

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2914 - L2 Version 3
Chandra X-Ray Center

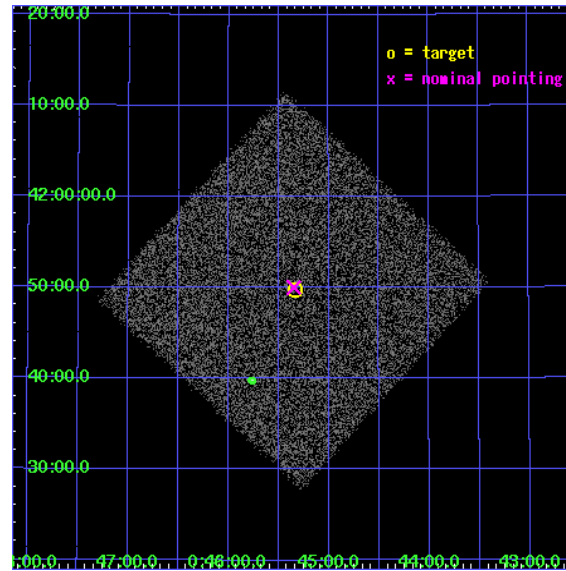
L2 Processing Date : Nov 21 2007

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1 Front

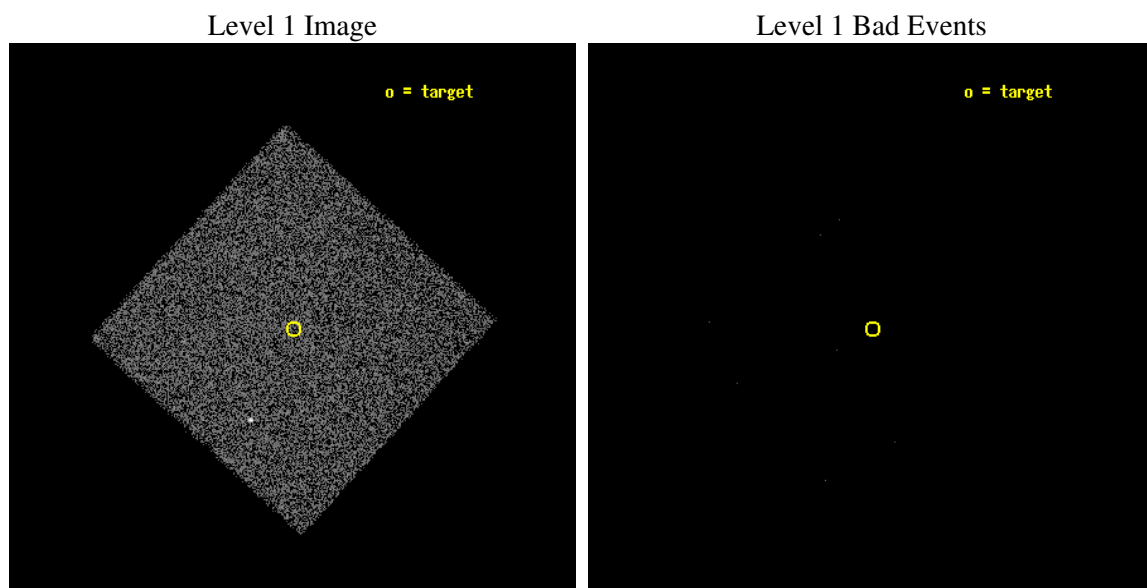
seq_num	600251
obs_id	2914
title	SEARCHING FOR X-RAY TRANSIENTS IN M31 WITH CHANDRA AND HST
observer	Dr. MICHAEL GARCIA
object	M31-N2
ra_targ	11.332917
dec_targ	41.83
ra_nom	11.336796538877
dec_nom	41.833628542906
roll_nom	87.530379263134
revision	3
ontime	1195.9187988341
livetime	1189.7453483843
l2events	30905



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	2007-11-21T21:48:44
revision	3

sched_exp_time	1000.000000
ontime	1195.9187988341
l1events	54187

2.1.3 Events

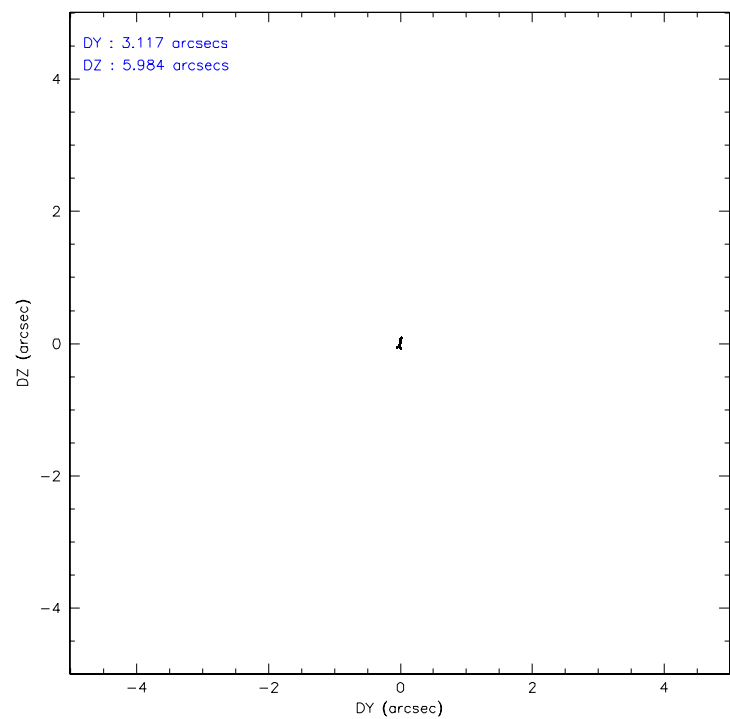
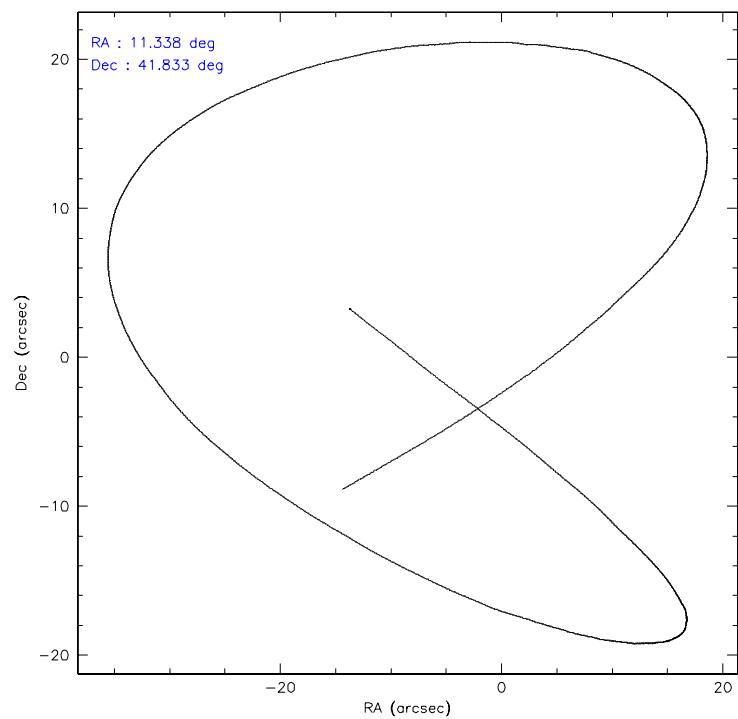
Level 1 Events

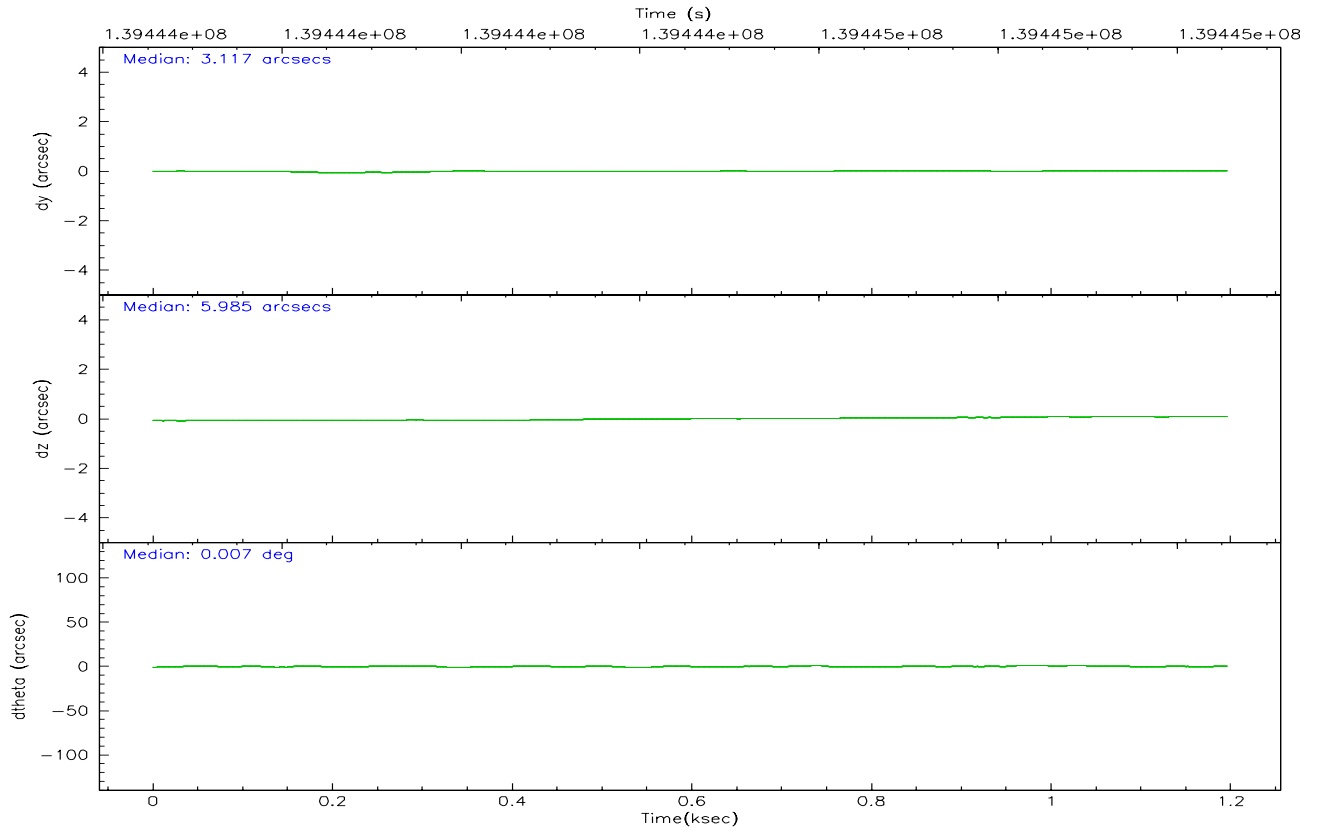
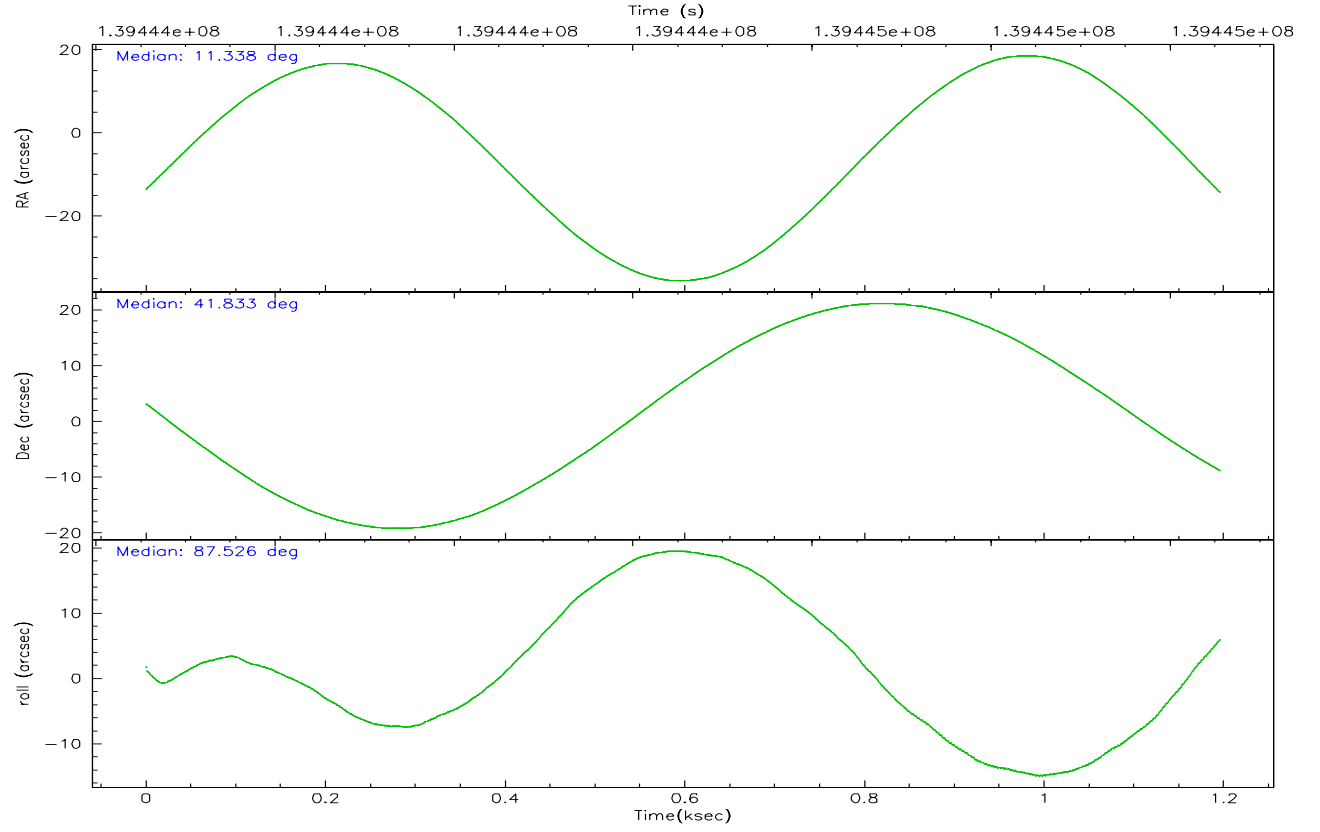
	segment 0
level 1 events	54187
rejected events	7652
rejected %	14%

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	11.352844	11.33679653887708			
Pointing Dec	41.810036	41.83362854290632			
Pointing Roll	87.615192	87.53037926313408			
Window start time	138844864.184000	138844864.184000			
Window stop time	139363264.184000	139363264.184000			
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	139444052.184000	139443676.19721			
Observation start date	2002-06-02T22:26:28	2002-06-02T22:21:16			
Observation end time	139445052.184000	139445276.22227			
Observation end date	2002-06-02T22:43:08	2002-06-02T22:47:56			

2.3 Aspect



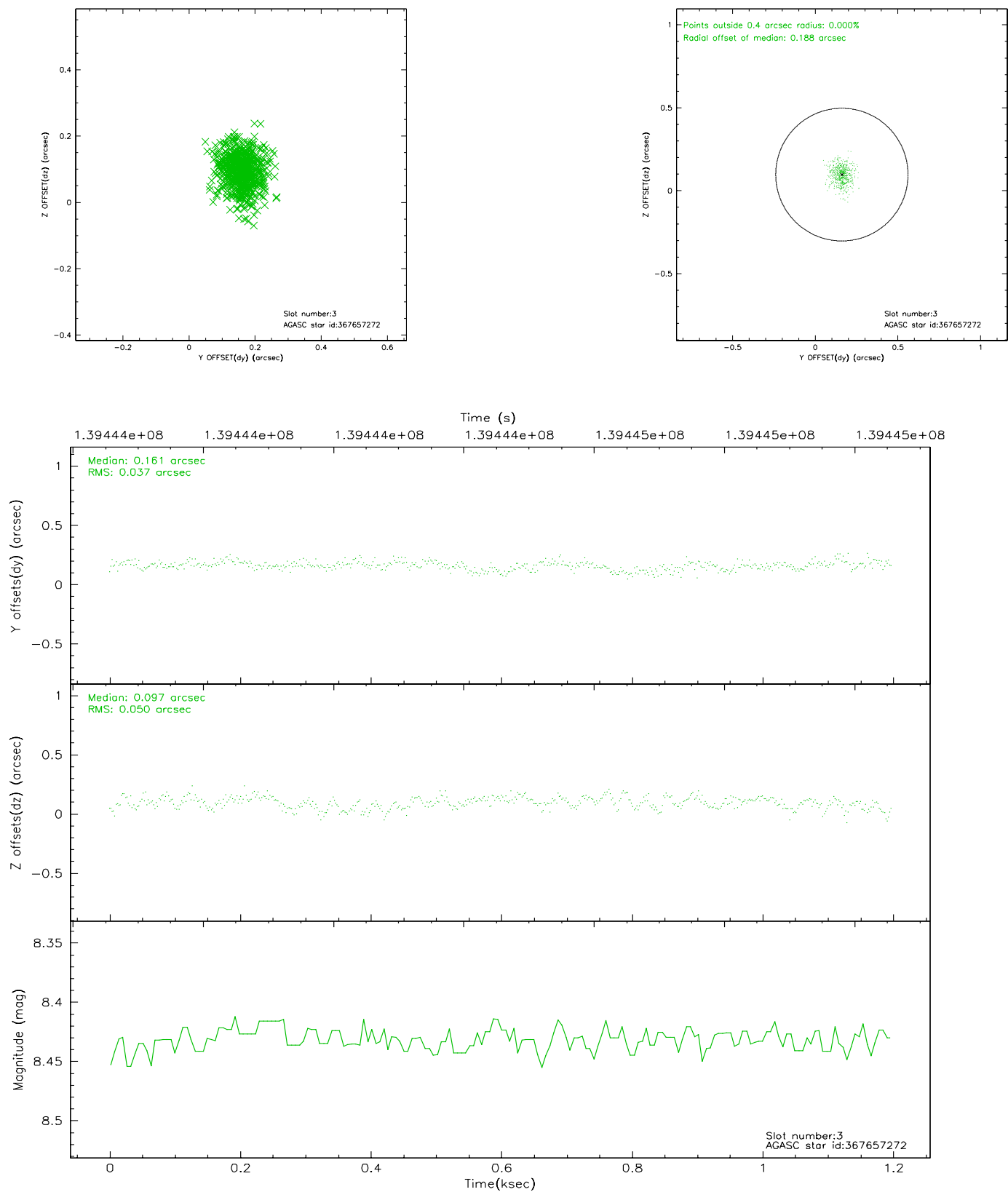


Slot Statistics

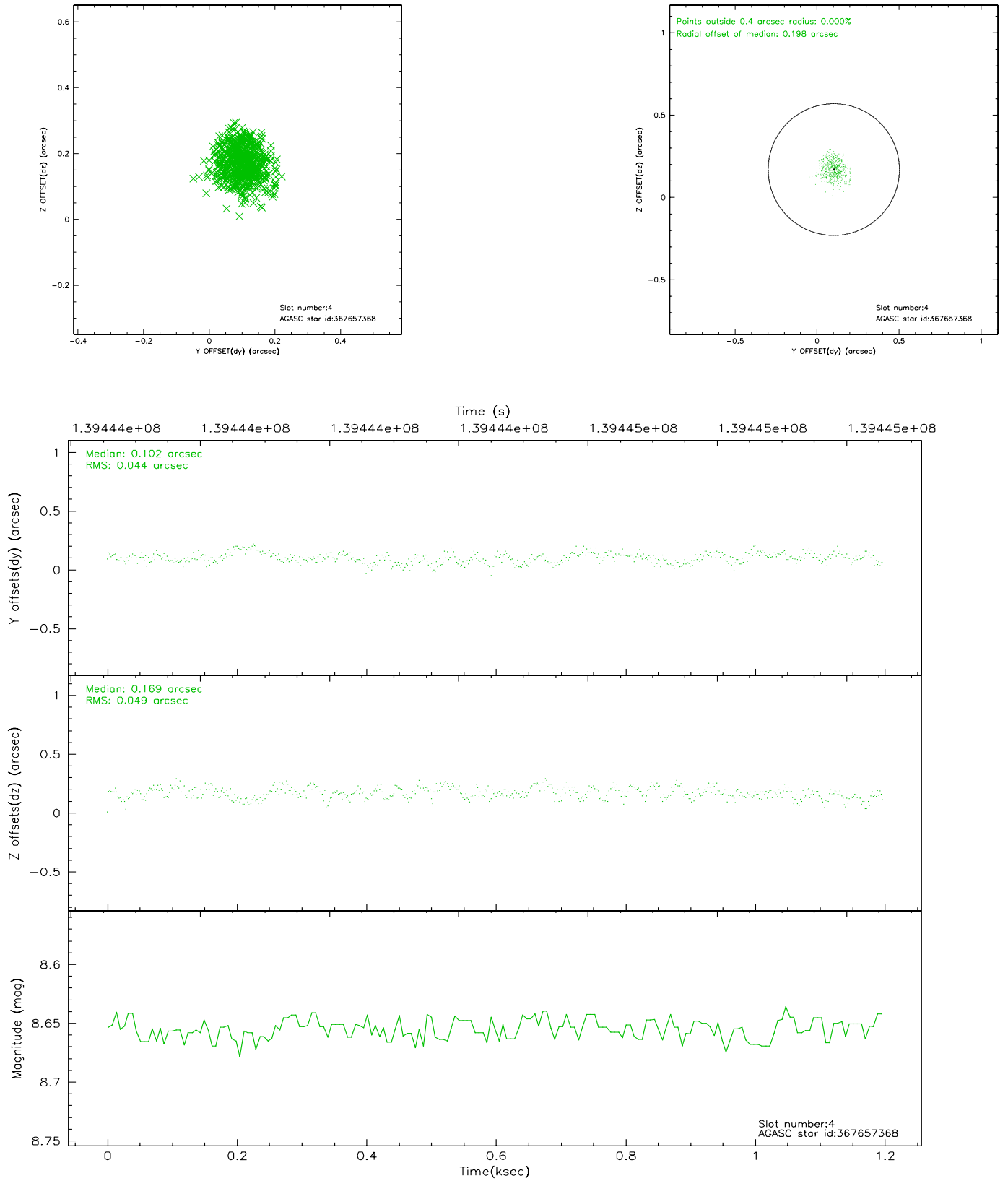
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	292	0.004	0.014	0.007	0.011	0.000000	0.000000	-758.55	-1293.81
1	FID	HRC-I-2	7.01	292	0.066	-0.030	0.006	0.011	0.000000	0.000000	851.54	-1299.81
2	FID	HRC-I-3	7.06	292	0.049	-0.075	0.006	0.010	0.000000	0.000000	-1184.14	1006.21
3	GUIDE	367657272	8.43	584	0.161	0.097	0.065	0.108	11.834471	41.298907	-1779.76	-1372.96
4	GUIDE	367657368	8.65	585	0.102	0.169	0.071	0.111	11.928227	41.287266	-1812.59	-1630.58
5	GUIDE	367671800	9.42	585	-0.116	-0.245	0.106	0.168	10.554735	41.964935	475.48	2160.11
6	GUIDE	367670520	9.27	585	-0.112	-0.126	0.086	0.146	11.265516	42.371946	2012.88	324.94
7	GUIDE	367660528	9.55	584	-0.027	0.099	0.100	0.161	11.676845	42.311657	1846.02	-780.93

2.4 Star Slots

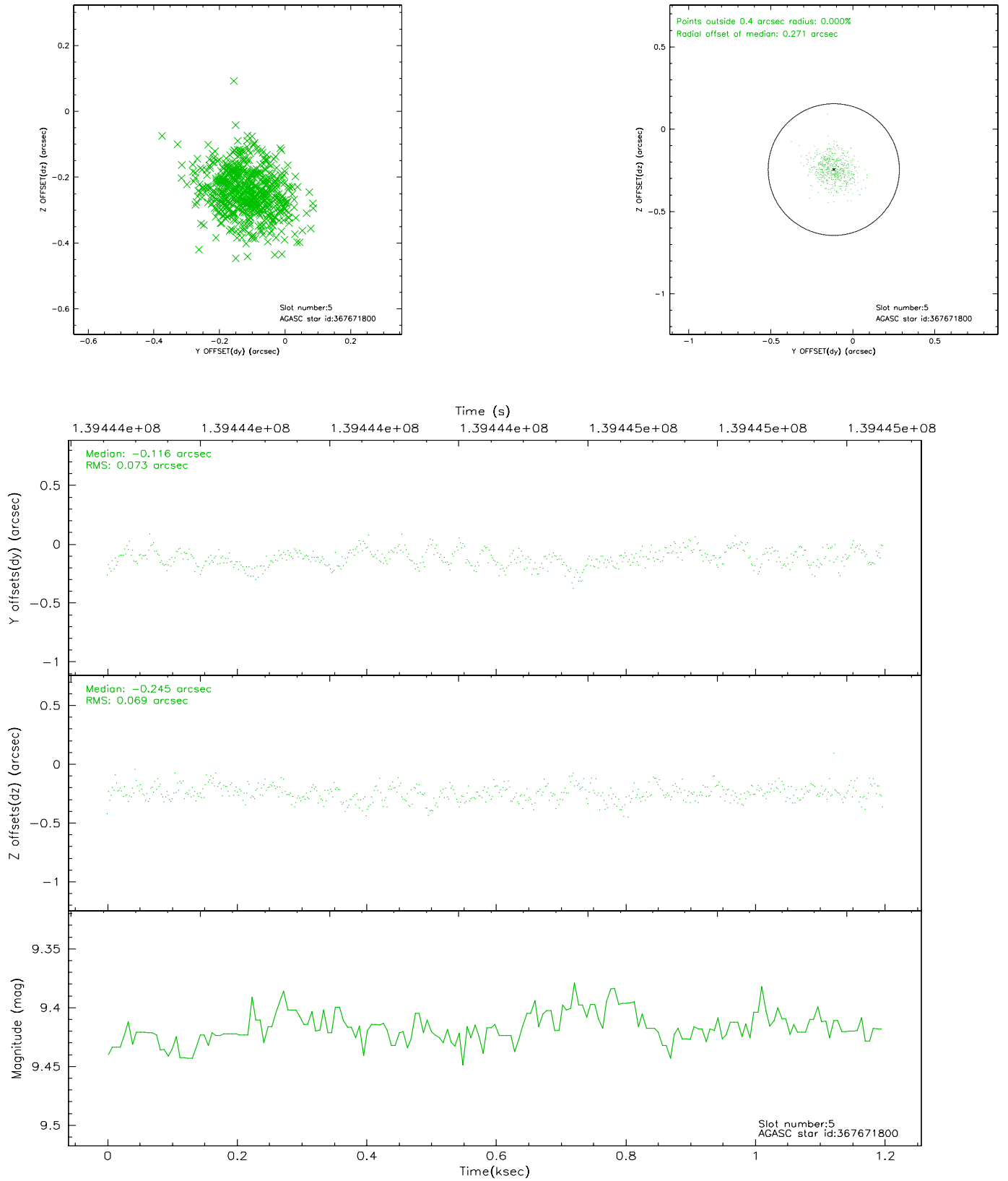
2.4.1 Slot 3



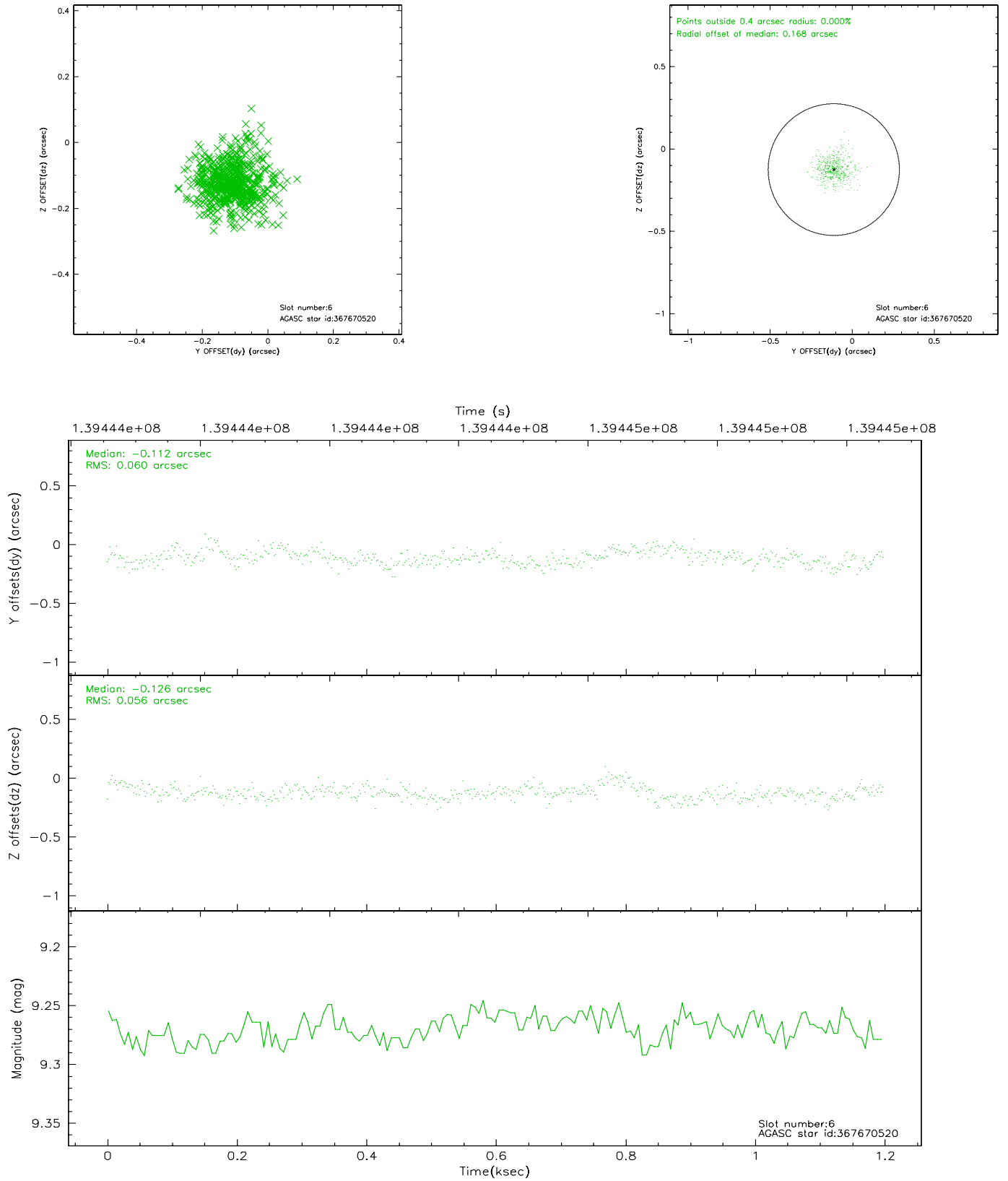
2.4.2 Slot 4



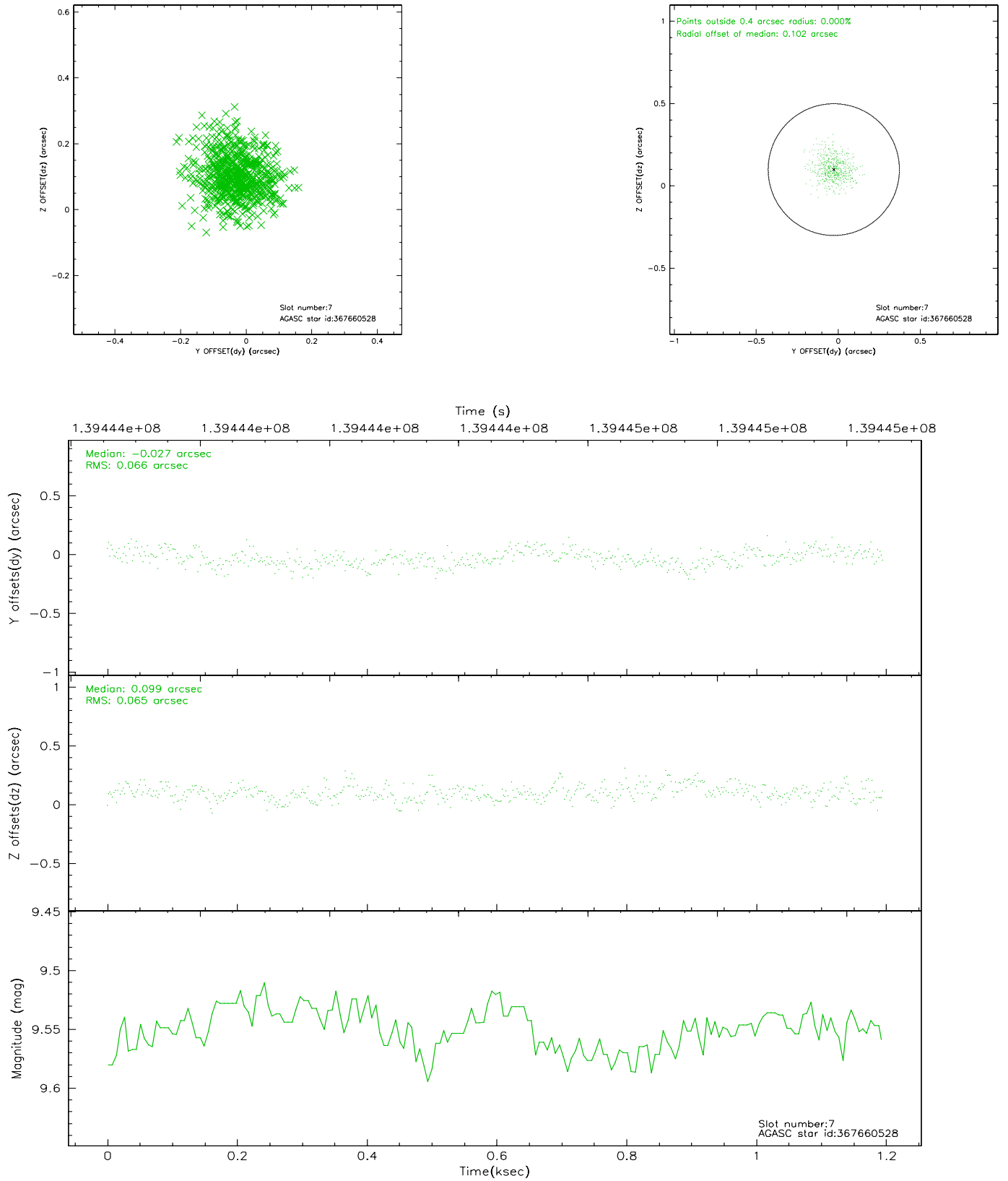
2.4.3 Slot 5



2.4.4 Slot 6

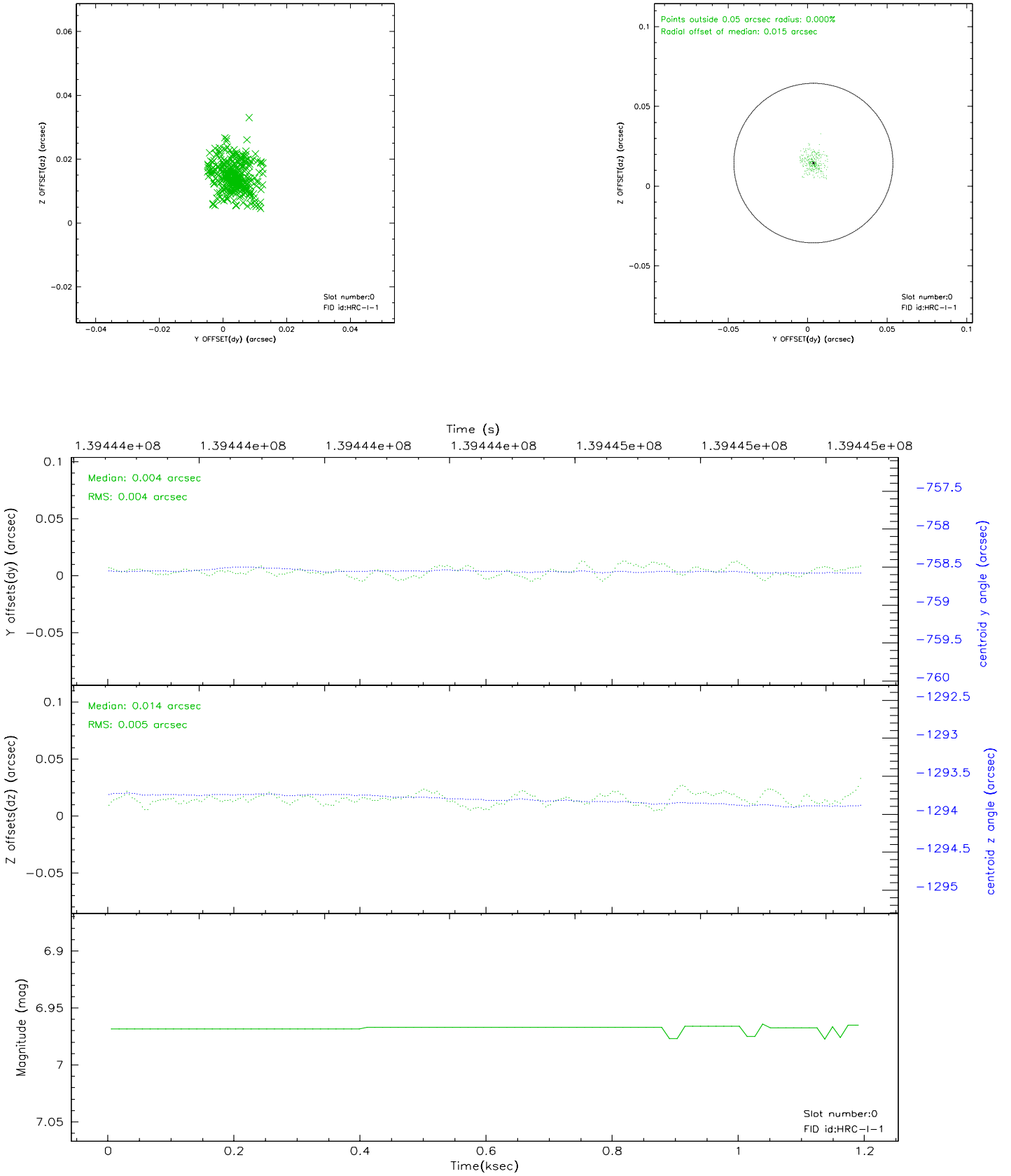


2.4.5 Slot 7

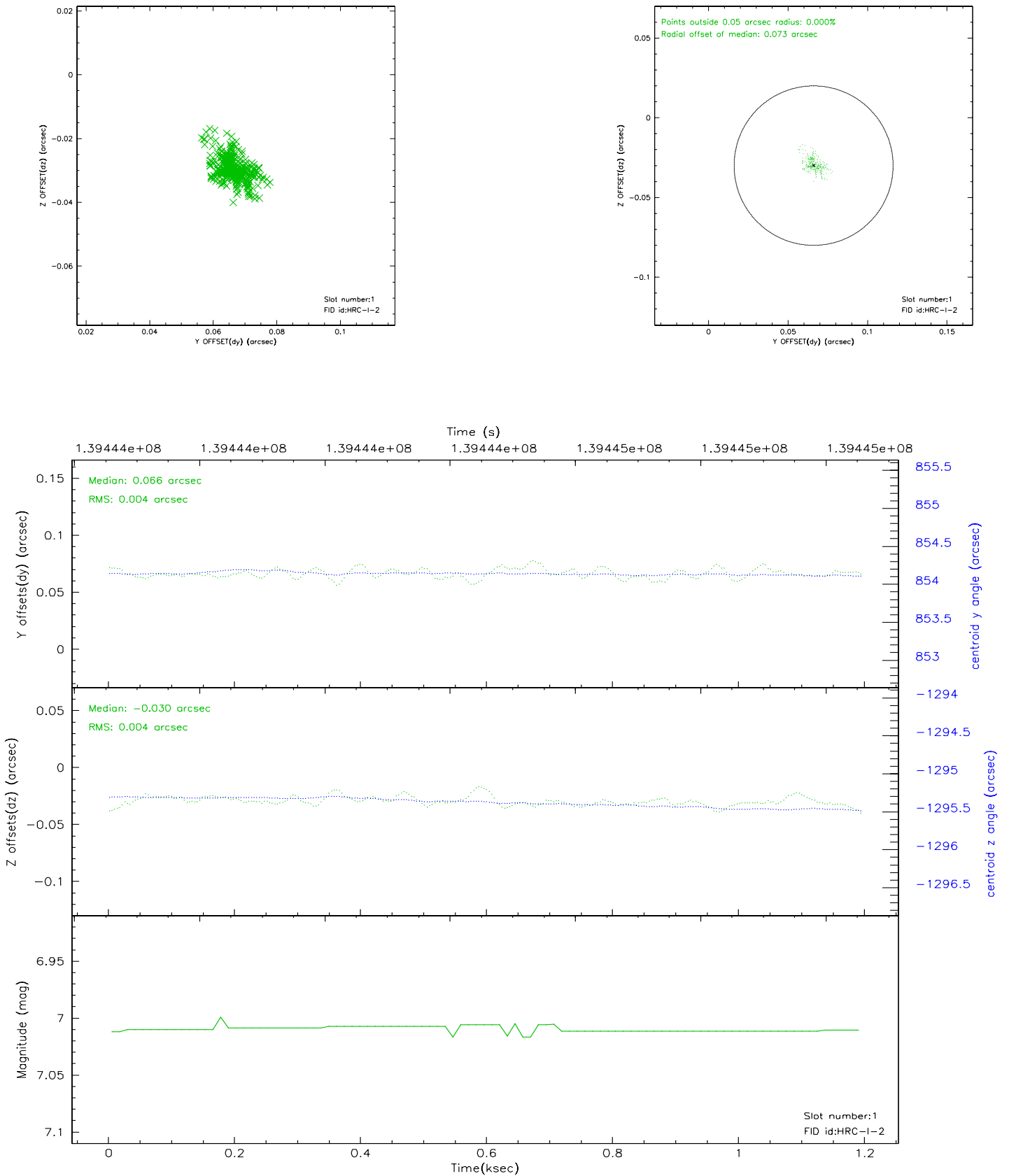


2.5 FID Slots

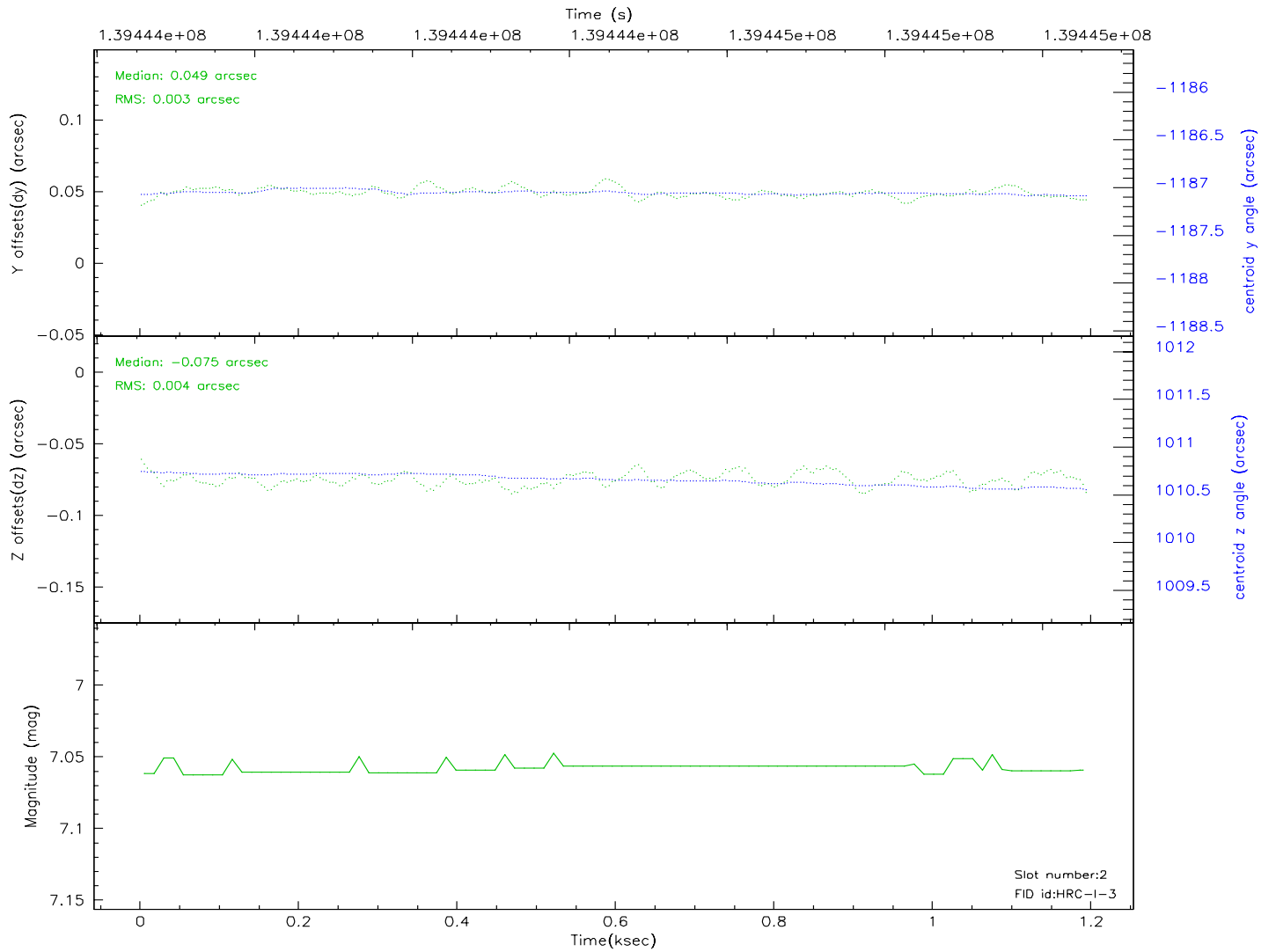
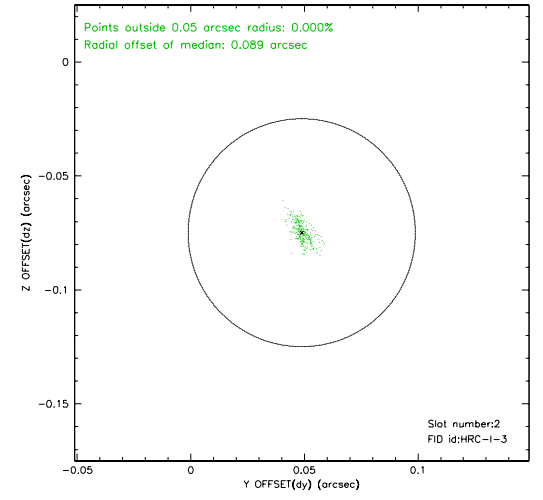
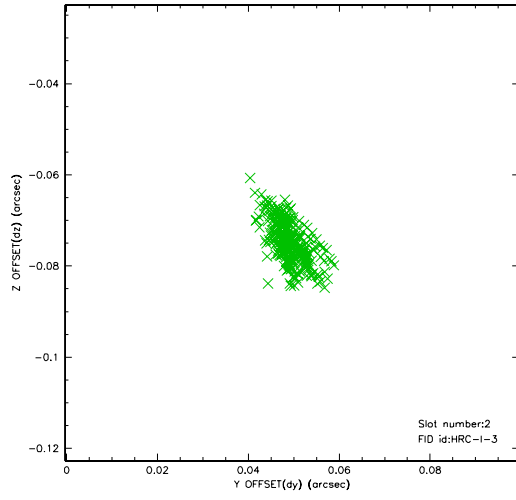
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

11.28 arcmin



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.12.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.195

A.2 Comments

Window constraint not 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.