

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 1912 - L2 Version 5
Chandra X-Ray Center

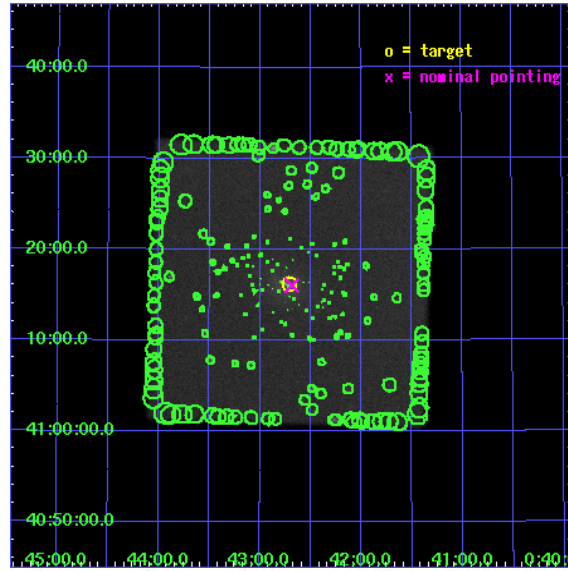
L2 Processing Date : Nov 20 2007

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1 Front

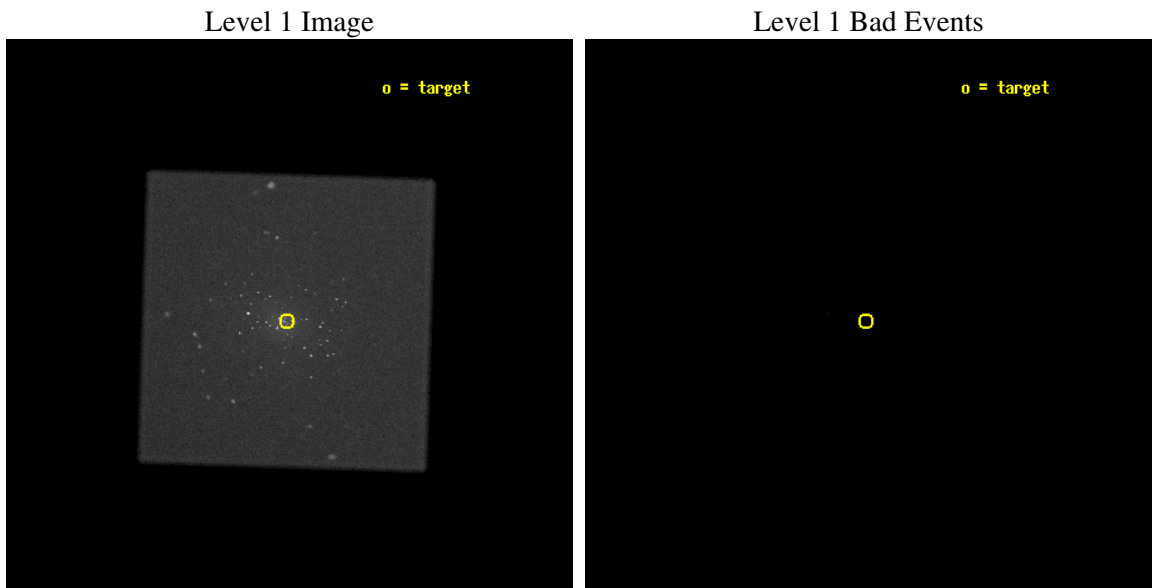
seq_num	400125
obs_id	1912
title	SEARCHING FOR X-RAY PULSARS IN M31
observer	Prof. Philip Kaaret
object	M31
ra_targ	10.67625
dec_targ	41.269
ra_nom	10.671021
dec_nom	41.267325
roll_nom	226.834444
revision	5
ontime	46973.701857165
livetime	46732.081263516
l2events	1287057



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	2007-11-20T20:12:03
revision	5

sched_exp_time	47000.000000
ontime	46973.701867178
l1events	1888231

2.1.3 Events

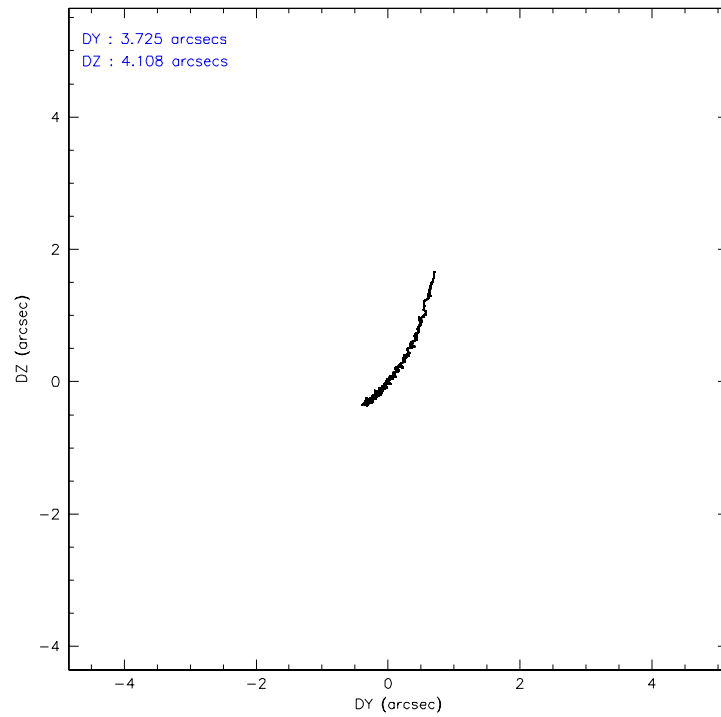
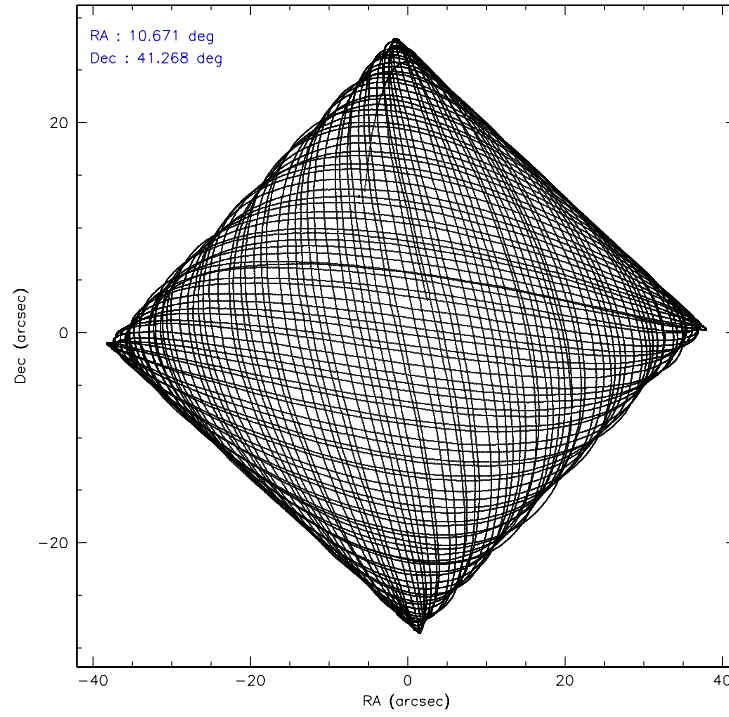
Level 1 Events

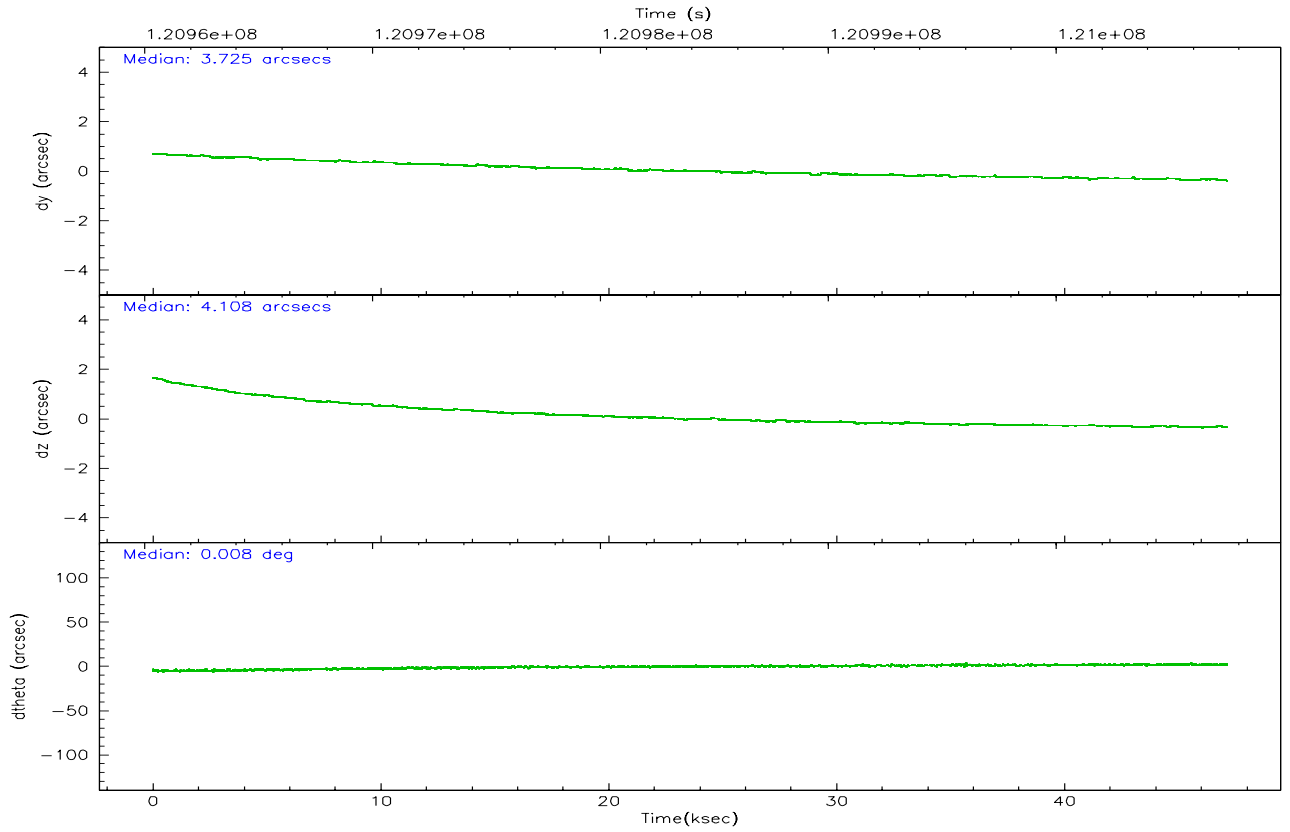
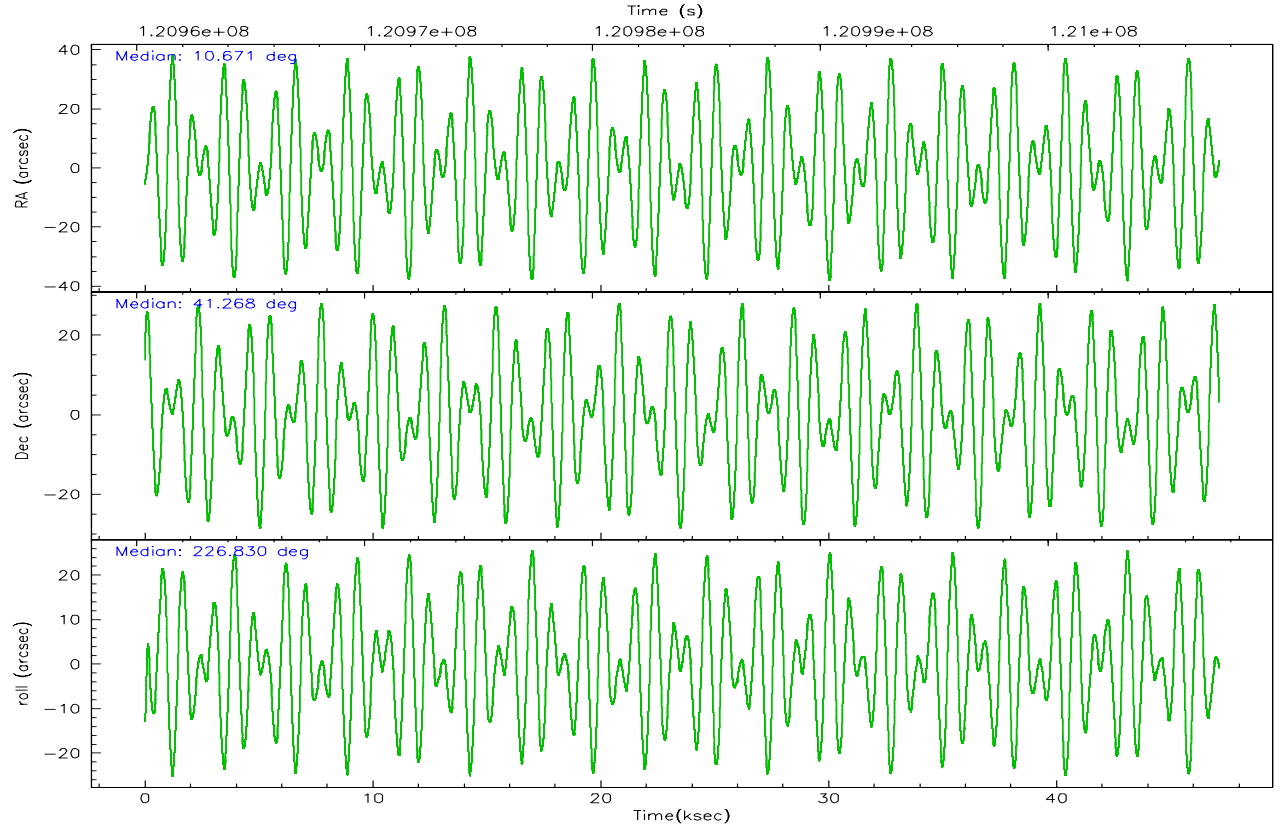
	segment 0
level 1 events	1888231
rejected events	5792
rejected %	0%

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	10.678598	10.67111797436107			
Pointing Dec	41.293828	41.26732110156833			
Pointing Roll	226.924936	226.8343802703811			
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	120960487.184000	120959360.501			
Observation start date	2001-11-01T00:07:03	2001-10-31T23:49:20			
Observation end time	121007487.184000	121008304.76545			
Observation end date	2001-11-01T13:10:23	2001-11-01T13:25:04			

2.3 Aspect



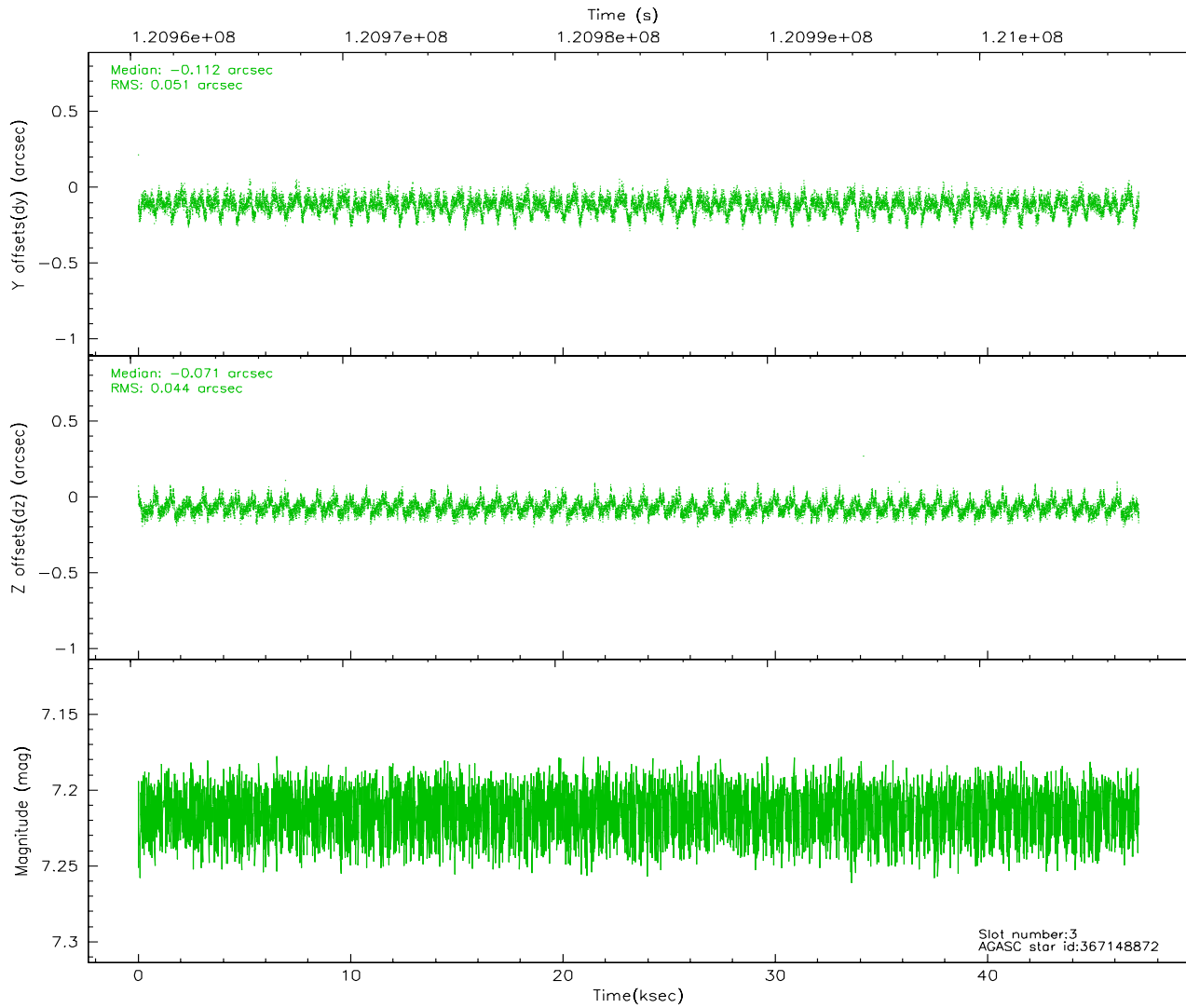
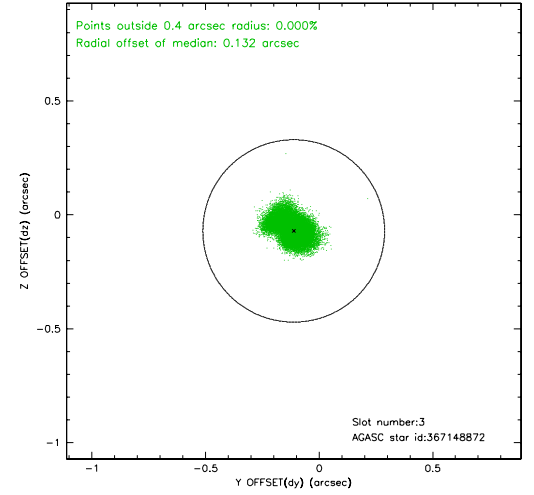
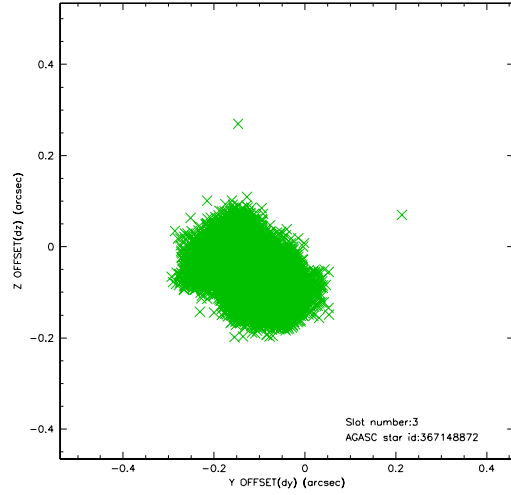


Slot Statistics

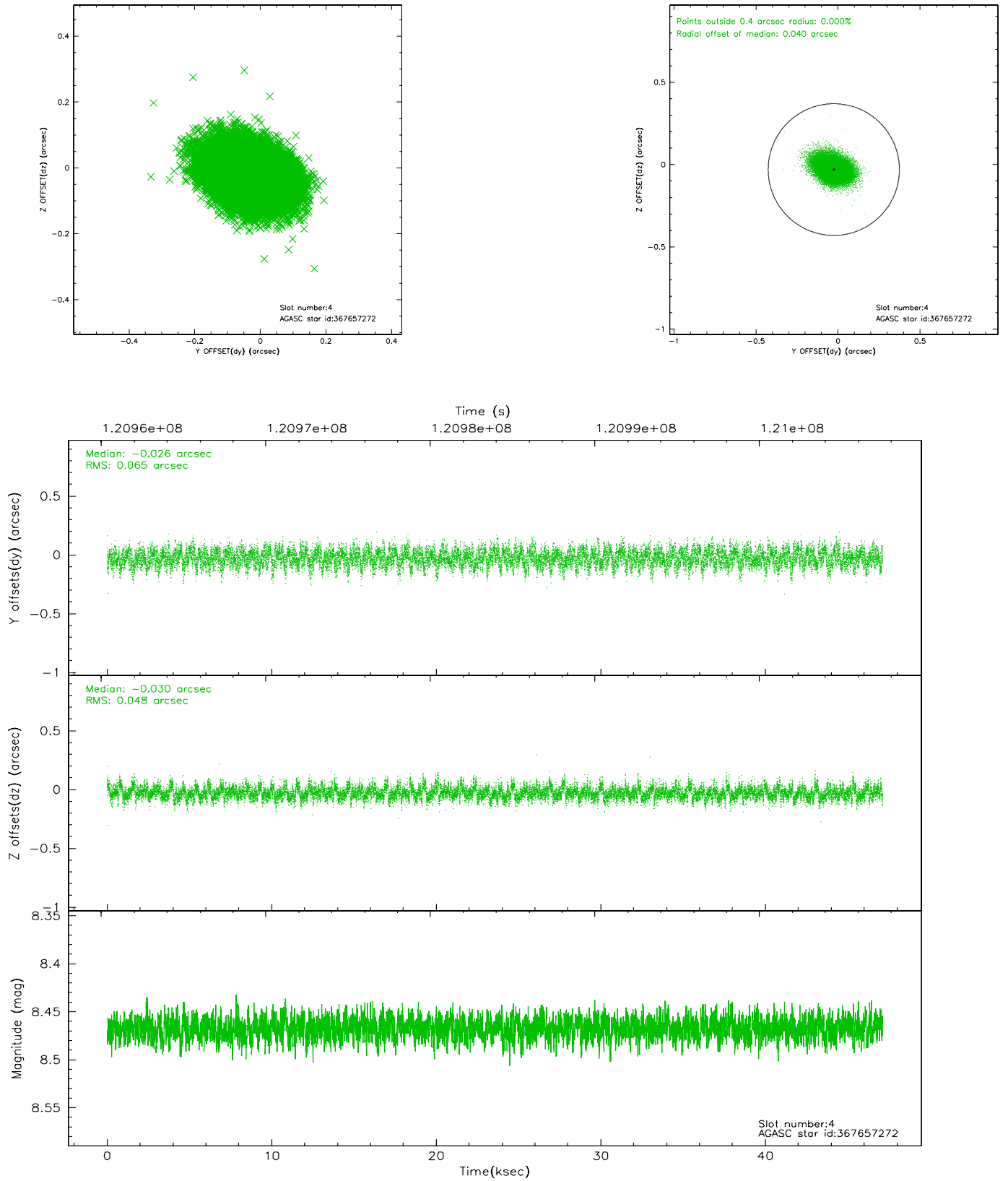
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.99	11493	0.021	0.071	0.010	0.039	0.000000	0.000000	-759.25	-1291.99
1	FID	HRC-I-2	7.02	11494	0.097	-0.098	0.012	0.043	0.000000	0.000000	853.39	-1293.82
2	FID	HRC-I-3	7.07	11494	-0.001	-0.064	0.013	0.030	0.000000	0.000000	-1187.70	1012.33
3	GUIDE	367148872	7.21	22988	-0.112	-0.071	0.072	0.121	10.505940	40.688258	1914.75	1144.75
4	GUIDE	367657272	8.47	22988	-0.026	-0.030	0.085	0.141	11.834471	41.298907	-2162.89	2257.04
5	GUIDE	367671800	9.41	22975	-0.071	0.043	0.104	0.168	10.554735	41.964935	-1537.76	-1892.06
6	GUIDE	367145856	9.30	22970	0.148	0.113	0.093	0.153	10.744946	40.402085	2221.58	2325.86
7	GUIDE	367665472	9.50	22968	0.019	-0.037	0.193	0.418	10.241611	41.730843	-348.44	-1933.73

2.4 Star Slots

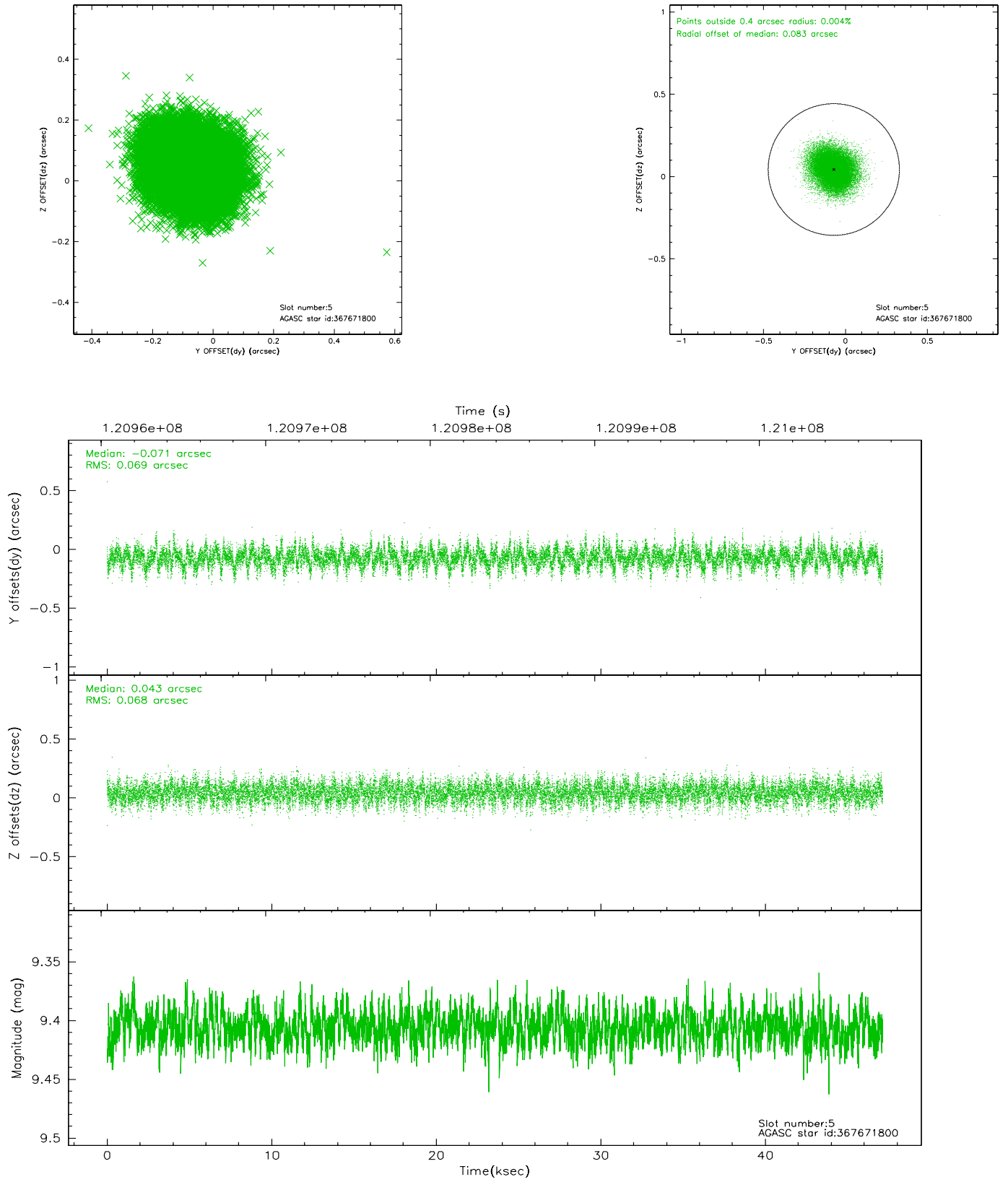
2.4.1 Slot 3



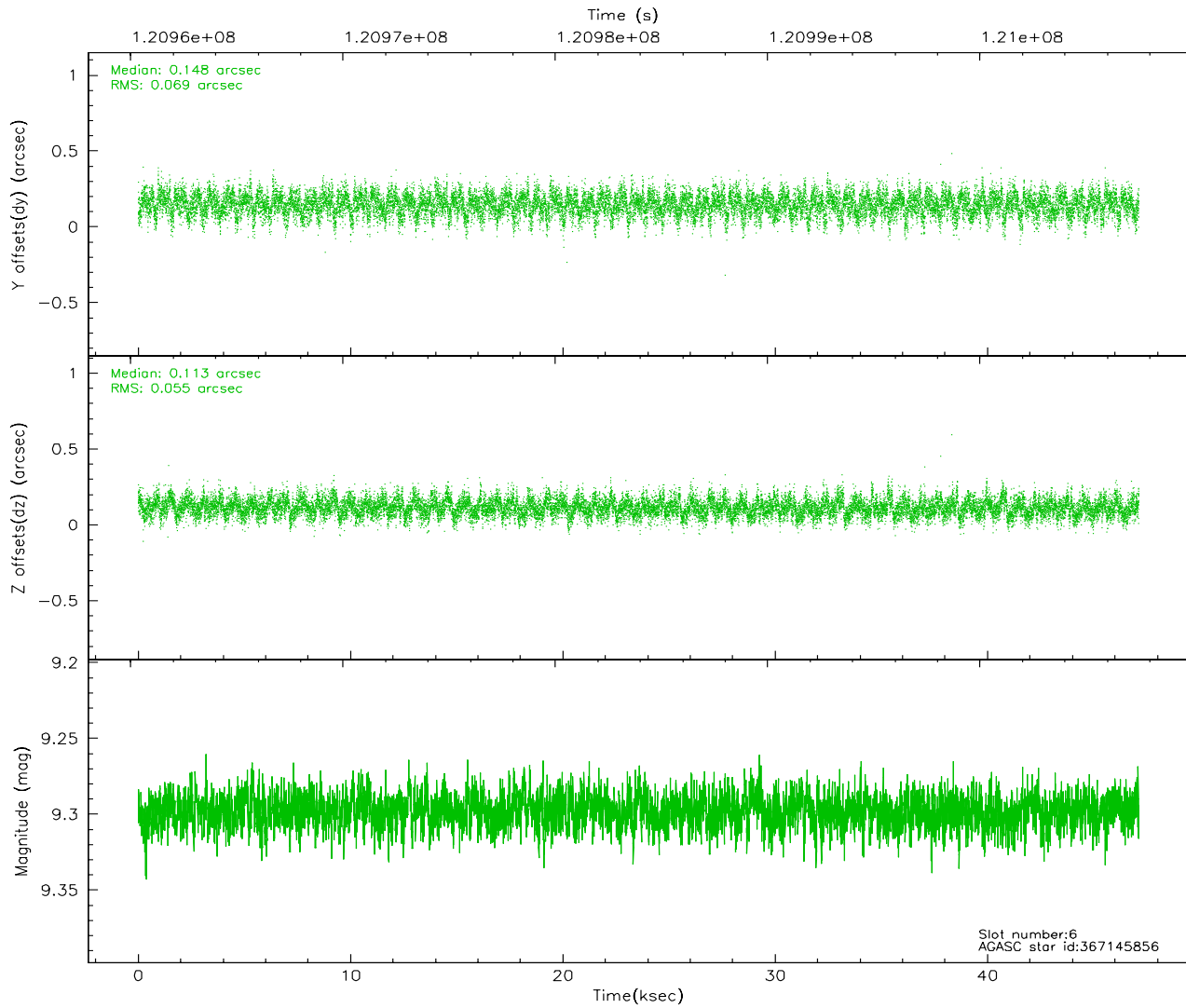
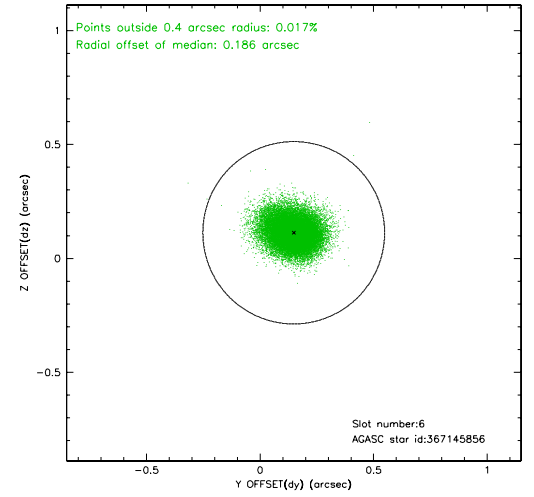
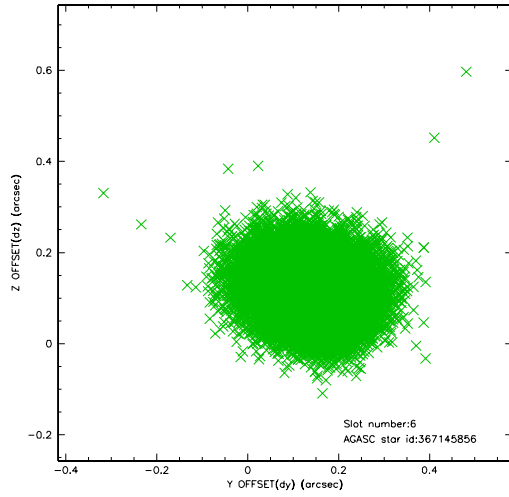
2.4.2 Slot 4



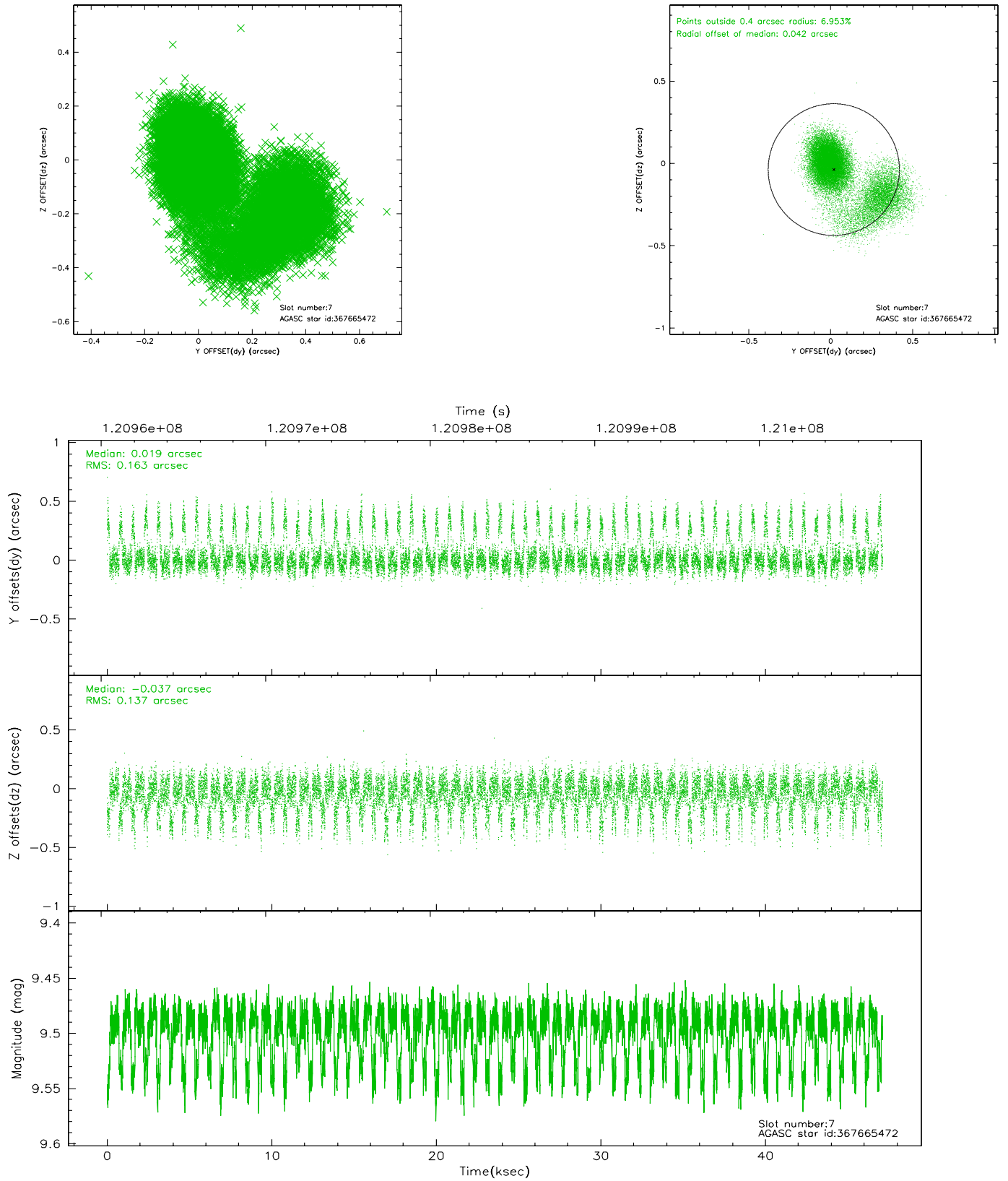
2.4.3 Slot 5



2.4.4 Slot 6

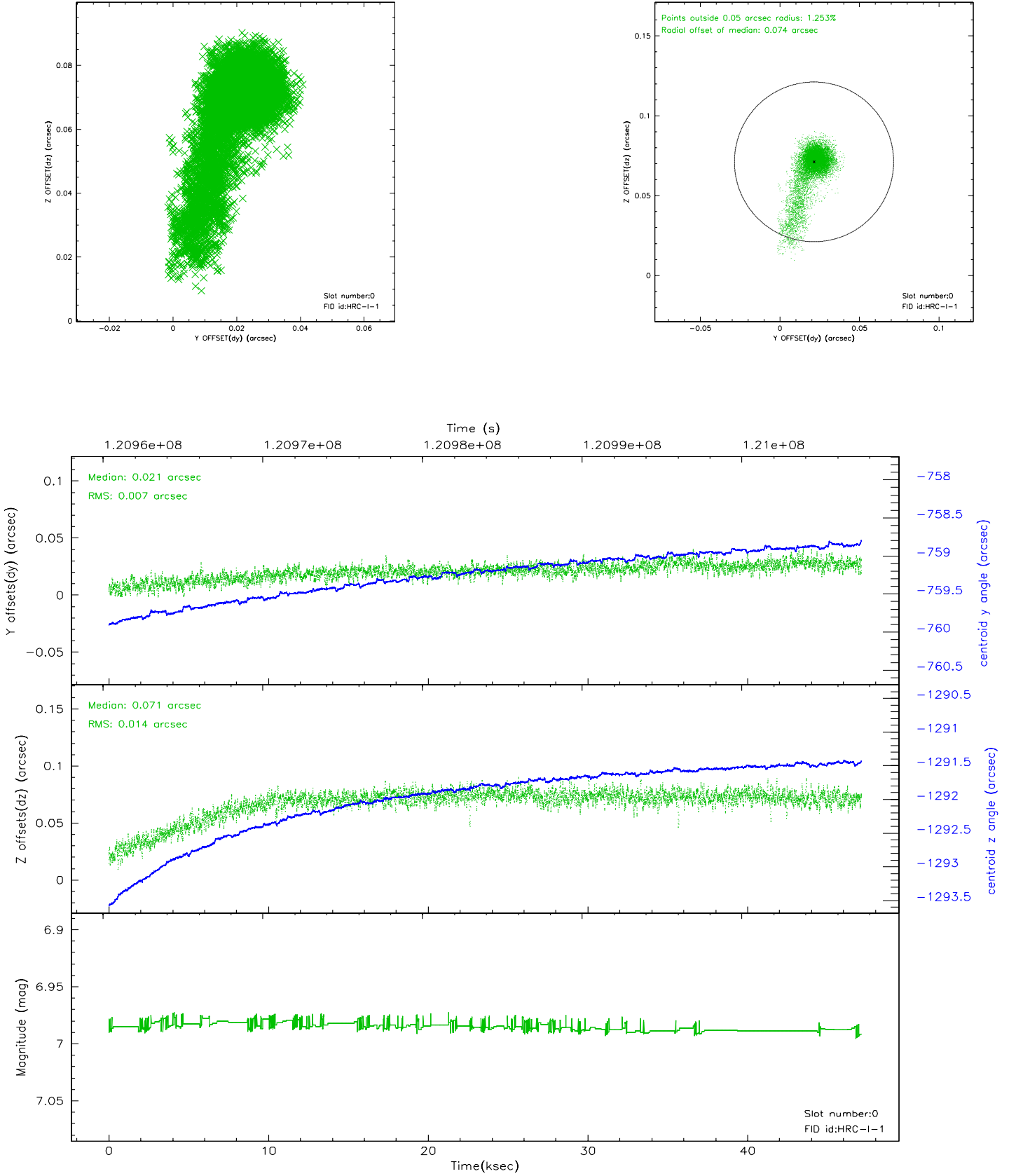


2.4.5 Slot 7

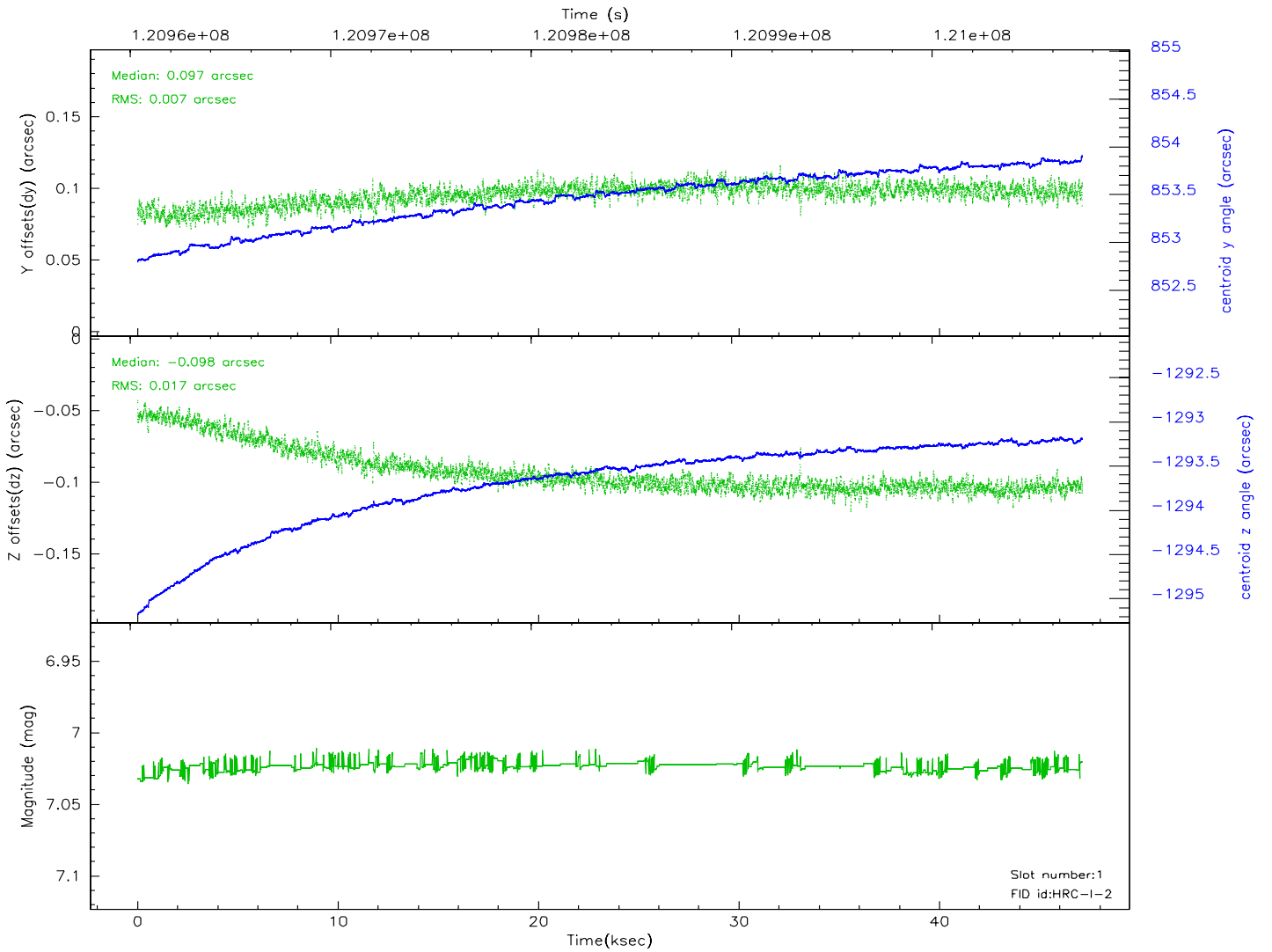
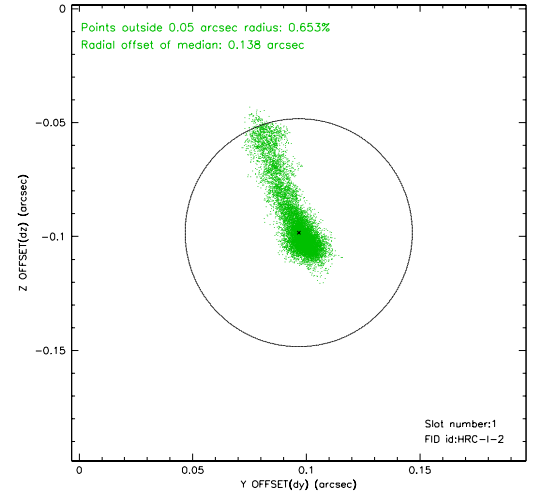
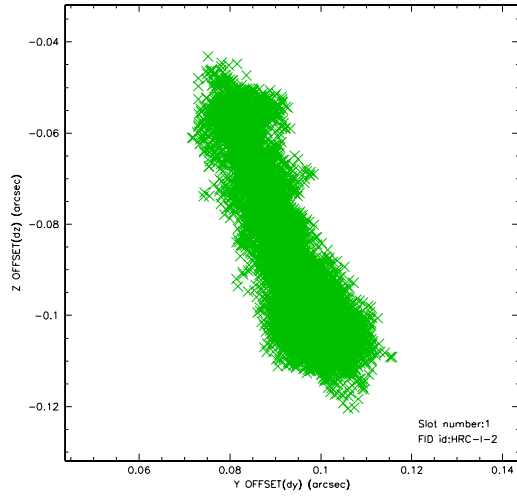


2.5 FID Slots

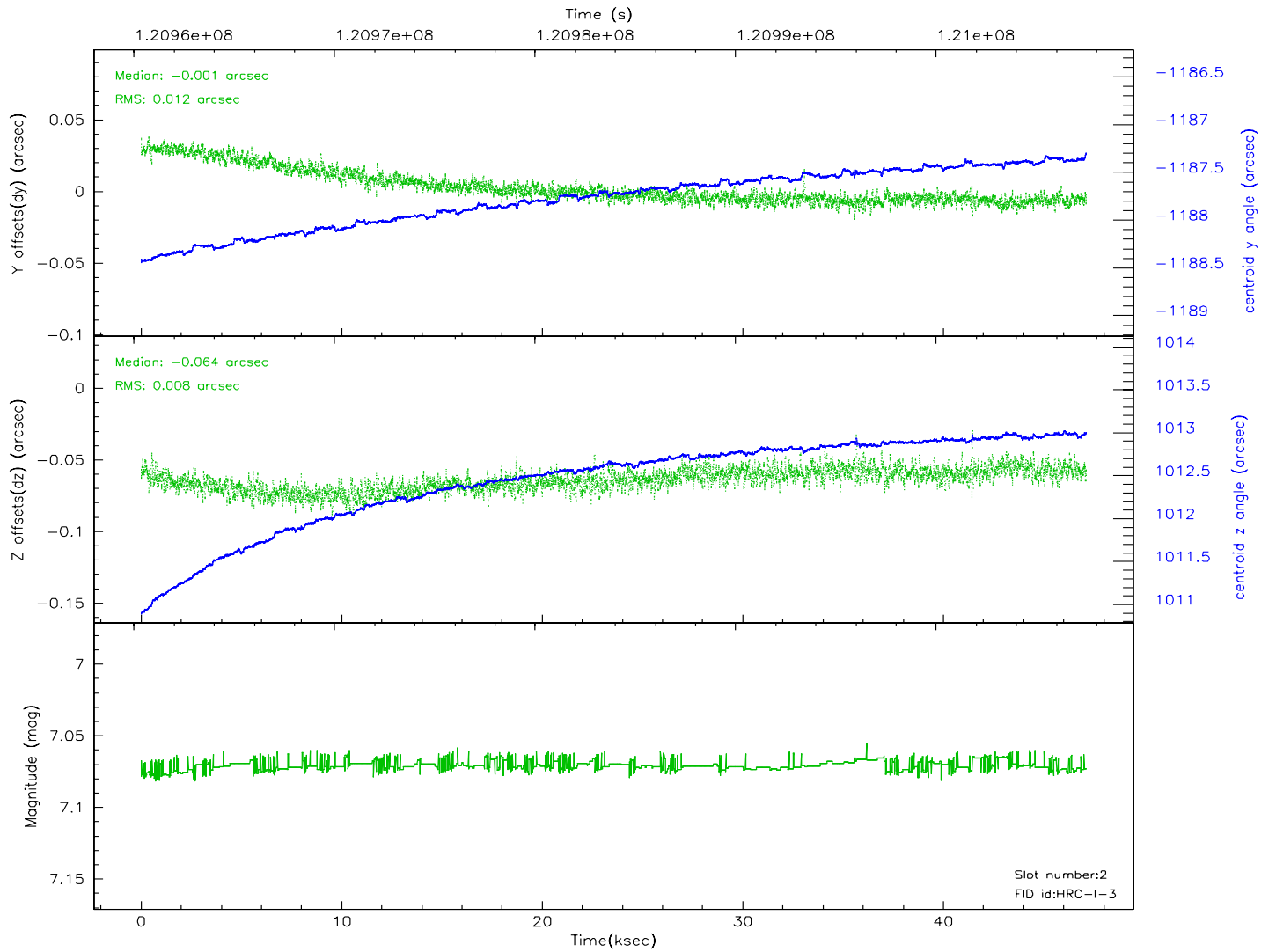
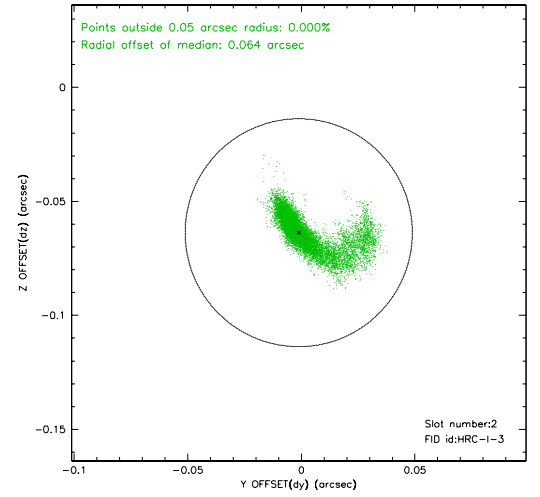
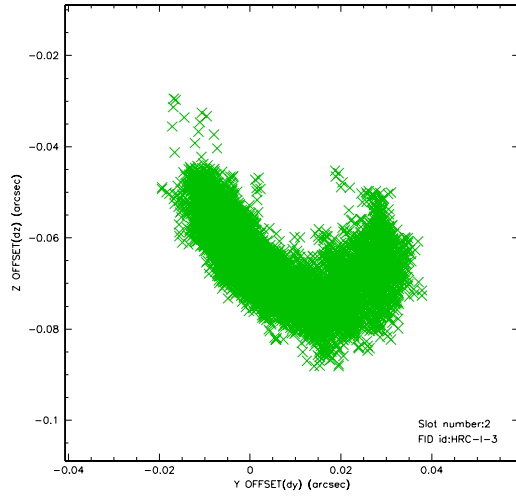
2.5.1 Slot 0



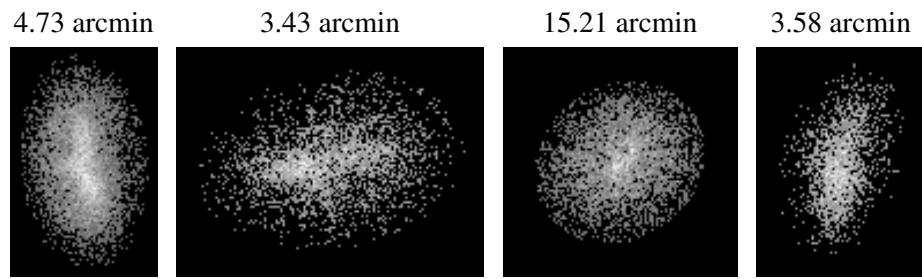
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.12.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	46.9737

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.