

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 301 - L2 Version 5
Chandra X-Ray Center

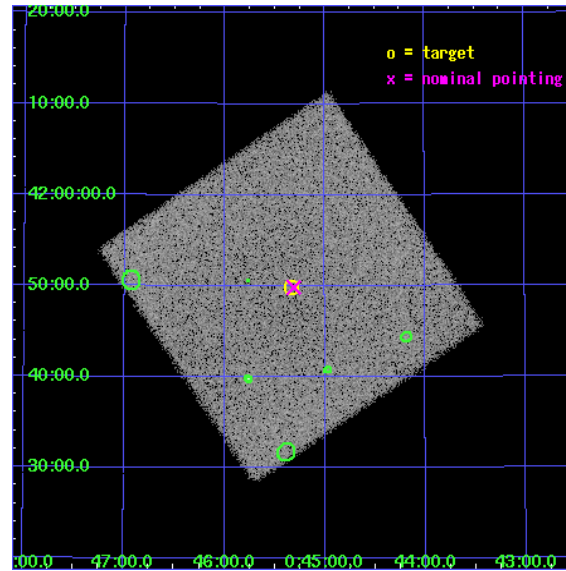
L2 Processing Date : Nov 20 2007

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1 Front

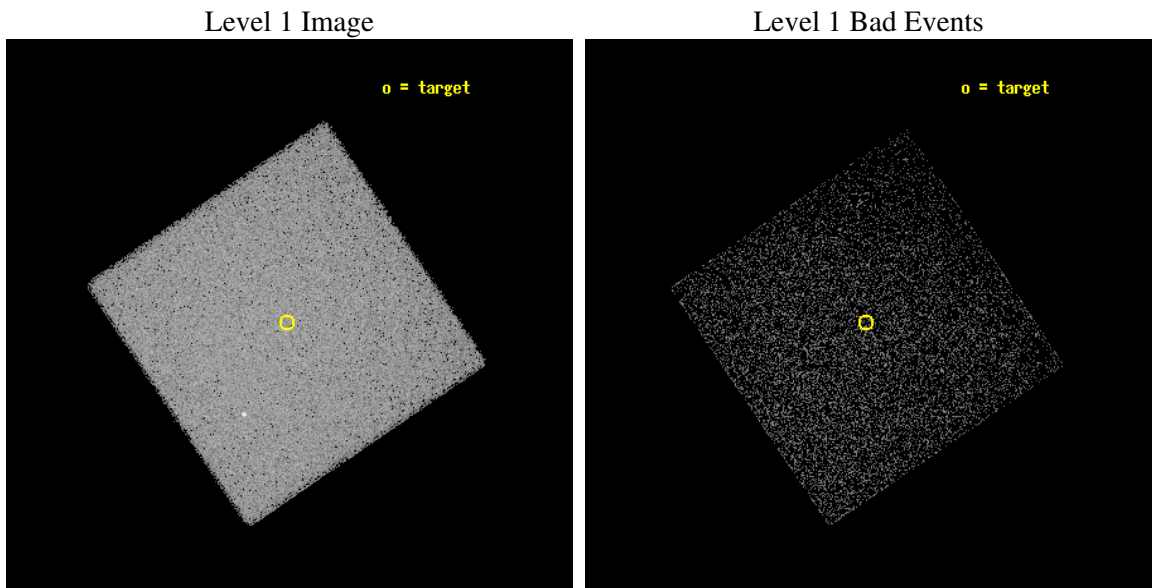
seq_num	600061
obs_id	301
title	MONITORING M31
observer	Dr. Stephen Murray
object	M31 - North 2
ra_targ	11.333333
dec_targ	41.829722
ra_nom	11.327003485422
dec_nom	41.830474195504
roll_nom	190.93486627299
revision	5
ontime	1186.1812947839
livetime	1154.443168271
l2events	131244



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	2007-11-21T02:33:16
revision	4

sched_exp_time	994.372000
ontime	1186.1812947839
l1events	234758

2.1.3 Events

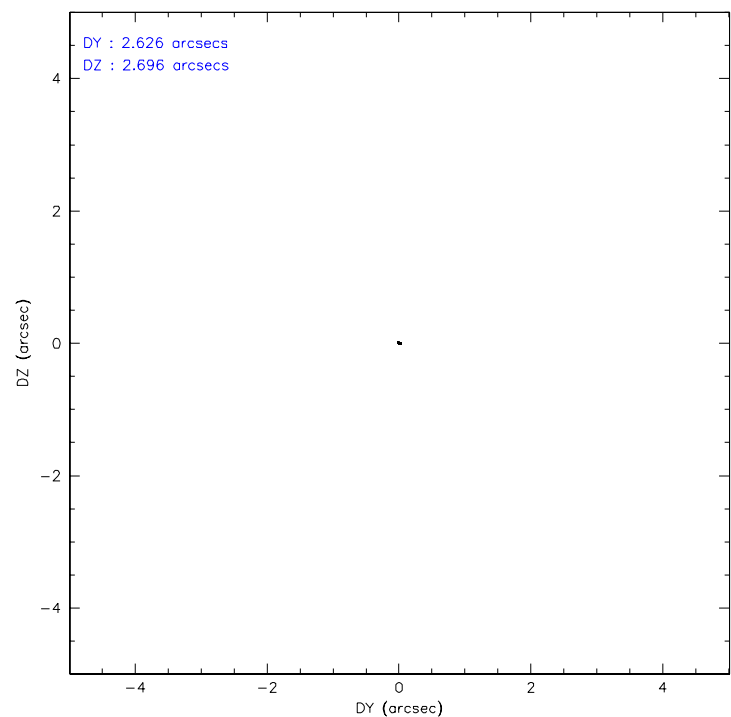
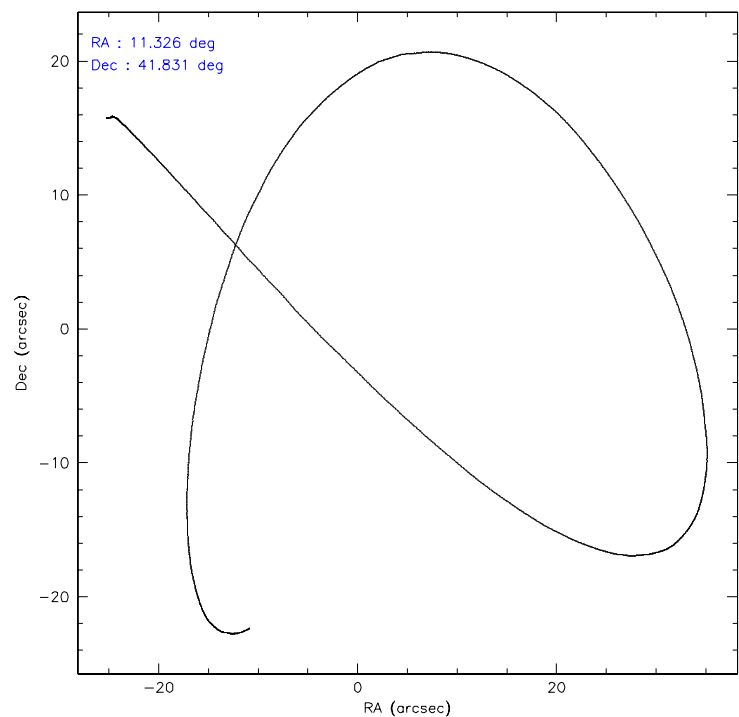
Level 1 Events

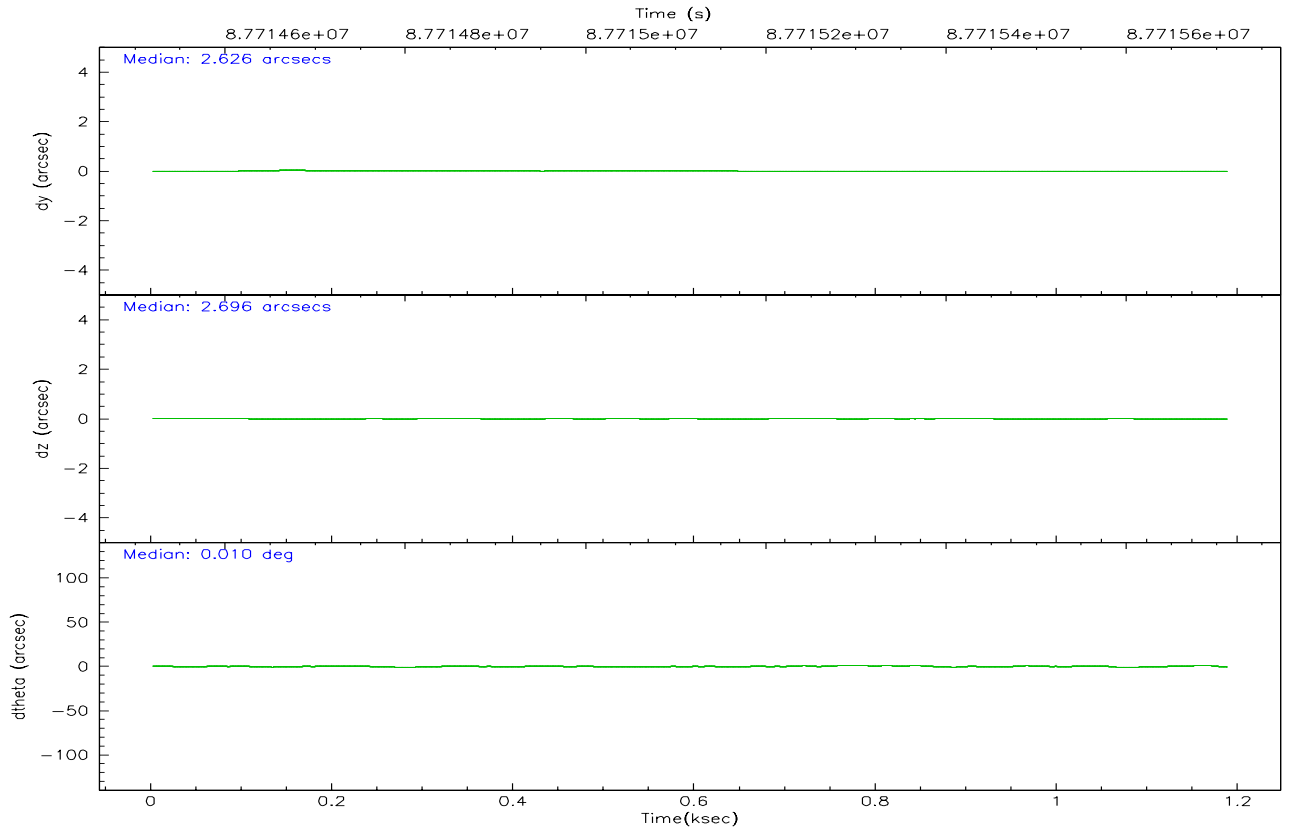
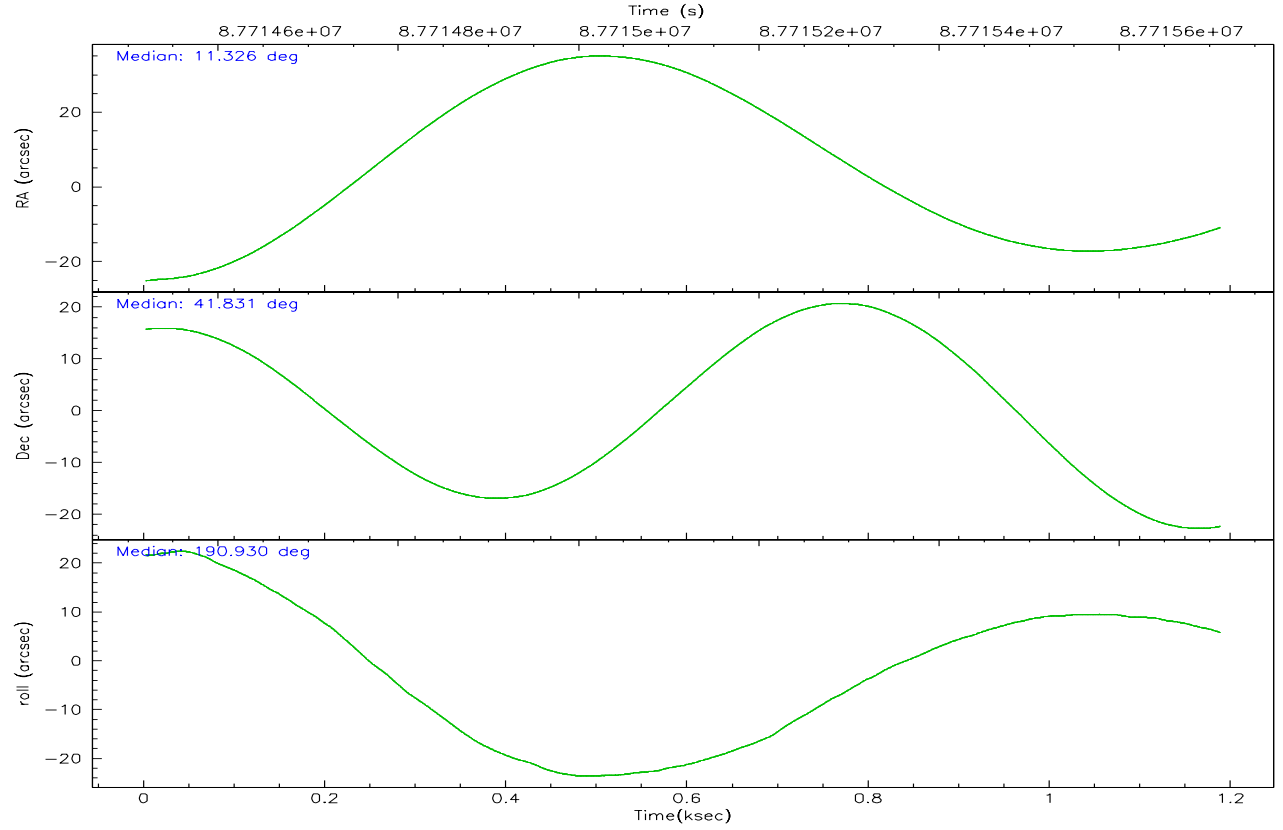
	segment 0
level 1 events	234758
rejected events	59466
rejected %	25%

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	11.354780	11.32700348542173			
Pointing Dec	41.848798	41.83047419550438			
Pointing Roll	191.011790	190.934866272988			
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	87714716.184000	87714340.085639			
Observation start date	2000-10-12T05:10:52	2000-10-12T05:05:40			
Observation end time	87715710.184000	87716024.160703			
Observation end date	2000-10-12T05:27:26	2000-10-12T05:33:44			

2.3 Aspect



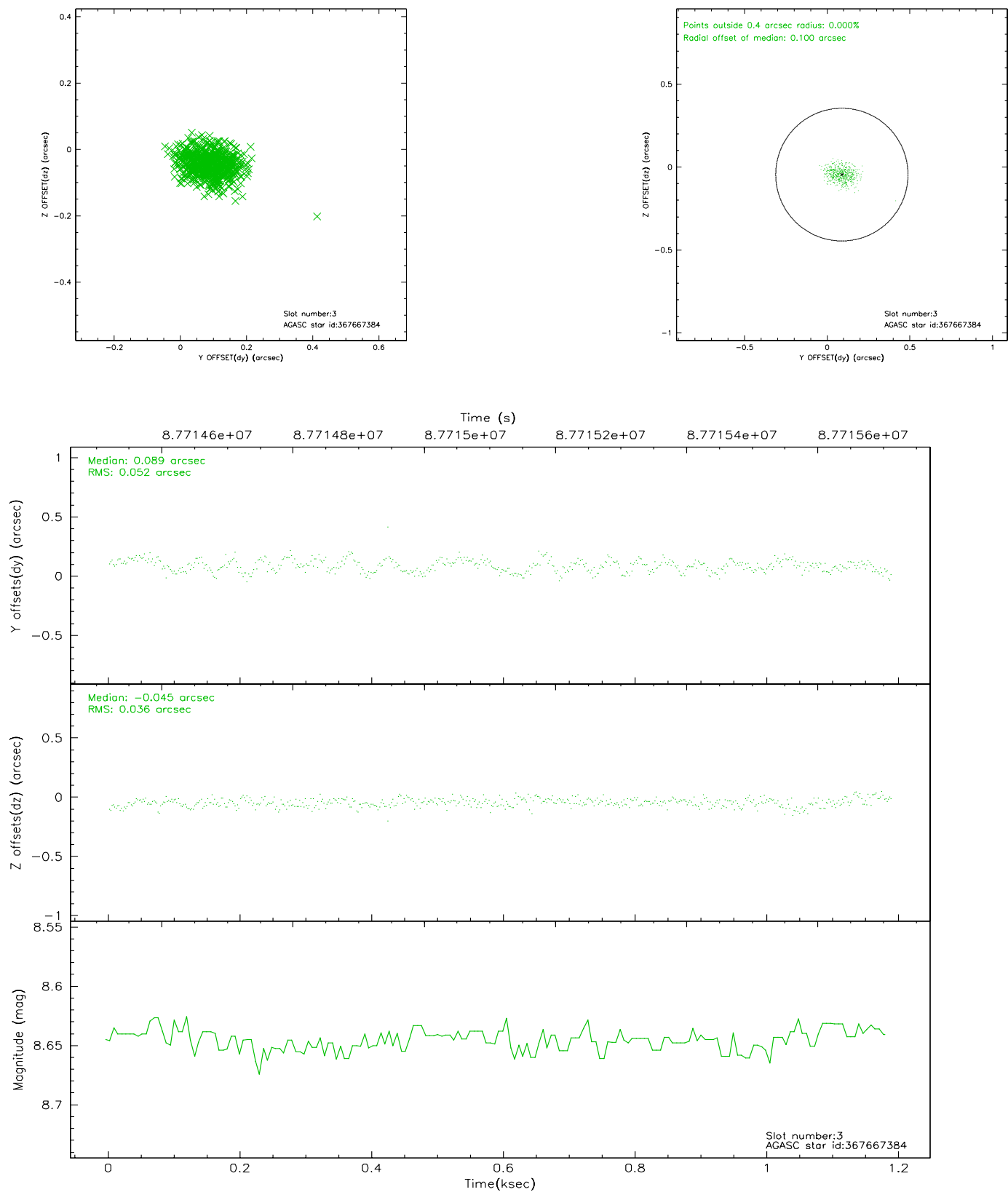


Slot Statistics

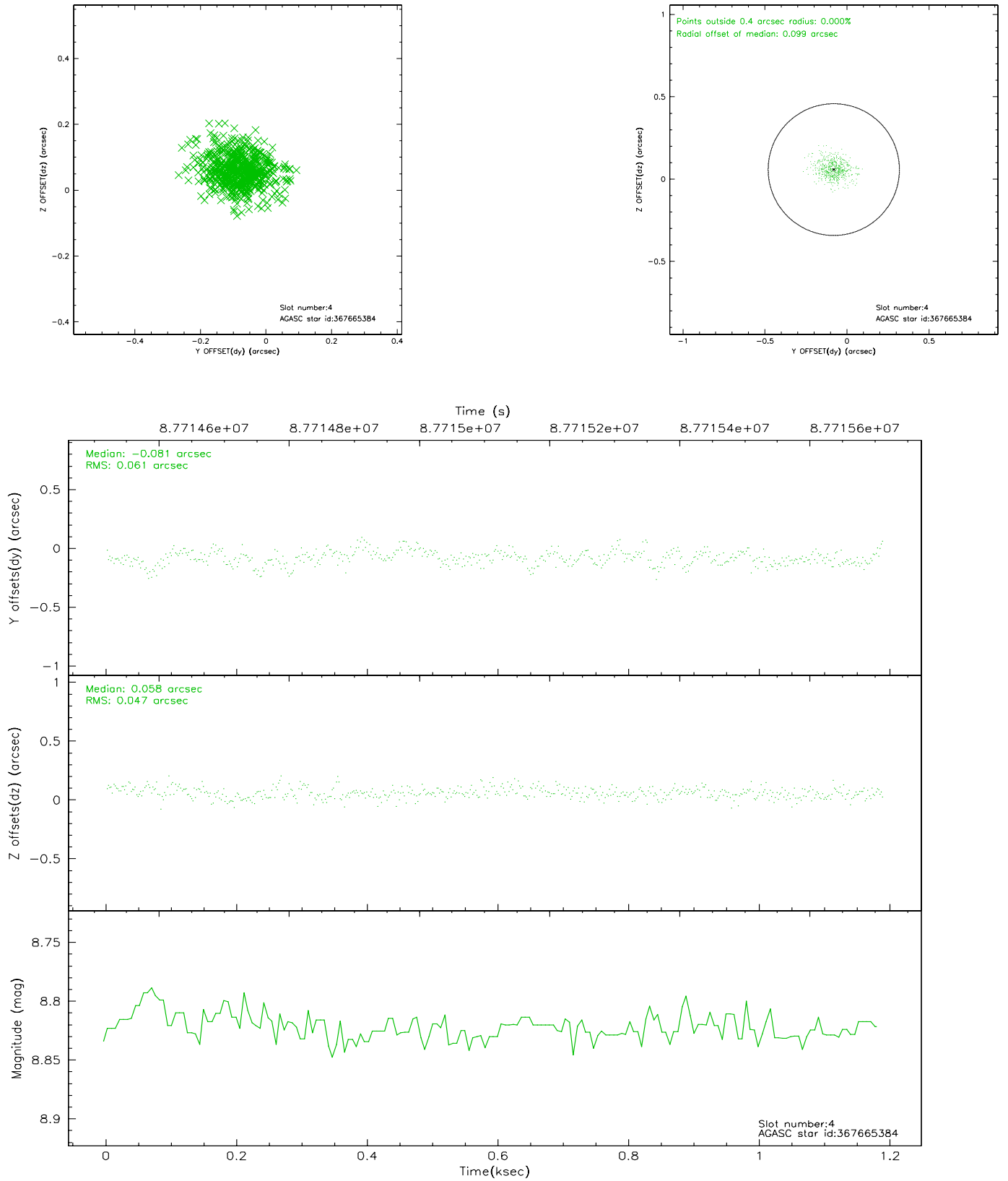
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	290	0.069	-0.002	0.006	0.011	0.000000	0.000000	-758.07	-1290.39
1	FID	HRC-I-3	7.07	290	-0.000	-0.022	0.007	0.011	0.000000	0.000000	-1189.17	1009.71
2	FID	HRC-I-4	7.00	290	0.045	-0.065	0.005	0.007	0.000000	0.000000	1280.67	1015.12
3	GUIDE	367667384	8.64	580	0.089	-0.045	0.067	0.106	12.077552	41.596878	-1740.75	1254.51
4	GUIDE	367665384	8.82	580	-0.081	0.058	0.079	0.141	10.414363	42.275730	2157.44	-1997.47
5	GUIDE	367674552	8.85	580	0.045	-0.013	0.073	0.120	11.016238	41.570845	1087.12	803.76
6	GUIDE	367657896	9.02	580	-0.057	-0.015	0.080	0.135	11.197765	41.313576	784.03	1812.12
7	GUIDE	367660528	9.55	579	0.011	-0.000	0.084	0.143	11.676845	42.311657	-1161.10	-1469.59

2.4 Star Slots

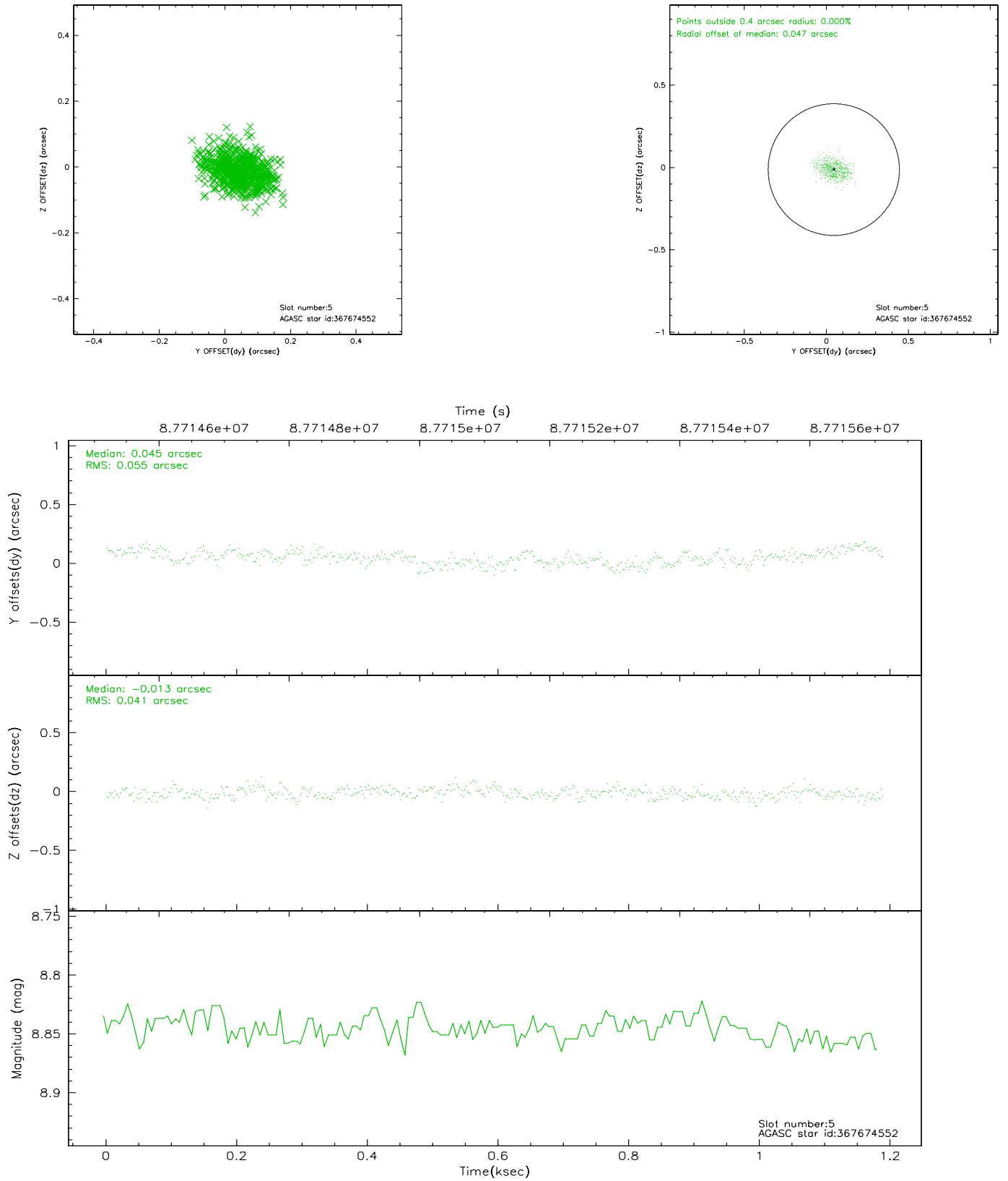
2.4.1 Slot 3



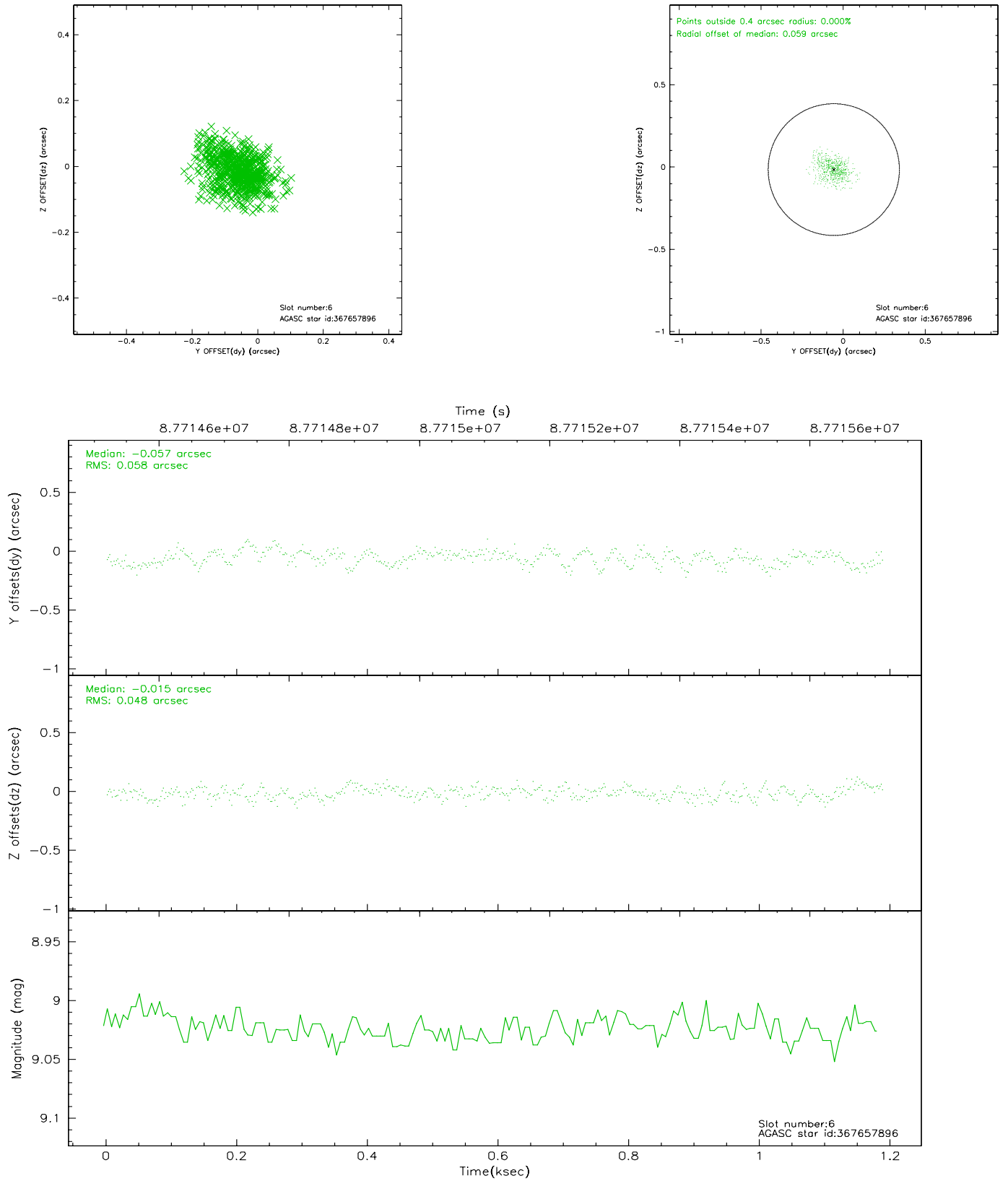
2.4.2 Slot 4



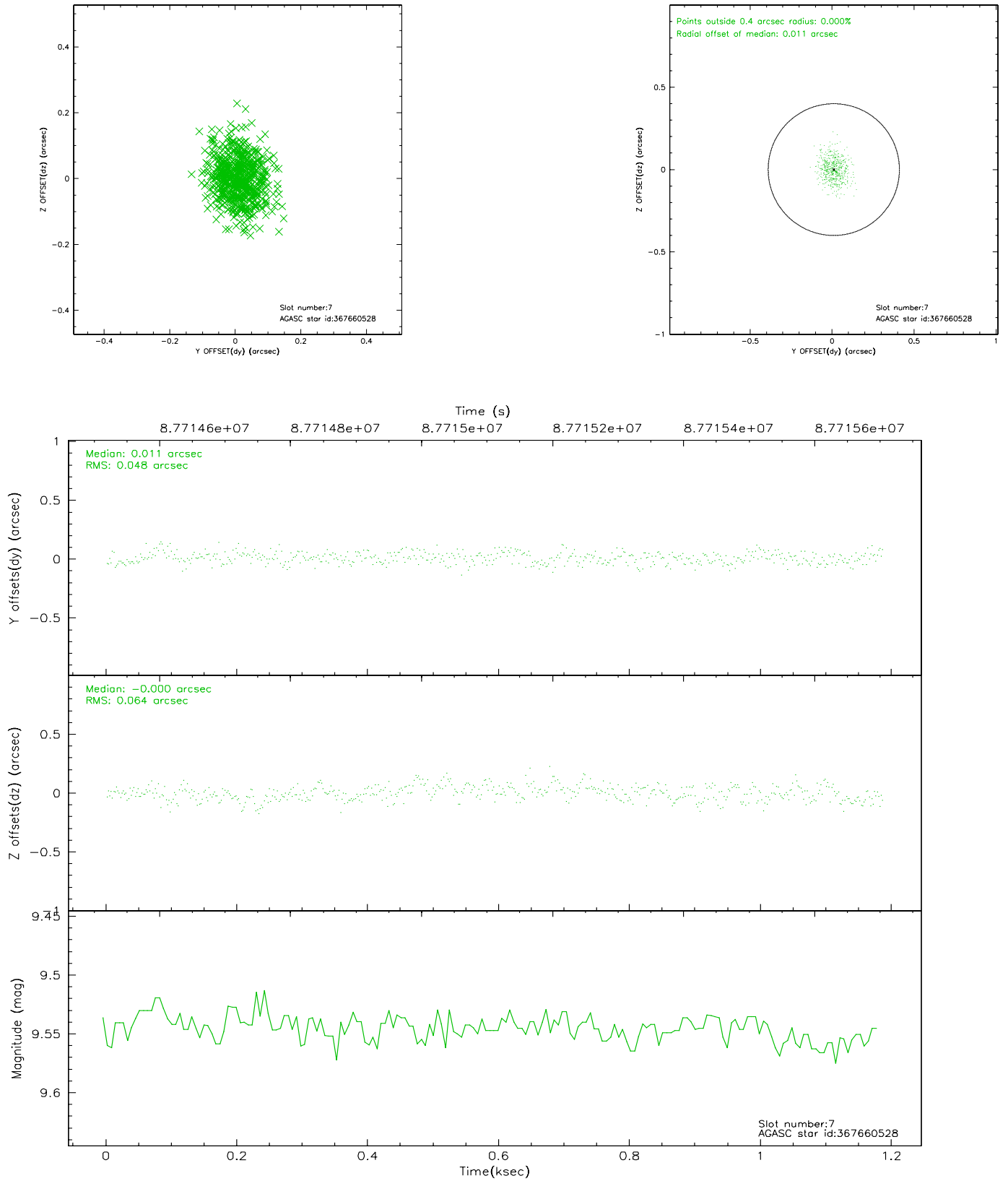
2.4.3 Slot 5



2.4.4 Slot 6

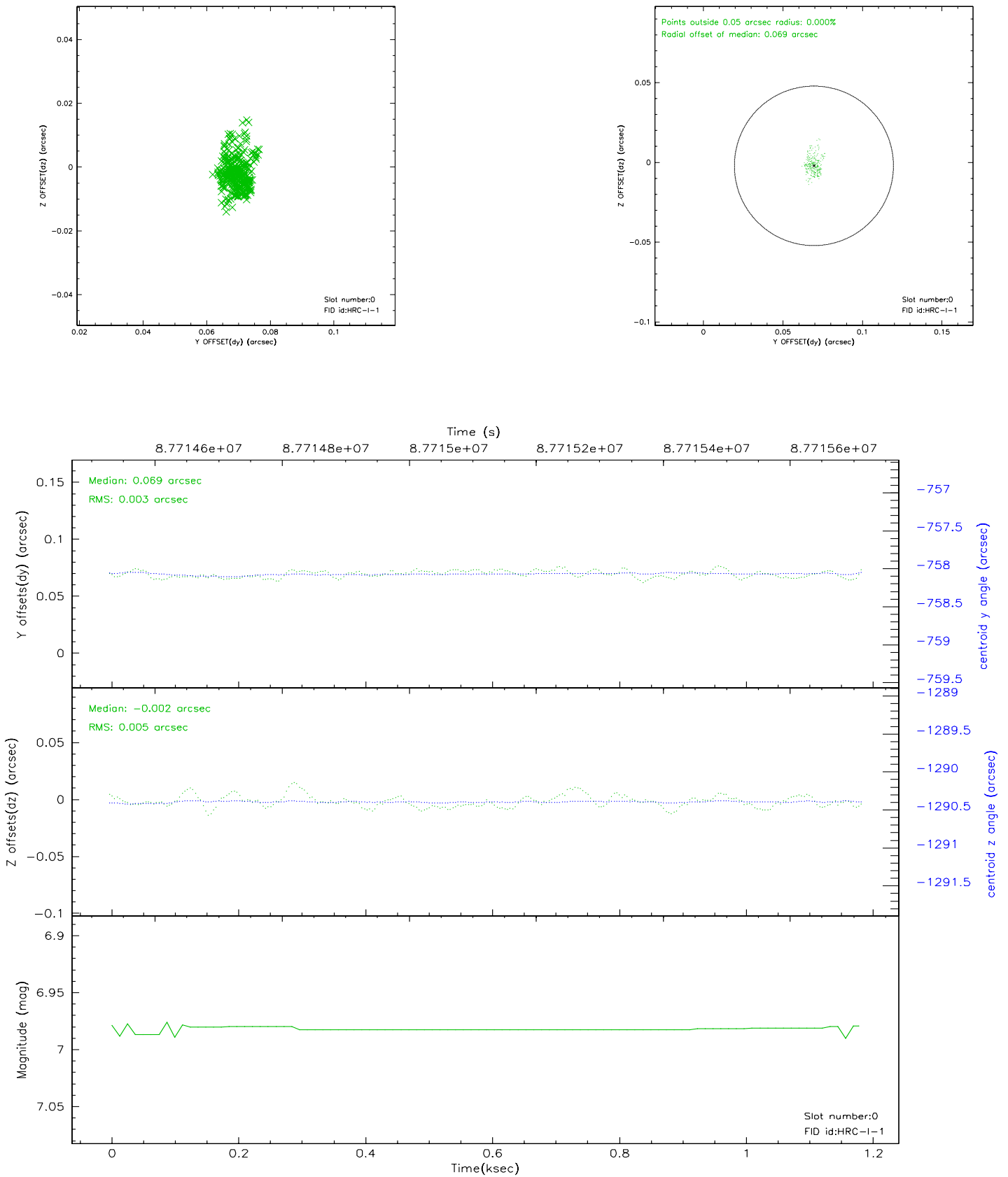


2.4.5 Slot 7

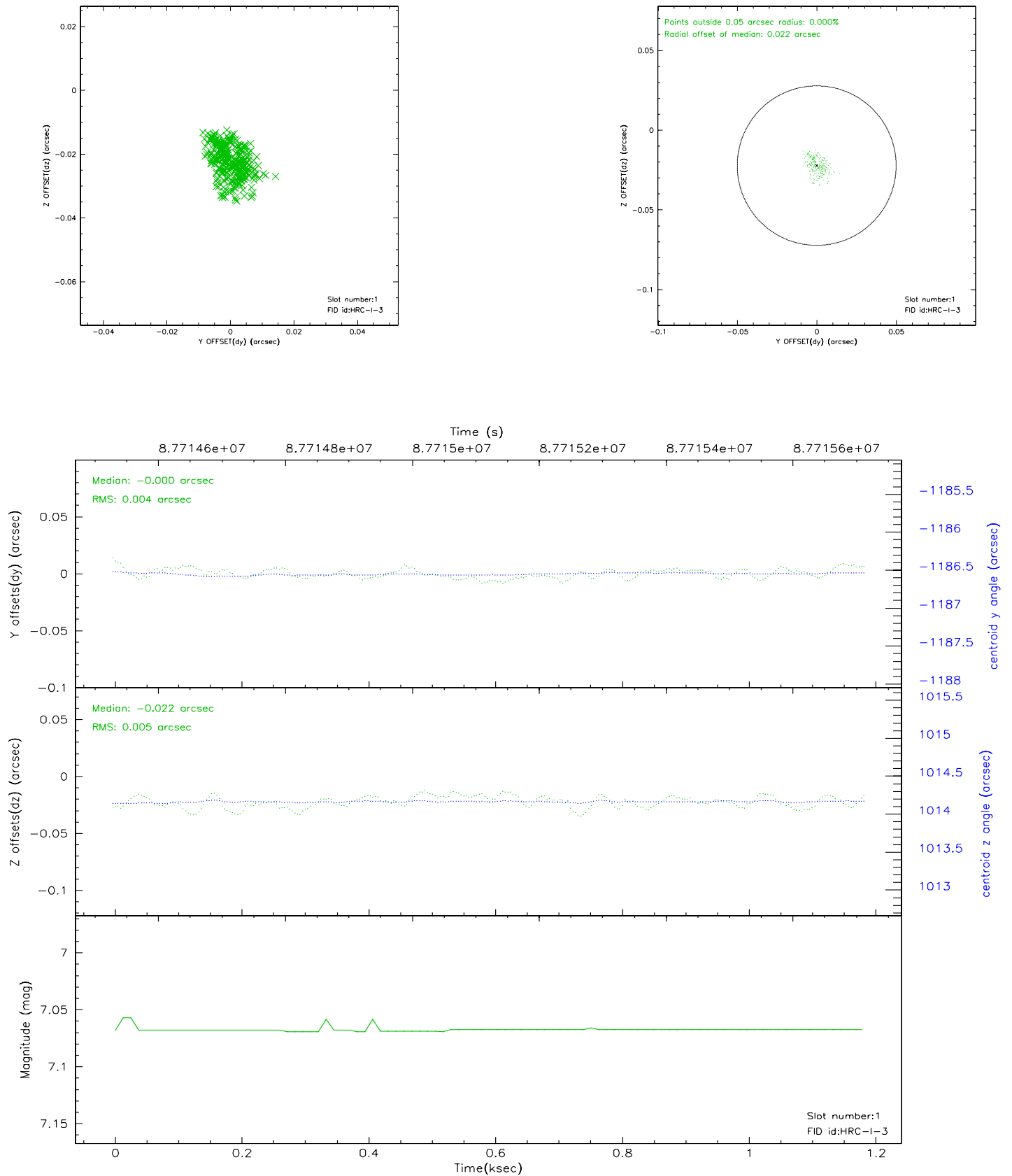


2.5 FID Slots

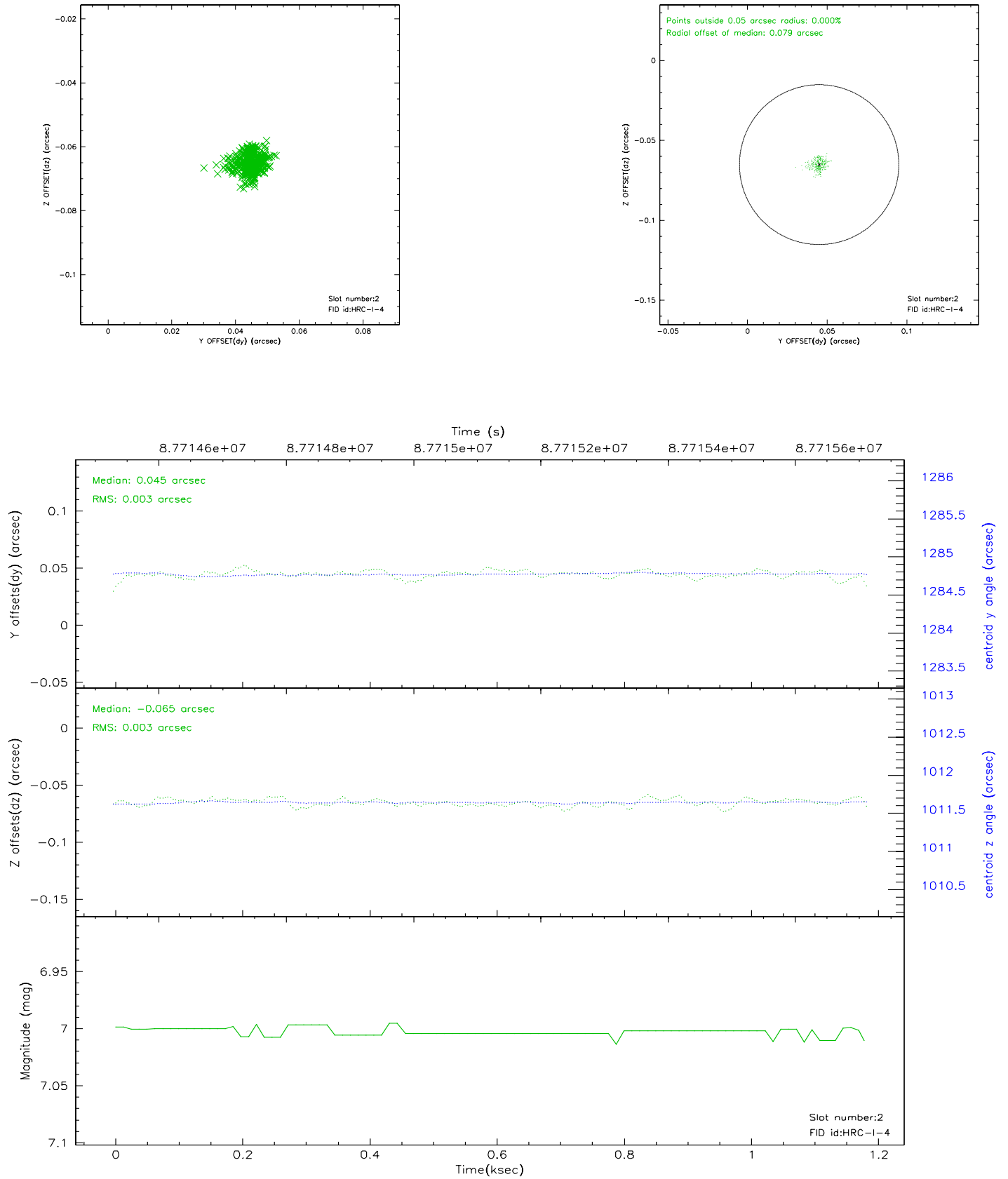
2.5.1 Slot 0



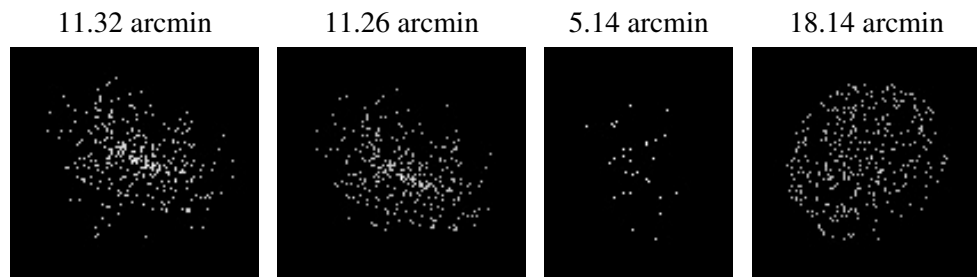
2.5.2 Slot 1



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.