

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 2909 - L2 Version 3
Chandra X-Ray Center

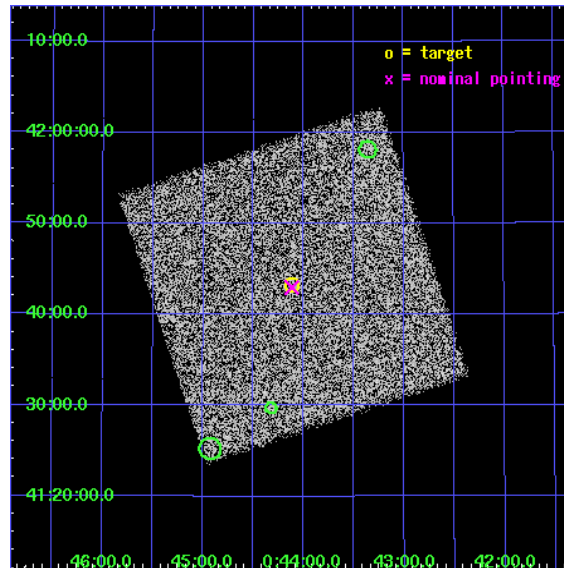
L2 Processing Date : Nov 20 2007

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1 Front

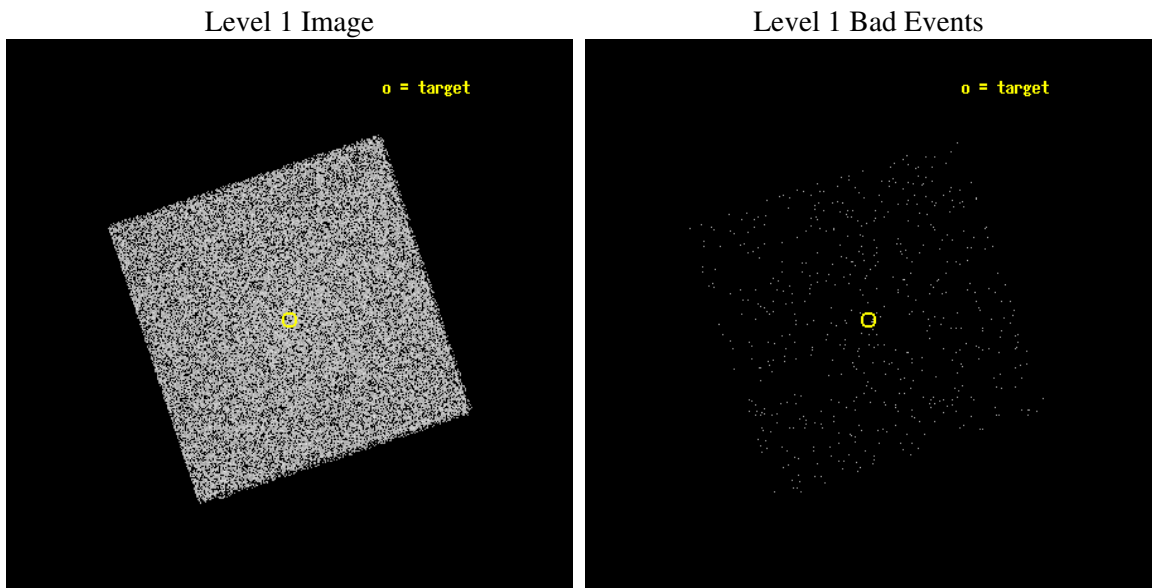
seq_num	600246
obs_id	2909
title	SEARCHING FOR X-RAY TRANSIENTS IN M31 WITH CHANDRA AND HST
observer	Dr. MICHAEL GARCIA
object	M31-N1
ra_targ	11.029167
dec_targ	41.721
ra_nom	11.028890972328
dec_nom	41.716552848983
roll_nom	296.51413682317
revision	3
ontime	1093.6750439852
livetime	1086.6353373273
l2events	44381



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	2007-11-20T21:51:52
revision	3

sched_exp_time	900.000000
ontime	1093.6750439852
l1events	83537

2.1.3 Events

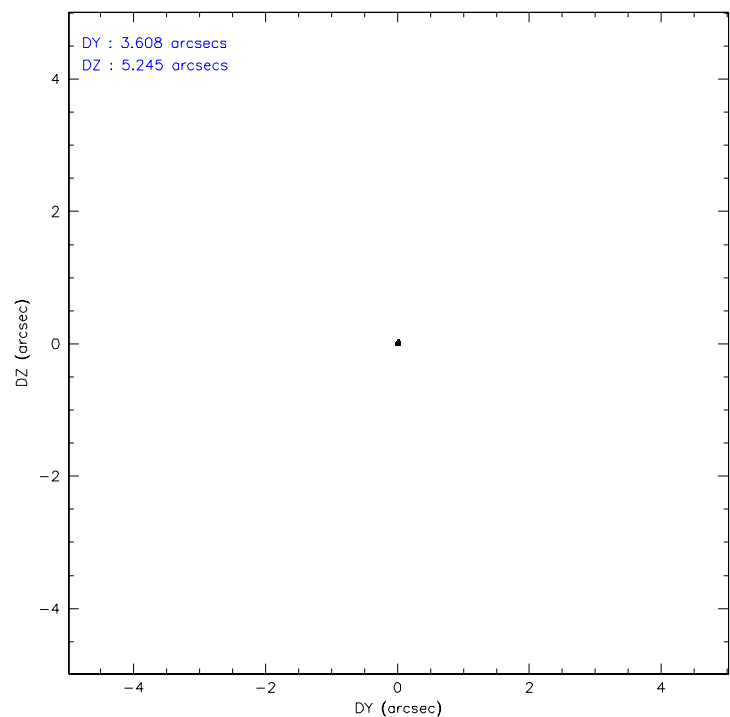
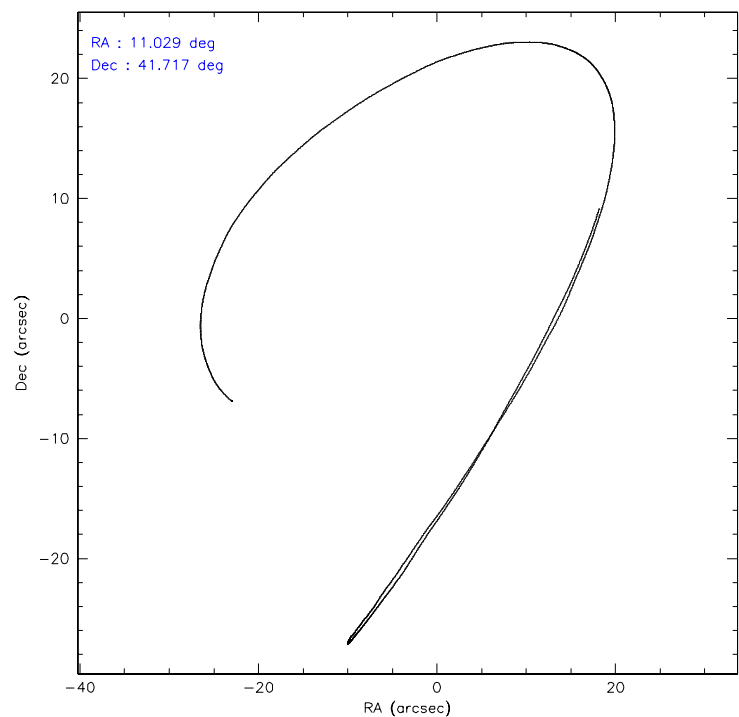
Level 1 Events

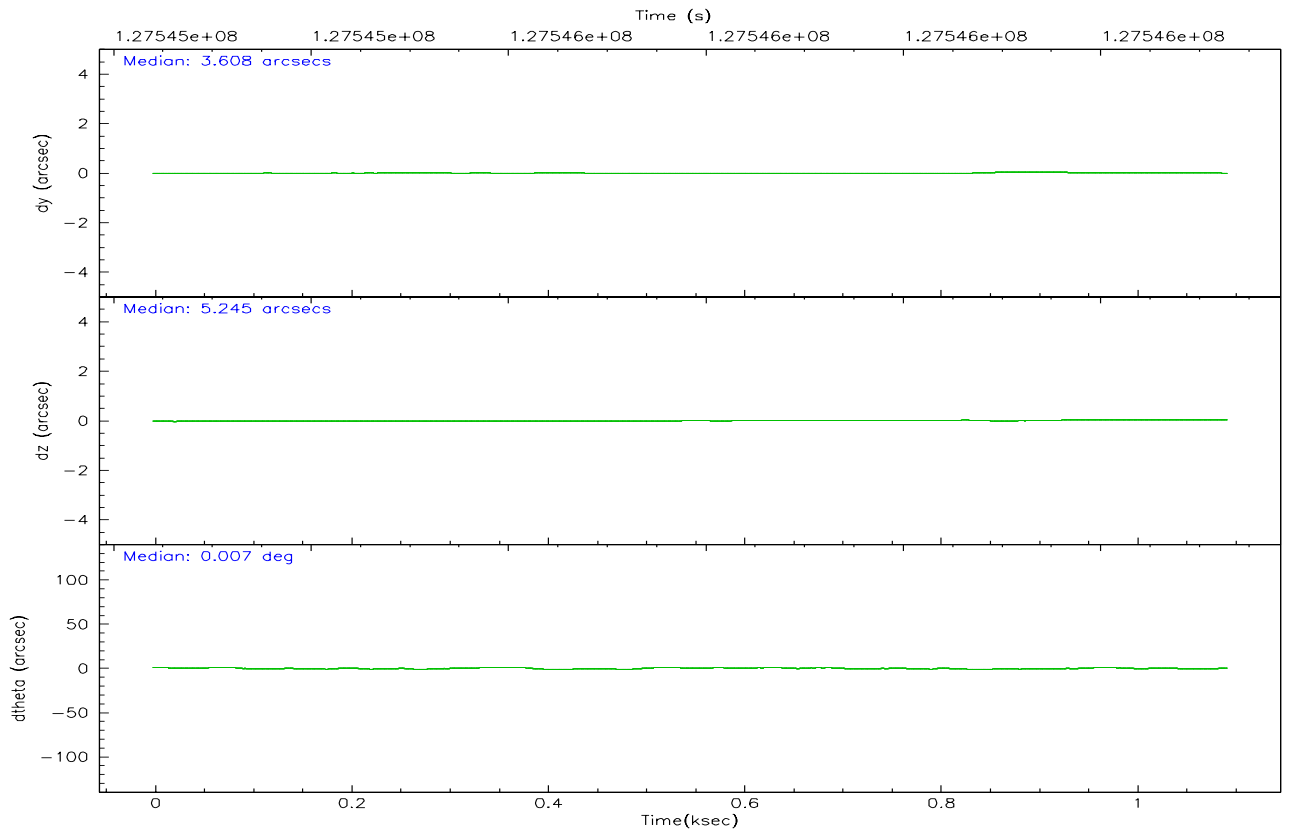
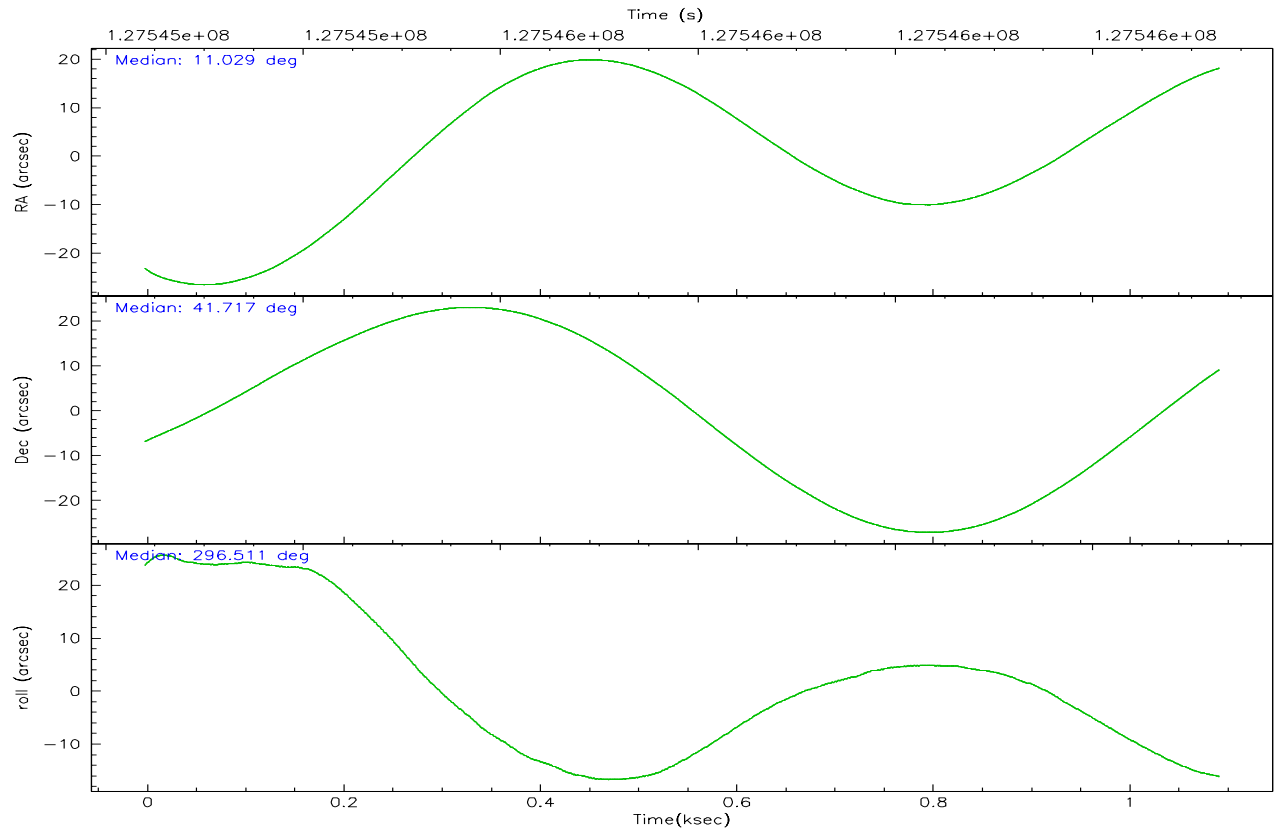
	segment 0
level 1 events	83537
rejected events	19086
rejected %	22%

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	10.998788	11.02889097232817			
Pointing Dec	41.731262	41.71655284898299			
Pointing Roll	296.629593	296.5141368231724			
Window start time	127353664.184000	127353664.184000			
Window stop time	127958464.184000	127958464.184000			
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	127545432.184000	127545056.48969			
Observation start date	2002-01-16T05:16:08	2002-01-16T05:10:56			
Observation end time	127546332.184000	127546466.37725			
Observation end date	2002-01-16T05:31:08	2002-01-16T05:34:26			

2.3 Aspect



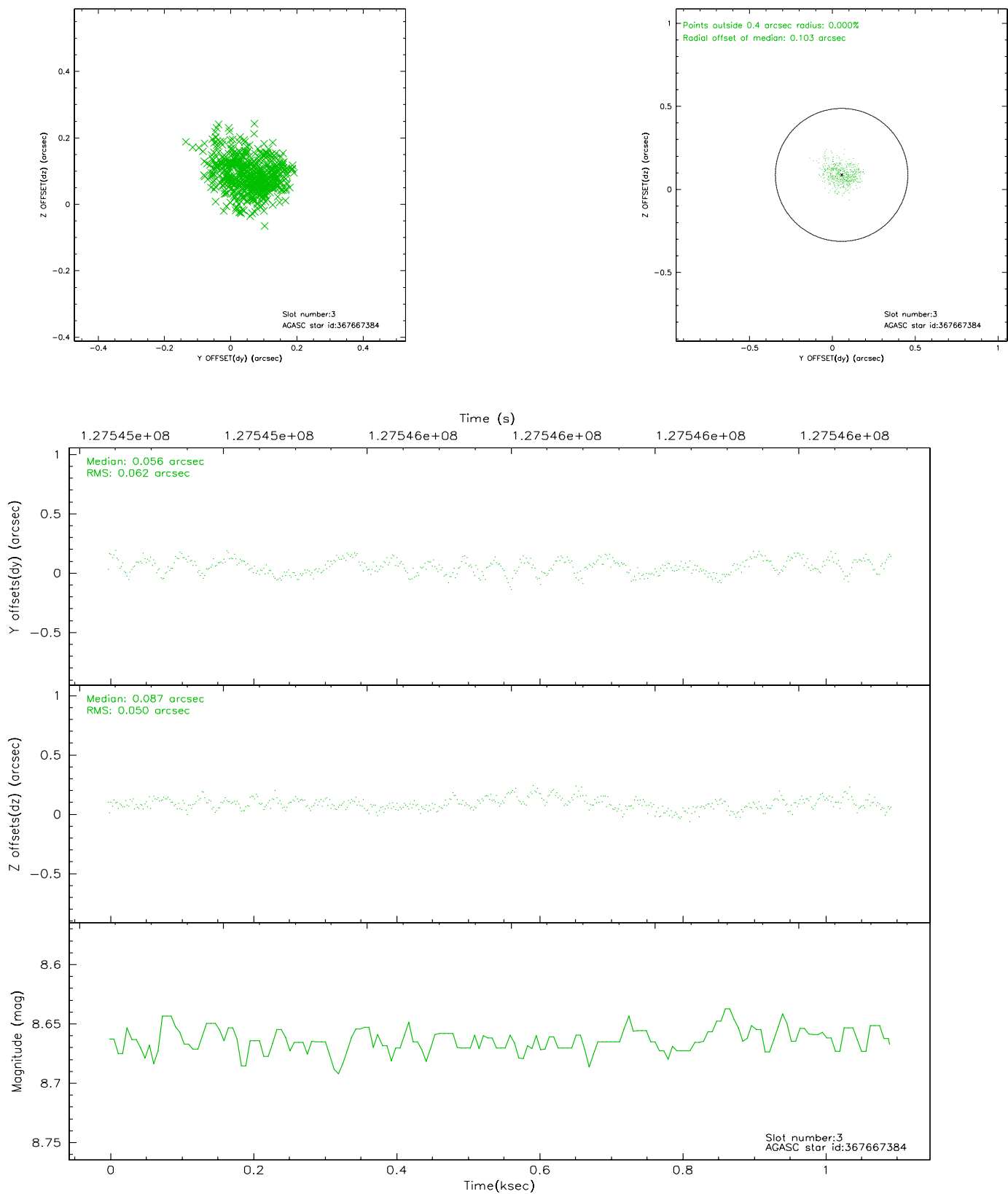


Slot Statistics

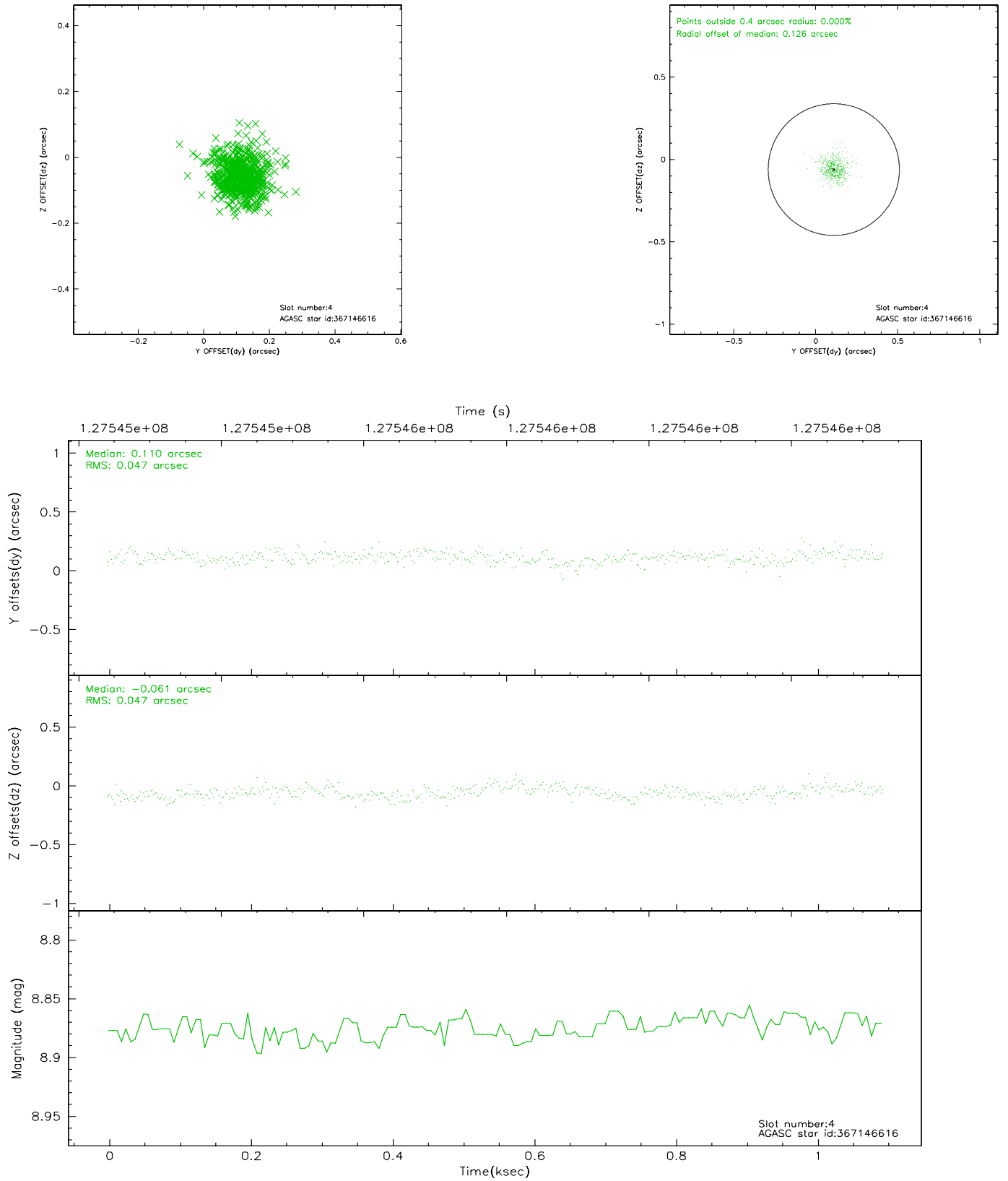
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	267	0.005	0.052	0.008	0.018	0.000000	0.000000	-759.07	-1293.01
1	FID	HRC-I-2	7.00	267	0.079	-0.053	0.006	0.011	0.000000	0.000000	850.79	-1299.49
2	FID	HRC-I-3	7.05	267	0.035	-0.089	0.007	0.014	0.000000	0.000000	-1184.39	1006.54
3	GUIDE	367667384	8.66	535	0.056	0.087	0.086	0.131	12.077552	41.596878	1717.38	2388.67
4	GUIDE	367146616	8.88	535	0.110	-0.061	0.069	0.118	11.418645	41.190163	2251.41	150.46
5	GUIDE	367671800	9.41	535	-0.103	-0.076	0.093	0.163	10.554735	41.964935	-1283.97	-682.93
6	GUIDE	367670520	9.26	535	-0.098	0.062	0.100	0.167	11.265516	42.371946	-1747.97	1668.26
7	GUIDE	367663272	9.30	534	0.043	-0.036	0.098	0.164	10.656279	41.699429	-315.63	-869.56

2.4 Star Slots

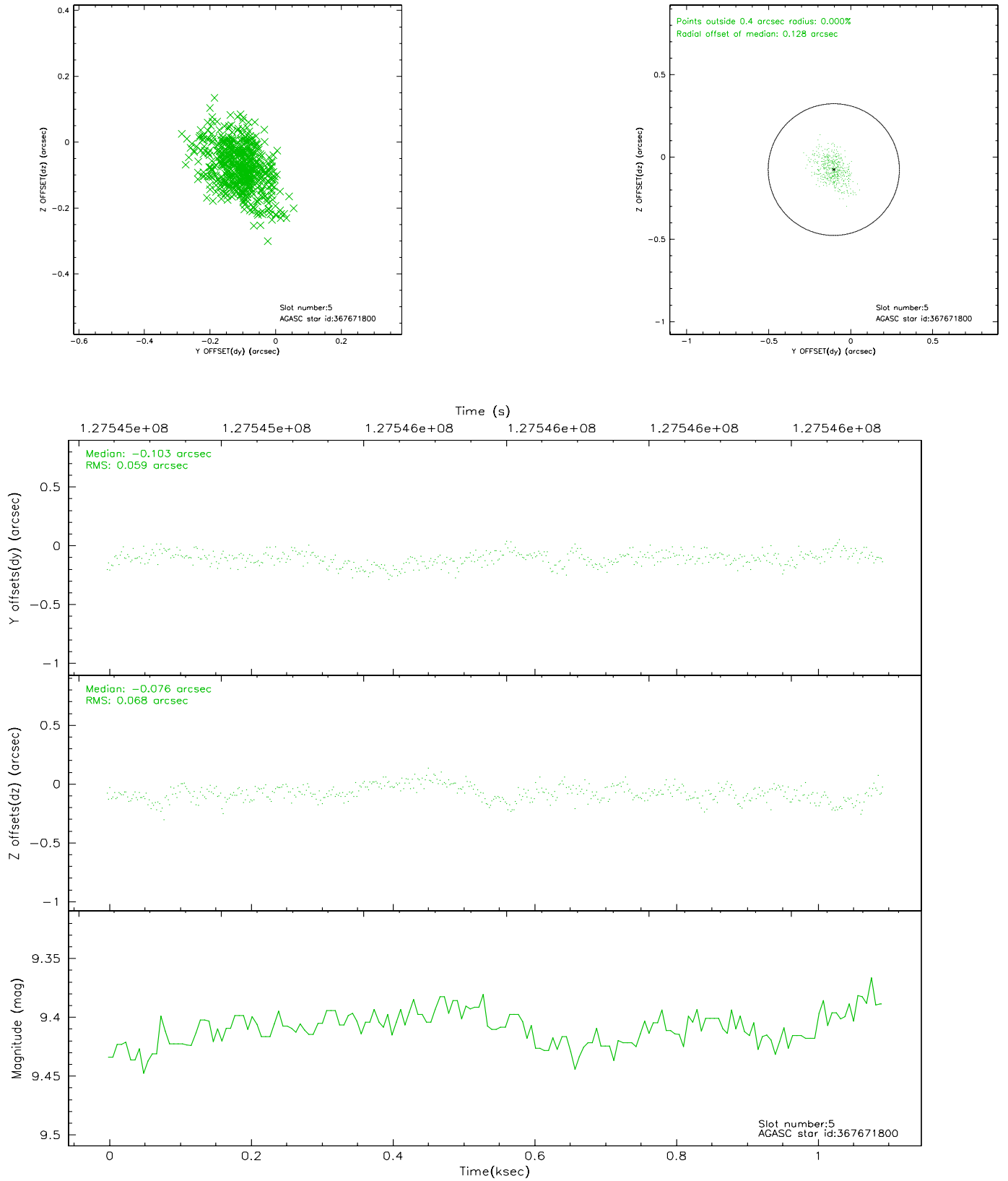
2.4.1 Slot 3



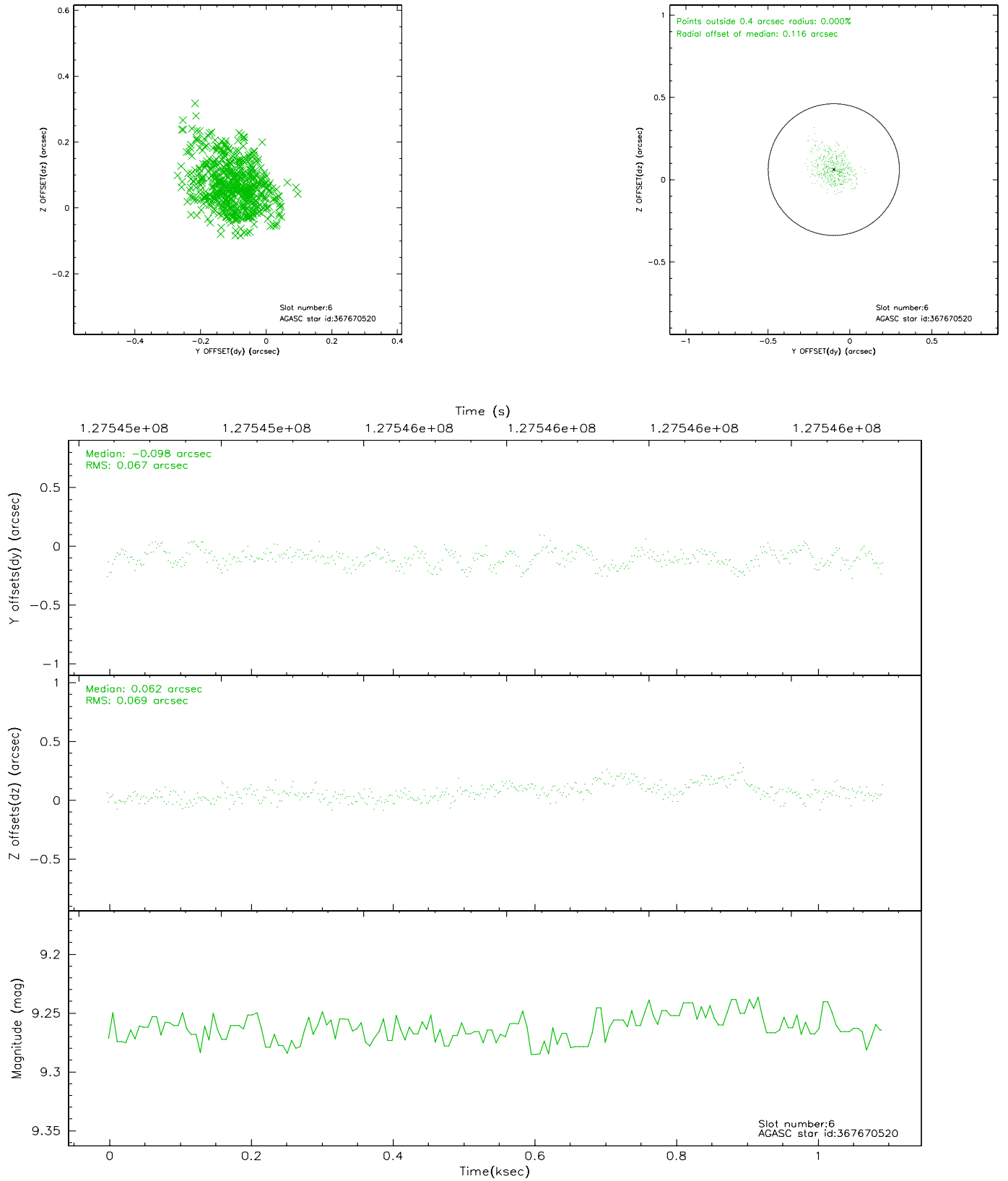
2.4.2 Slot 4



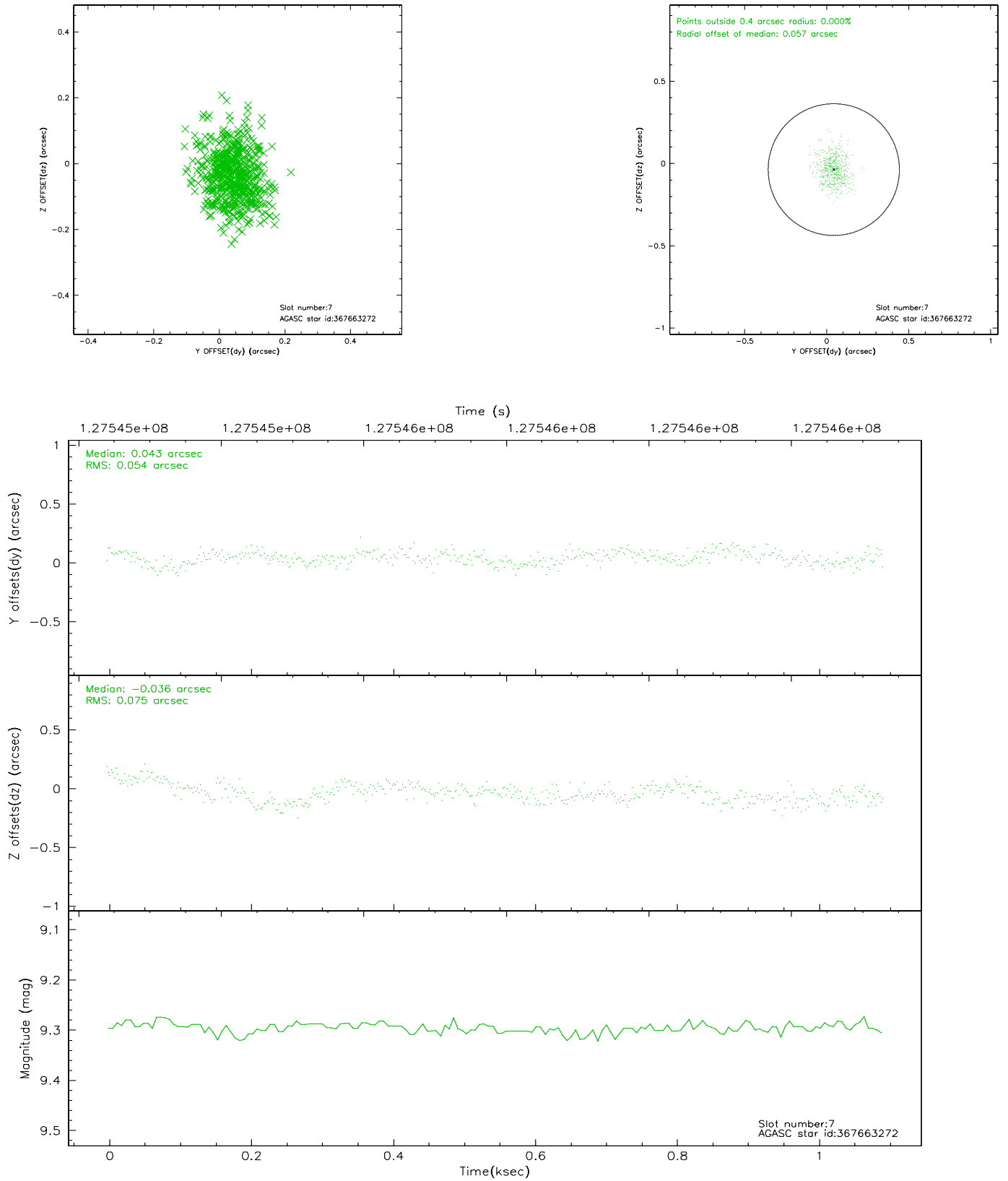
2.4.3 Slot 5



2.4.4 Slot 6

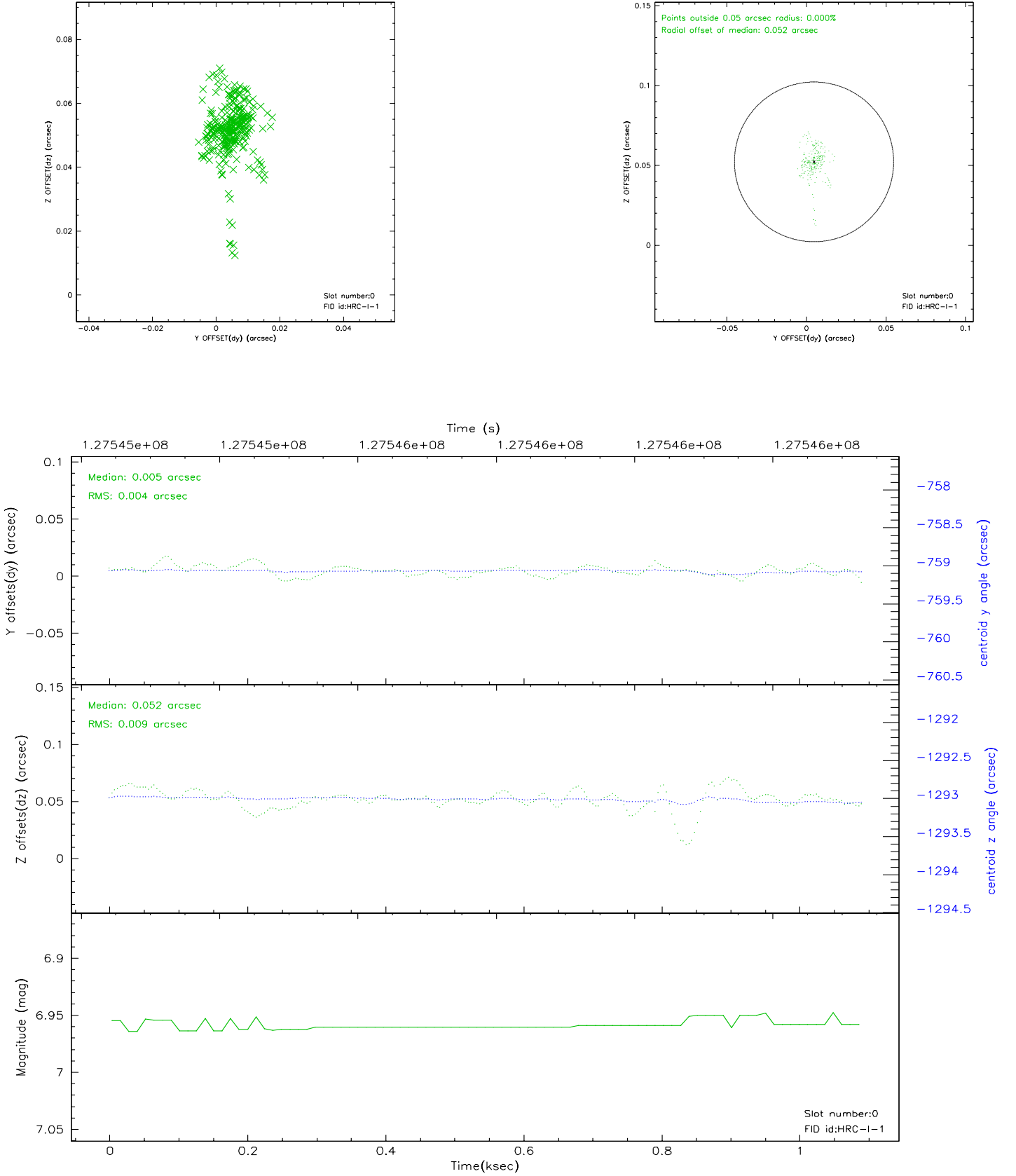


2.4.5 Slot 7

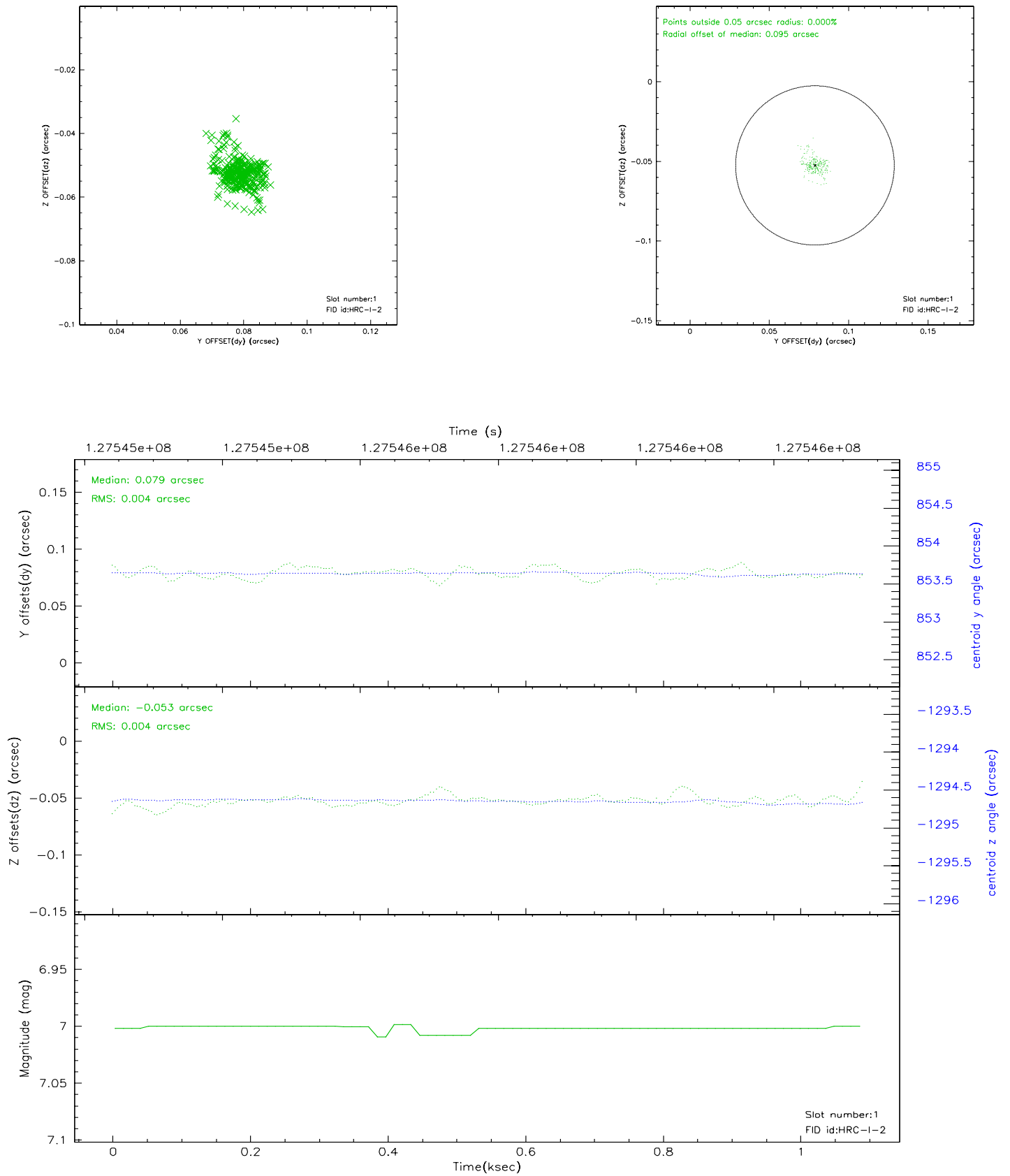


2.5 FID Slots

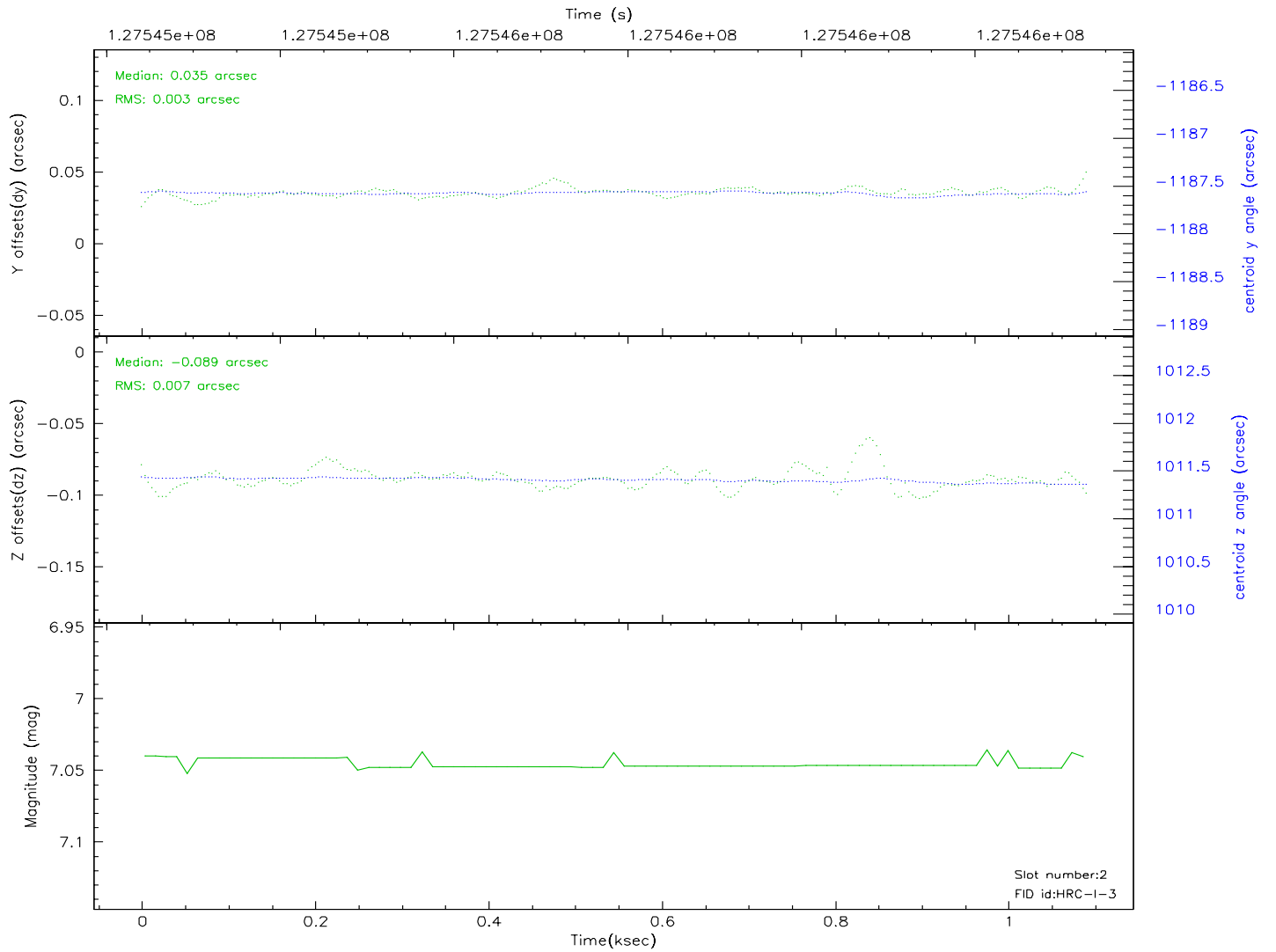
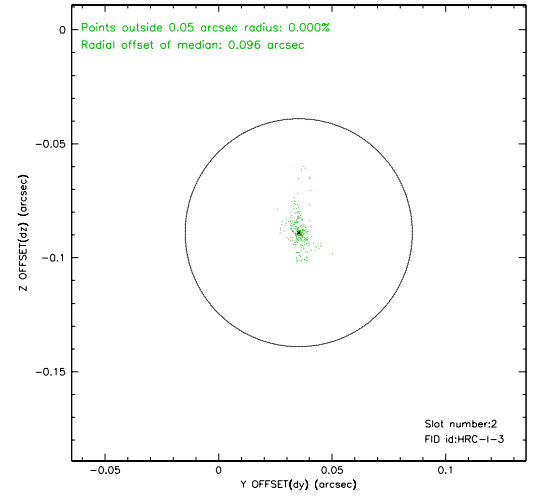
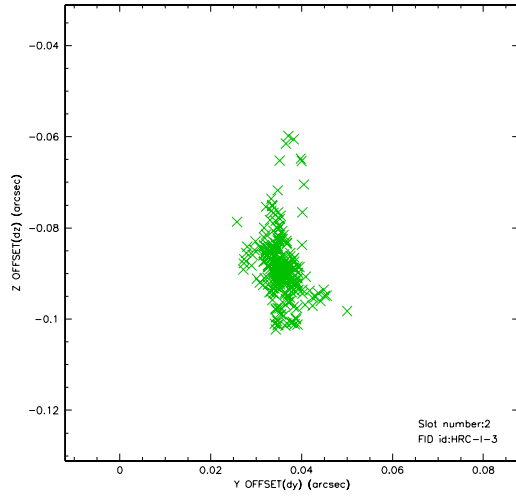
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

17.35 arcmin



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	1.091

A.2 Comments

Window constraint satisfied.

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.