

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2889 - L2 Version 3
Chandra X-Ray Center

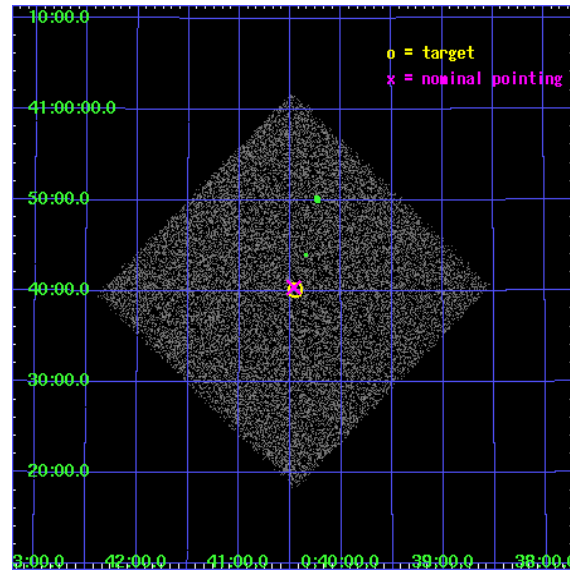
L2 Processing Date : Nov 21 2007

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1 Front

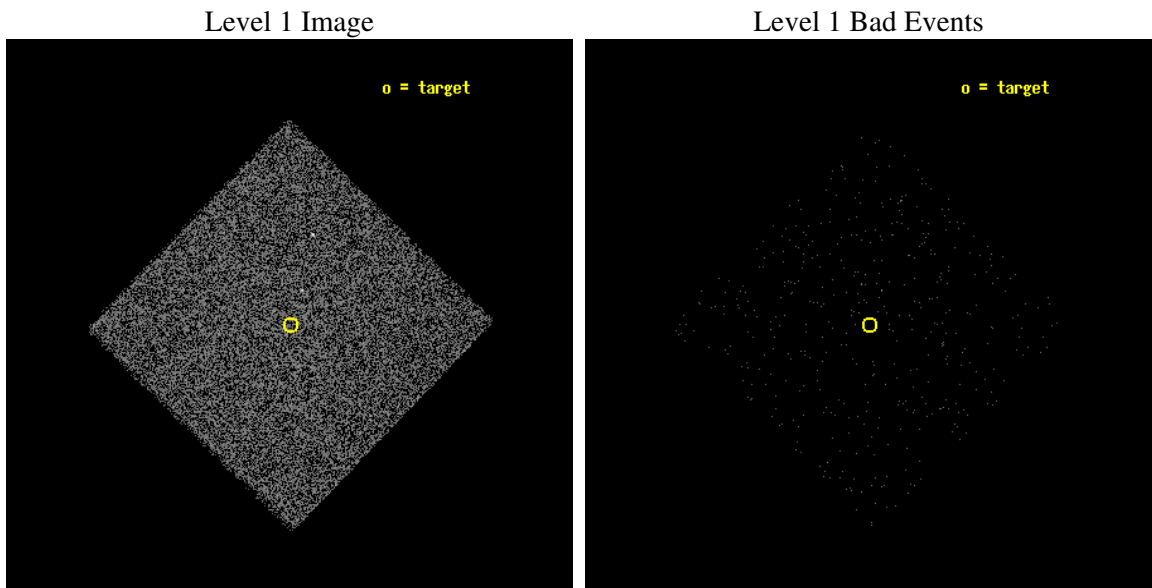
seq_num	600226
obs_id	2889
title	SEARCHING FOR X-RAY TRANSIENTS IN M31 WITH CHANDRA AND HST
observer	Dr. MICHAEL GARCIA
object	M31-S2
ra_targ	10.112917
dec_targ	40.67
ra_nom	10.115915193298
dec_nom	40.673860440527
roll_nom	89.149513961981
revision	3
ontime	984.25629022717
livetime	979.17946643953
l2events	25494



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	2007-11-21T21:48:48
revision	3

sched_exp_time	1000.000000
ontime	984.25629022717
l1events	45307

2.1.3 Events

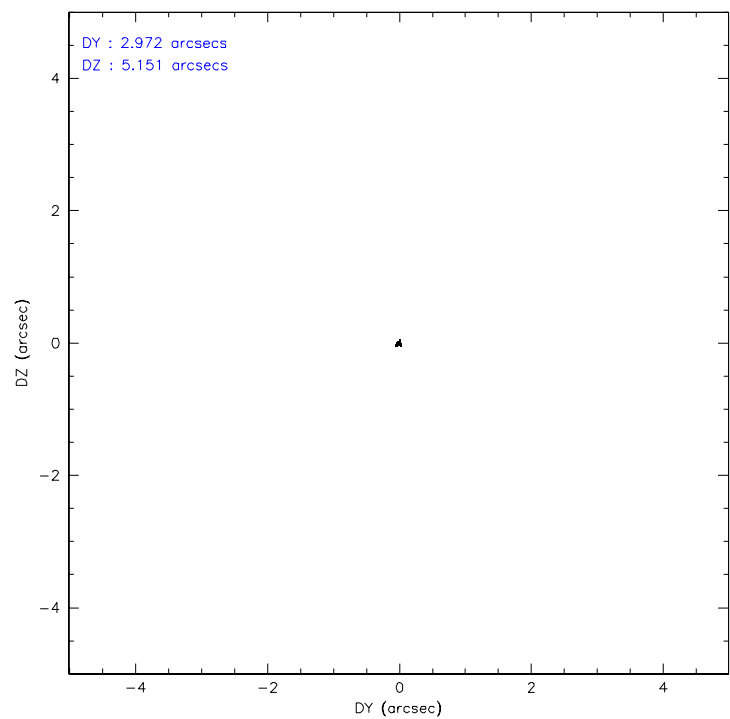
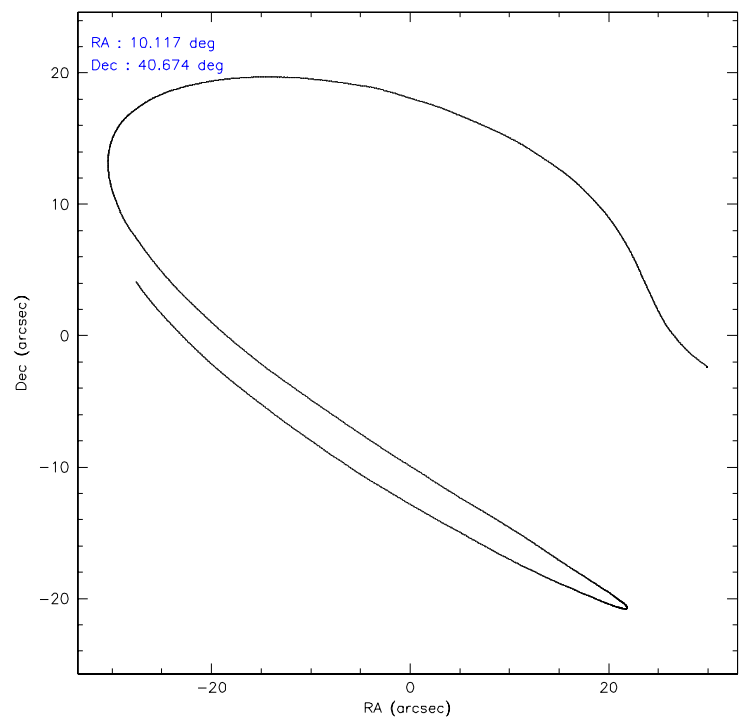
Level 1 Events

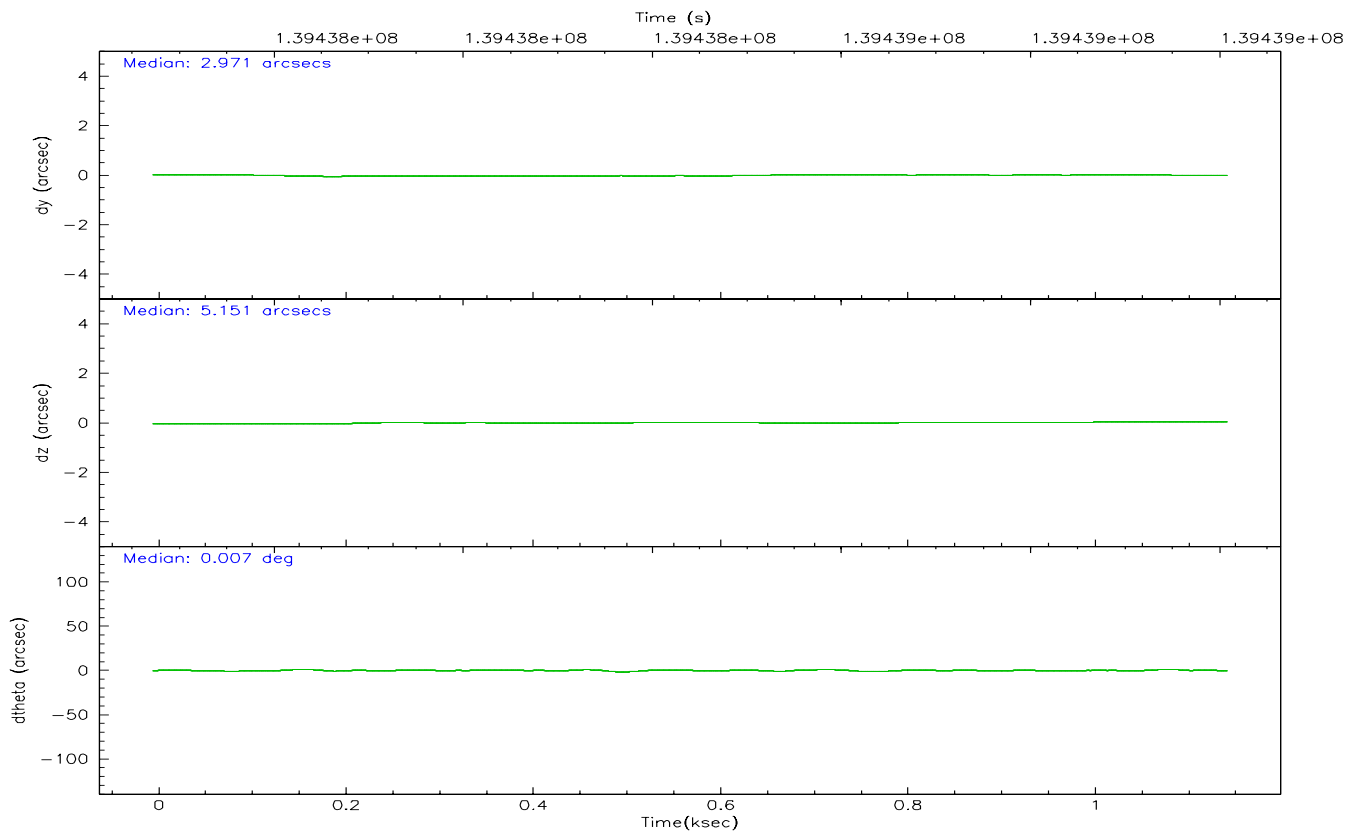
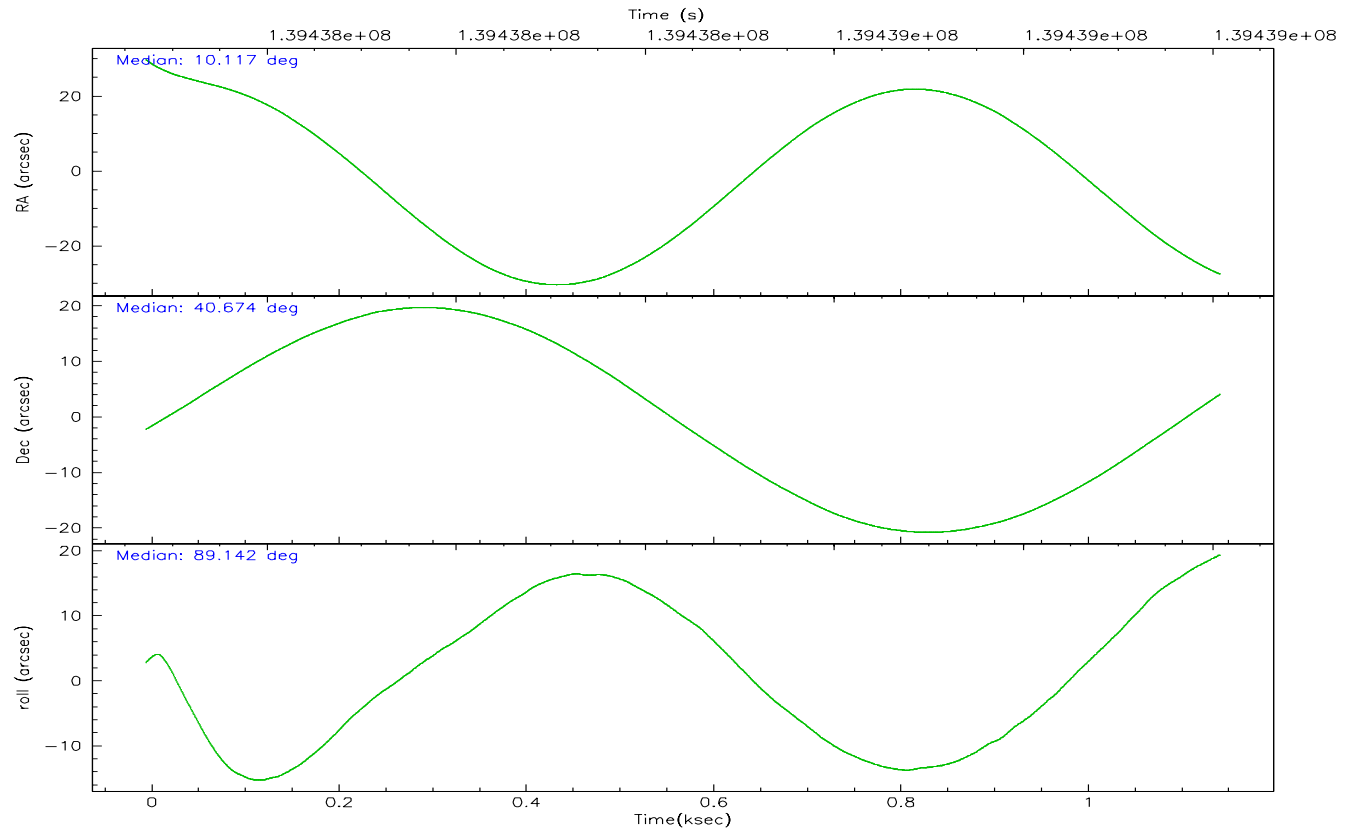
	segment 0
level 1 events	45307
rejected events	6935
rejected %	15%

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	10.133225	10.11591519329763			
Pointing Dec	40.650463	40.67386044052729			
Pointing Roll	89.233526	89.14951396198107			
Window start time	138844864.184000	138844864.184000			
Window stop time	139363264.184000	139363264.184000			
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	139438012.184000	139436947.58443			
Observation start date	2002-06-02T20:45:48	2002-06-02T20:29:07			
Observation end time	139439012.184000	139439146.72202			
Observation end date	2002-06-02T21:02:28	2002-06-02T21:05:46			

2.3 Aspect



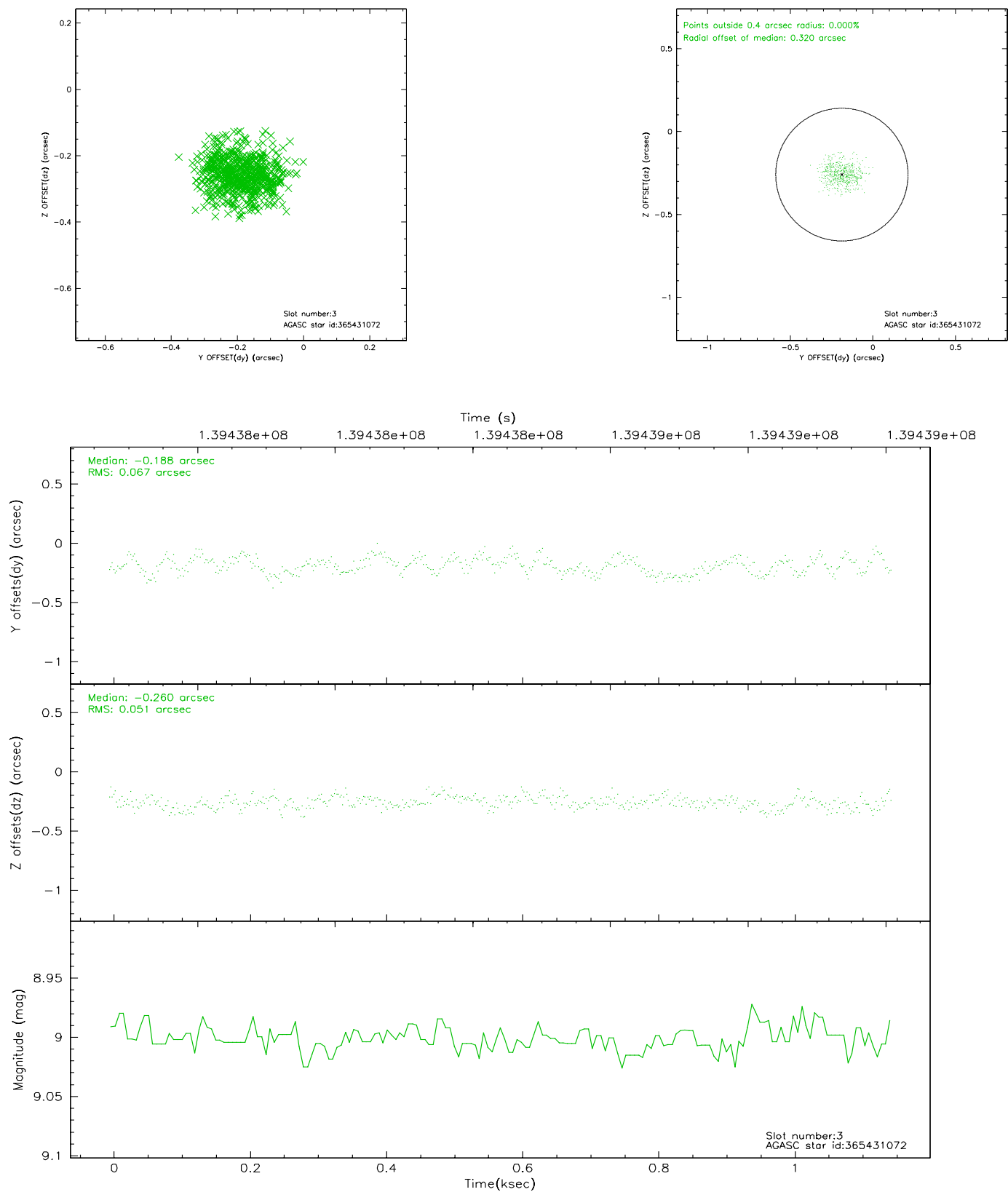


Slot Statistics

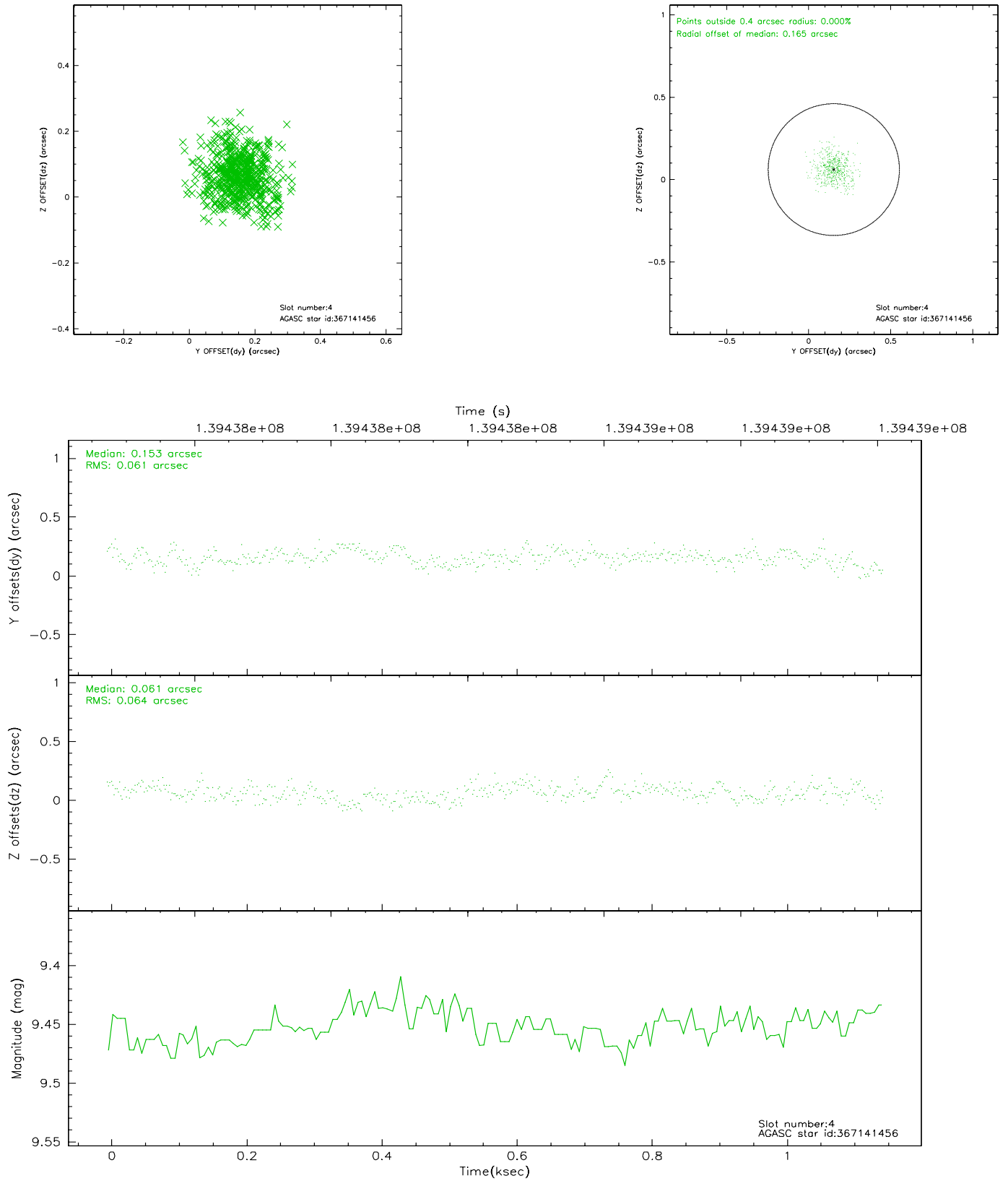
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	280	0.001	0.041	0.007	0.013	0.000000	0.000000	-758.41	-1292.92
1	FID	HRC-I-2	7.01	280	0.072	-0.038	0.007	0.010	0.000000	0.000000	851.59	-1299.15
2	FID	HRC-I-3	7.07	280	0.047	-0.094	0.006	0.013	0.000000	0.000000	-1183.85	1006.86
3	GUIDE	365431072	9.00	561	-0.188	-0.260	0.093	0.137	9.376278	41.092224	1571.47	2078.25
4	GUIDE	367141456	9.45	560	0.153	0.061	0.096	0.153	10.733182	40.145955	-1785.00	-1668.12
5	GUIDE	365439720	8.48	561	-0.017	-0.147	0.057	0.092	9.704623	40.431022	-805.85	1164.02
6	GUIDE	367144424	8.65	561	0.062	0.074	0.065	0.100	10.464515	40.309136	-1215.81	-920.43
7	GUIDE	367139648	8.19	560	-0.016	0.253	0.083	0.120	11.021290	40.433909	-736.43	-2441.60

2.4 Star Slots

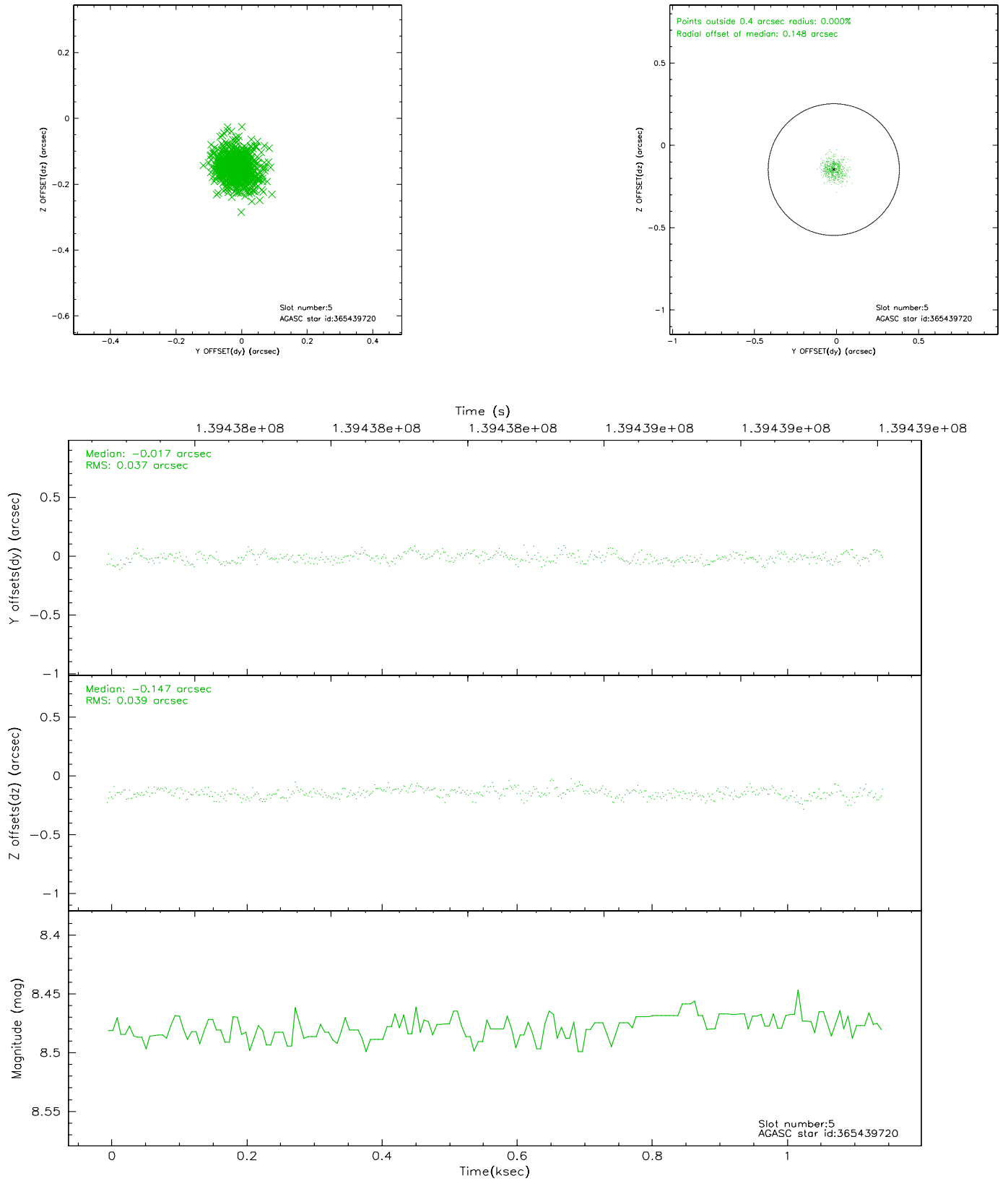
2.4.1 Slot 3



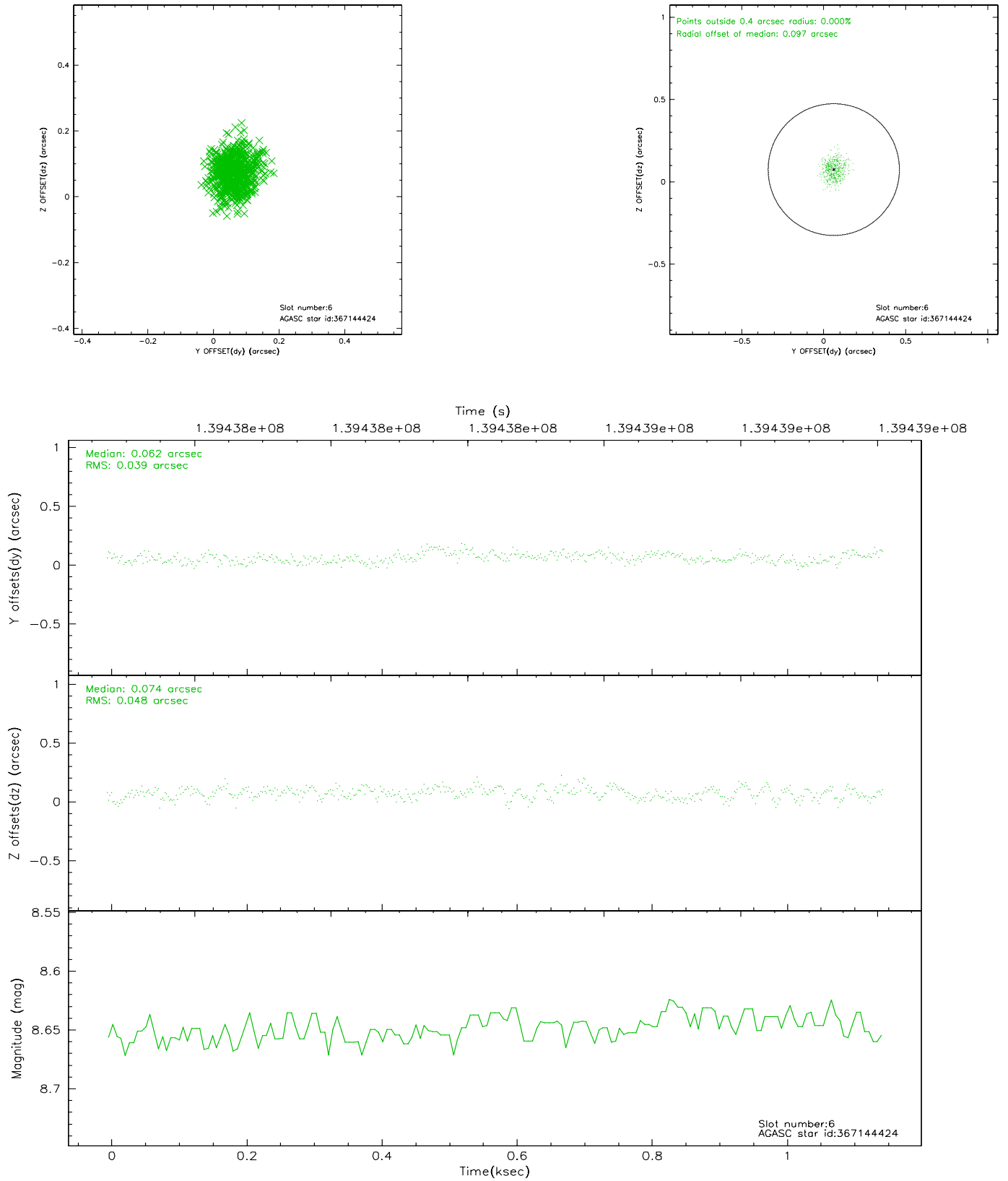
2.4.2 Slot 4



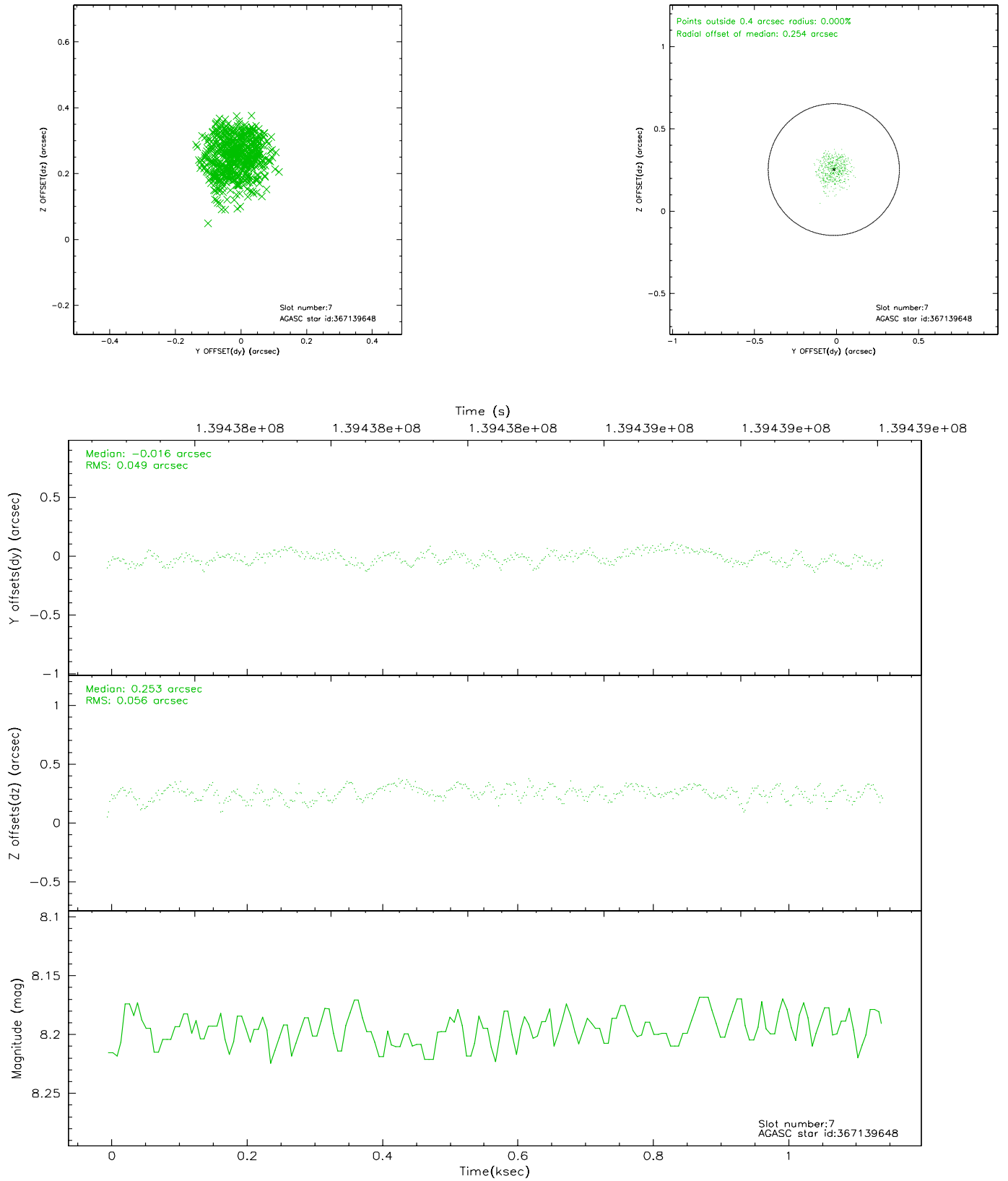
2.4.3 Slot 5



2.4.4 Slot 6

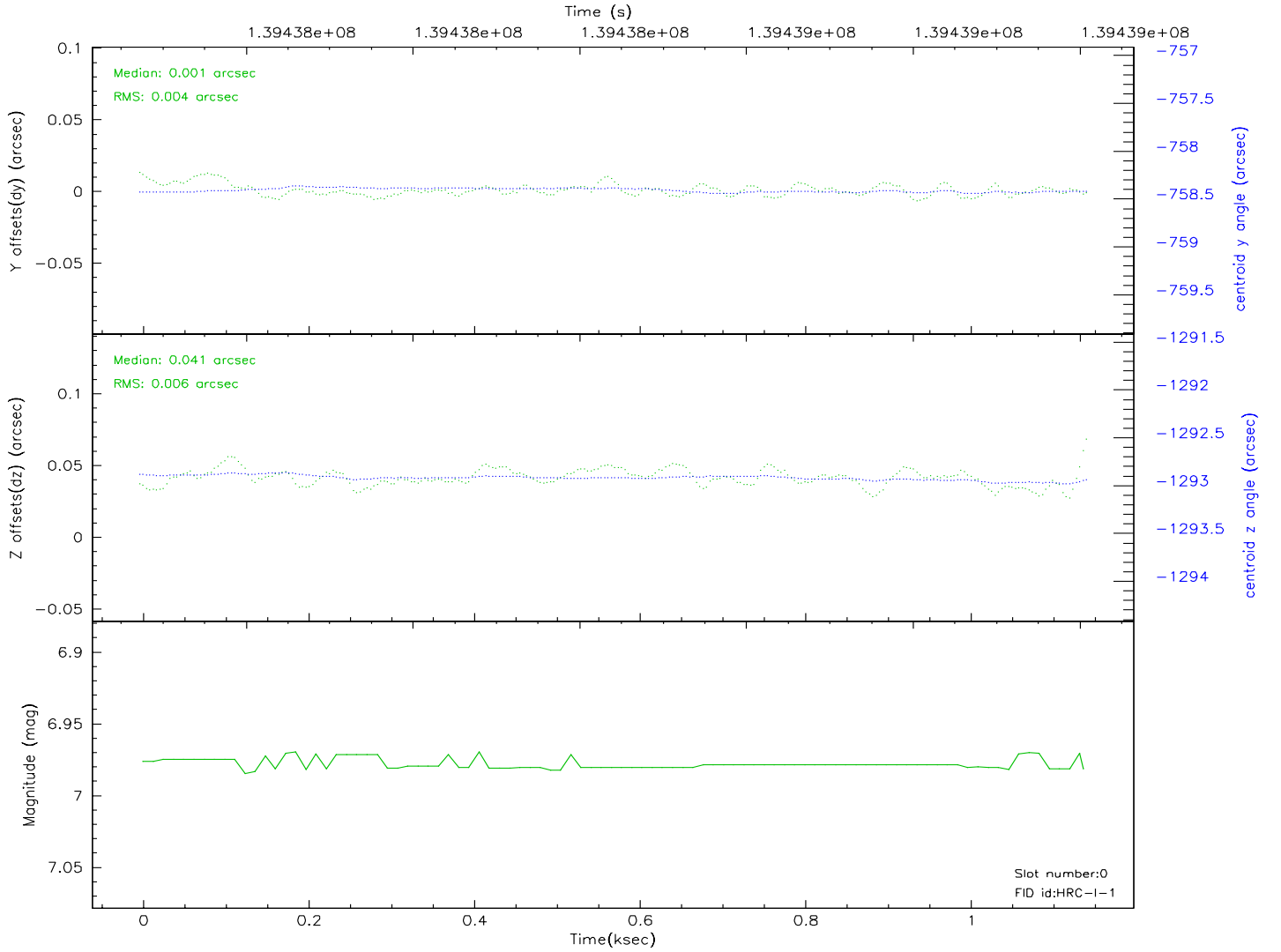
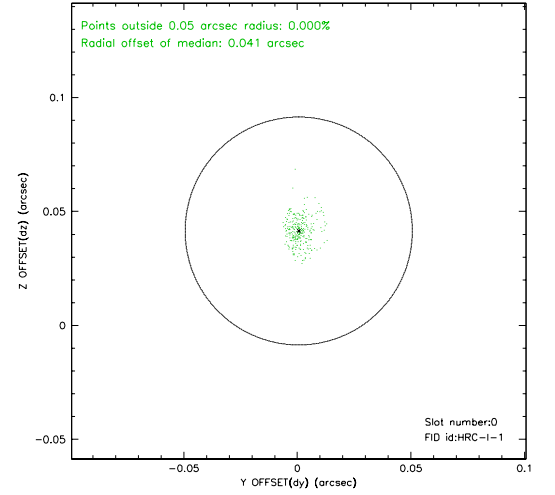
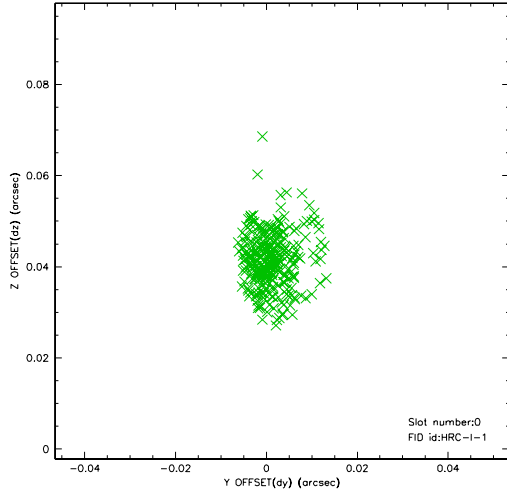


2.4.5 Slot 7

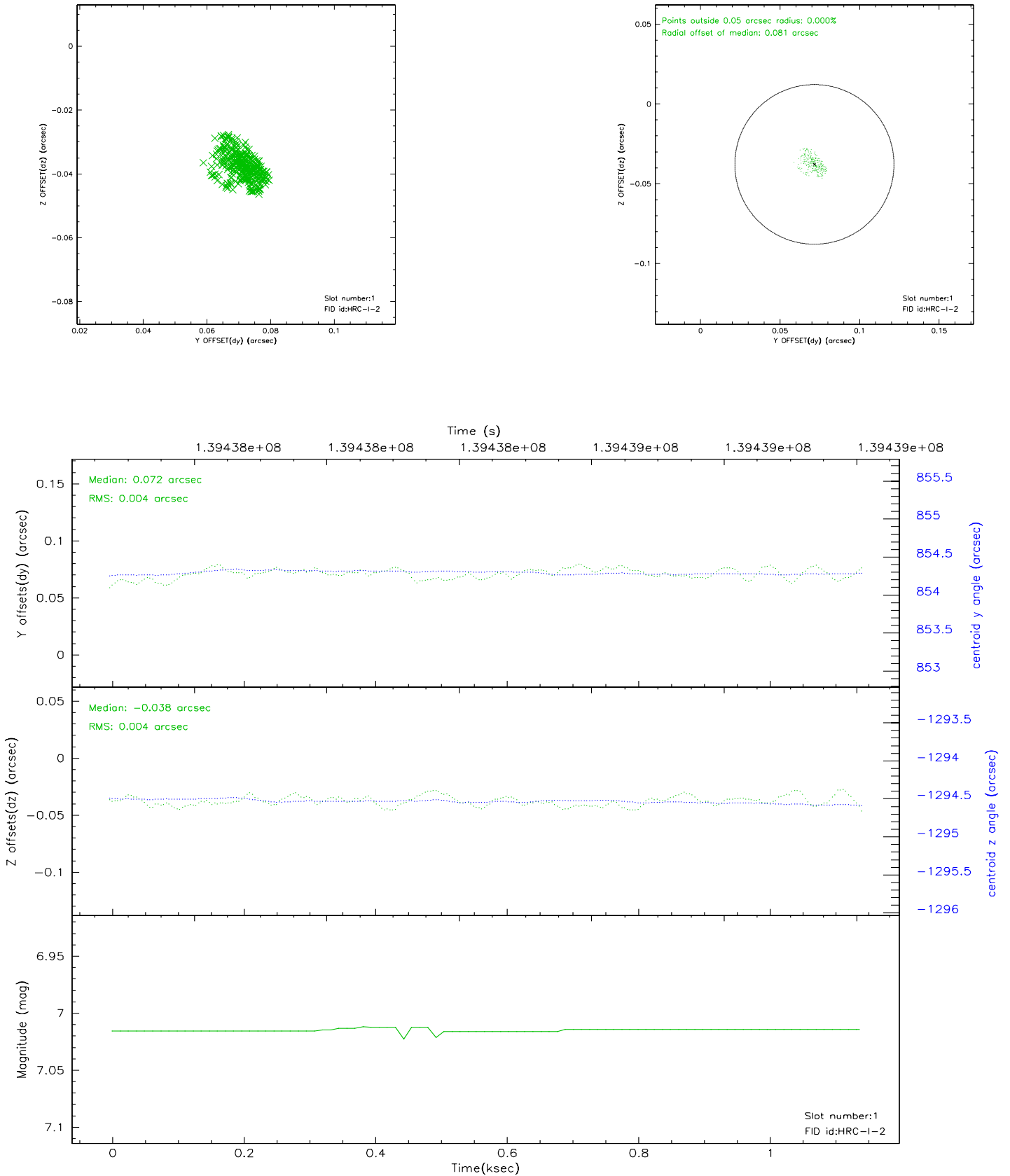


2.5 FID Slots

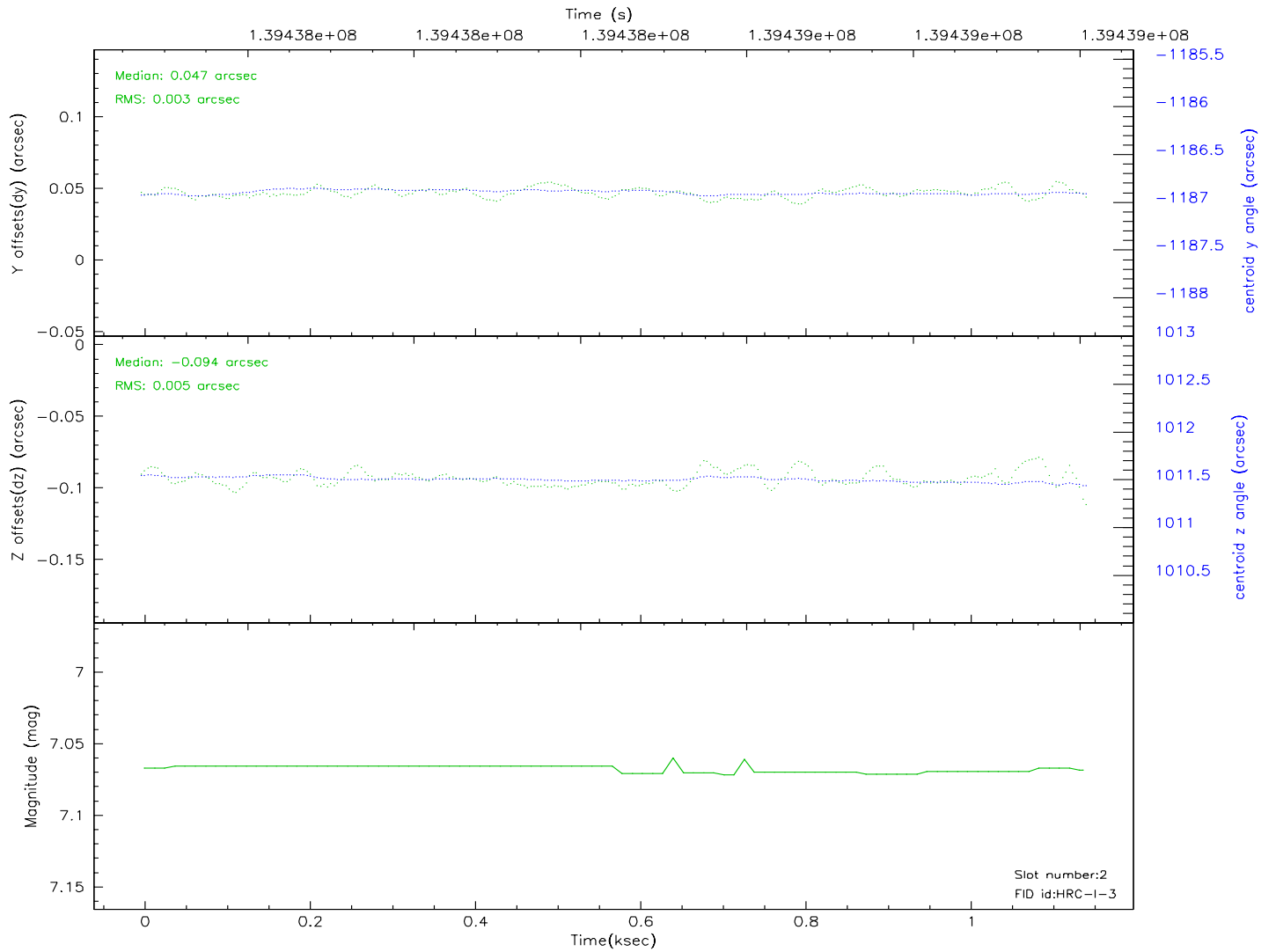
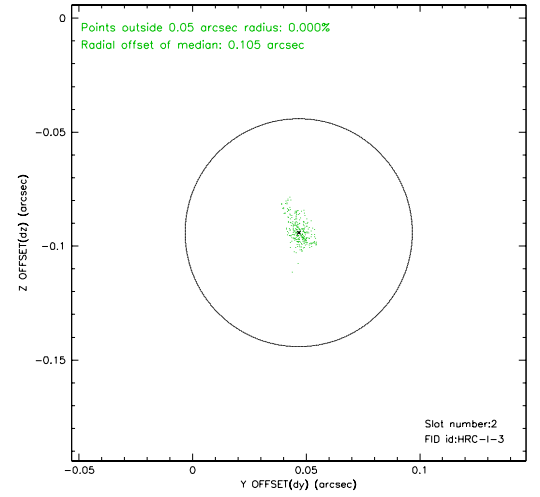
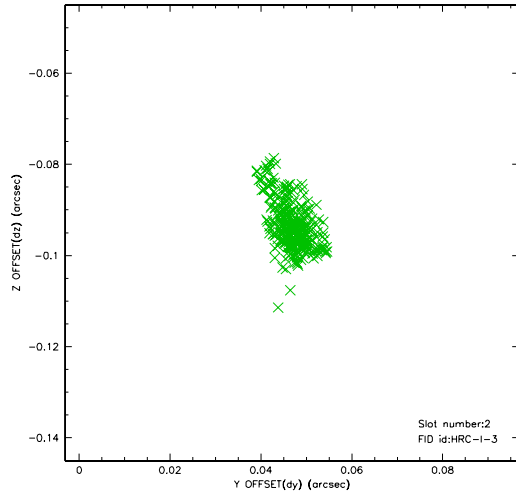
2.5.1 Slot 0



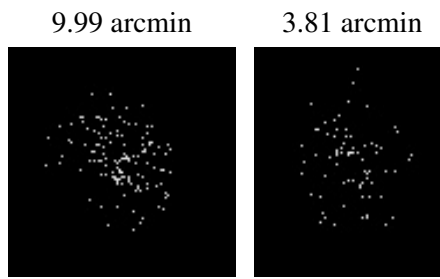
2.5.2 Slot 1



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	0.984

A.2 Comments

Window constraint not met.

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.