

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 2359 - L2 Version 4
Chandra X-Ray Center

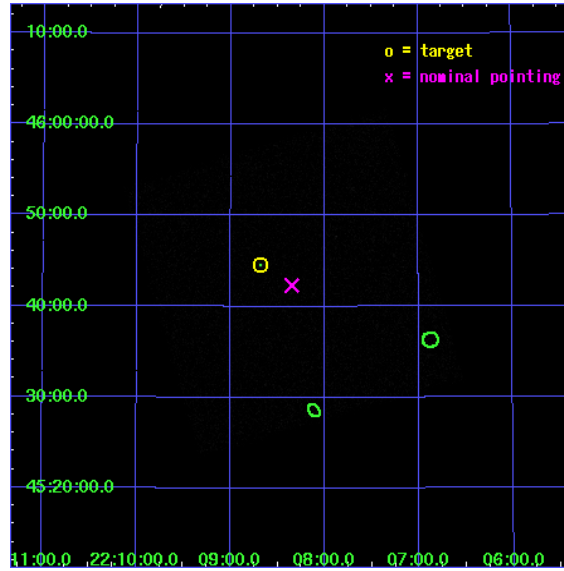
L2 Processing Date : Nov 21 2007

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1 Front

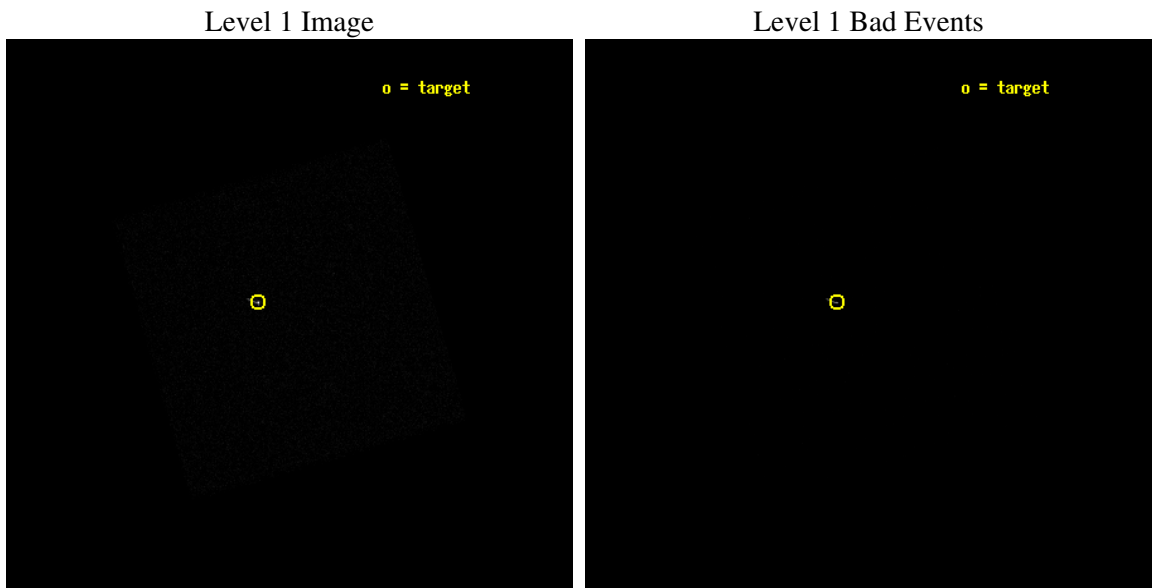
seq_num	290106
obs_id	2359
title	HRC-I CALIBRATION OBSERVATIONS OF ARLAC
observer	Dr. CXC Calibration
object	ARLAC,HRC-I,AO2A
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.08703592855
dec_nom	45.70553396468
roll_nom	298.843349168
revision	4
ontime	1194.3812956661
livetime	1188.4932211734
l2events	34593



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	2007-11-21T05:29:09
revision	4

sched_exp_time	1000.000000
ontime	1194.3812956661
l1events	61193

2.1.3 Events

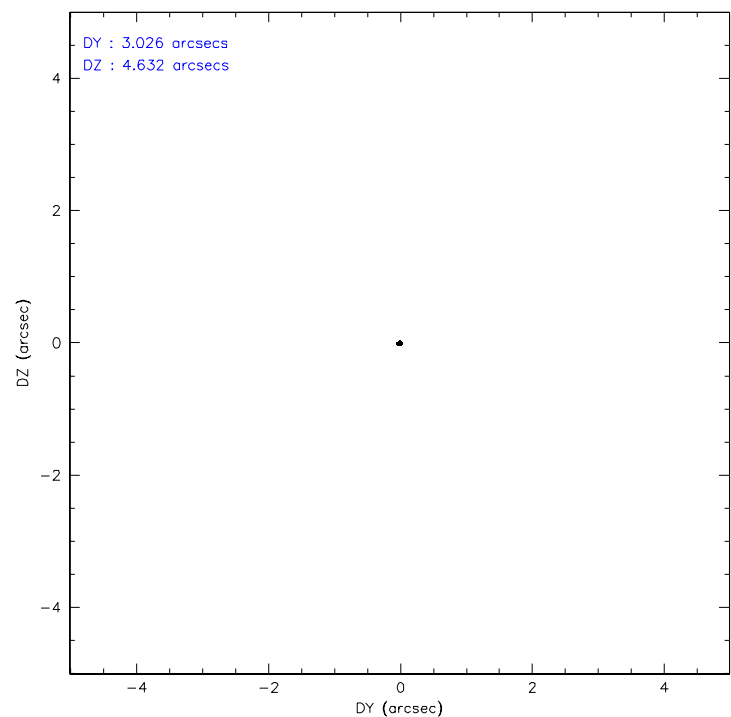
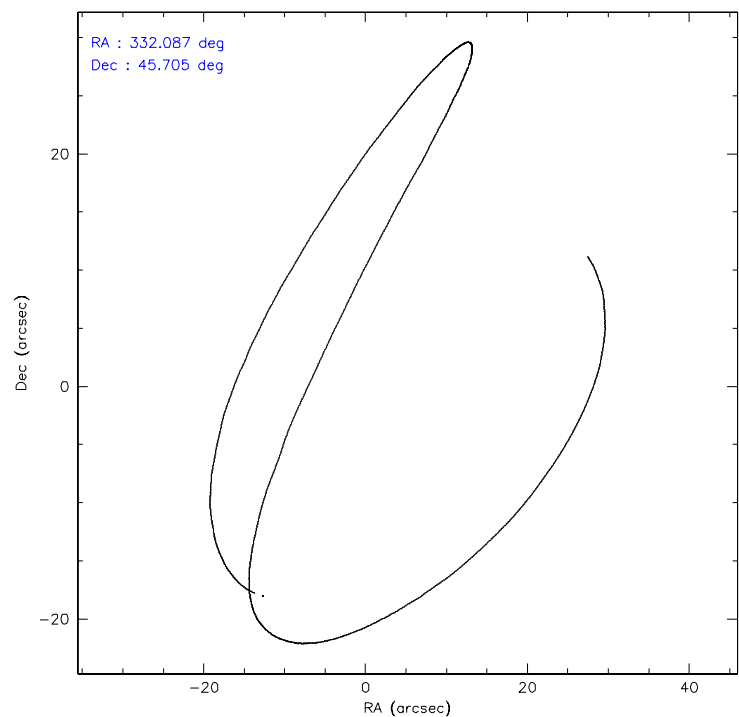
Level 1 Events

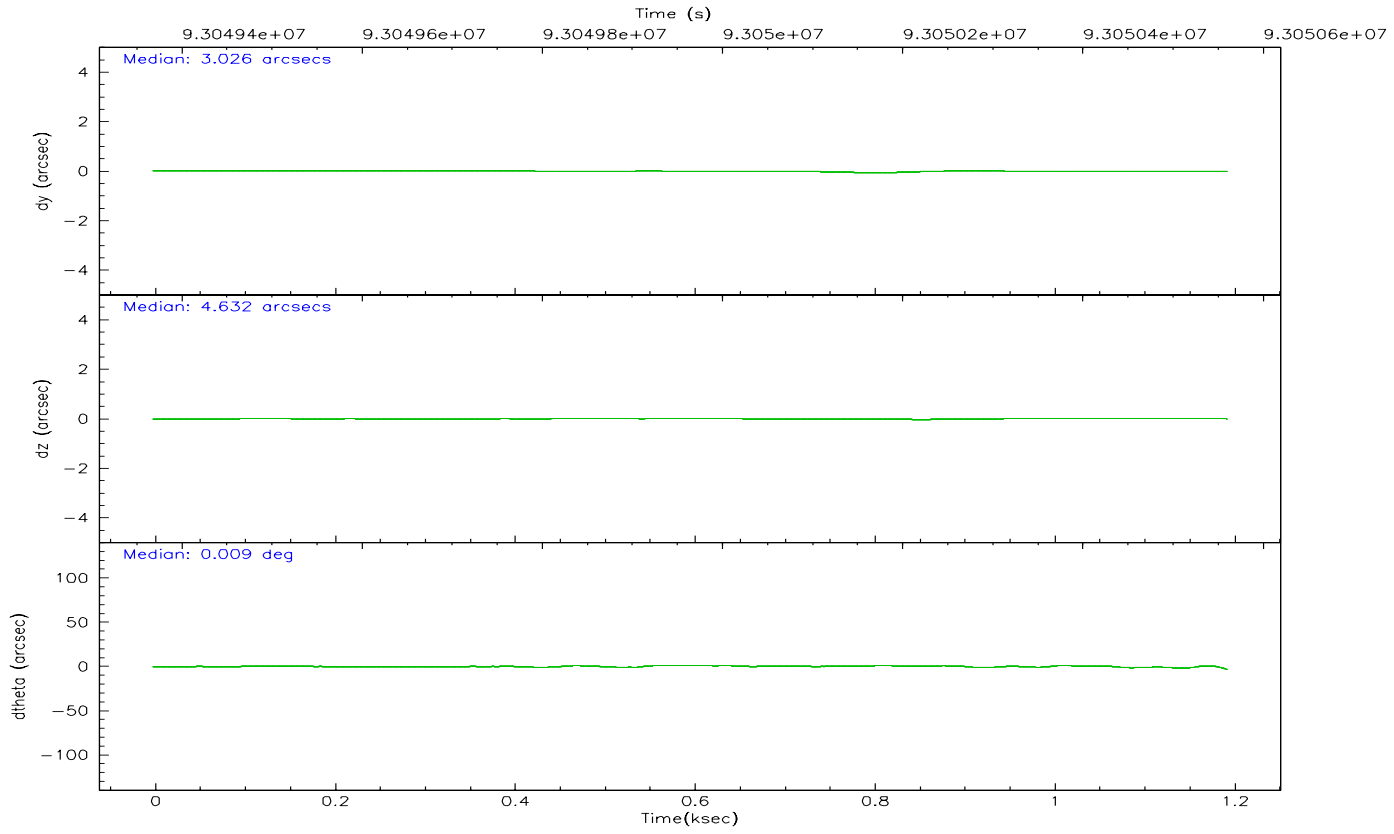
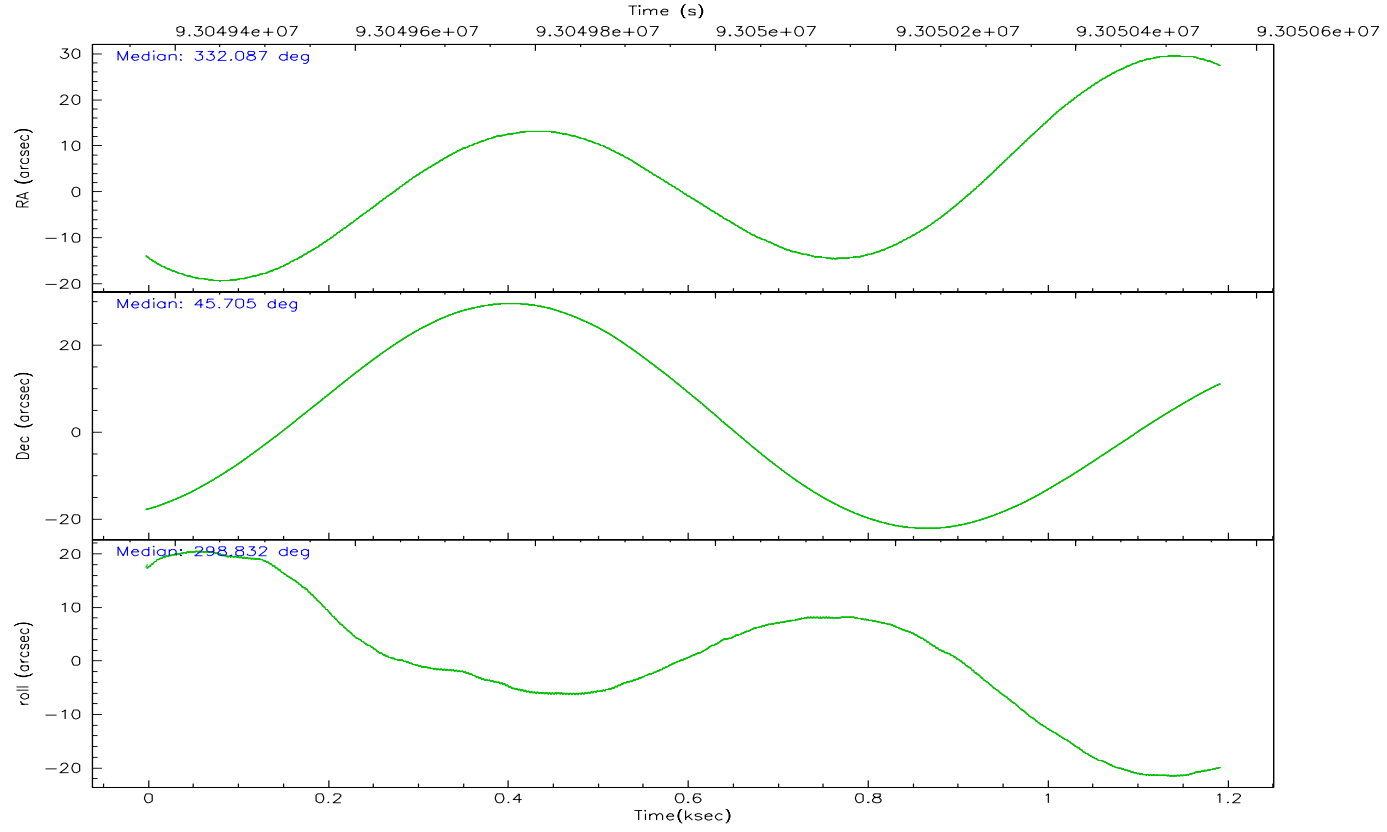
	segment 0
level 1 events	61193
rejected events	12978
rejected %	21%

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	332.053360	332.0870359285527			
Pointing Dec	45.719405	45.70553396467952			
Pointing Roll	298.962894	298.8433491679995			
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	93049561.184000	93049184.43832			
Observation start date	2000-12-12T23:04:57	2000-12-12T22:59:44			
Observation end time	93050561.184000	93050694.775877			
Observation end date	2000-12-12T23:21:37	2000-12-12T23:24:54			

2.3 Aspect



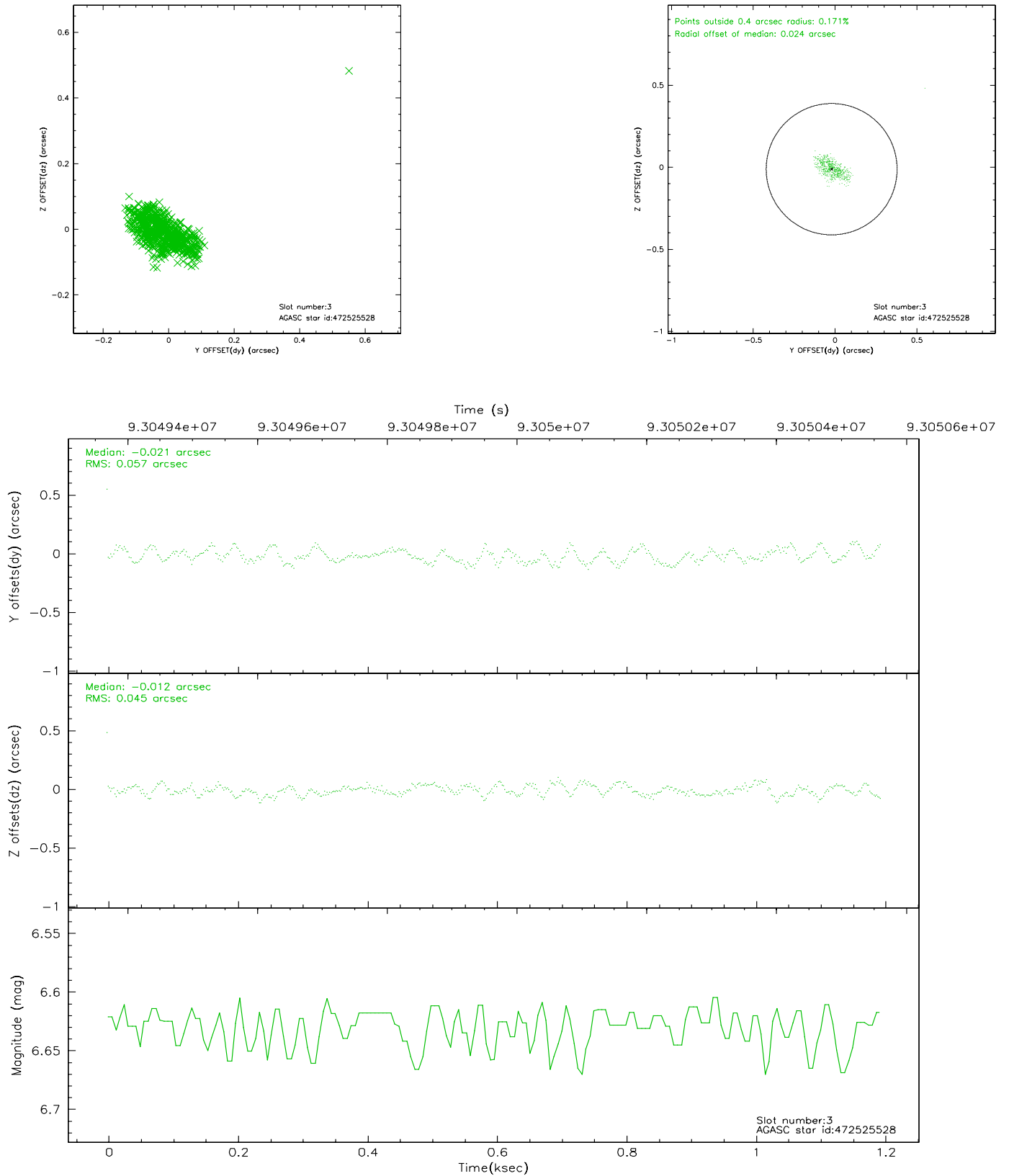


Slot Statistics

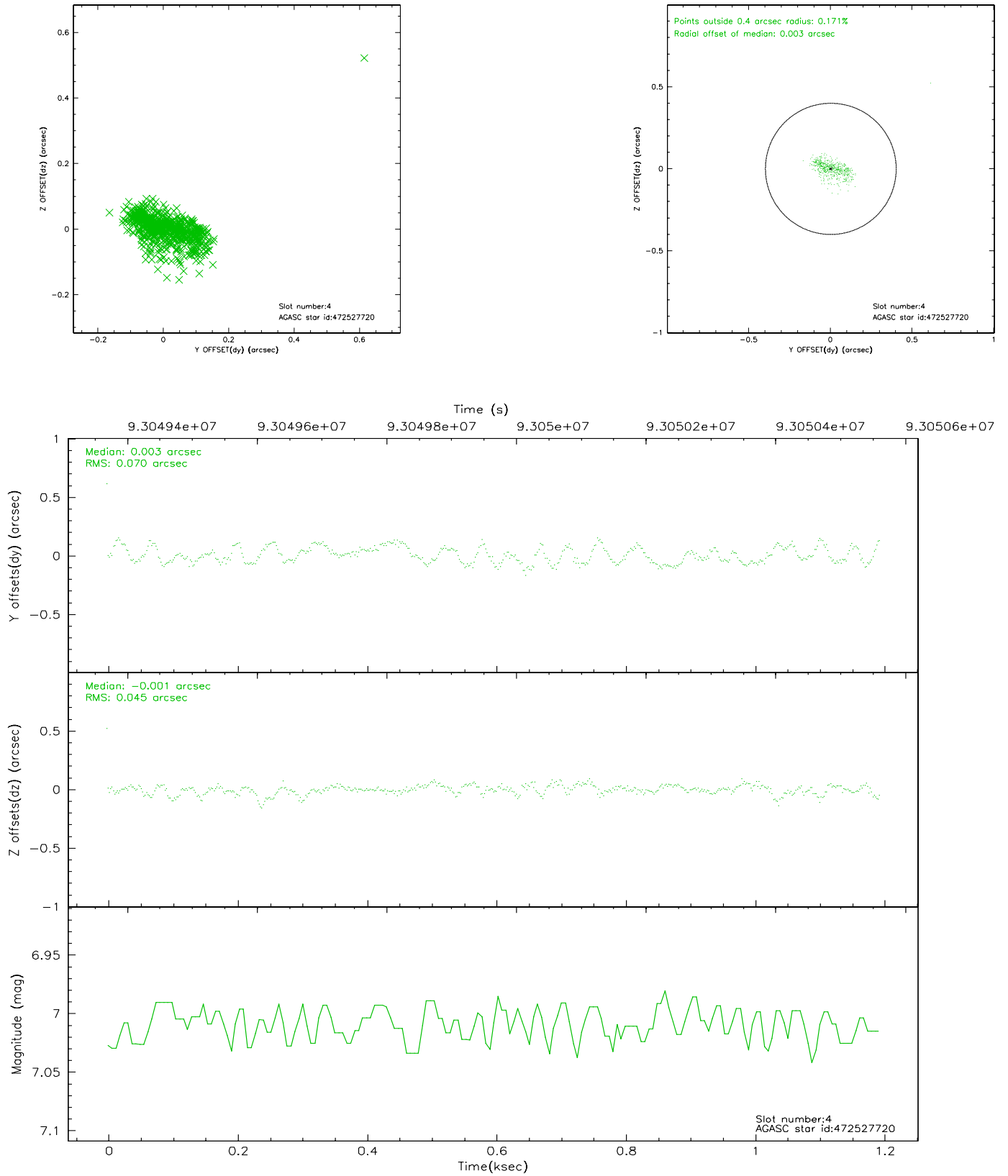
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	292	0.049	0.066	0.006	0.014	0.000000	0.000000	-758.47	-1292.39
1	FID	HRC-I-3	7.05	292	0.034	-0.098	0.007	0.018	0.000000	0.000000	-1189.55	1007.59
2	FID	HRC-I-4	6.99	292	0.032	-0.058	0.006	0.013	0.000000	0.000000	1280.25	1013.09
3	GUIDE	472525528	6.63	584	-0.021	-0.012	0.070	0.115	331.551102	45.248694	862.67	-1932.63
4	GUIDE	472527720	7.01	584	0.003	-0.001	0.085	0.131	331.460205	45.112509	1178.55	-2377.25
5	GUIDE	472523760	8.23	584	-0.050	-0.118	0.064	0.103	331.645363	45.403260	495.95	-1456.60
6	GUIDE	472659832	9.47	584	-0.077	-0.026	0.120	0.198	332.780399	46.098139	-321.41	2249.23
7	GUIDE	472646552	9.63	583	0.136	0.152	0.112	0.190	333.120915	45.571877	1750.50	2109.35

2.4 Star Slots

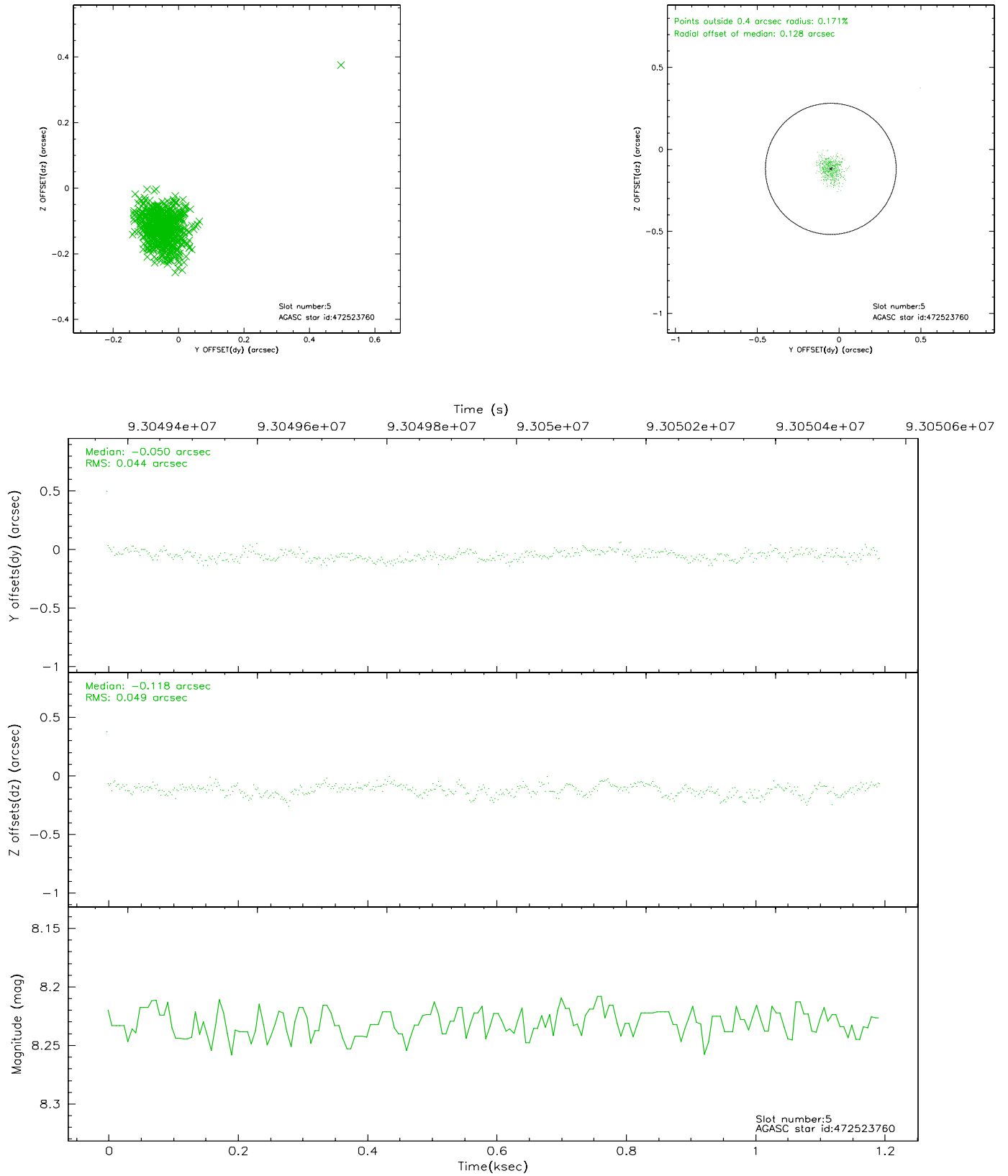
2.4.1 Slot 3



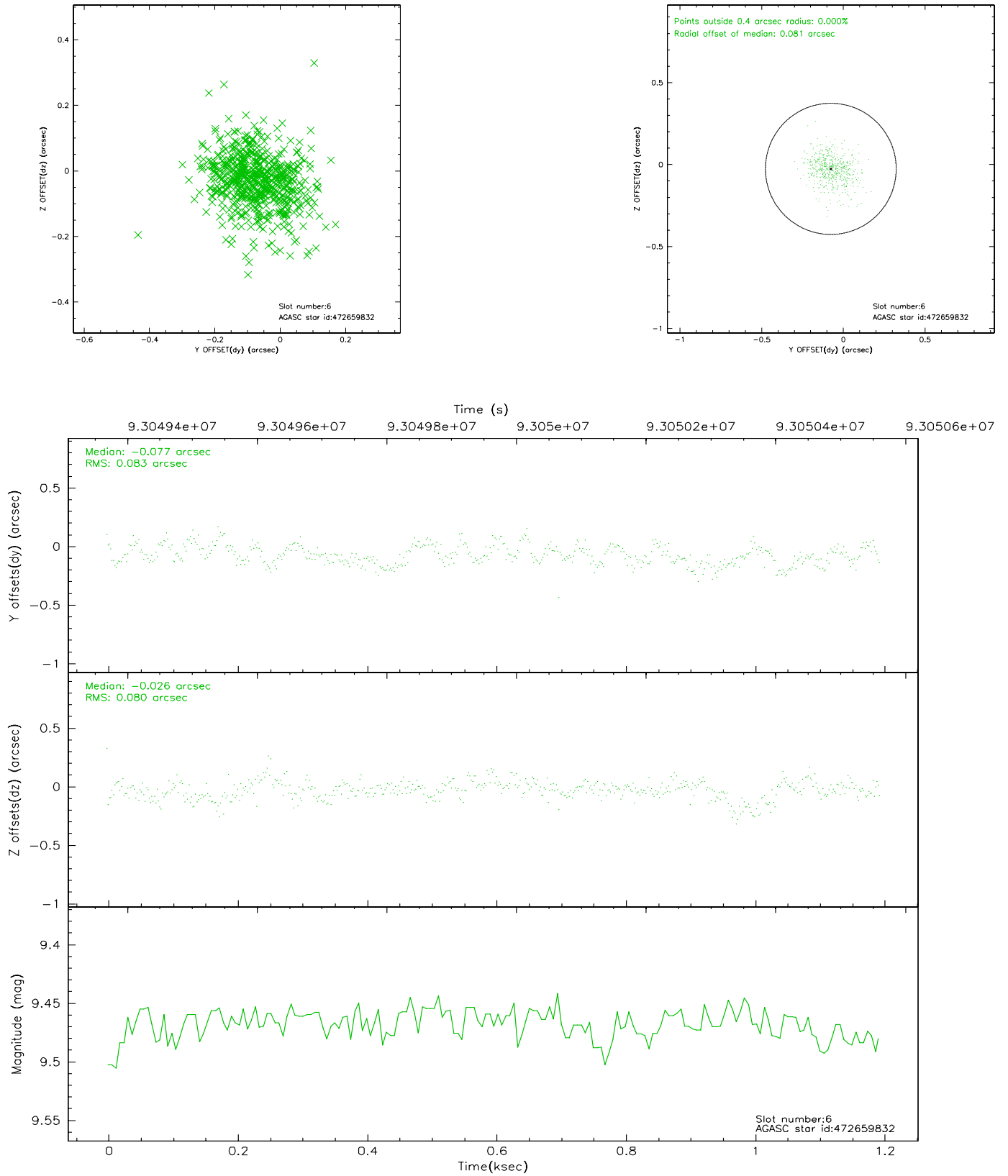
2.4.2 Slot 4



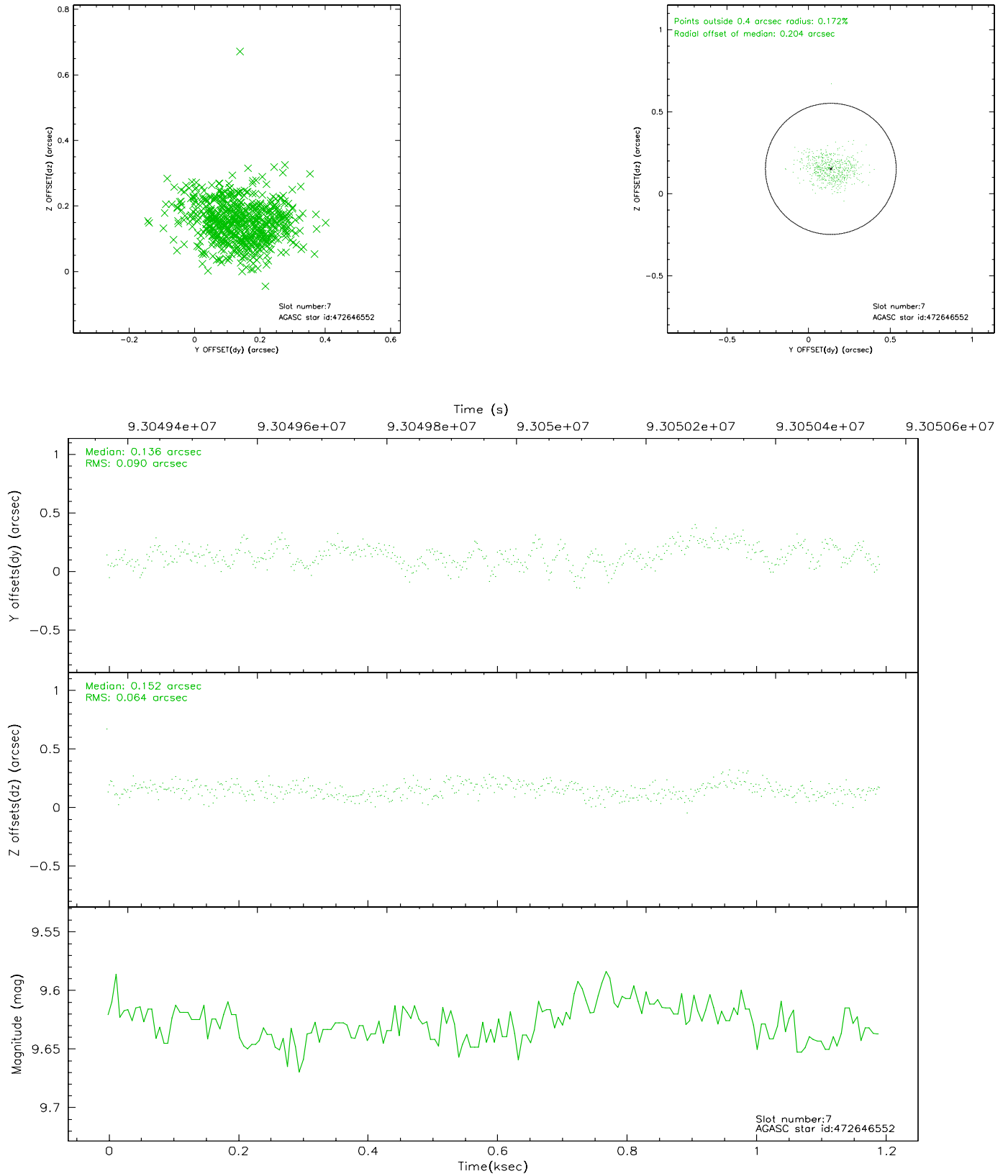
2.4.3 Slot 5



2.4.4 Slot 6

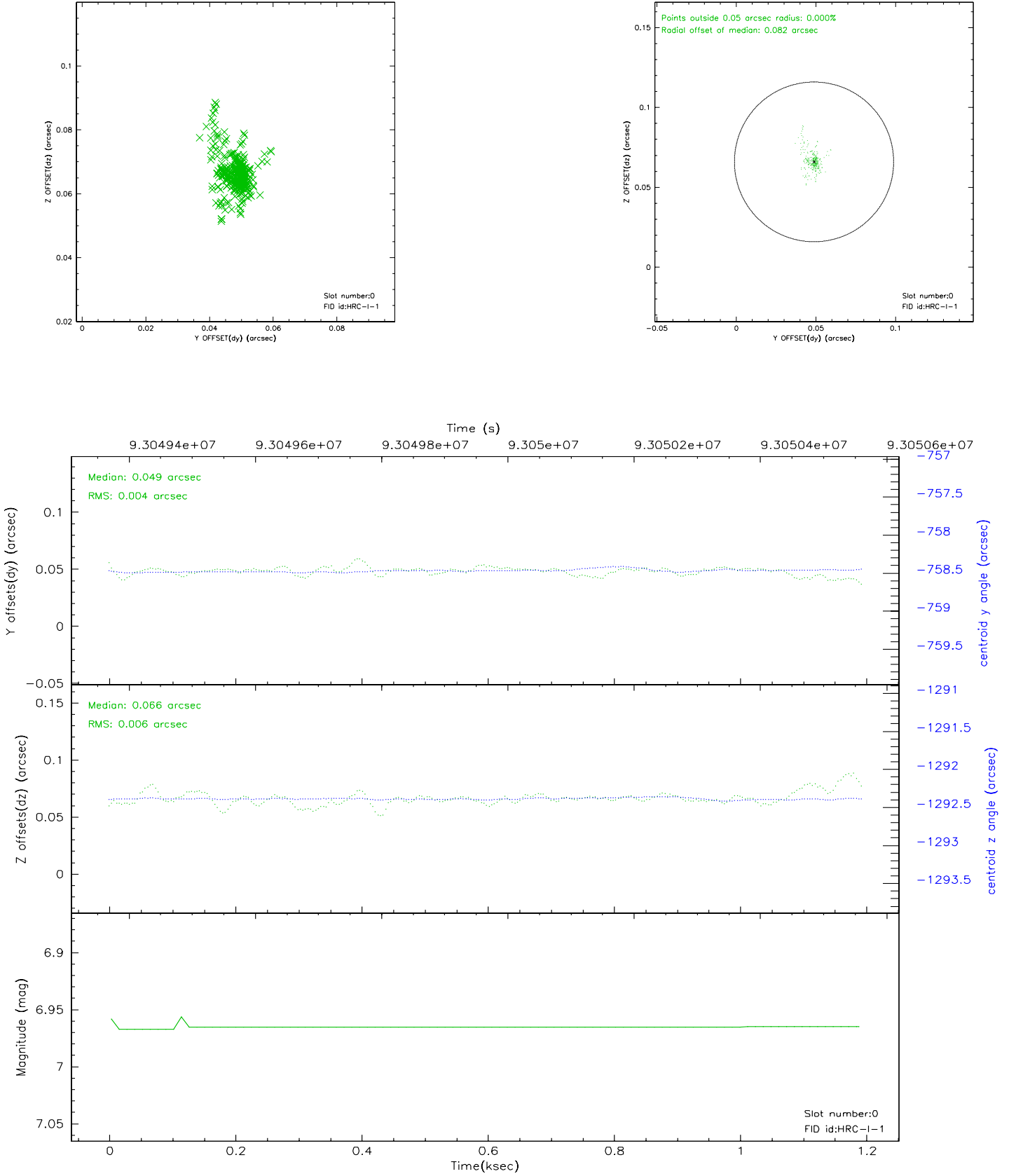


2.4.5 Slot 7

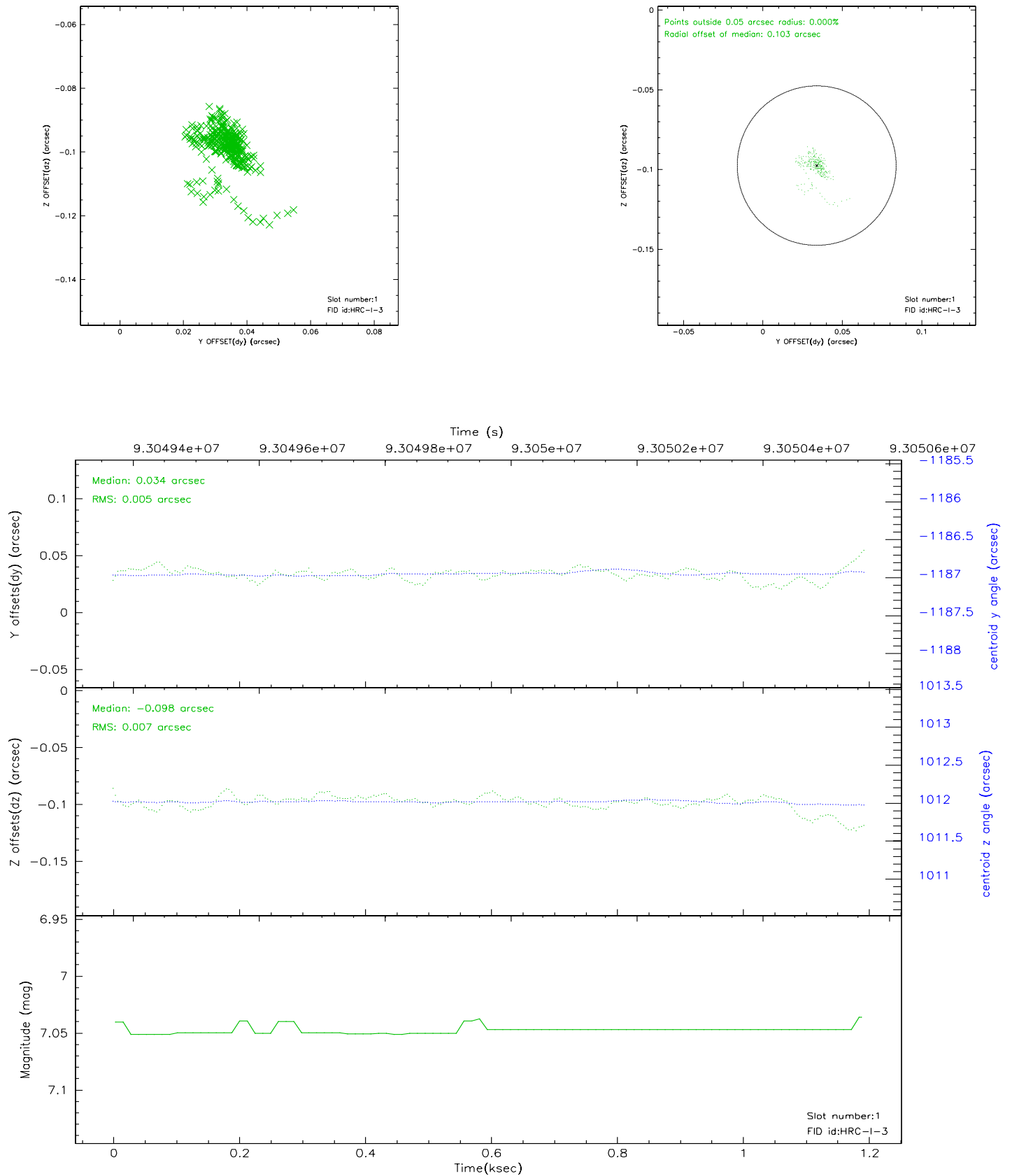


2.5 FID Slots

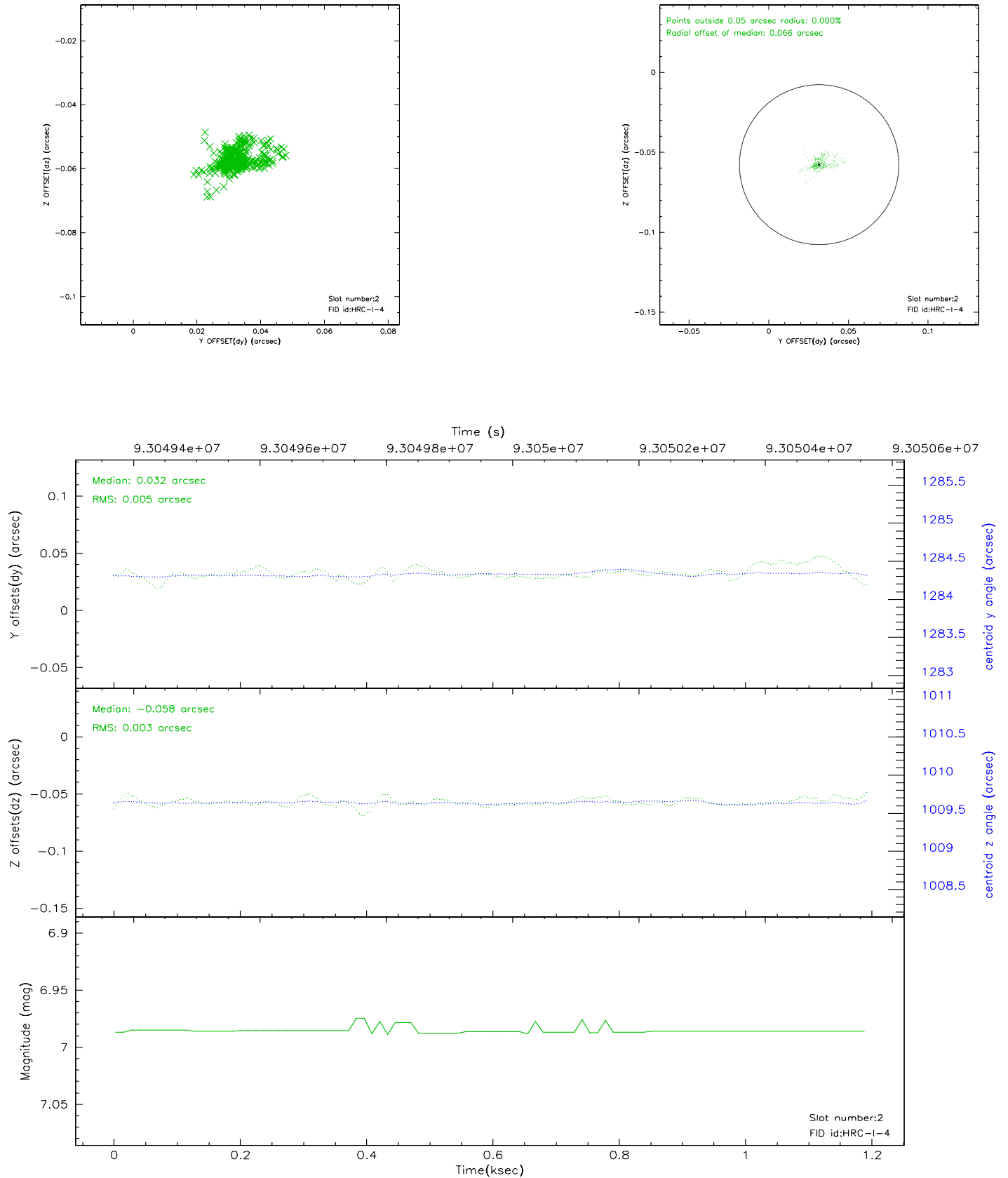
2.5.1 Slot 0



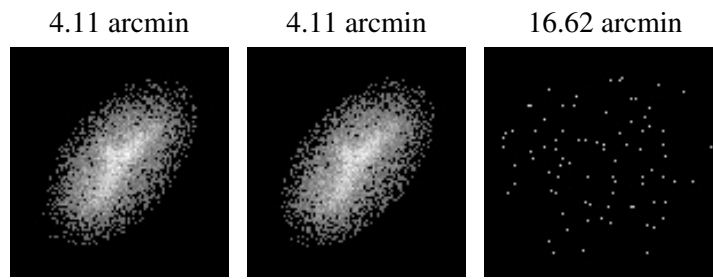
2.5.2 Slot 1



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	1.194

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.