

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 2356 - L2 Version 4
Chandra X-Ray Center

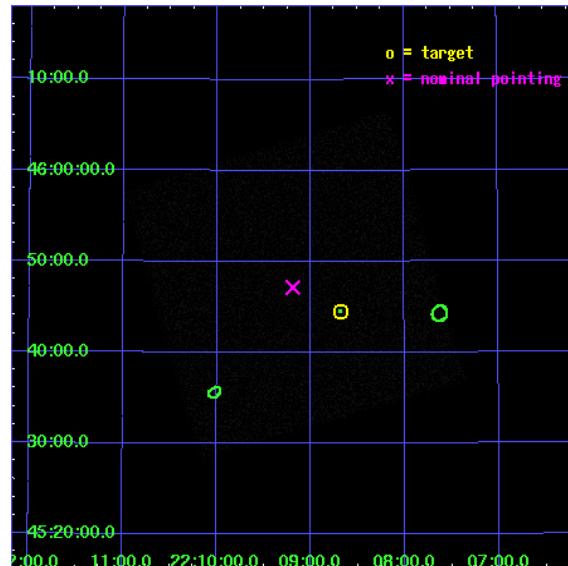
L2 Processing Date : Nov 21 2007

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1 Front

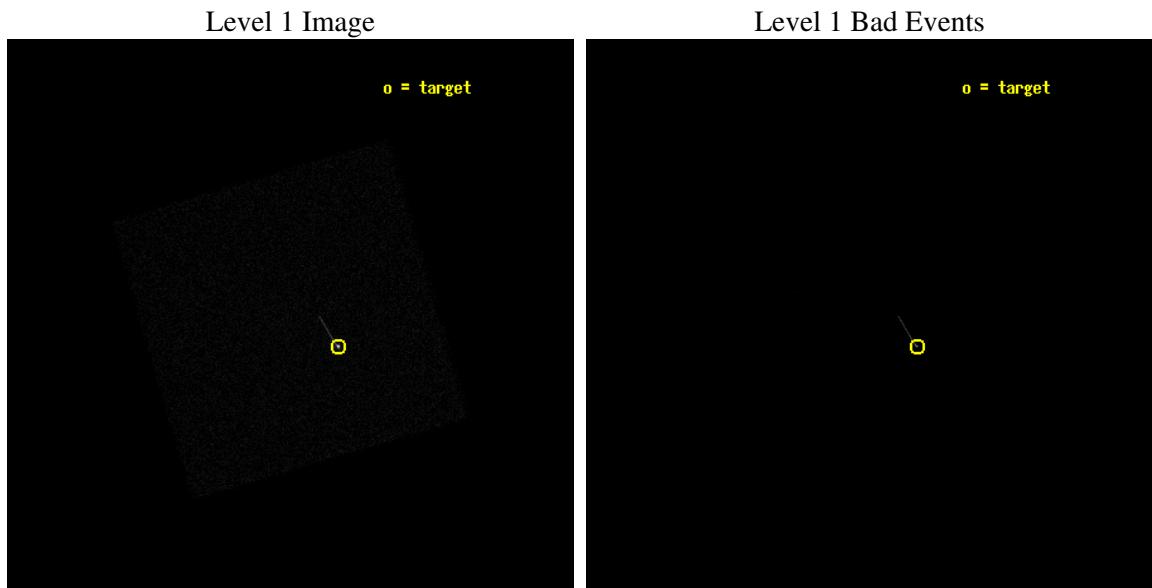
seq_num	290103
obs_id	2356
title	HRC-I CALIBRATION OBSERVATIONS OF ARLAC
observer	Dr. CXC Calibration
object	ARLAC,HRC-I,AO2A
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.29736396824
dec_nom	45.785968979937
roll_nom	298.65012700529
revision	4
ontime	1198.4812958241
livetime	1192.6080869785
l2events	34226



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	2007-11-21T05:29:16
revision	4

sched_exp_time	1000.000000
ontime	1198.4812958241
l1events	59917

2.1.3 Events

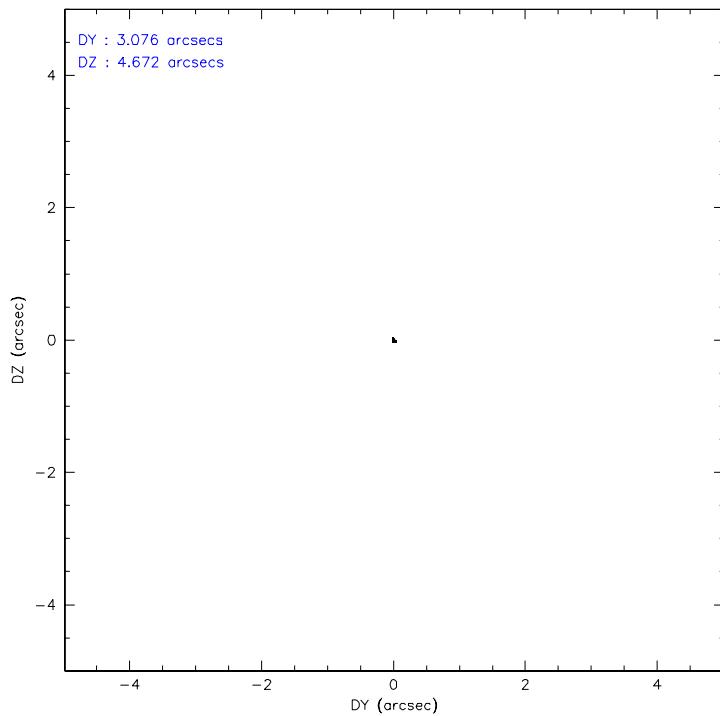
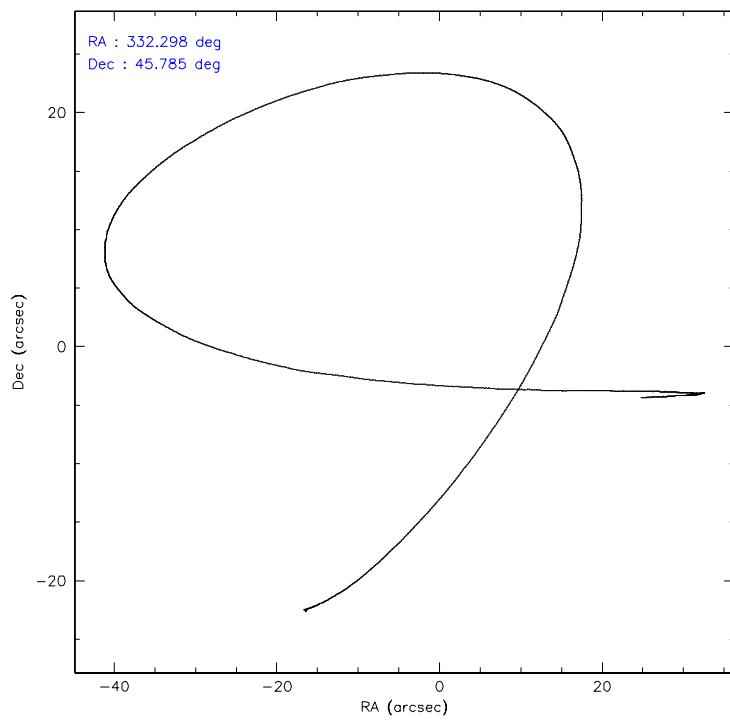
Level 1 Events

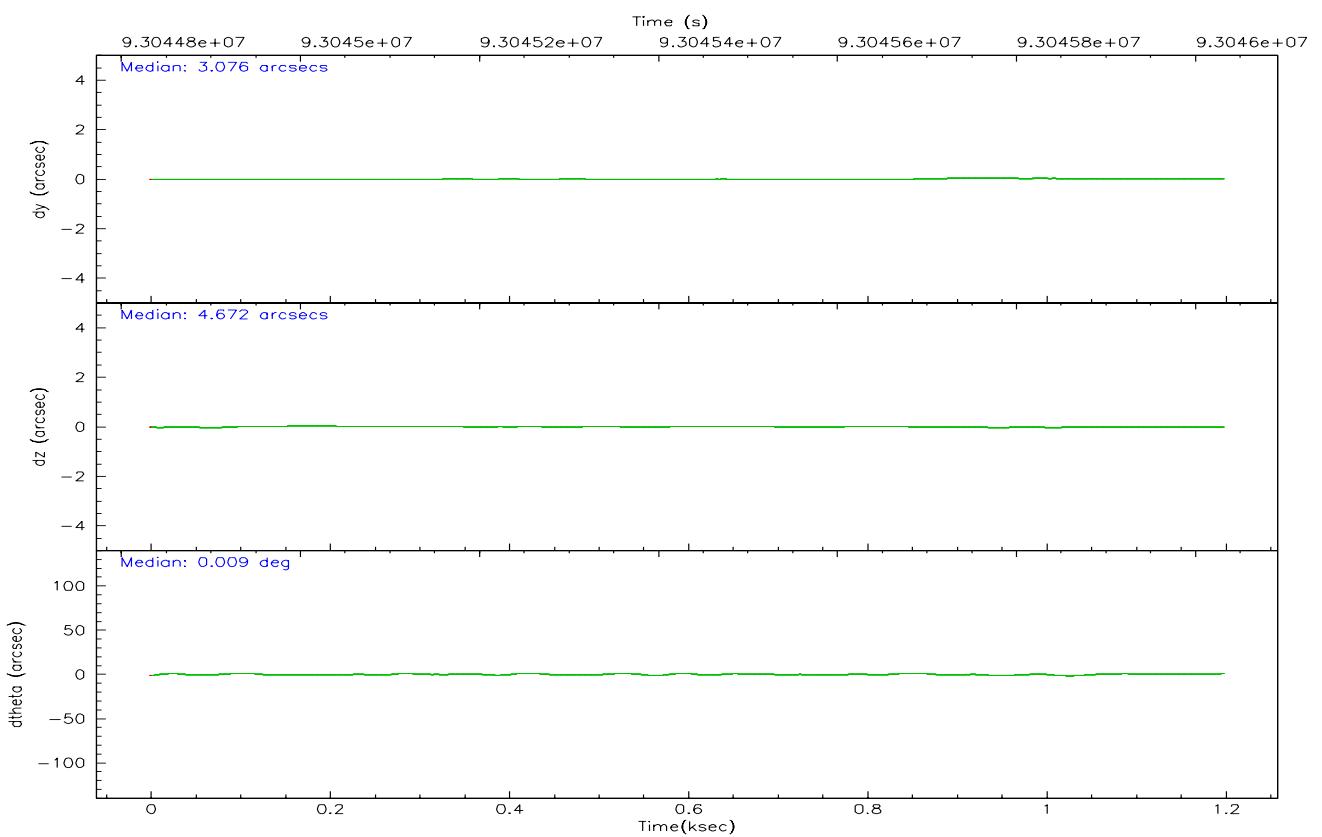
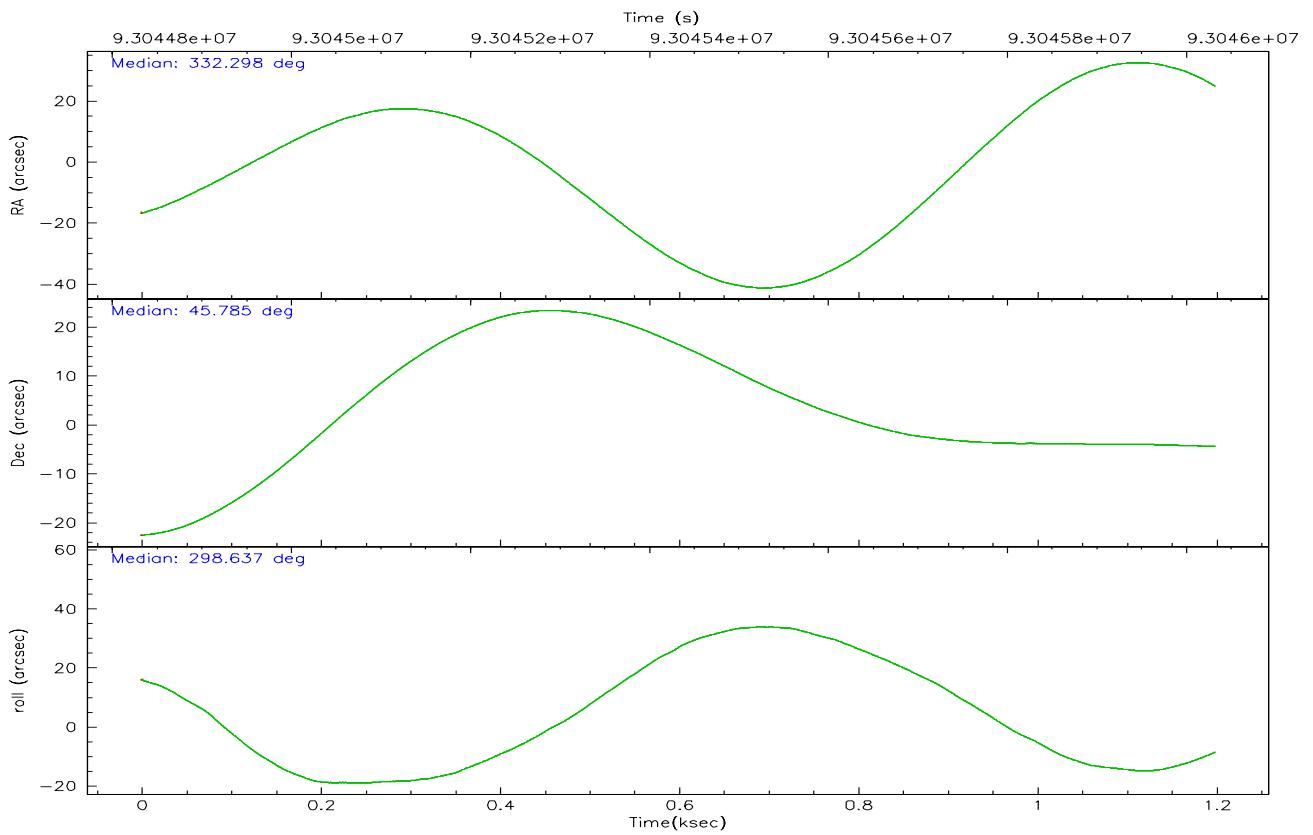
	segment 0
level 1 events	59917
rejected events	12248
rejected %	20%

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	332.262587	332.2973639682376			
Pointing Dec	45.799872	45.78596897993654			
Pointing Roll	298.770581	298.6501270052887			
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	93045031.184000	93044654.963146			
Observation start date	2000-12-12T21:49:27	2000-12-12T21:44:14			
Observation end time	93046031.184000	93046164.788204			
Observation end date	2000-12-12T22:06:07	2000-12-12T22:09:24			

2.3 Aspect



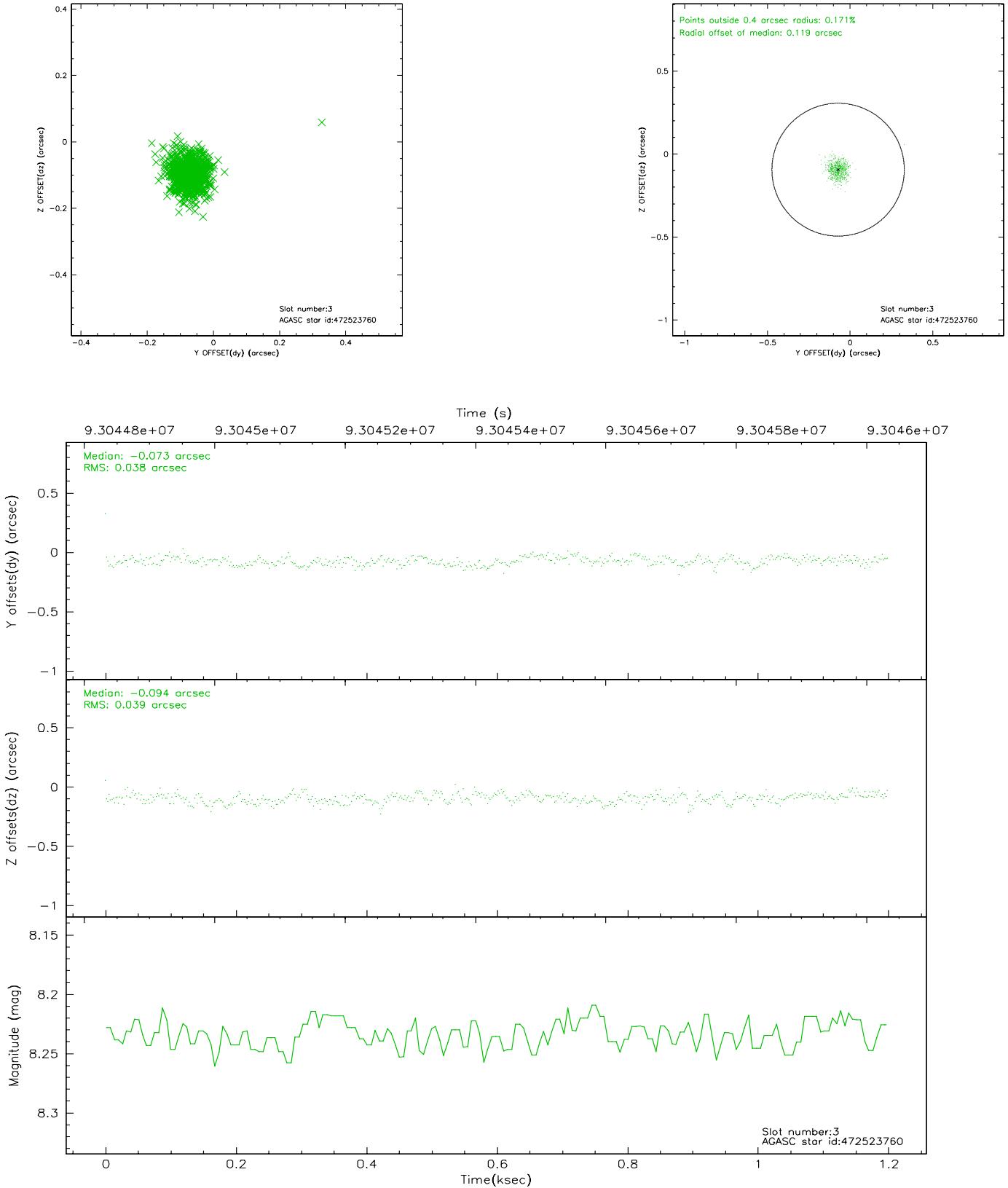


Slot Statistics

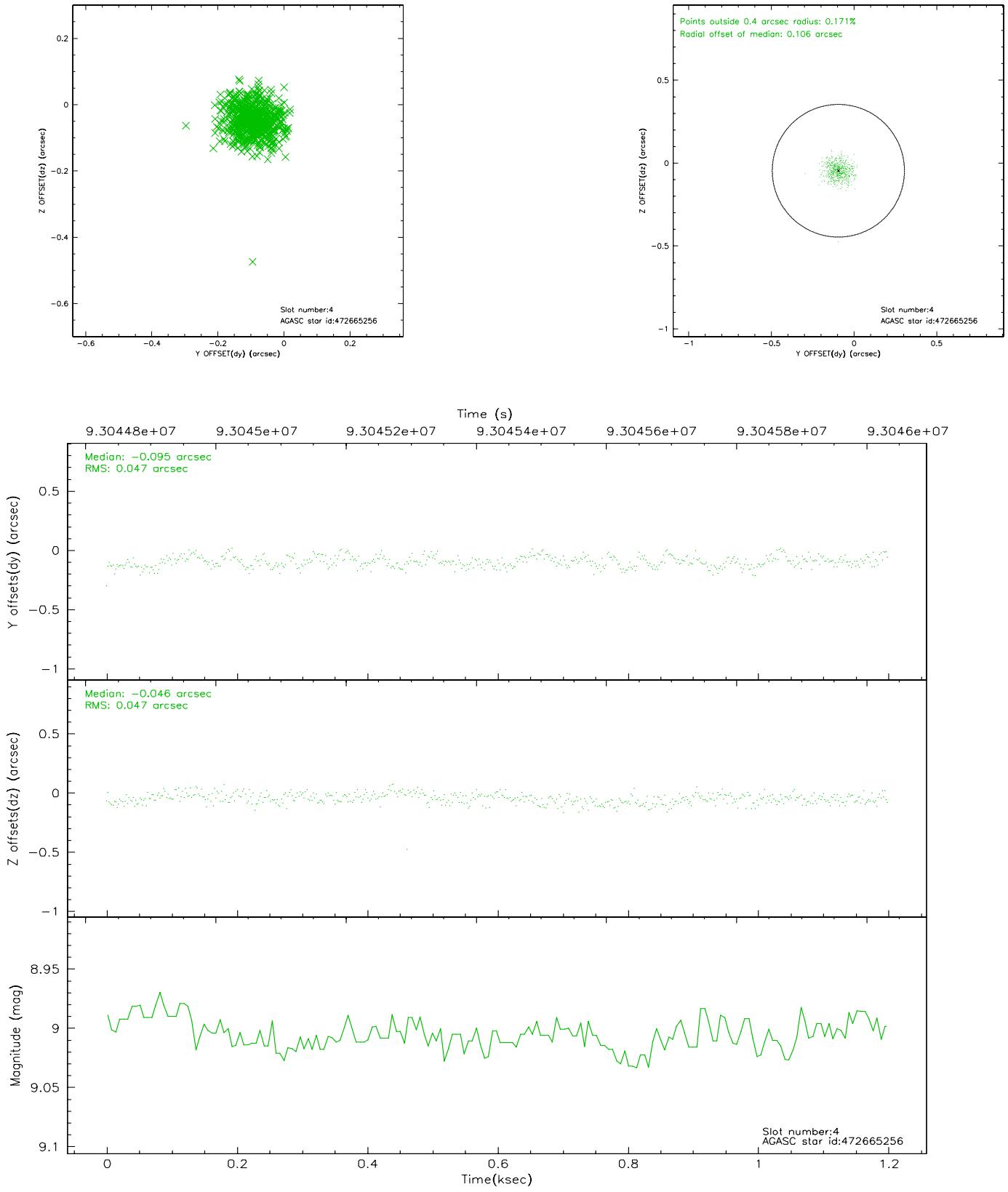
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	293	0.047	0.065	0.006	0.010	0.000000	0.000000	-758.52	-1292.43
1	FID	HRC-I-3	7.05	293	0.030	-0.098	0.006	0.011	0.000000	0.000000	-1189.60	1007.56
2	FID	HRC-I-4	6.99	293	0.037	-0.056	0.005	0.008	0.000000	0.000000	1280.22	1013.04
3	GUIDE	472523760	8.23	586	-0.073	-0.094	0.055	0.091	331.645363	45.403260	494.11	-2054.86
4	GUIDE	472665256	9.01	586	-0.095	-0.046	0.069	0.109	332.808125	46.195041	-598.09	1871.87
5	GUIDE	472659832	9.46	586	0.038	0.095	0.101	0.163	332.780399	46.098139	-325.75	1652.07
6	GUIDE	472654568	9.44	586	0.097	-0.018	0.124	0.199	332.194449	45.063576	2238.21	-1427.43
7	GUIDE	472655152	9.43	585	0.035	0.050	0.085	0.143	332.504239	45.862991	93.70	635.46

2.4 Star Slots

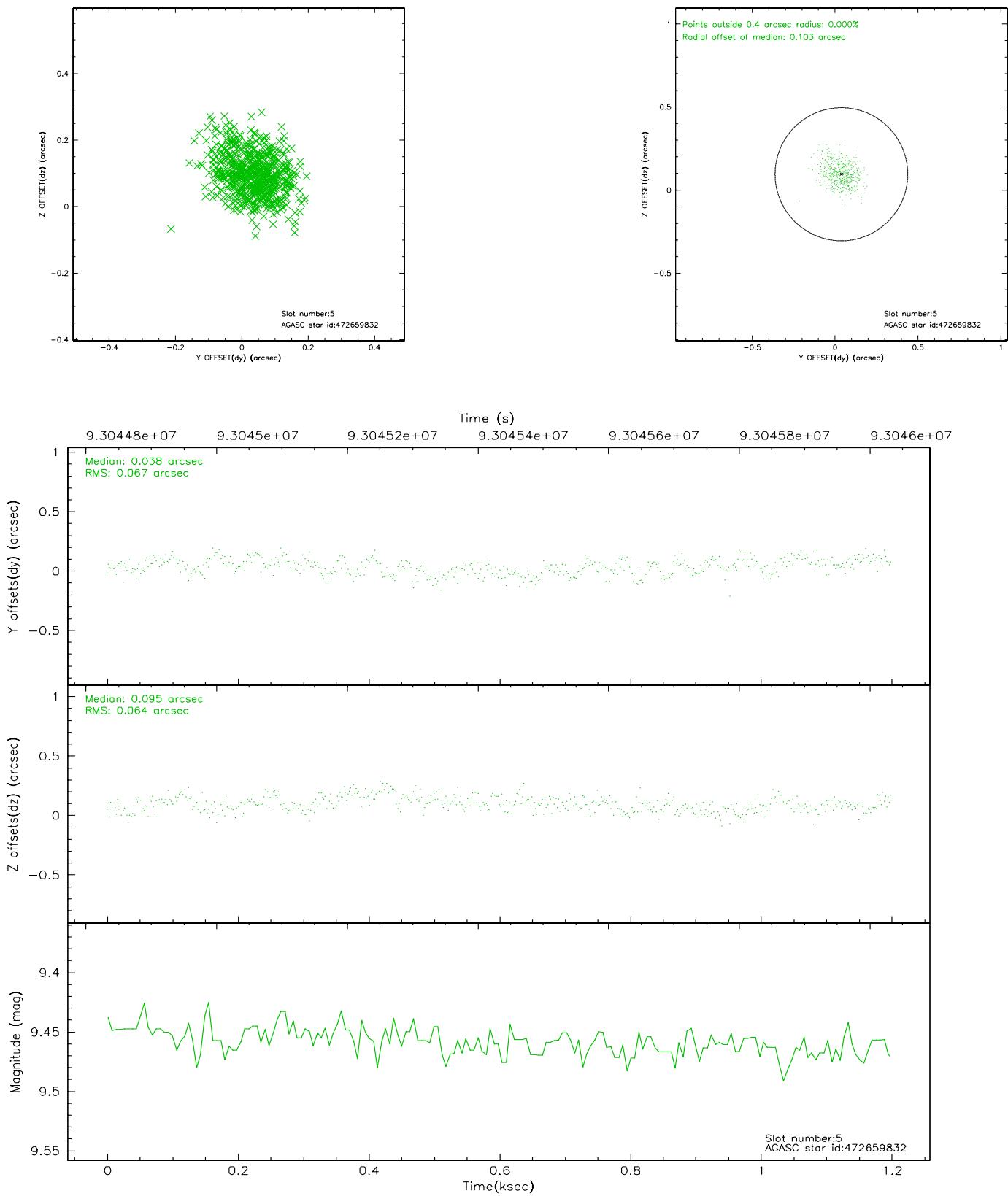
2.4.1 Slot 3



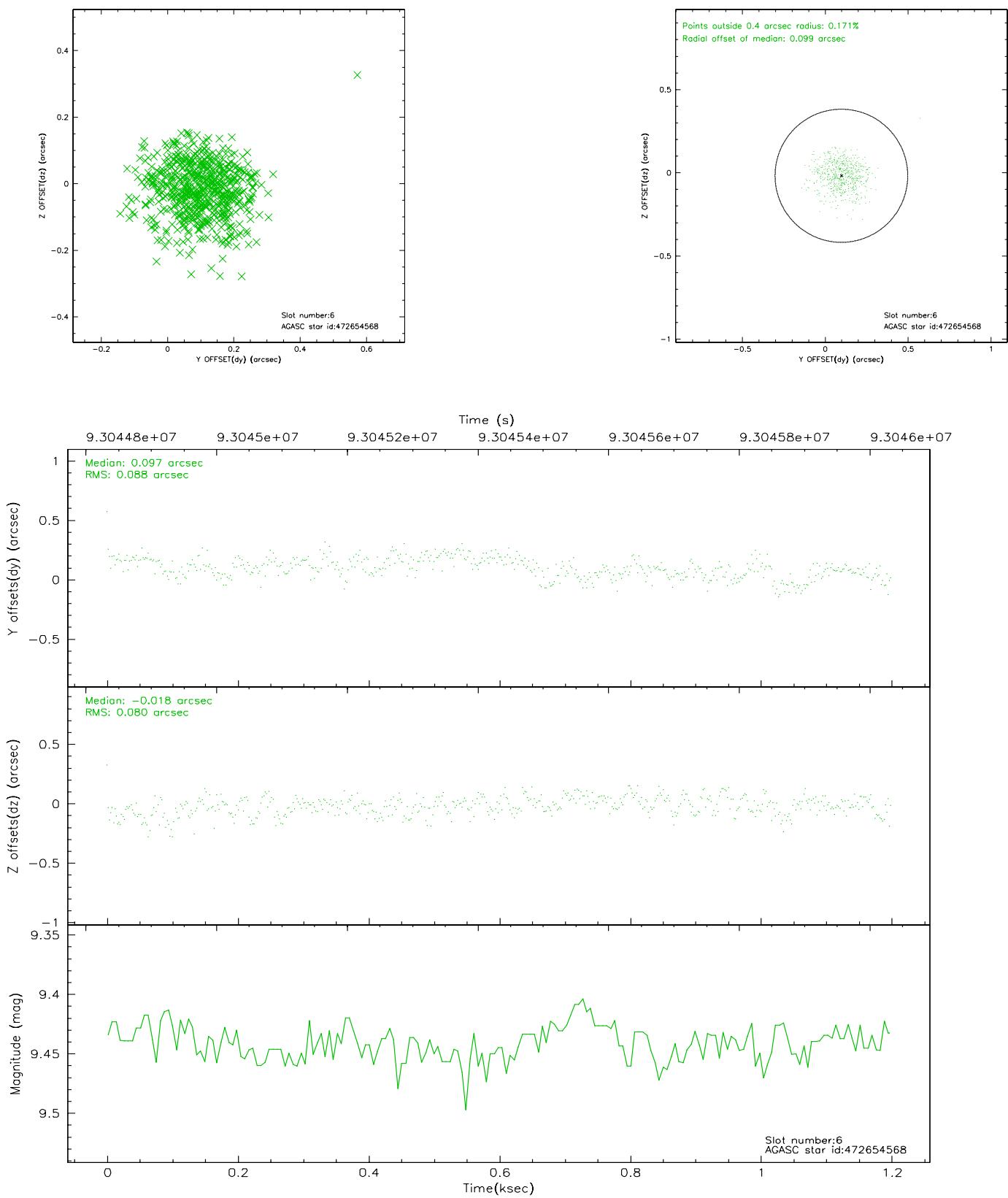
2.4.2 Slot 4



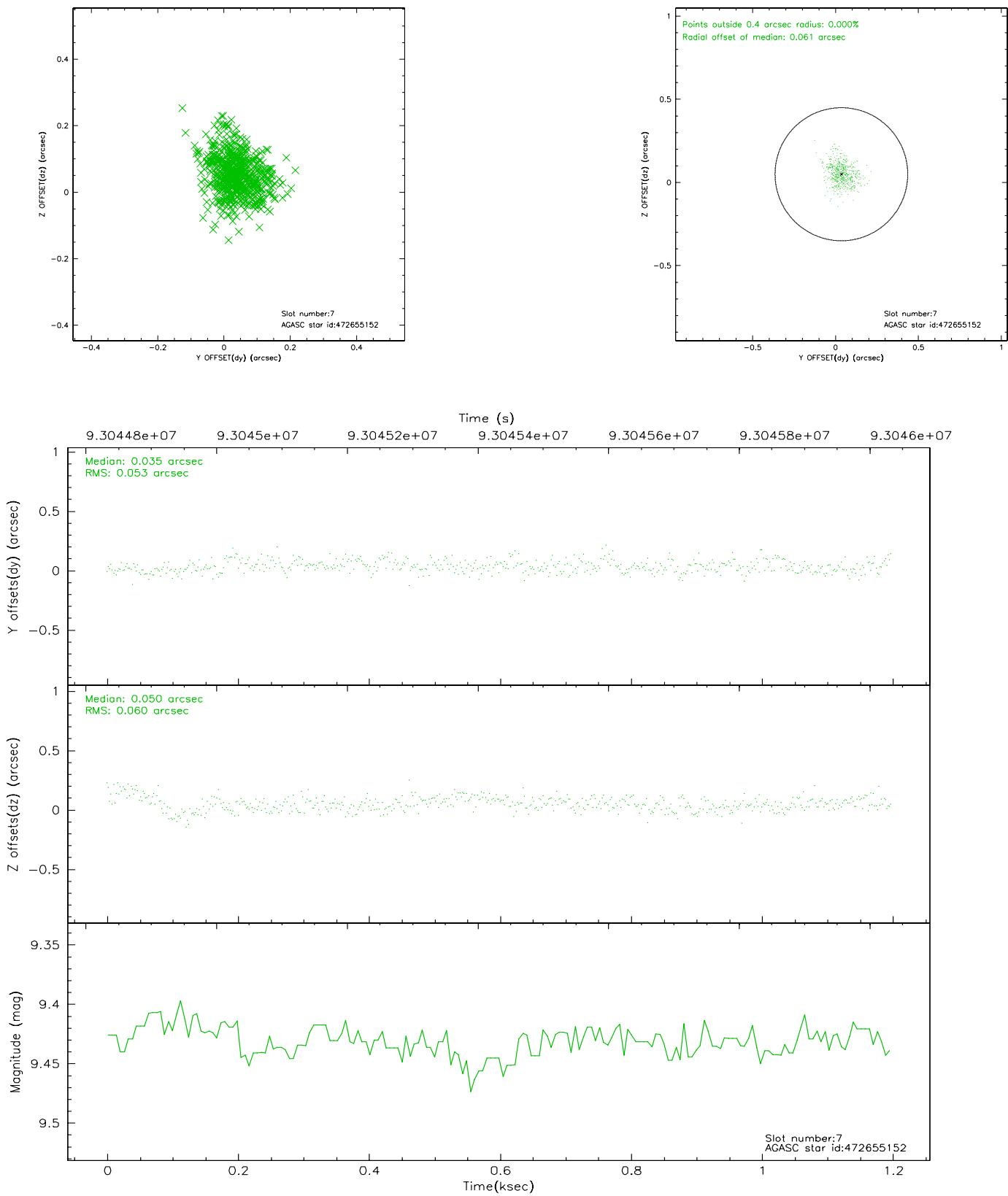
2.4.3 Slot 5



2.4.4 Slot 6

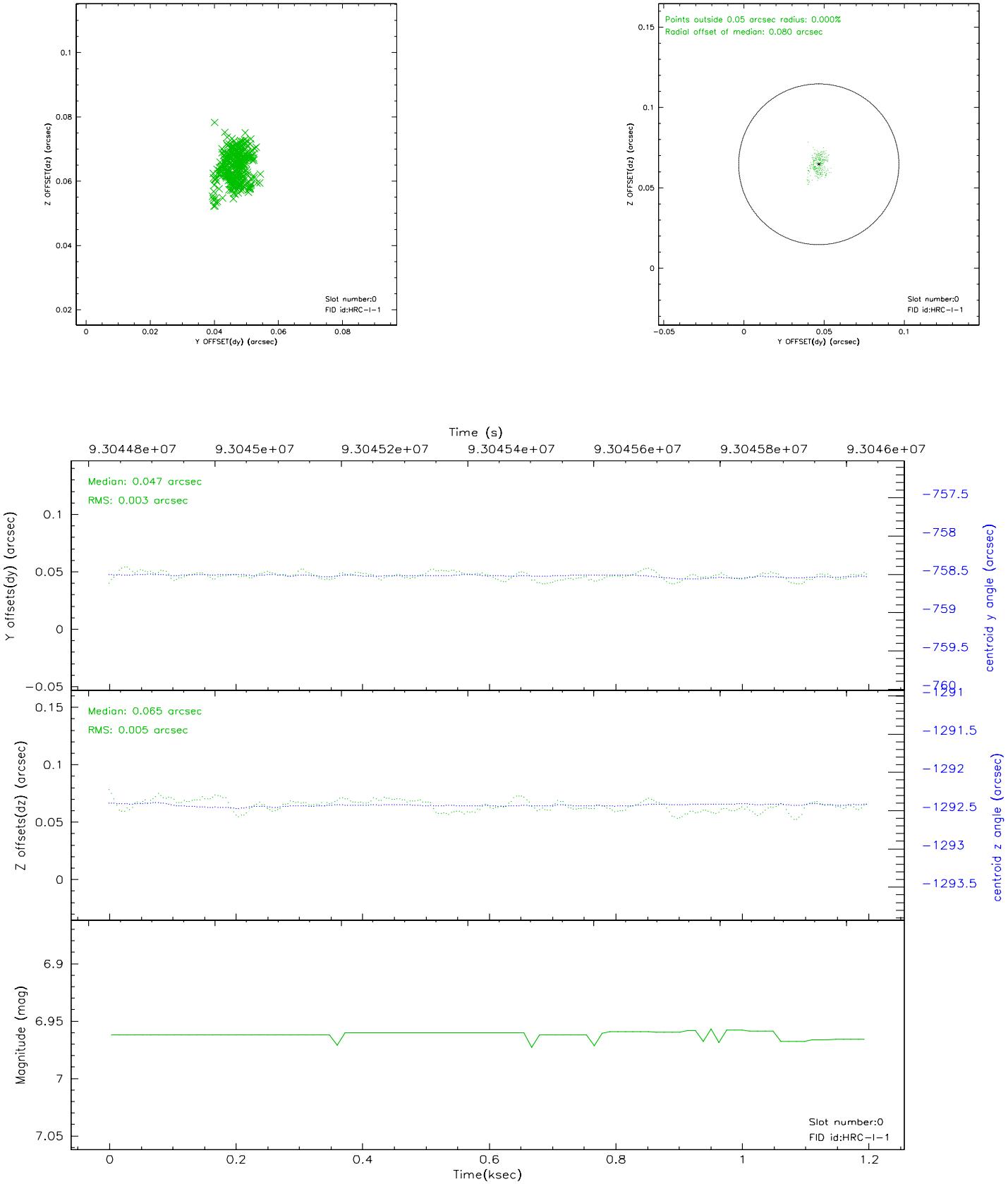


2.4.5 Slot 7

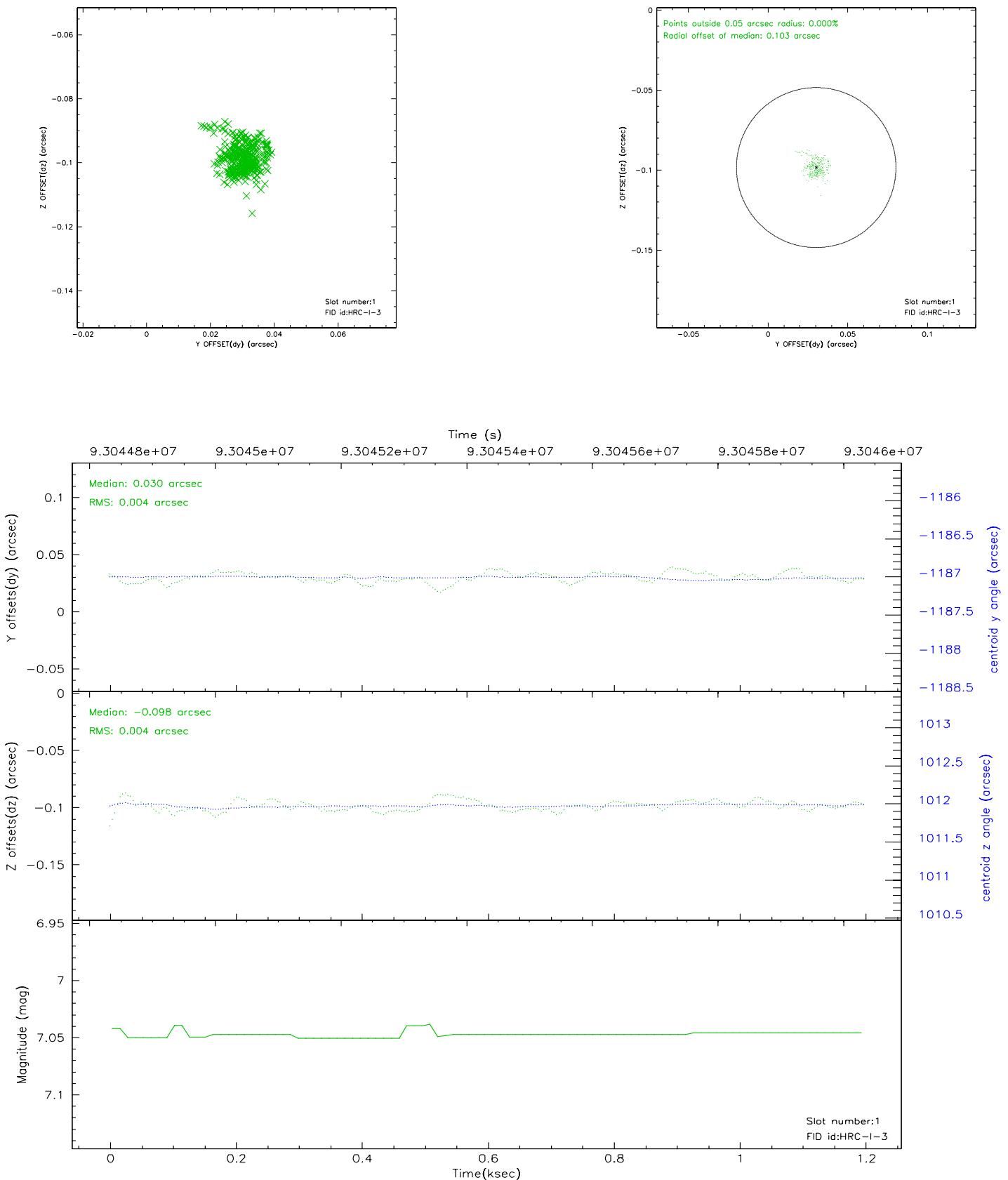


2.5 FID Slots

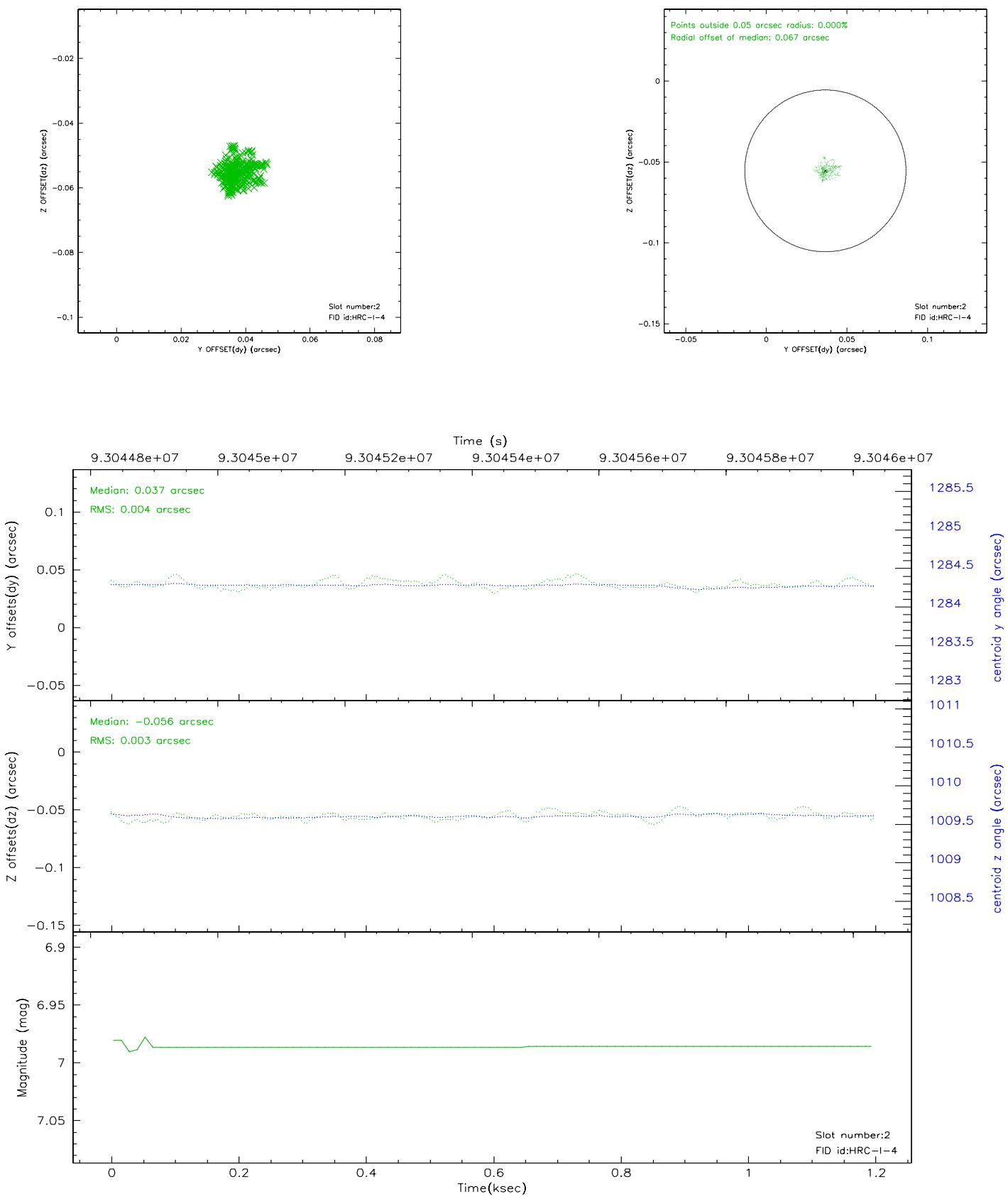
2.5.1 Slot 0



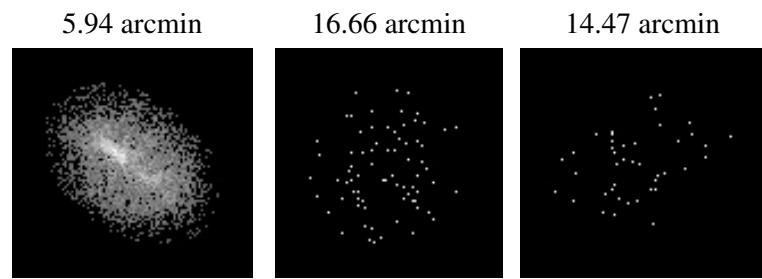
2.5.2 Slot 1



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.