

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 2892 - L2 Version 3
Chandra X-Ray Center

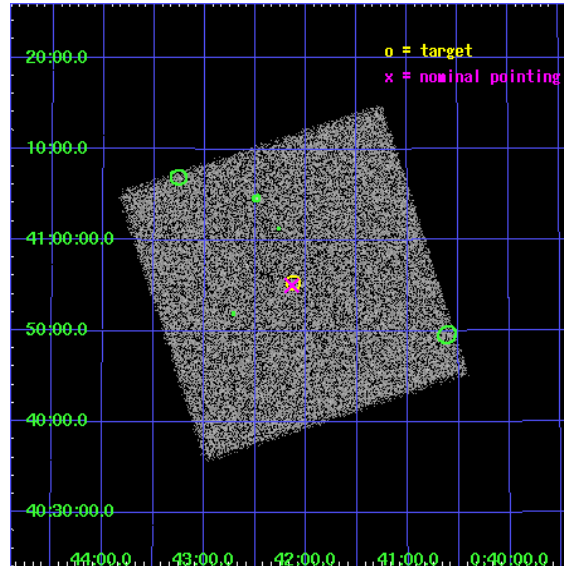
L2 Processing Date : Nov 20 2007

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1 Front

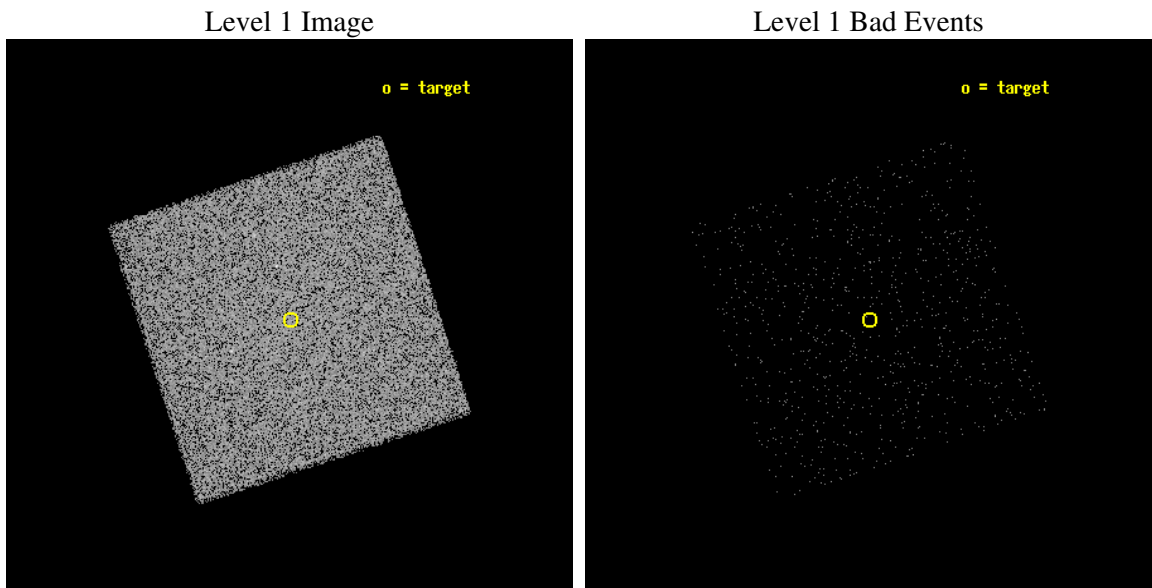
seq_num	600229
obs_id	2892
title	SEARCHING FOR X-RAY TRANSIENTS IN M31 WITH CHANDRA AND HST
observer	Dr. MICHAEL GARCIA
object	M31-S1
ra_targ	10.532917
dec_targ	40.921
ra_nom	10.534754154422
dec_nom	40.917362168318
roll_nom	296.83754928569
revision	3
ontime	1091.8812939227
livetime	1083.7932425348
l2events	56509



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	2007-11-20T21:52:00
revision	3

sched_exp_time	900.000000
ontime	1091.8812939227
l1events	103020

2.1.3 Events

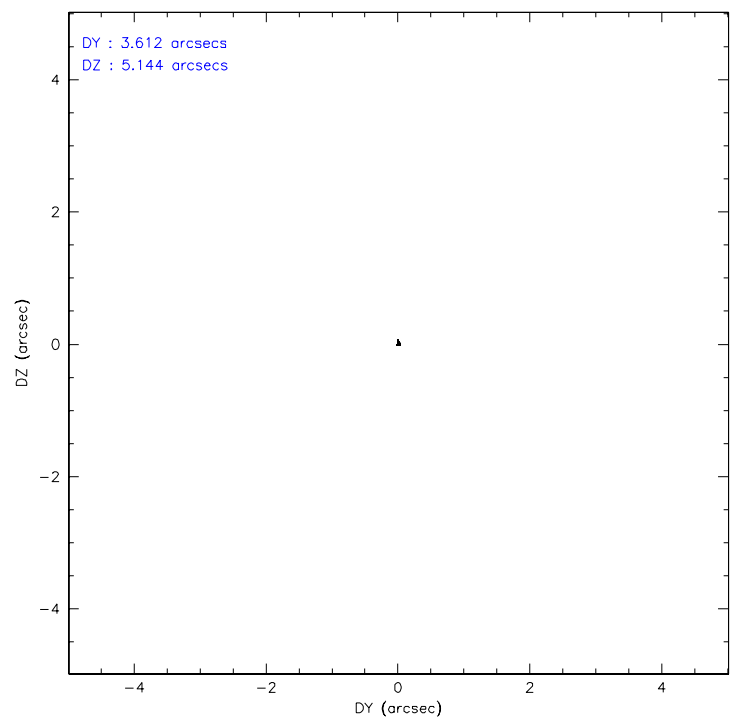
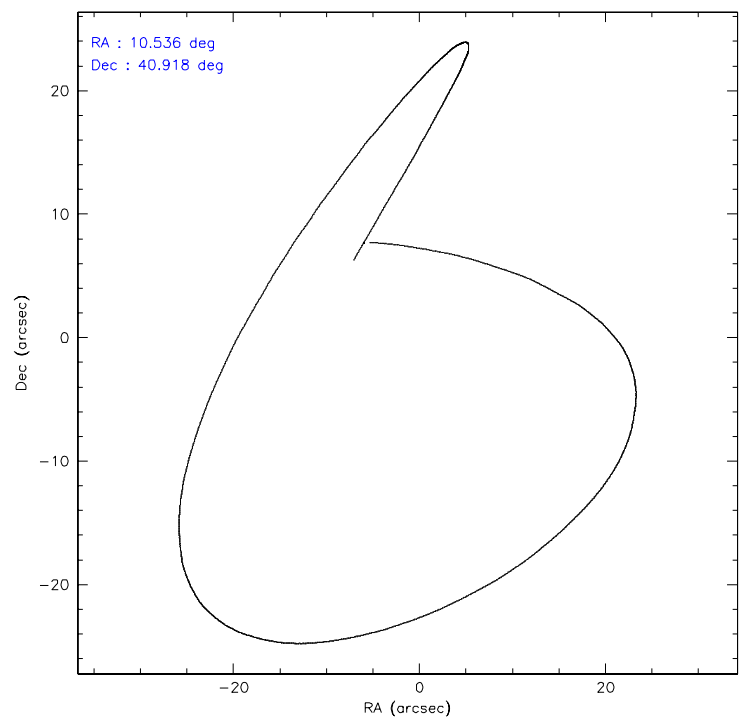
Level 1 Events

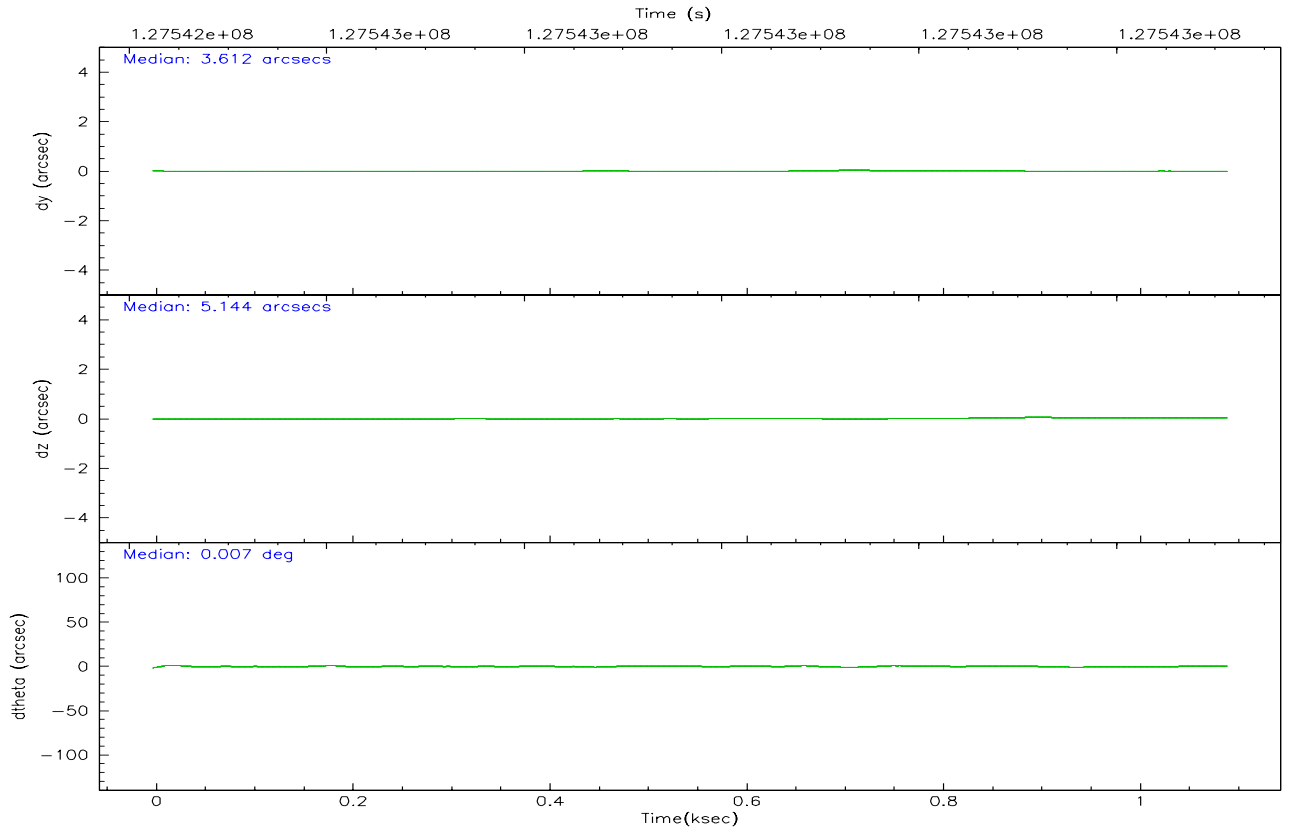
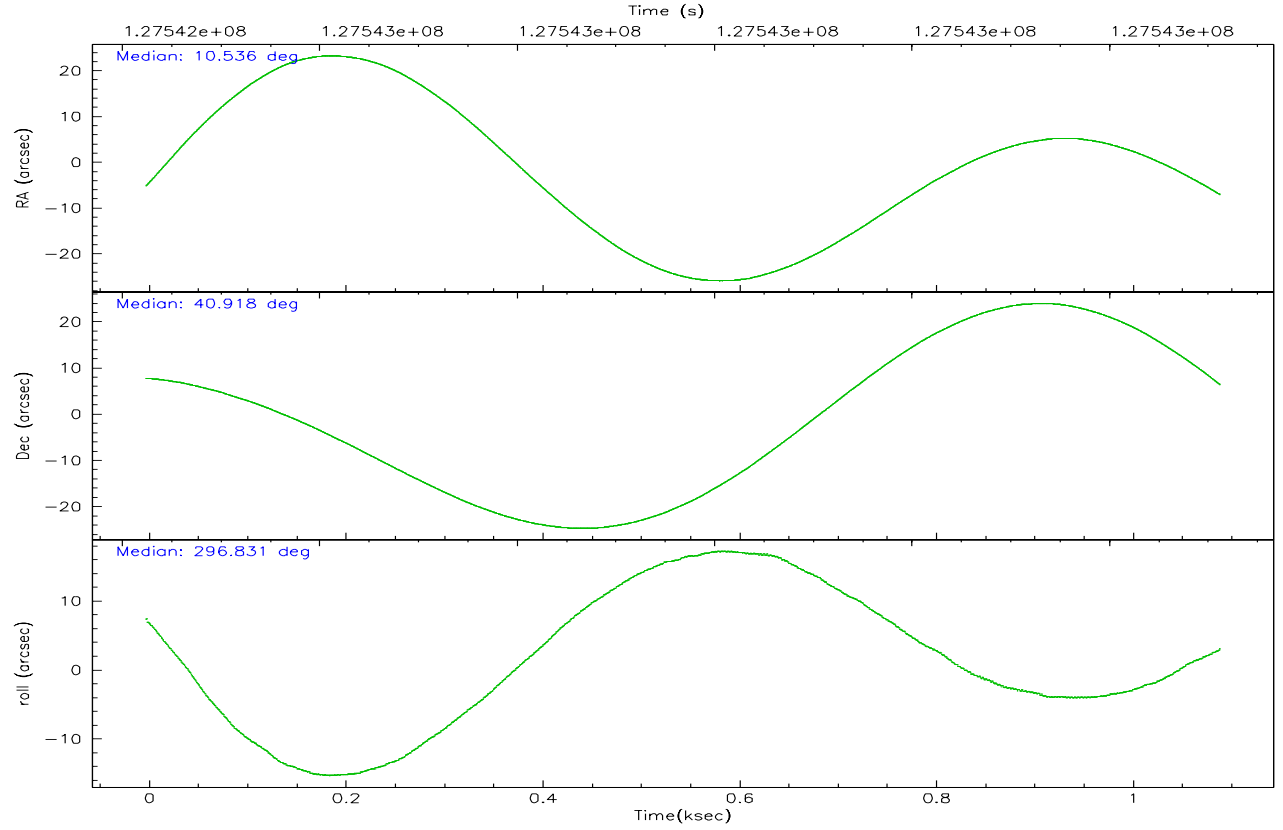
	segment 0
level 1 events	103020
rejected events	23226
rejected %	22%

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	10.502840	10.53475415442187			
Pointing Dec	40.931133	40.91736216831849			
Pointing Roll	296.953923	296.837549285695			
Window start time	127353664.184000	127353664.184000			
Window stop time	127958464.184000	127958464.184000			
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	127542612.184000	127542236.20208			
Observation start date	2002-01-16T04:29:08	2002-01-16T04:23:56			
Observation end time	127543512.184000	127543646.08963			
Observation end date	2002-01-16T04:44:08	2002-01-16T04:47:26			

2.3 Aspect



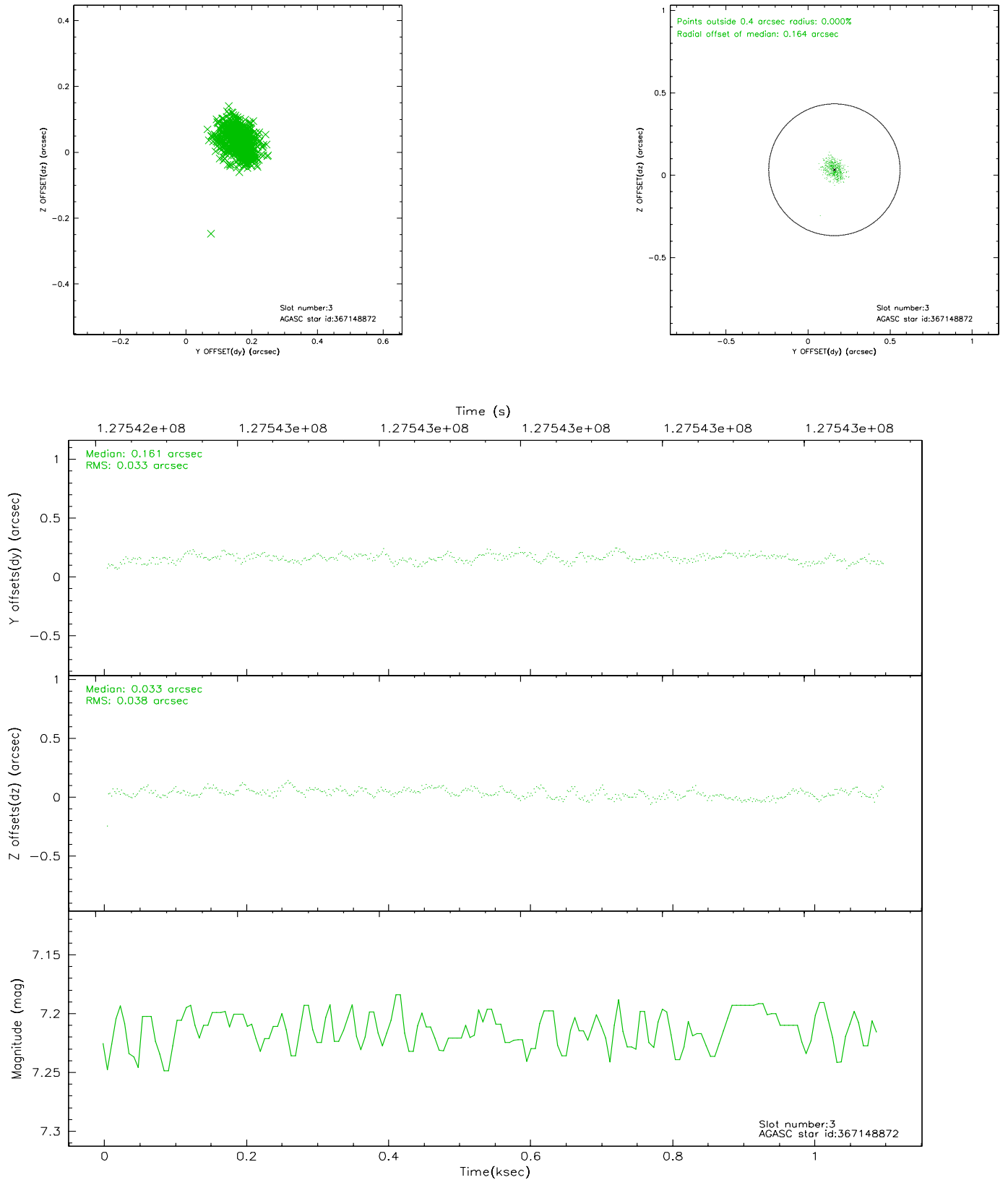


Slot Statistics

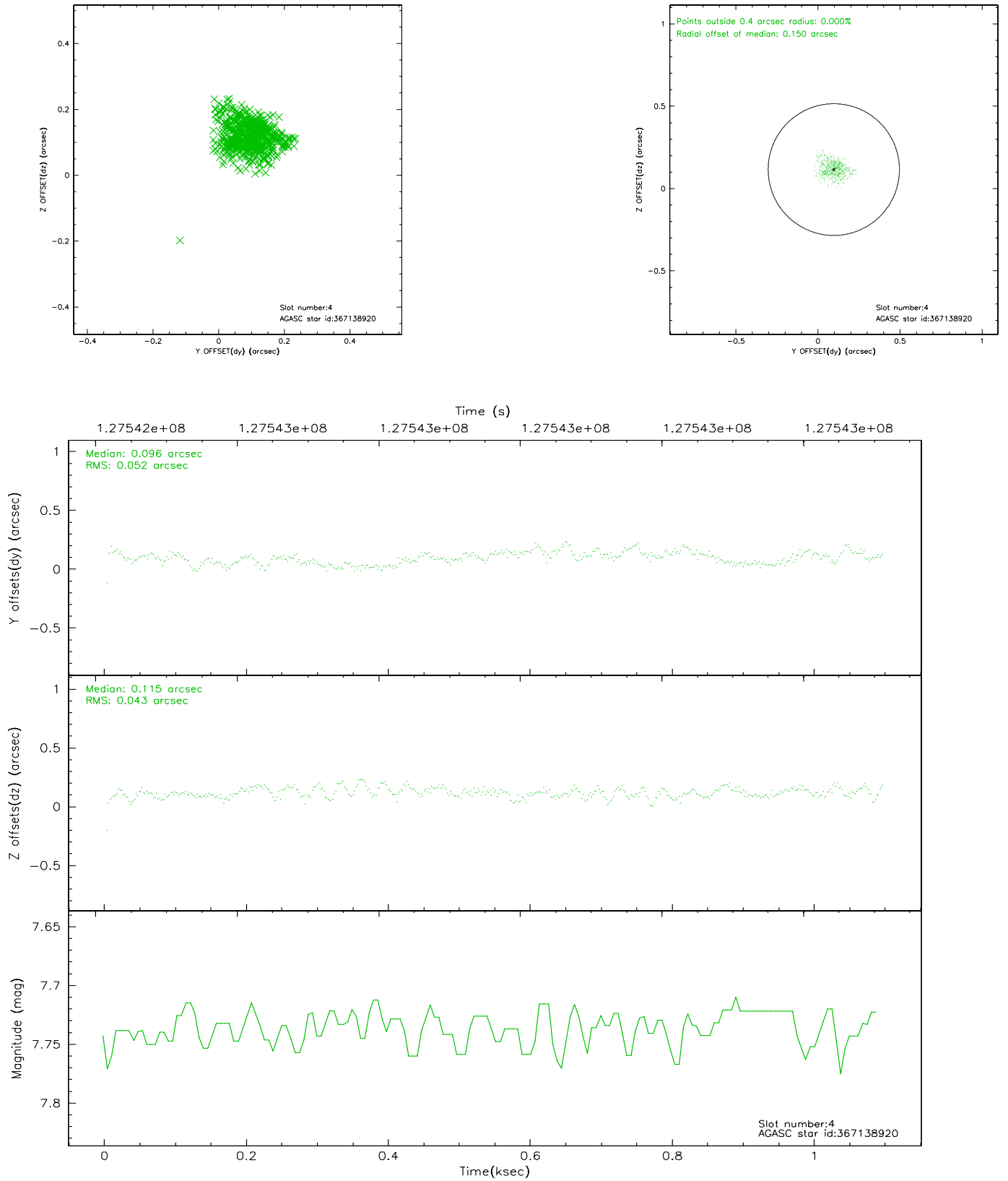
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	267	0.004	0.052	0.007	0.011	0.000000	0.000000	-759.07	-1292.91
1	FID	HRC-I-2	7.01	267	0.080	-0.053	0.005	0.009	0.000000	0.000000	850.79	-1299.39
2	FID	HRC-I-3	7.05	267	0.035	-0.087	0.005	0.009	0.000000	0.000000	-1184.39	1006.64
3	GUIDE	367148872	7.21	534	0.161	0.033	0.054	0.084	10.505940	40.688258	782.74	-394.07
4	GUIDE	367138920	7.74	534	0.096	0.115	0.072	0.117	11.513485	40.808909	1627.04	2256.78
5	GUIDE	367144424	8.66	534	0.069	0.000	0.075	0.122	10.464515	40.309136	1950.72	-1109.66
6	GUIDE	365431072	9.00	534	-0.254	-0.108	0.097	0.183	9.376278	41.092224	-1917.09	-2460.44
7	GUIDE	367674552	8.87	533	-0.078	-0.040	0.098	0.147	11.016238	41.570845	-1434.41	2268.17

2.4 Star Slots

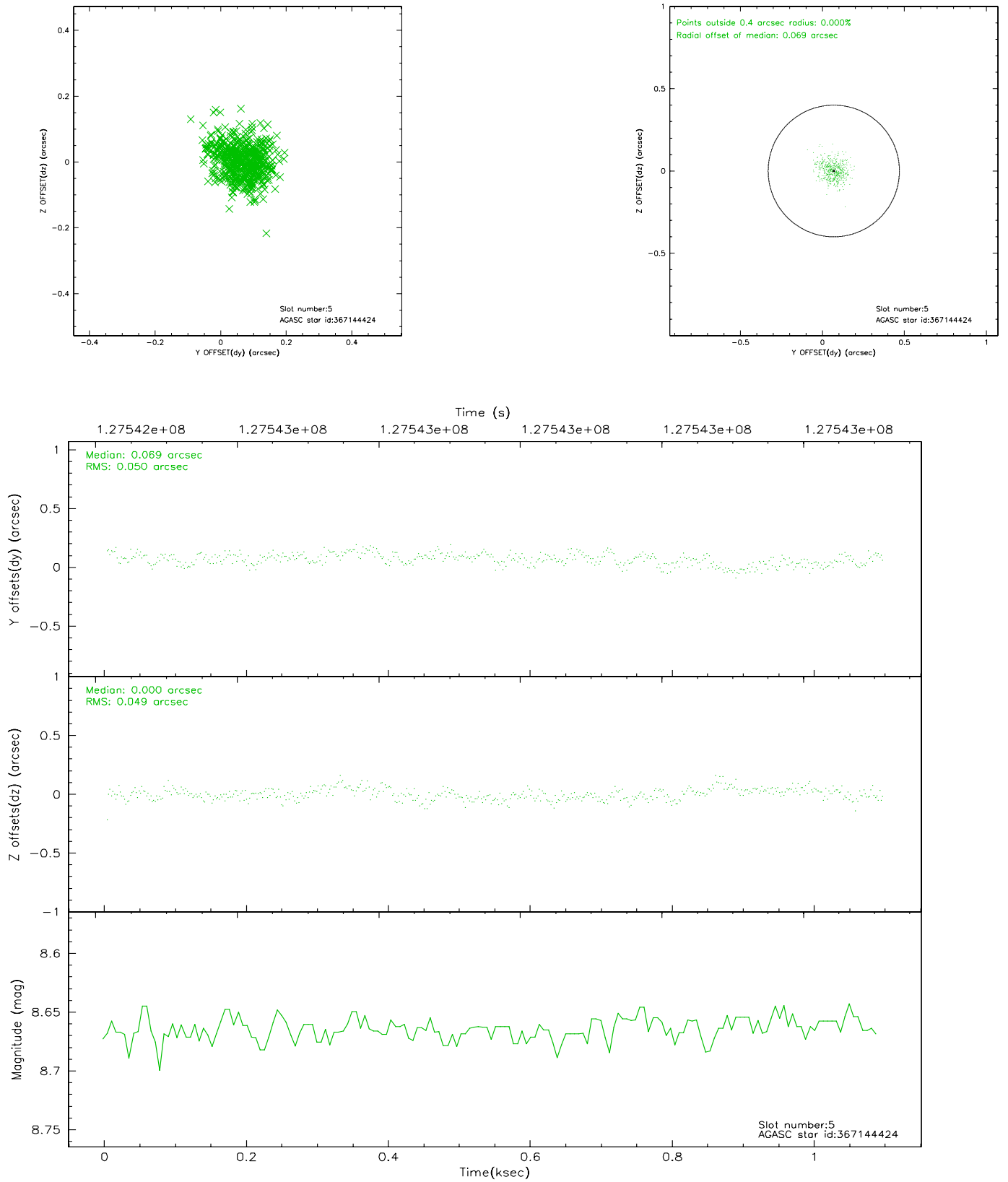
2.4.1 Slot 3



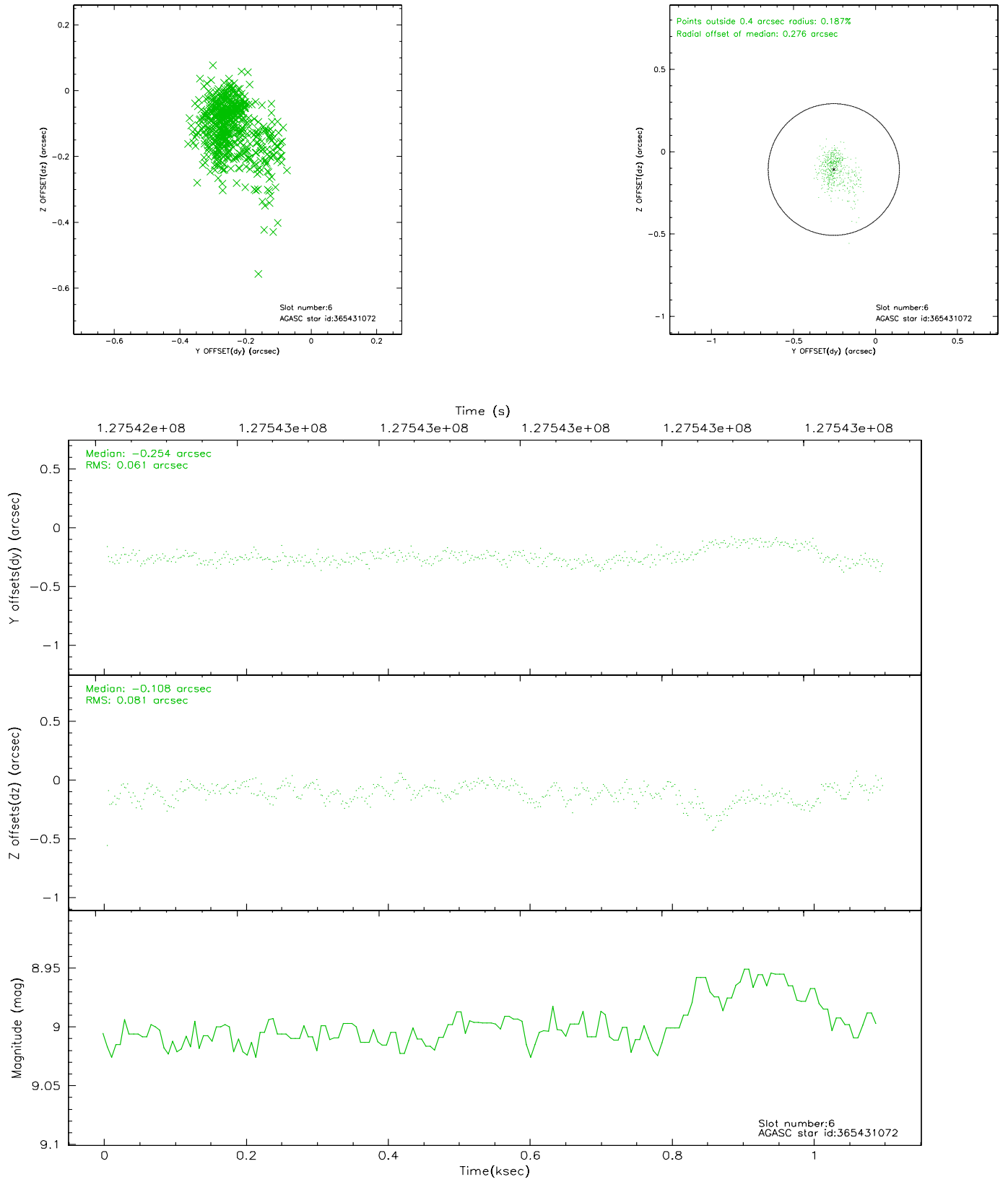
2.4.2 Slot 4



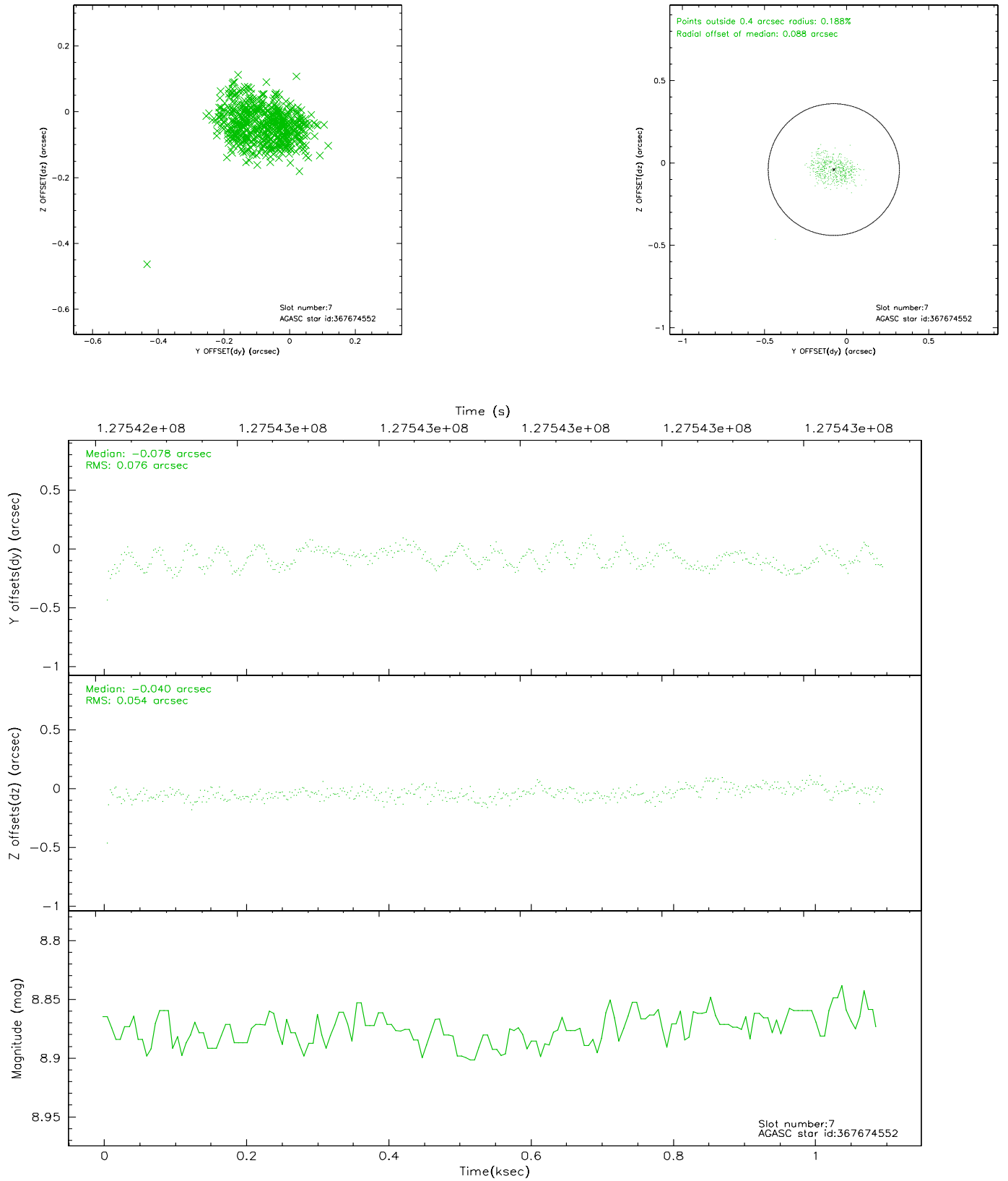
2.4.3 Slot 5



2.4.4 Slot 6

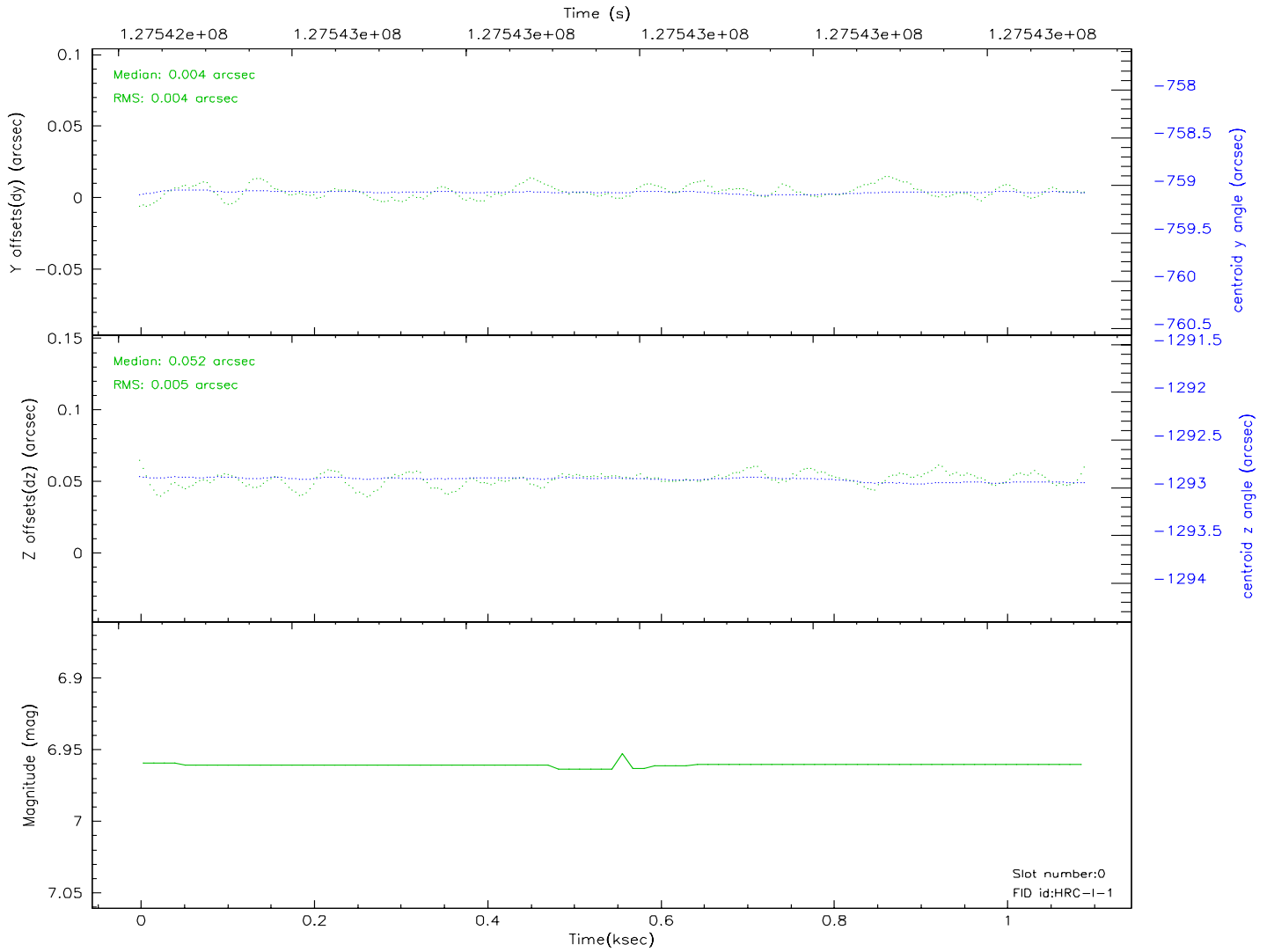
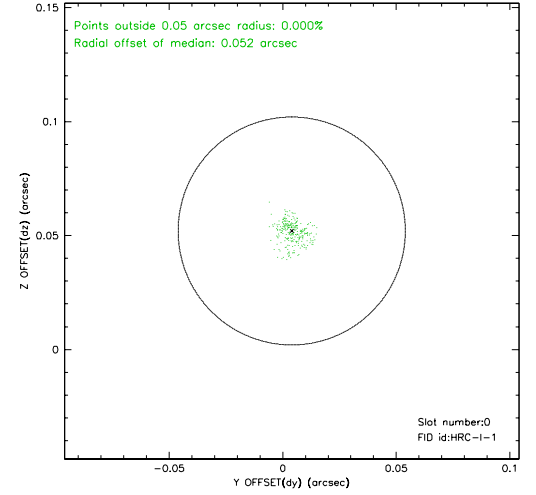
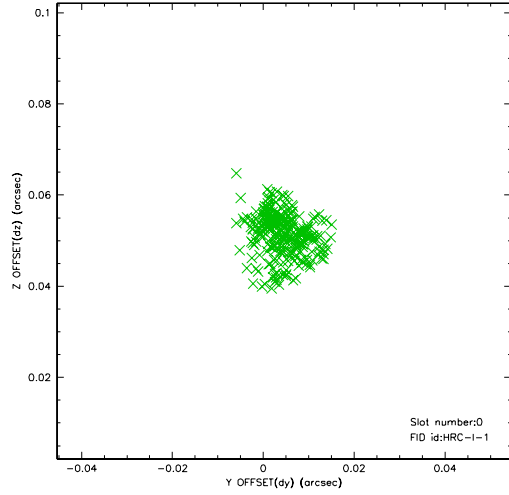


2.4.5 Slot 7

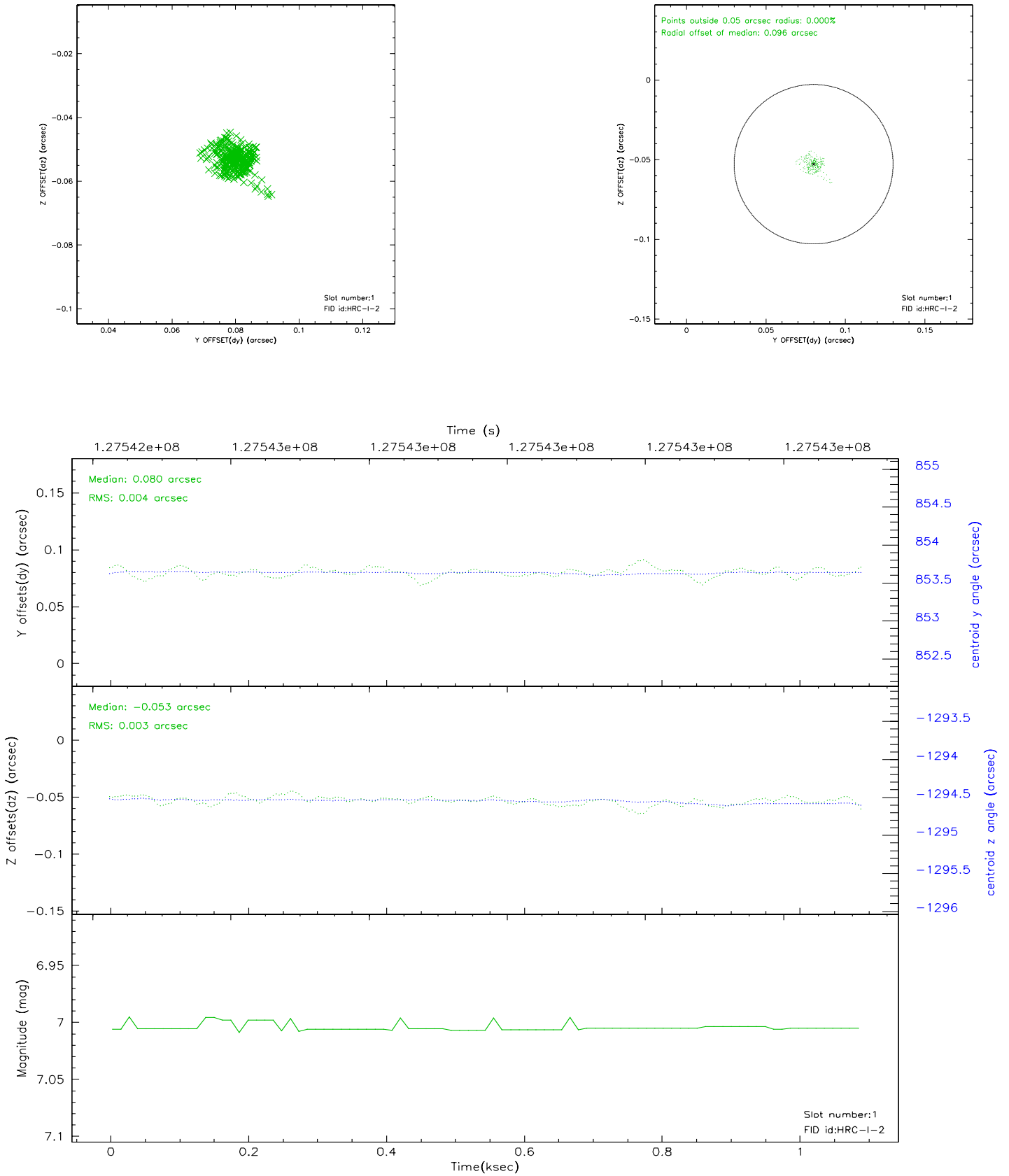


2.5 FID Slots

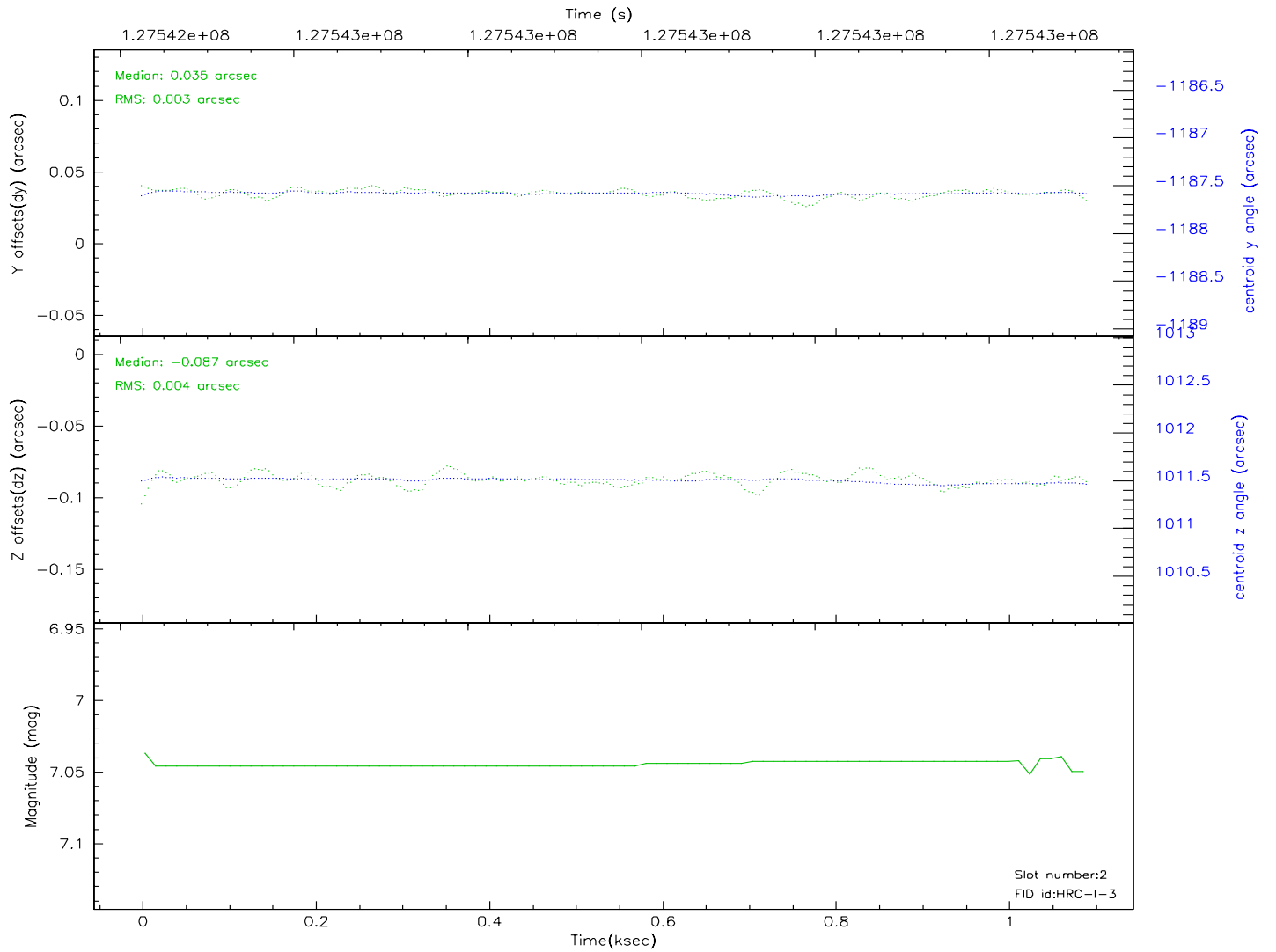
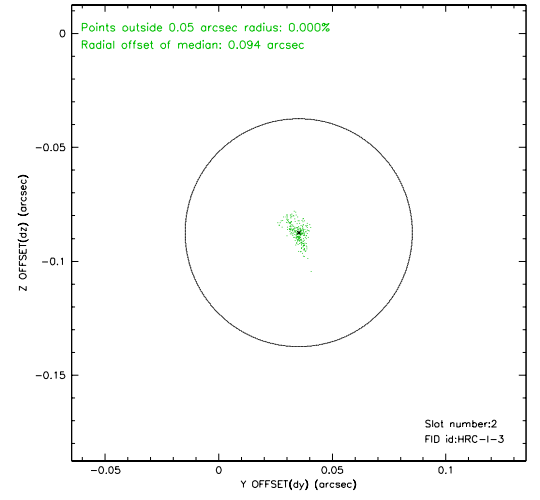
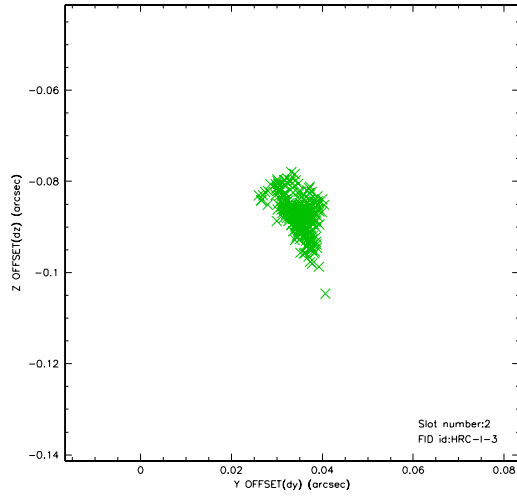
2.5.1 Slot 0



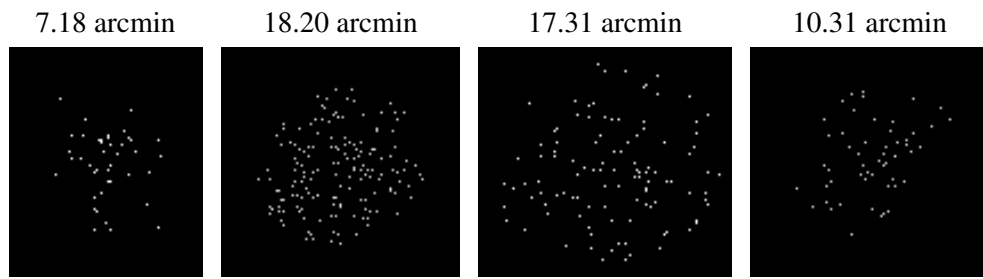
2.5.2 Slot 1



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	1.091

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.