

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 5995 - L2 Version 3
Chandra X-Ray Center

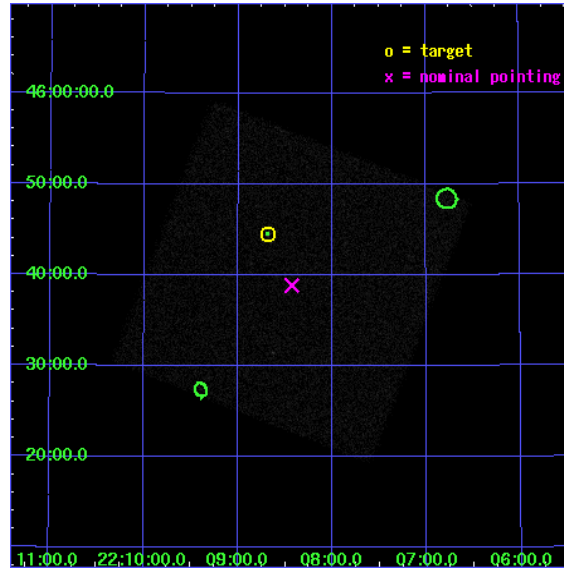
L2 Processing Date : Nov 24 2007

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1 Front

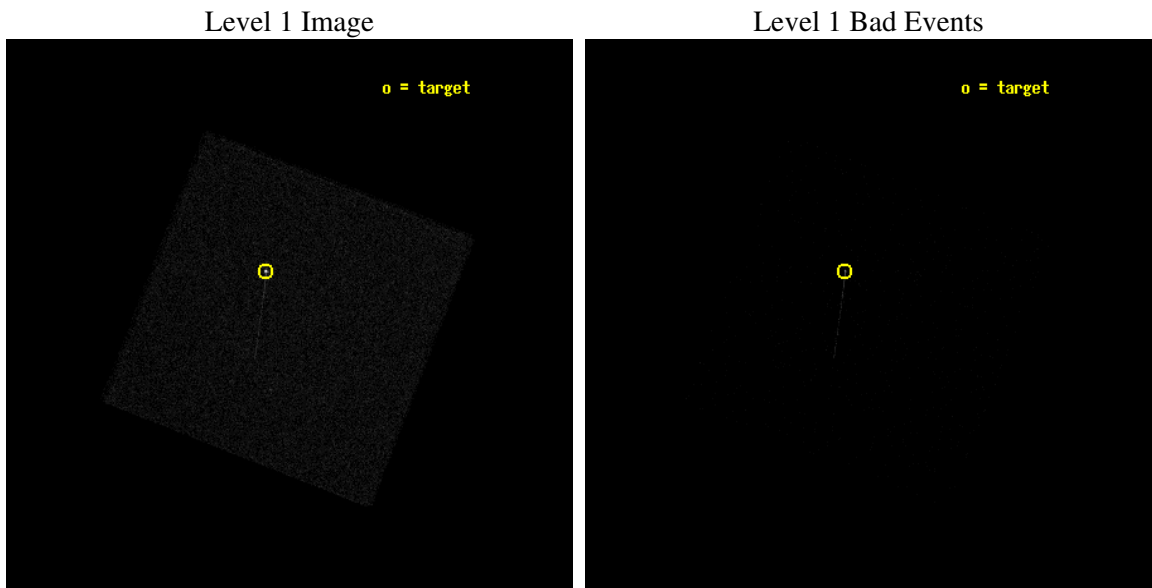
seq_num	290487
obs_id	5995
title	AO6 Calibration Observations to Monitor the Spatial Variations in the HRC-I Gain
observer	Dr. CXC Calibration
object	ArLac
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.10705751517
dec_nom	45.648001942286
roll_nom	246.38772193069
revision	3
ontime	1180.0313043296
livetime	1171.1562633114
l2events	50212



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	2007-11-24T18:32:48
revision	3

sched_exp_time	1000.000000
ontime	1180.0313043296
l1events	93638

2.1.3 Events

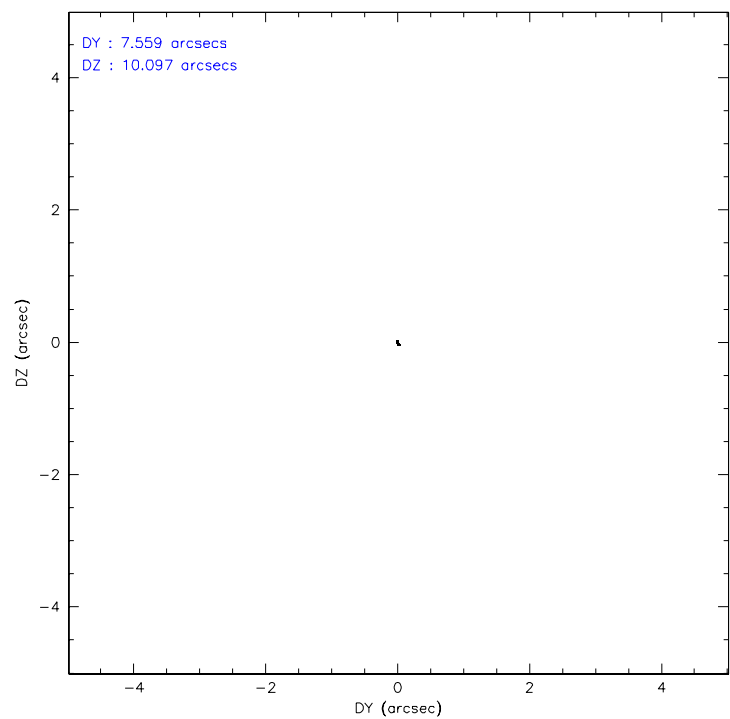
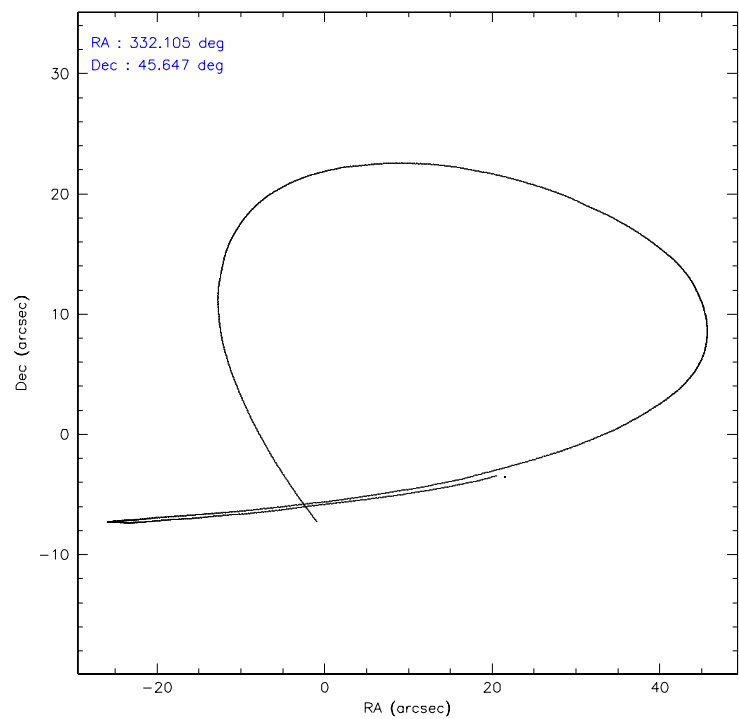
Level 1 Events

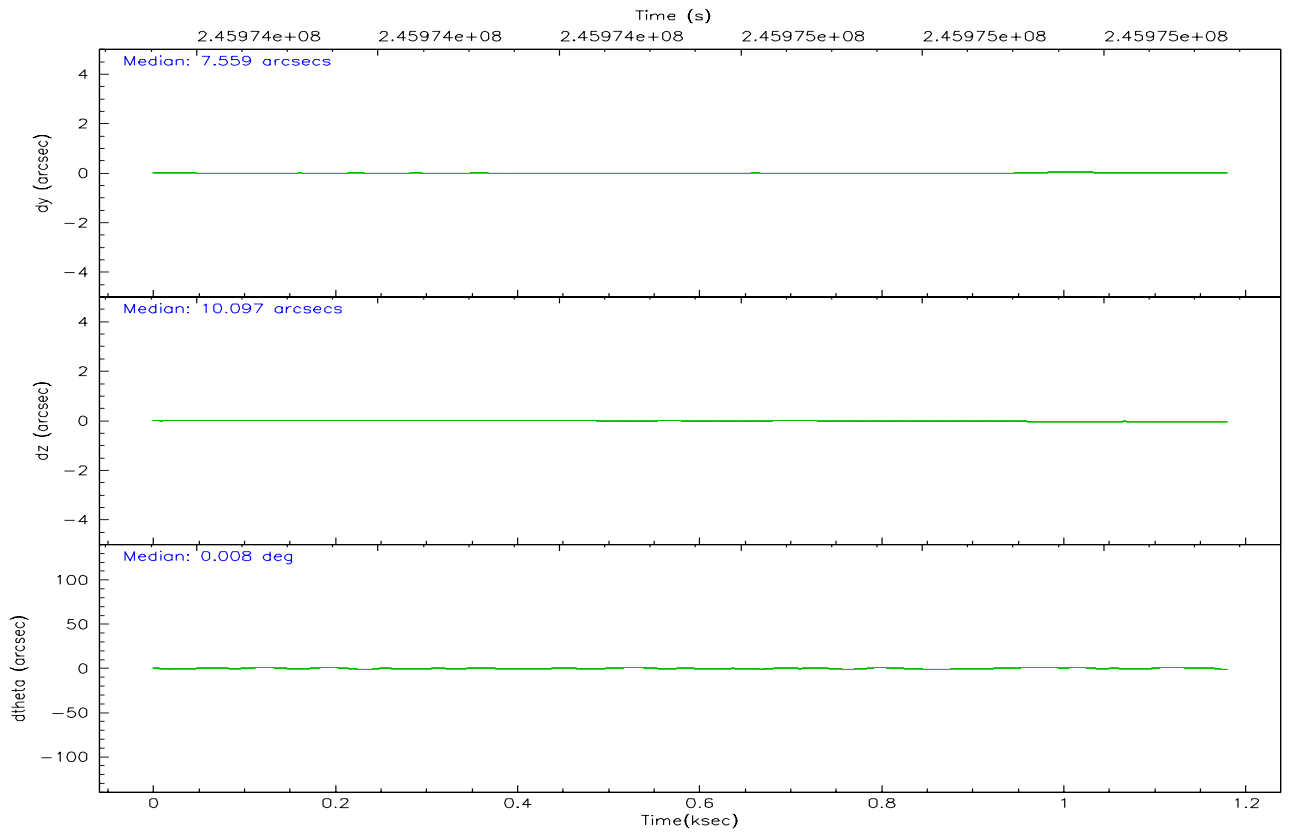
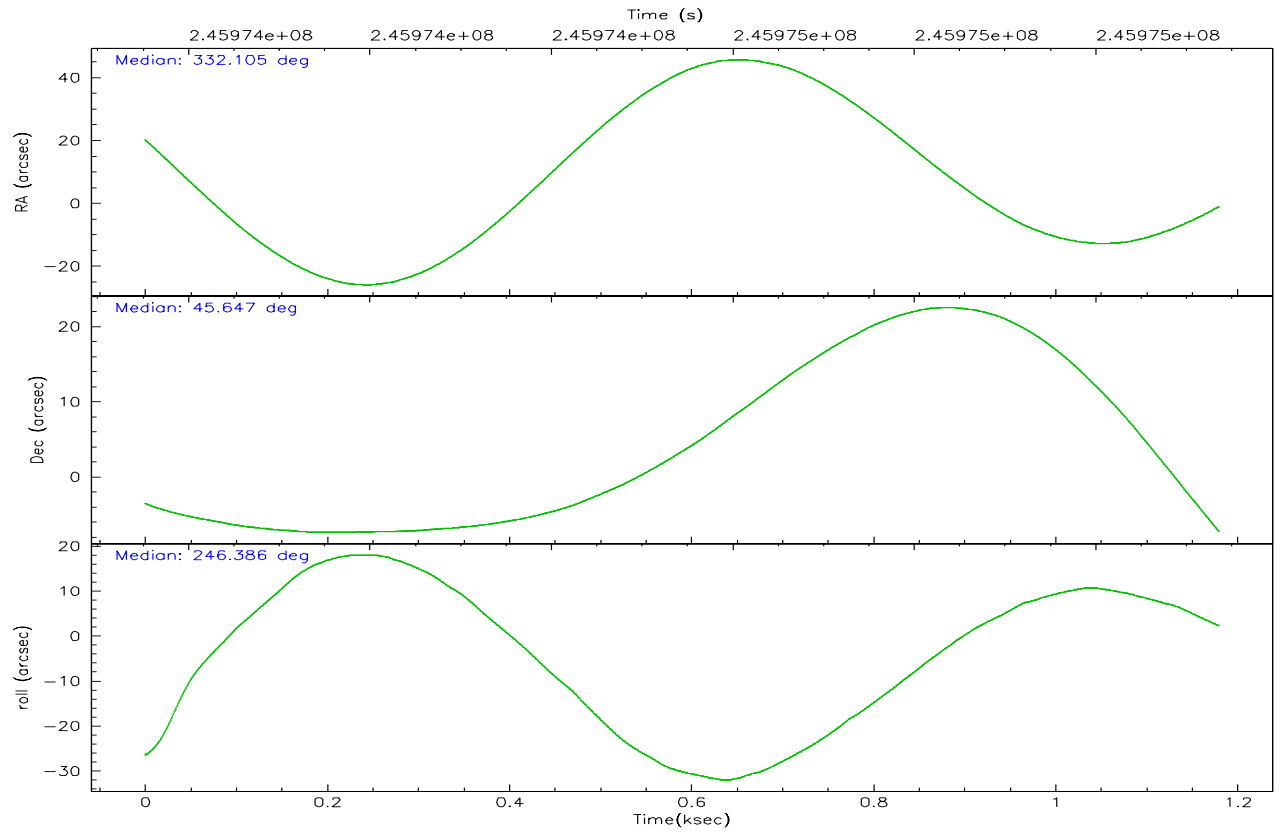
	segment 0
level 1 events	93638
rejected events	20510
rejected %	21%

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	332.103296	332.1070575151691			
Pointing Dec	45.674602	45.64800194228561			
Pointing Roll	246.485942	246.3877219306939			
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	245974131.184000	245973755.34128			
Observation start date	2005-10-17T22:07:47	2005-10-17T22:02:35			
Observation end time	245975131.184000	245975265.67885			
Observation end date	2005-10-17T22:24:27	2005-10-17T22:27:45			

2.3 Aspect



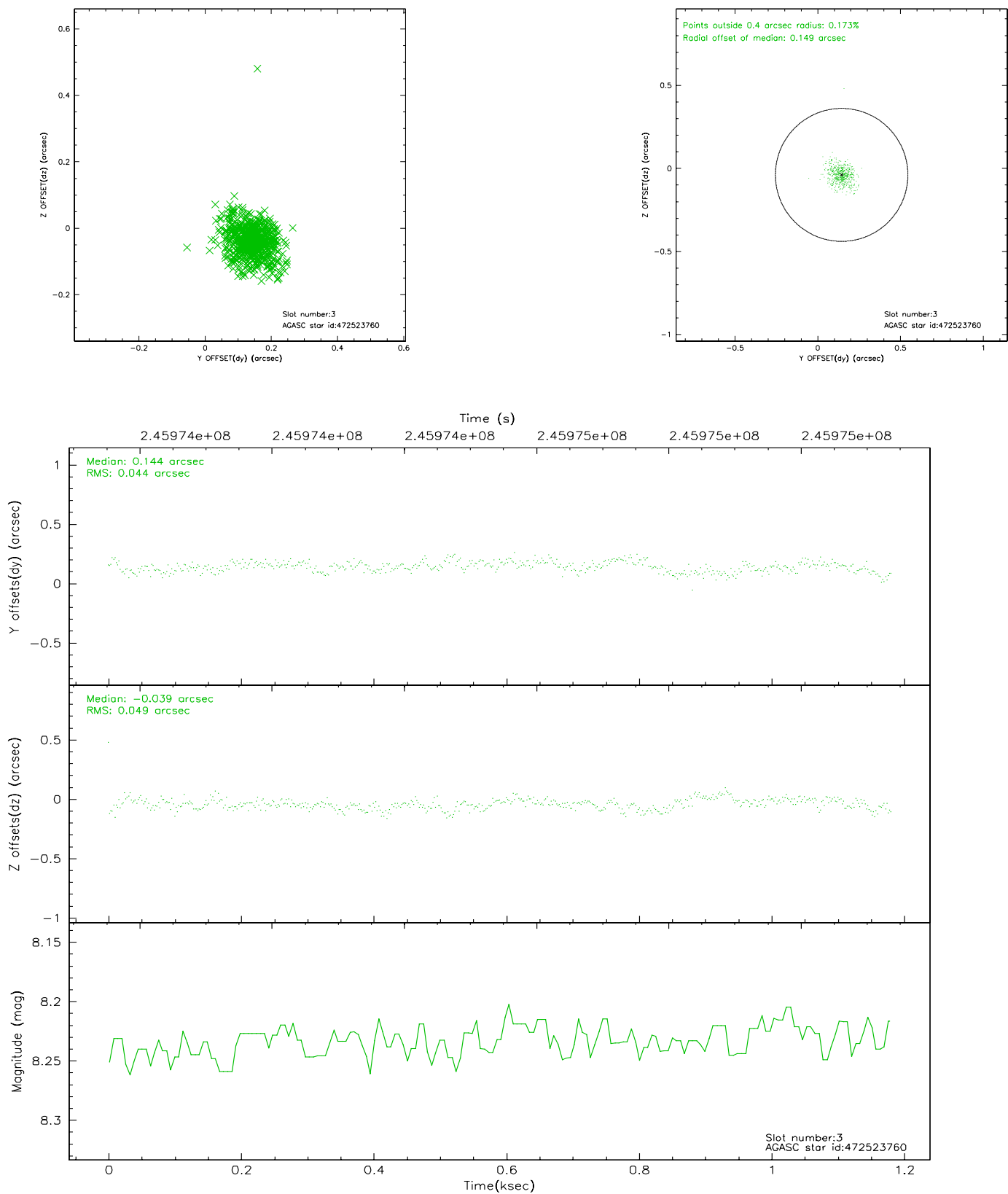


Slot Statistics

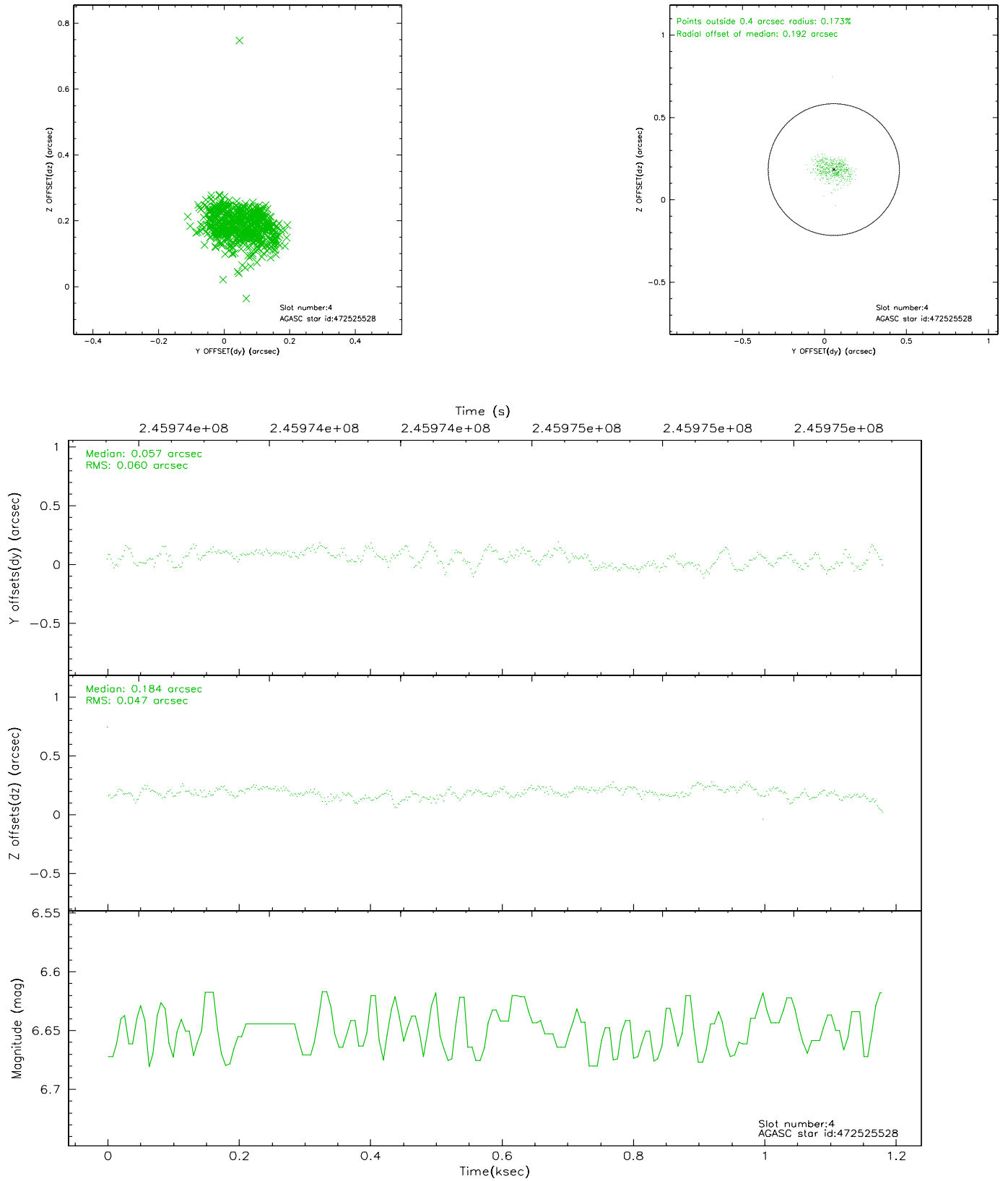
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.02	288	-0.036	0.018	0.006	0.012	0.000000	0.000000	-763.18	-1298.02
1	FID	HRC-I-2	7.05	288	0.141	-0.070	0.006	0.009	0.000000	0.000000	846.98	-1304.16
2	FID	HRC-I-3	7.10	288	0.014	-0.038	0.006	0.009	0.000000	0.000000	-1188.70	1001.96
3	GUIDE	472523760	8.23	577	0.144	-0.039	0.065	0.112	331.645363	45.403260	1354.47	-669.01
4	GUIDE	472525528	6.65	577	0.057	0.184	0.079	0.124	331.551102	45.248694	1962.11	-670.45
5	GUIDE	472533912	9.15	577	-0.077	-0.054	0.116	0.190	331.791136	46.368695	-1980.15	-1705.99
6	GUIDE	472535576	7.85	577	-0.185	0.004	0.071	0.115	331.438373	46.291802	-1387.62	-2405.03
7	GUIDE	472655152	9.41	576	0.055	-0.090	0.120	0.258	332.504239	45.862991	-1027.79	649.80

2.4 Star Slots

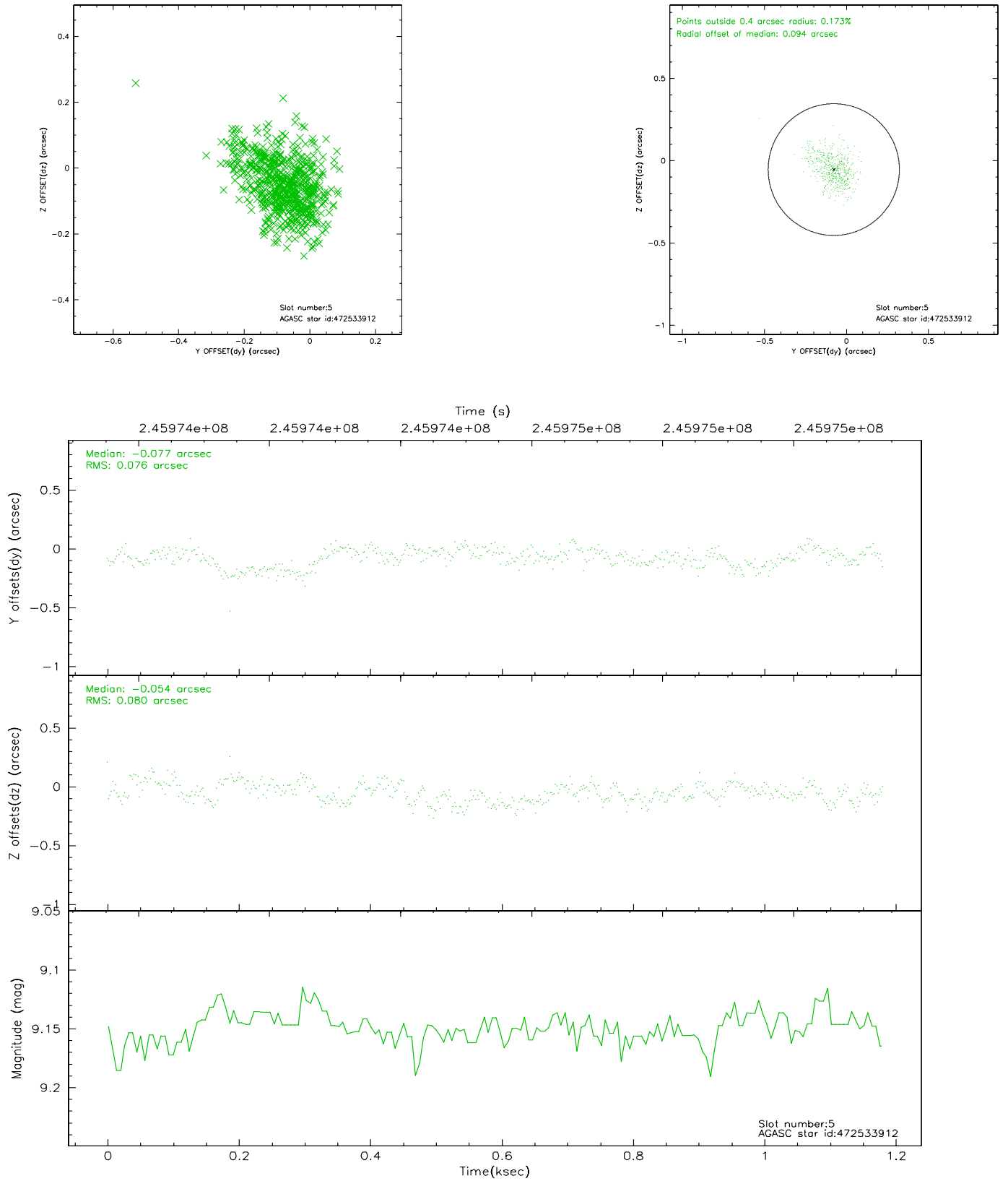
2.4.1 Slot 3



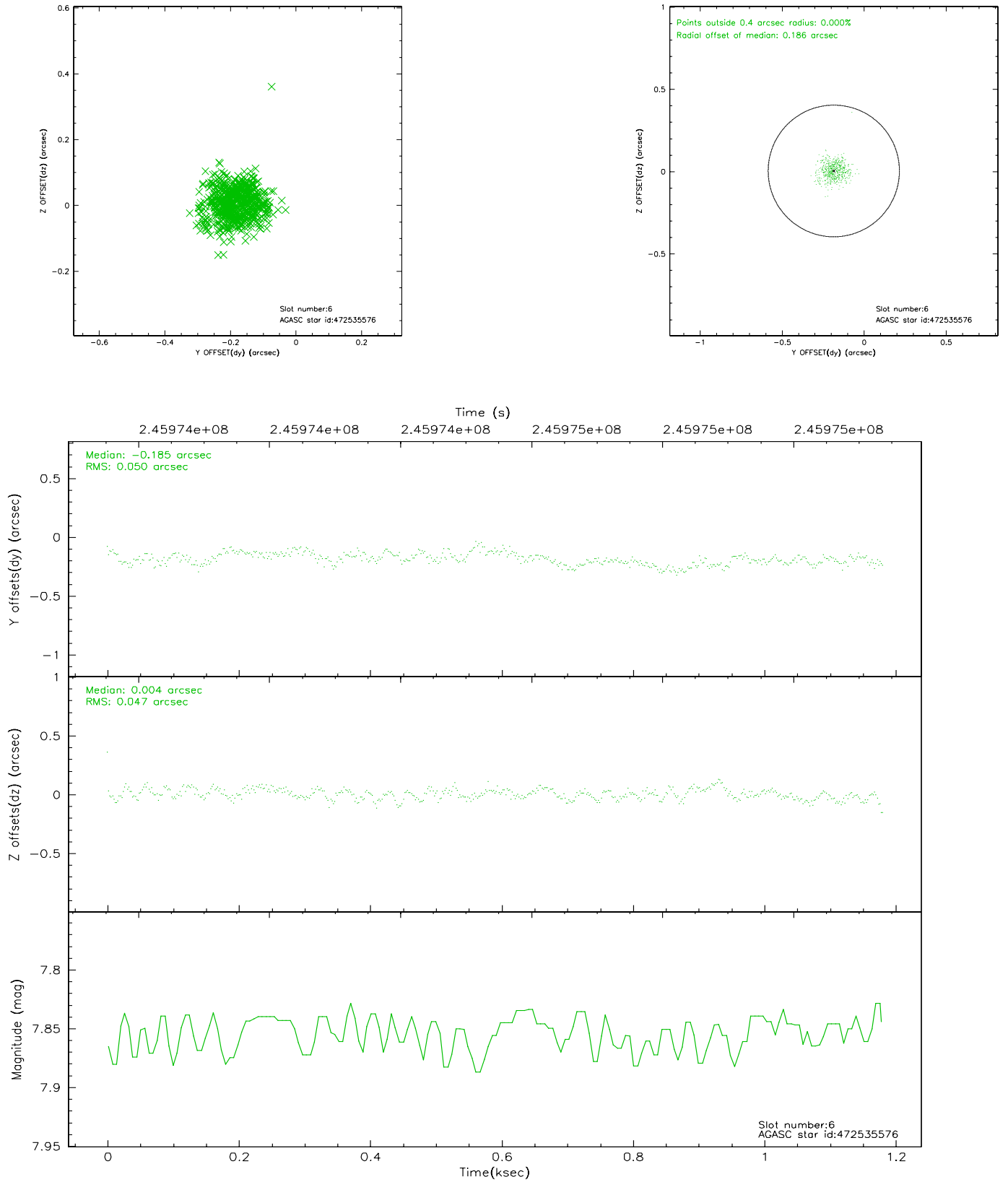
2.4.2 Slot 4



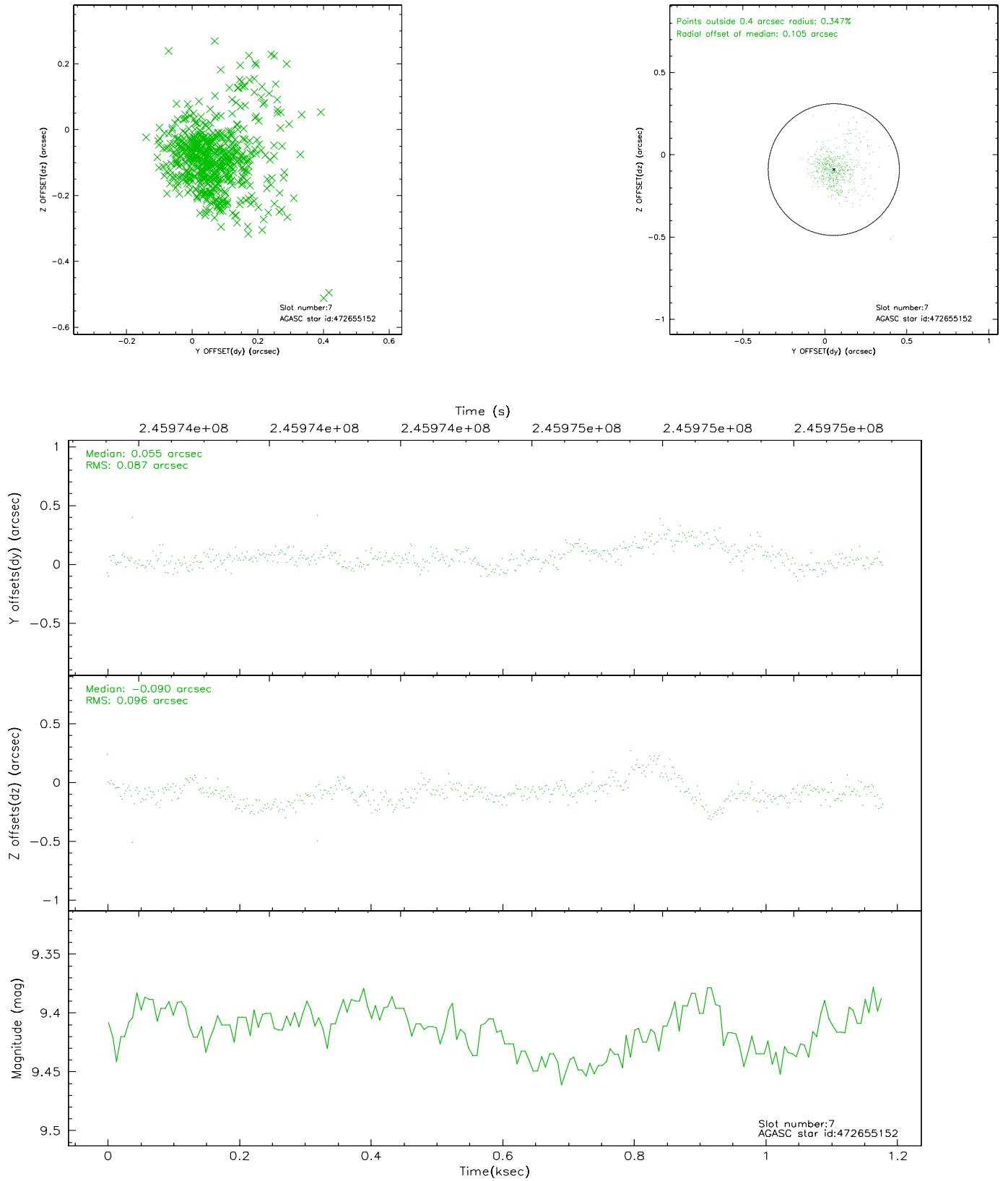
2.4.3 Slot 5



2.4.4 Slot 6

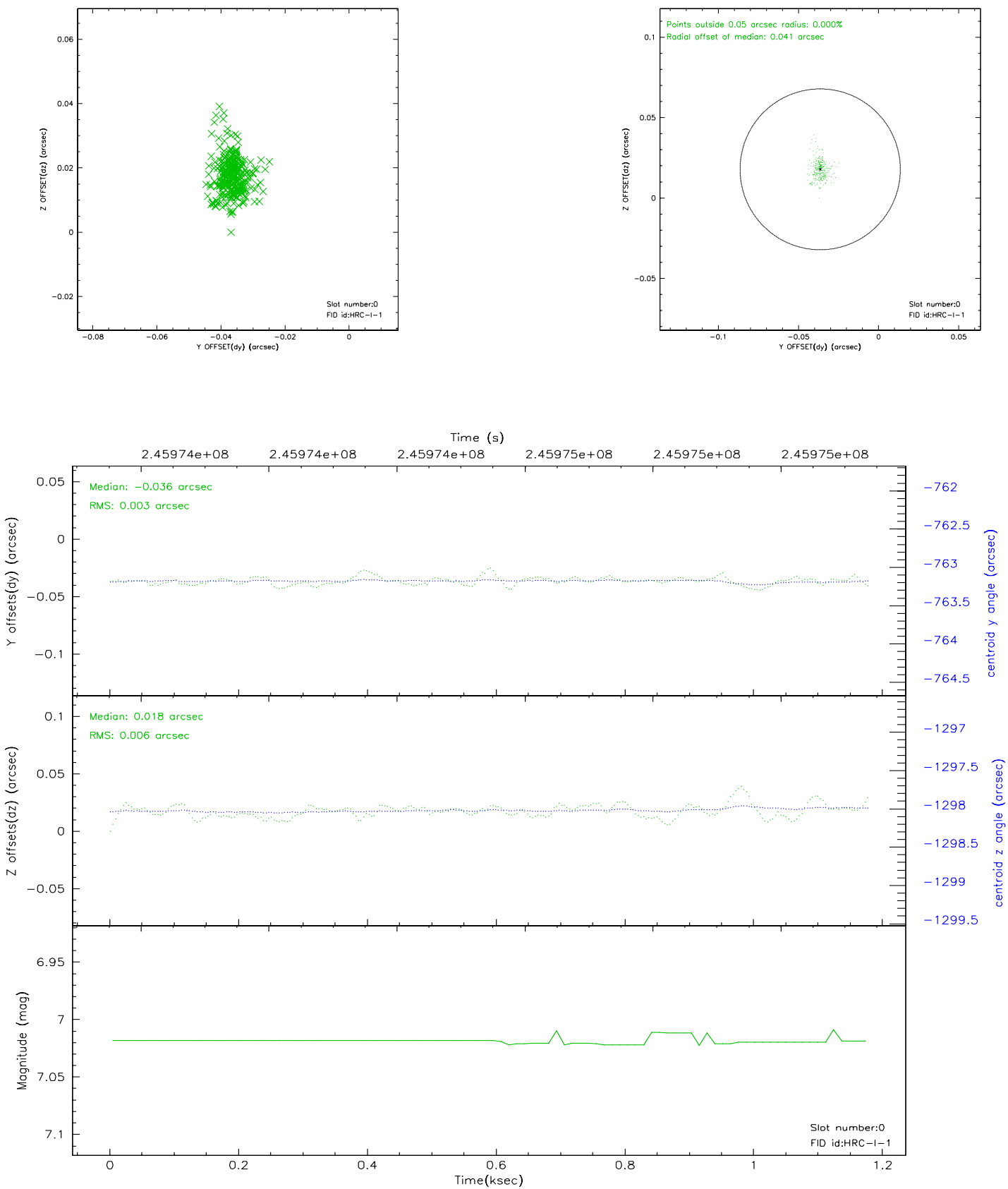


2.4.5 Slot 7

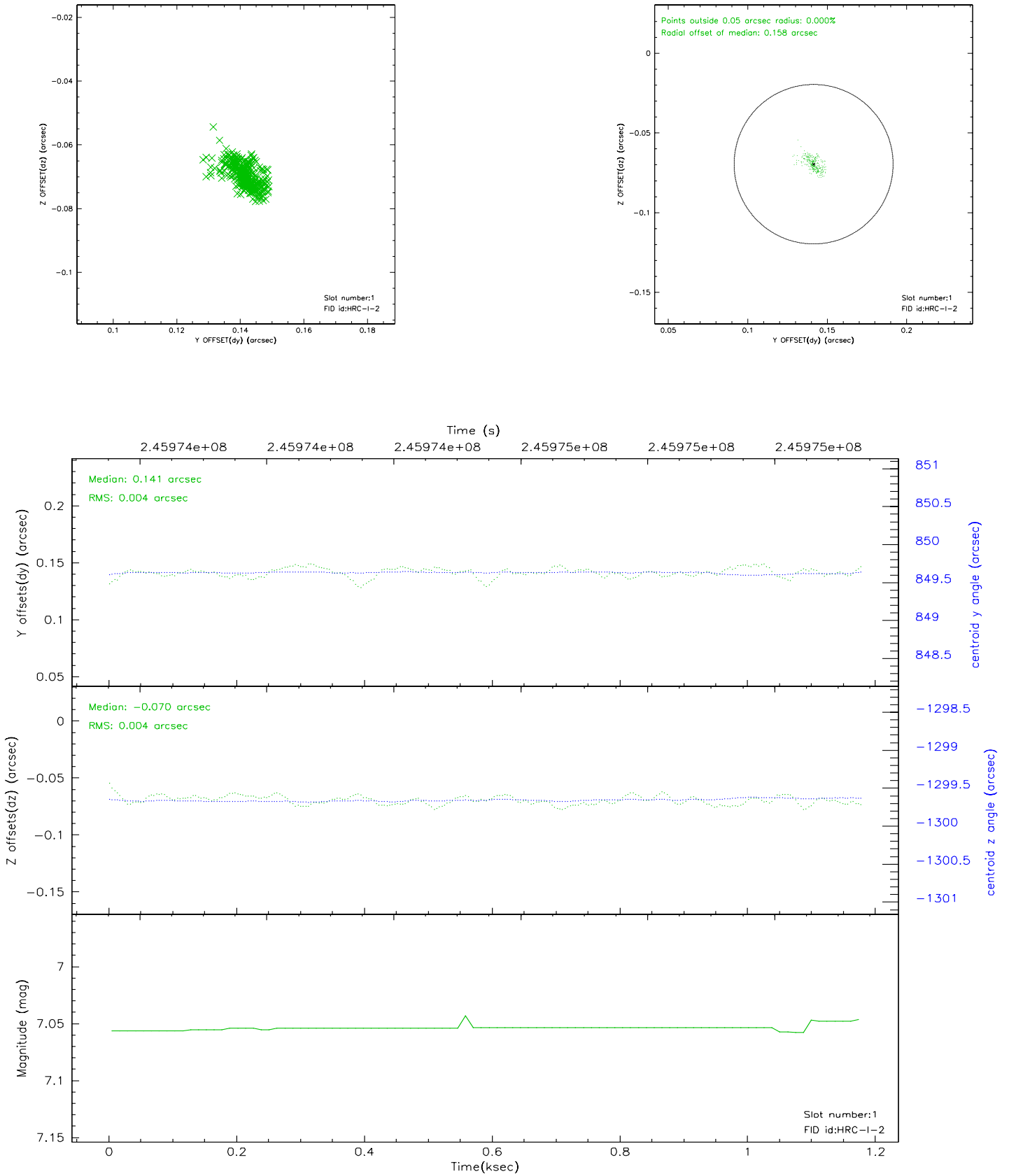


2.5 FID Slots

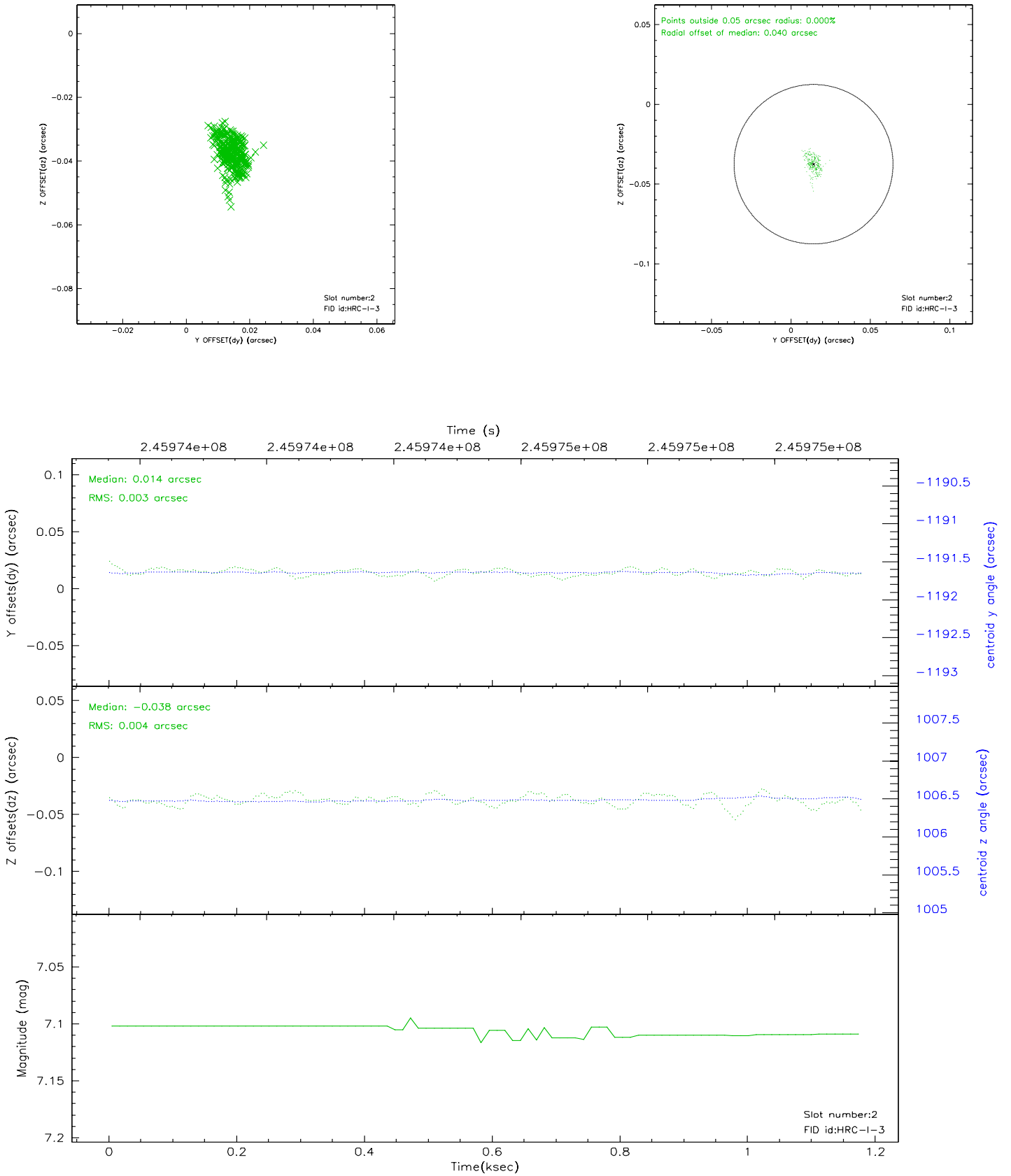
2.5.1 Slot 0



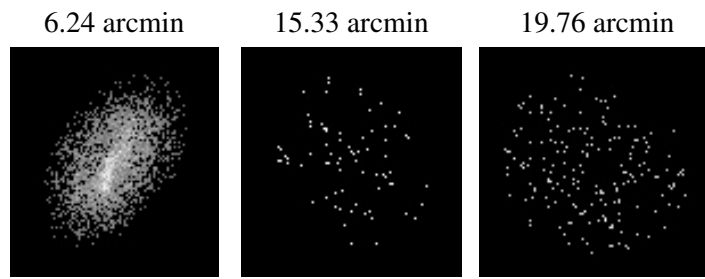
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.12.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.180031

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.