

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 5925 - L2 Version 3
Chandra X-Ray Center

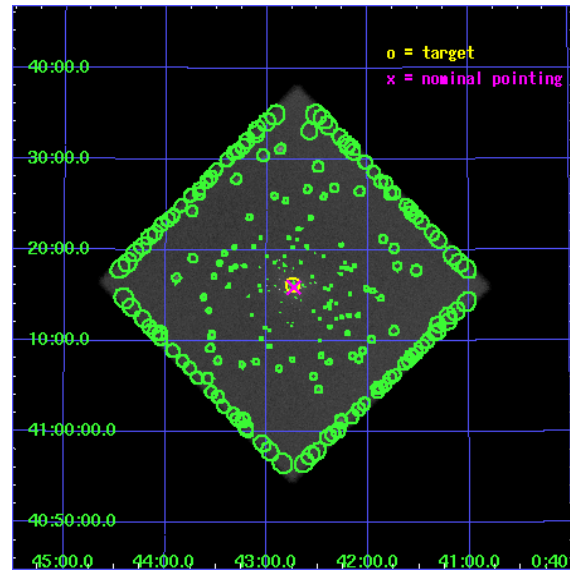
L2 Processing Date : Nov 24 2007

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1 Front

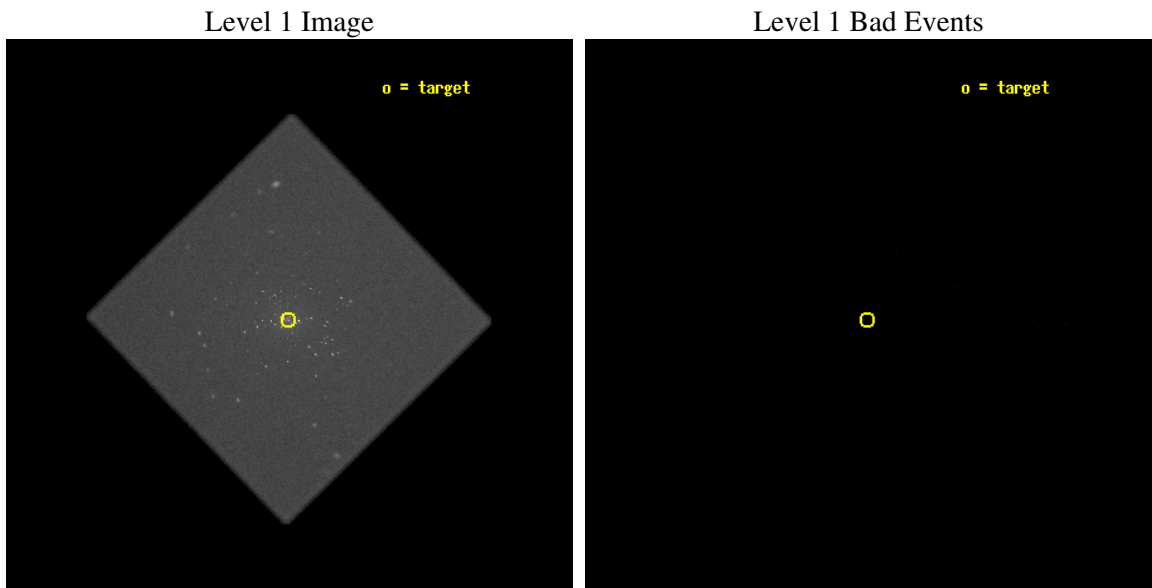
seq_num	600444
obs_id	5925
title	M31* - The Nearest Extra-galactic SuperMassive Black Hole
observer	Dr. MICHAEL GARCIA
object	M31*
ra_targ	10.685
dec_targ	41.268972
ra_nom	10.682947719438
dec_nom	41.265117160004
roll_nom	270.74849879158
revision	3
ontime	46683.627099484
livetime	46310.984247459
l2events	2136869



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	2007-11-24T05:09:21
revision	3

sched_exp_time	46500.000000
ontime	46683.627099484
l1events	3220756

2.1.3 Events

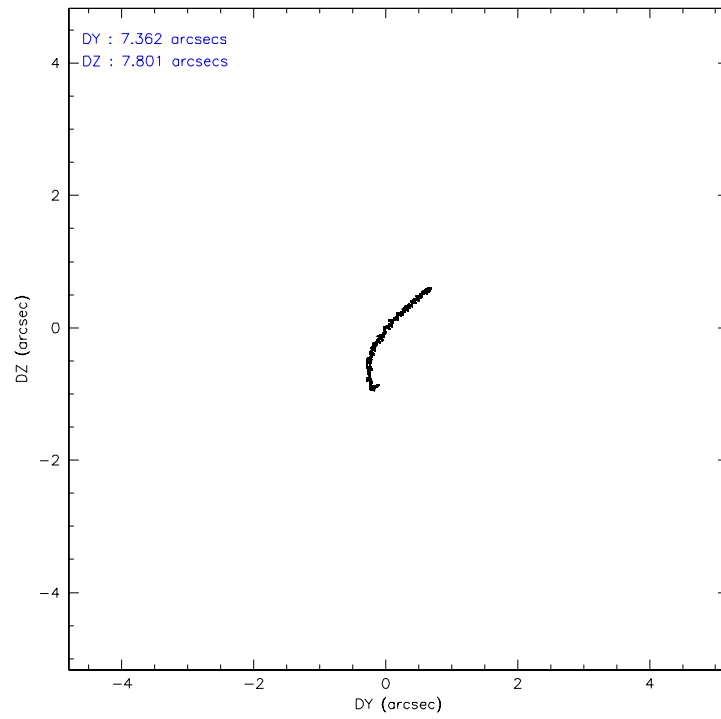
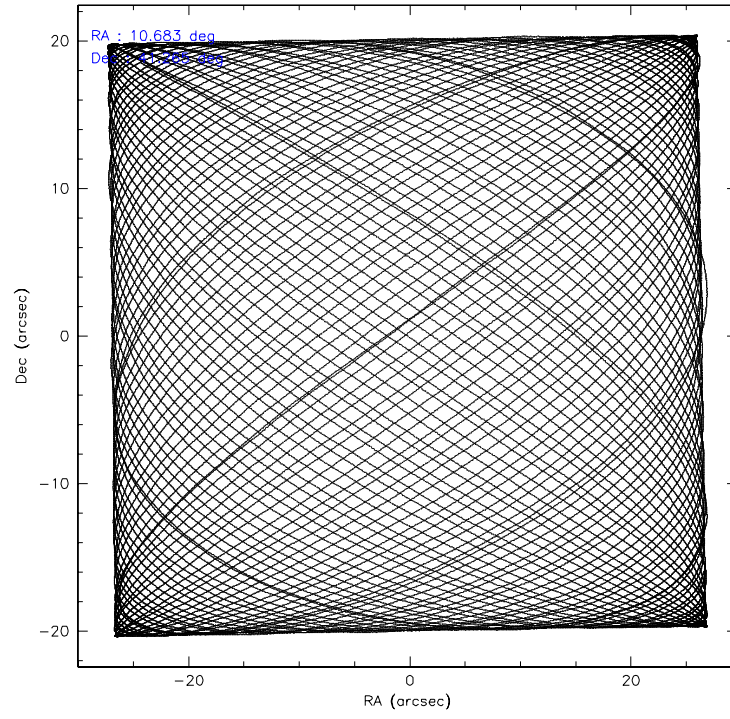
Level 1 Events

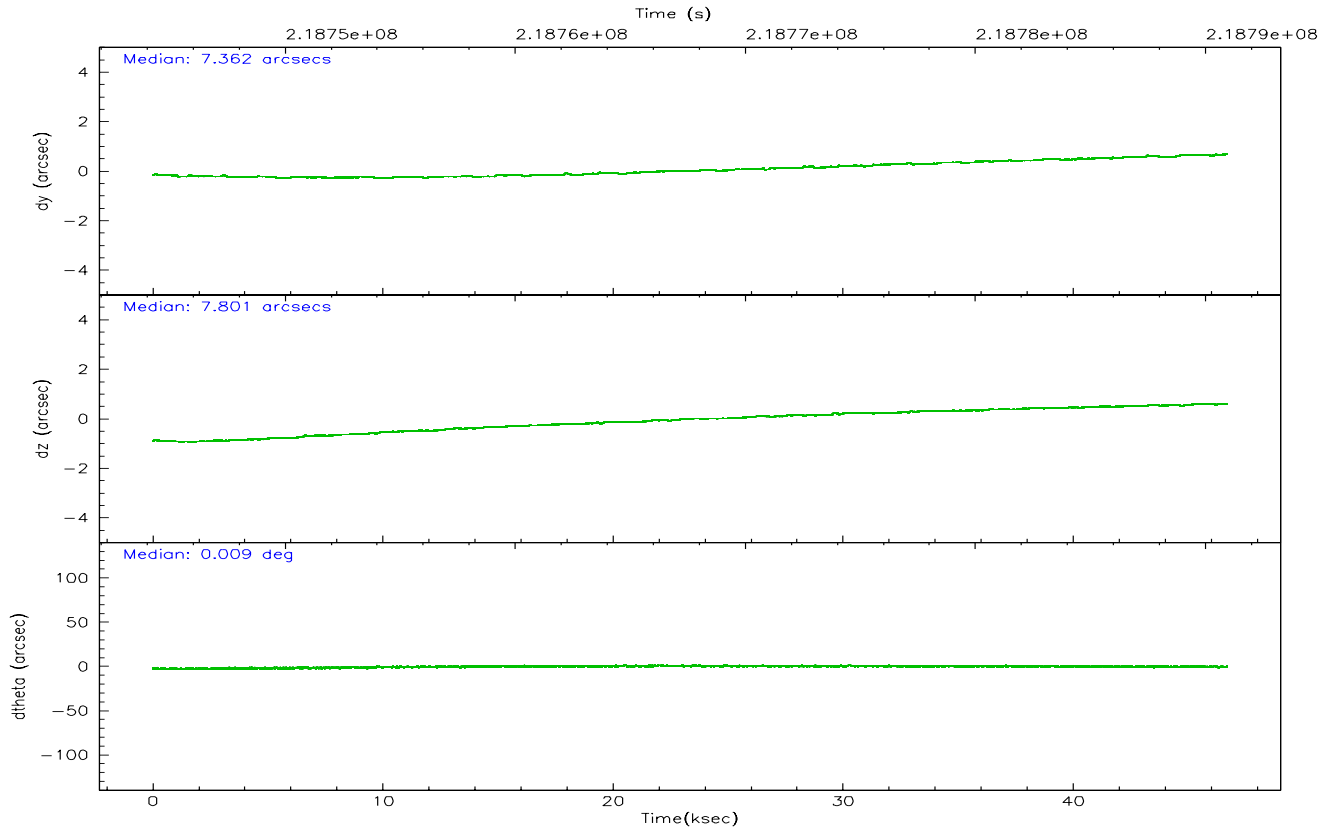
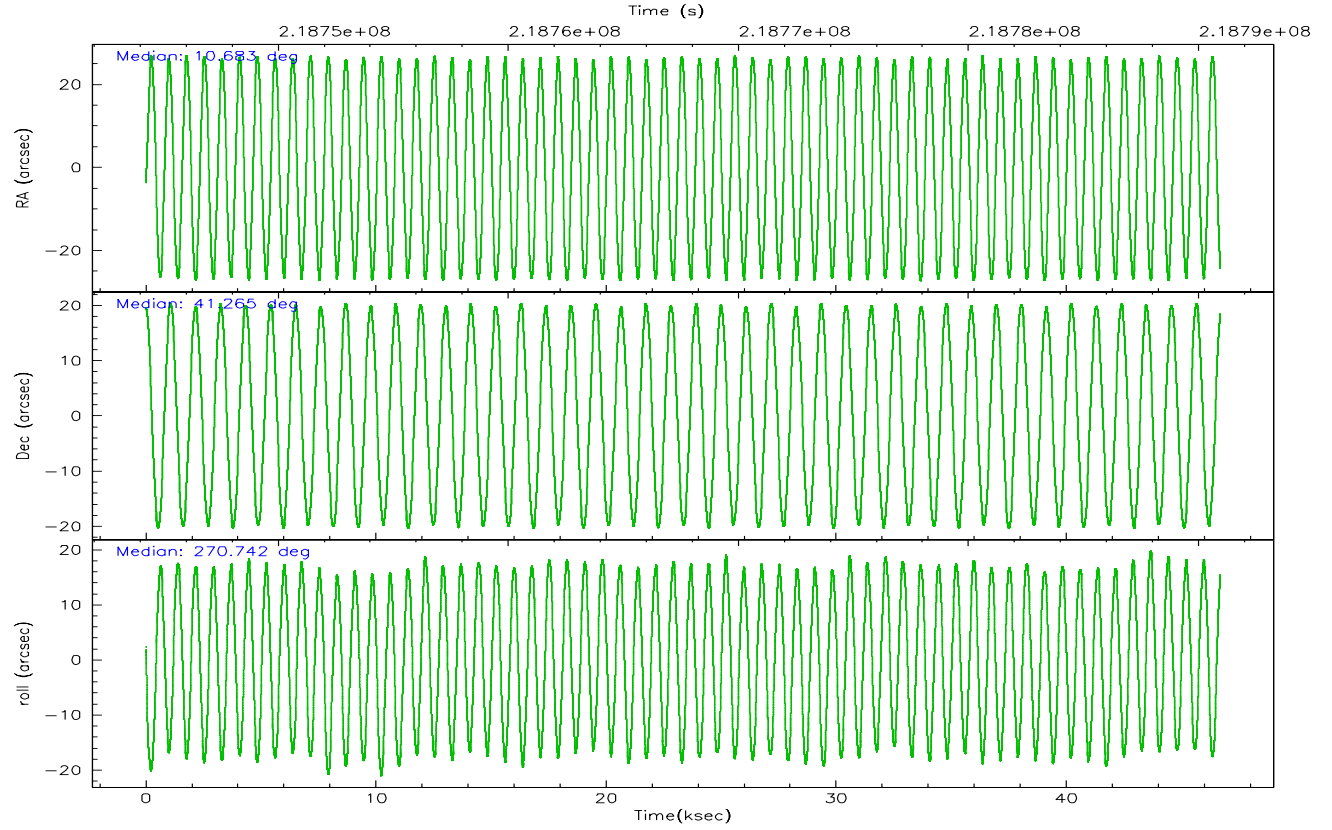
	segment 0
level 1 events	3220756
rejected events	67742
rejected %	2%

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	10.663780	10.6829477194383			
Pointing Dec	41.288075	41.2651171600037			
Pointing Roll	270.856630	270.7484987915792			
Window start time	212976064.184000	212976064.184000			
Window stop time	227232064.184000	227232064.184000			
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	218744446.184000	218743736.3263			
Observation start date	2004-12-06T18:19:42	2004-12-06T18:08:56			
Observation end time	218790946.184000	218791451.10345			
Observation end date	2004-12-07T07:14:42	2004-12-07T07:24:11			

2.3 Aspect



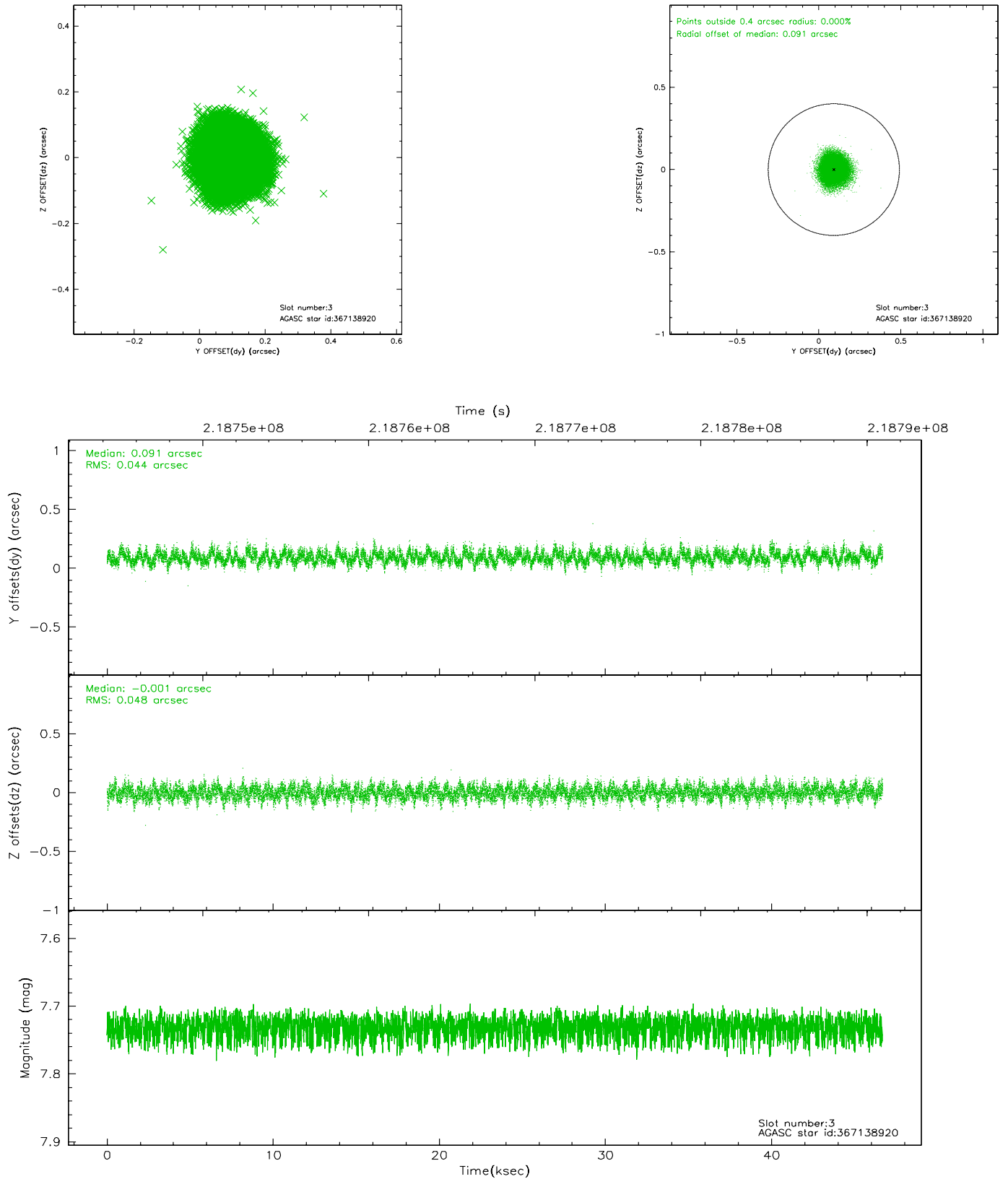


Slot Statistics

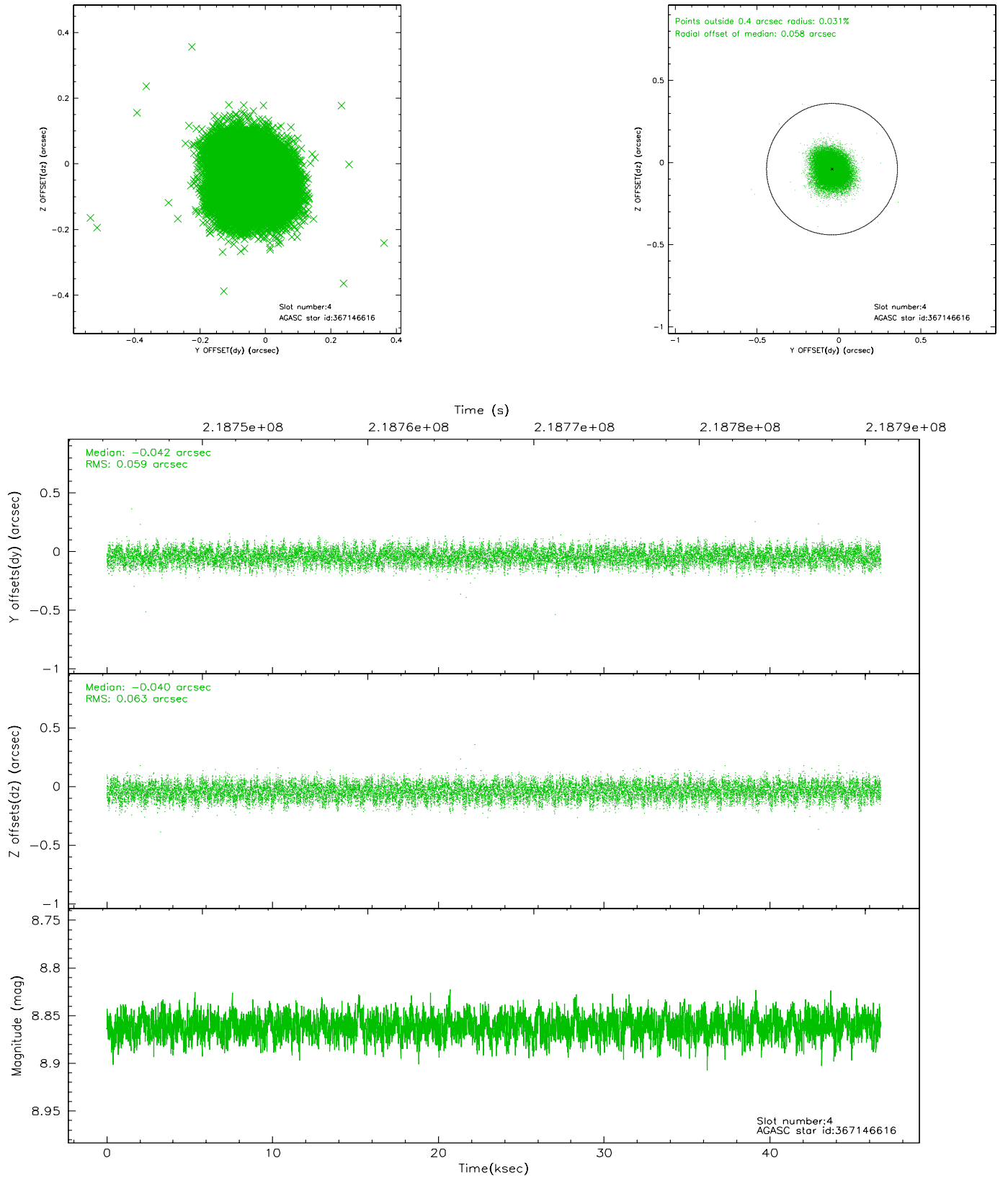
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	11387	0.010	0.046	0.023	0.040	0.000000	0.000000	-763.05	-1295.53
1	FID	HRC-I-2	7.01	11387	0.119	-0.105	0.029	0.044	0.000000	0.000000	849.63	-1297.38
2	FID	HRC-I-3	7.06	11387	-0.012	-0.030	0.013	0.026	0.000000	0.000000	-1191.45	1008.85
3	GUIDE	367138920	7.73	22773	0.091	-0.001	0.070	0.111	11.513485	40.808909	1748.53	2289.99
4	GUIDE	367146616	8.86	22763	-0.042	-0.040	0.094	0.144	11.418645	41.190163	374.15	2039.63
5	GUIDE	367148872	7.24	22768	-0.001	0.057	0.070	0.113	10.505940	40.688258	2152.85	-462.90
6	GUIDE	367658664	9.61	22759	-0.006	-0.036	0.115	0.187	10.374070	41.369746	-306.63	-778.38
7	GUIDE	367674552	8.85	22748	-0.042	0.023	0.074	0.120	11.016238	41.570845	-1005.53	964.27

2.4 Star Slots

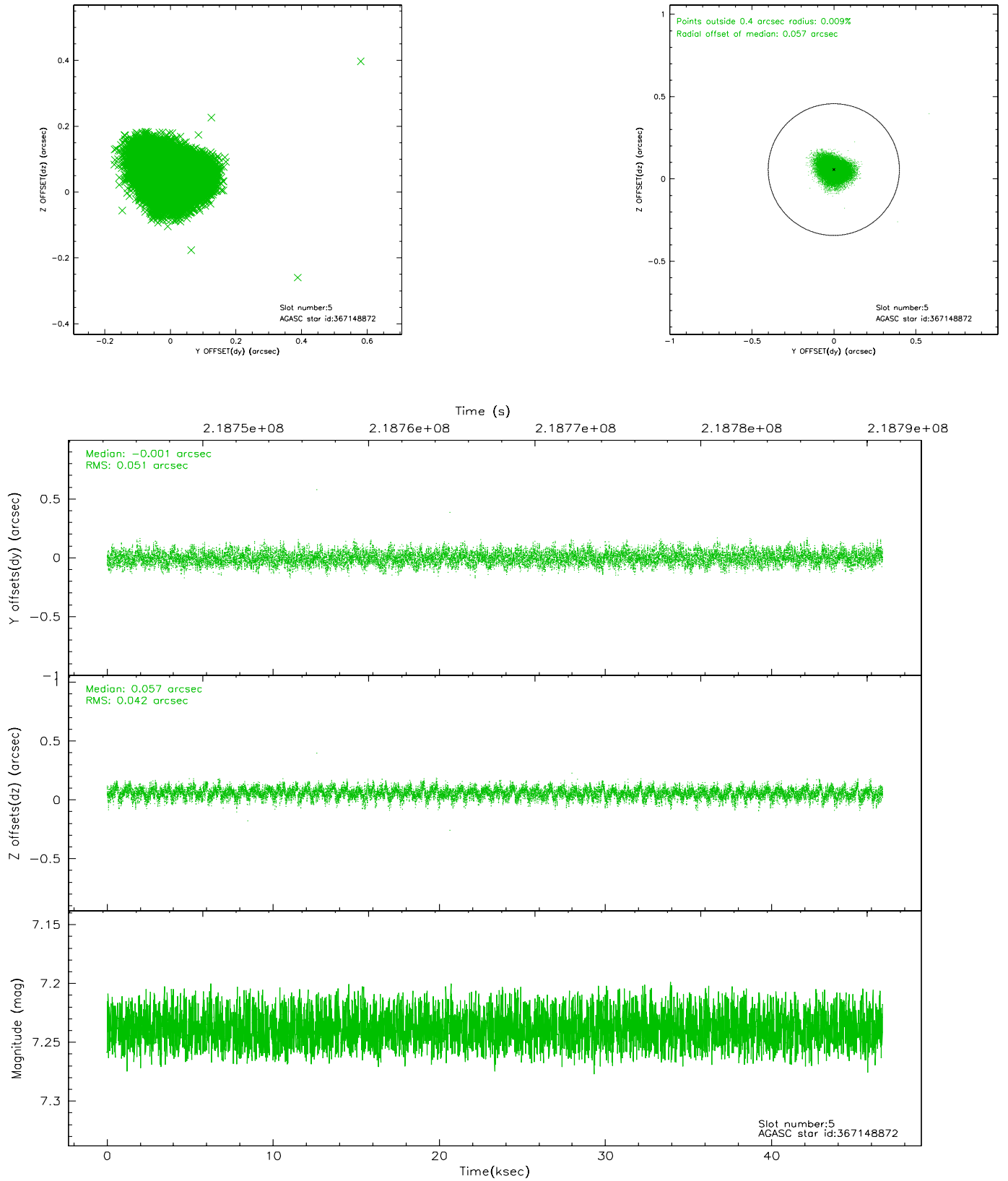
2.4.1 Slot 3



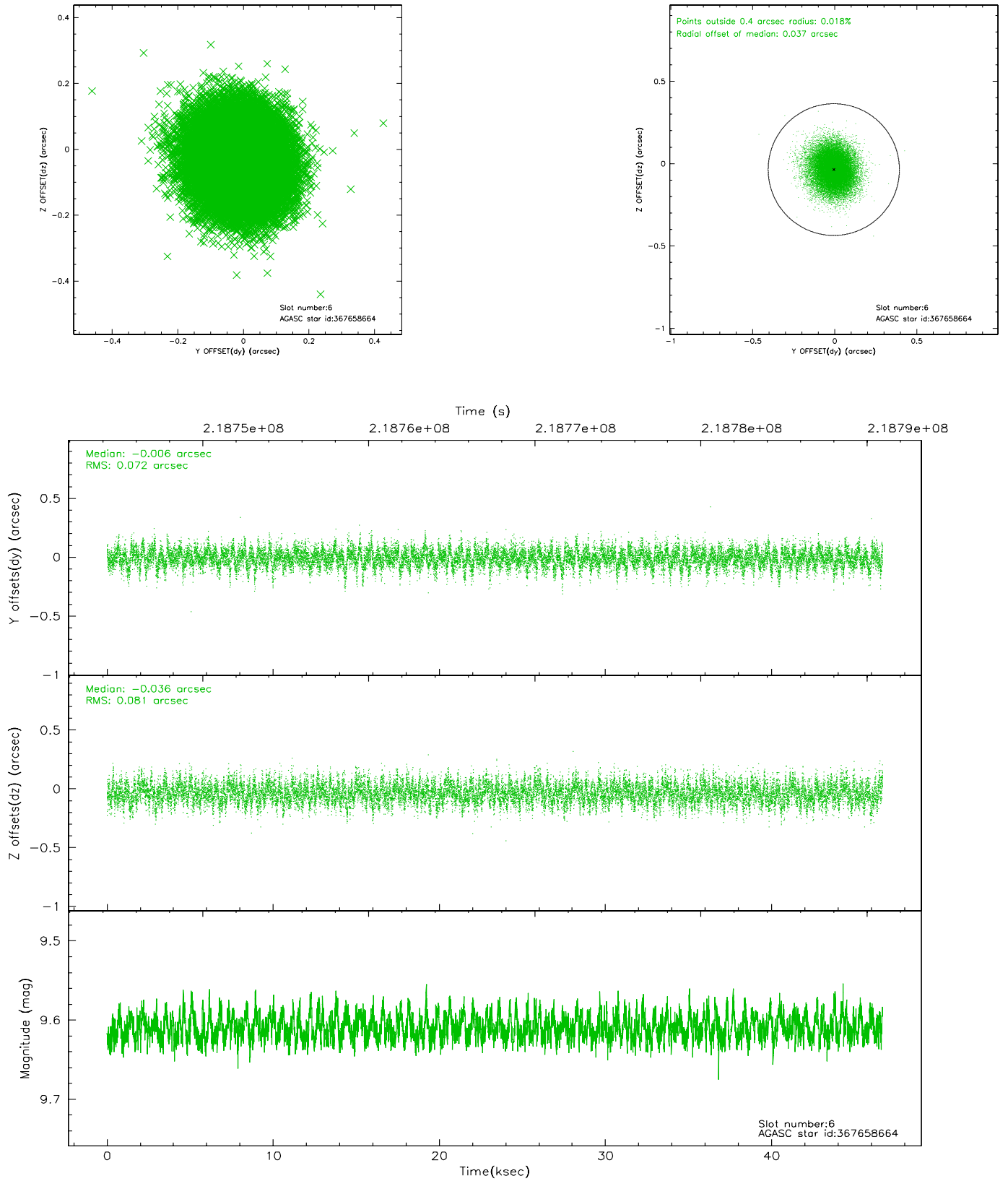
2.4.2 Slot 4



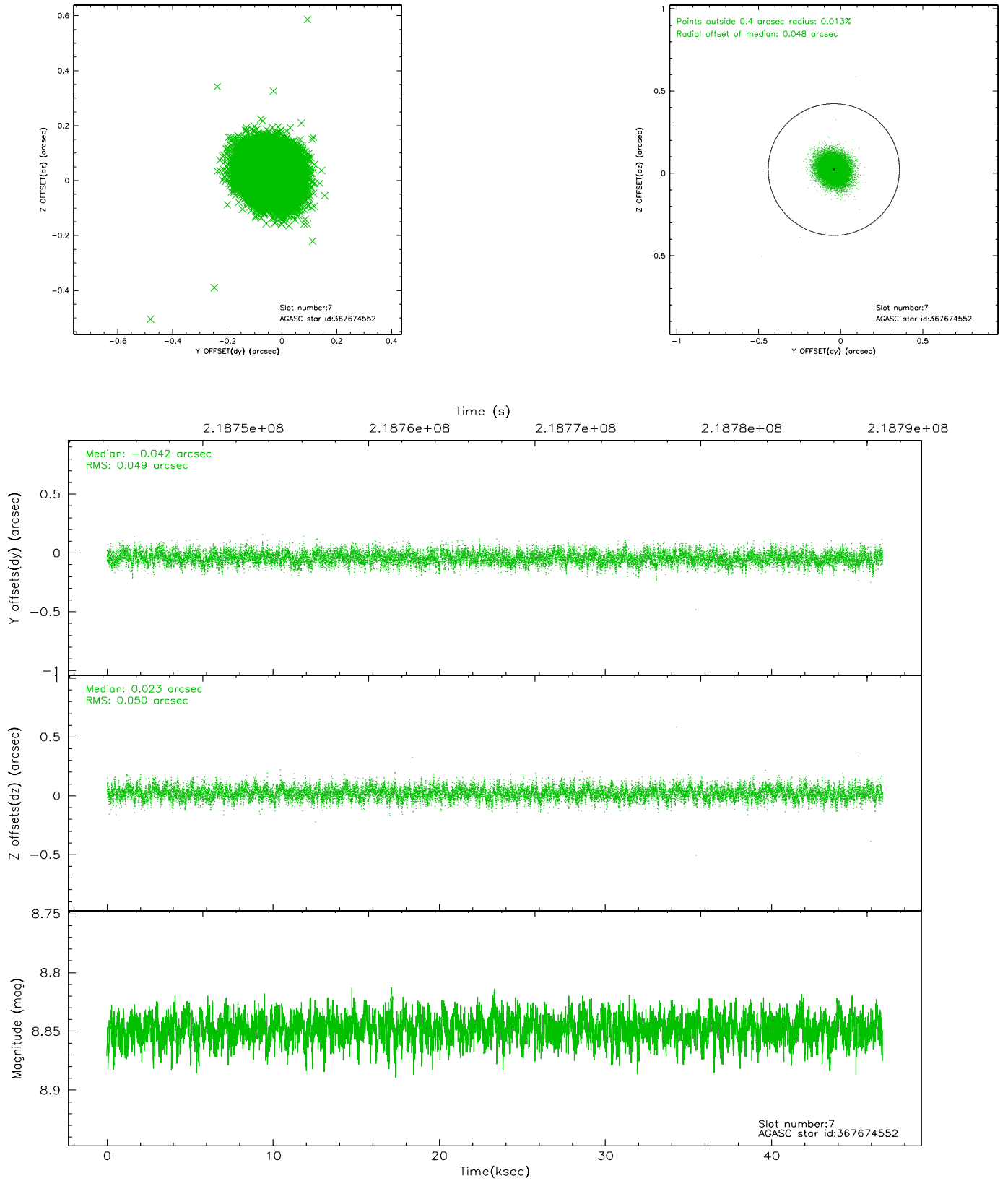
2.4.3 Slot 5



2.4.4 Slot 6

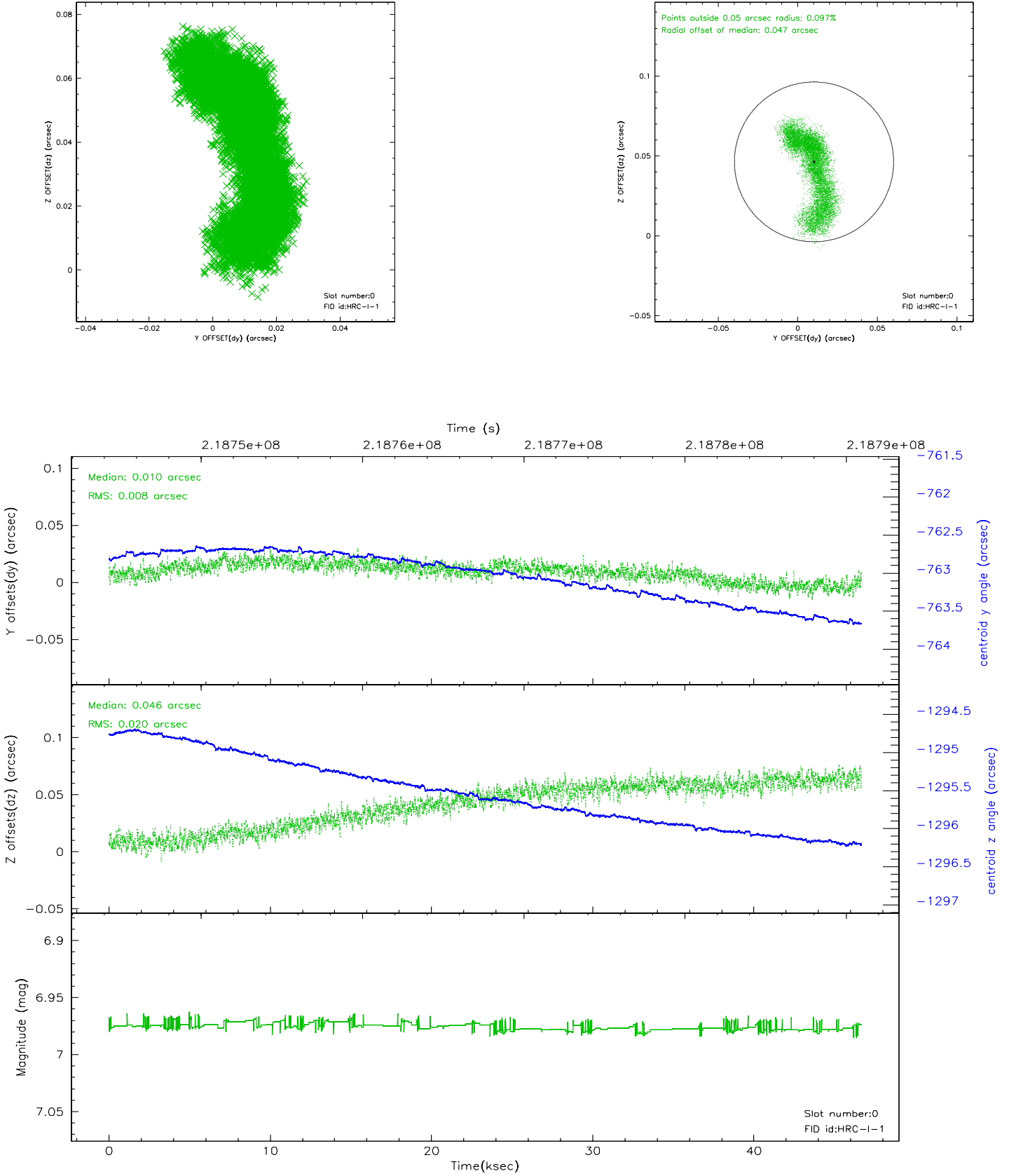


2.4.5 Slot 7

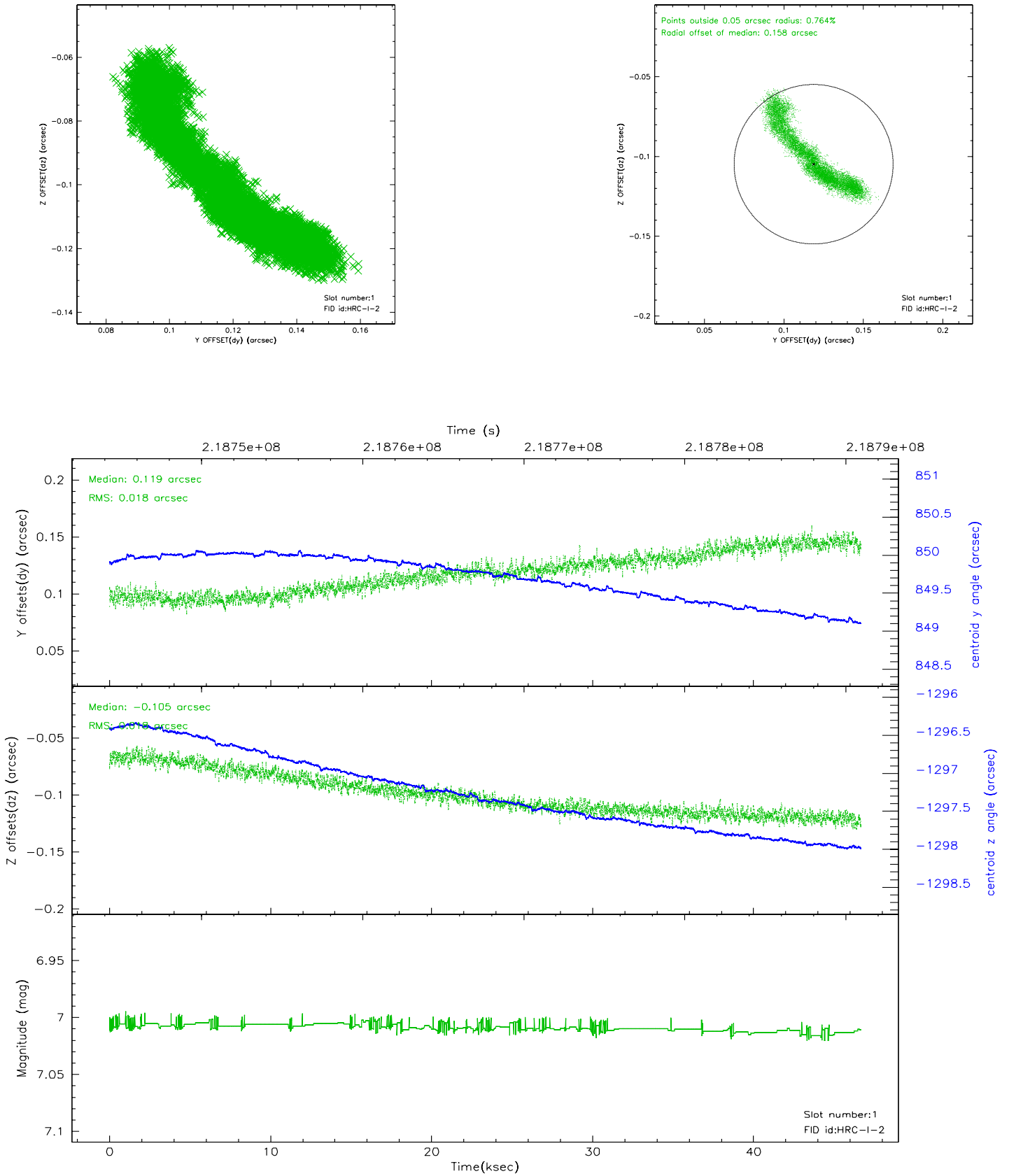


2.5 FID Slots

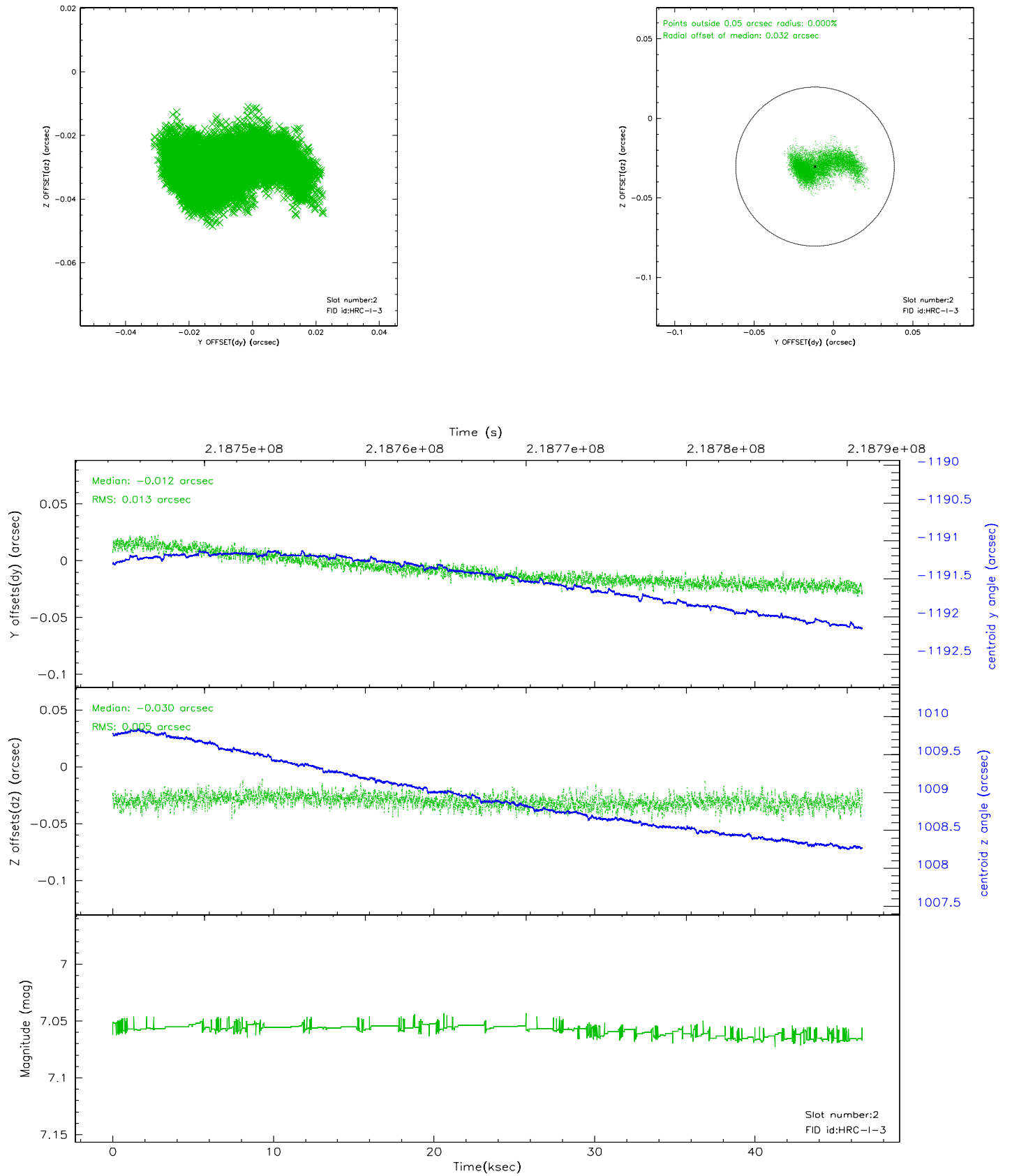
2.5.1 Slot 0



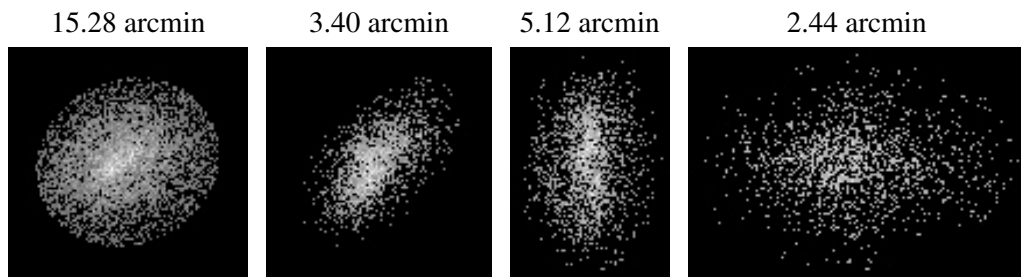
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.12.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	46.68362

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.