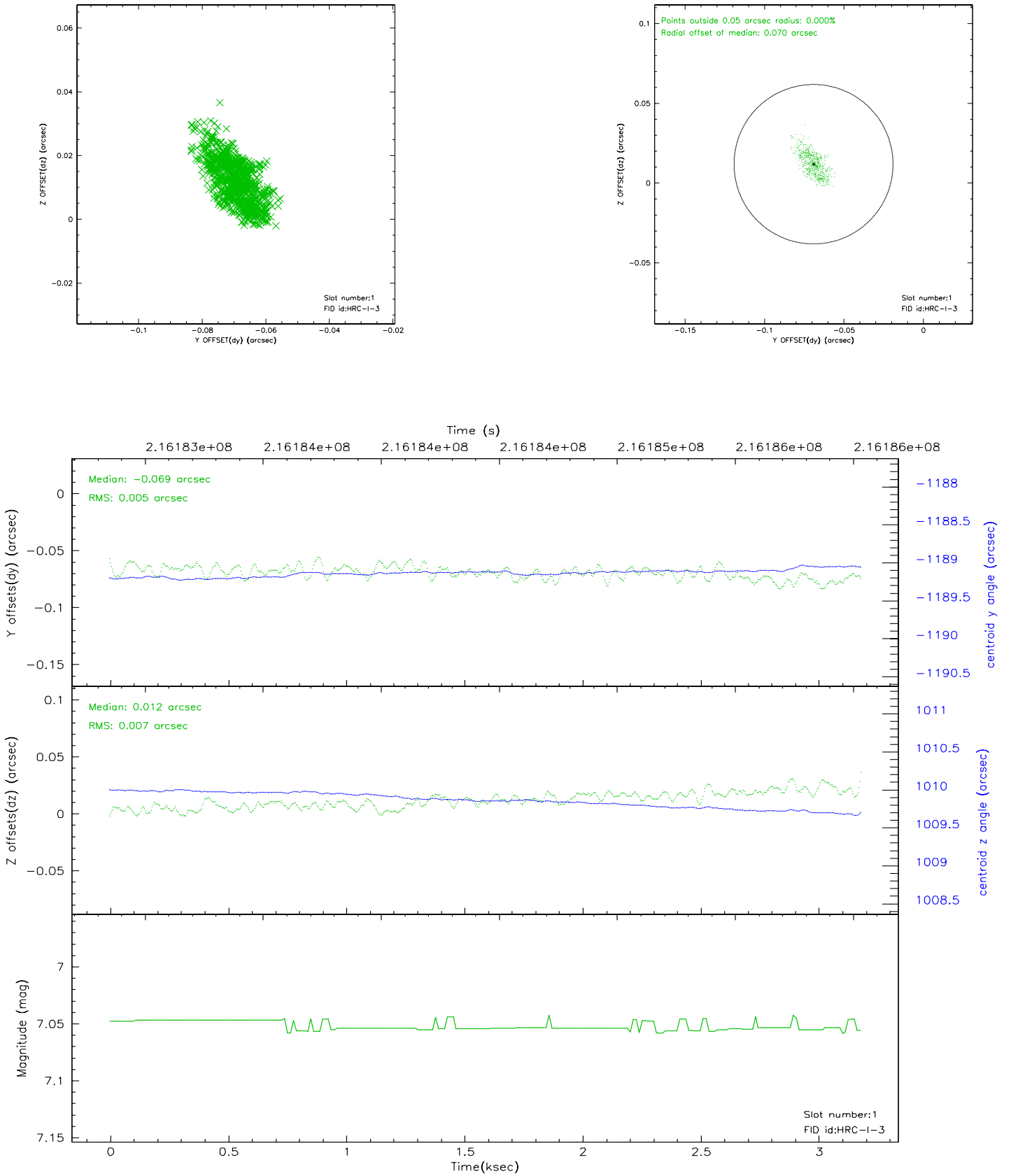


2.5 FID Slots

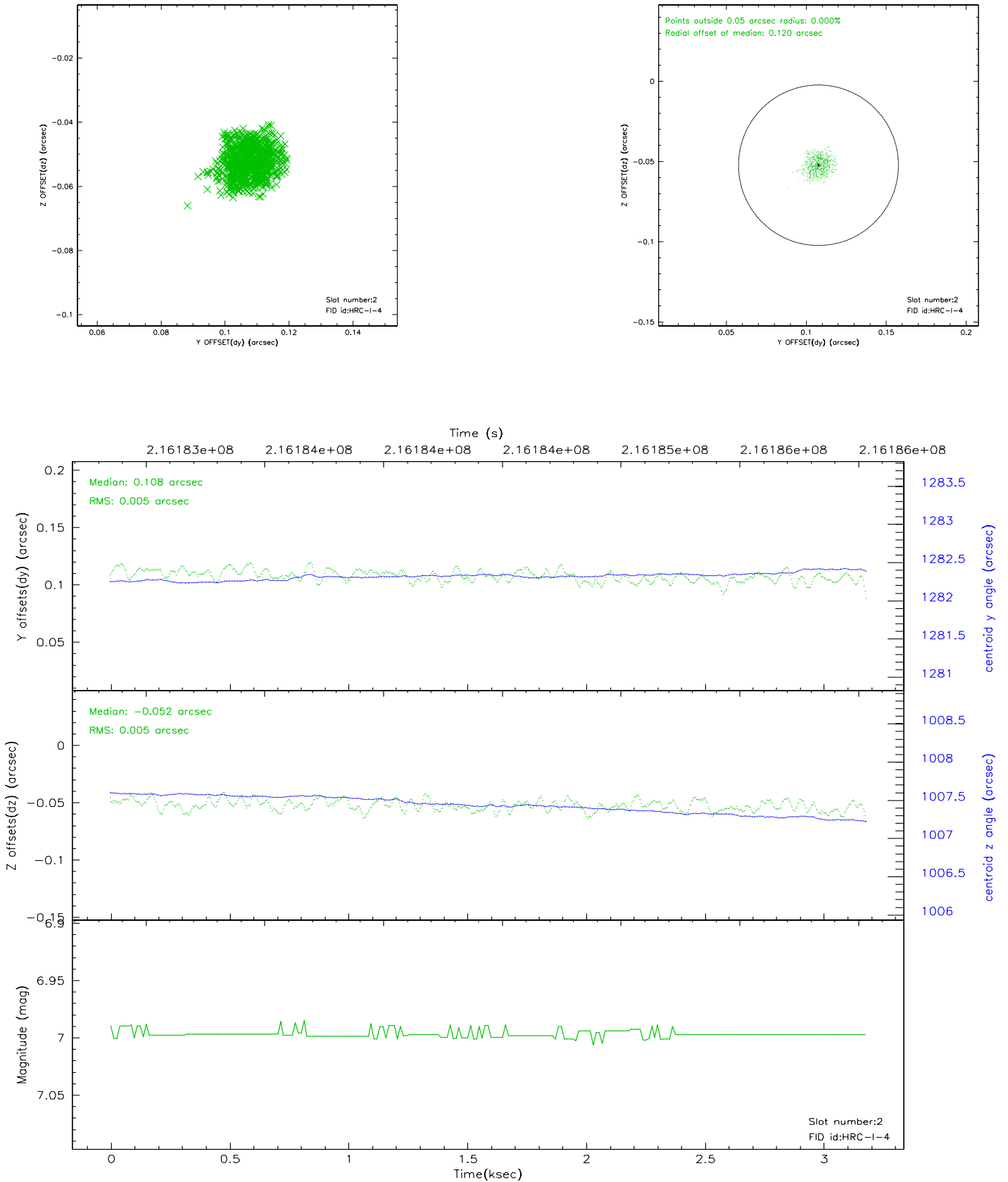
2.5.1 Slot 0



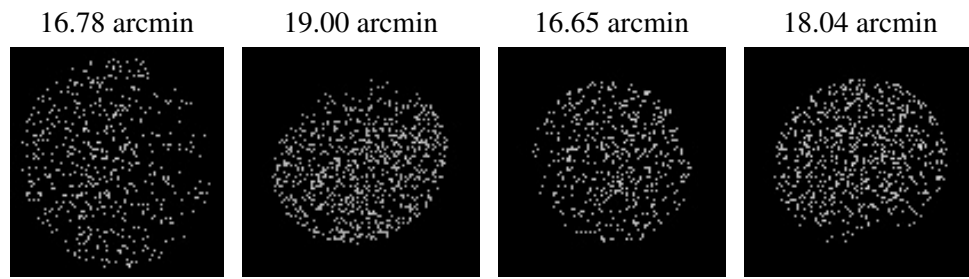
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.12.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.182

A.2 Comments

Window constraint met.

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.