

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 302 - L2 Version 5
Chandra X-Ray Center

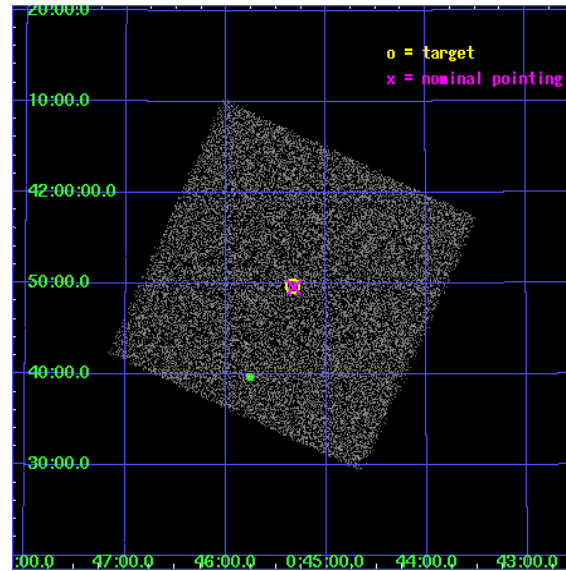
L2 Processing Date : Nov 20 2007

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1 Front

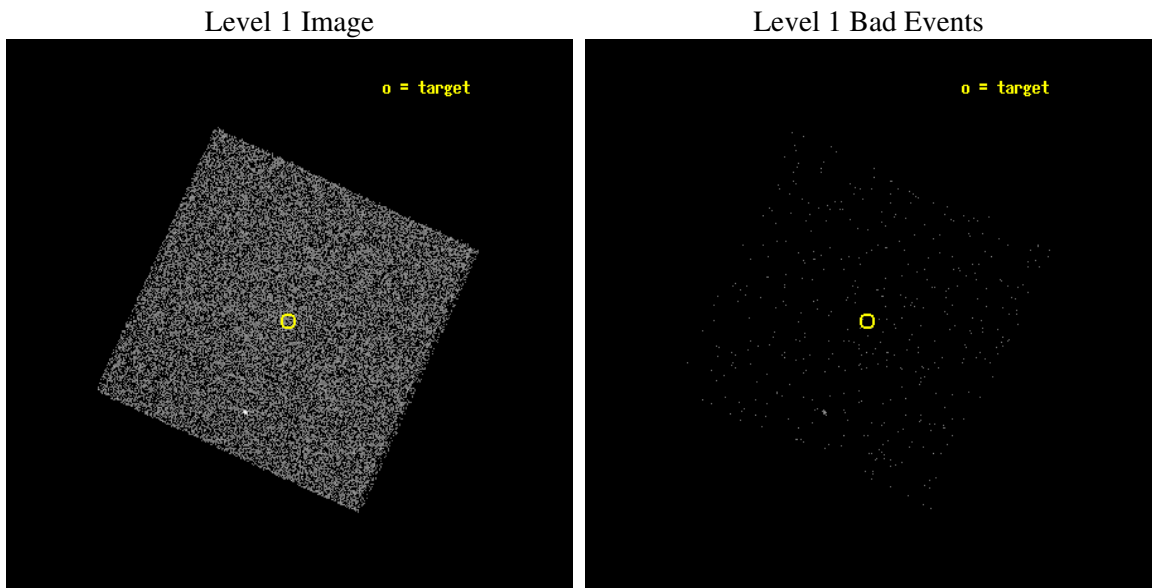
seq_num	600062
obs_id	302
title	MONITORING M31
observer	Dr. Stephen Murray
object	M31 - North 2
ra_targ	11.333333
dec_targ	41.829722
ra_nom	11.330194674833
dec_nom	41.82650205847
roll_nom	249.71783059093
revision	5
ontime	983.2312875241
livetime	978.4948488464
l2events	26073



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	2007-11-21T02:33:27
revision	5

sched_exp_time	1000.000000
ontime	983.2312875241
l1events	44687

2.1.3 Events

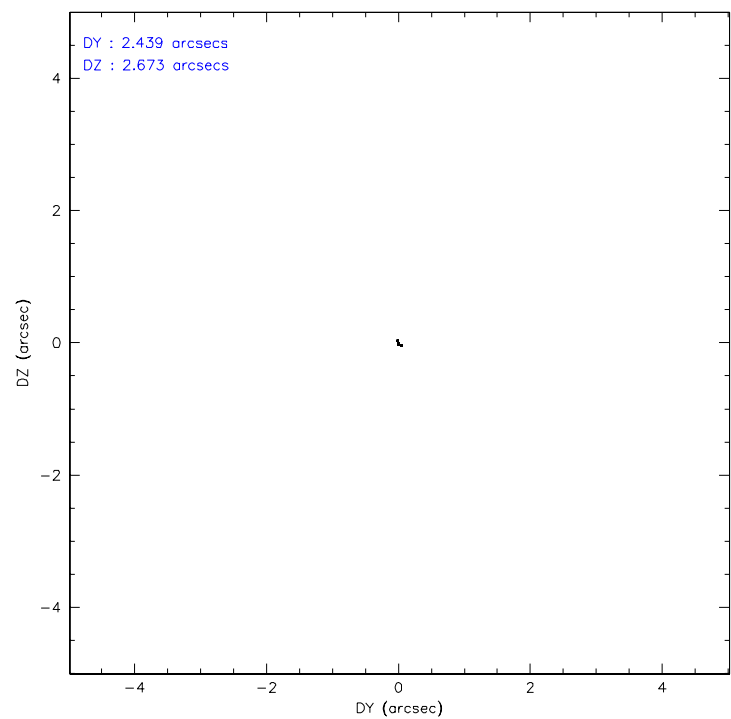
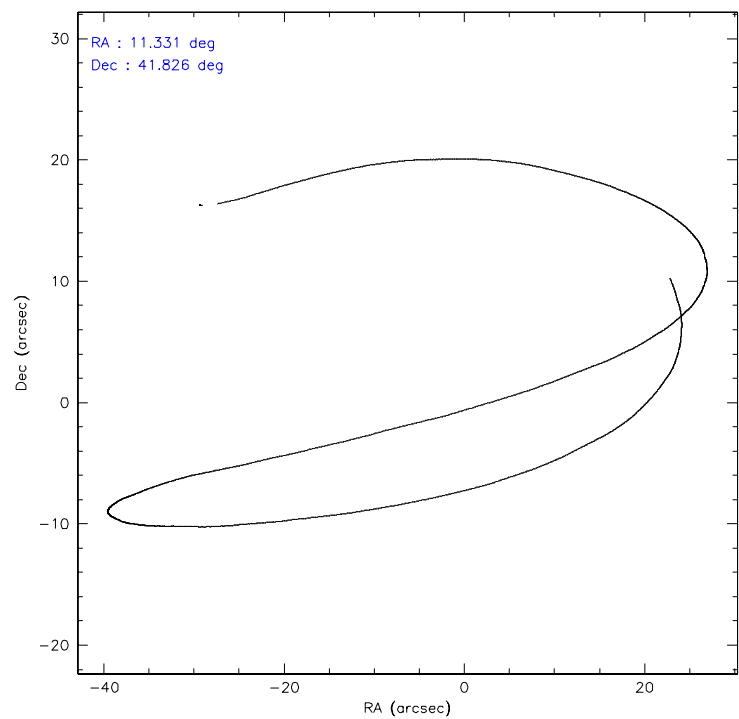
Level 1 Events

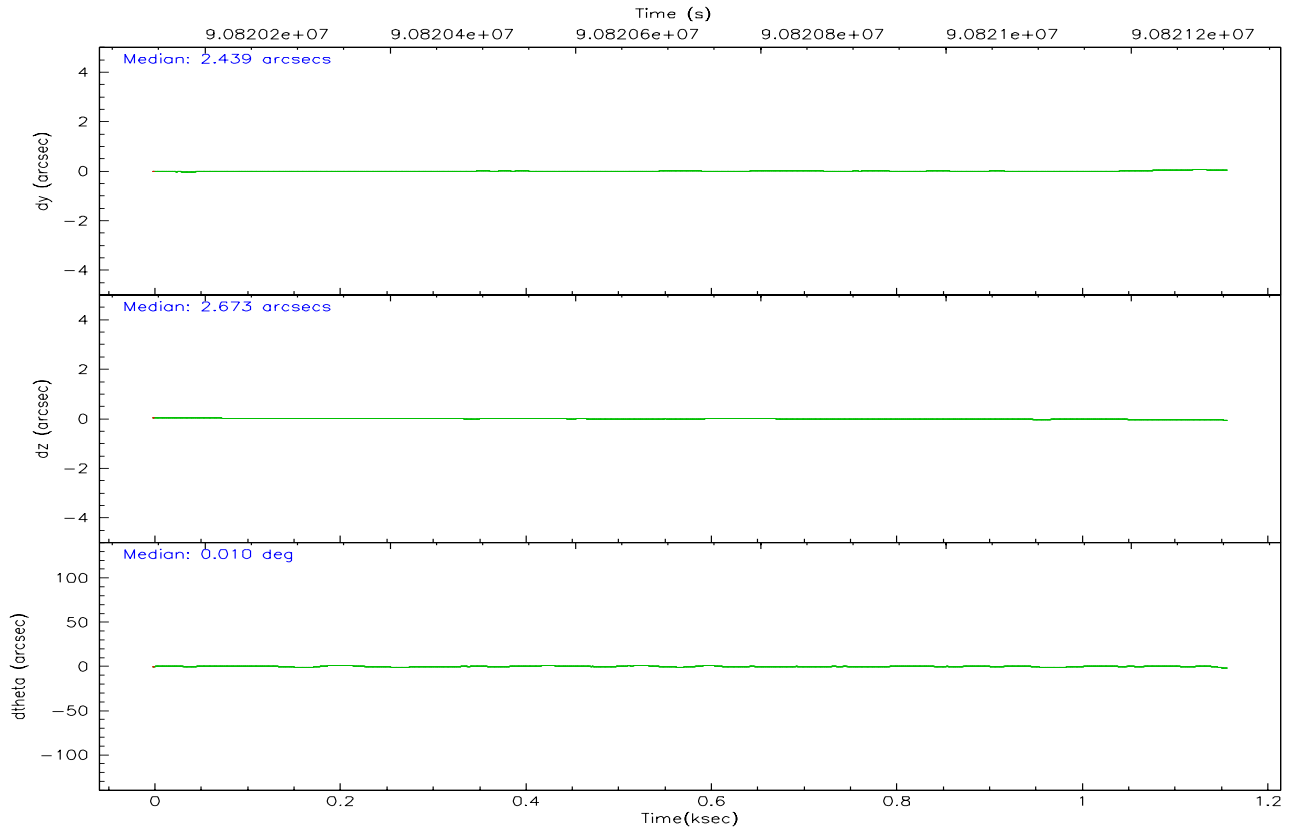
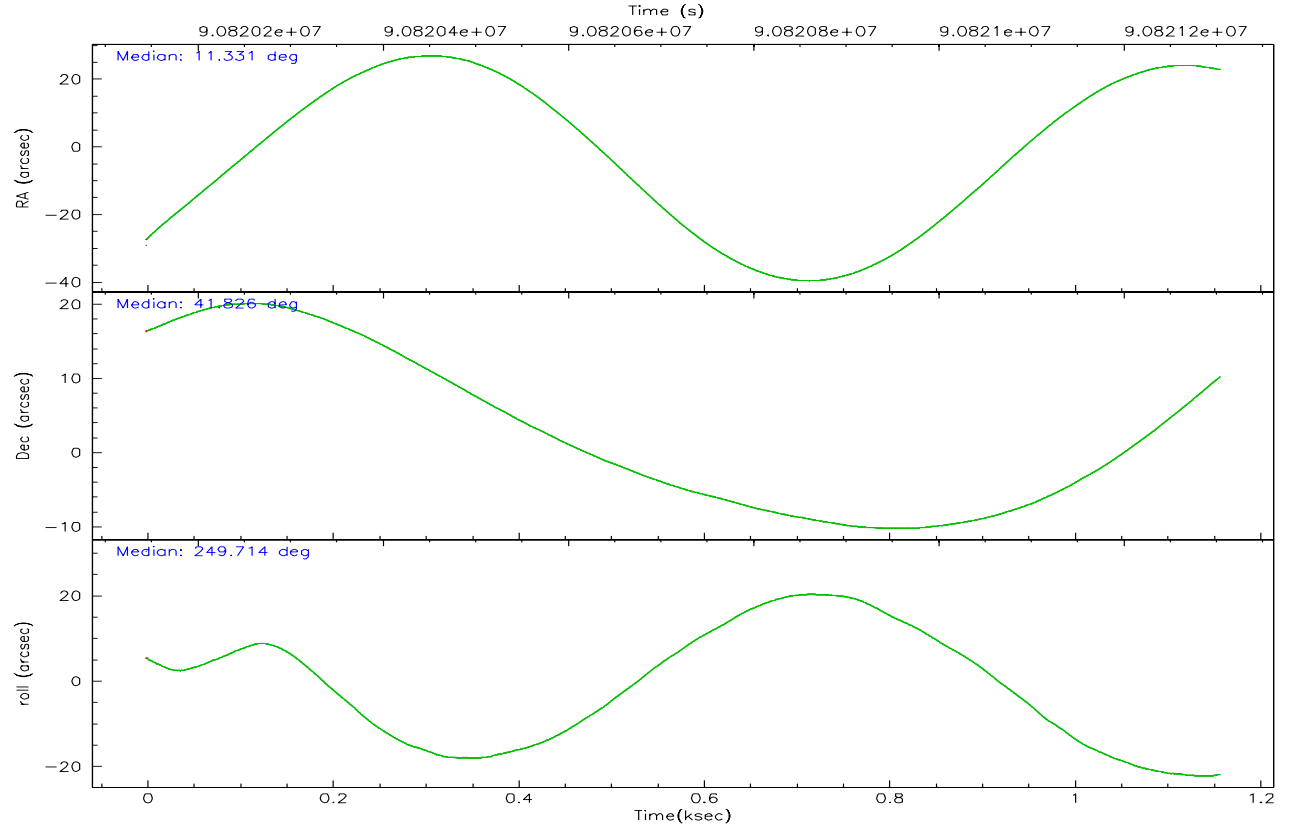
	segment 0
level 1 events	44687
rejected events	6783
rejected %	15%

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	11.322549	11.3301946748327			
Pointing Dec	41.853265	41.82650205846964			
Pointing Roll	249.818394	249.7178305909285			
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	90820300.184000	90819899.04066899			
Observation start date	2000-11-17T03:50:36	2000-11-17T03:44:59			
Observation end time	90821300.184000	90821434.49072801			
Observation end date	2000-11-17T04:07:16	2000-11-17T04:10:34			

2.3 Aspect



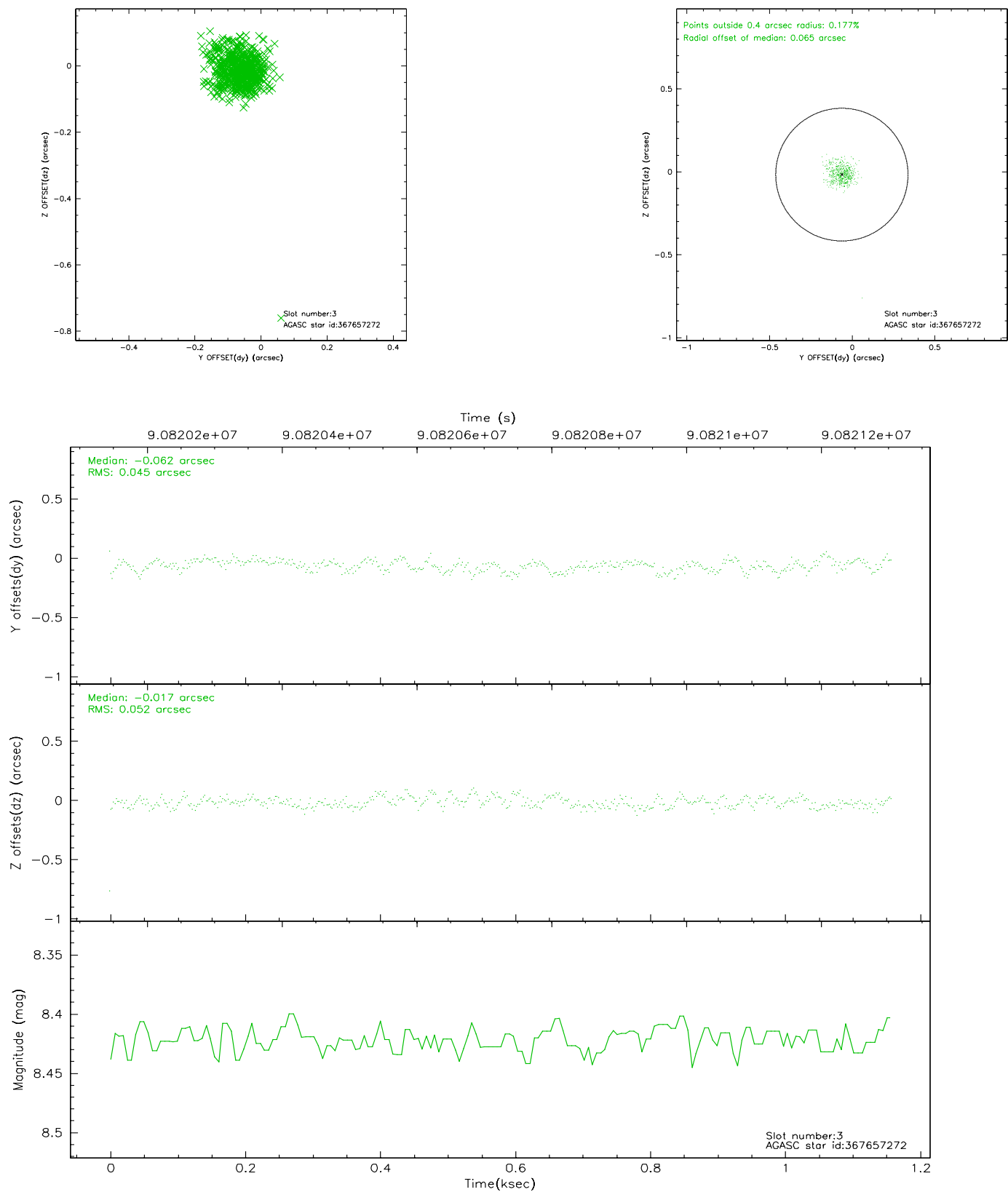


Slot Statistics

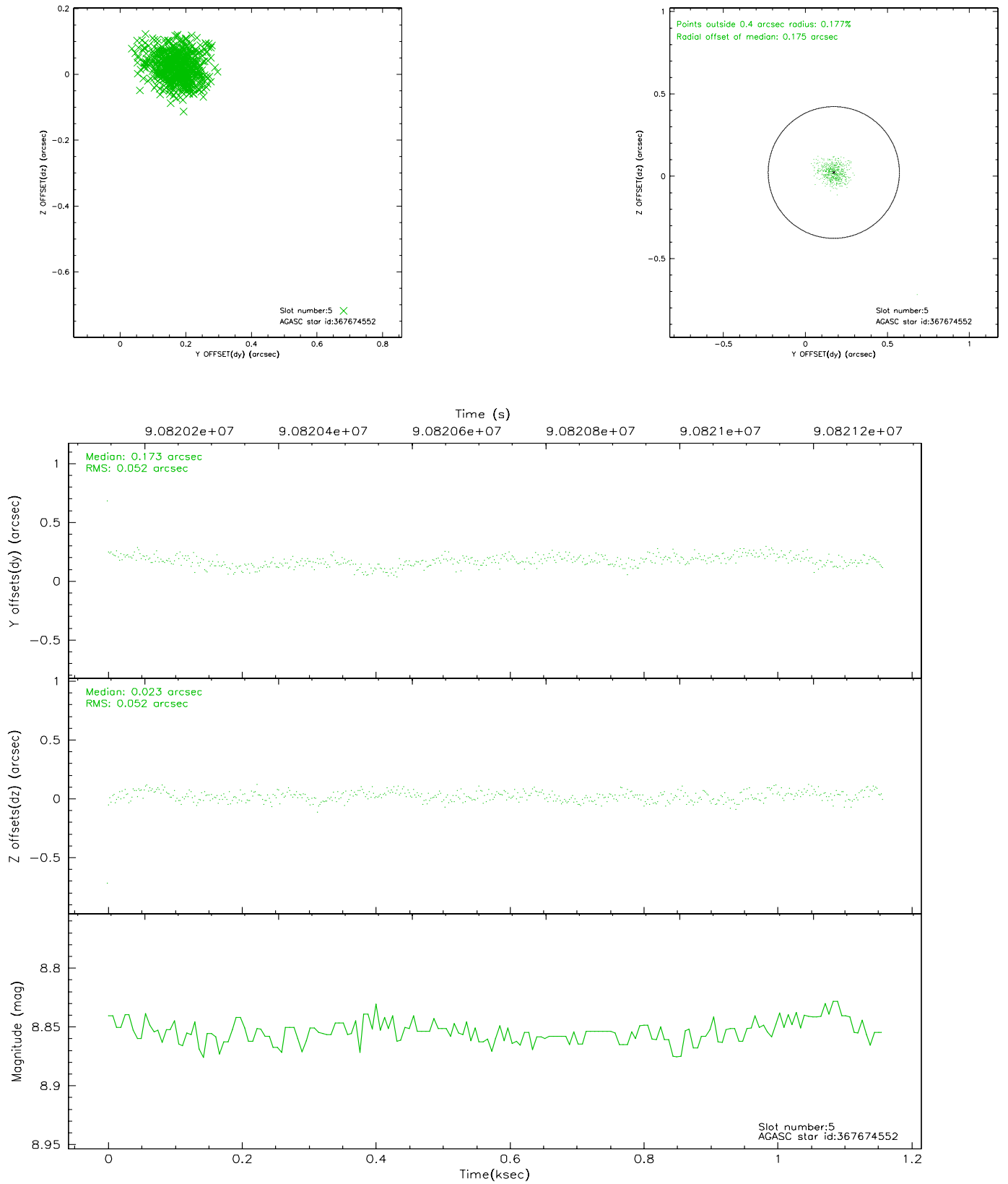
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	283	0.073	0.007	0.005	0.010	0.000000	0.000000	-757.87	-1290.31
1	FID	HRC-I-3	7.05	283	0.011	-0.027	0.006	0.012	0.000000	0.000000	-1189.03	1009.68
2	FID	HRC-I-4	6.99	283	0.030	-0.070	0.005	0.009	0.000000	0.000000	1280.75	1015.29
3	GUIDE	367657272	8.42	566	-0.062	-0.017	0.064	0.108	11.834471	41.298907	1393.03	1984.43
4	OMITTED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00
5	GUIDE	367674552	8.85	566	0.173	0.023	0.066	0.112	11.016238	41.570845	1241.77	-422.77
6	GUIDE	367671800	9.40	566	-0.078	-0.030	0.084	0.143	10.554735	41.964935	326.95	-2074.02
7	GUIDE	367670520	9.26	565	-0.026	0.009	0.073	0.116	11.265516	42.371946	-1698.17	-792.68

2.4 Star Slots

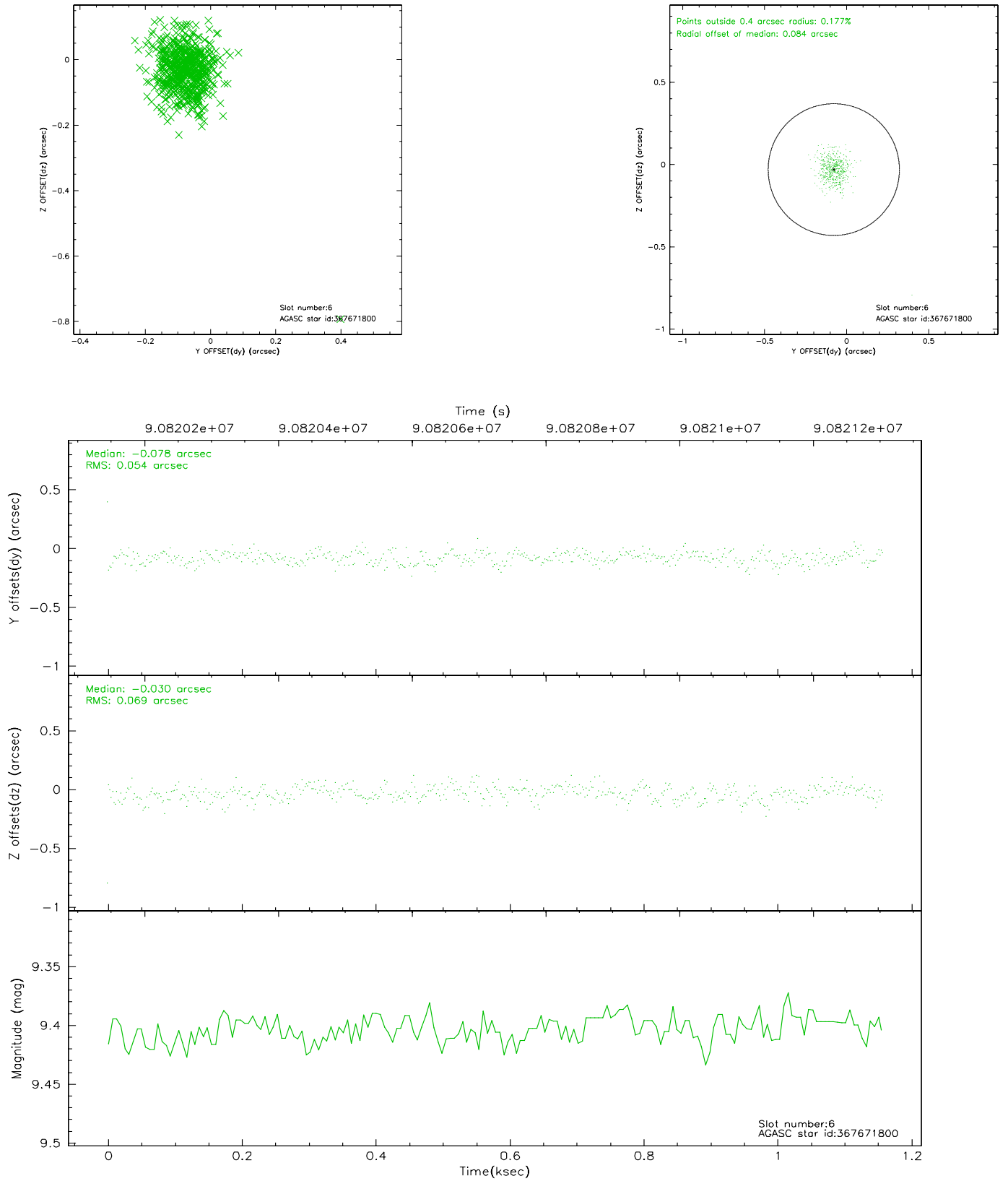
2.4.1 Slot 3



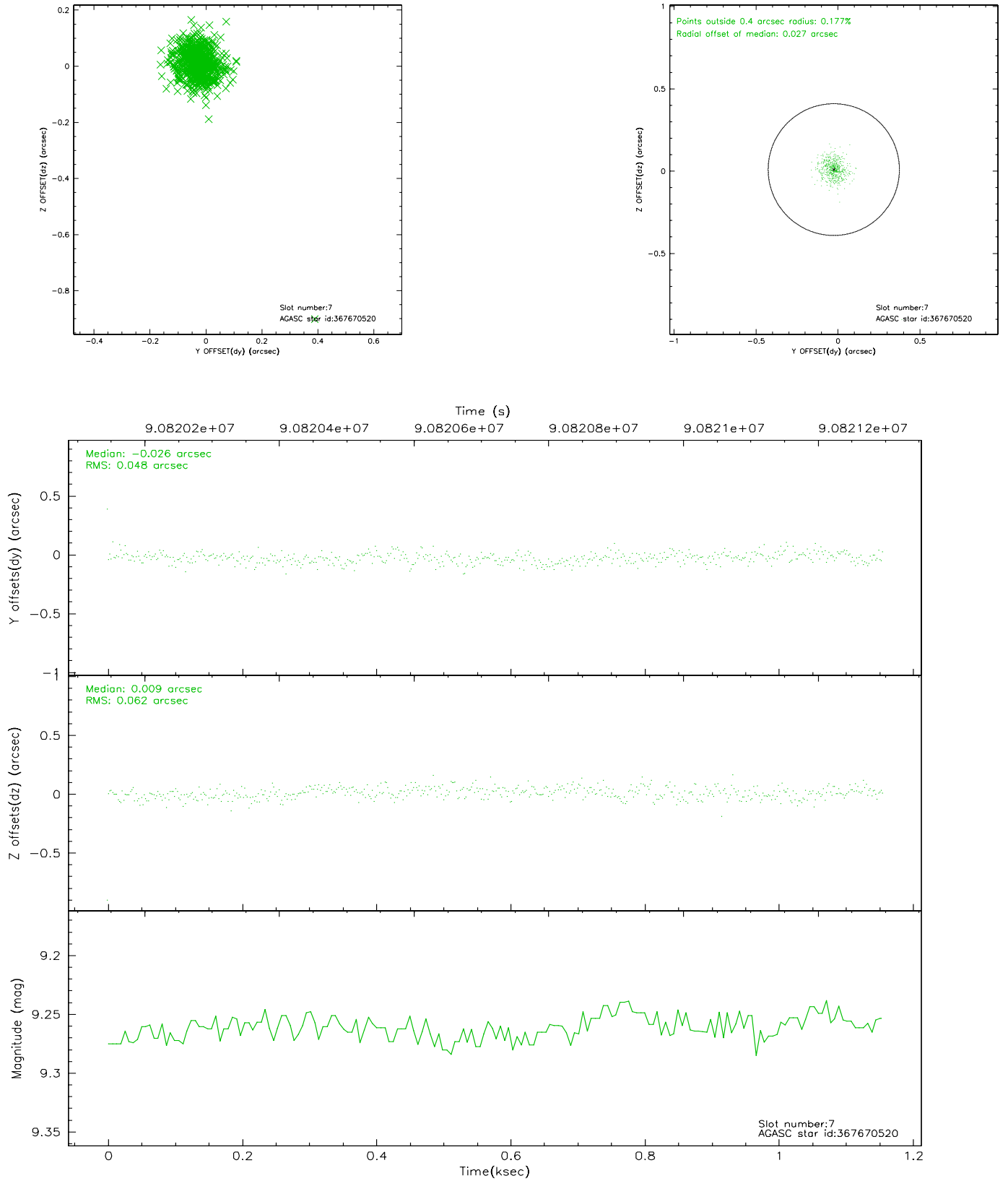
2.4.2 Slot 5



2.4.3 Slot 6

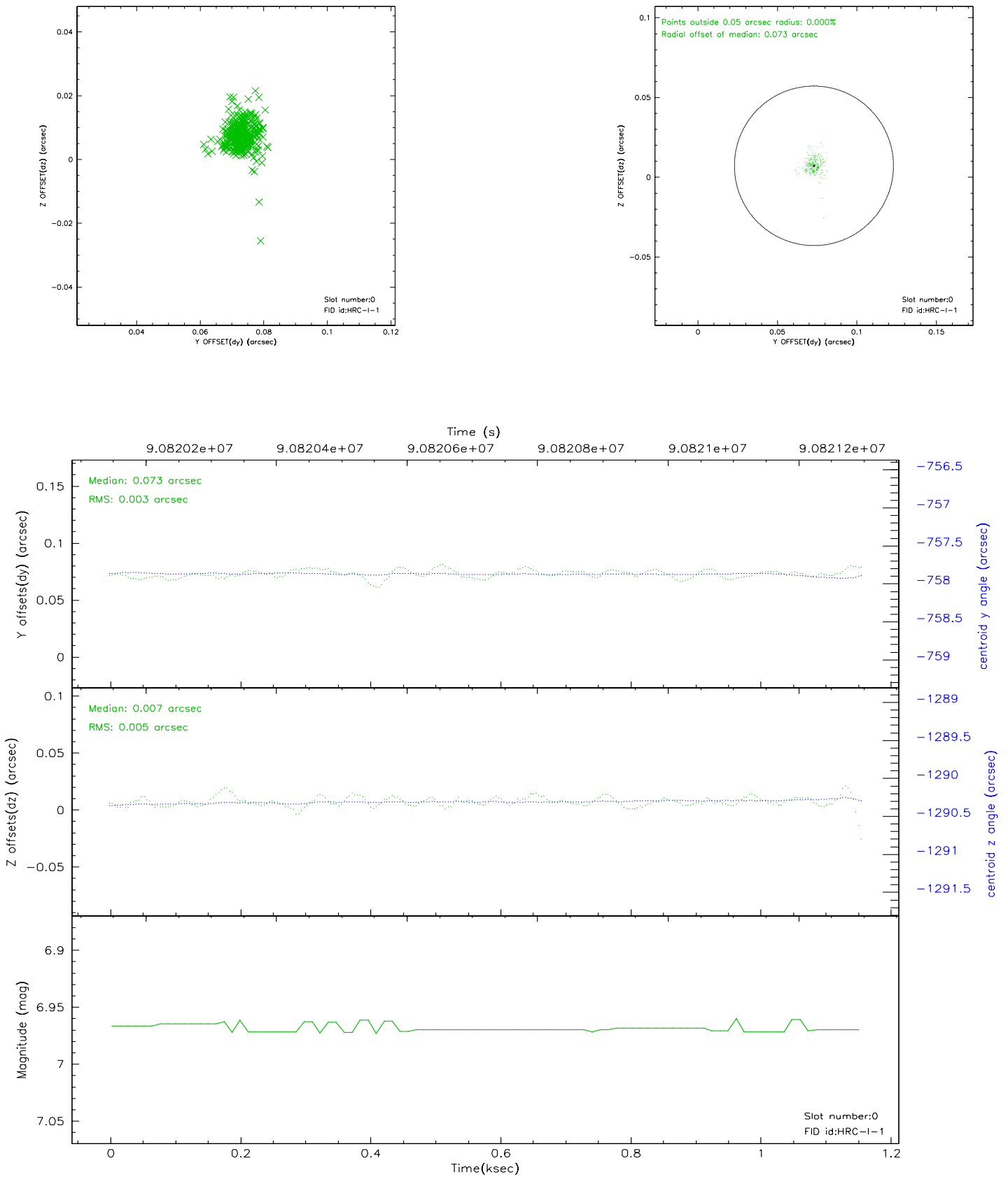


2.4.4 Slot 7

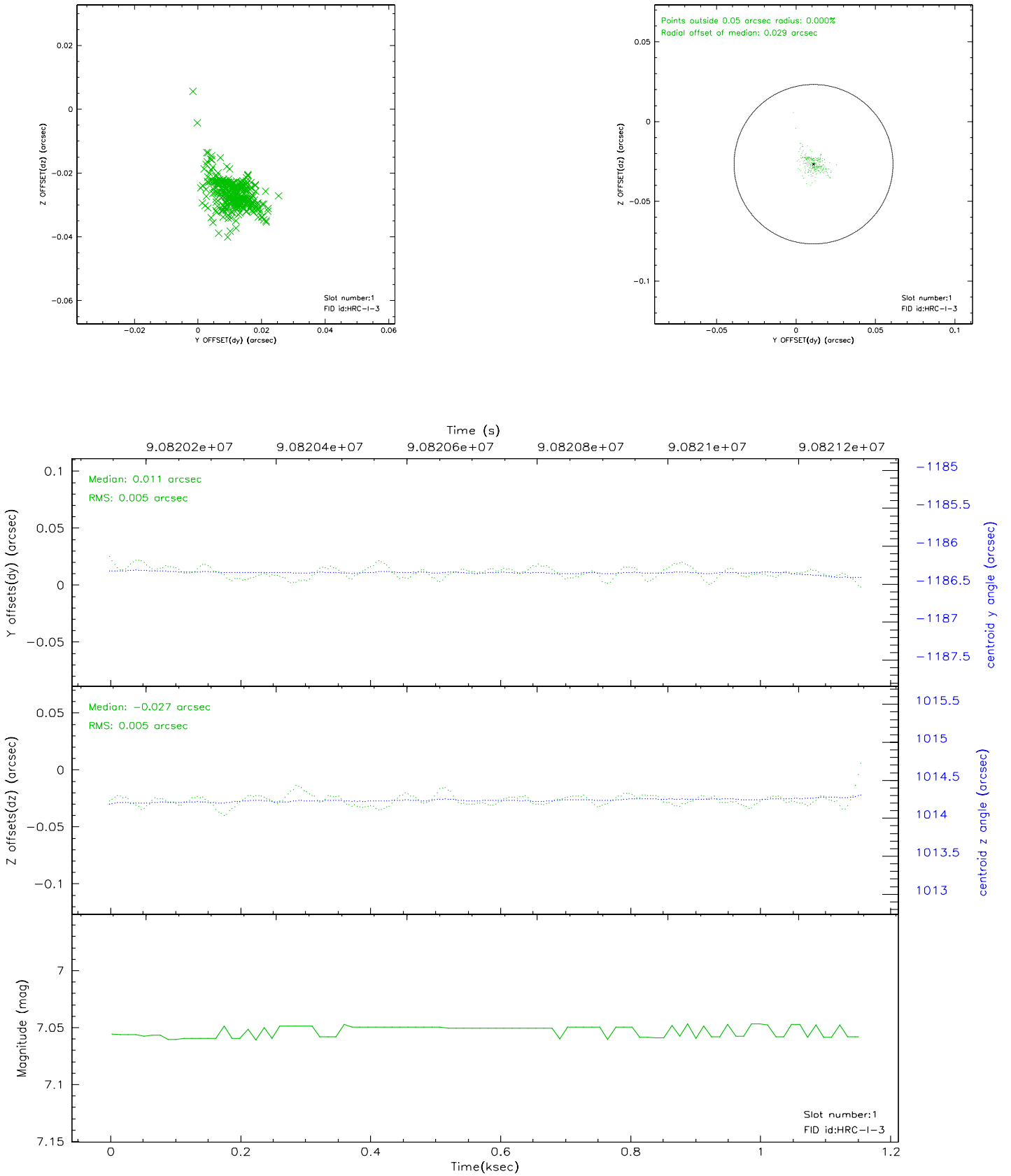


2.5 FID Slots

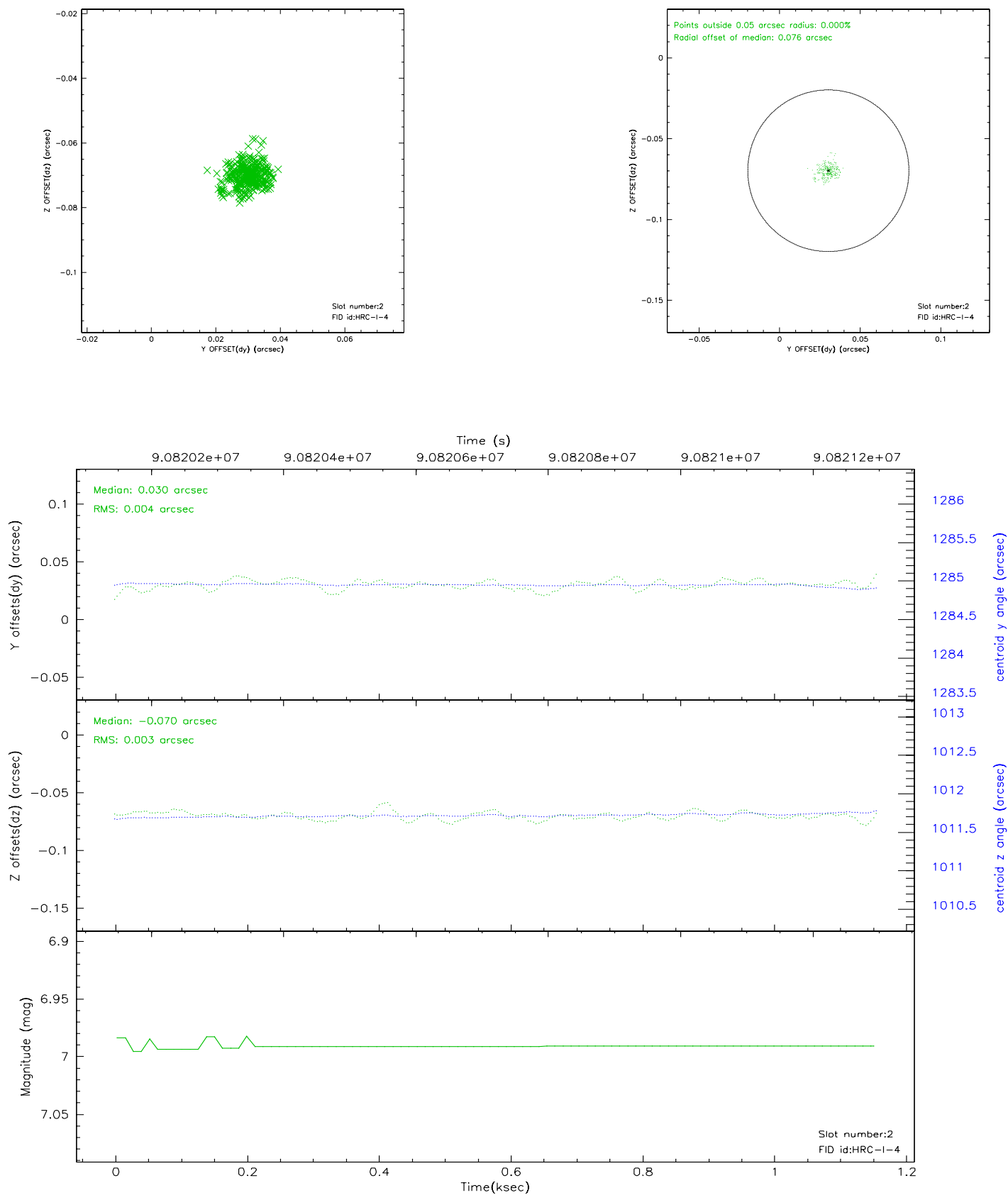
2.5.1 Slot 0



2.5.2 Slot 1

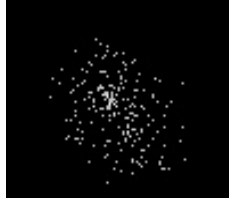


2.5.3 Slot 2



3 Point Sources

11.03 arcmin



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2010.10.01
V&V Edition	2
V&V Disposition and Status	OK
V&V Charge Time	0.983

A.2 Comments

The guide star in slot 4 was manually excluded from the processing due to poor data quality.

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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.