

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 266 - L2 Version 5
Chandra X-Ray Center

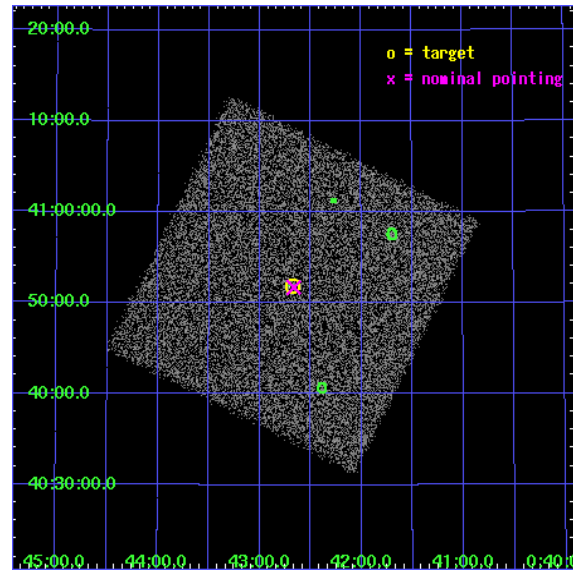
L2 Processing Date : Nov 20 2007

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1 Front

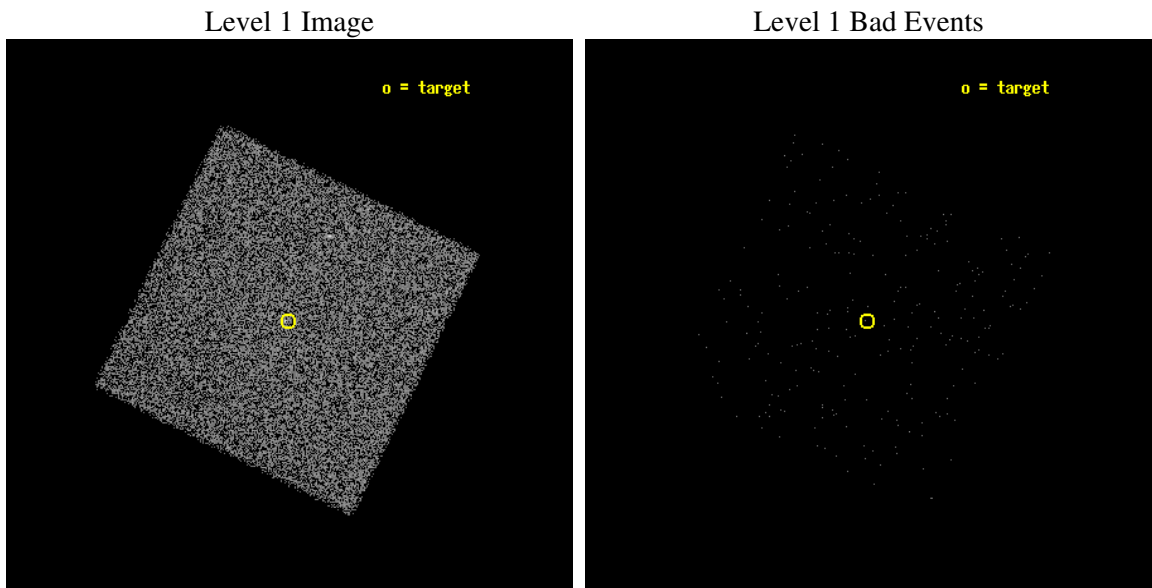
seq_num	600026
obs_id	266
title	MONITORING M31
observer	Dr. Stephen Murray
object	M31 - South 1
ra_targ	10.67
dec_targ	40.865
ra_nom	10.666057698112
dec_nom	40.862245146491
roll_nom	251.42338774775
revision	5
ontime	1186.1812952757
livetime	1180.4436321919
l2events	31827



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	2007-11-21T03:21:42
revision	4

sched_exp_time	1000.000000
ontime	1186.1812952757
l1events	58509

2.1.3 Events

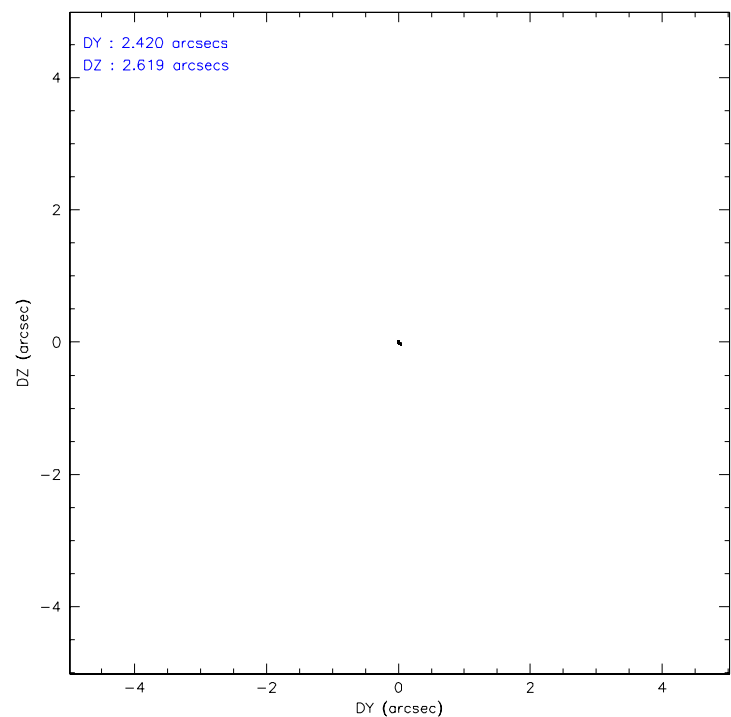
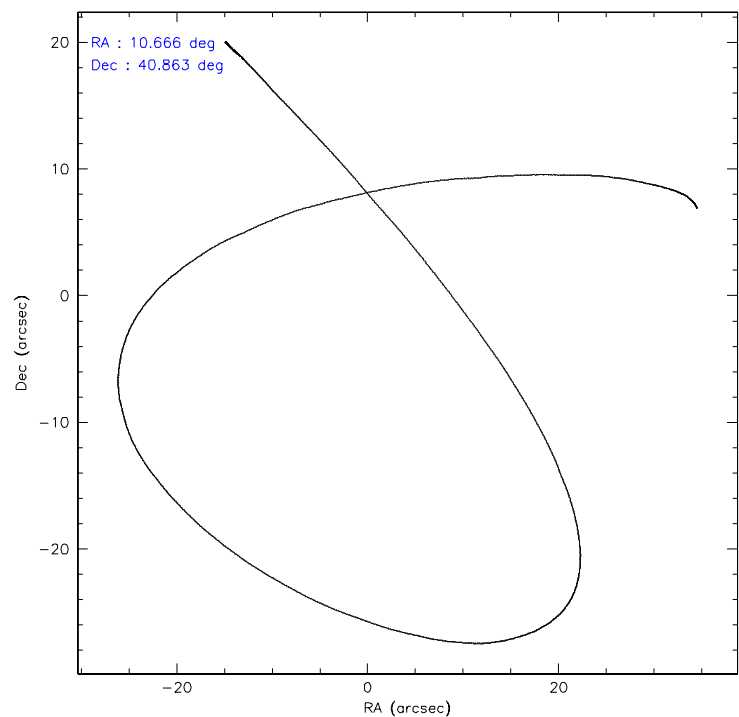
Level 1 Events

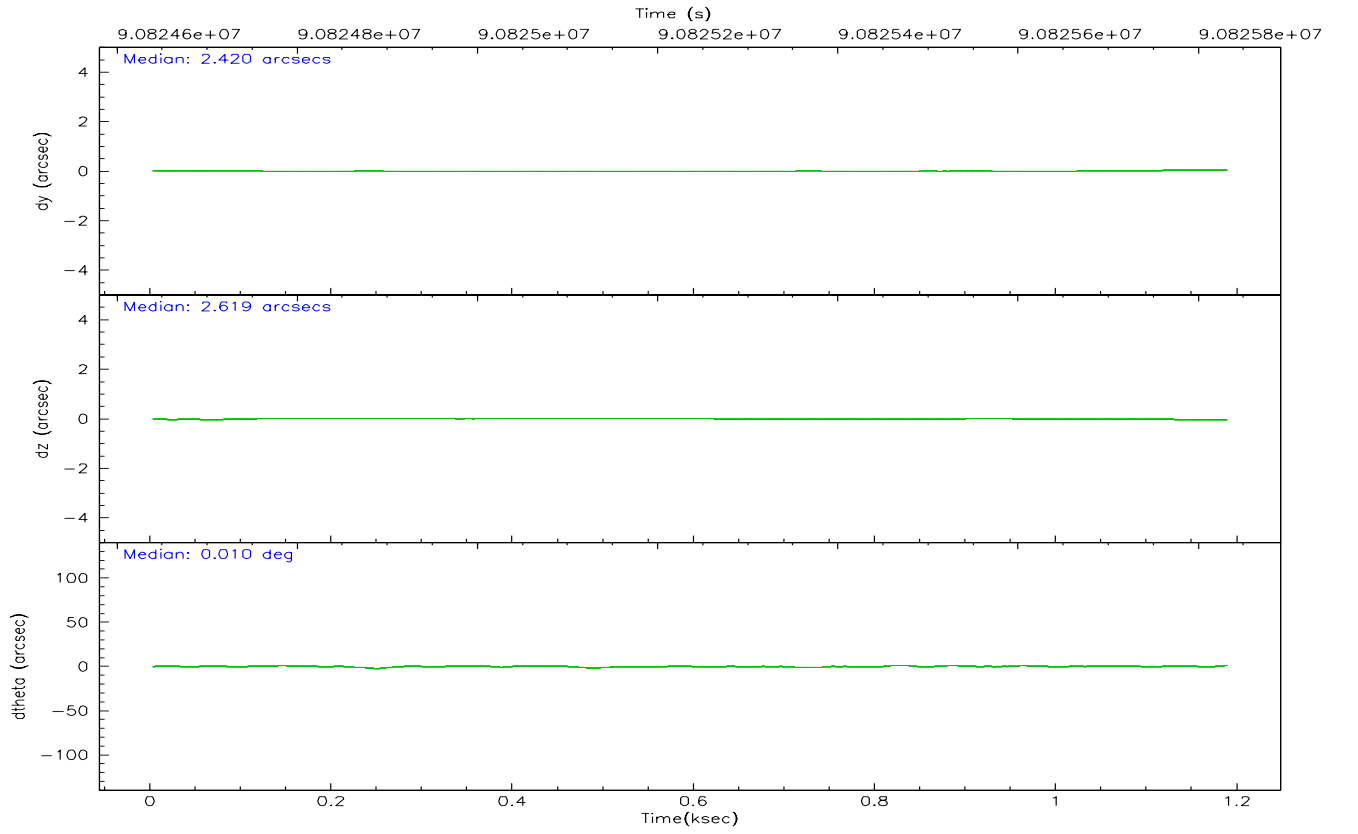
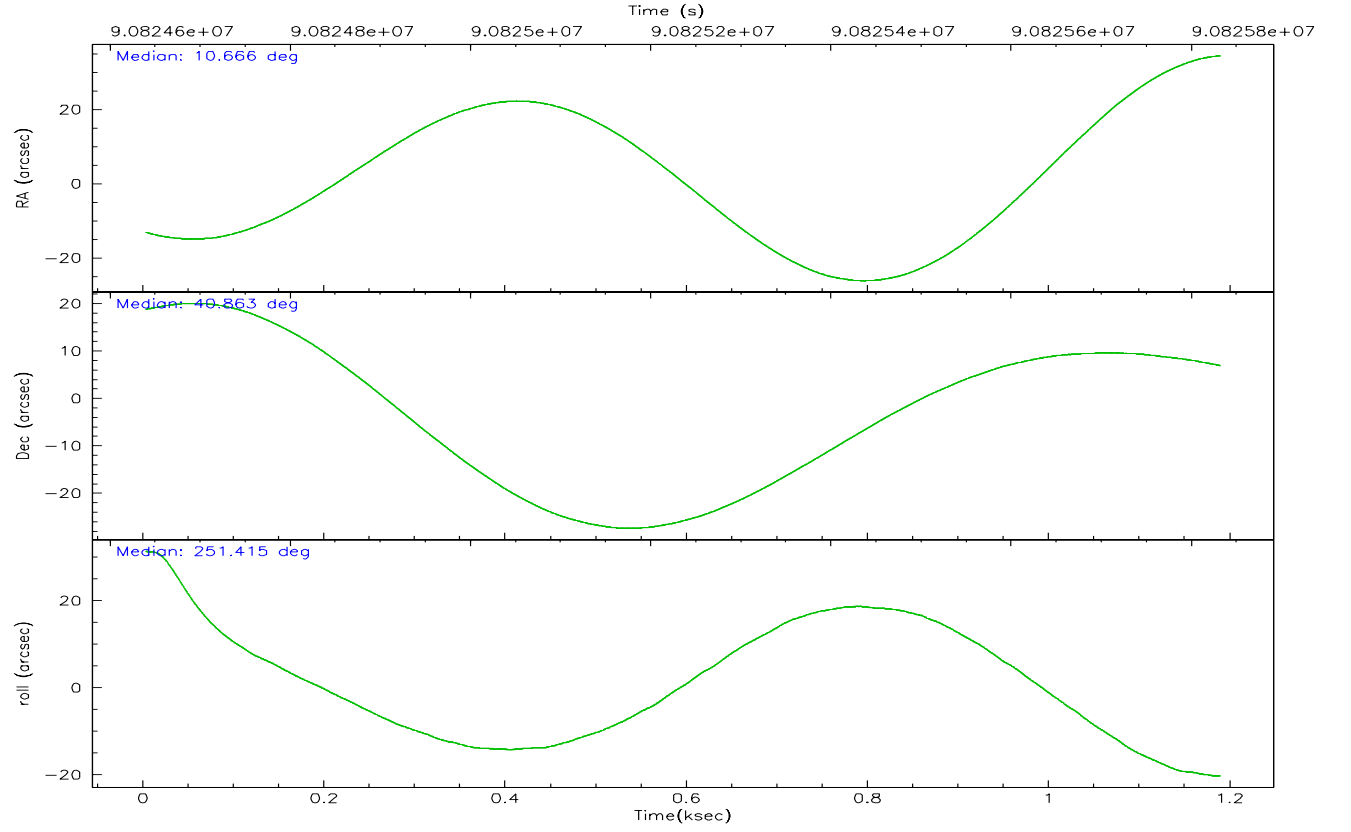
	segment 0
level 1 events	58509
rejected events	12432
rejected %	21%

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	10.658452	10.66605769811212			
Pointing Dec	40.888291	40.86224514649094			
Pointing Roll	251.523768	251.4233877477507			
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	90824830.184000	90824454.65334301			
Observation start date	2000-11-17T05:06:06	2000-11-17T05:00:54			
Observation end time	90825830.184000	90825964.47840101			
Observation end date	2000-11-17T05:22:46	2000-11-17T05:26:04			

2.3 Aspect



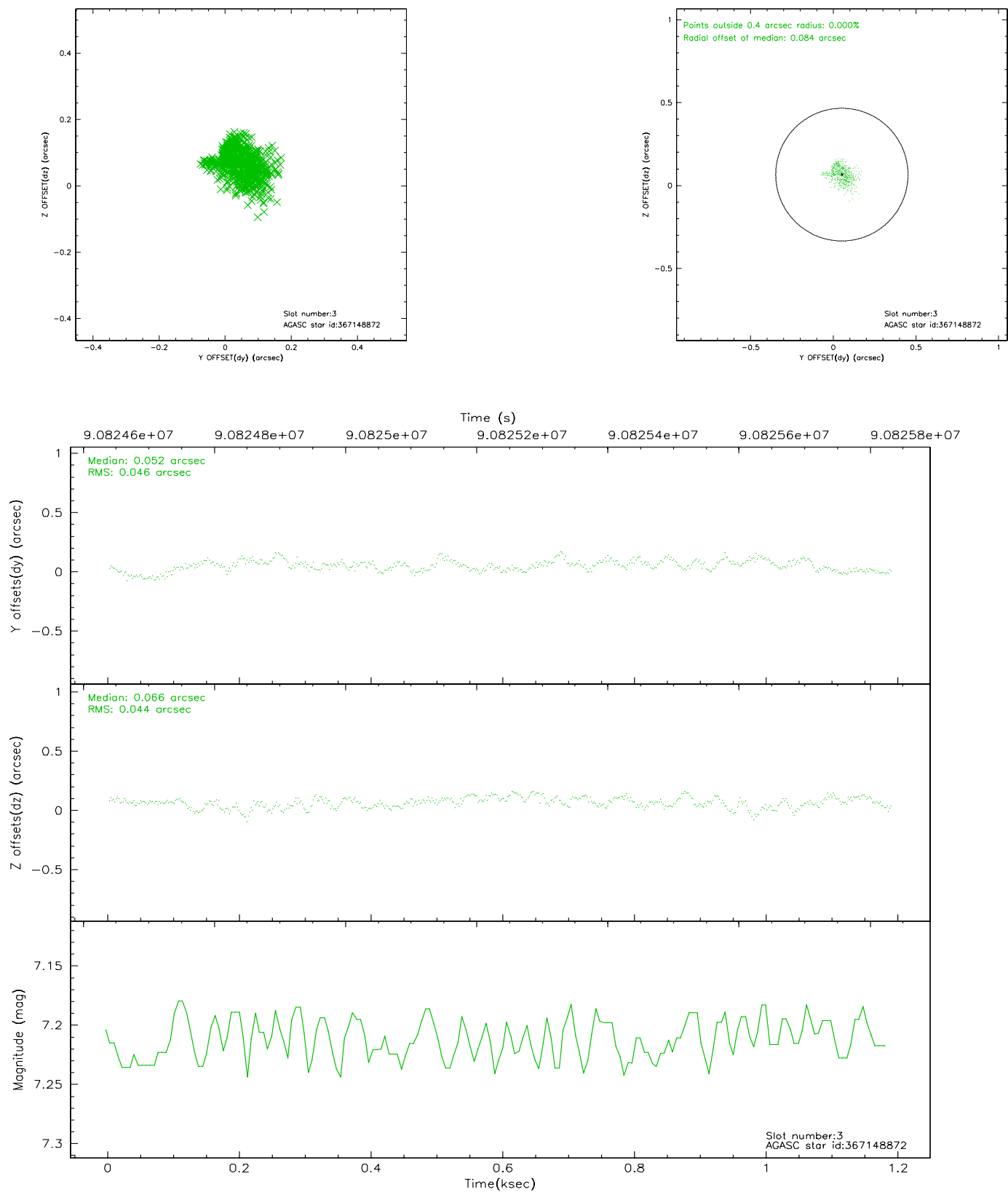


Slot Statistics

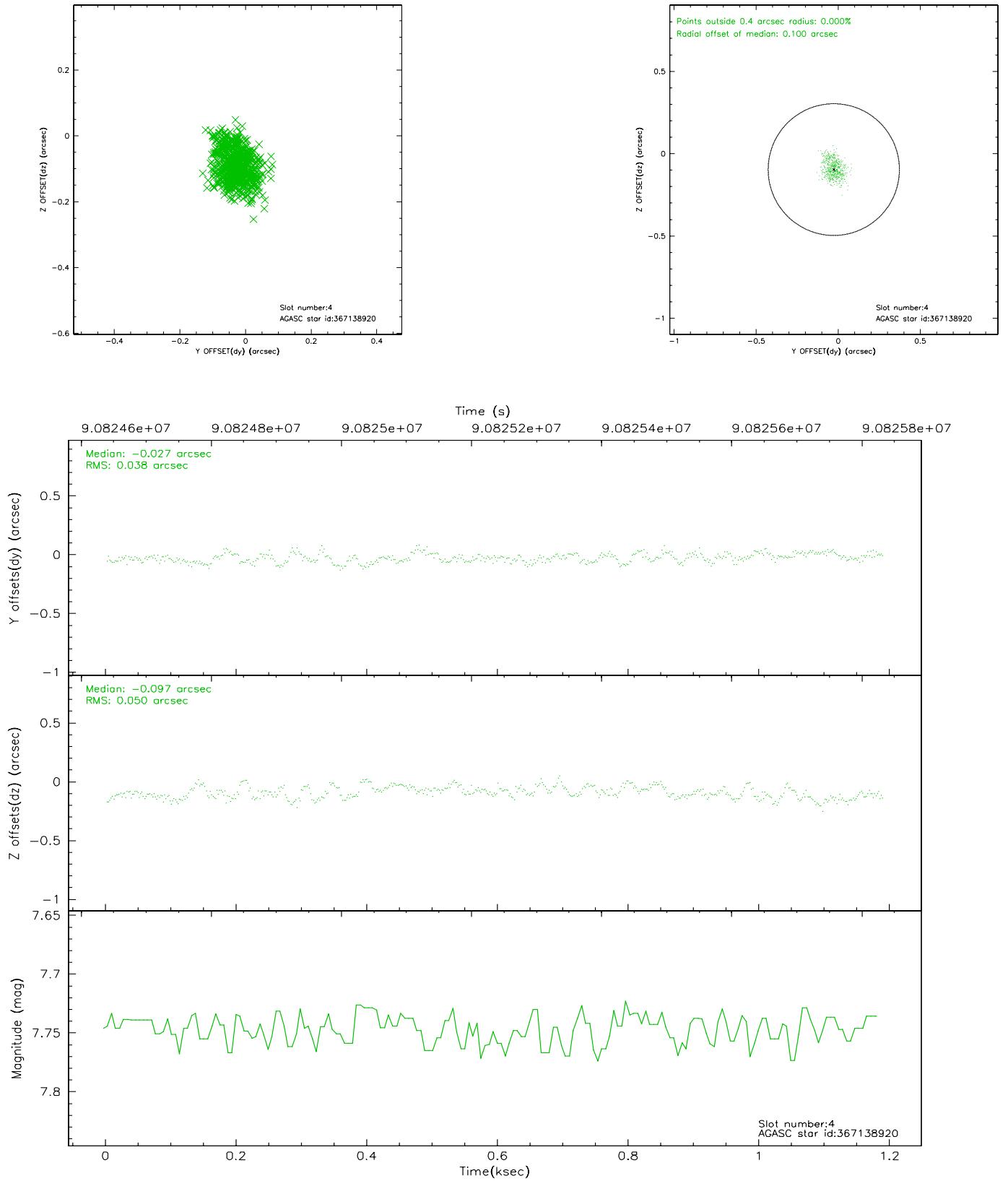
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	290	0.046	0.009	0.005	0.009	0.000000	0.000000	-757.88	-1290.25
1	FID	HRC-I-2	7.00	290	0.069	-0.036	0.006	0.010	0.000000	0.000000	852.16	-1296.36
2	FID	HRC-I-4	6.99	290	0.001	-0.066	0.005	0.011	0.000000	0.000000	1287.88	1007.31
3	GUIDE	367148872	7.21	580	0.052	0.066	0.068	0.109	10.505940	40.688258	817.16	-165.68
4	GUIDE	367138920	7.75	580	-0.027	-0.097	0.069	0.108	11.513485	40.808909	-474.57	2297.20
5	GUIDE	367139768	7.98	580	-0.089	0.049	0.065	0.107	11.069715	40.685175	336.60	1300.70
6	GUIDE	365439720	8.50	580	0.036	-0.095	0.068	0.119	9.704623	40.431022	2379.57	-1958.52
7	GUIDE	367146616	8.86	579	0.035	0.059	0.077	0.128	11.418645	41.190163	-1685.59	1603.44

2.4 Star Slots

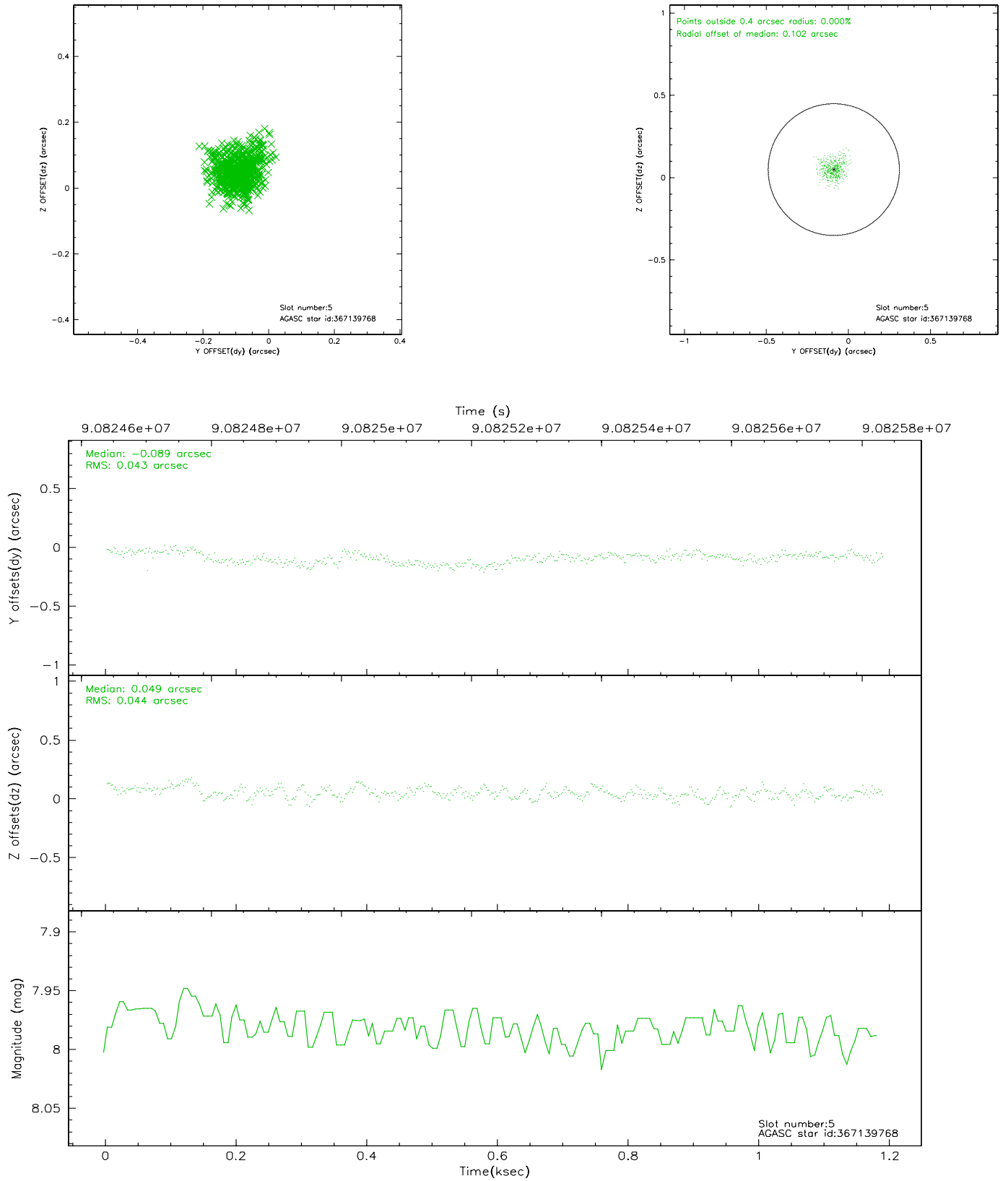
2.4.1 Slot 3



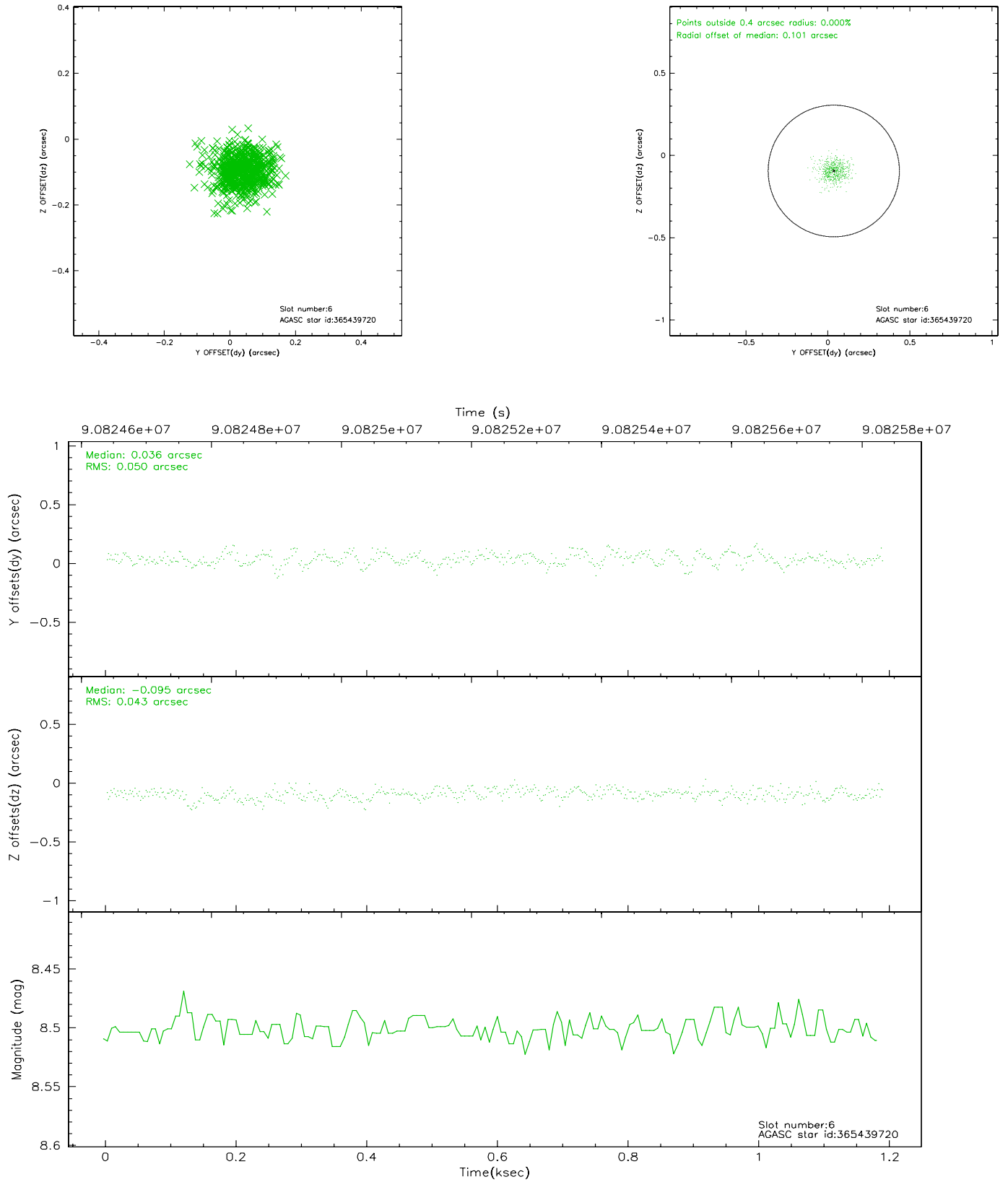
2.4.2 Slot 4



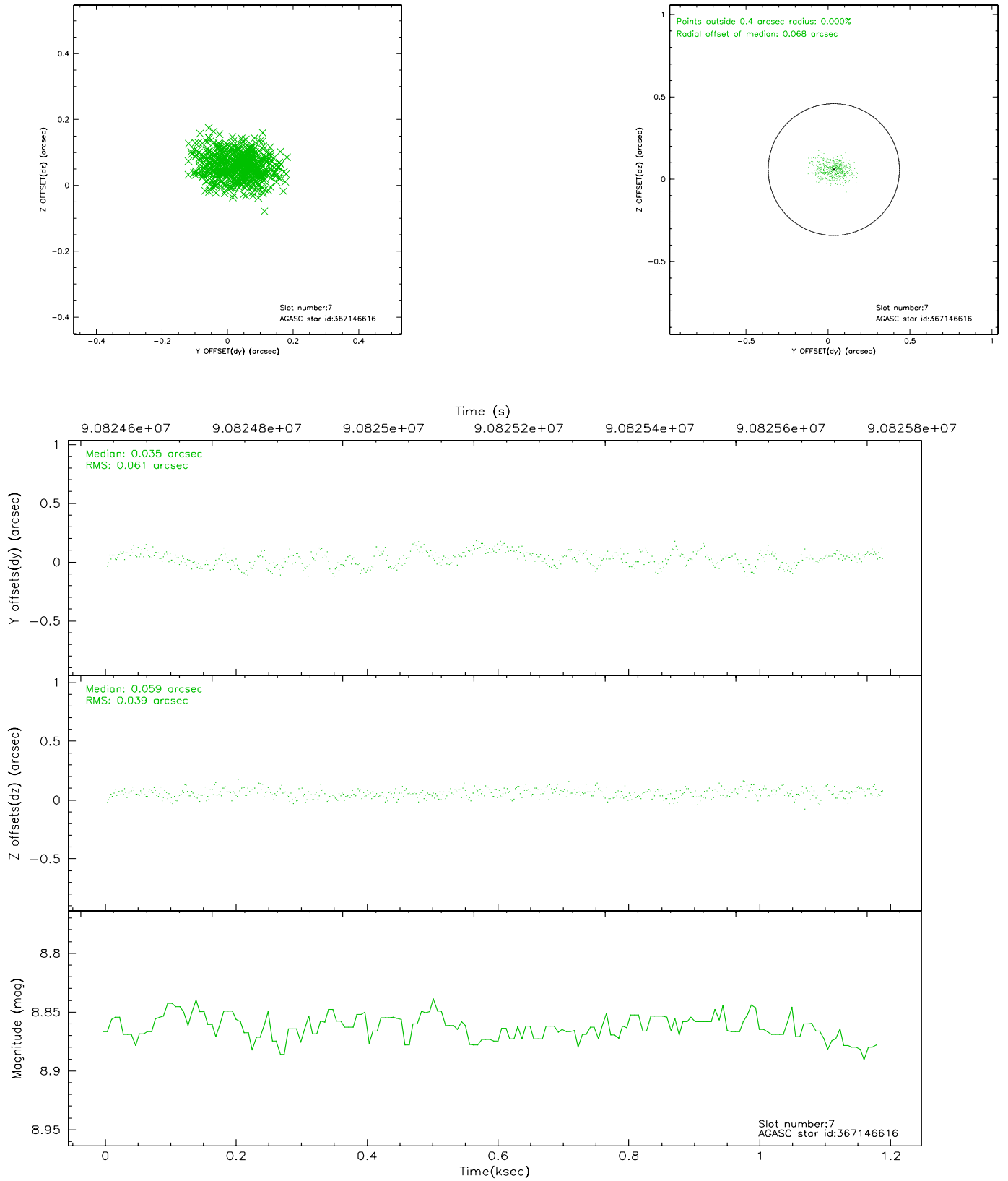
2.4.3 Slot 5



2.4.4 Slot 6

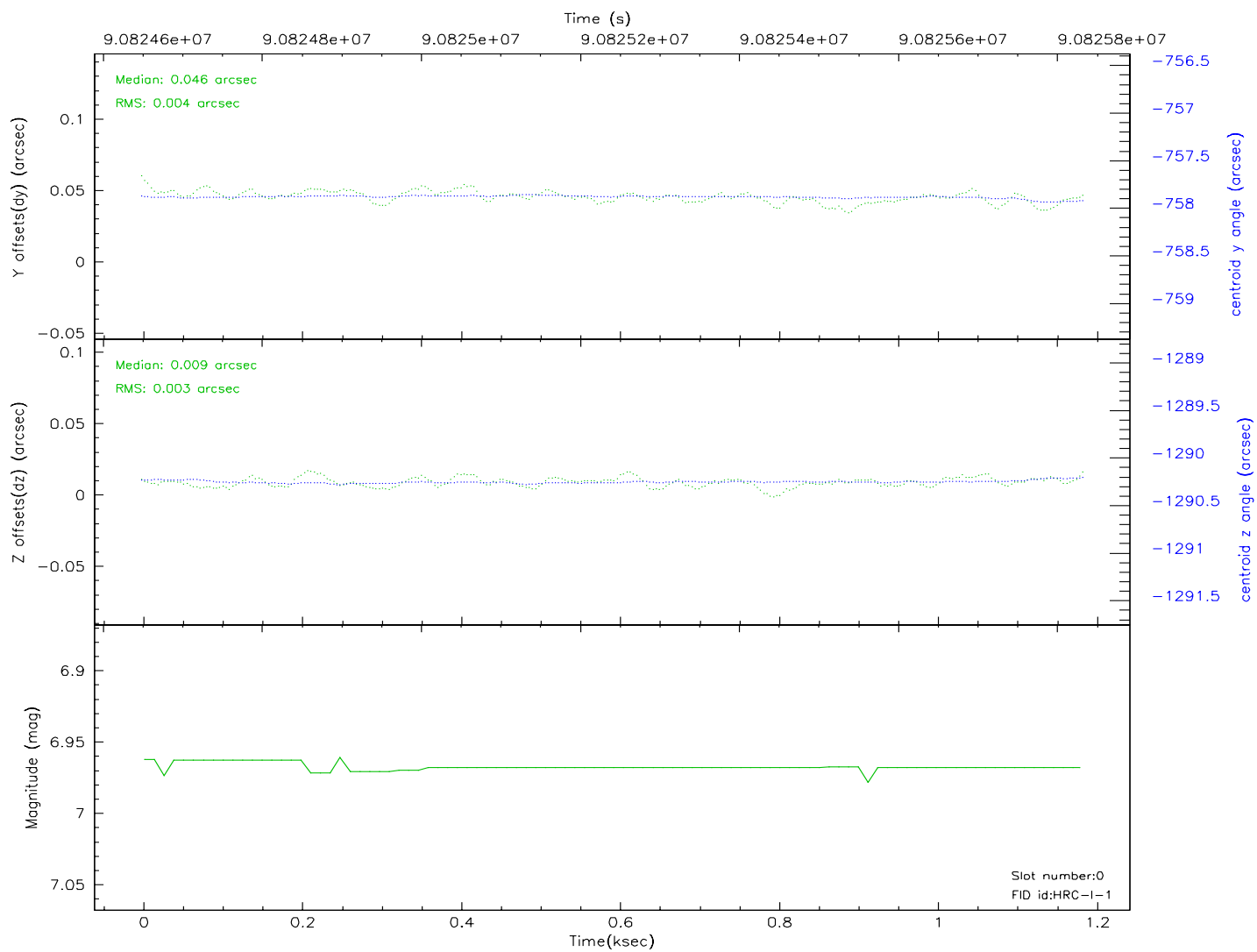
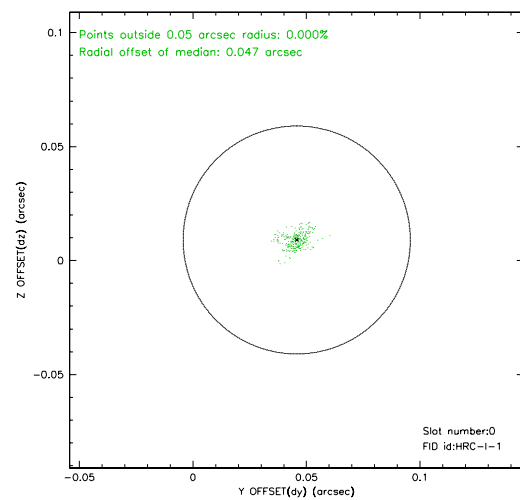
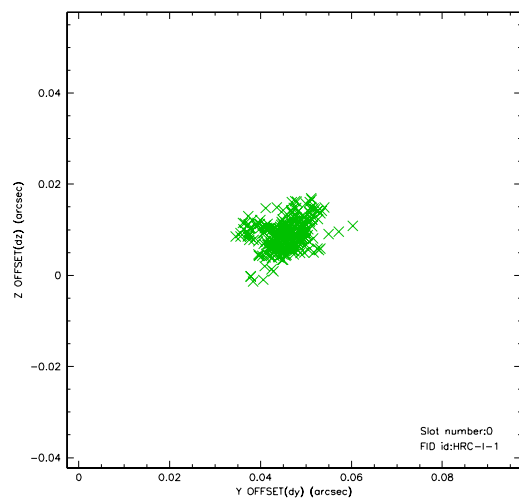


2.4.5 Slot 7

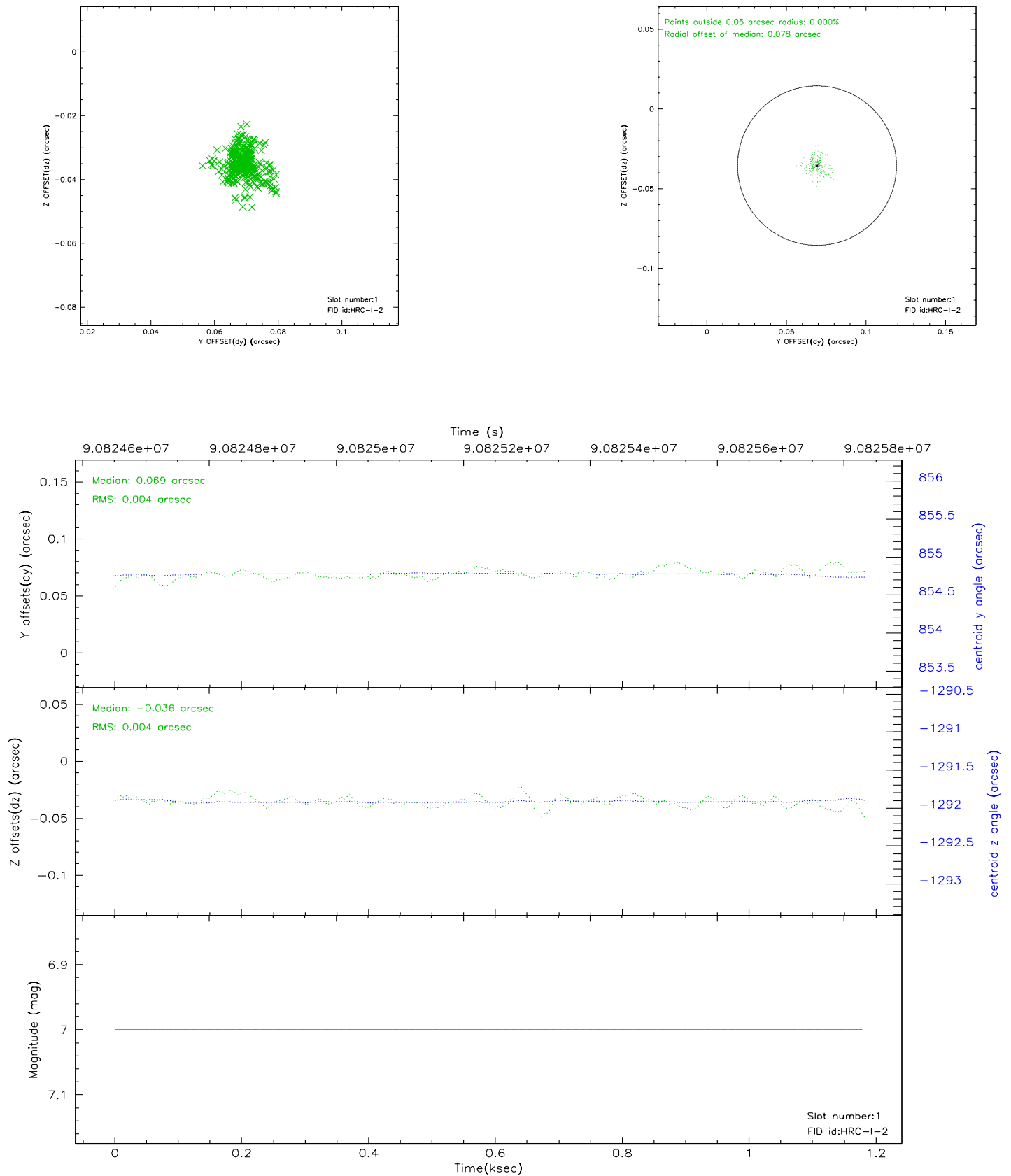


2.5 FID Slots

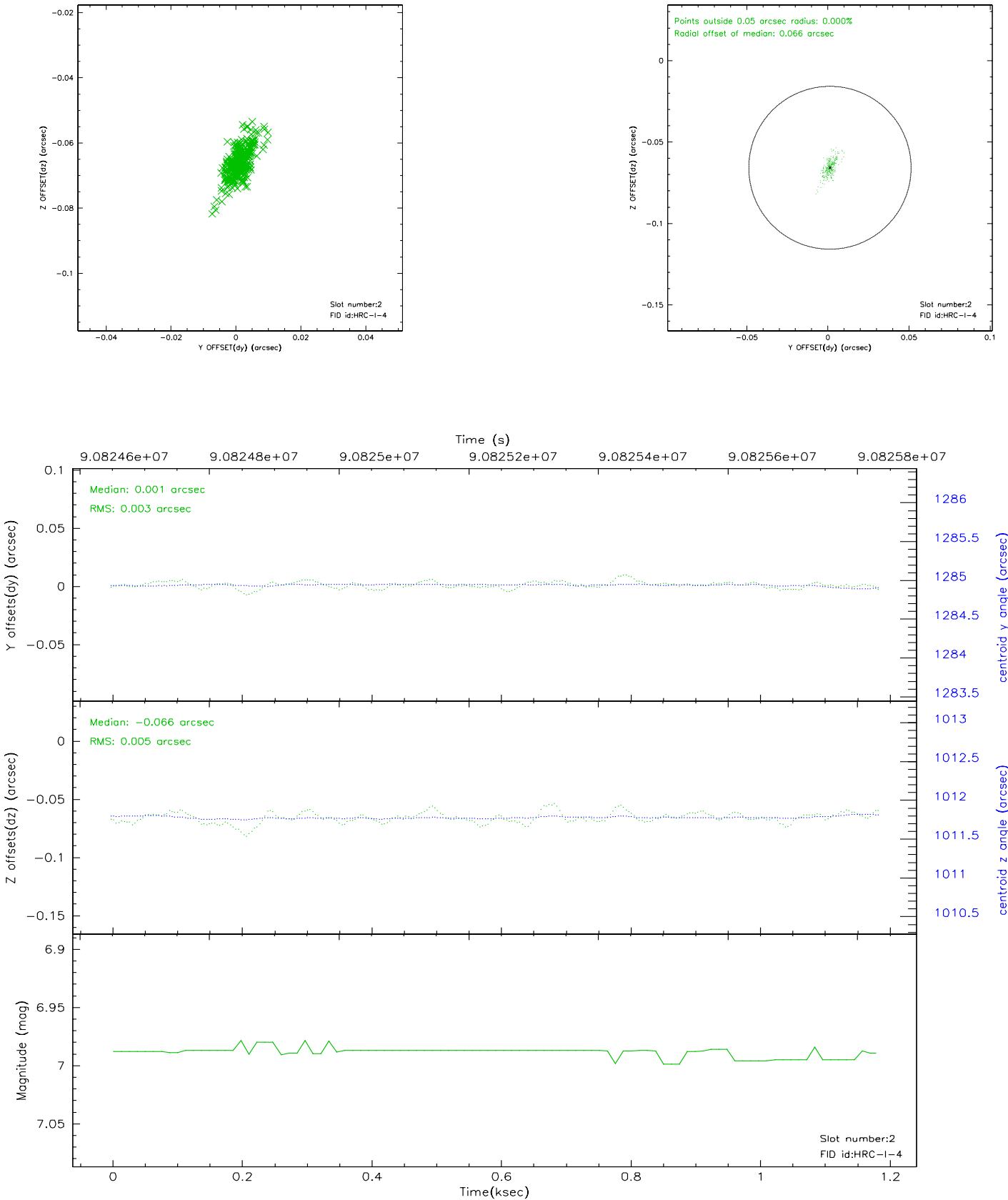
2.5.1 Slot 0



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.