

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 2588 - L2 Version 3
Chandra X-Ray Center

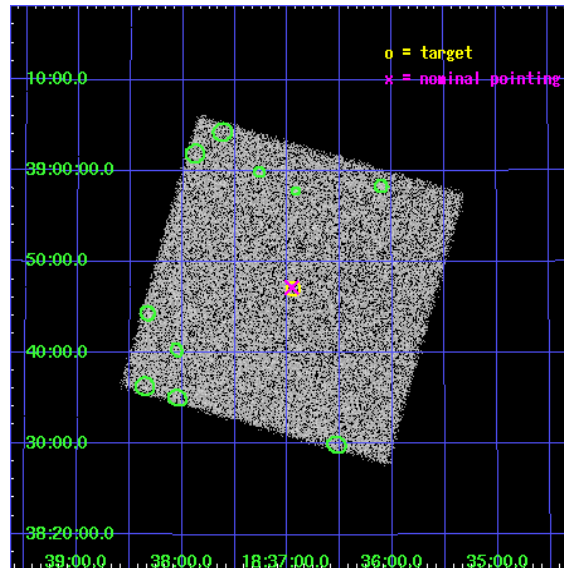
L2 Processing Date : Nov 21 2007

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1 Front

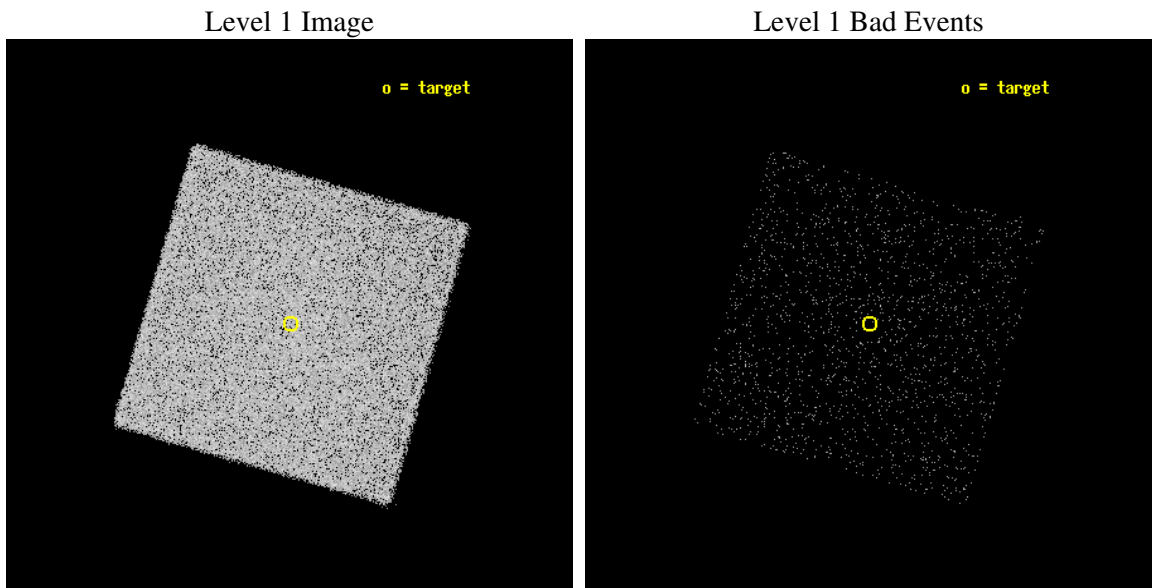
seq_num	290144
obs_id	2588
title	AO3 CALIBRATION OBSERVATIONS OF VEGA
observer	Dr. CXC Calibration
object	VEGA
ra_targ	279.235
dec_targ	38.783778
ra_nom	279.2393475561
dec_nom	38.786939965445
roll_nom	61.127010382194
revision	3
ontime	2631.4313563555
livetime	2617.0347061836
l2events	71929



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	2007-11-21T20:07:18
revision	3

sched_exp_time	2759.744000
ontime	2631.4313563555
l1events	124125

2.1.3 Events

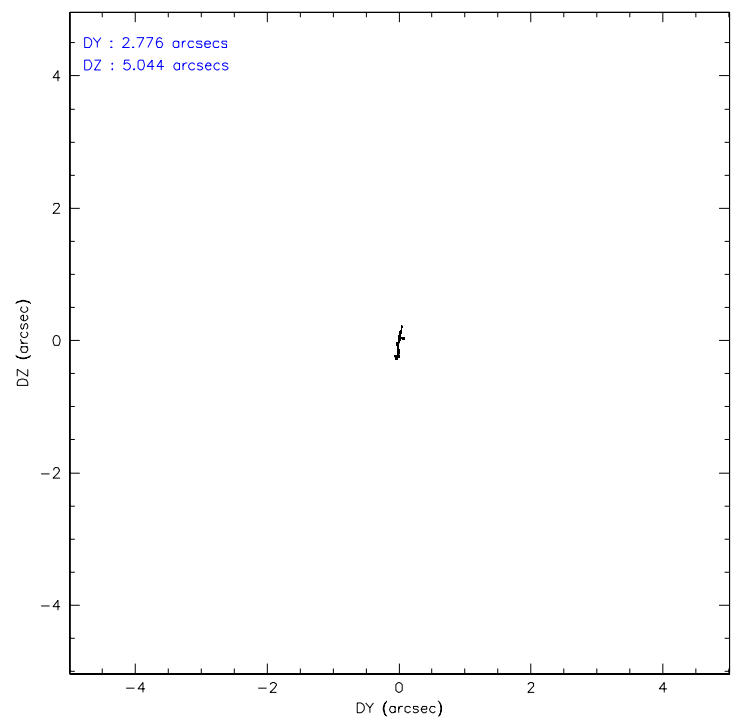
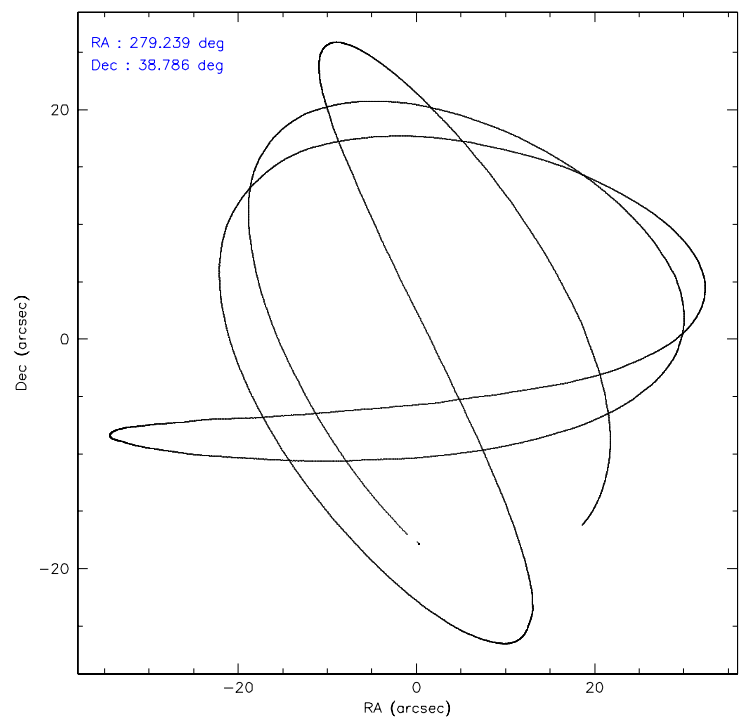
Level 1 Events

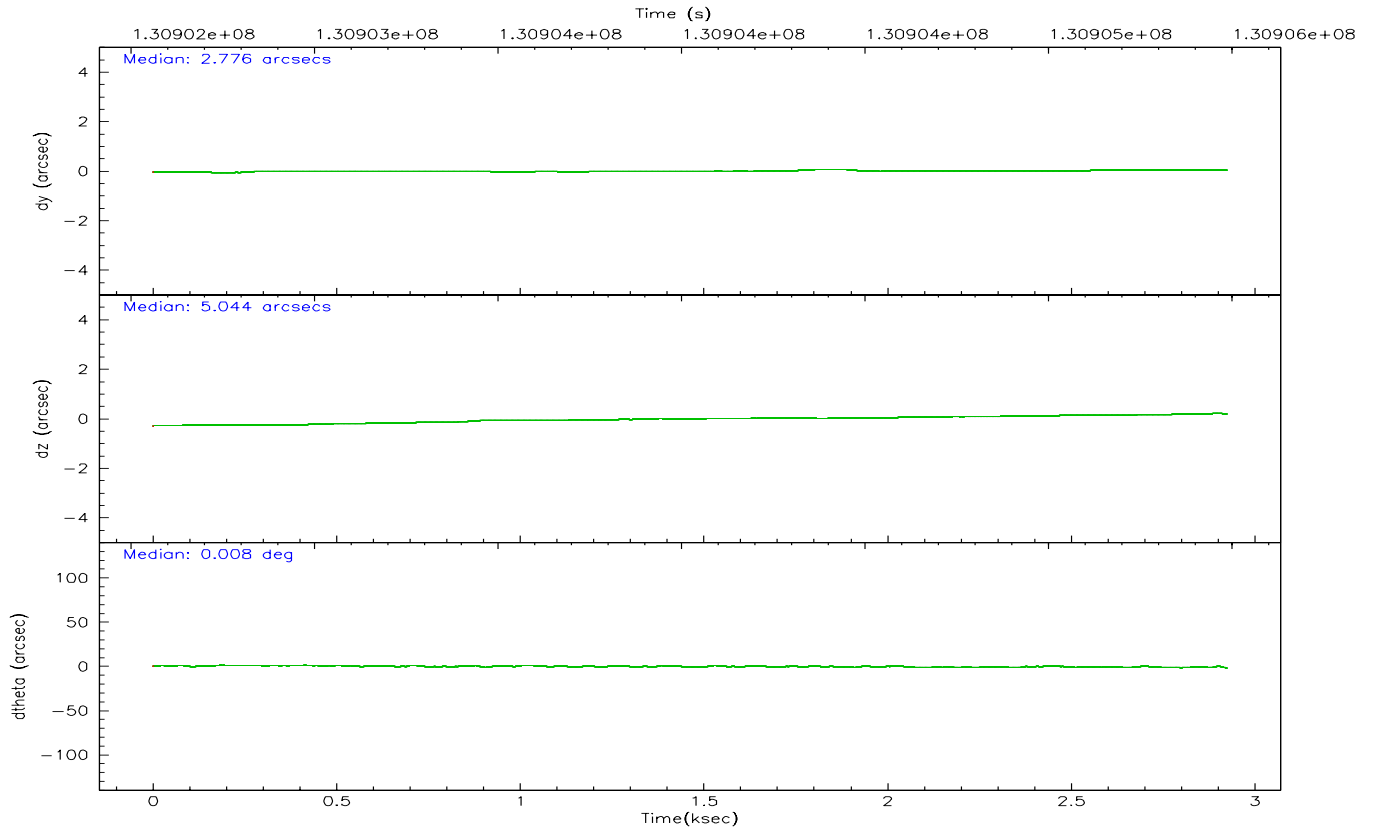
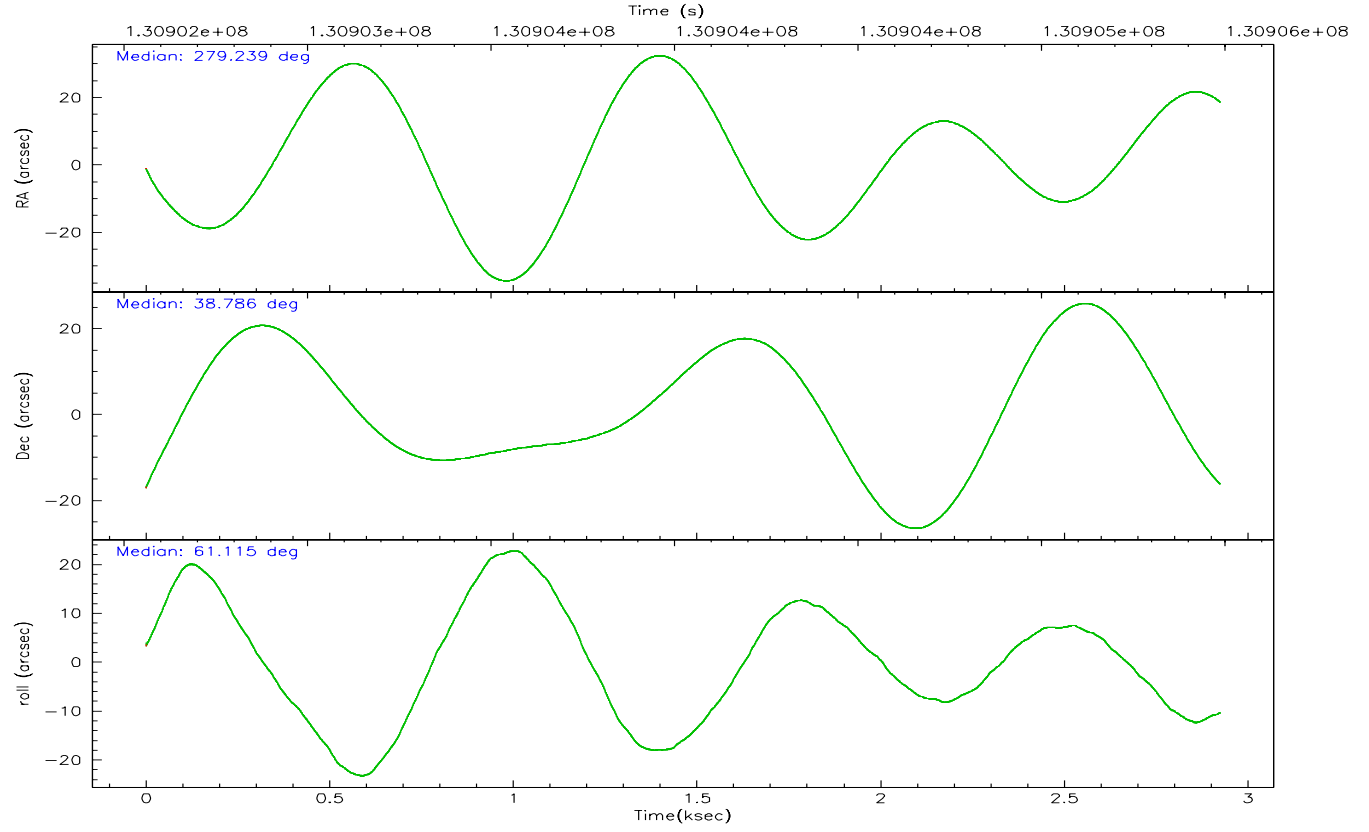
	segment 0
level 1 events	124125
rejected events	14900
rejected %	12%

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	279.240668	279.2393475560959			
Pointing Dec	38.759292	38.78693996544518			
Pointing Roll	61.221694	61.12701038219364			
Window start time	128908864.184000	128908864.184000			
Window stop time	131241664.184000	131241664.184000			
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	130902725.184000	130902322.15007			
Observation start date	2002-02-24T01:51:01	2002-02-24T01:45:22			
Observation end time	130905485.184000	130905799.97521			
Observation end date	2002-02-24T02:37:01	2002-02-24T02:43:19			

2.3 Aspect



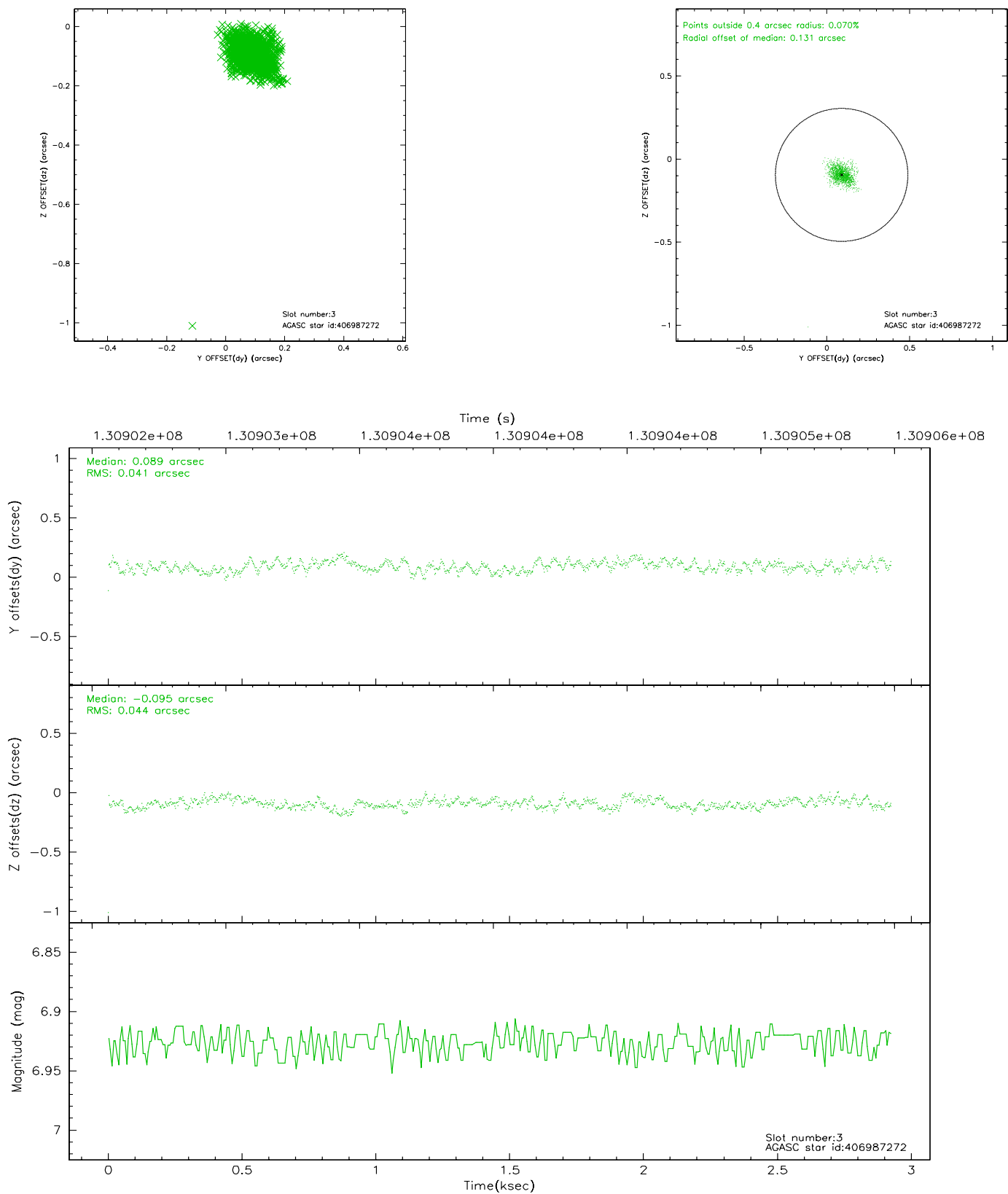


Slot Statistics

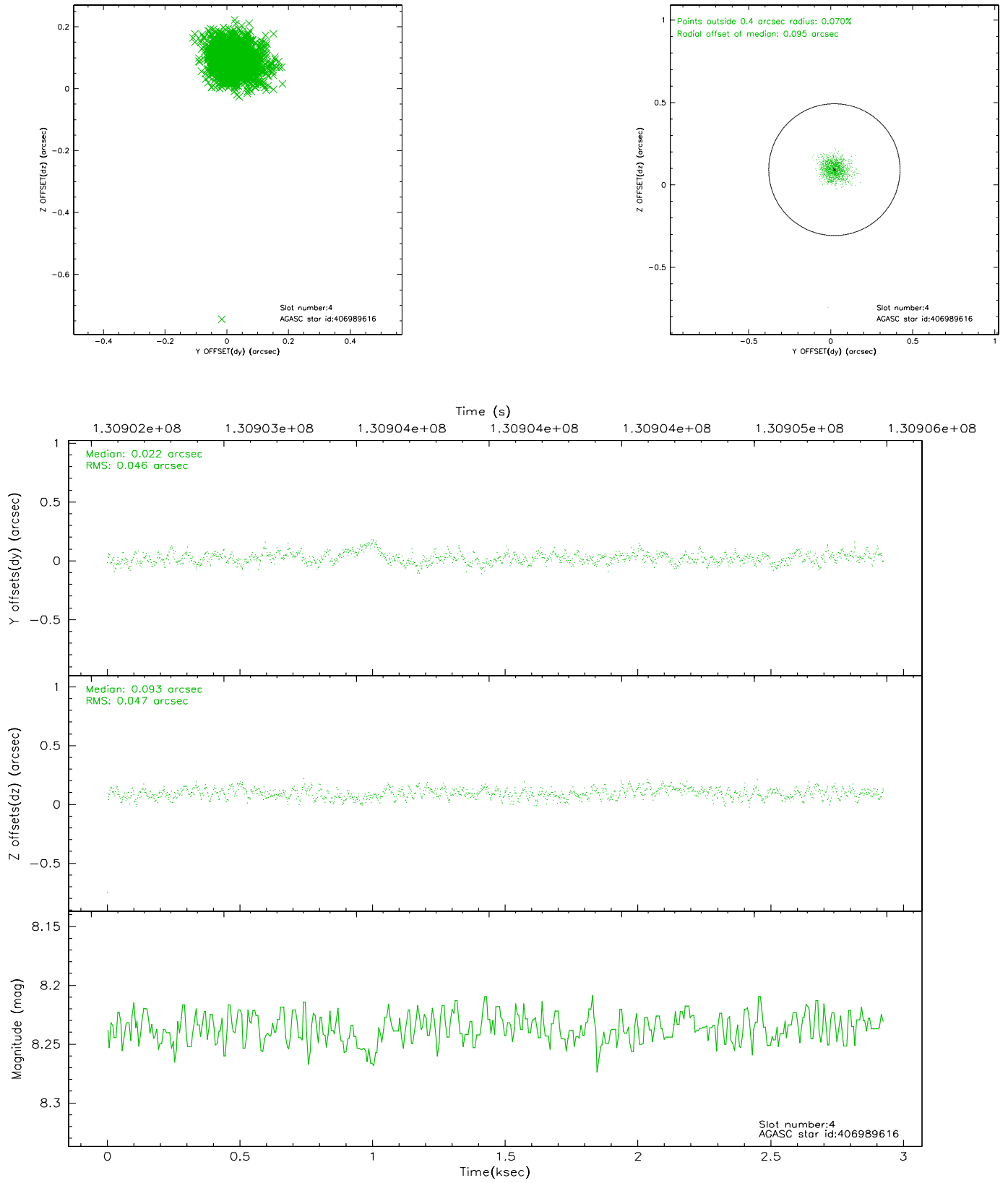
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	714	0.015	0.057	0.008	0.014	0.000000	0.000000	-758.22	-1292.76
1	FID	HRC-I-2	7.01	714	0.058	-0.041	0.007	0.013	0.000000	0.000000	853.40	-1296.22
2	FID	HRC-I-3	7.06	714	0.046	-0.105	0.007	0.011	0.000000	0.000000	-1185.50	1009.82
3	GUIDE	406987272	6.93	1428	0.089	-0.095	0.058	0.097	278.536588	38.437504	-1966.24	1185.40
4	GUIDE	406989616	8.24	1428	0.022	0.093	0.067	0.110	279.202881	38.520843	-806.55	-319.59
5	GUIDE	406990192	9.00	1428	0.050	-0.034	0.090	0.142	278.510952	38.533654	-1696.56	1413.04
6	GUIDE	406983600	8.94	1428	-0.126	0.072	0.069	0.113	279.940957	39.020708	1771.62	-1259.29
7	GUIDE	406980288	9.30	1423	-0.037	-0.034	0.096	0.171	278.903147	39.061646	501.27	1350.54

2.4 Star Slots

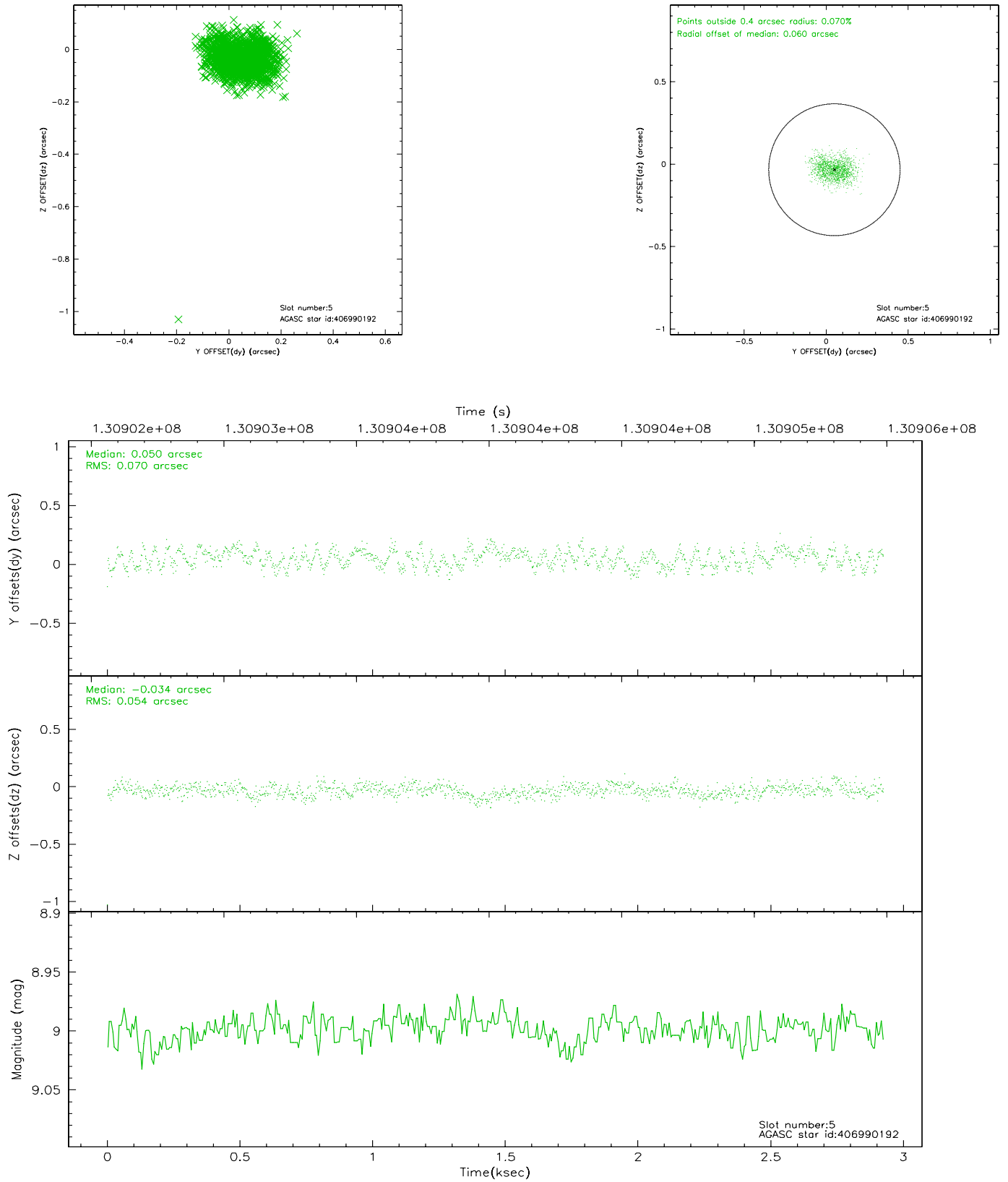
2.4.1 Slot 3



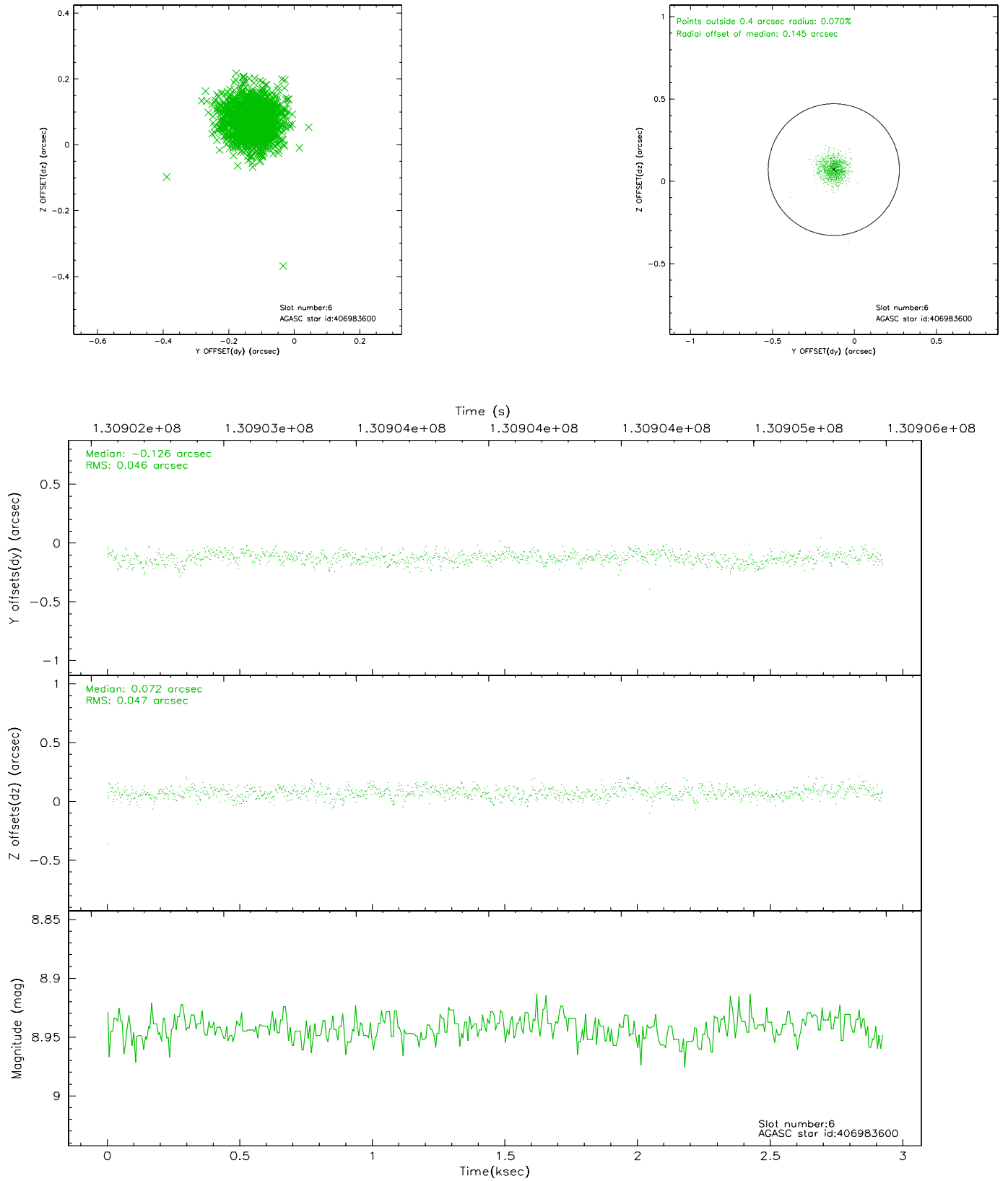
2.4.2 Slot 4



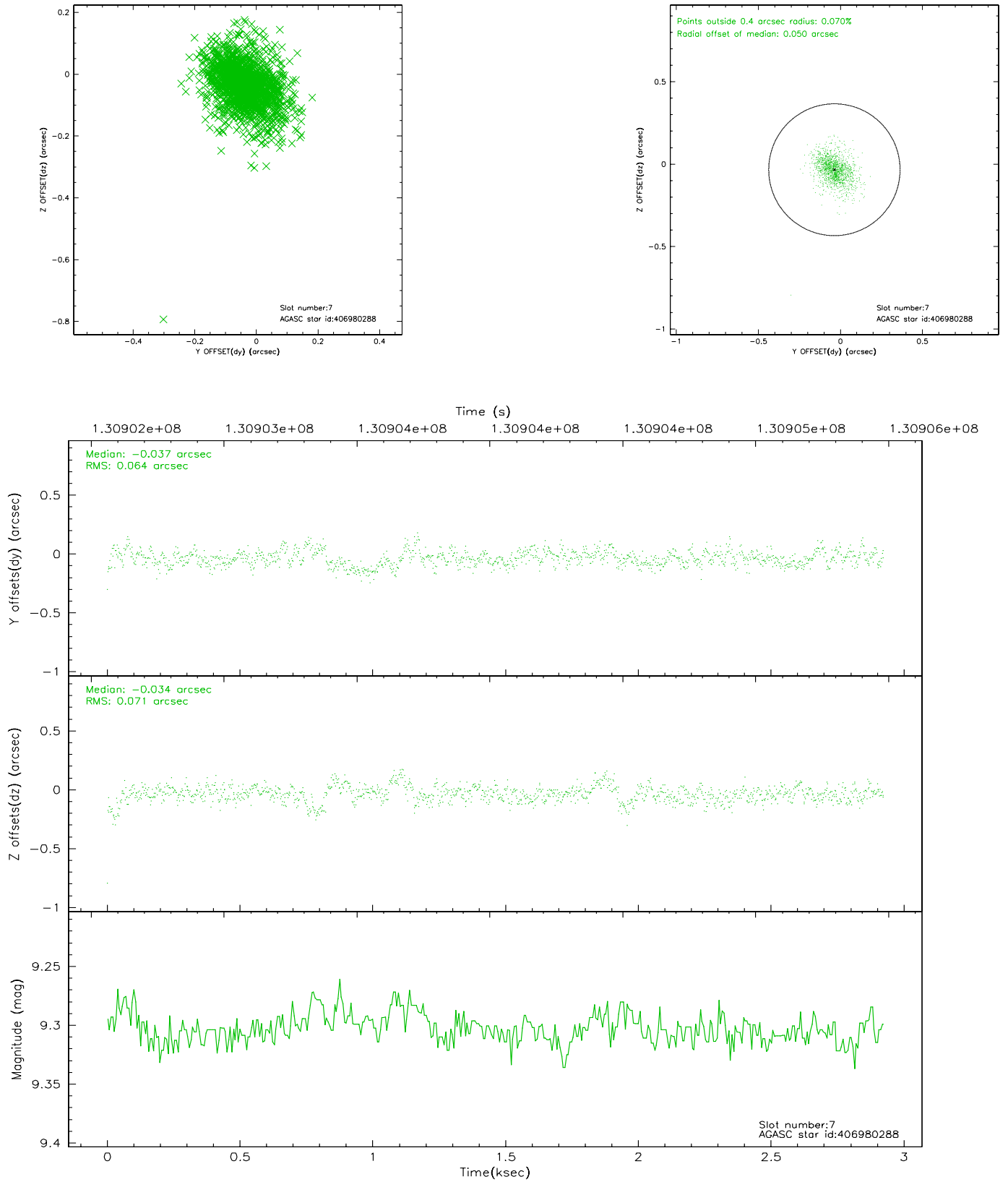
2.4.3 Slot 5



2.4.4 Slot 6

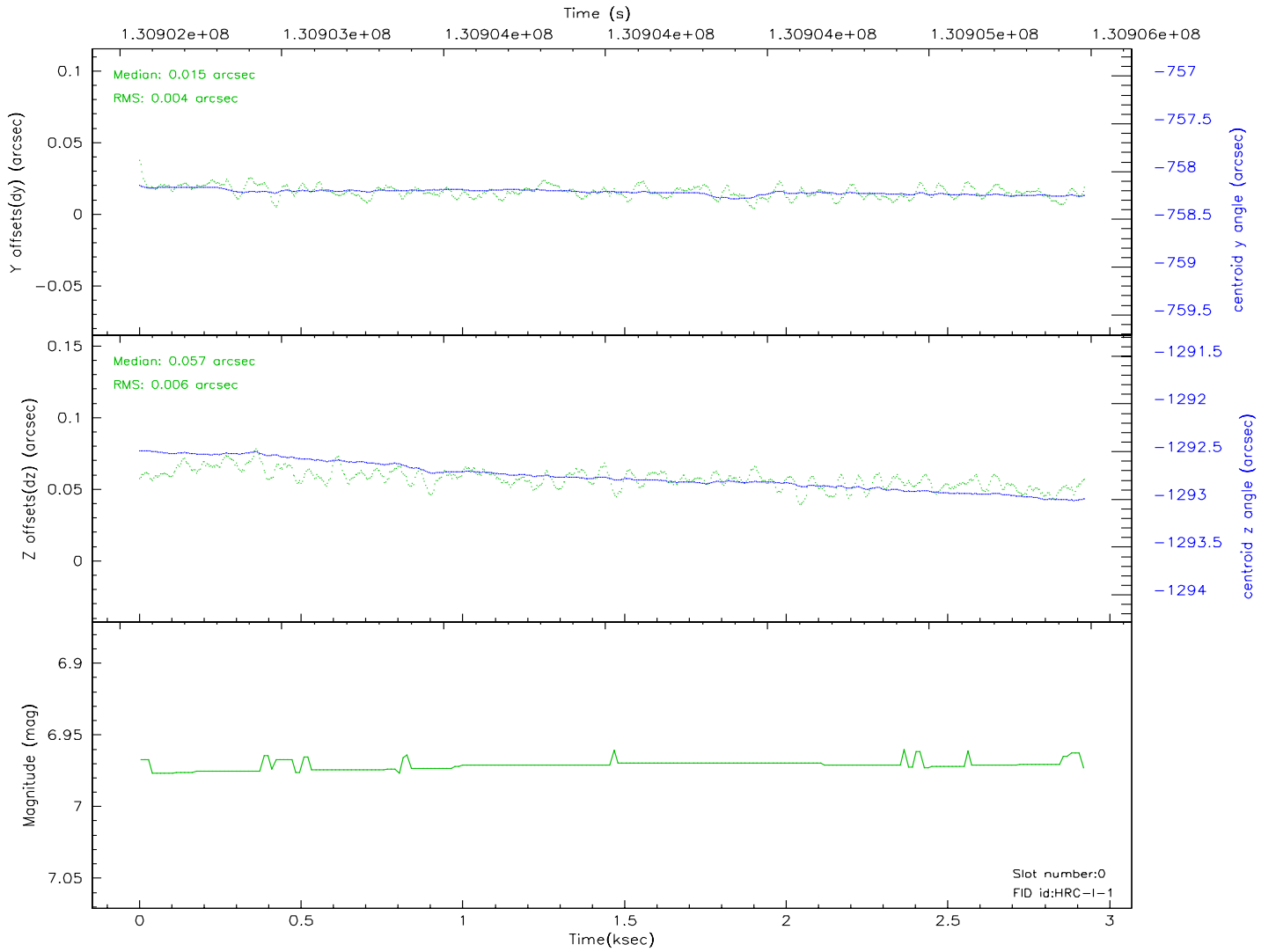
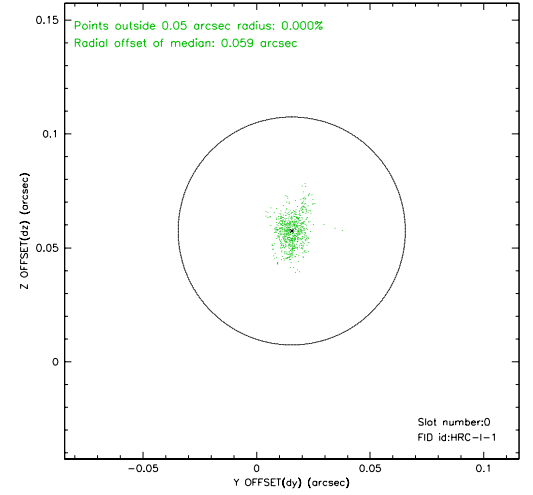
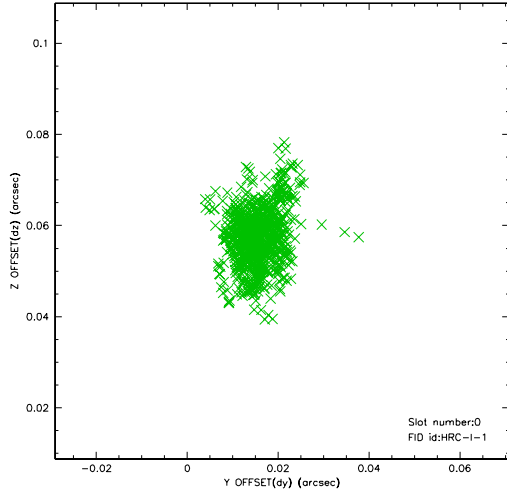


2.4.5 Slot 7

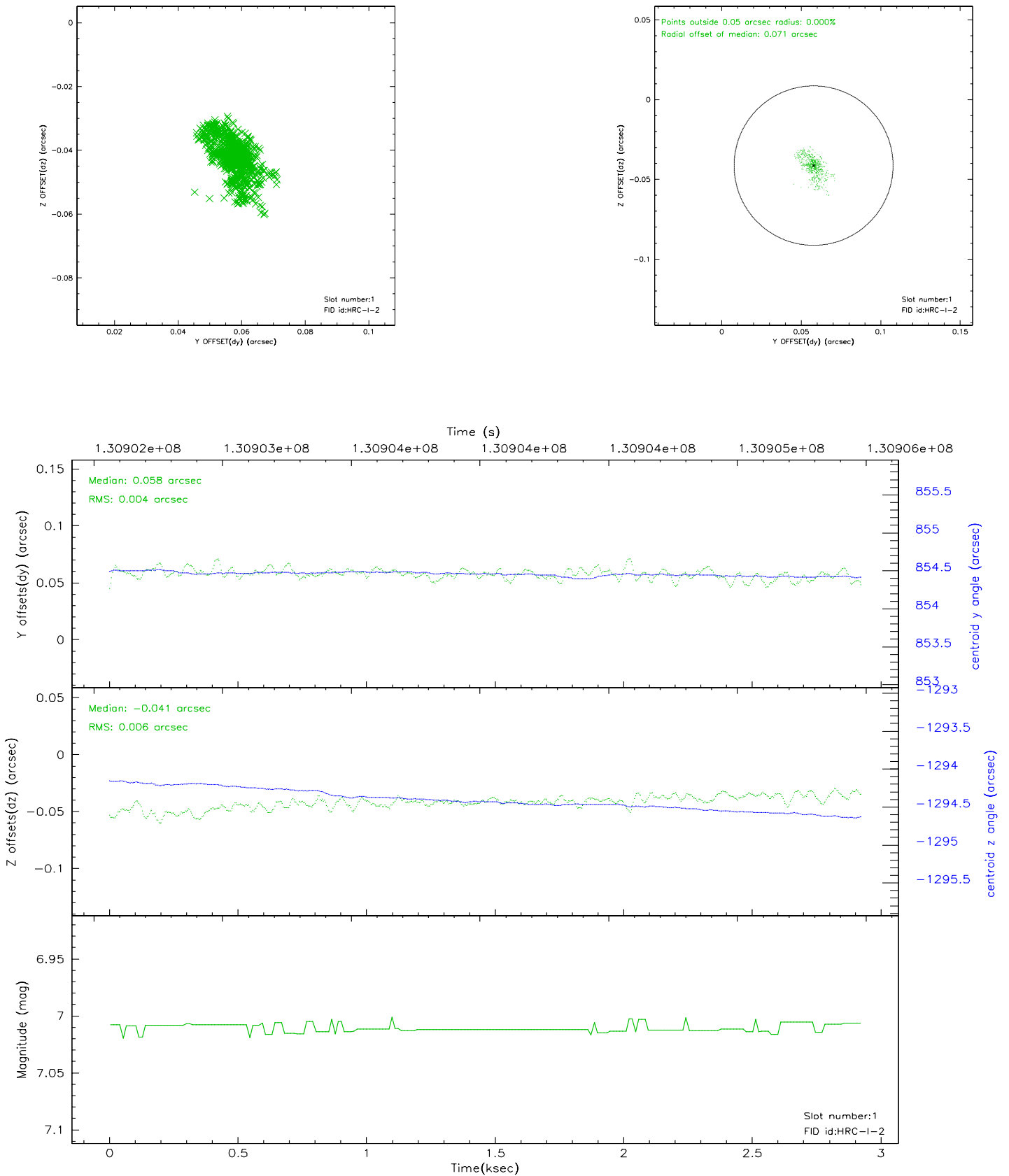


2.5 FID Slots

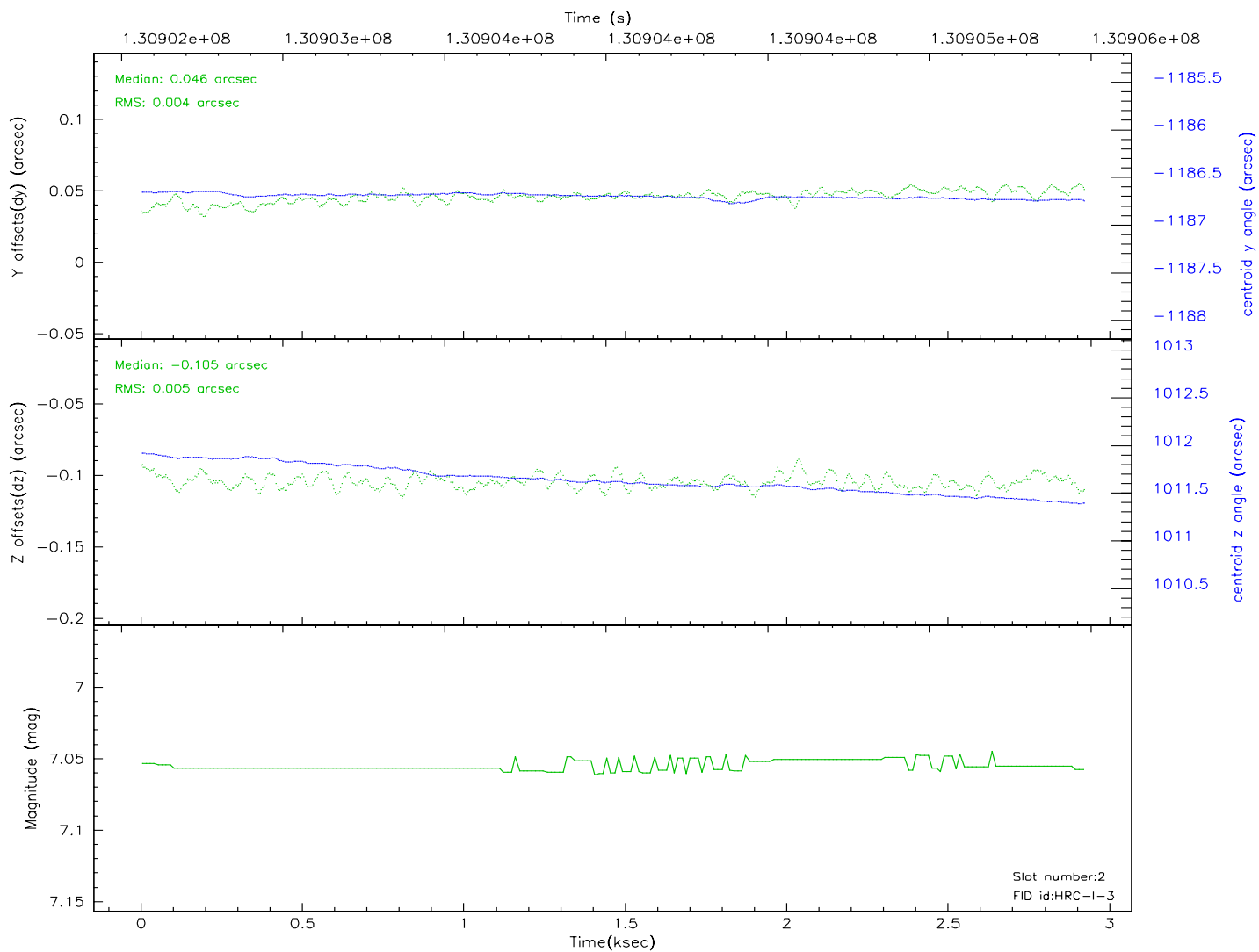
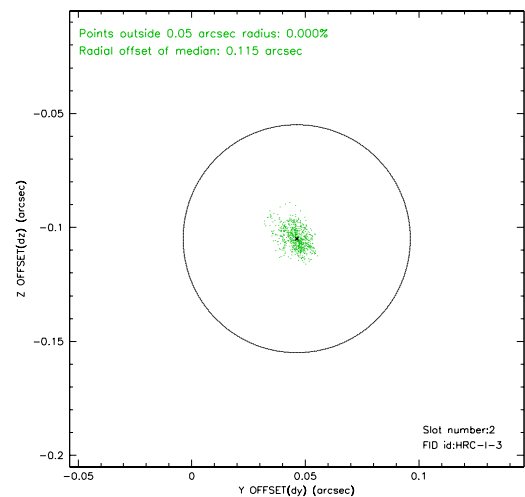
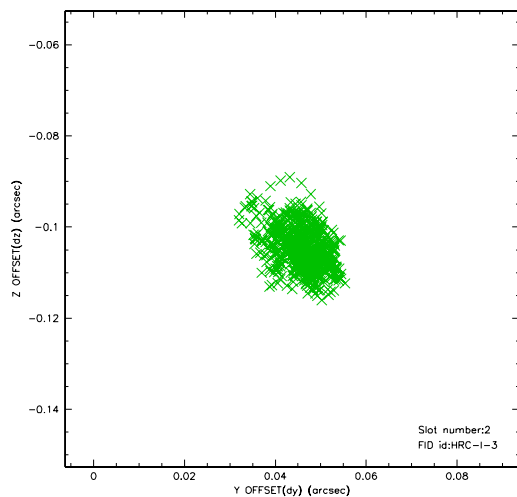
2.5.1 Slot 0



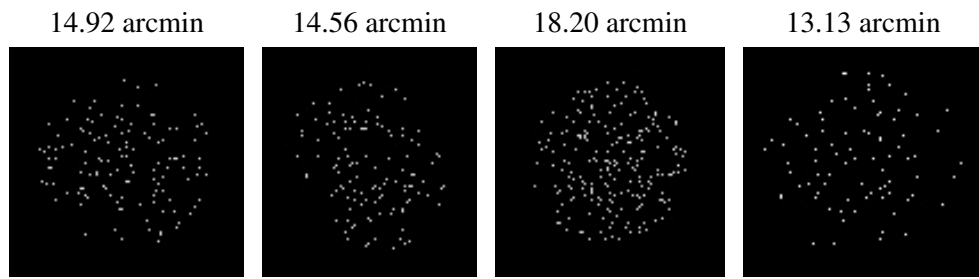
2.5.2 Slot 1



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	2.631

A.2 Comments

Window constraint satisfied.

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.