

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 1862 - L2 Version 5
Chandra X-Ray Center

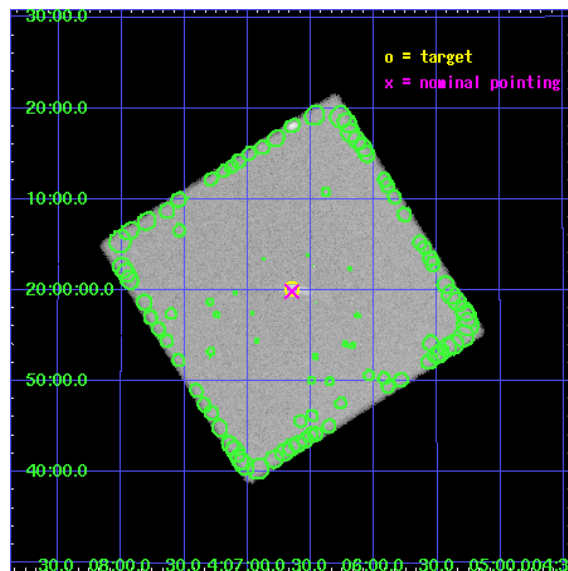
L2 Processing Date : Nov 21 2007

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1 Front

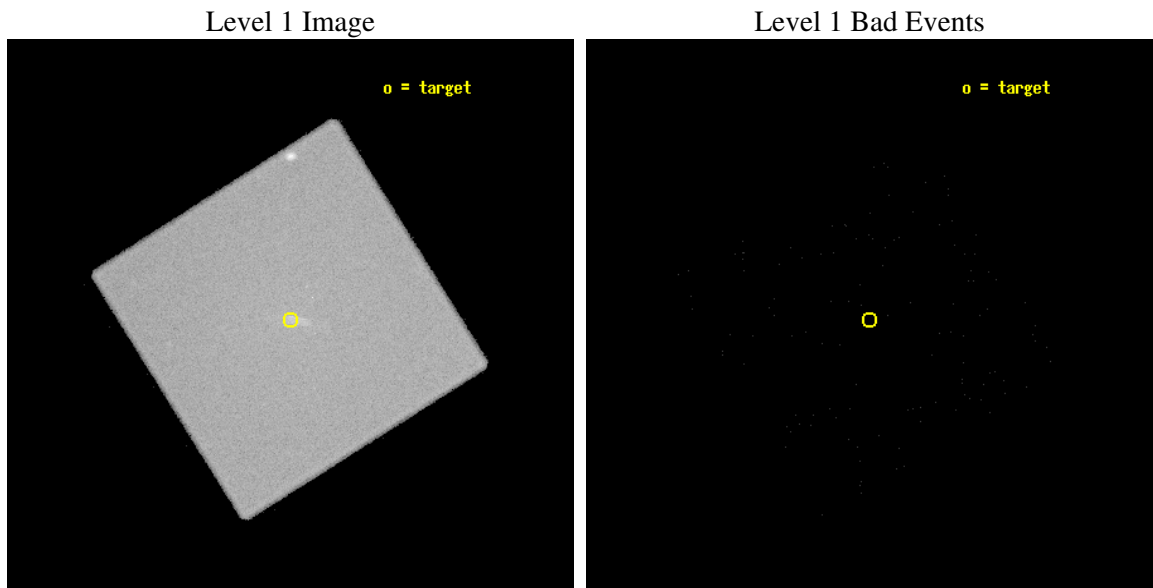
seq_num	100020
obs_id	1862
title	THE MORPHOLOGY OF JOVIAN X-RAYS AND SUPPORT OF THE CASSINI FLYBY OF JUPITER
observer	Dr. G. Gladstone
object	JUPITER
ra_targ	61.663333
dec_targ	20.002403
ra_nom	61.66253630411
dec_nom	19.998085198112
roll_nom	282.85878185758
revision	5
ontime	35981.857626036
livetime	35818.91974651
l2events	820048



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	2007-11-21T06:58:41
revision	4

sched_exp_time	36000.000000
ontime	35981.857626036
l1events	1229999

2.1.3 Events

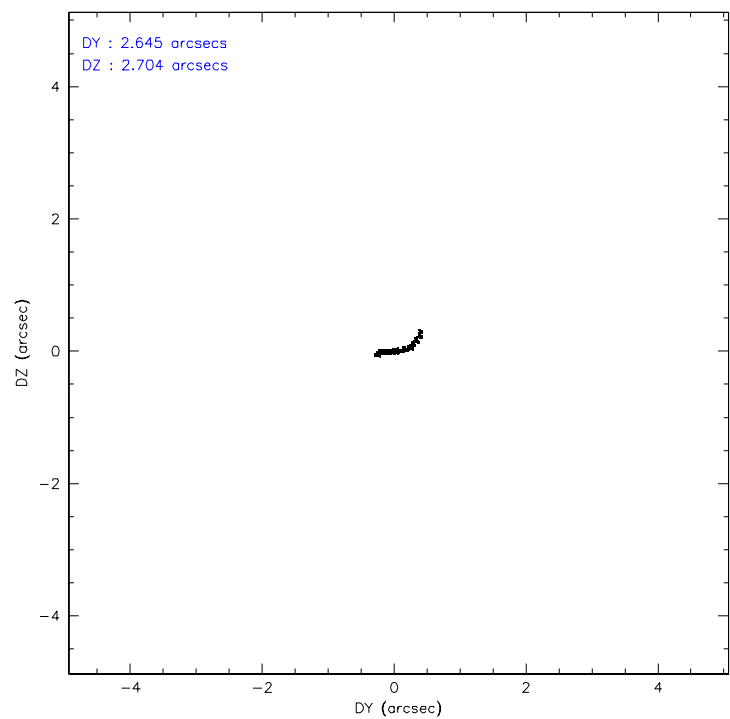
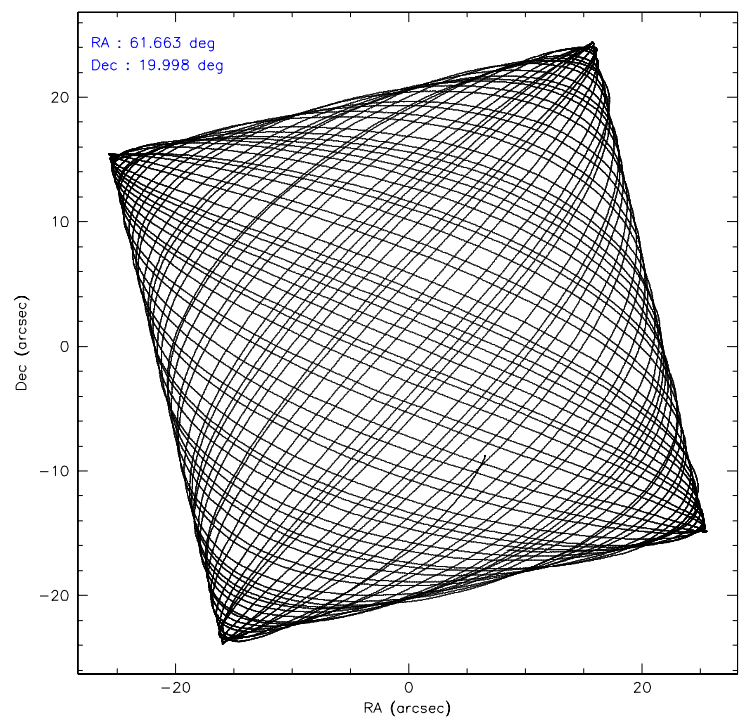
Level 1 Events

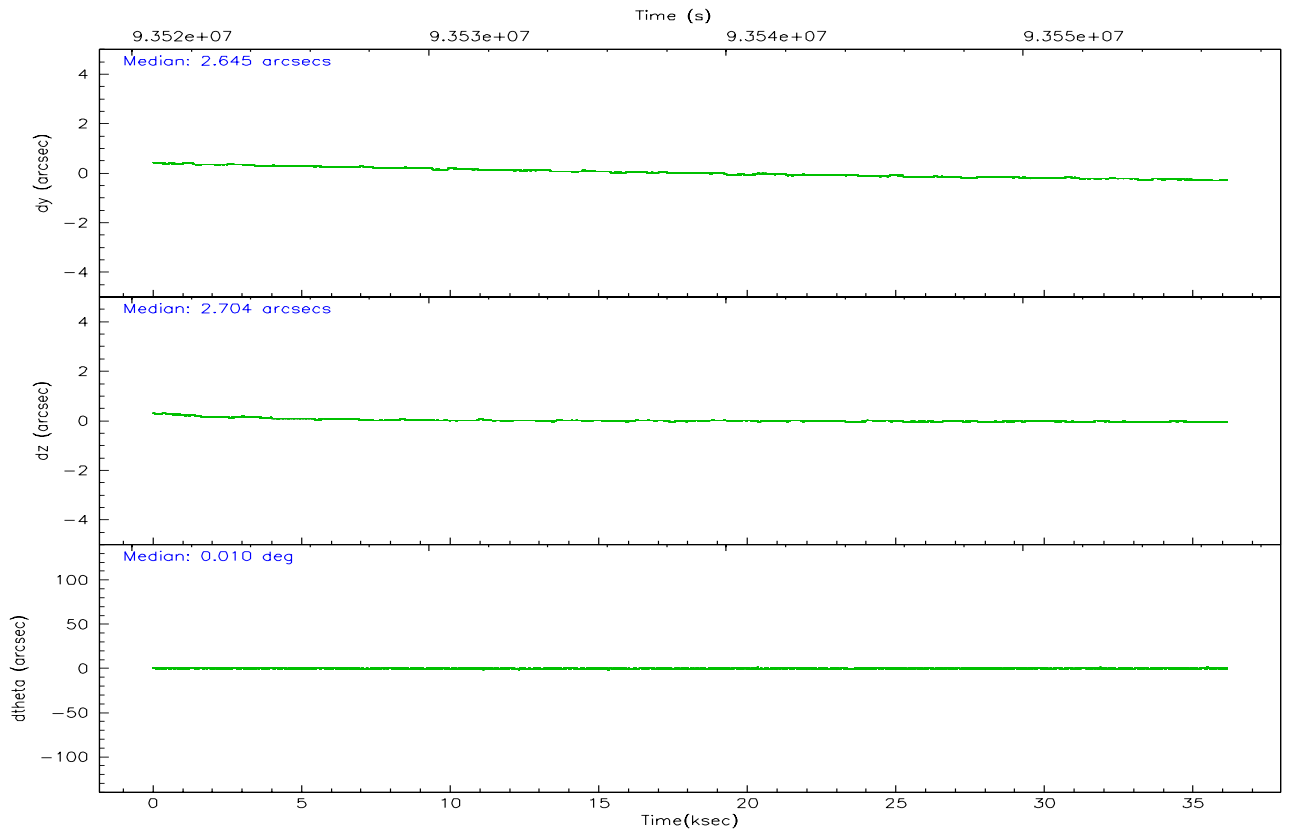
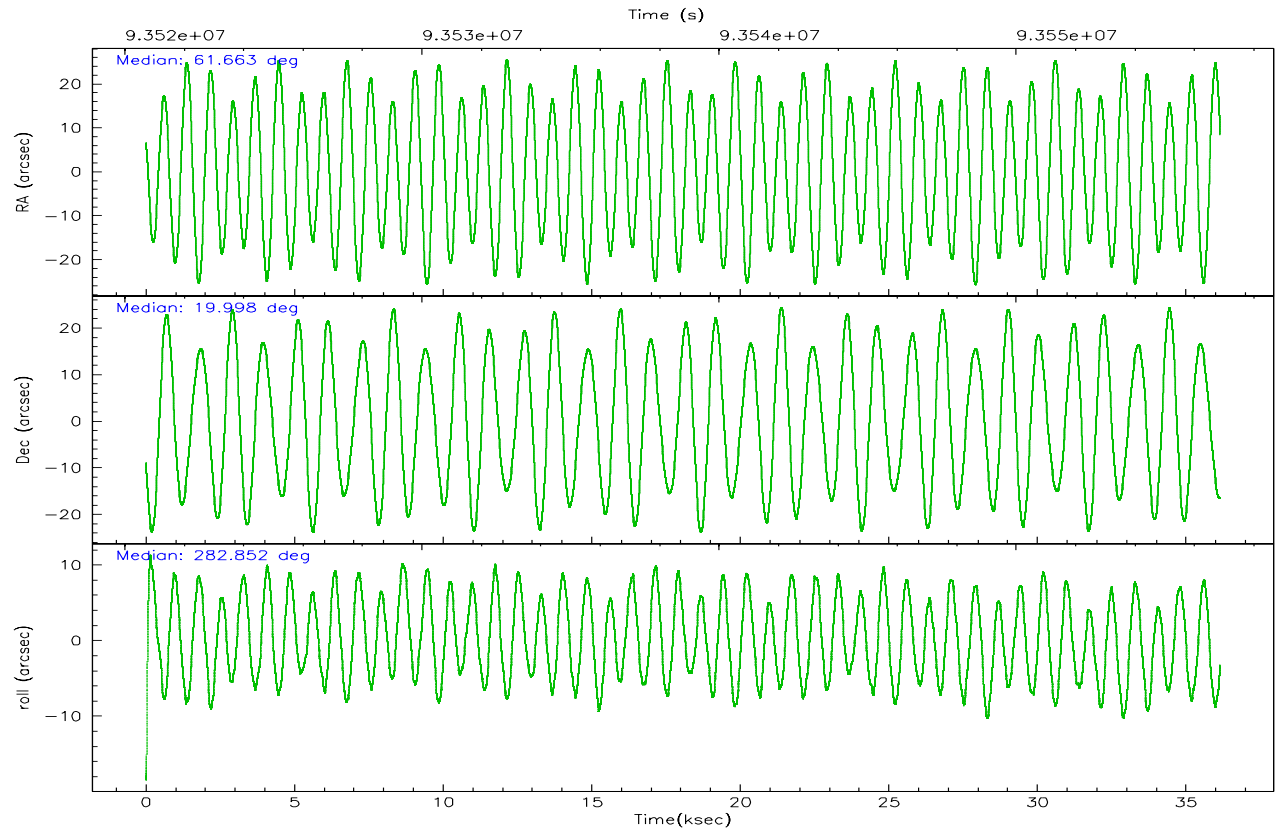
	segment 0
level 1 events	1229999
rejected events	3476
rejected %	0%

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	61.642473	61.66253630410956			
Pointing Dec	20.017733	19.99808519811189			
Pointing Roll	282.961140	282.8587818575771			
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	93520864.184000	93520467.156339			
Observation start date	2000-12-18T10:00:00	2000-12-18T09:54:27			
Observation end time	93556864.184000	93557389.195251			
Observation end date	2000-12-18T20:00:00	2000-12-18T20:09:49			

2.3 Aspect



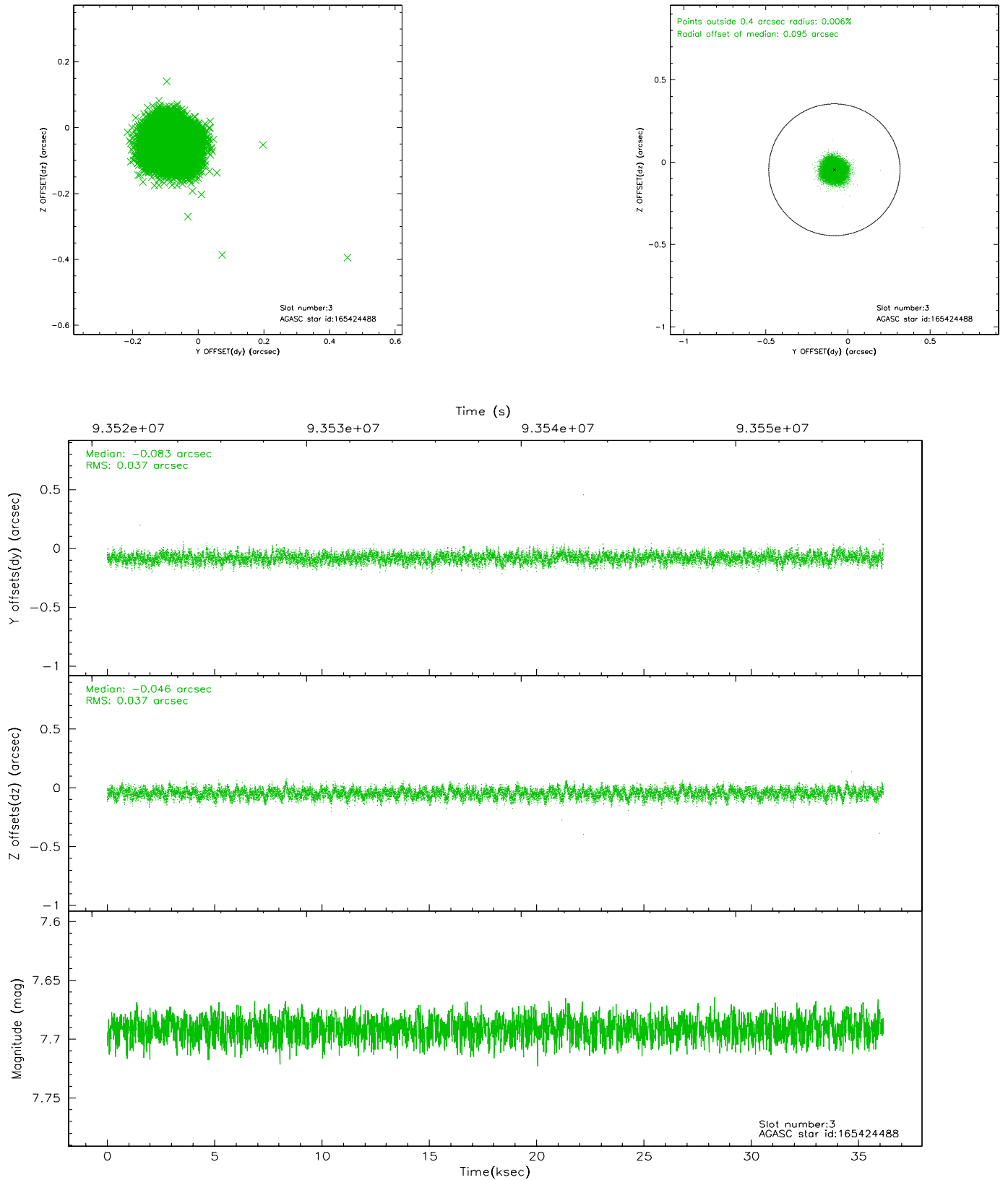


Slot Statistics

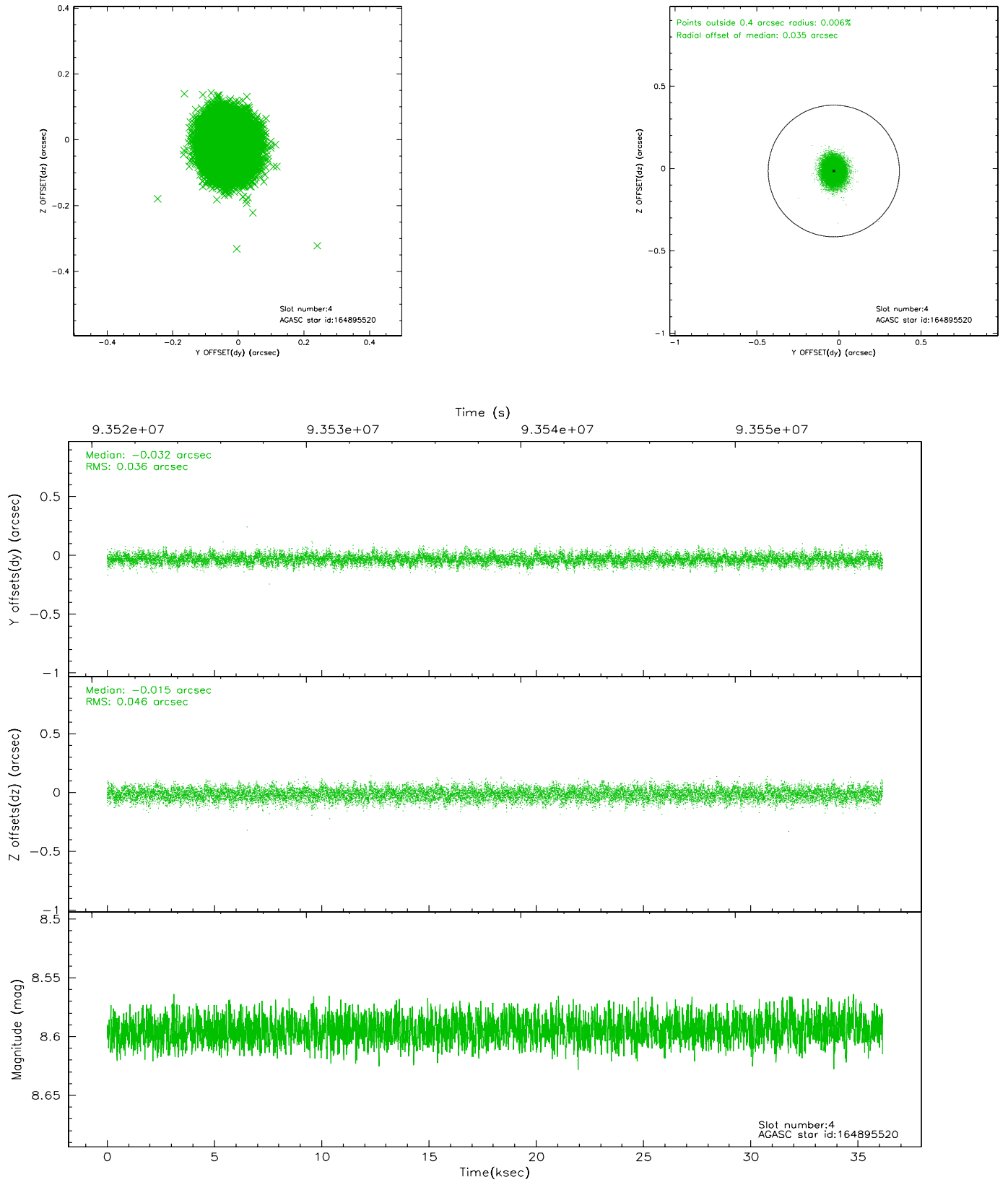
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	8816	0.073	0.013	0.006	0.011	0.000000	0.000000	-758.11	-1290.41
1	FID	HRC-I-3	7.05	8817	0.003	-0.031	0.009	0.014	0.000000	0.000000	-1186.68	1013.98
2	FID	HRC-I-4	6.99	8817	0.038	-0.071	0.007	0.011	0.000000	0.000000	1284.59	1011.72
3	GUIDE	165424488	7.69	17633	-0.083	-0.046	0.056	0.088	61.549381	20.668253	-2352.89	219.07
4	GUIDE	164895520	8.59	17631	-0.032	-0.015	0.062	0.100	61.309800	20.139312	-680.00	-997.73
5	GUIDE	164888752	8.86	17627	0.086	0.060	0.072	0.119	61.568386	19.874602	445.78	-360.25
6	GUIDE	164890352	9.02	17623	-0.025	0.020	0.092	0.148	61.028629	19.972872	-312.09	-2059.74
7	GUIDE	165021720	9.58	17626	0.056	-0.017	0.117	0.189	62.234537	20.170723	-91.81	2073.60

2.4 Star Slots

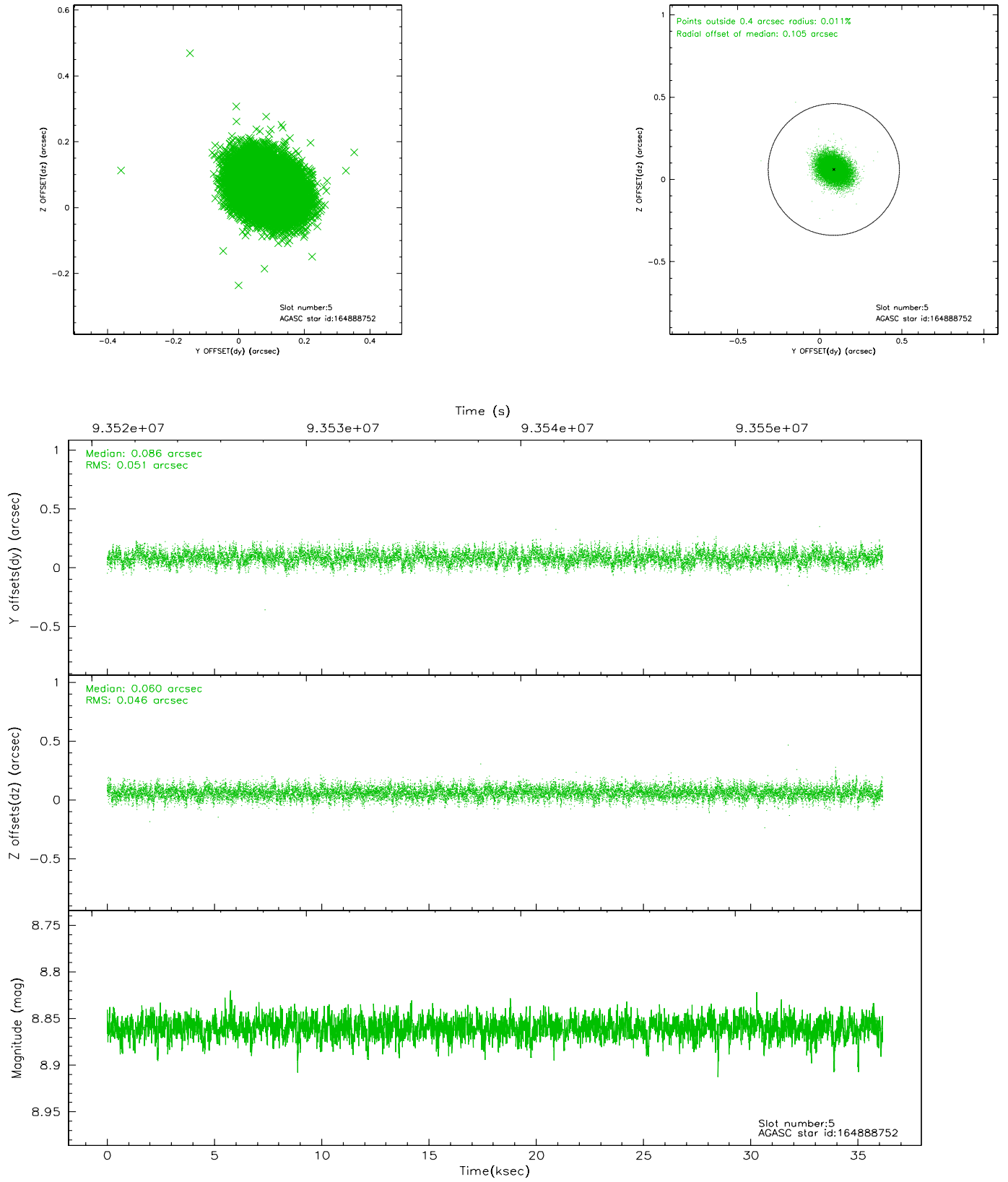
2.4.1 Slot 3



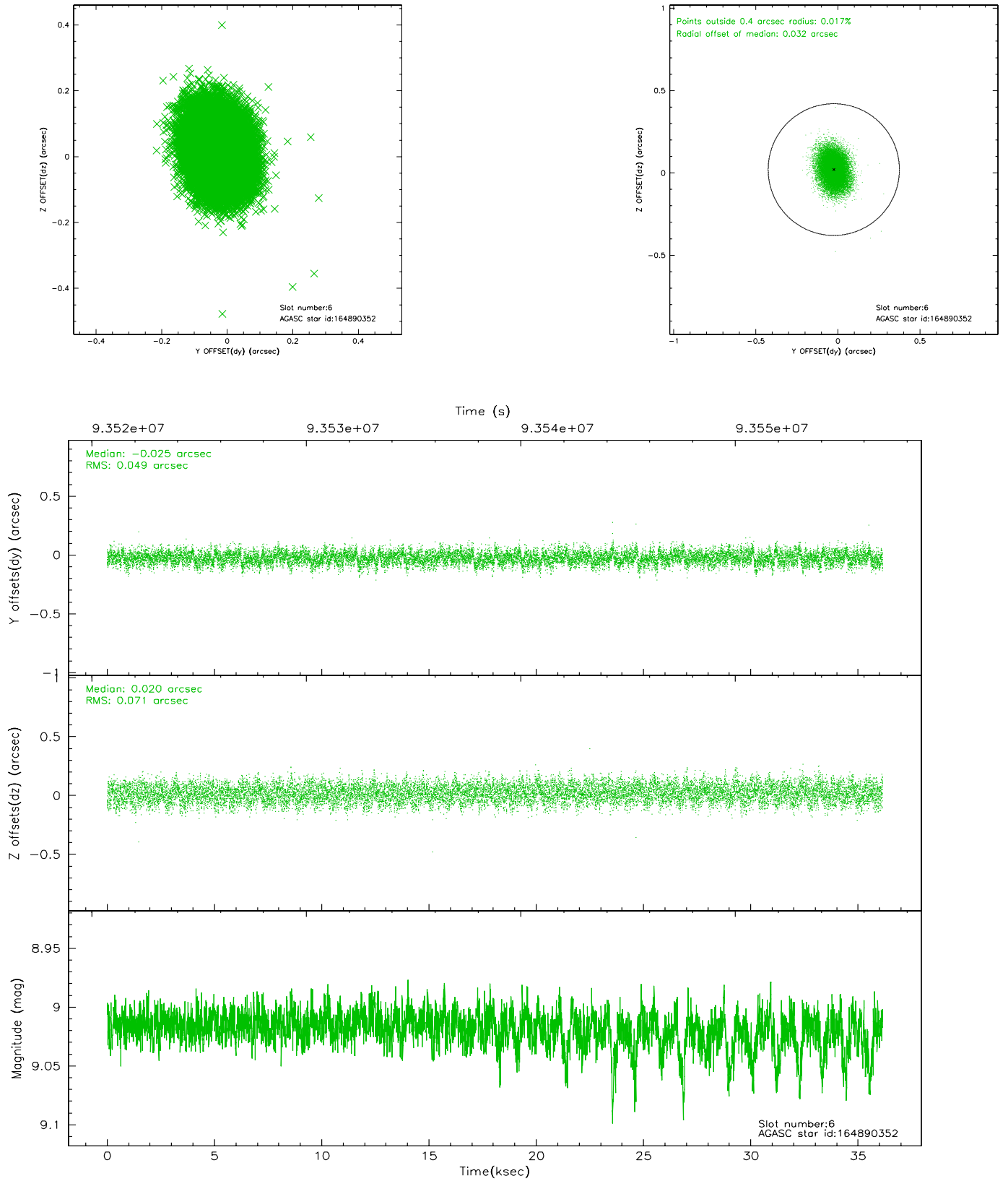
2.4.2 Slot 4



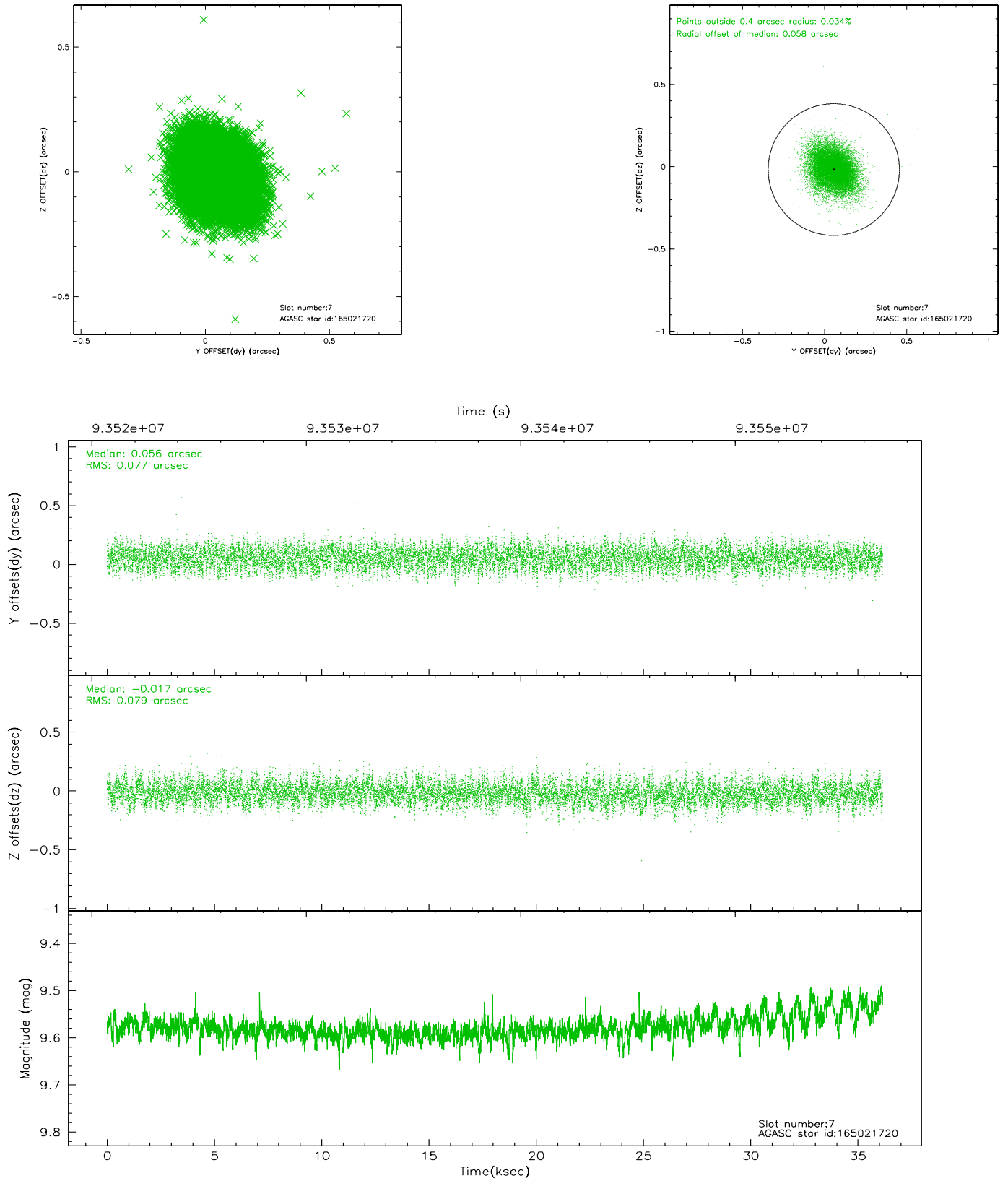
2.4.3 Slot 5



2.4.4 Slot 6

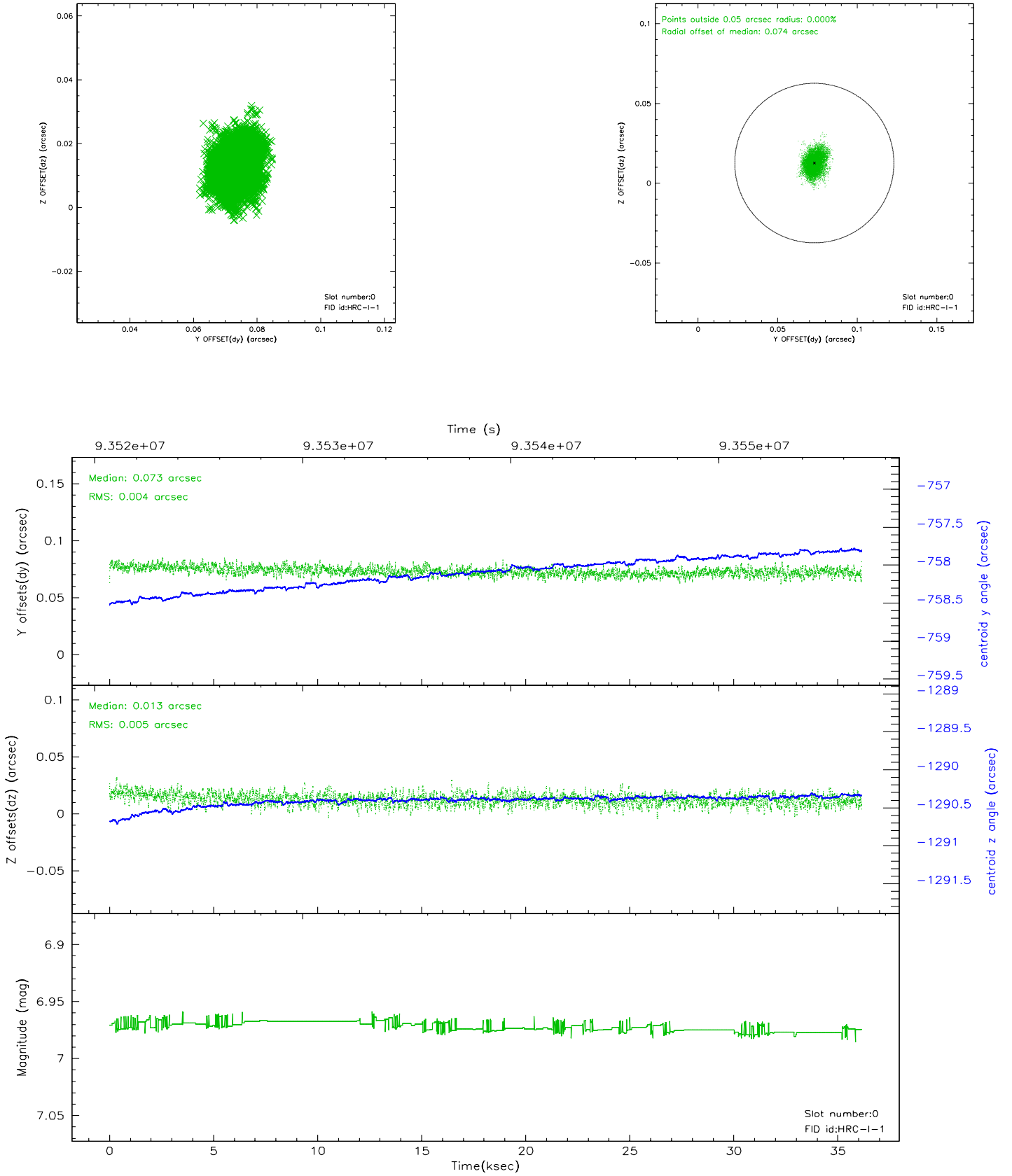


2.4.5 Slot 7

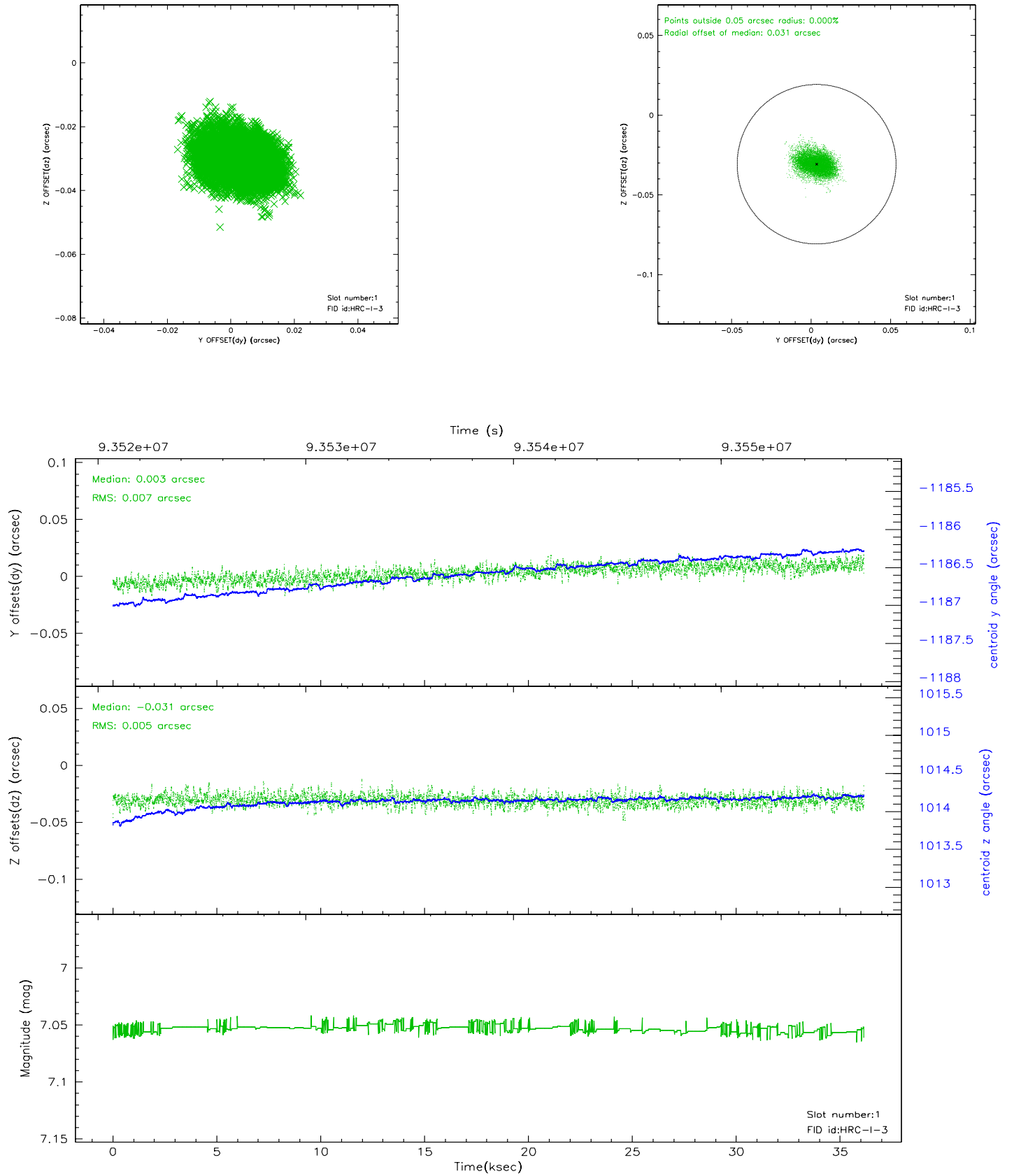


2.5 FID Slots

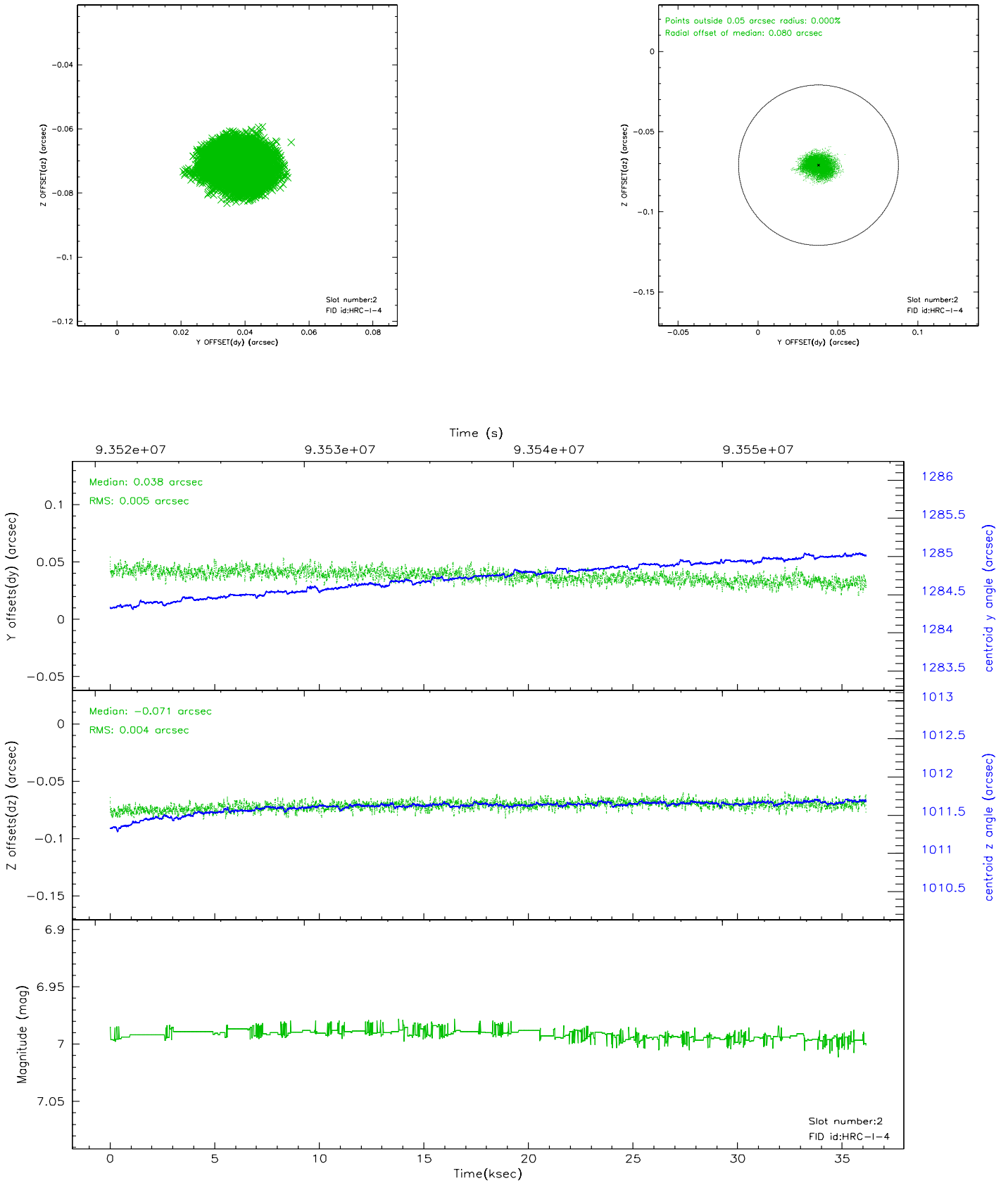
2.5.1 Slot 0



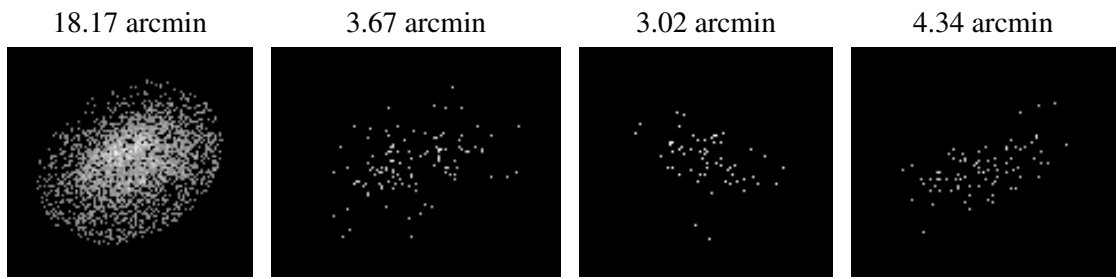
2.5.2 Slot 1



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	35.969

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.