

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 2891 - L2 Version 3
Chandra X-Ray Center

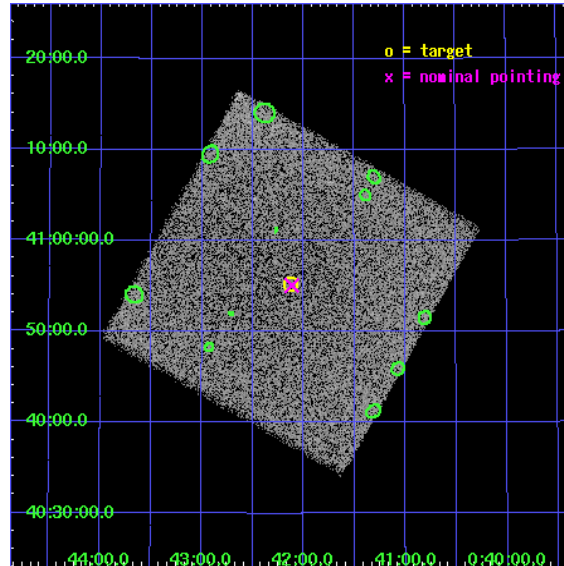
L2 Processing Date : Nov 20 2007

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1 Front

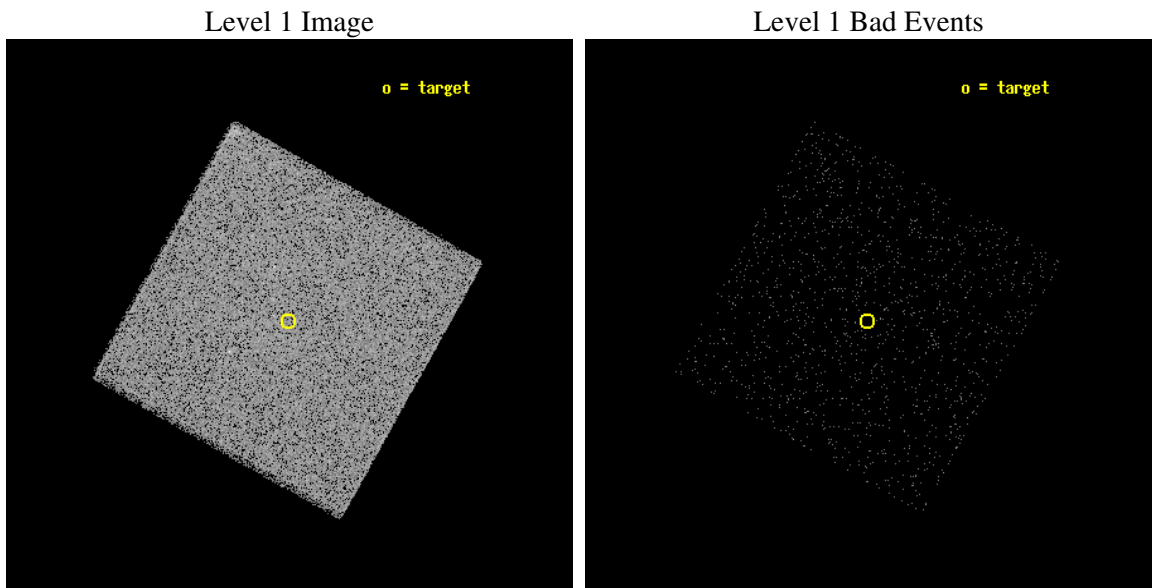
seq_num	600228
obs_id	2891
title	SEARCHING FOR X-RAY TRANSIENTS IN M31 WITH CHANDRA AND HST
observer	Dr. MICHAEL GARCIA
object	M31-S1
ra_targ	10.532917
dec_targ	40.921
ra_nom	10.528768196021
dec_nom	40.918229735117
roll_nom	254.36476821039
revision	3
ontime	1184.1312973201
livetime	1173.8091414847
l2events	67630



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	2007-11-20T20:10:12
revision	3

sched_exp_time	1000.000000
ontime	1184.1312973201
l1events	136066

2.1.3 Events

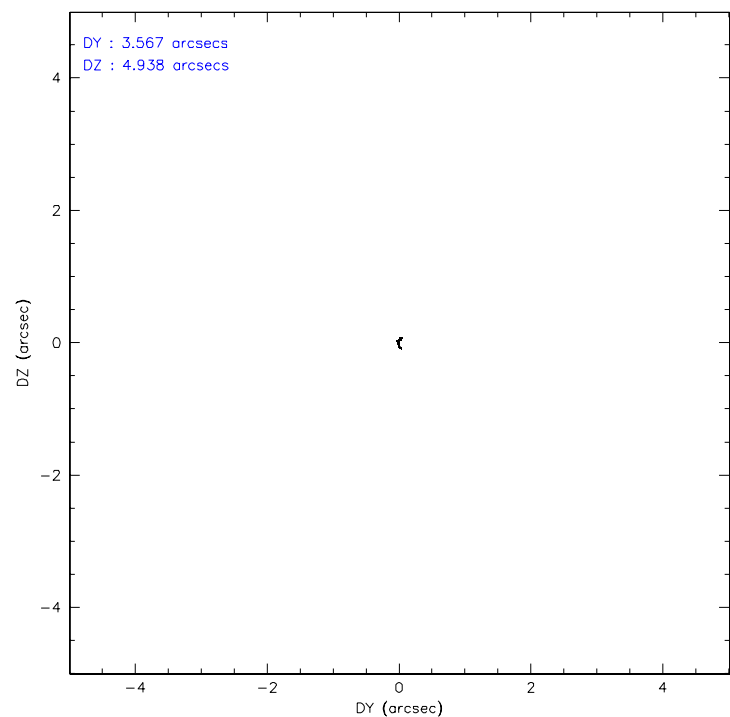
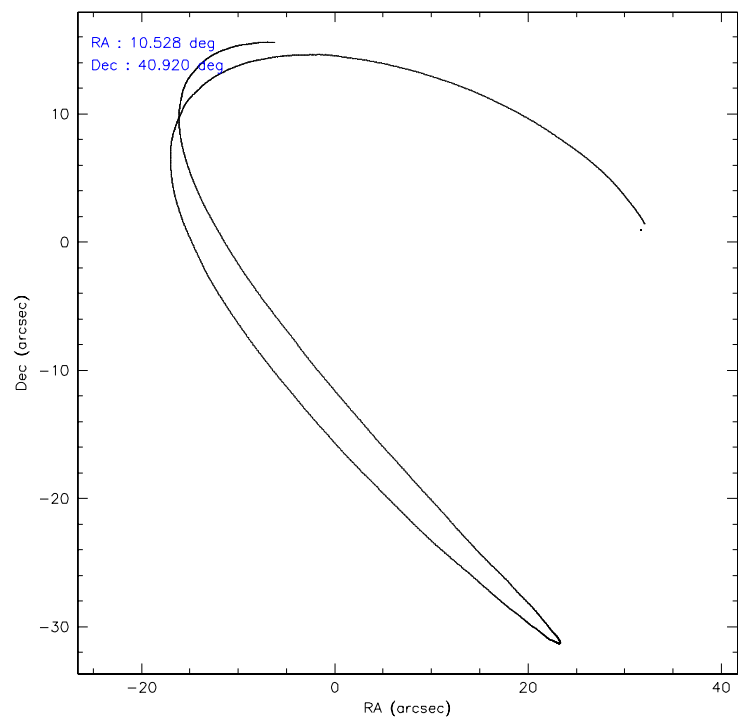
Level 1 Events

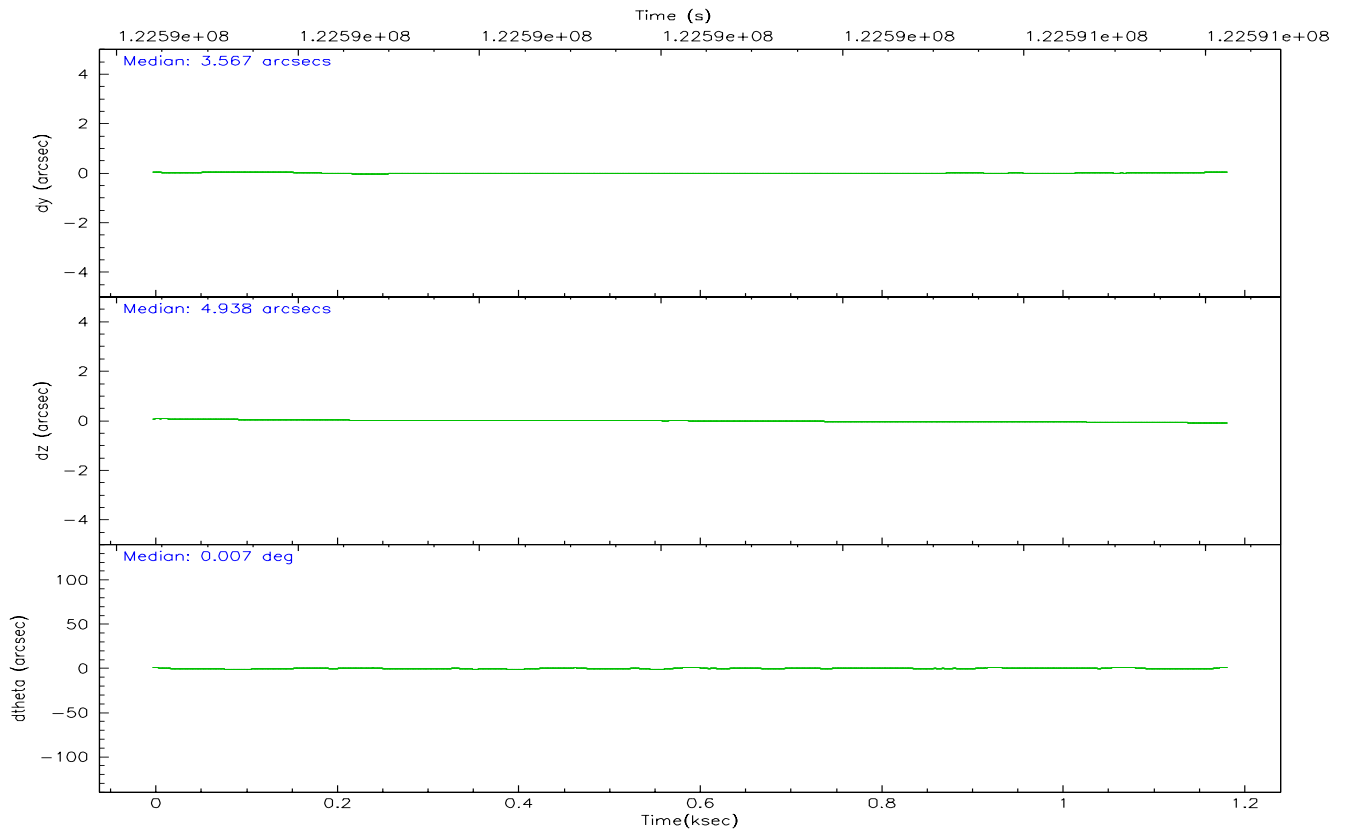
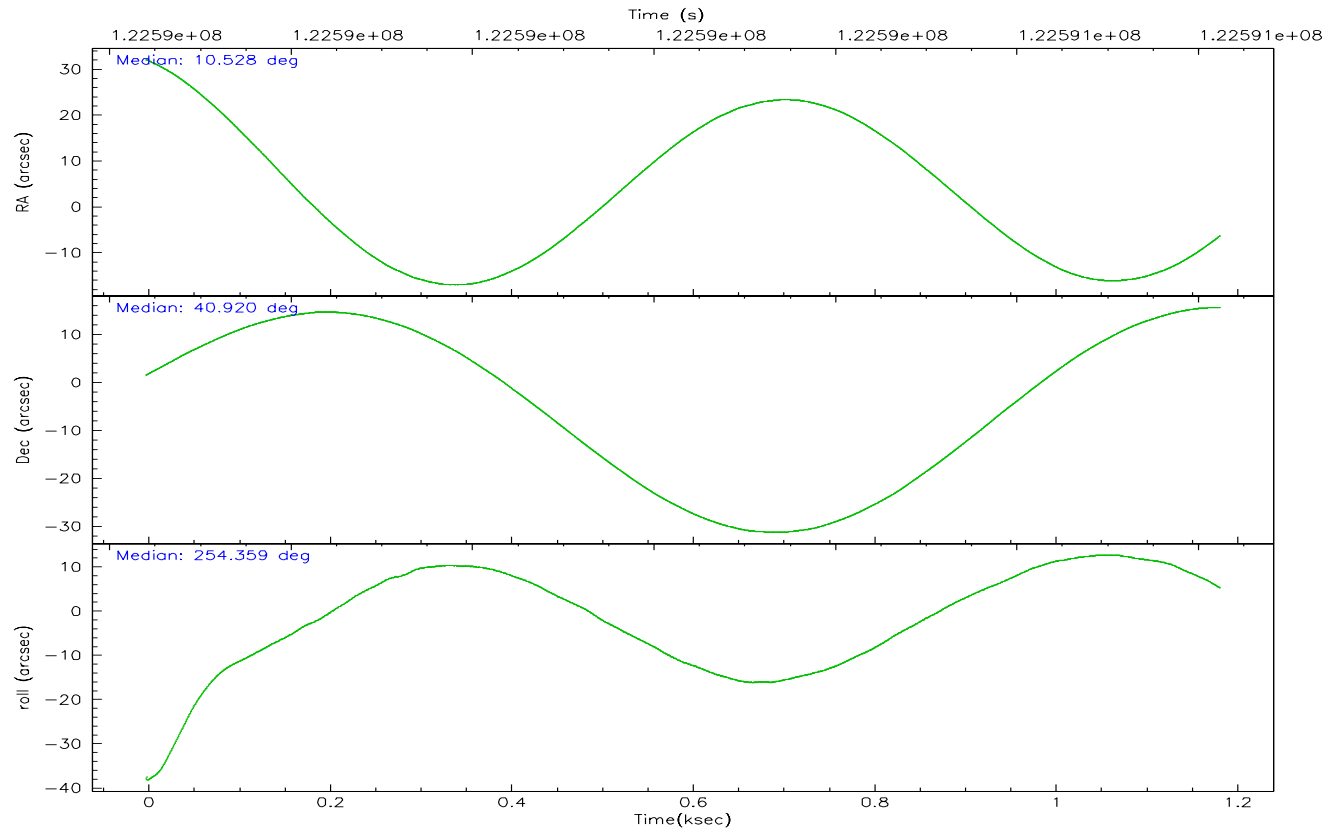
	segment 0
level 1 events	136066
rejected events	29441
rejected %	21%

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	10.519791	10.52876819602127			
Pointing Dec	40.943815	40.91822973511651			
Pointing Roll	254.466180	254.36476821039			
Window start time	122515264.184000	122515264.184000			
Window stop time	123120064.184000	123120064.184000			
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	122589821.184000	122589444.71602			
Observation start date	2001-11-19T20:42:37	2001-11-19T20:37:24			
Observation end time	122590821.184000	122590955.05358			
Observation end date	2001-11-19T20:59:17	2001-11-19T21:02:35			

2.3 Aspect



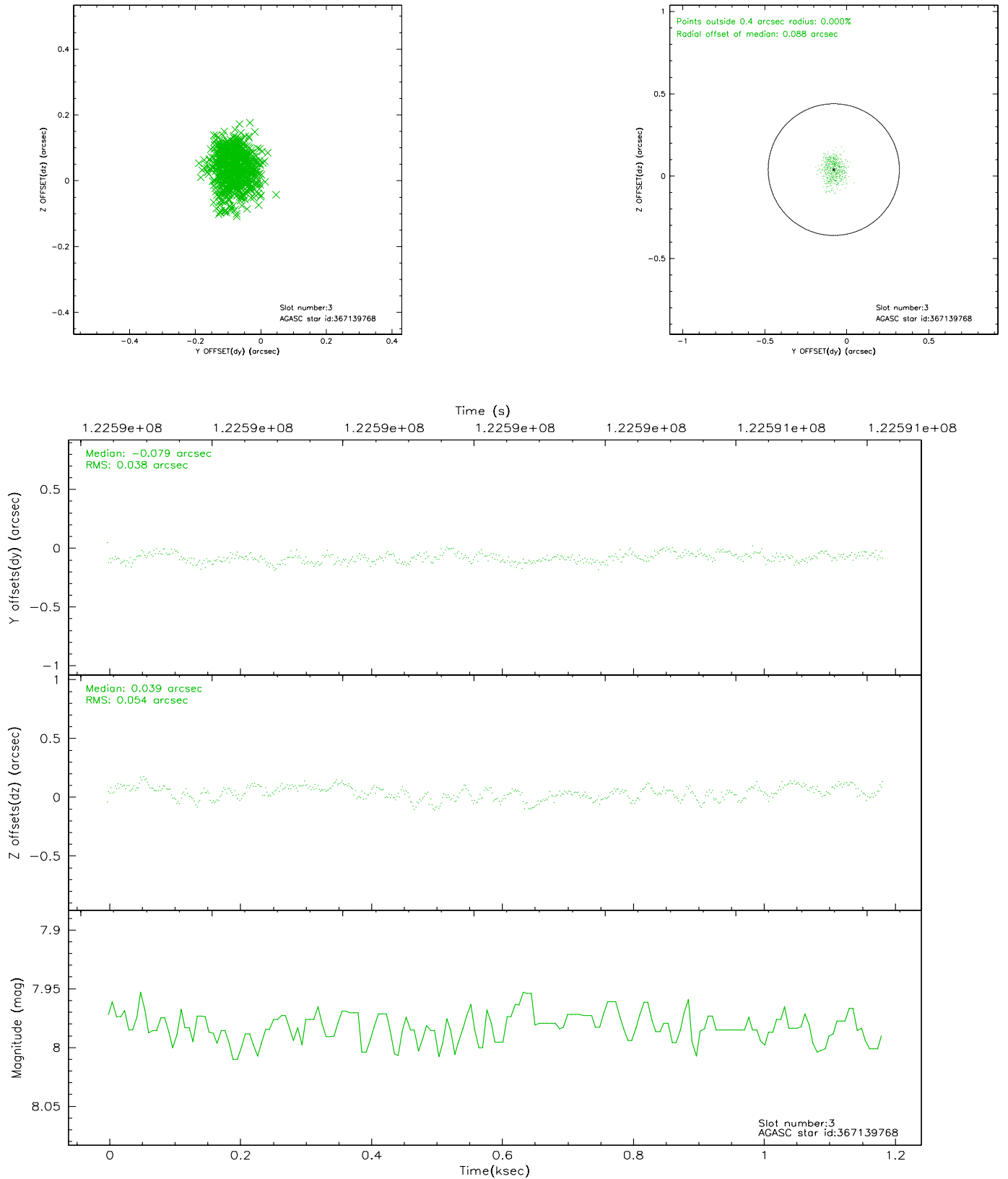


Slot Statistics

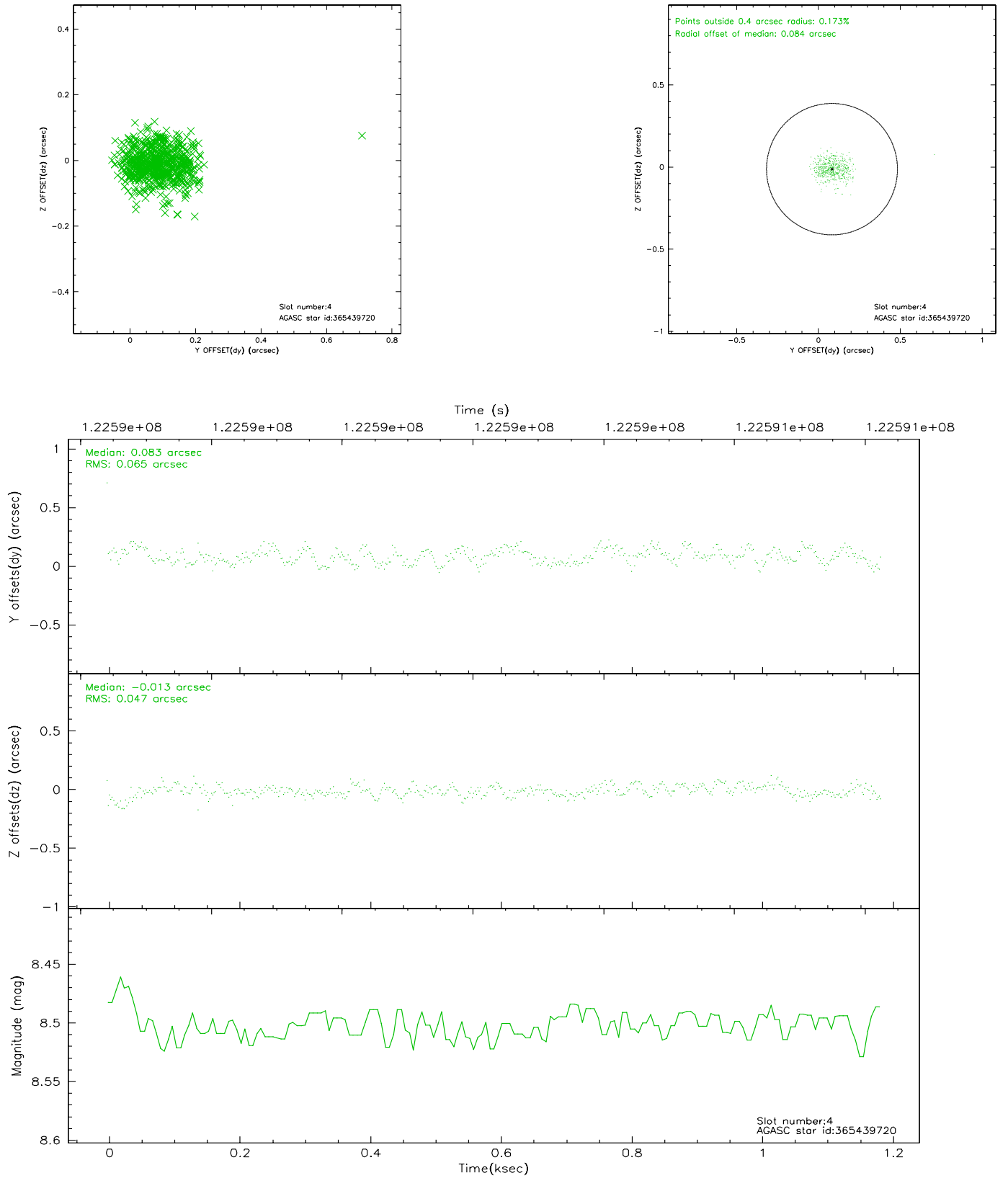
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	289	0.011	0.065	0.006	0.010	0.000000	0.000000	-759.01	-1292.67
1	FID	HRC-I-2	7.00	289	0.074	-0.056	0.005	0.010	0.000000	0.000000	851.05	-1298.80
2	FID	HRC-I-3	7.04	289	0.035	-0.099	0.005	0.010	0.000000	0.000000	-1184.59	1007.22
3	GUIDE	367139768	7.98	579	-0.079	0.039	0.071	0.115	11.069715	40.685175	492.65	1696.80
4	GUIDE	365439720	8.50	579	0.083	-0.013	0.083	0.128	9.704623	40.431022	2370.35	-1655.29
5	GUIDE	367144424	8.65	579	-0.015	-0.042	0.060	0.101	10.464515	40.309136	2248.36	465.23
6	GUIDE	367146616	8.88	574	0.044	-0.037	0.086	0.139	11.418645	41.190163	-1512.44	2108.28
7	GUIDE	367658664	9.60	577	-0.038	0.070	0.103	0.167	10.374070	41.369746	-1372.50	-784.31

2.4 Star Slots

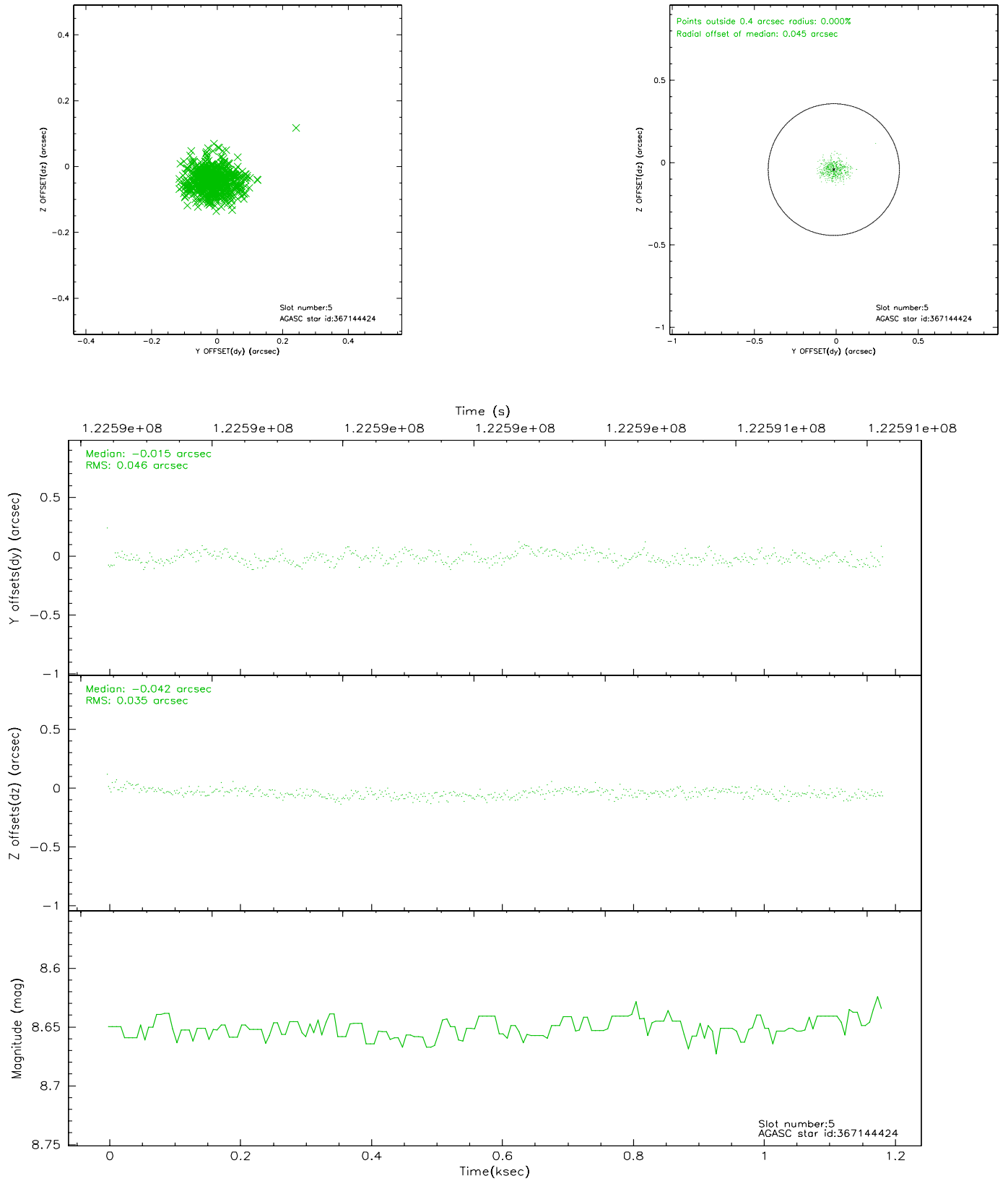
2.4.1 Slot 3



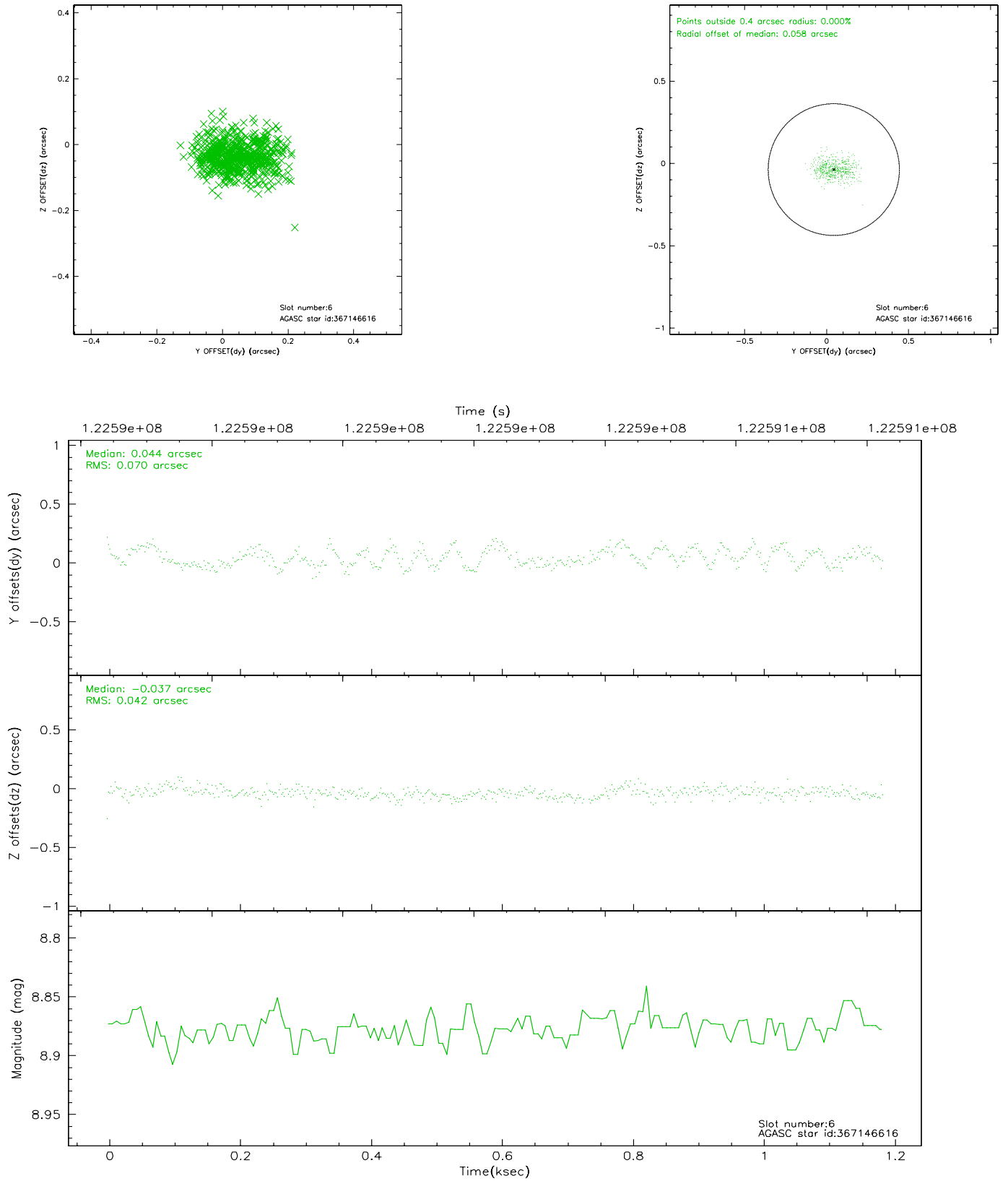
2.4.2 Slot 4



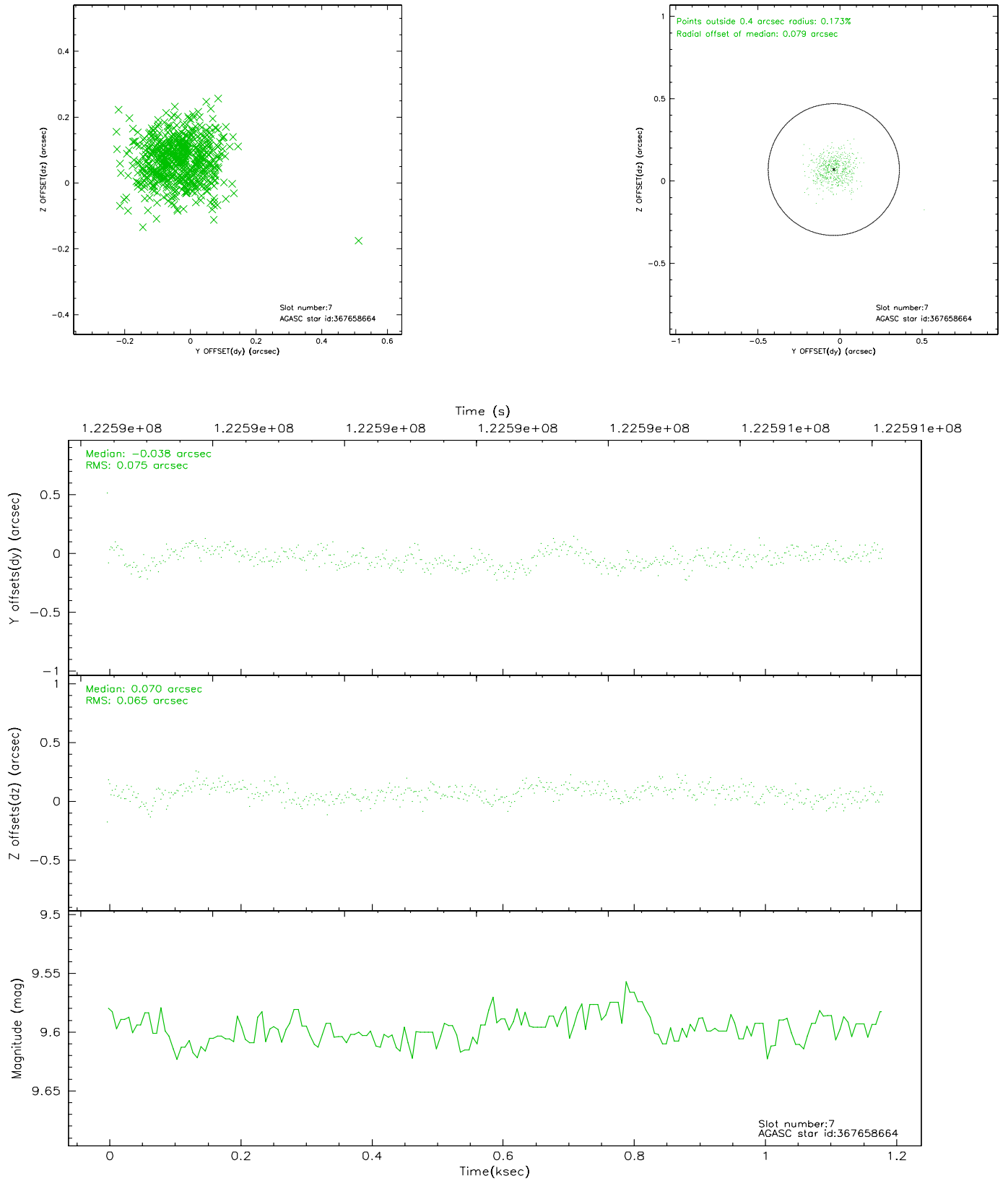
2.4.3 Slot 5



2.4.4 Slot 6

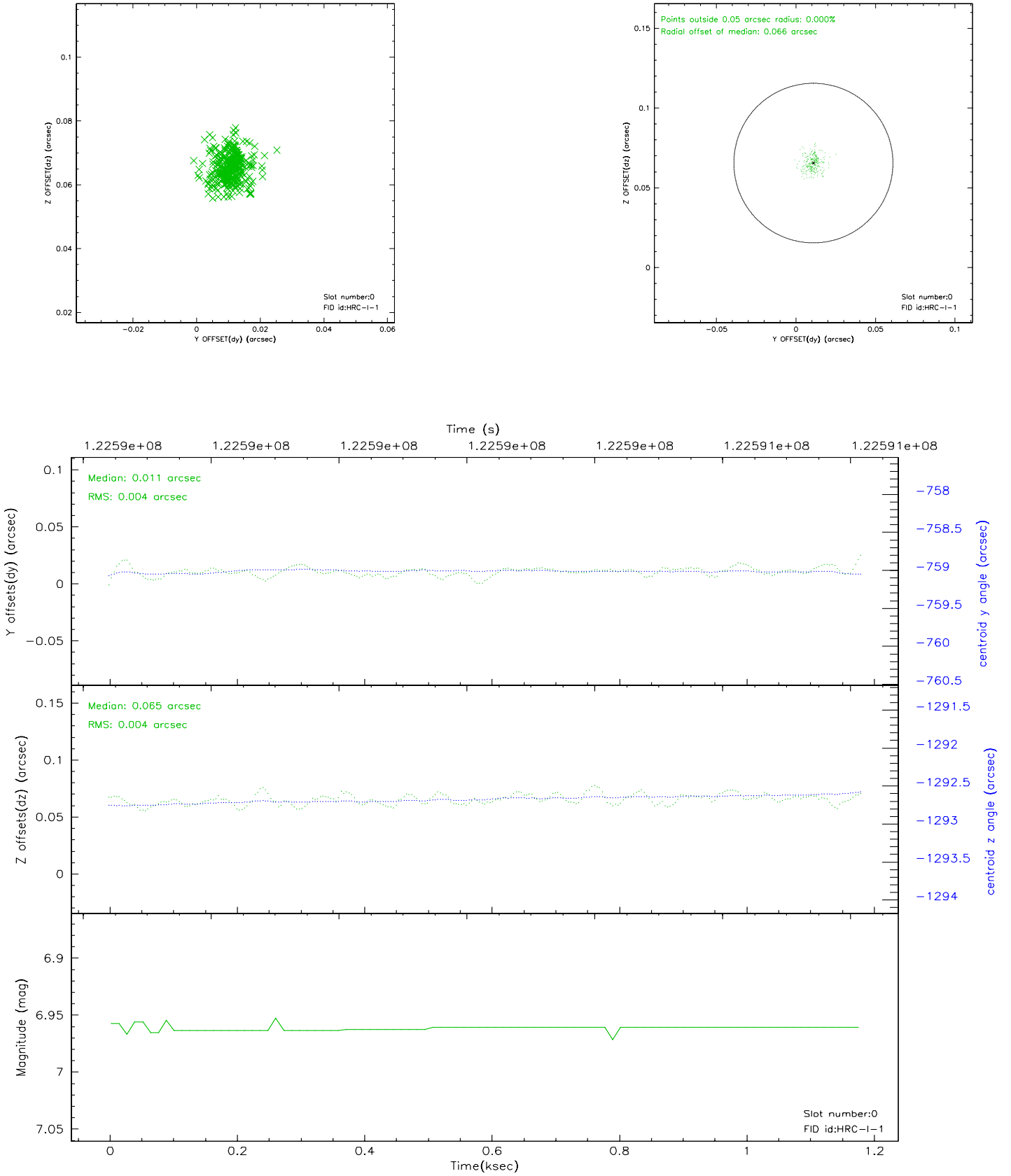


2.4.5 Slot 7

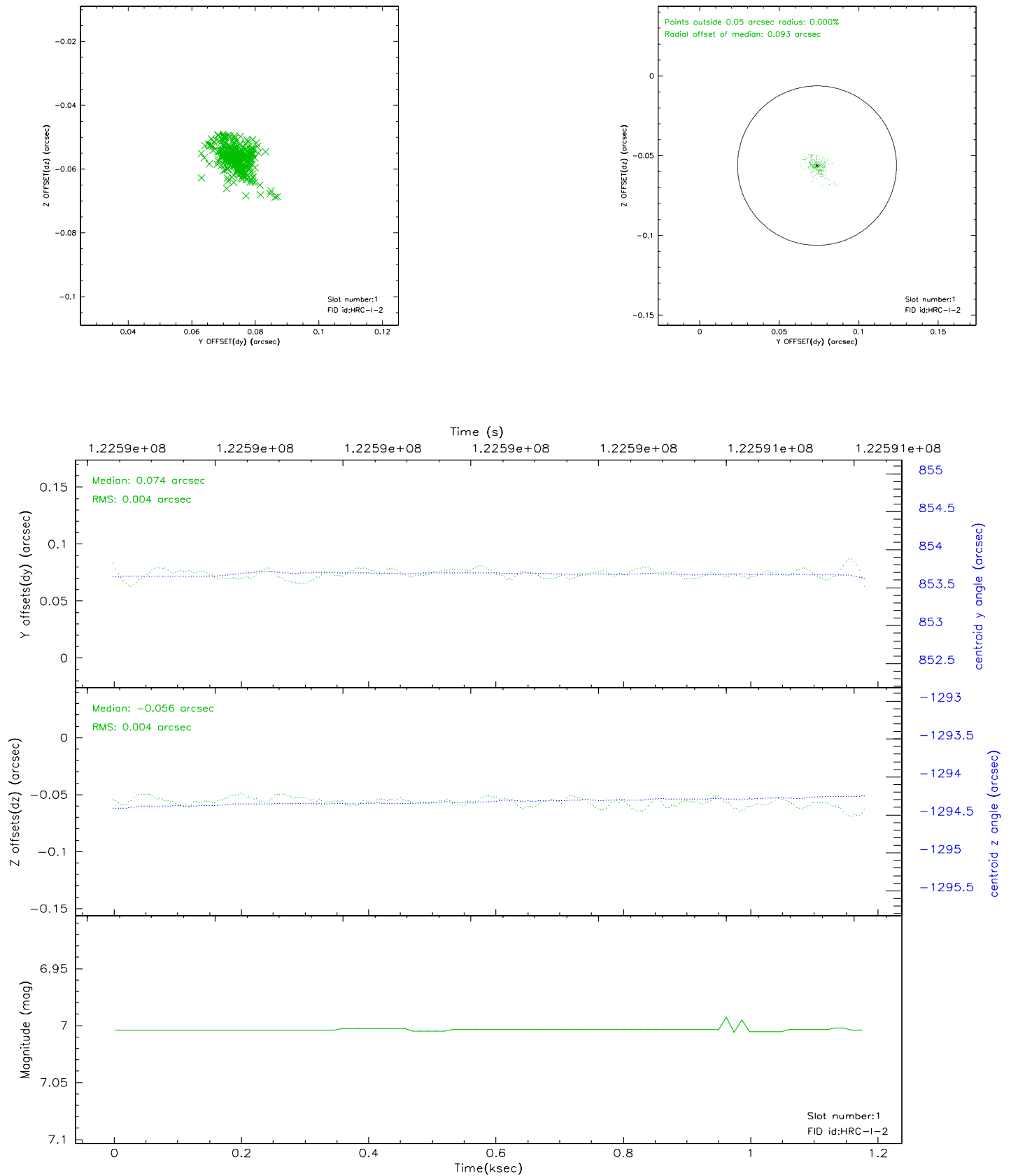


2.5 FID Slots

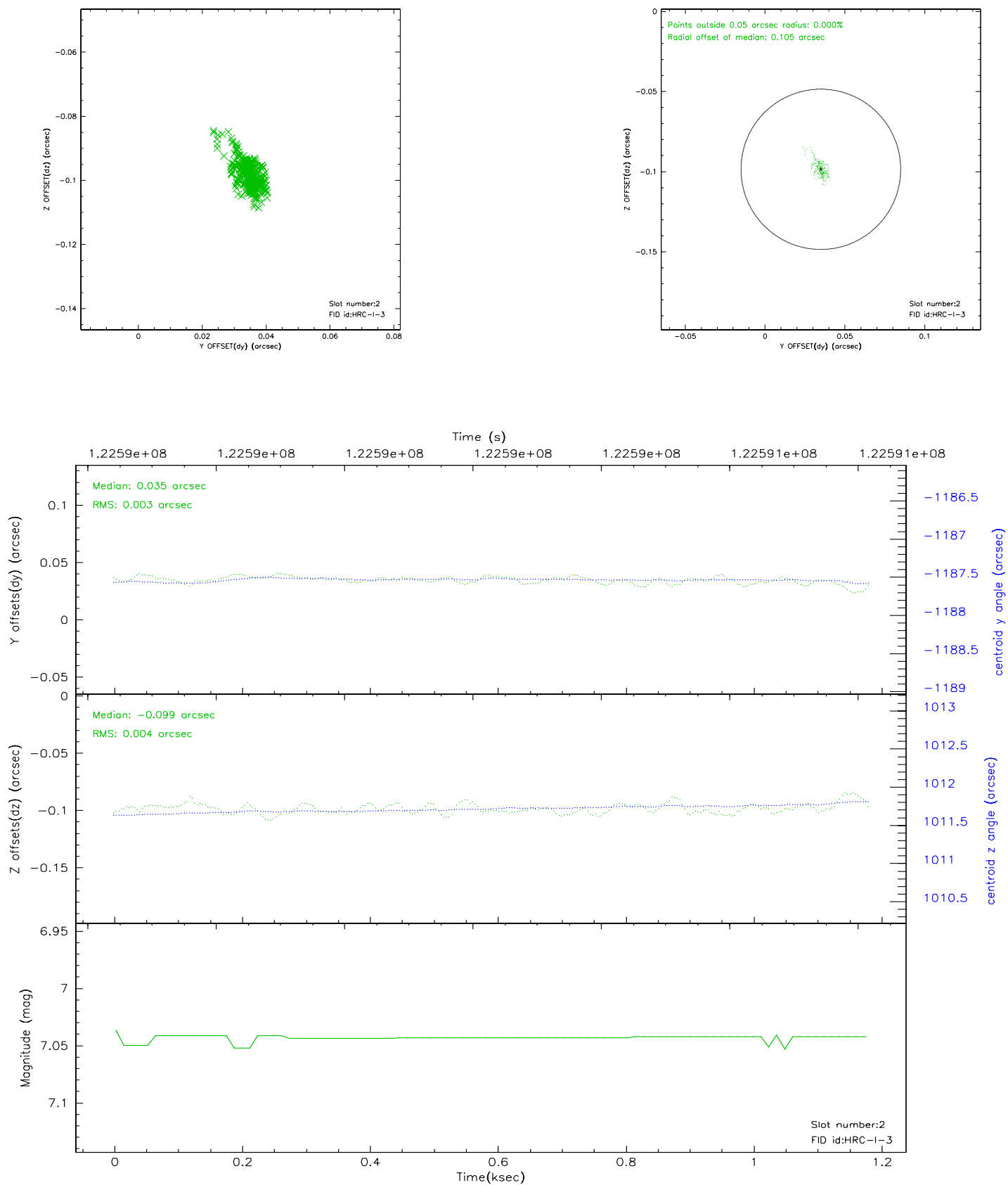
2.5.1 Slot 0



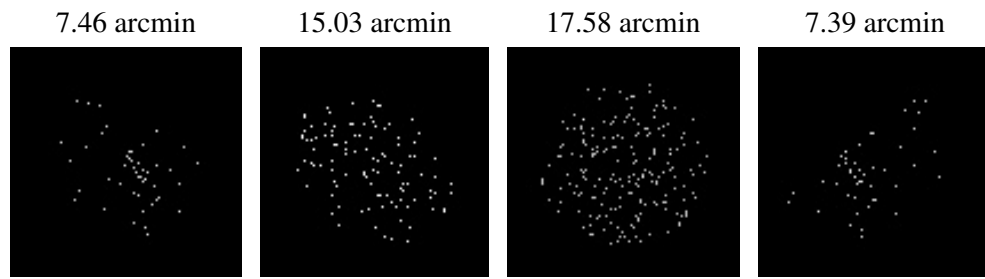
2.5.2 Slot 1



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	1.184

A.2 Comments

Window constraint 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.