

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 254 - L2 Version 5
Chandra X-Ray Center

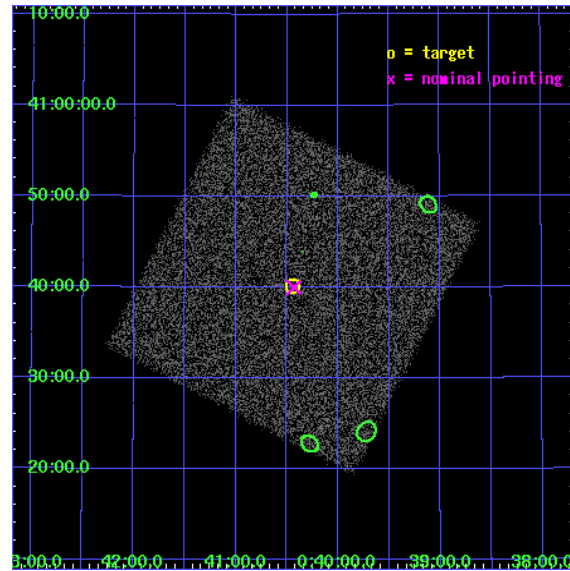
L2 Processing Date : Nov 20 2007

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1 Front

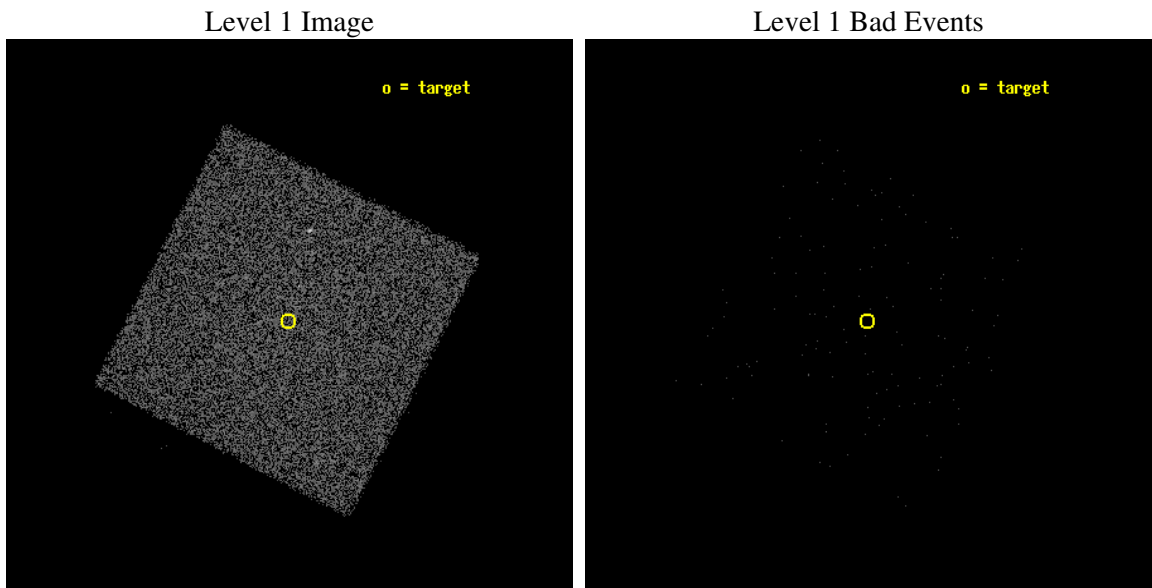
seq_num	600014
obs_id	254
title	MONITORING M31
observer	Dr. Stephen Murray
object	M31 - South 2
ra_targ	10.1125
dec_targ	40.67
ra_nom	10.107983024276
dec_nom	40.66649488627
roll_nom	252.15935963173
revision	5
ontime	1186.1812952906
livetime	1180.483439706
l2events	31276



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	2007-11-21T03:21:34
revision	4

sched_exp_time	1000.000000
ontime	1186.1812952906
l1events	56413

2.1.3 Events

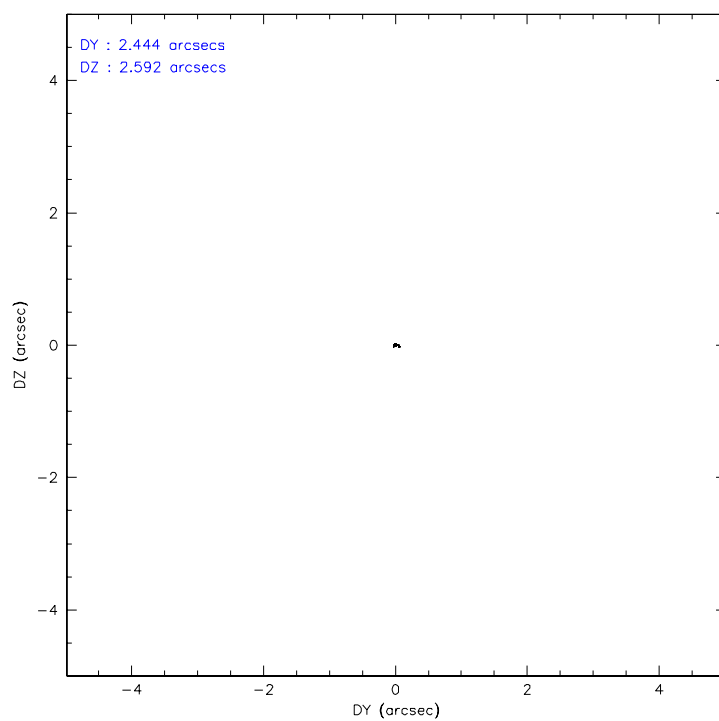
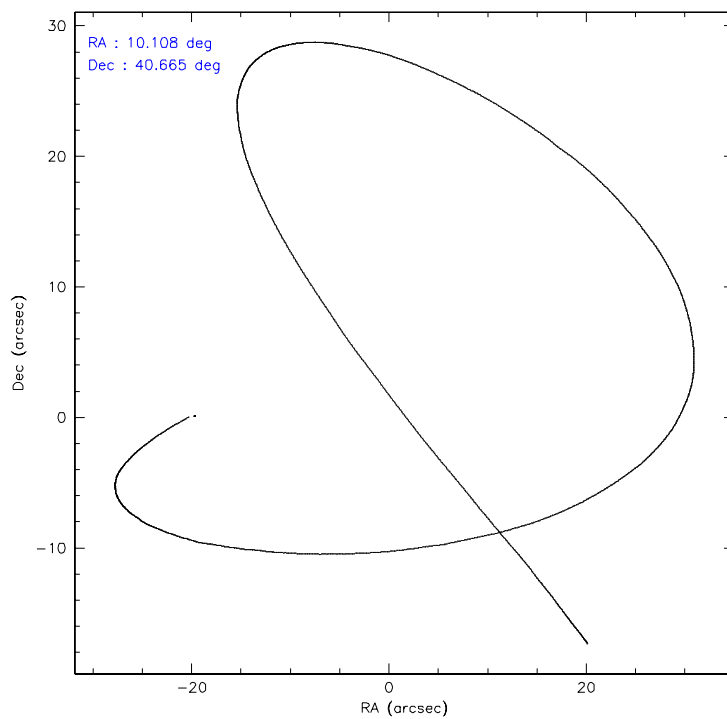
Level 1 Events

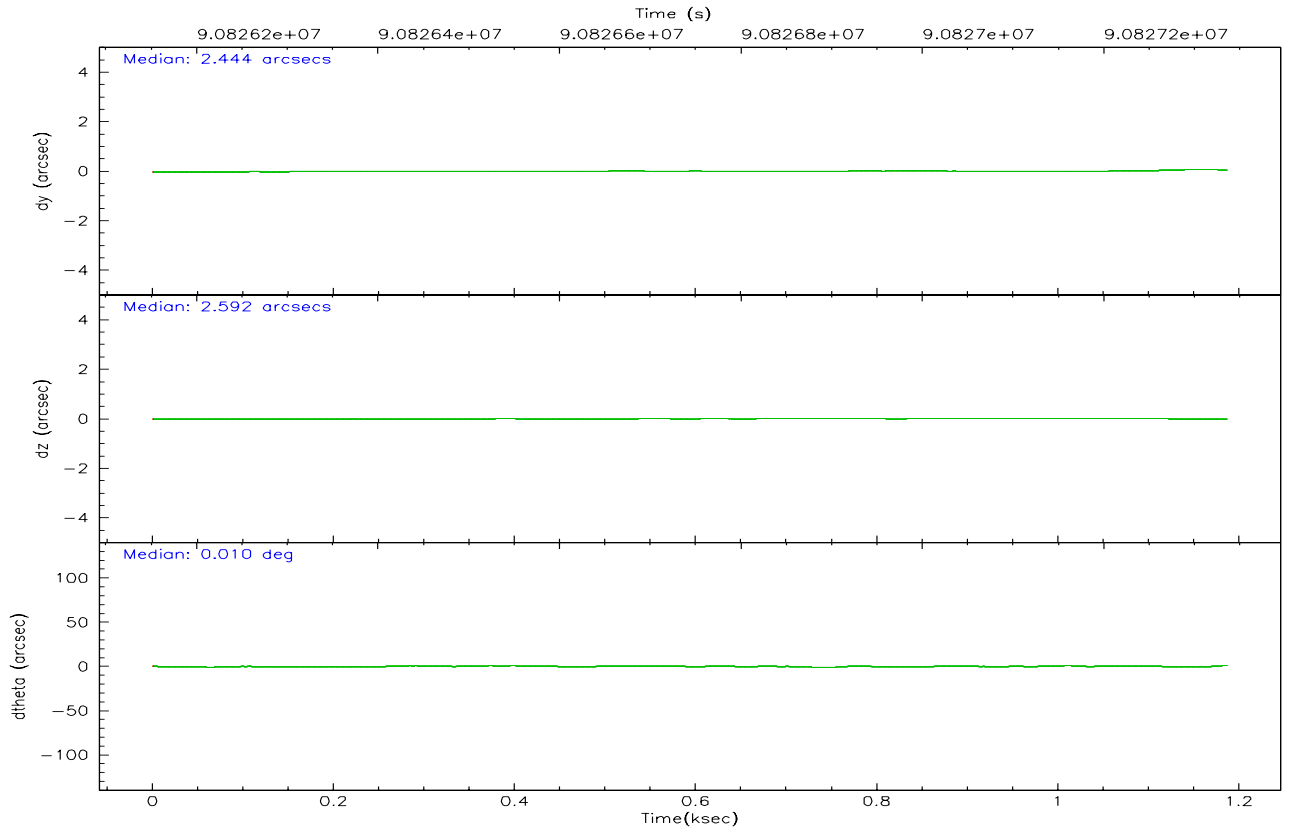
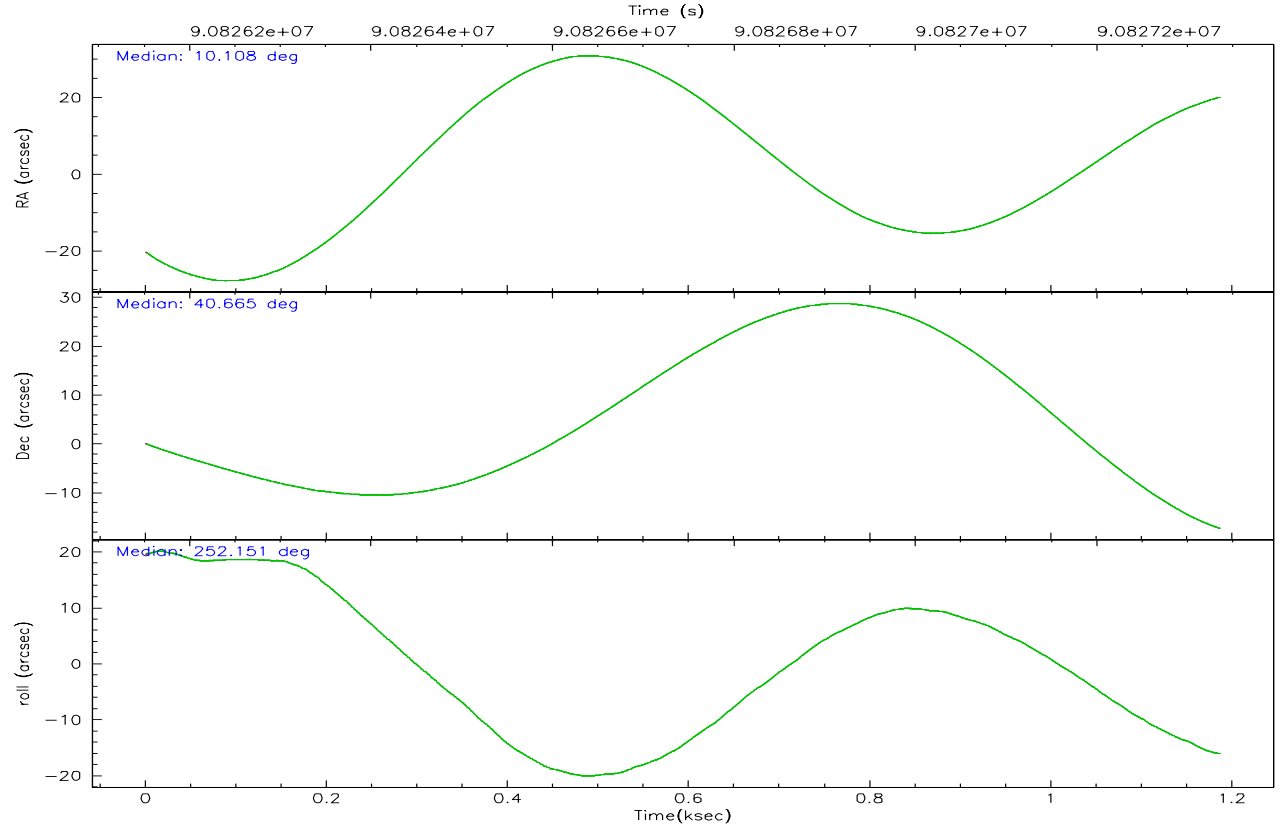
	segment 0
level 1 events	56413
rejected events	10893
rejected %	19%

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	10.100595	10.107983024276			
Pointing Dec	40.693198	40.66649488626973			
Pointing Roll	252.259592	252.1593596317282			
SIM focus pos (mm)	-1.040293	-1.038866356238299			
SIM defocus (mm)	0	0.001426264420575141			
SIM translation stage pos (mm)	126.985494	126.9804656746847			
SIM translation stage offset (mm)	0	0.005023216916882234			
Observation start time	90826340.184000	90825964.47840101			
Observation start date	2000-11-17T05:31:16	2000-11-17T05:26:04			
Observation end time	90827340.184000	90828276.365989			
Observation end date	2000-11-17T05:47:56	2000-11-17T06:04:36			

2.3 Aspect



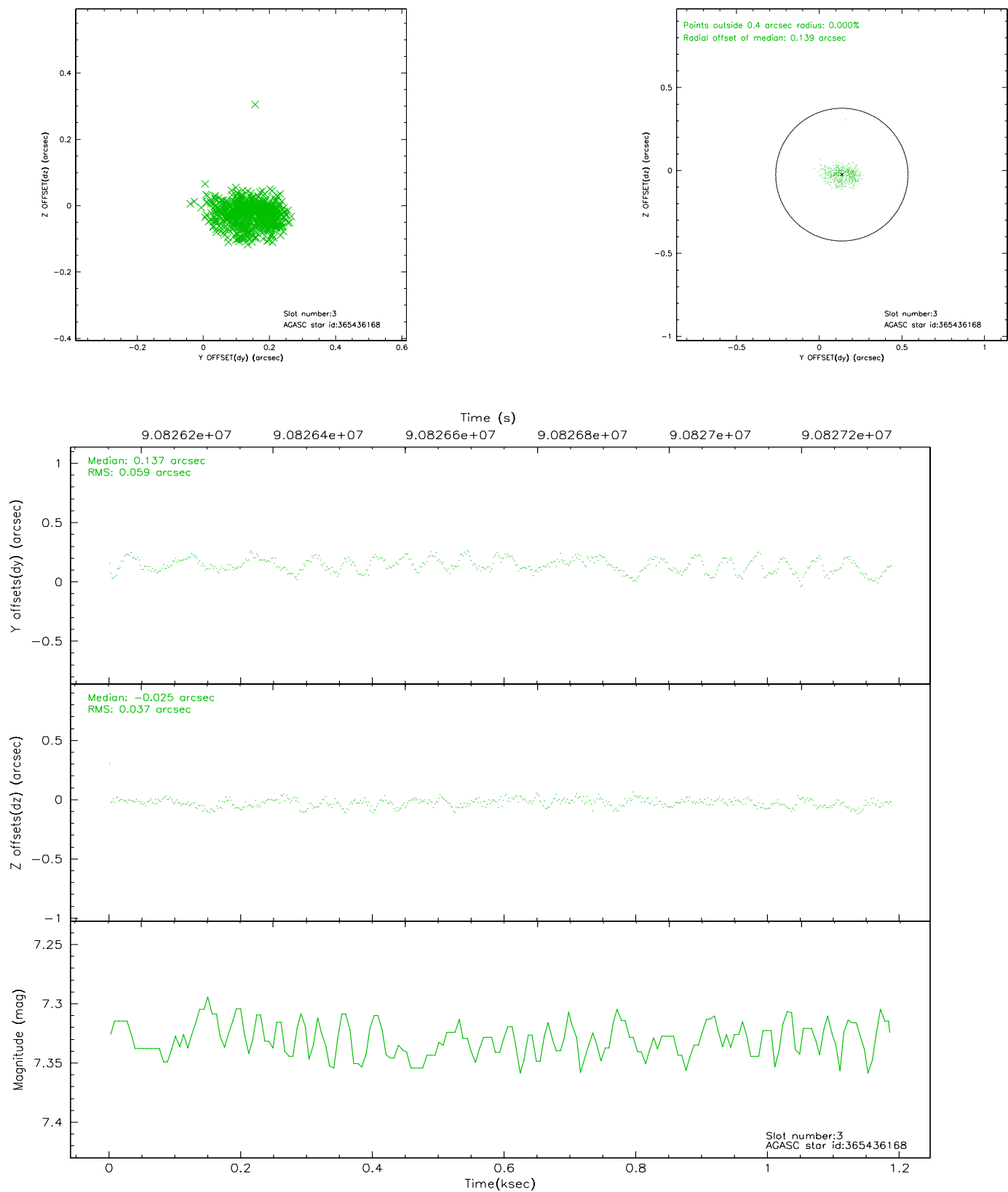


Slot Statistics

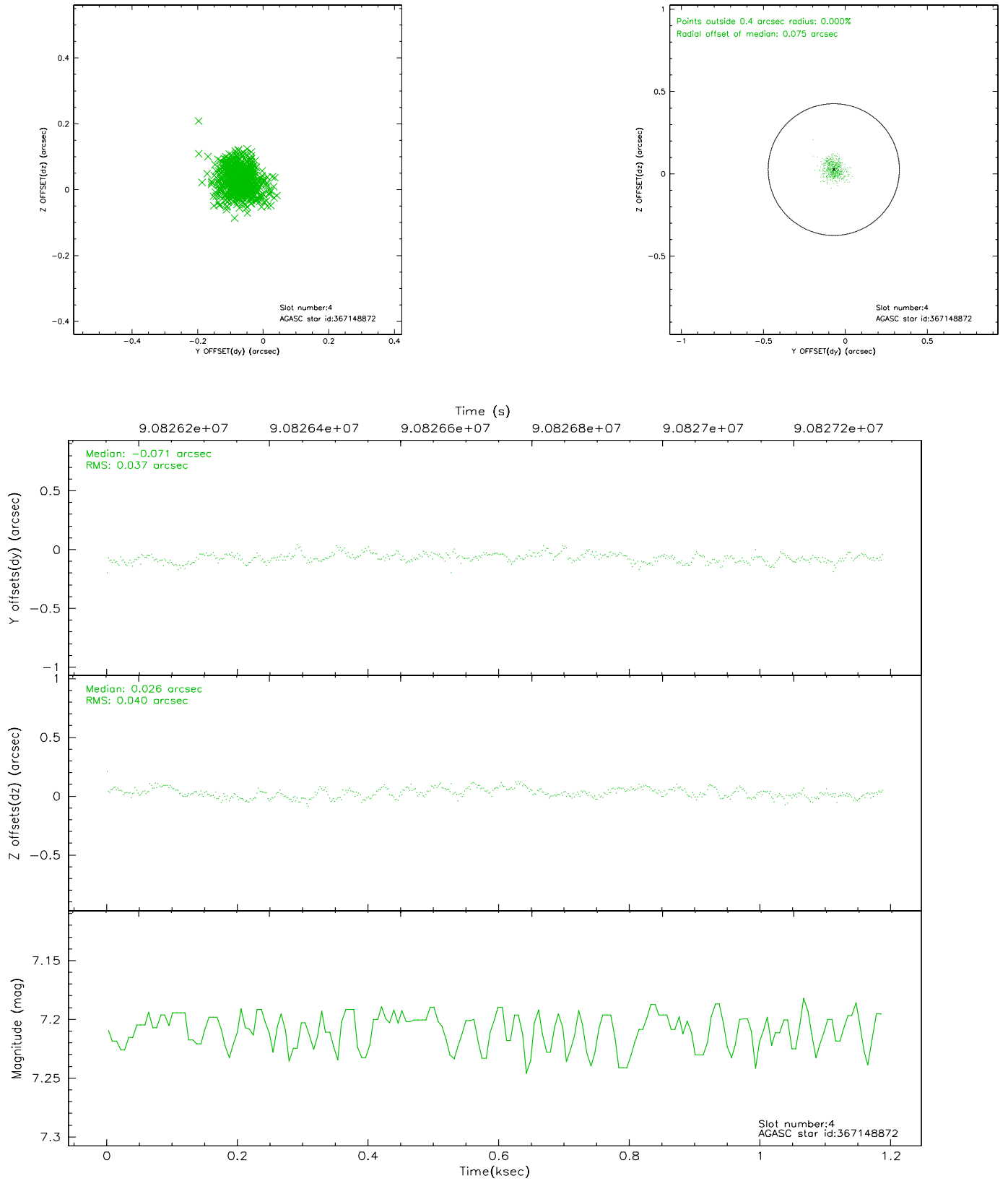
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	290	0.073	0.005	0.007	0.011	0.000000	0.000000	-757.87	-1290.23
1	FID	HRC-I-3	7.05	290	0.012	-0.025	0.007	0.012	0.000000	0.000000	-1188.97	1009.87
2	FID	HRC-I-4	6.99	290	0.030	-0.069	0.005	0.008	0.000000	0.000000	1280.85	1015.28
3	GUIDE	365436168	7.33	580	0.137	-0.025	0.075	0.113	9.360006	40.332380	1848.15	-1540.64
4	GUIDE	367148872	7.21	580	-0.071	0.026	0.058	0.094	10.505940	40.688258	-320.18	1057.56
5	GUIDE	365439720	8.47	580	0.075	-0.012	0.059	0.097	9.704623	40.431022	1226.33	-742.94
6	GUIDE	367144424	8.65	580	-0.020	-0.015	0.059	0.096	10.464515	40.309136	1011.86	1372.77
7	GUIDE	365431072	9.00	579	-0.123	0.008	0.086	0.133	9.376278	41.092224	-775.73	-2307.89

2.4 Star Slots

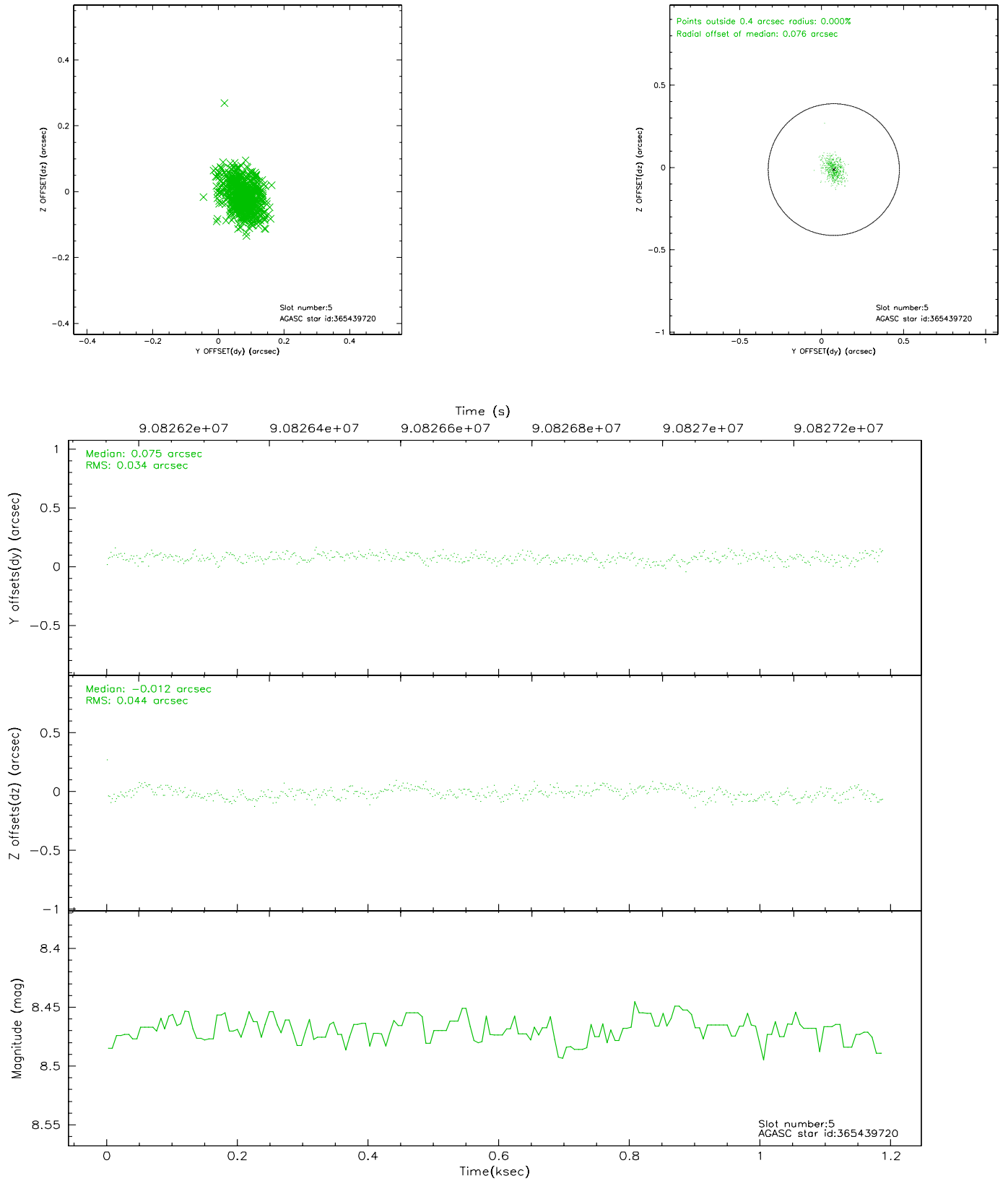
2.4.1 Slot 3



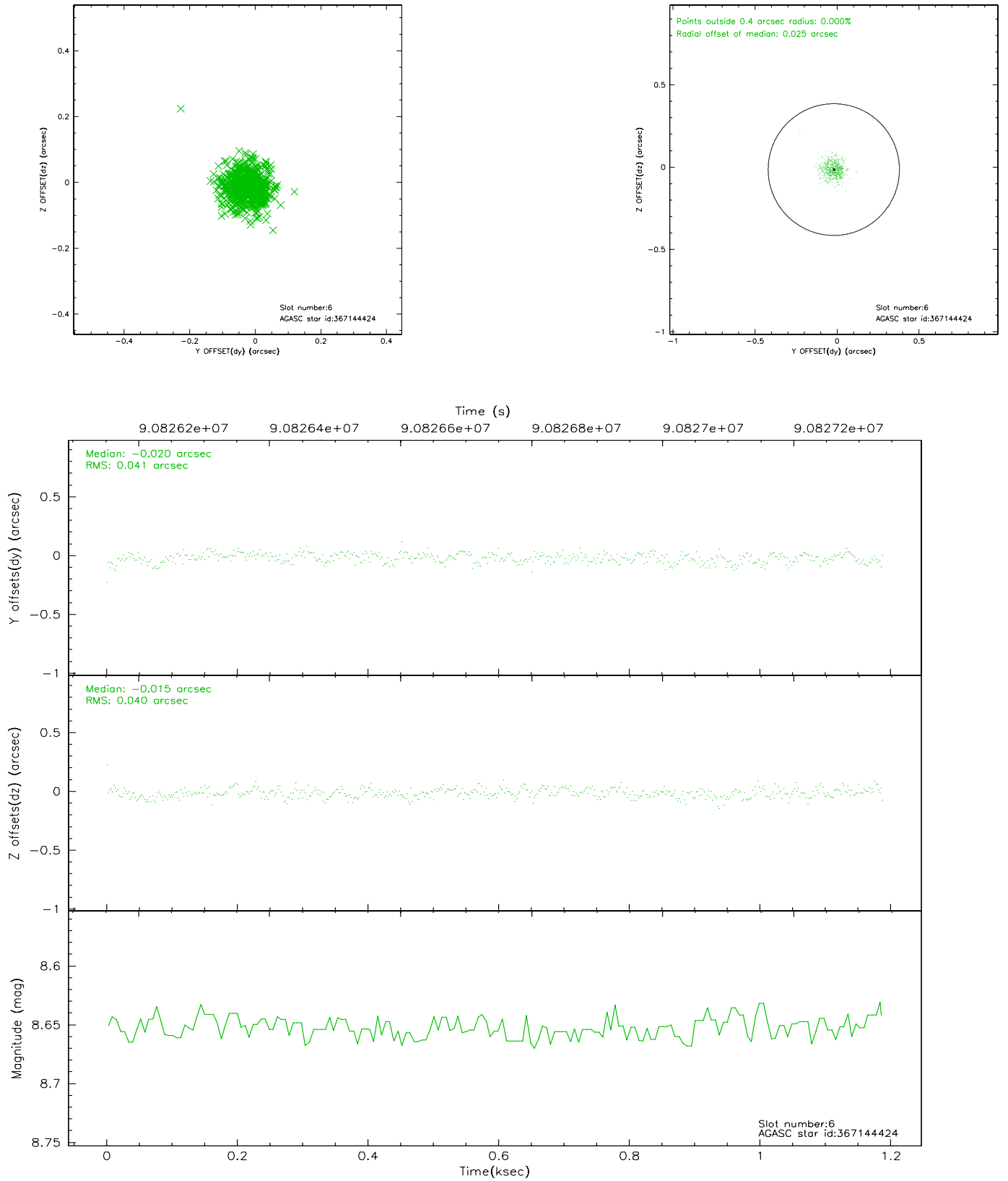
2.4.2 Slot 4



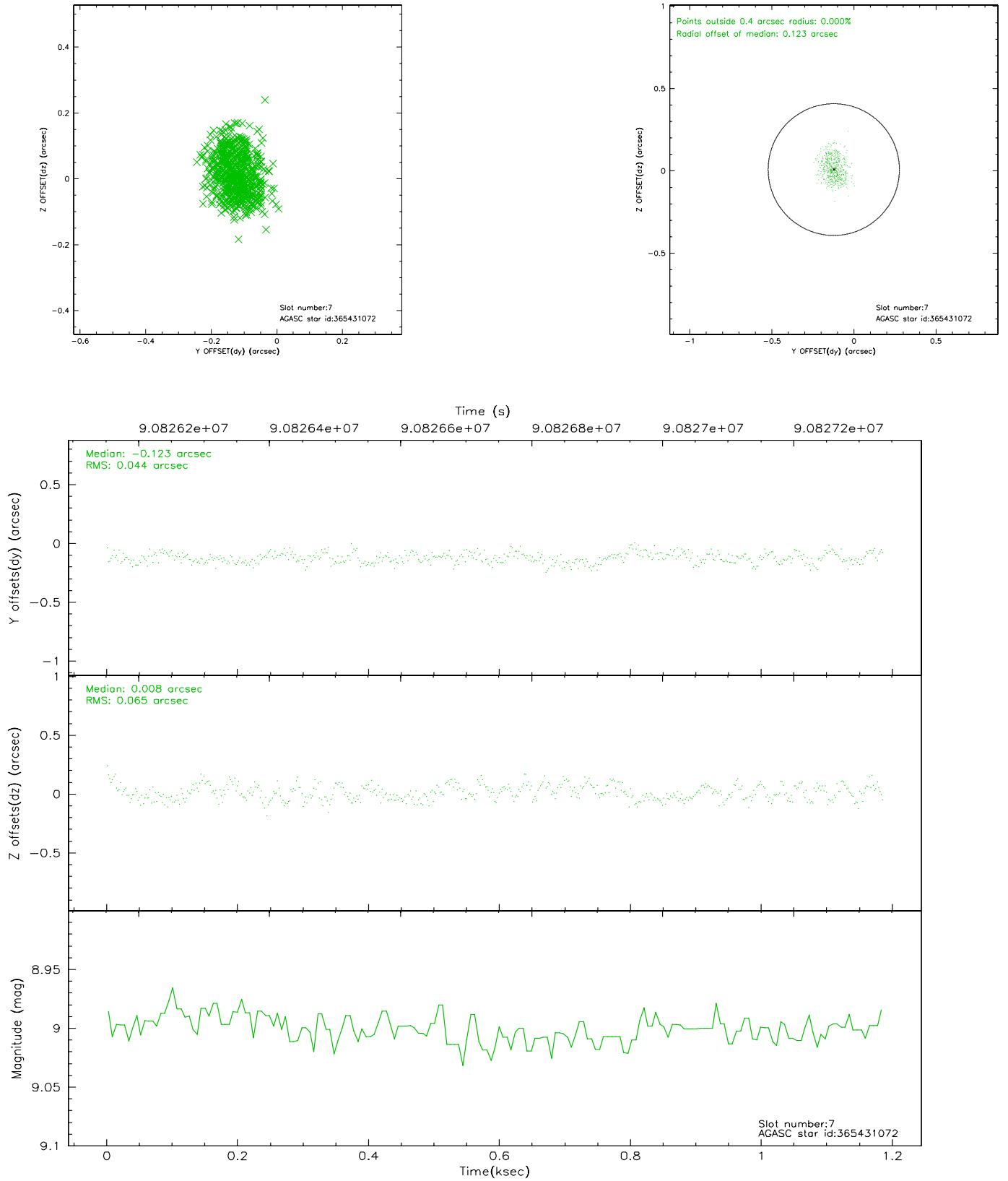
2.4.3 Slot 5



2.4.4 Slot 6

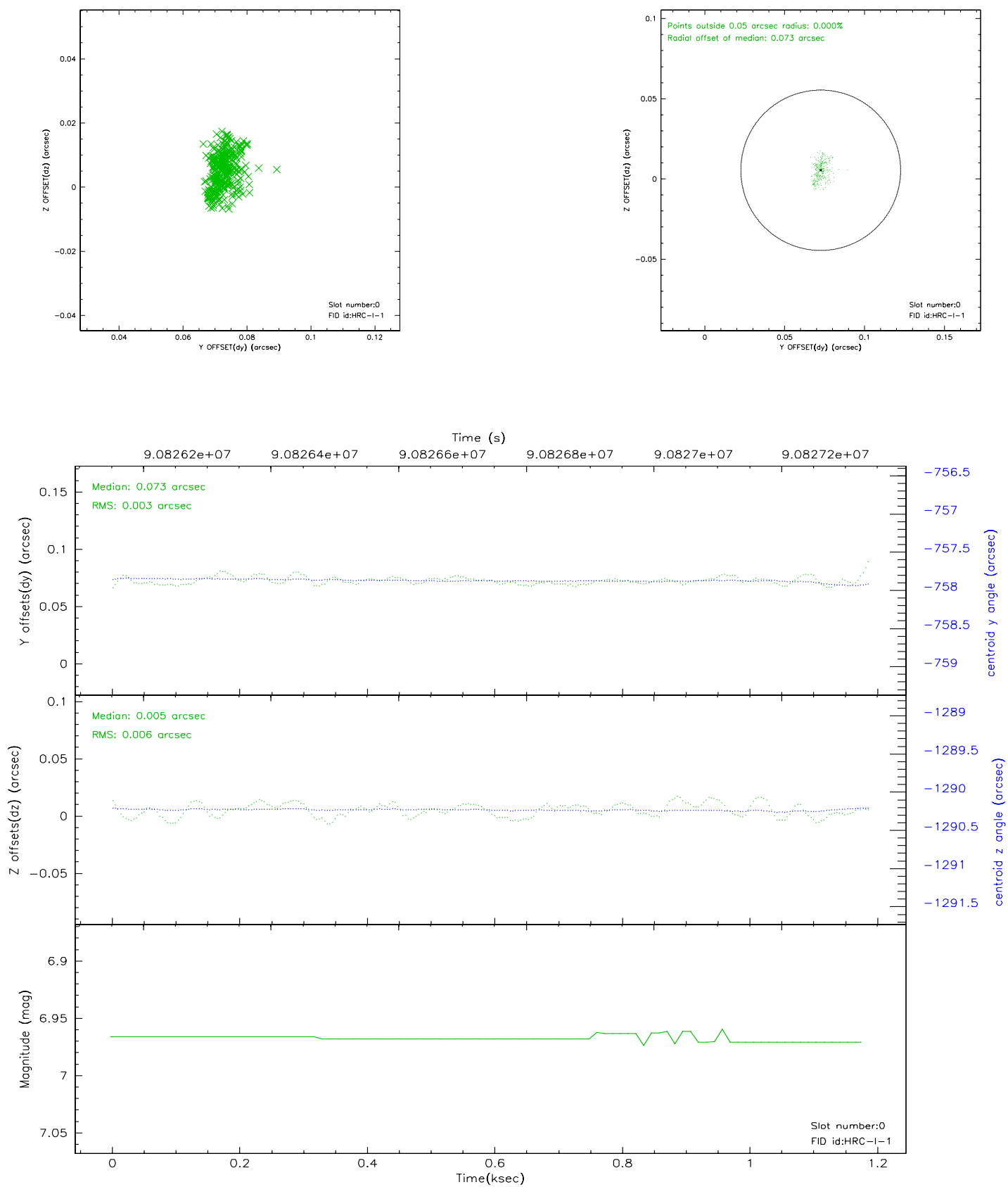


2.4.5 Slot 7

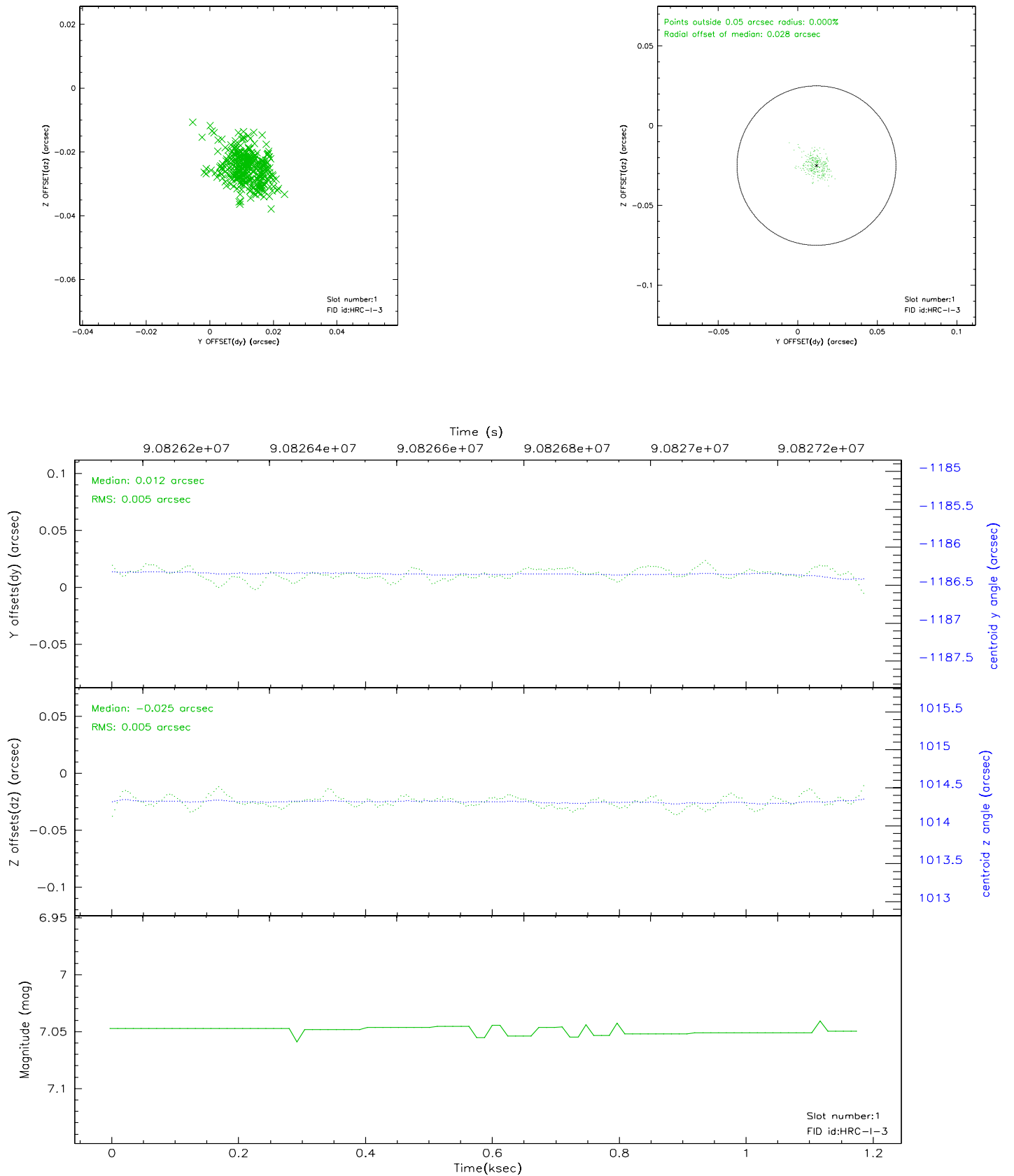


2.5 FID Slots

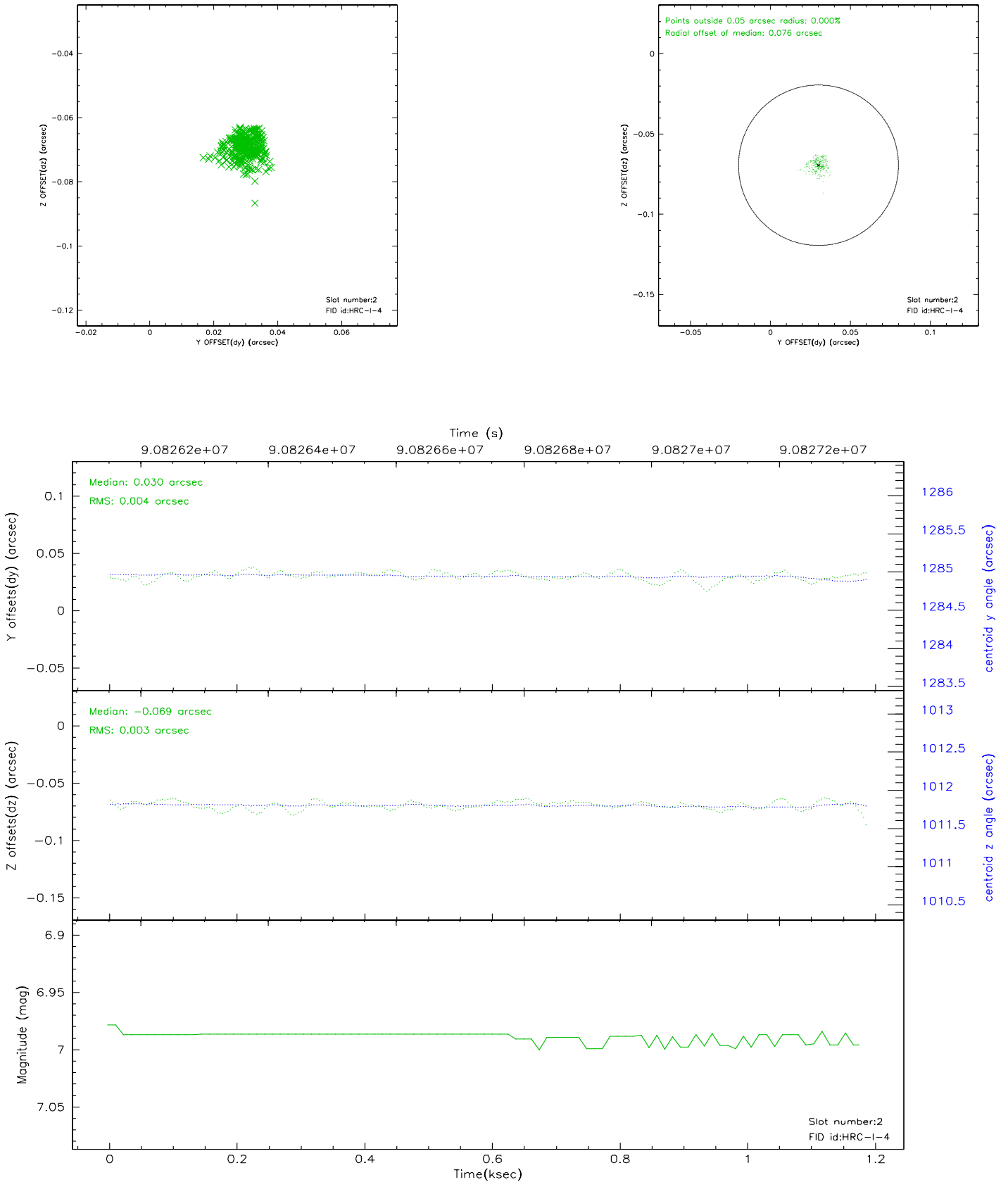
2.5.1 Slot 0



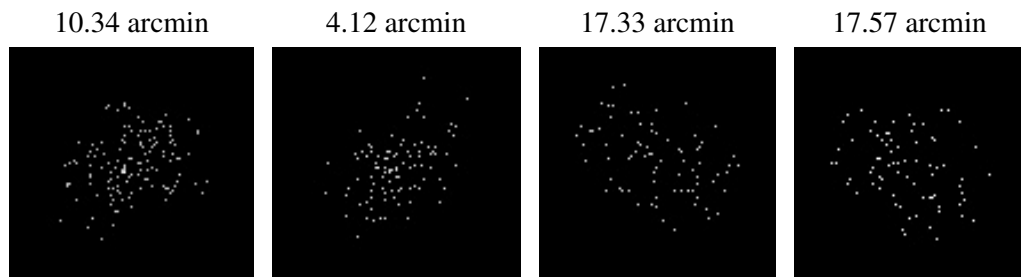
2.5.2 Slot 1



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	1.186

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.